

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115142.D
 Acq On : 24 Jun 2019 11:36
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Quant Time: Jun 25 07:37:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	345721	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1372371	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	684209	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1314671	20.00	ng	0.00
76) Chrysene-d12	13.74	240	859454	20.00	ng	-0.01
87) Perylene-d12	15.10	264	909130	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2543901	113.55	ng	0.02
7) Phenol-d6	6.27	99	3111550	114.43	ng	0.01
23) Nitrobenzene-d5	7.18	82	1971927	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	901196	124.90	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3477672	86.34	ng	0.00
79) Terphenyl-d14	12.70	244	3584833	88.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	361280	34.169	ng	99
3) Pyridine	2.97	79	994645	33.377	ng	98
4) n-Nitrosodimethylamine	2.91	42	449157	38.447	ng	99
6) Aniline	6.28	93	968137	25.905	ng	# 87
8) 2-Chlorophenol	6.41	128	1030899	40.923	ng	97
9) Benzaldehyde	6.15	77	205331	11.574	ng	100
10) Phenol	6.28	94	1184104	37.175	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	949454	40.438	ng	99
12) 1,3-Dichlorobenzene	6.55	146	1085585	38.830	ng	98
13) 1,4-Dichlorobenzene	6.63	146	1100897	39.268	ng	99
14) 1,2-Dichlorobenzene	6.79	146	1014601	39.080	ng	99
15) Benzyl Alcohol	6.77	79	799912	40.399	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1380815	40.548	ng	99
17) 2-Methylphenol	6.88	107	882173	42.425	ng	98
18) Hexachloroethane	7.13	117	402309	39.804	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	695342	39.942	ng	99
20) 3+4-Methylphenols	7.04	107	991929	41.313	ng	# 88
22) Acetophenone	7.02	105	1382375	43.999	ng	# 96
24) Nitrobenzene	7.20	77	1065417	43.349	ng	95
25) Isophorone	7.44	82	2009008	43.959	ng	100
26) 2-Nitrophenol	7.51	139	604038	49.766	ng	99
27) 2,4-Dimethylphenol	7.56	122	984627	49.546	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	1246450	43.151	ng	99
29) 2,4-Dichlorophenol	7.75	162	921397	44.927	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	986957	43.568	ng	99
31) Naphthalene	7.92	128	2885448	42.832	ng	98
32) Benzoic acid	7.71	122	808445	56.991	ng	99
33) 4-Chloroaniline	7.97	127	732531	23.793	ng	99
34) Hexachlorobutadiene	8.04	225	529415	42.646	ng	97
35) Caprolactam	8.35	113	176862	25.650	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	934655	45.001	ng	98
37) 2-Methylnaphthalene	8.61	142	2023808	44.556	ng	99
38) 1-Methylnaphthalene	8.71	142	1914864	44.141	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	823942	42.615	ng	99

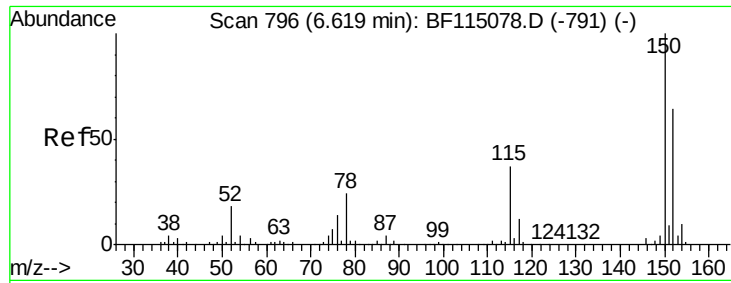
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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 QLast Update : Mon Jun 24 04:21:29 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	915672	79.869	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	678498	45.455	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	689306	44.842	ng	99
46) 1,1'-Biphenyl	9.07	154	2314090	42.269	ng	99
47) 2-Chloronaphthalene	9.10	162	1859910	41.882	ng	97
48) 2-Nitroaniline	9.19	65	567073	43.800	ng	92
49) Acenaphthylene	9.51	152	2862012	41.365	ng	97
50) Dimethylphthalate	9.38	163	2138466	42.482	ng	99
51) 2,6-Dinitrotoluene	9.44	165	521477	44.871	ng	93
52) Acenaphthene	9.68	154	1759371	40.637	ng	99
53) 3-Nitroaniline	9.60	138	407275	28.717	ng	98
54) 2,4-Dinitrophenol	9.71	184	561022	92.546	ng	98
55) Dibenzofuran	9.85	168	2495500	40.159	ng	97
56) 4-Nitrophenol	9.77	139	957177	84.185	ng	95
57) 2,4-Dinitrotoluene	9.84	165	681354	45.406	ng	93
58) Fluorene	10.19	166	1722235	41.049	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	599278	46.493	ng	99
60) Diethylphthalate	10.08	149	2095265	41.408	ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	825422	41.446	ng	95
62) 4-Nitroaniline	10.21	138	576354	40.510	ng	99
63) Azobenzene	10.35	77	1956402	41.394	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	330965	47.384	ng	92
66) n-Nitrosodiphenylamine	10.31	169	1781891	43.505	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	622114	43.646	ng	98
68) Hexachlorobenzene	10.74	284	678928	43.882	ng	97
69) Atrazine	10.84	200	573123	43.499	ng	99
70) Pentachlorophenol	10.93	266	812934	82.477	ng	98
71) Phenanthrene	11.14	178	2831337	40.000	ng	99
72) Anthracene	11.20	178	2831560	39.629	ng	97
73) Carbazole	11.35	167	2631105	41.238	ng	98
74) Di-n-butylphthalate	11.70	149	3024748	41.026	ng	97
75) Fluoranthene	12.32	202	2935748	41.569	ng	99
77) Benzidine	12.44	184	936396	24.537	ng	99
78) Pyrene	12.55	202	2932426	44.397	ng	97
80) Butylbenzylphthalate	13.18	149	1425078	48.891	ng	98
81) Benzo(a)anthracene	13.72	228	2735673	44.361	ng	98
82) 3,3'-Dichlorobenzidine	13.69	252	921899	41.397	ng	99
83) Chrysene	13.77	228	2593025	45.903	ng	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1802726	47.200	ng	# 98
85) Di-n-octyl phthalate	14.36	149	3098119	48.279	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2769586	41.433	ng	99
88) Benzo(b)fluoranthene	14.74	252	3041113	53.610	ng	98
89) Benzo(k)fluoranthene	14.76	252	2318042	45.566	ng	99
90) Benzo(a)pyrene	15.05	252	2593721	50.729	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2285934	47.891	ng	98
92) Benzo(g,h,i)perylene	16.77	276	2306841	47.750	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

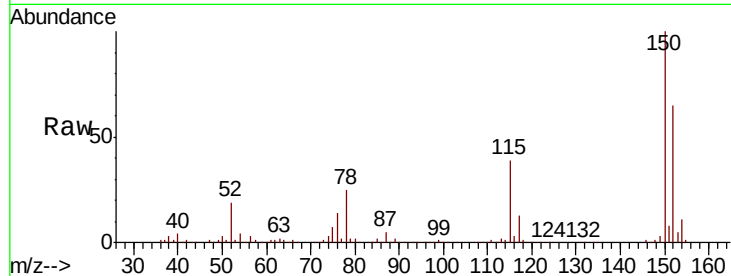


#1

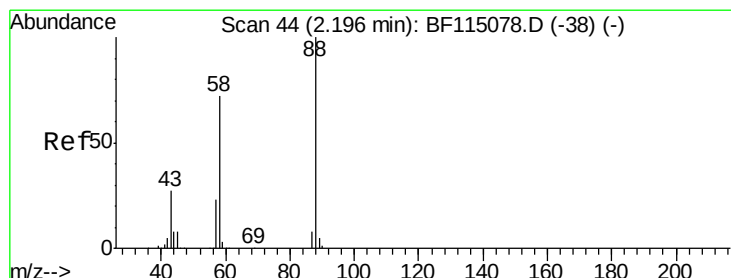
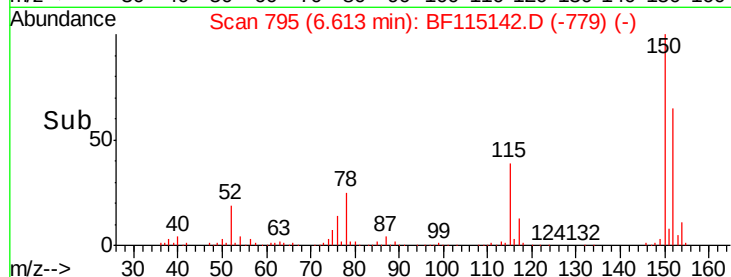
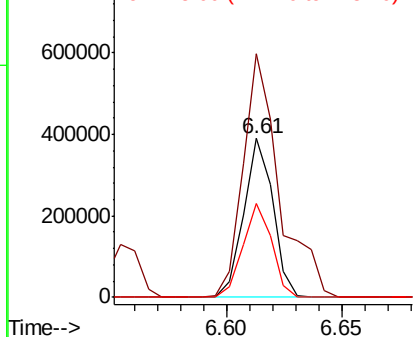
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:152 Resp: 345721
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 59.1 46.1 69.1



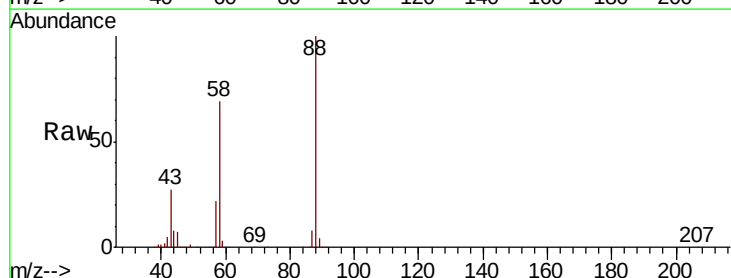
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



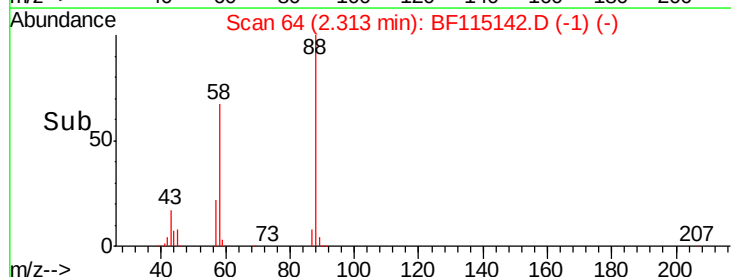
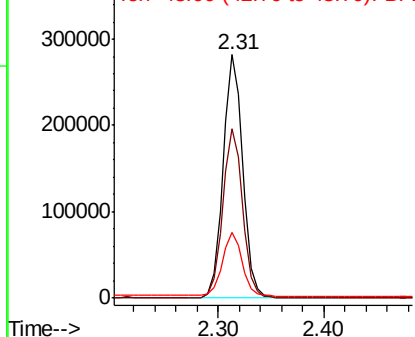
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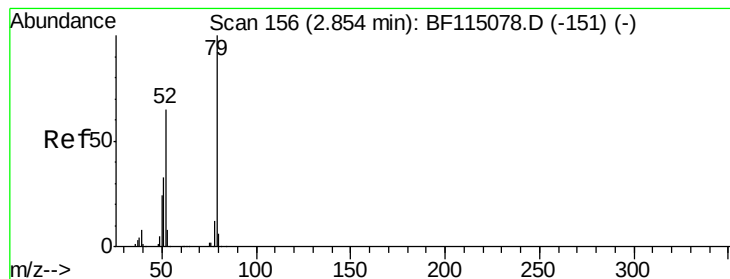
1,4-Dioxane
Concen: 34.169 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.12 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion: 88 Resp: 361280
Ion Ratio Lower Upper
88 100
58 70.1 56.1 84.1
43 27.8 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.377 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

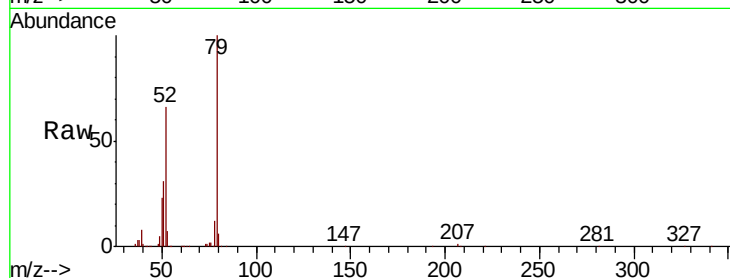
Tot Ion: 79 Resp: 994645

Ion Ratio Lower Upper

79 100

52 66.3 52.3 78.5

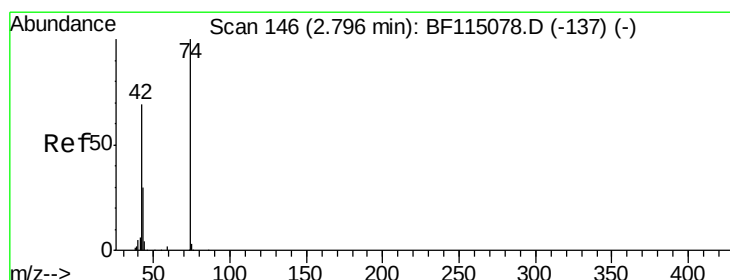
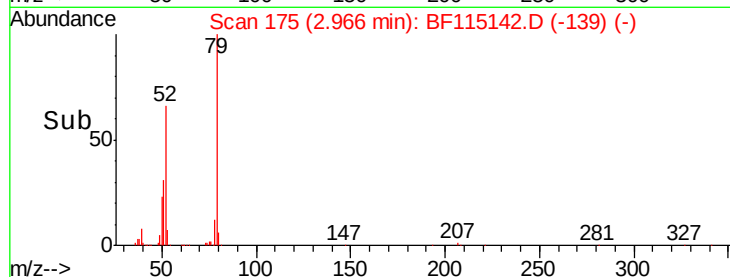
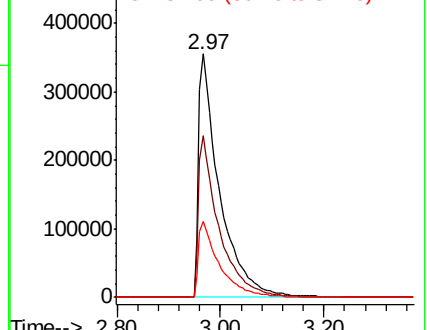
51 31.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.447 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.12 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

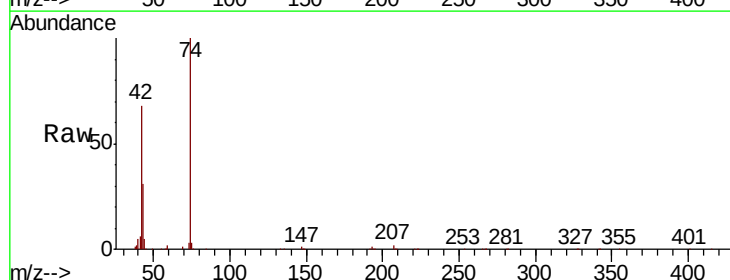
Tgt Ion: 42 Resp: 449157

Ion Ratio Lower Upper

42 100

74 146.6 116.6 175.0

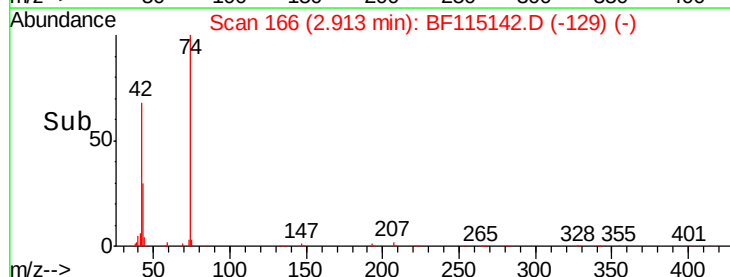
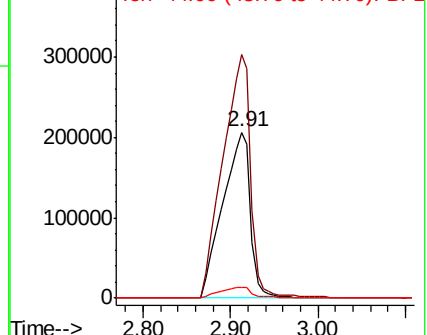
44 6.8 5.3 7.9

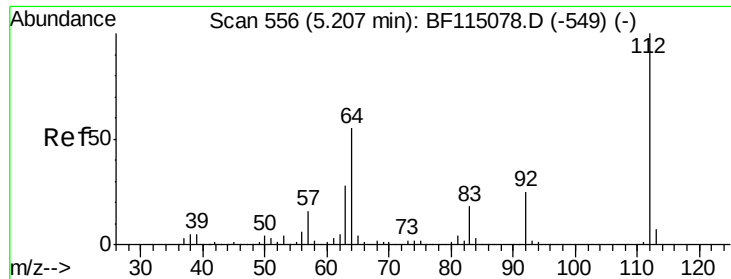


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.550 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

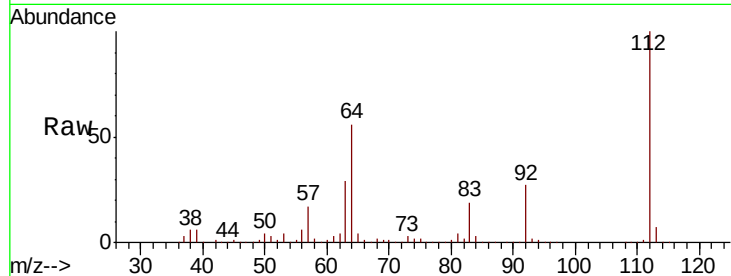
Tot Ion: 112 Resp: 2543901

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.6

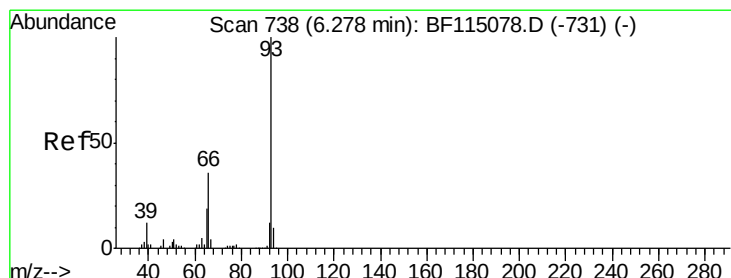
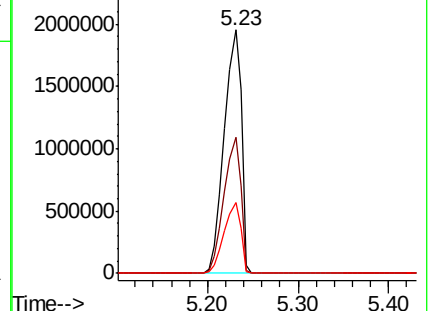
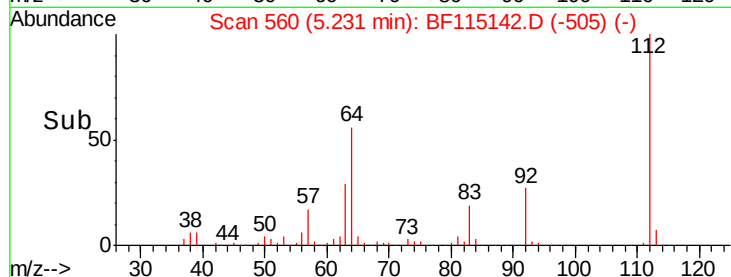
63 29.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.905 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

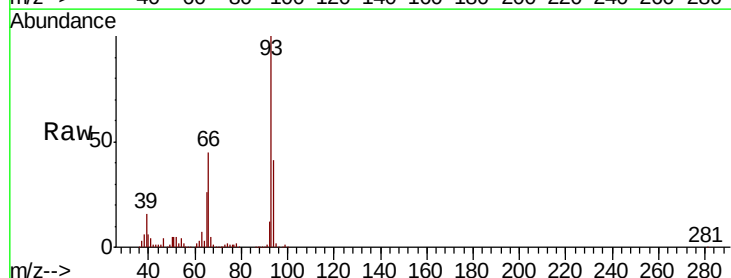
Tgt Ion: 93 Resp: 968137

Ion Ratio Lower Upper

93 100

66 45.5 30.0 45.0#

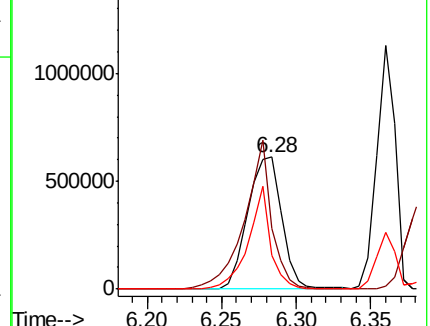
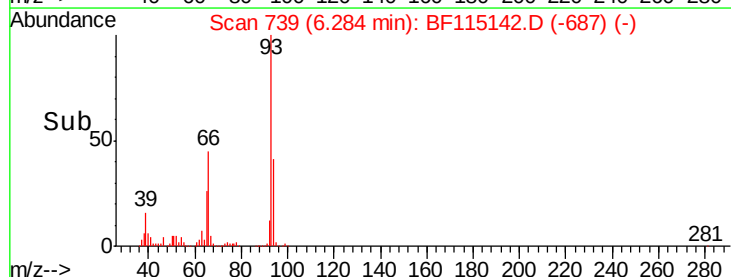
65 25.7 15.6 23.4#

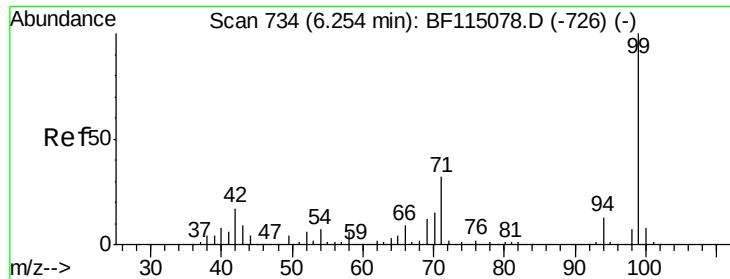


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.428 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

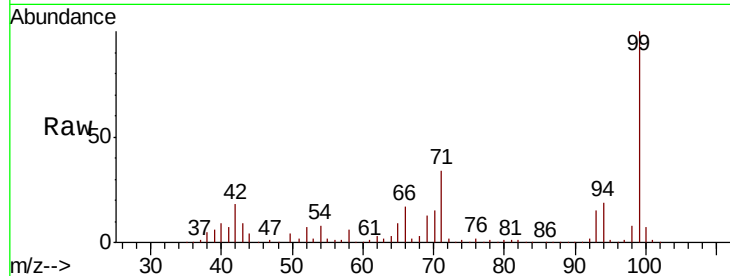
BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 99 Resp: 3111550

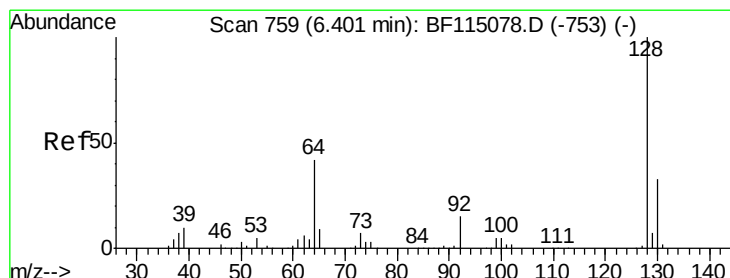
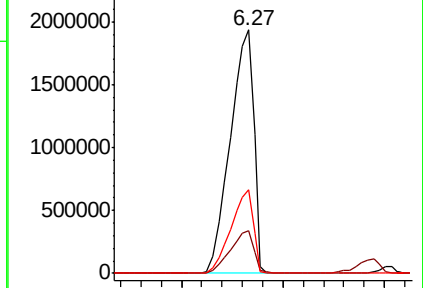
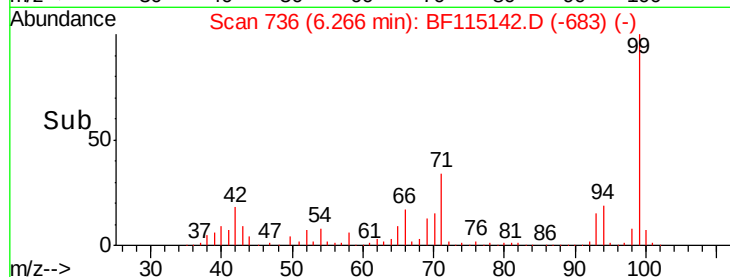
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	34.2	25.5	38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.923 ng

RT: 6.41 min Scan# 760

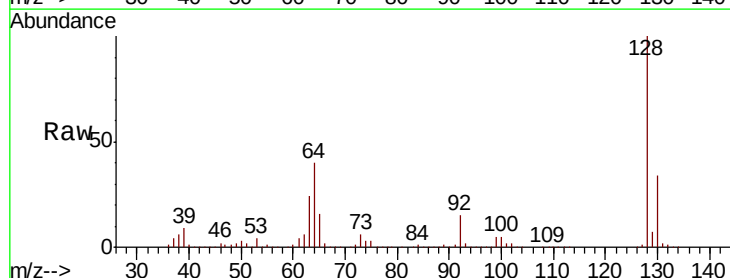
Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion: 128 Resp: 1030899

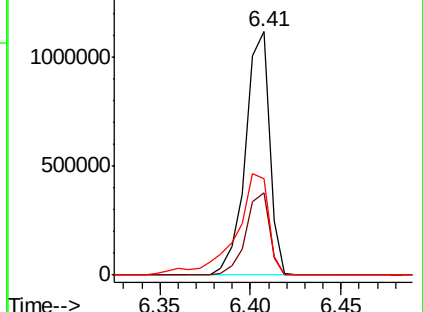
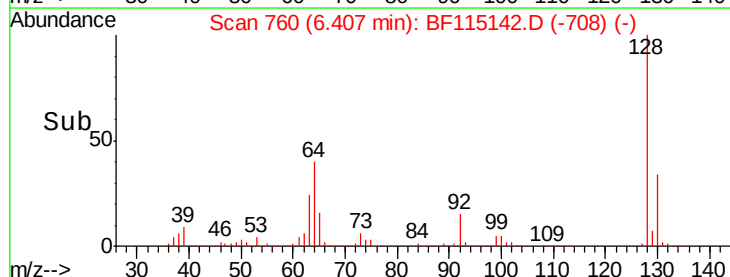
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.9	52.9
64	39.8	22.9	62.9

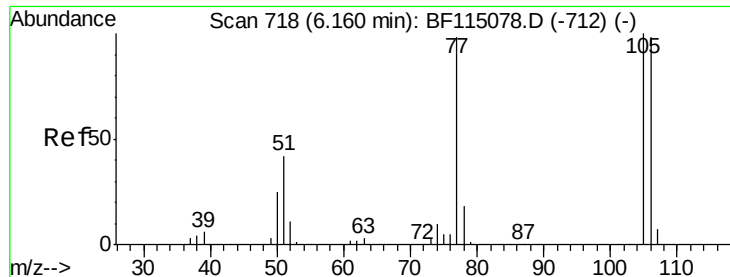


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.574 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

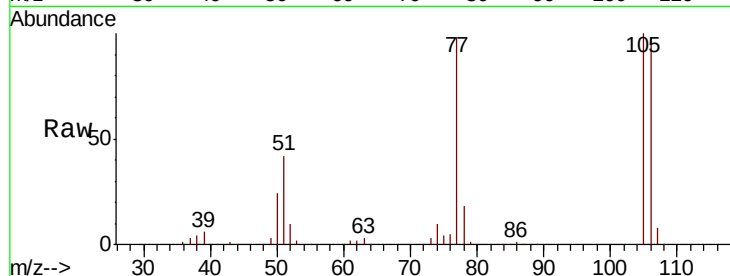
Tot Ion: 77 Resp: 205331

Ion Ratio Lower Upper

77 100

105 102.0 81.5 121.5

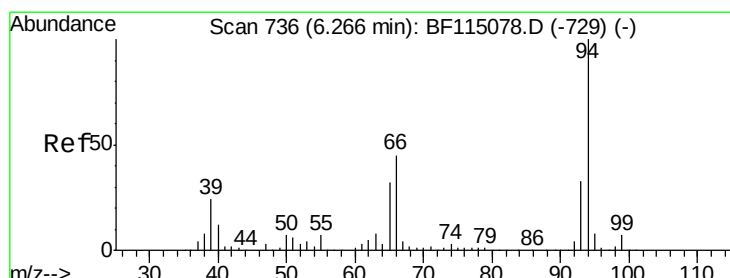
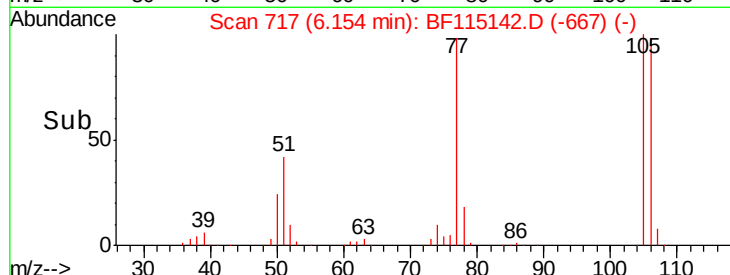
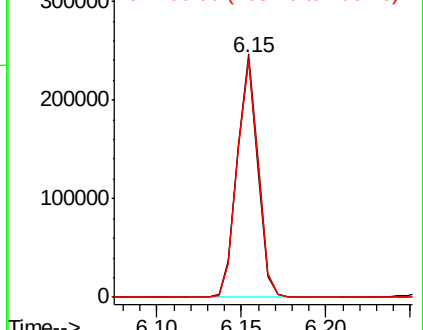
106 99.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.175 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

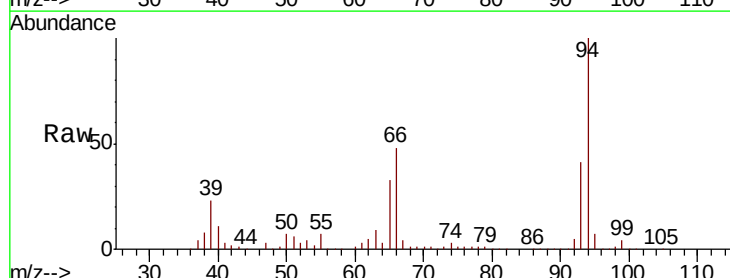
Tgt Ion: 94 Resp: 1184104

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

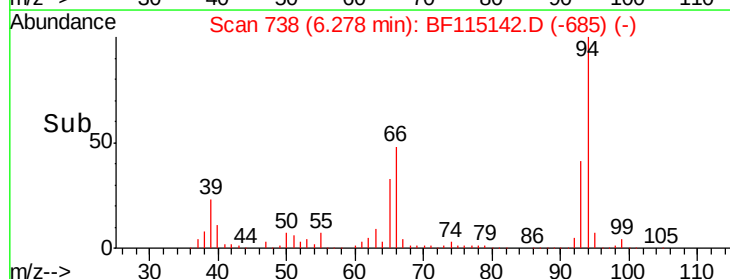
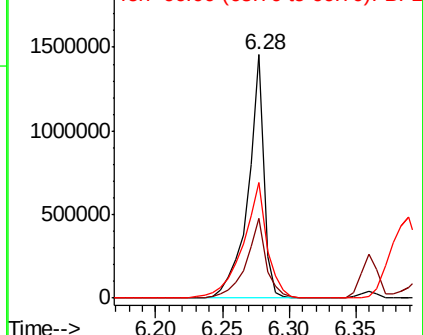
66 47.5 25.2 65.2

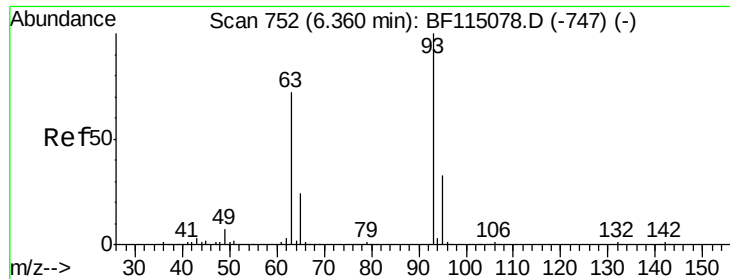


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.438 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

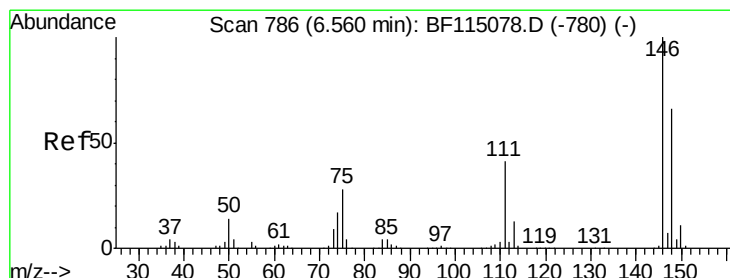
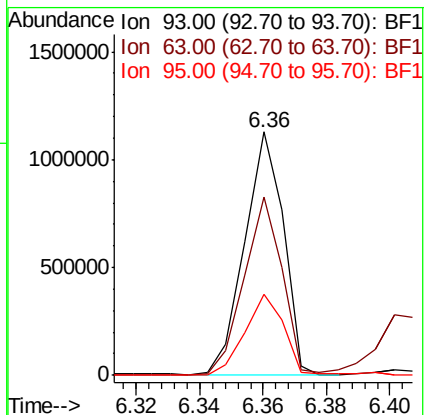
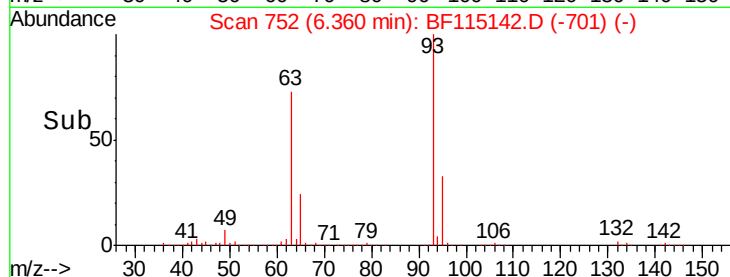
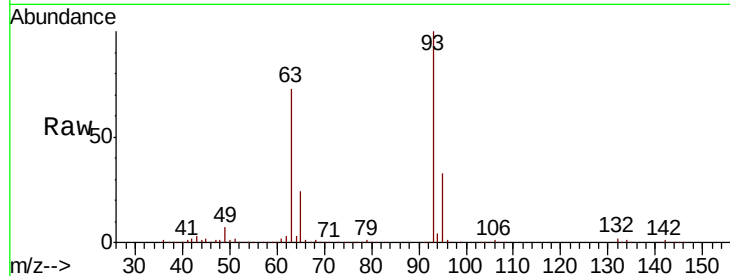
Tot Ion: 93 Resp: 949454

Ion Ratio Lower Upper

93 100

63 73.1 51.5 91.5

95 33.2 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 38.830 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

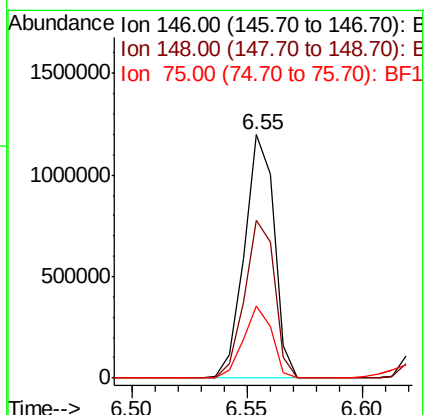
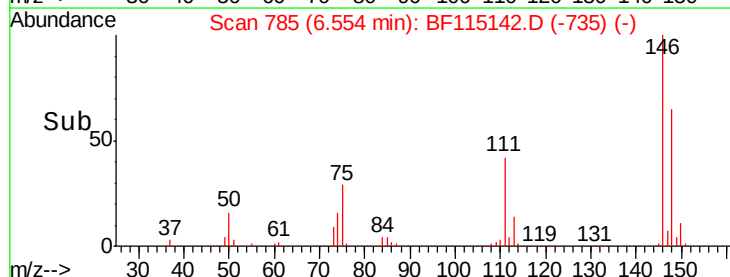
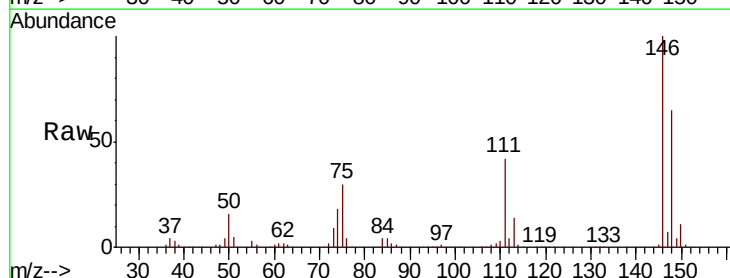
Tgt Ion: 146 Resp: 1085585

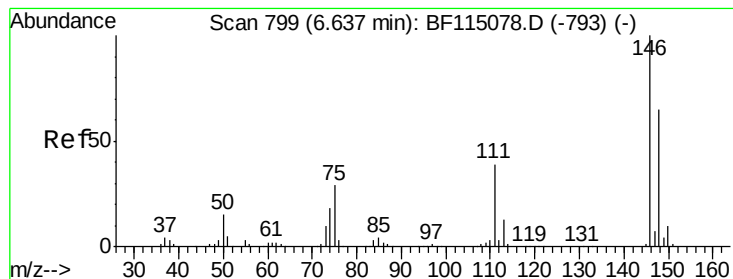
Ion Ratio Lower Upper

146 100

148 64.9 52.6 78.8

75 29.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 39.268 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

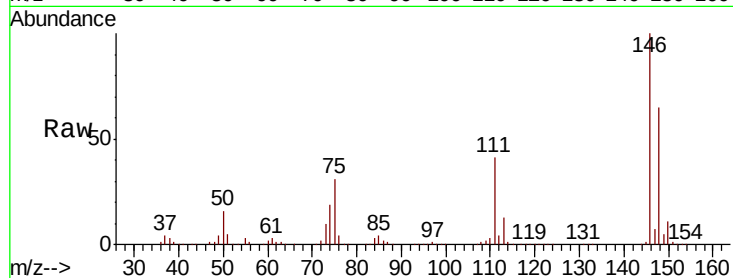
Tot Ion:146 Resp: 1100897

Ion Ratio Lower Upper

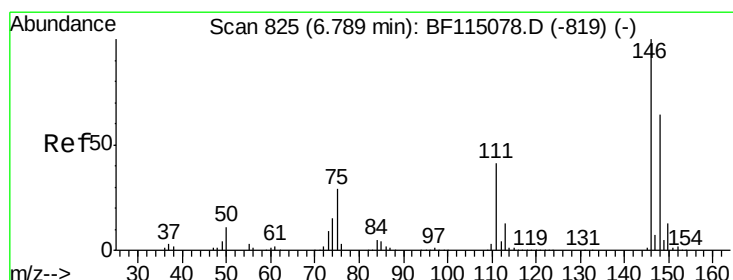
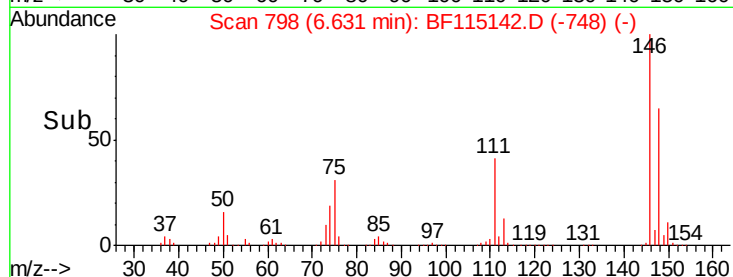
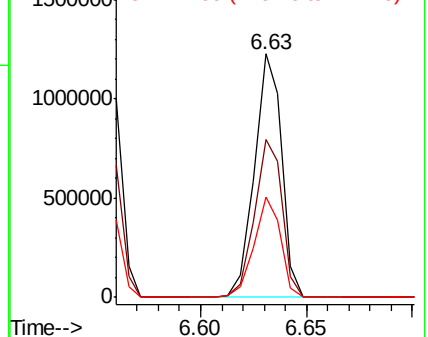
146 100

148 64.8 51.9 77.9

111 41.1 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.080 ng

RT: 6.79 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

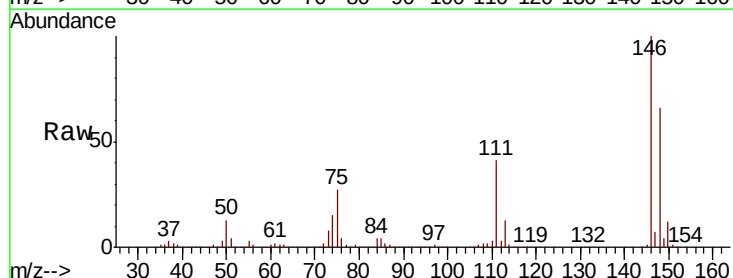
Tgt Ion:146 Resp: 1014601

Ion Ratio Lower Upper

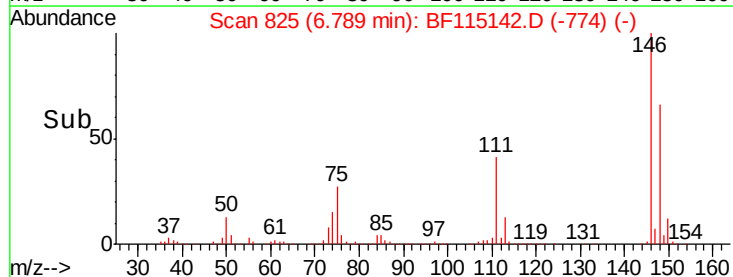
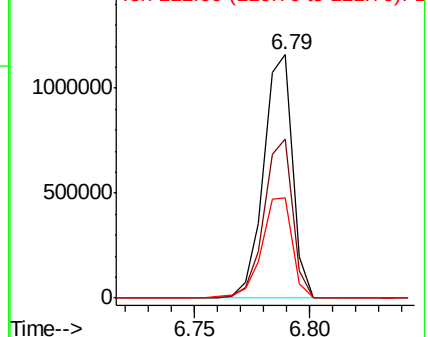
146 100

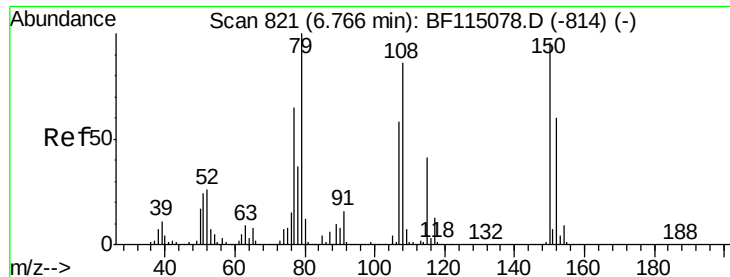
148 65.6 51.1 76.7

111 41.3 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.399 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

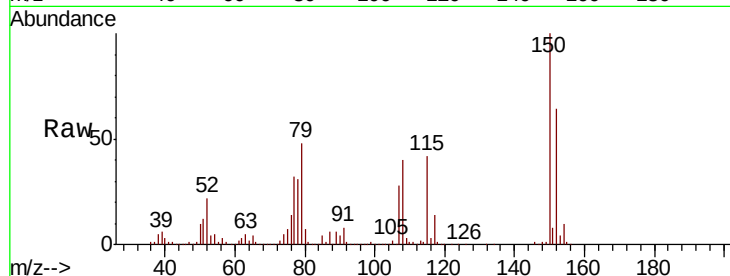
Tot Ion: 79 Resp: 799912

Ion Ratio Lower Upper

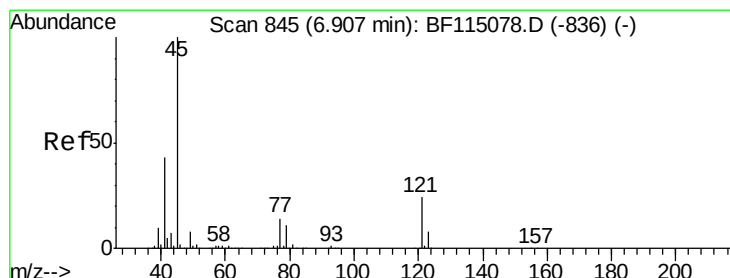
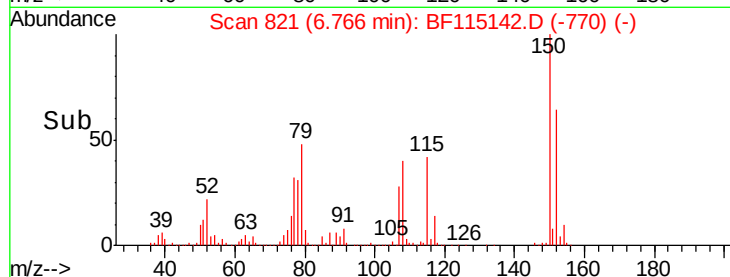
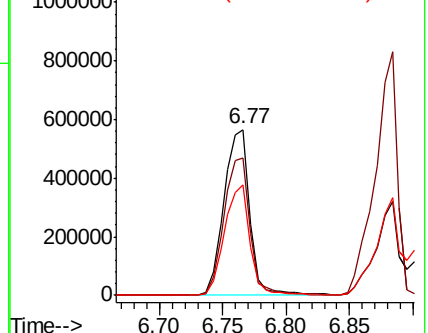
79 100

108 83.2 68.7 103.1

77 66.4 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.548 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

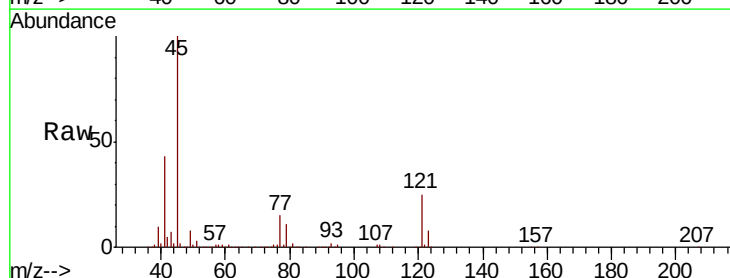
Tgt Ion: 45 Resp: 1380815

Ion Ratio Lower Upper

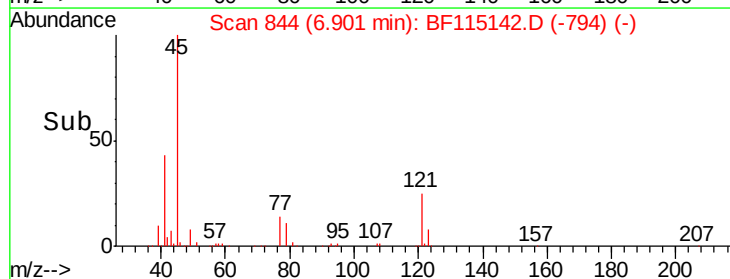
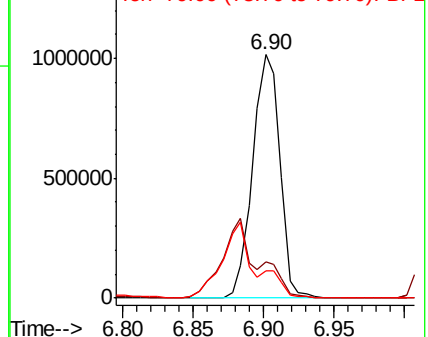
45 100

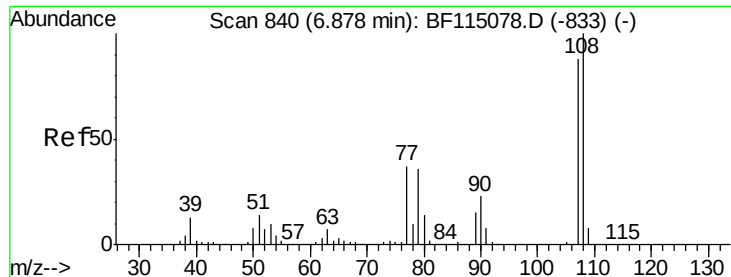
77 15.1 0.0 34.6

79 11.4 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.425 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:107 Resp: 882173

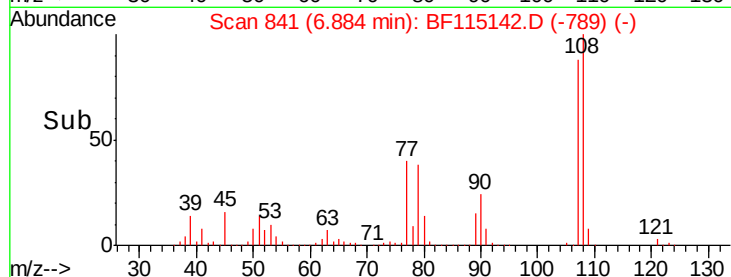
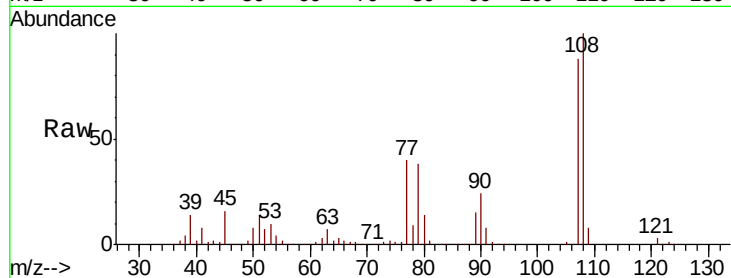
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 45.2 33.4 50.2

79 43.4 32.3 48.5

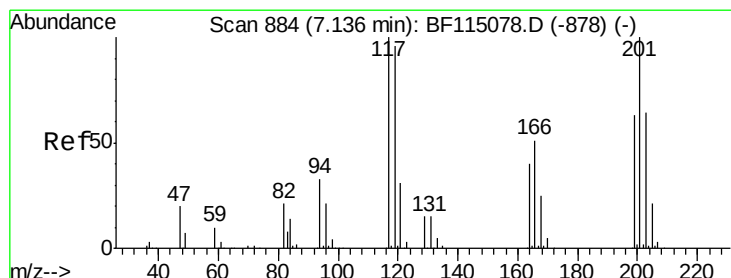
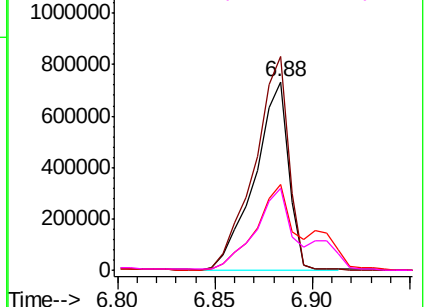


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.804 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

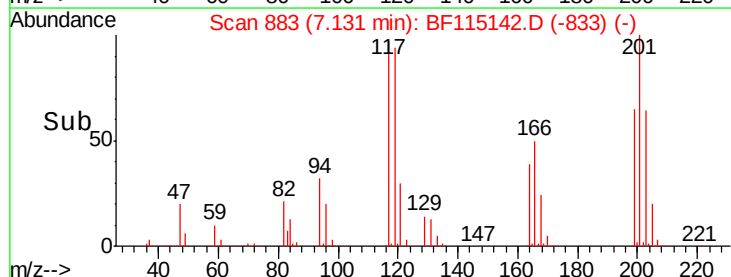
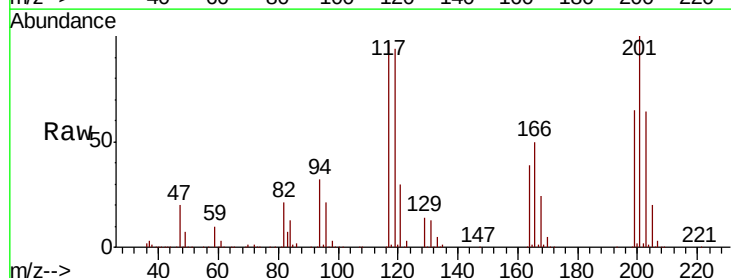
Tgt Ion:117 Resp: 402309

Ion Ratio Lower Upper

117 100

119 97.4 76.6 114.8

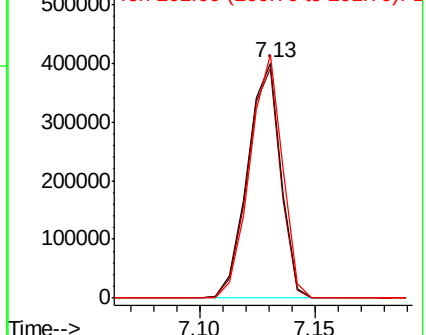
201 103.6 80.2 120.2

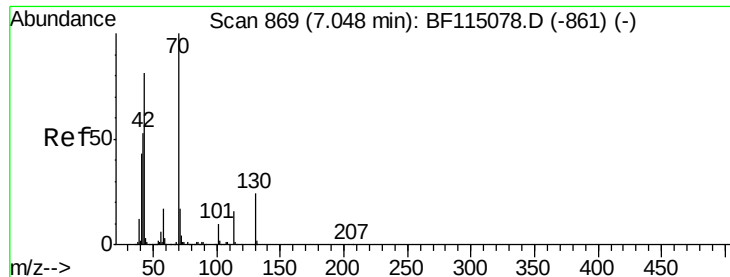


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

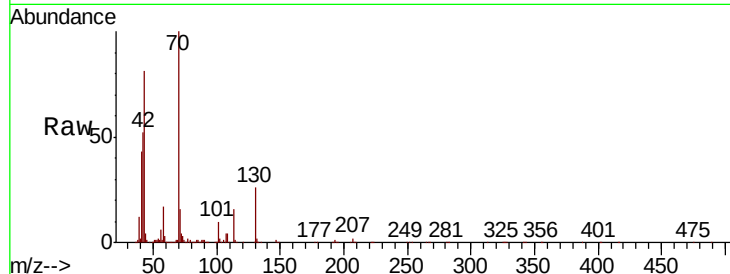




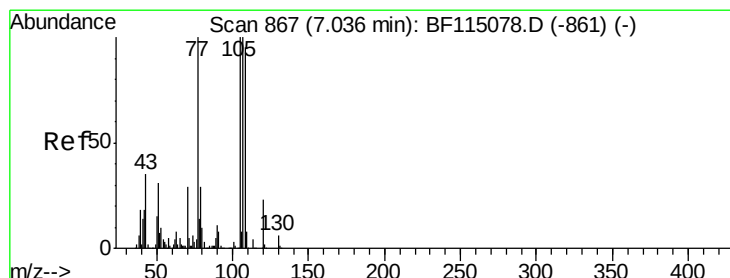
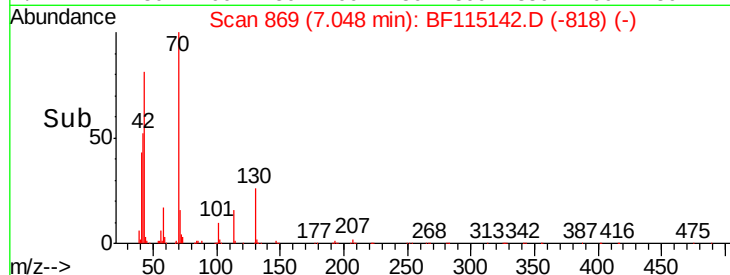
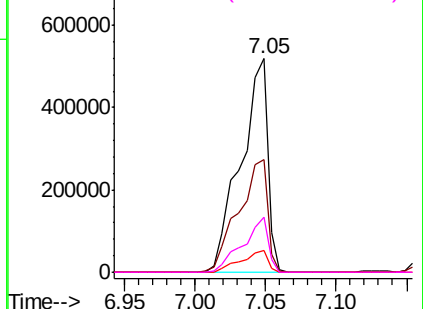
#19
n-Nitroso-di-n-propylamine
Concen: 39.942 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:	70	Resp:	695342
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.6	63.8
101	10.0	8.0	12.0
130	25.6	19.4	29.0

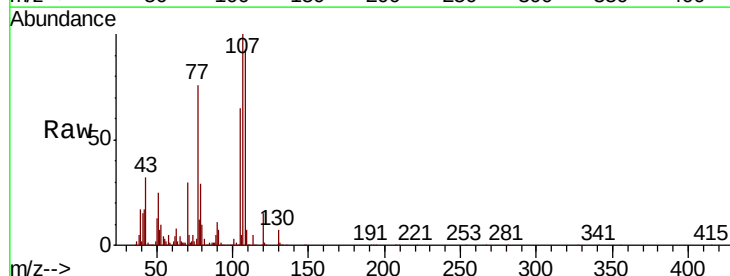


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

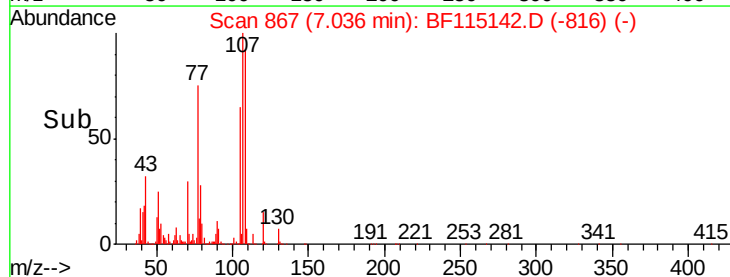
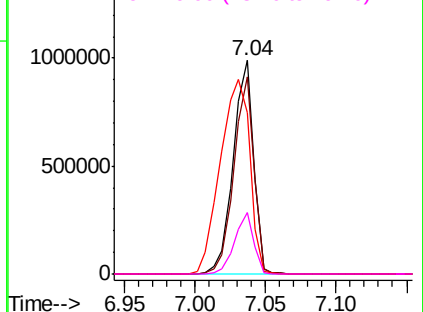


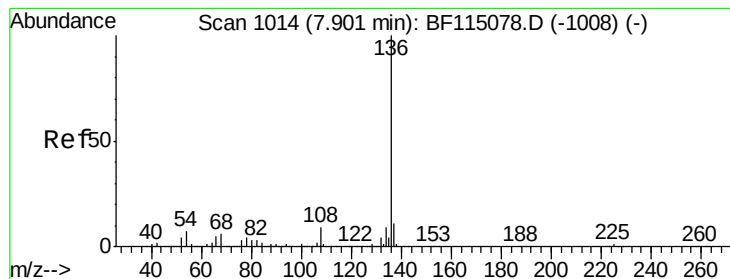
#20
3+4-Methylphenols
Concen: 41.313 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:	107	Resp:	991929
Ion	Ratio	Lower	Upper
107	100		
108	92.5	75.5	115.5
77	75.6	80.2	120.2#
79	29.0	9.5	49.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:136 Resp: 1372371

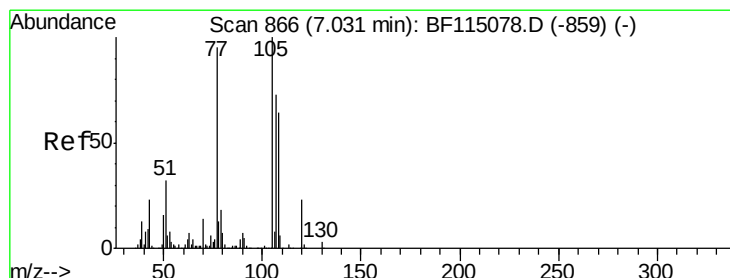
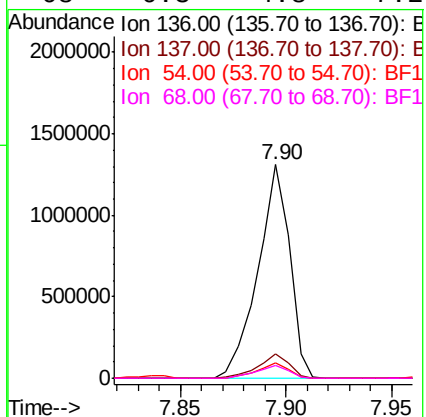
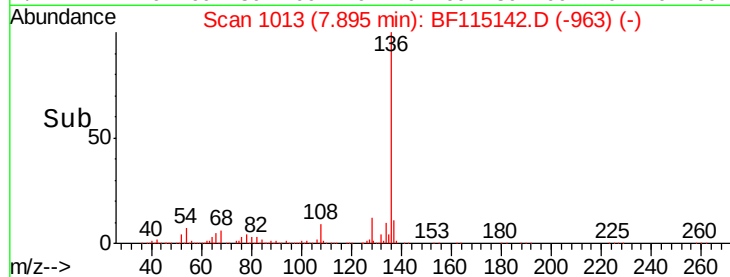
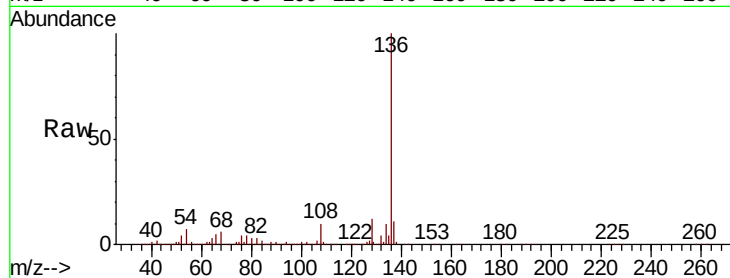
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	5.6	8.4
68	6.3	4.8	7.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.999 ng

RT: 7.02 min Scan# 865

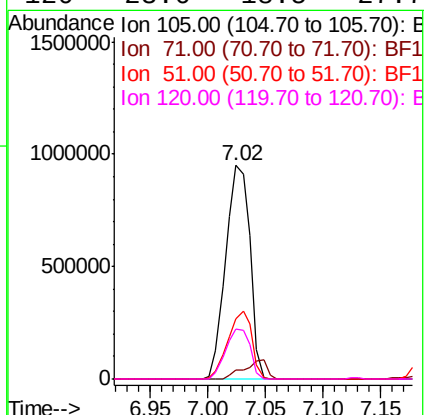
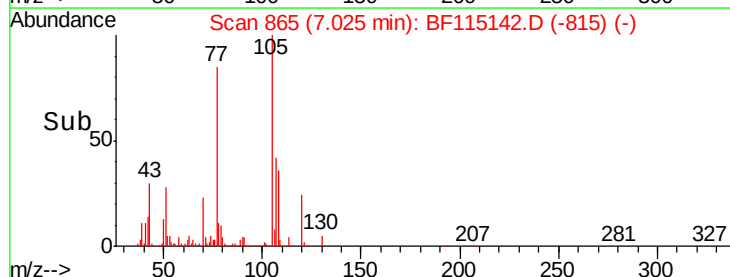
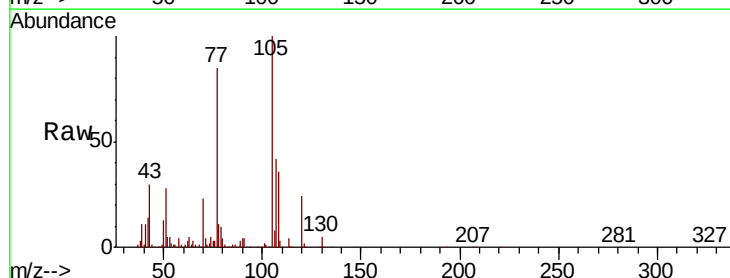
Delta R.T. -0.01 min

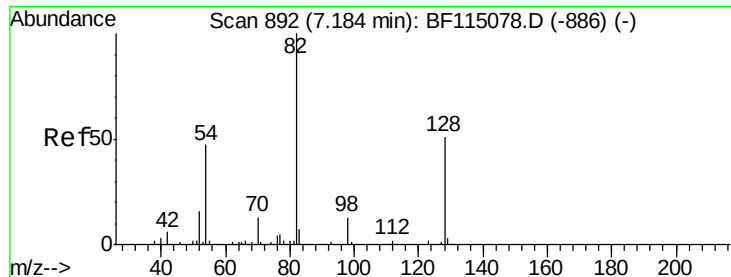
Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:105 Resp: 1382375

Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.9	2.9#
51	28.4	25.8	38.8
120	23.6	18.5	27.7



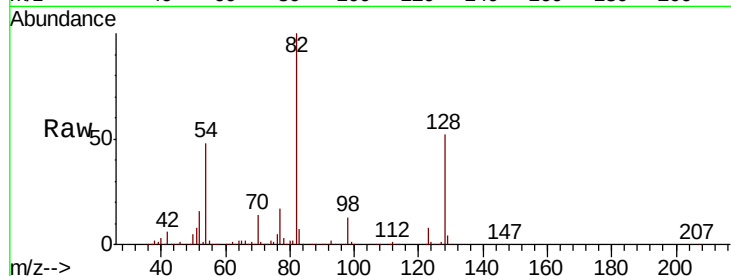


#23
 Nitrobenzene-d5
 Concen: 88.390 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

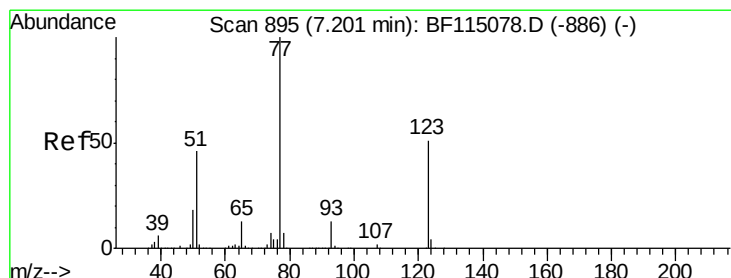
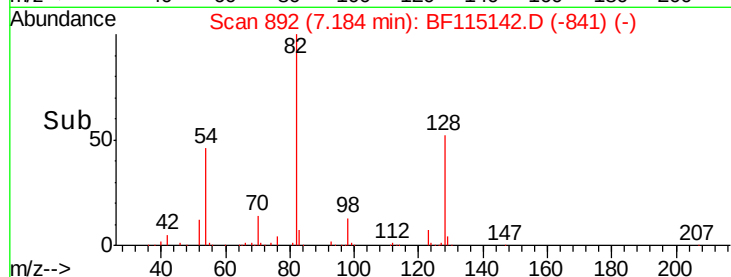
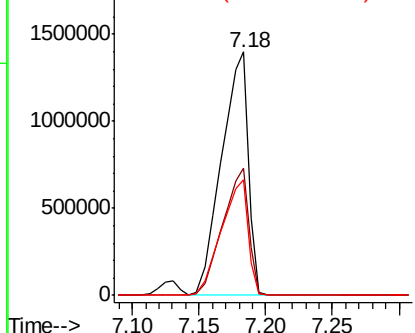
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion: 82 Resp: 1971927

Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.4	60.6
54	47.7	37.5	56.3



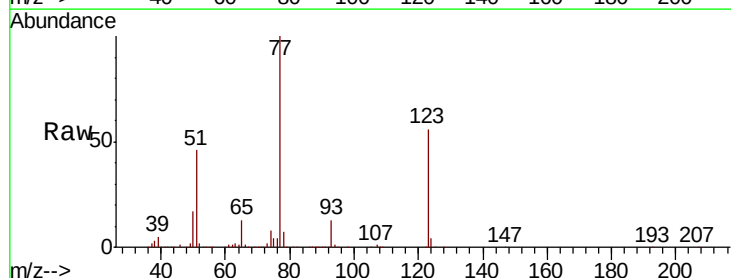
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



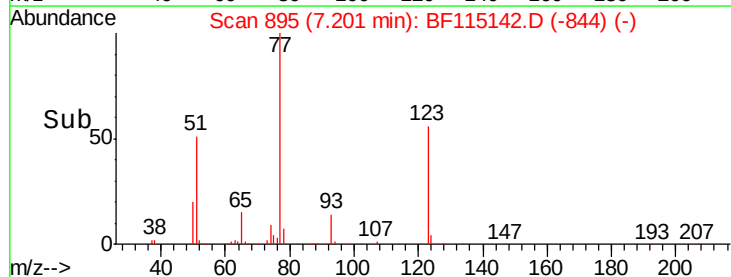
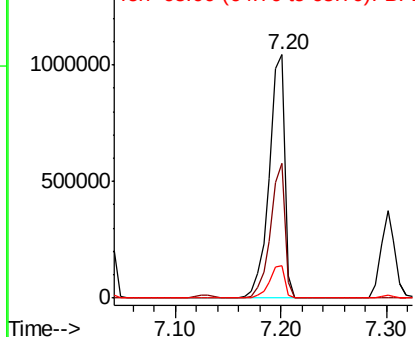
#24
 Nitrobenzene
 Concen: 43.349 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

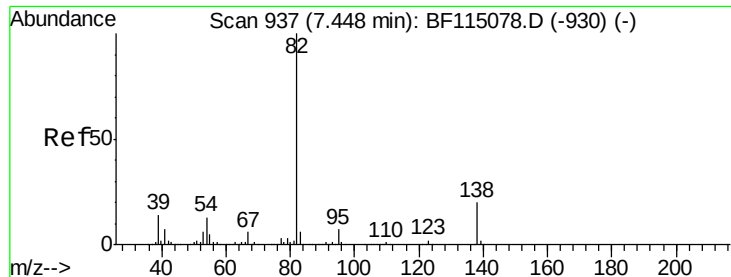
Tgt Ion: 77 Resp: 1065417

Ion	Ratio	Lower	Upper
77	100		
123	55.6	41.0	61.6
65	13.2	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.959 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

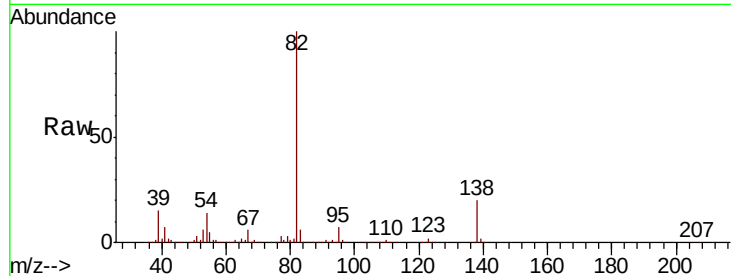
Tot Ion: 82 Resp: 2009008

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

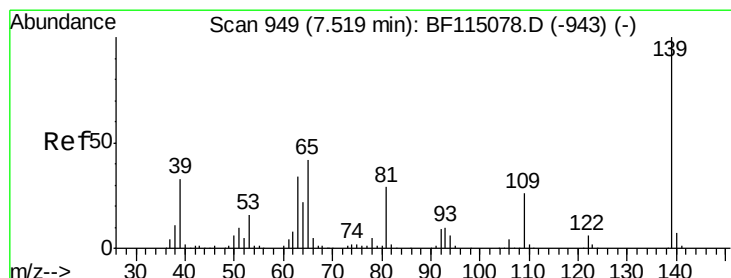
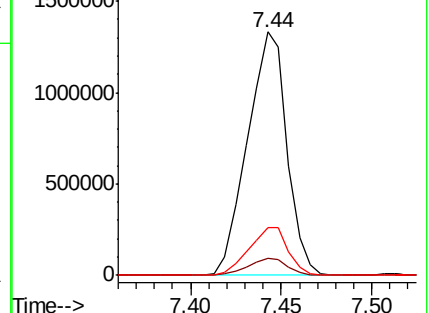
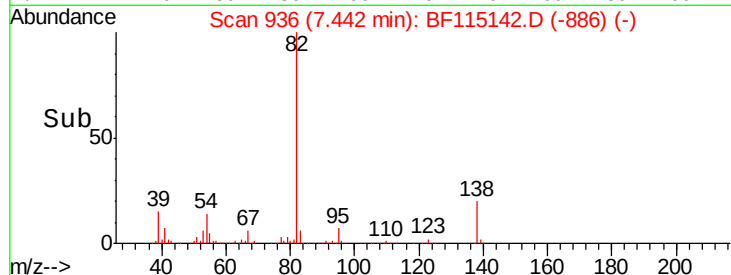
138 19.8 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.766 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

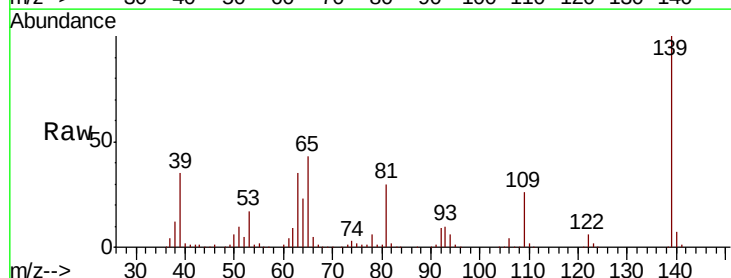
Tgt Ion: 139 Resp: 604038

Ion Ratio Lower Upper

139 100

109 26.0 20.4 30.6

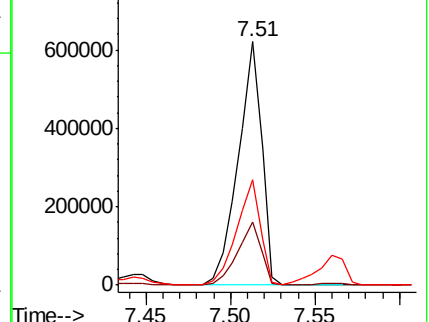
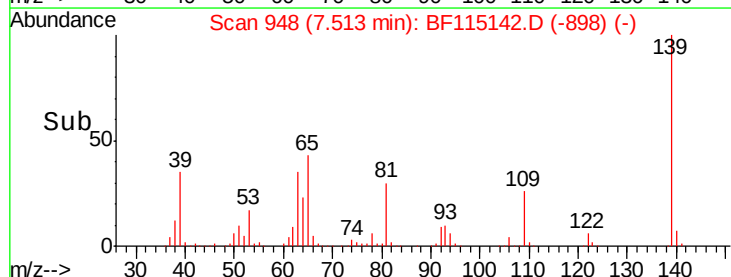
65 43.1 33.6 50.4

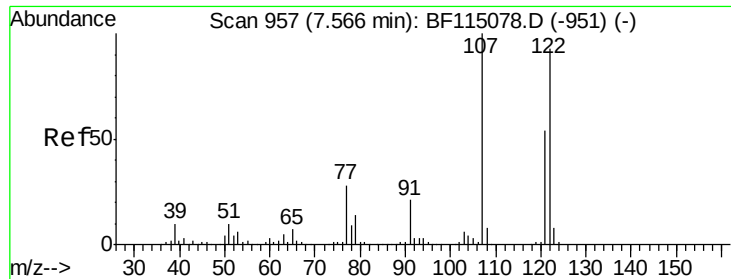


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

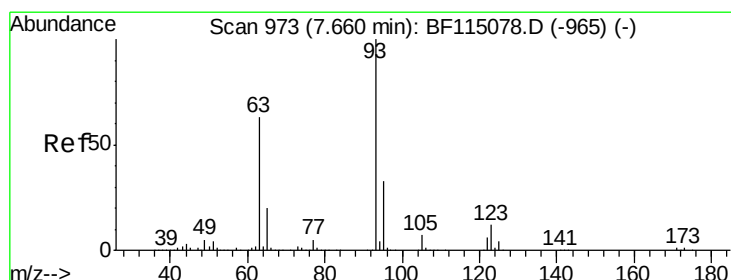
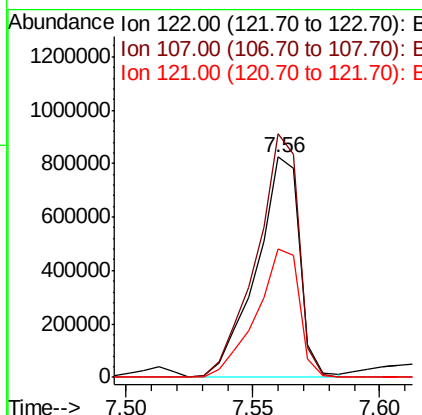
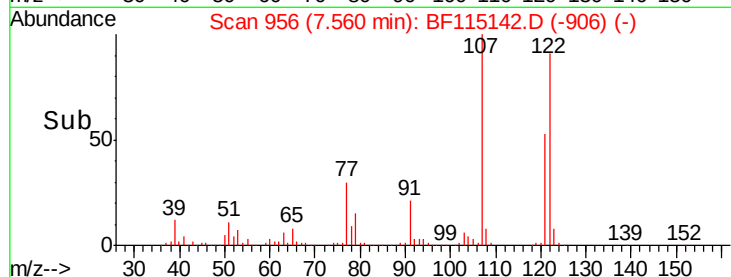
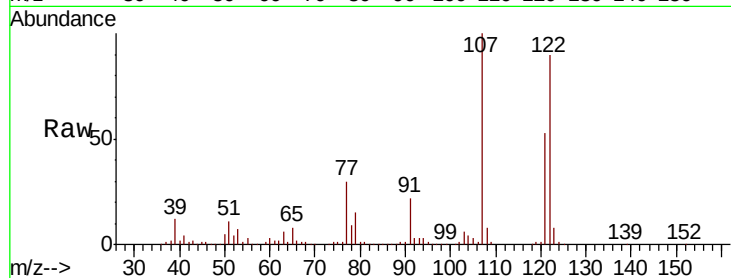




#27
 2,4-Dimethylphenol
 Concen: 49.546 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

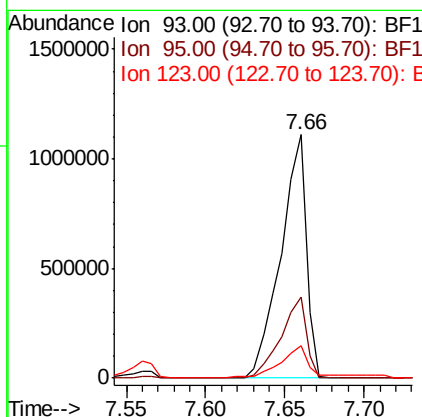
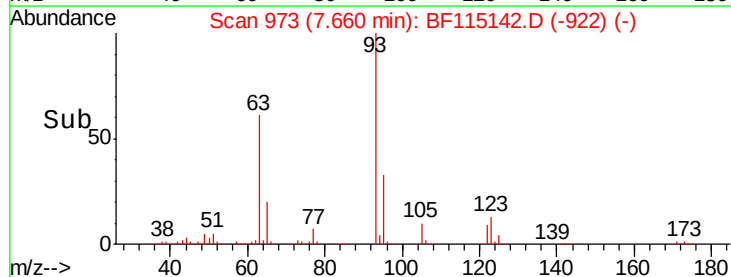
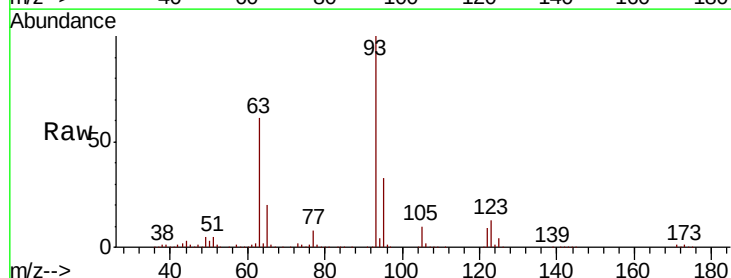
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

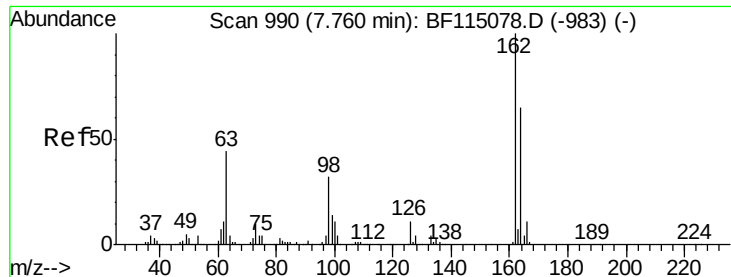
Tot Ion:122 Resp: 984627
 Ion Ratio Lower Upper
 122 100
 107 110.5 85.8 128.6
 121 58.3 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.151 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion: 93 Resp: 1246450
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 13.3 9.7 14.5

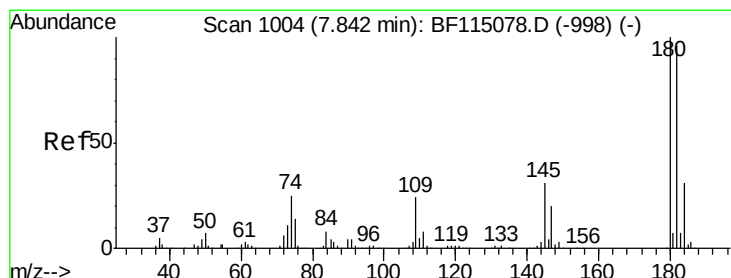
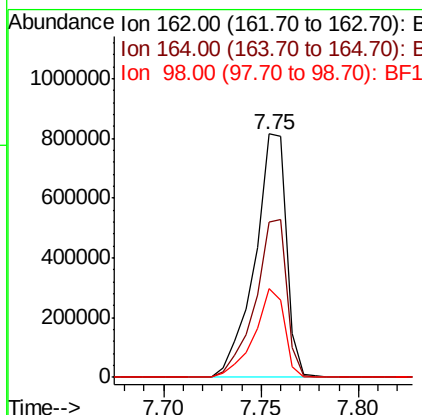
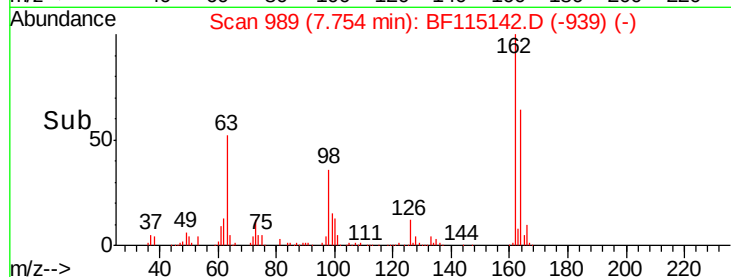
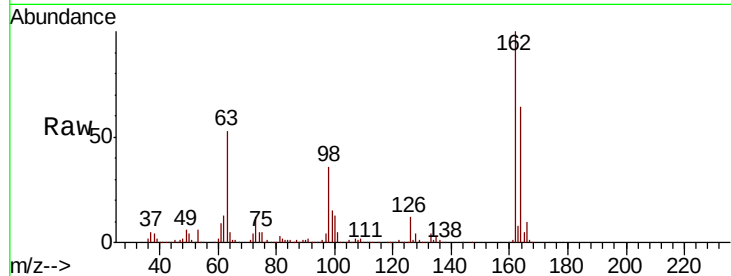




#29
2,4-Dichlorophenol
Concen: 44.927 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

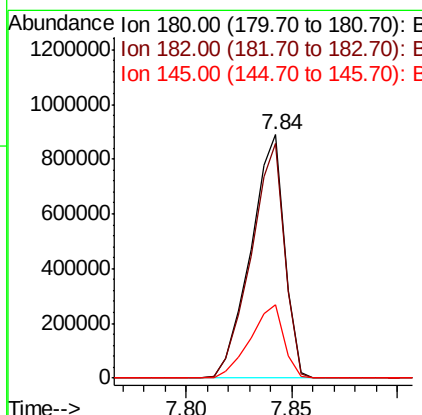
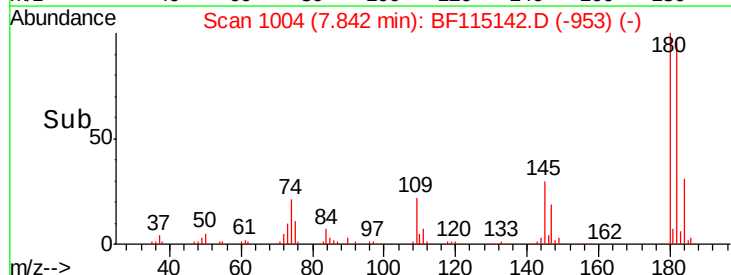
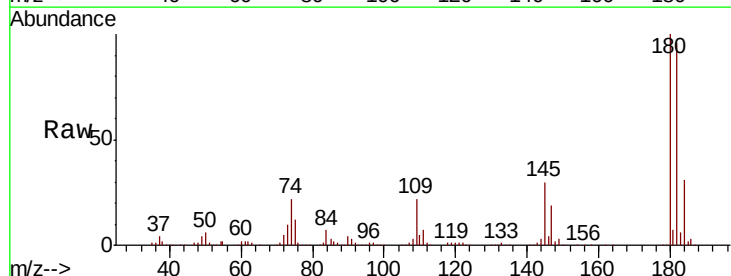
Instrument :
BNA_F
ClientSampleId :
PB120777BS

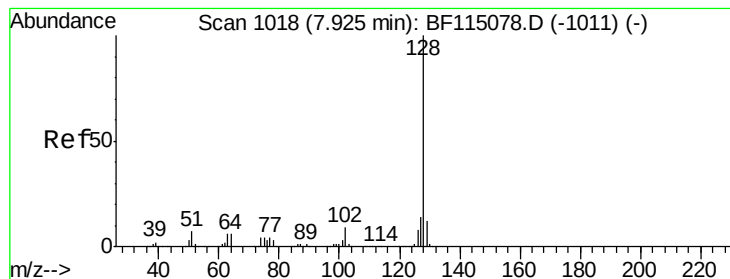
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.3	85.3
98	36.5	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.568 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	30.2	24.8	37.2





#31

Naphthalene

Concen: 42.832 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

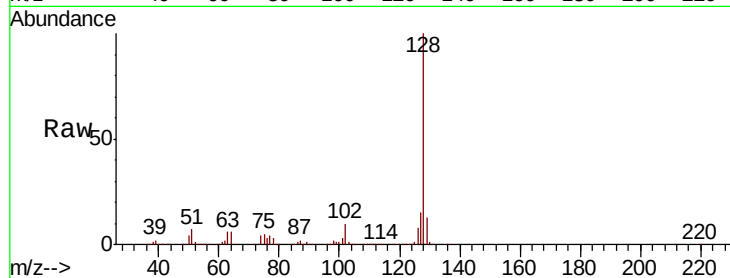
Tot Ion:128 Resp: 2885448

Ion Ratio Lower Upper

128 100

129 12.5 9.6 14.4

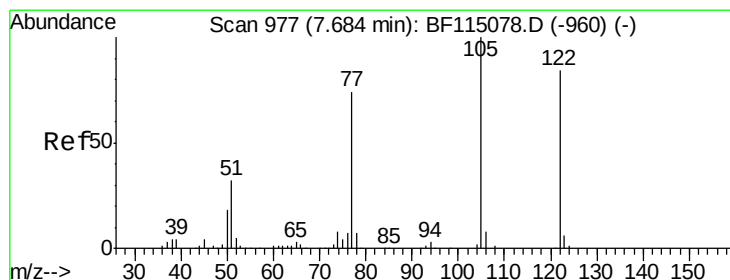
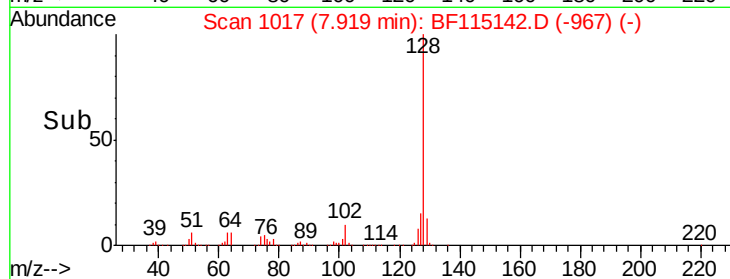
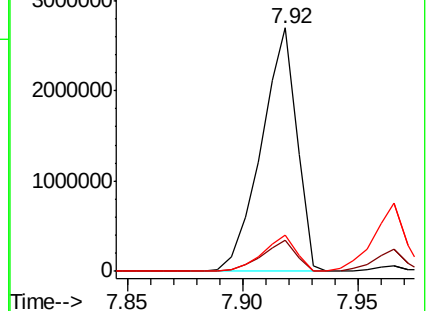
127 14.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.991 ng

RT: 7.71 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

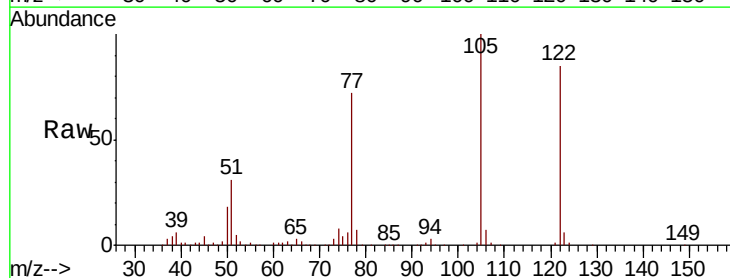
Tgt Ion:122 Resp: 808445

Ion Ratio Lower Upper

122 100

105 117.7 98.2 138.2

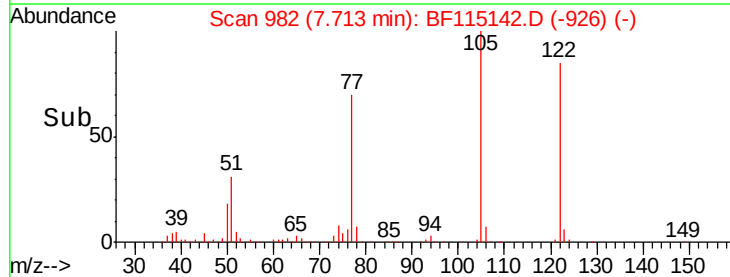
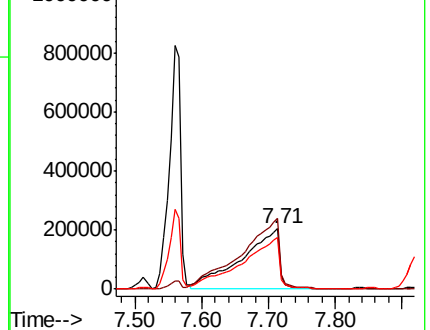
77 84.9 67.0 107.0

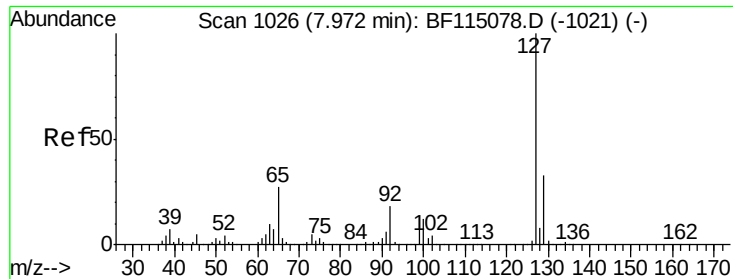


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

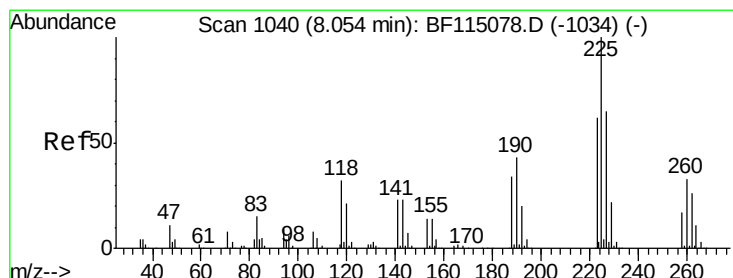
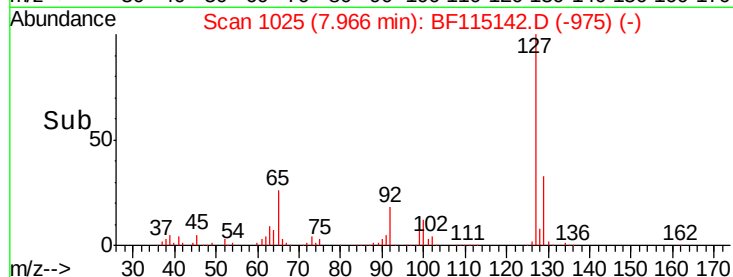
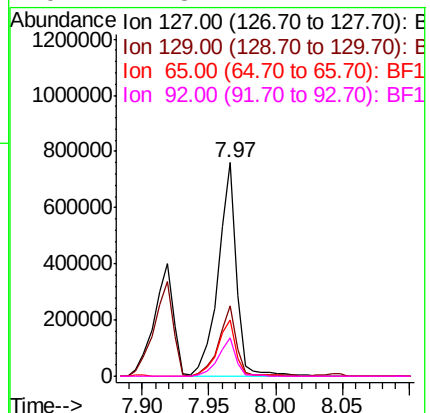
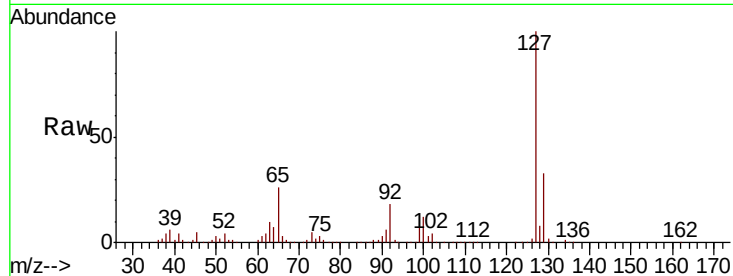




#33
4-Chloroaniline
Concen: 23.793 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

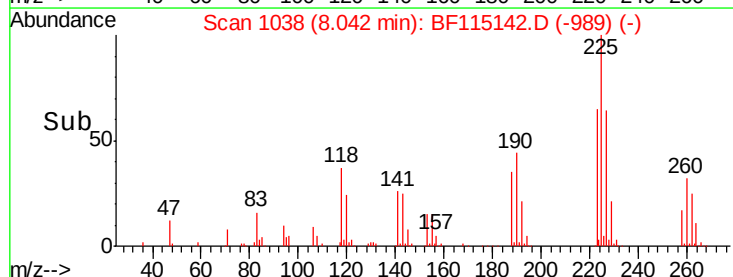
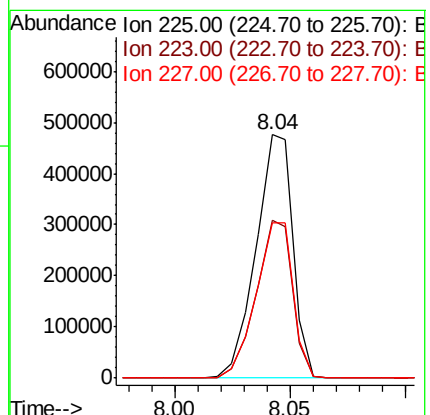
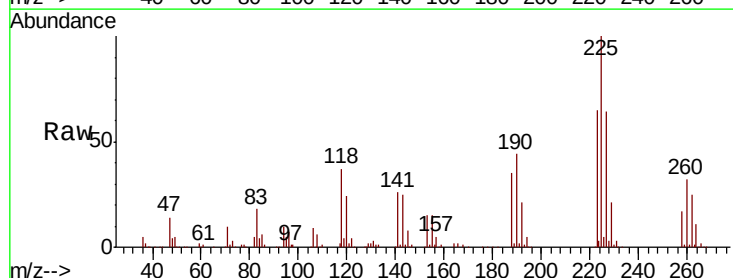
Instrument :
BNA_F
ClientSampleId :
PB120777BS

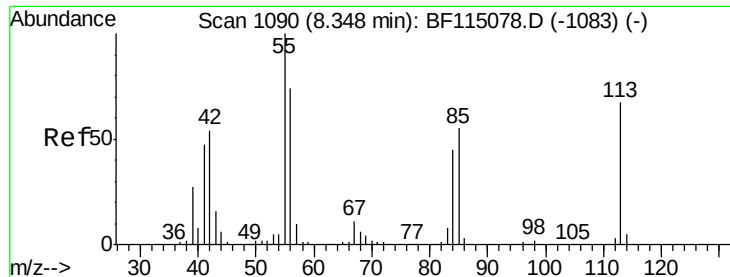
Tot Ion:	127	Resp:	732531
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	26.4	21.4	32.2
92	17.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.646 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:	225	Resp:	529415
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.2
227	63.6	51.8	77.8

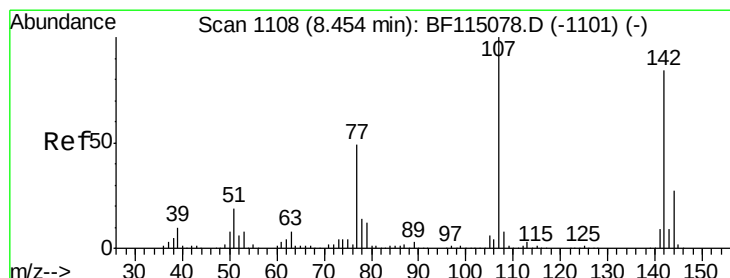
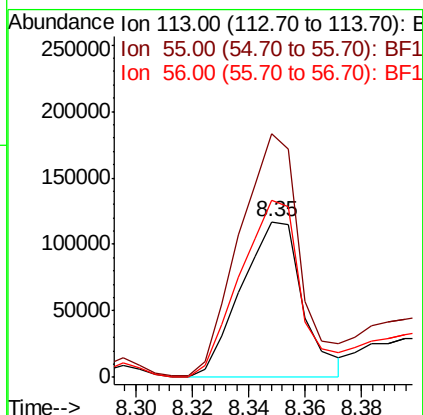
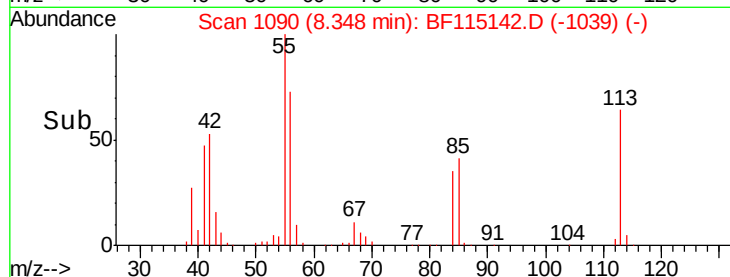
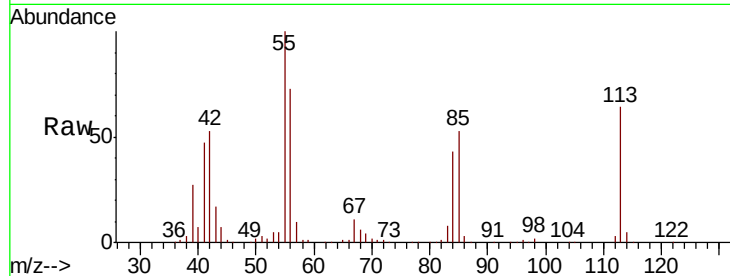




#35
Caprolactam
Concen: 25.650 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

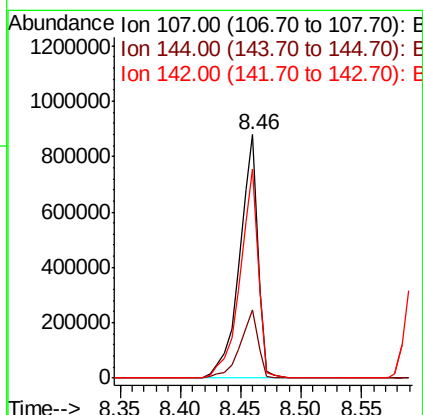
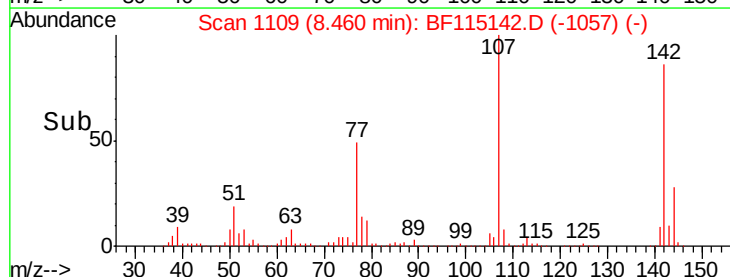
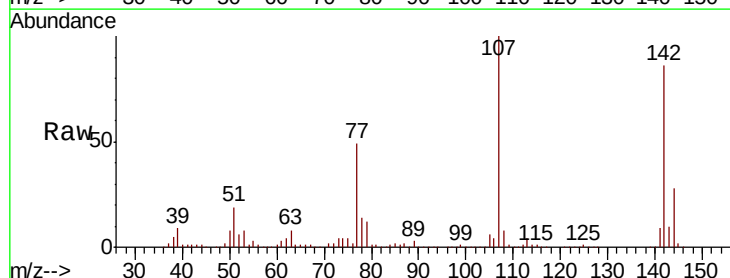
Instrument :
BNA_F
ClientSampleId :
PB120777BS

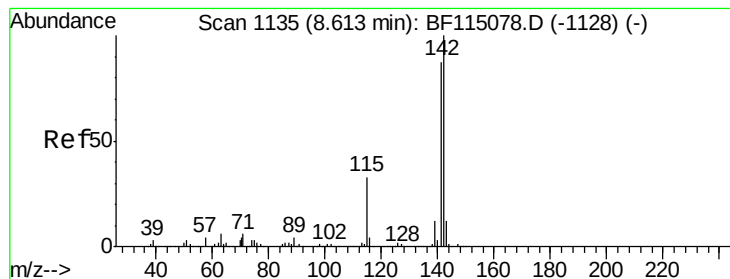
Tot Ion:113 Resp: 176862
Ion Ratio Lower Upper
113 100
55 156.6 130.2 170.2
56 113.9 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 45.001 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:107 Resp: 934655
Ion Ratio Lower Upper
107 100
144 28.0 21.7 32.5
142 85.9 67.0 100.4





#37

2-Methylnaphthalene

Concen: 44.556 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

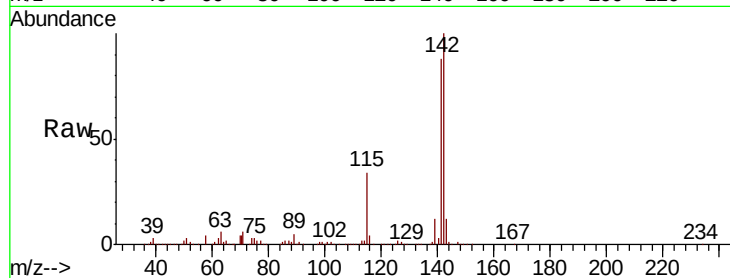
Tot Ion:142 Resp: 2023808

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.6

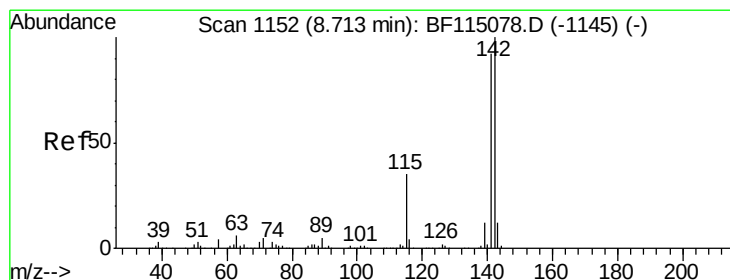
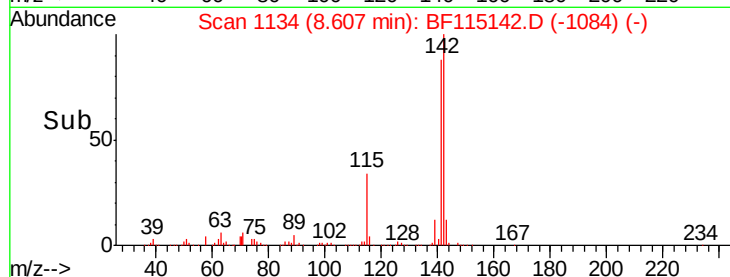
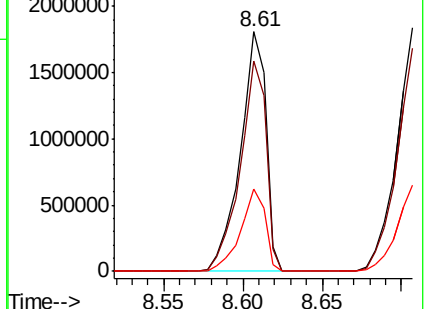
115 34.2 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.141 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

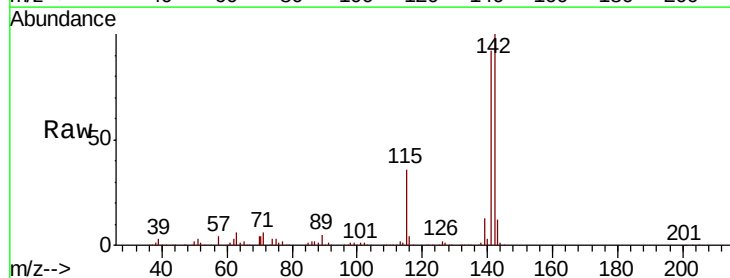
Tgt Ion:142 Resp: 1914864

Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.8

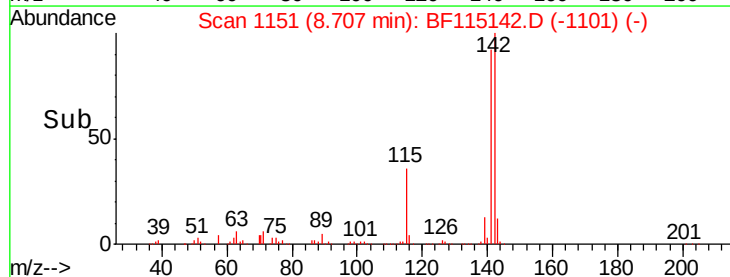
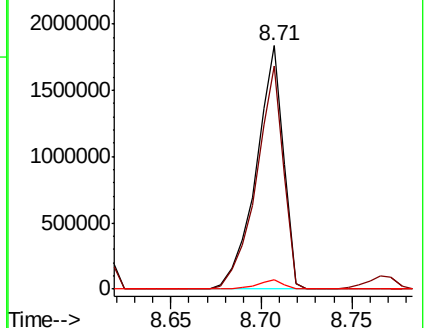
116 3.7 2.8 4.2

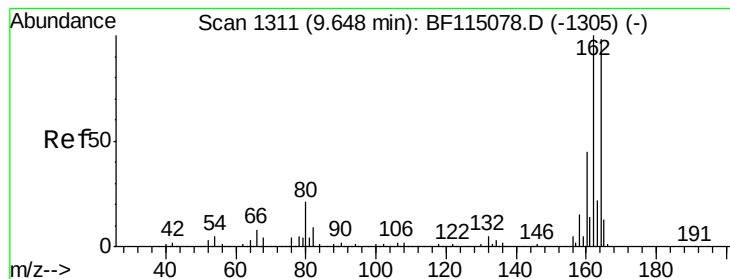


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

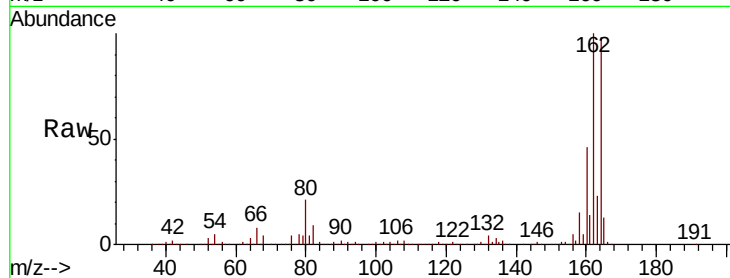
Tot Ion:164 Resp: 684209

Ion Ratio Lower Upper

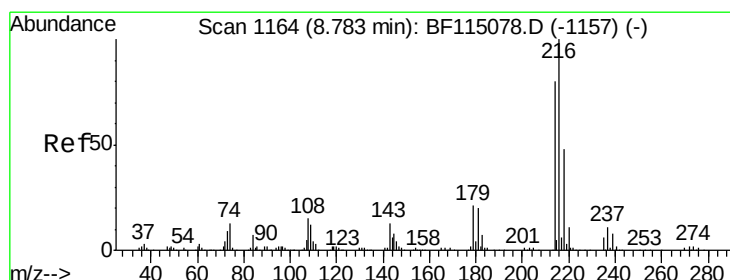
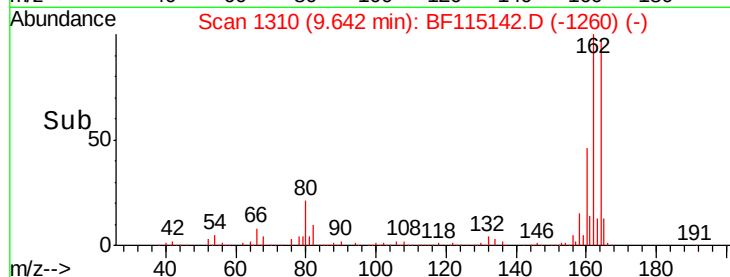
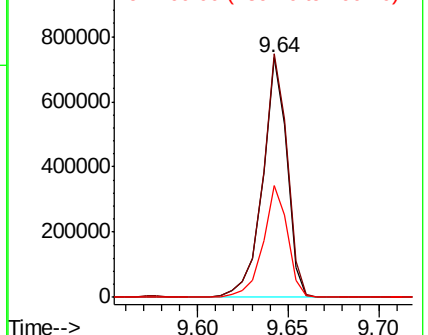
164 100

162 101.6 81.7 122.5

160 46.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.615 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:216 Resp: 823942

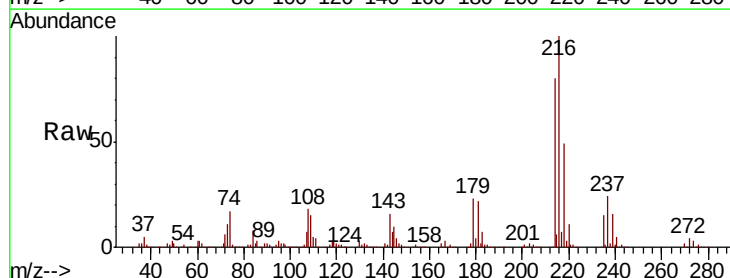
Ion Ratio Lower Upper

216 100

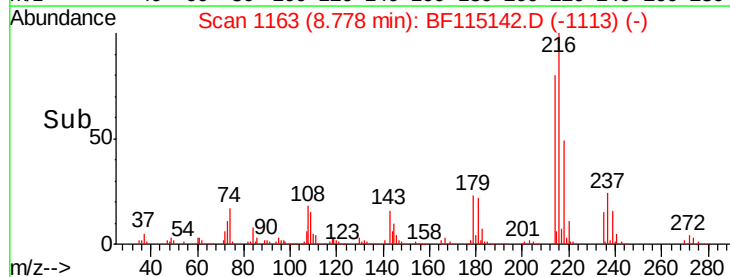
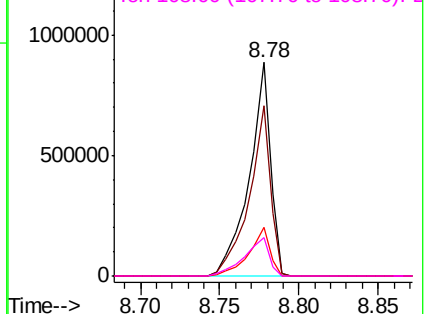
214 79.6 63.8 95.6

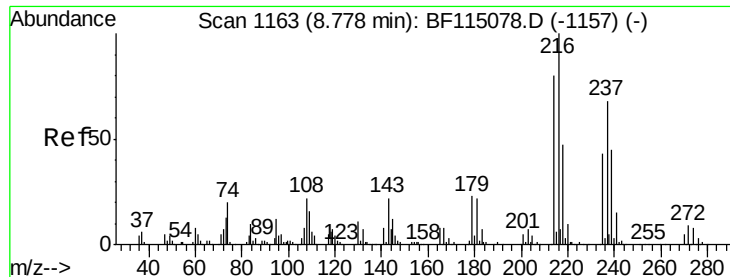
179 22.4 17.6 26.4

108 20.9 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.869 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

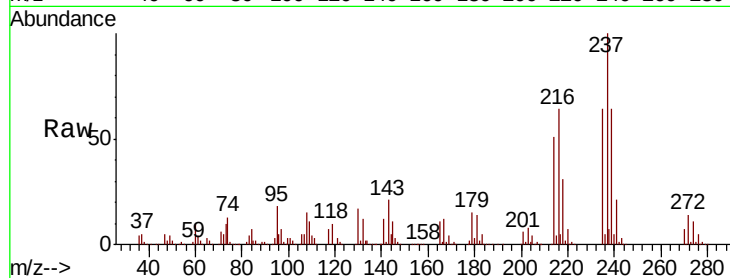
Tot Ion:237 Resp: 915672

Ion Ratio Lower Upper

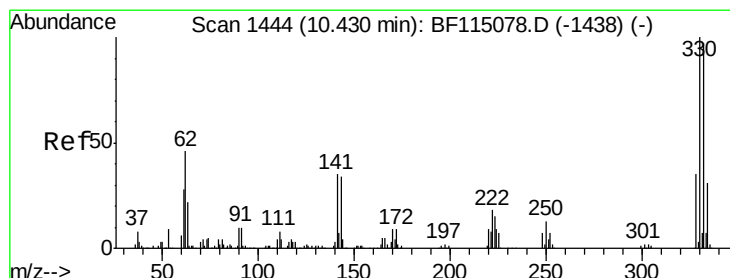
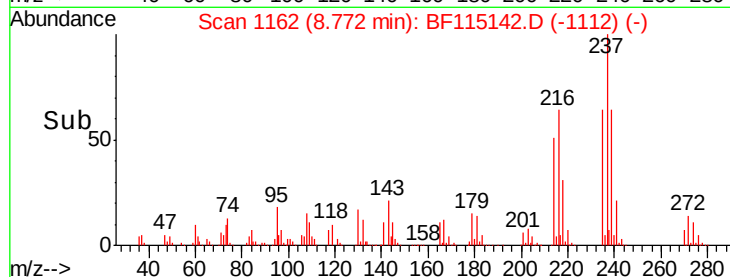
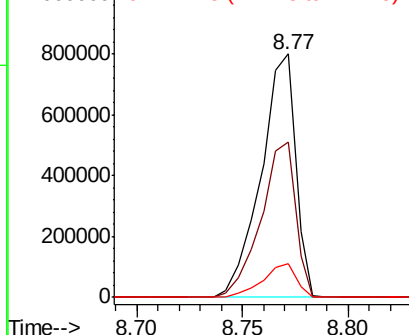
237 100

235 63.7 43.9 83.9

272 13.7 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.902 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

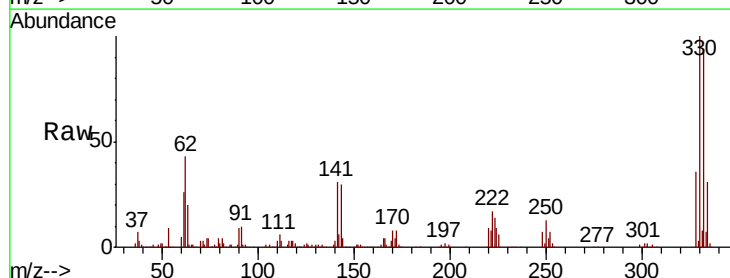
Tgt Ion:330 Resp: 901196

Ion Ratio Lower Upper

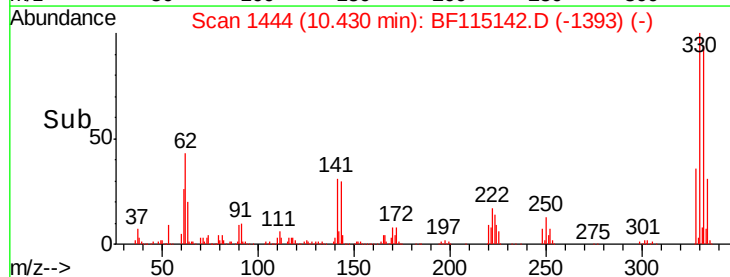
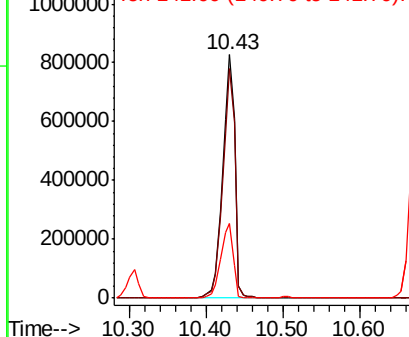
330 100

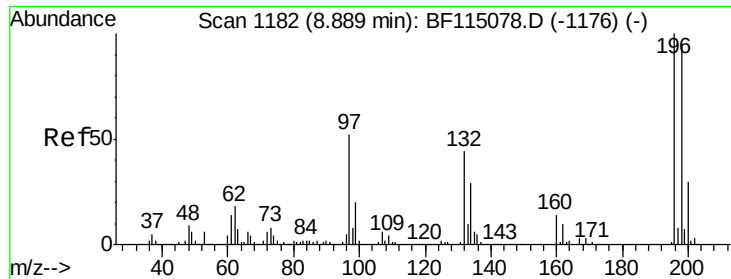
332 94.6 77.3 115.9

141 31.4 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

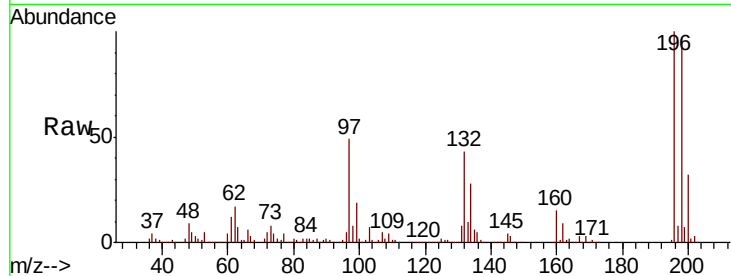




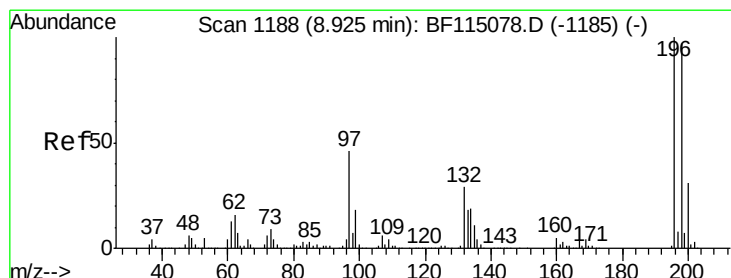
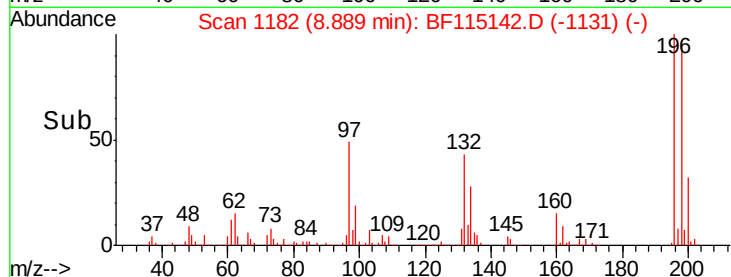
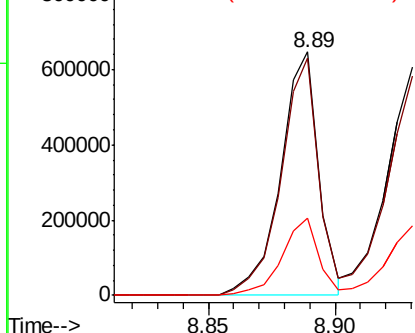
#43
 2,4,6-Trichlorophenol
 Concen: 45.455 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:196 Resp: 678498
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.3 114.5
 200 31.9 24.2 36.4

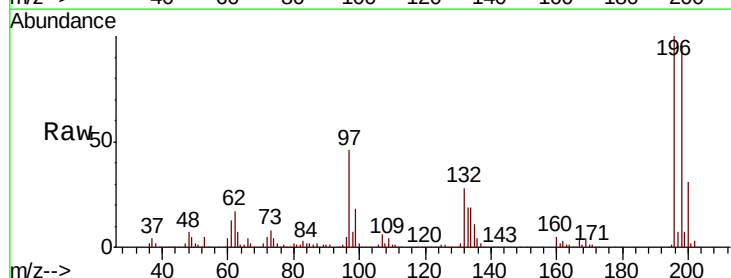


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

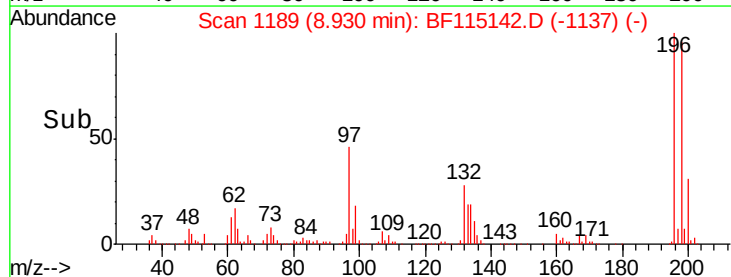
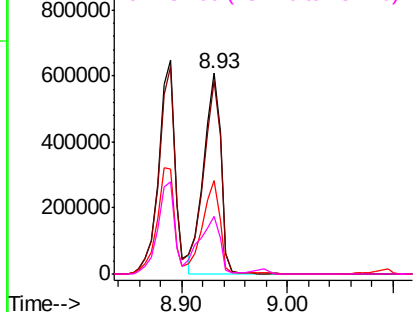


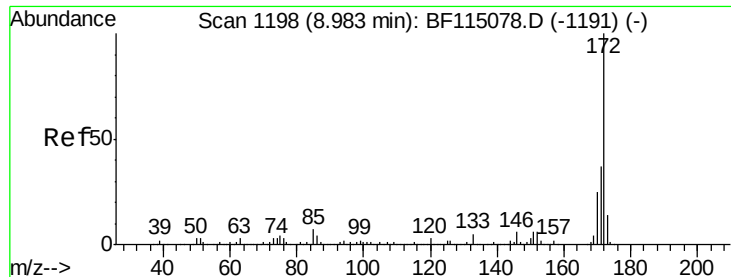
#44
 2,4,5-Trichlorophenol
 Concen: 44.842 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:196 Resp: 689306
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.1 115.7
 97 46.3 37.7 56.5
 132 28.4 23.1 34.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

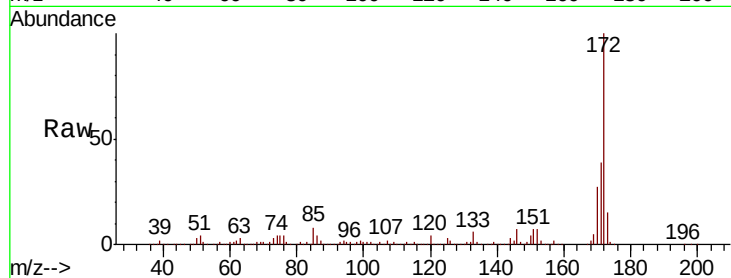




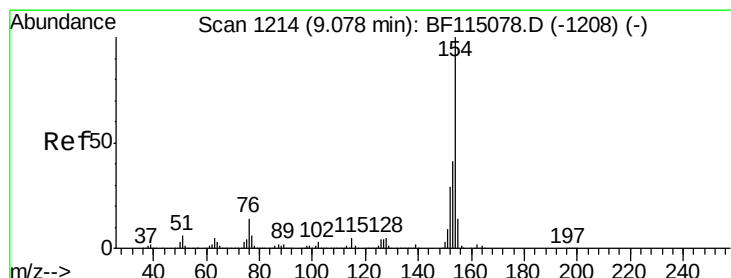
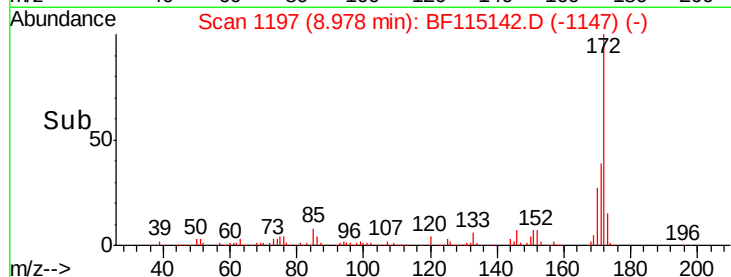
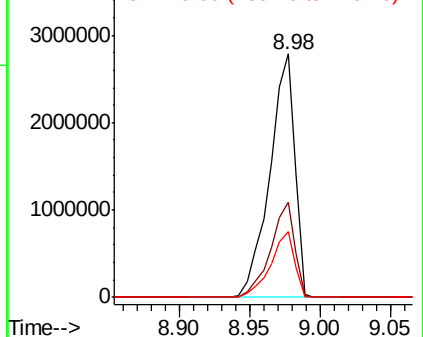
#45
2-Fluorobiphenyl
Concen: 86.337 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:172 Resp: 3477672
Ion Ratio Lower Upper
172 100
171 38.9 29.8 44.6
170 26.8 20.3 30.5

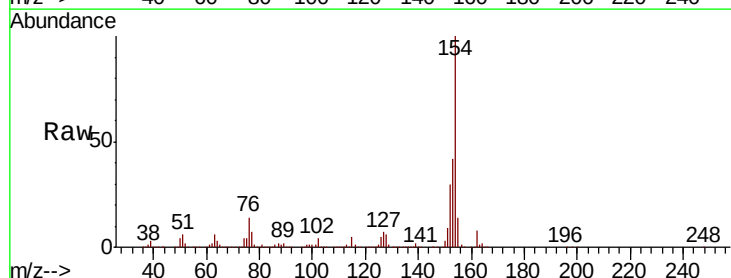


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

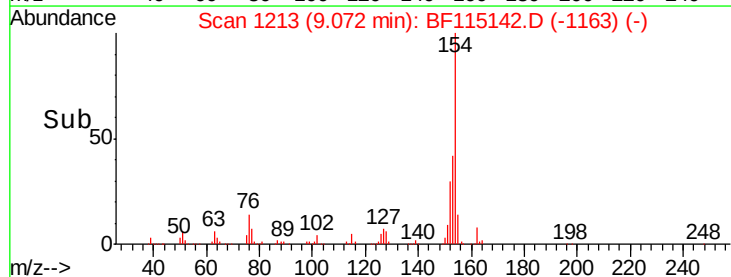
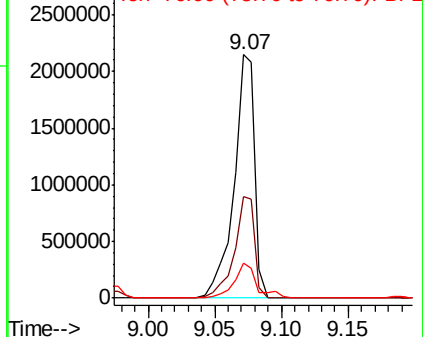


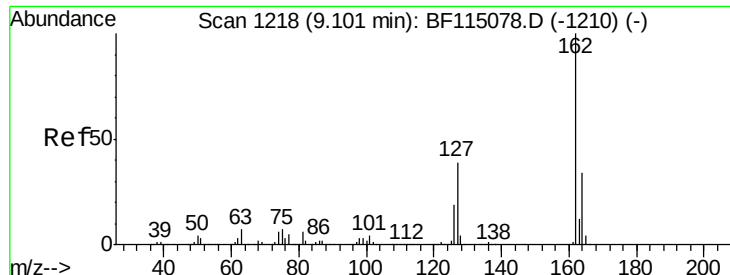
#46
1,1'-Biphenyl
Concen: 42.269 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:154 Resp: 2314090
Ion Ratio Lower Upper
154 100
153 41.7 20.9 60.9
76 14.4 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

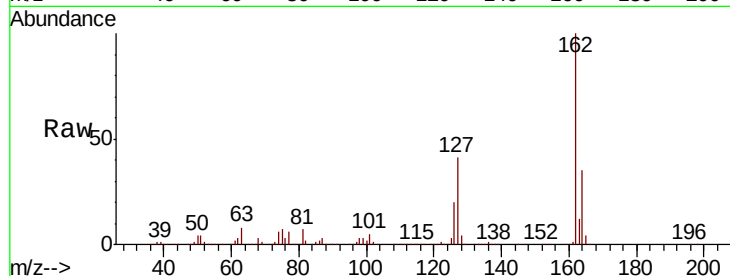




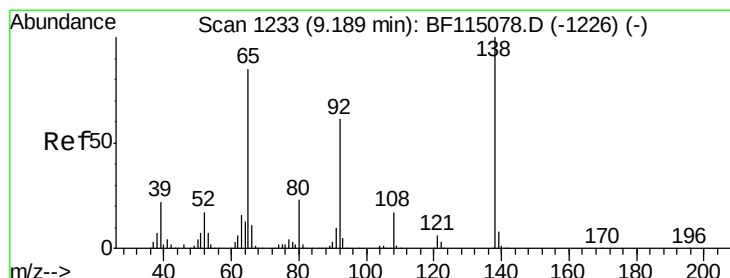
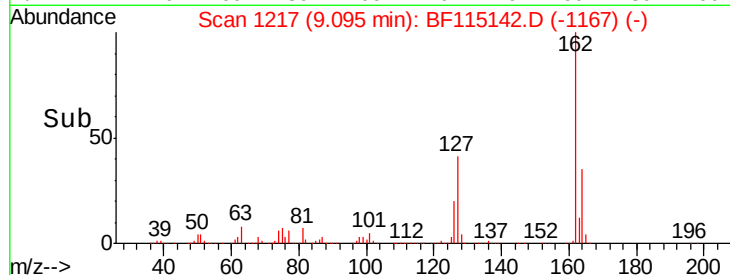
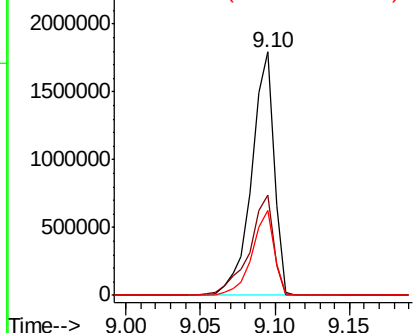
#47
 2-Chloronaphthalene
 Concen: 41.882 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:162 Resp: 1859910
 Ion Ratio Lower Upper
 162 100
 127 41.2 30.8 46.2
 164 34.9 27.0 40.4

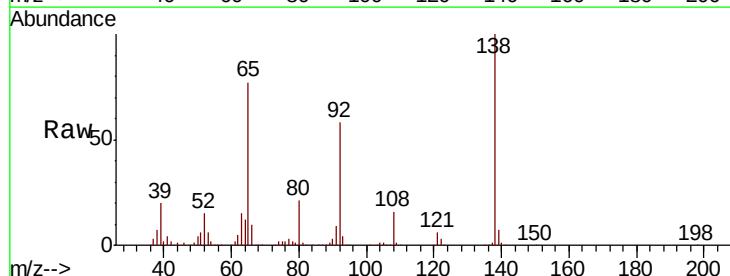


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

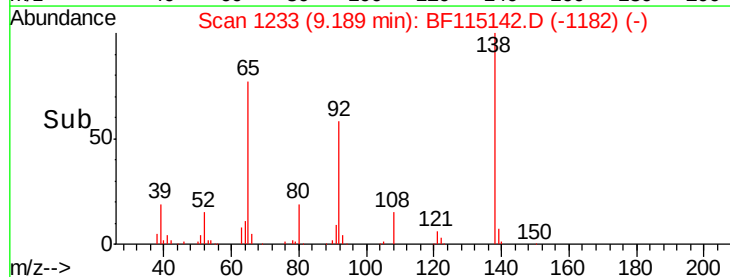
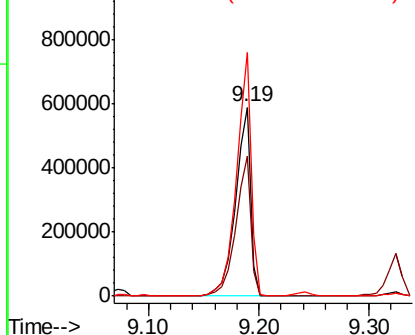


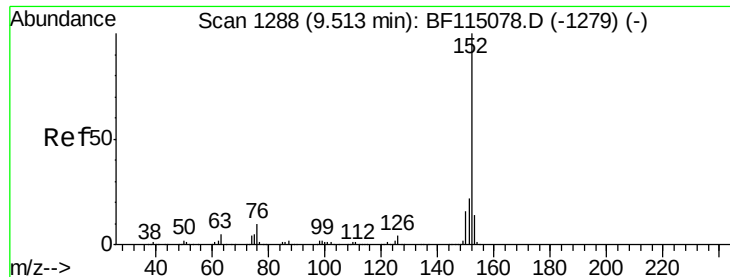
#48
 2-Nitroaniline
 Concen: 43.800 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion: 65 Resp: 567073
 Ion Ratio Lower Upper
 65 100
 92 74.4 57.4 86.2
 138 129.1 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.365 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

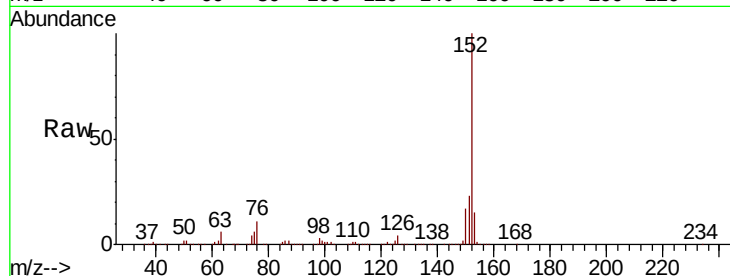
Tot Ion:152 Resp: 2862012

Ion Ratio Lower Upper

152 100

151 22.6 17.2 25.8

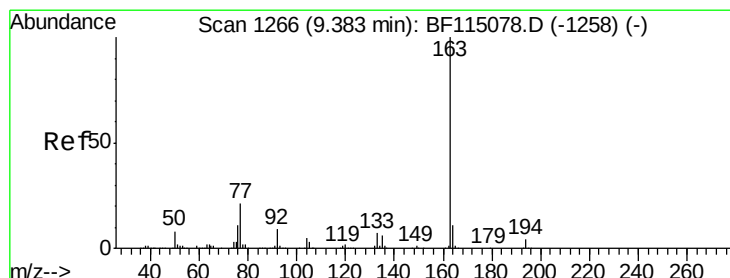
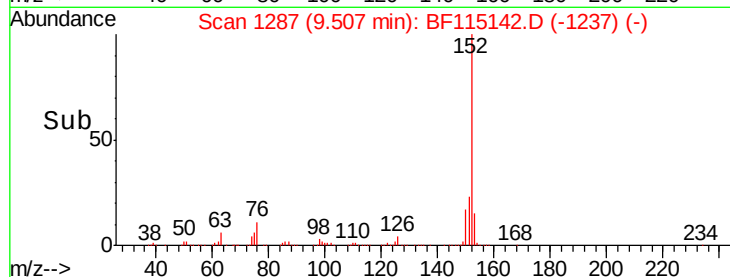
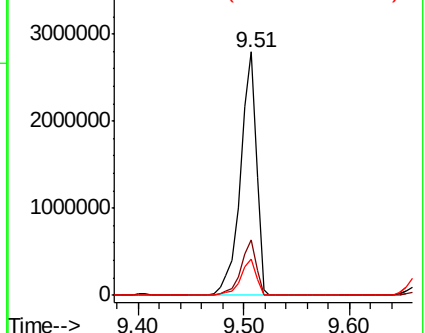
153 14.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.482 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

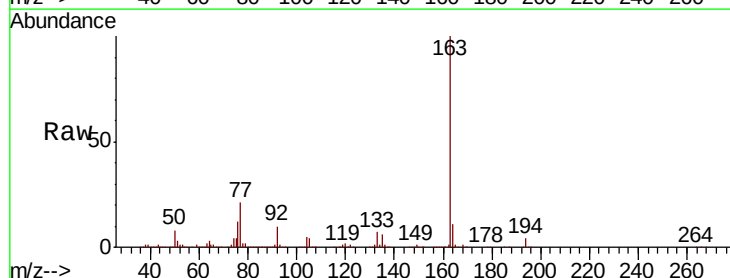
Tgt Ion:163 Resp: 2138466

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

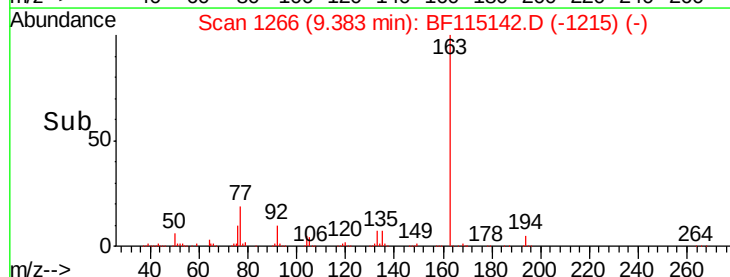
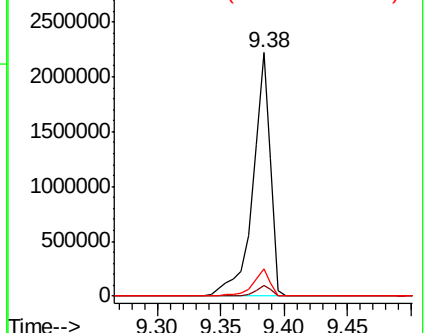
164 11.2 8.6 13.0

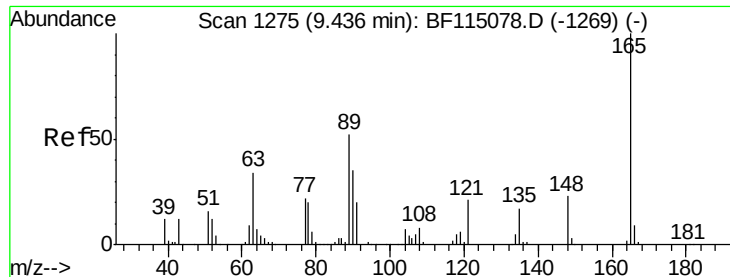


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.871 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampled :

PB120777BS

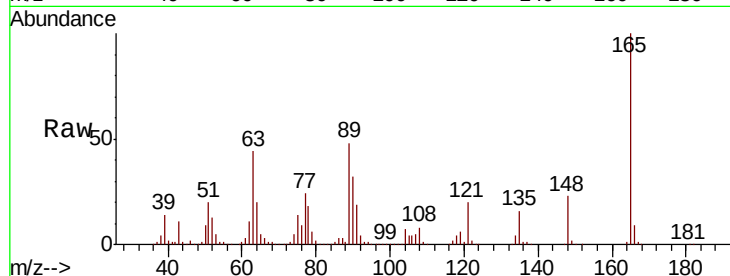
Tot Ion:165 Resp: 521477

Ion Ratio Lower Upper

165 100

63 44.4 39.4 59.2

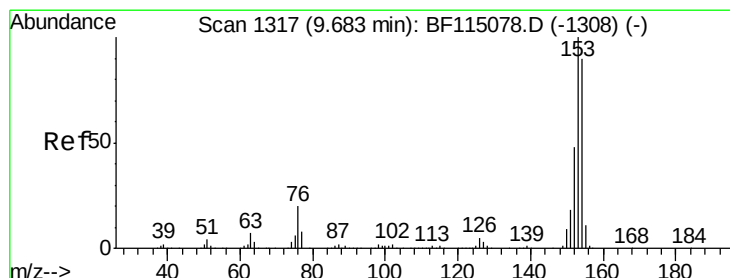
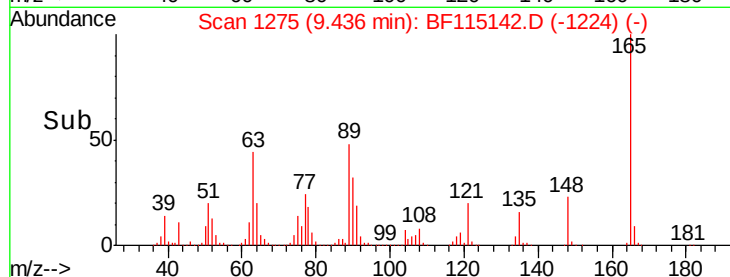
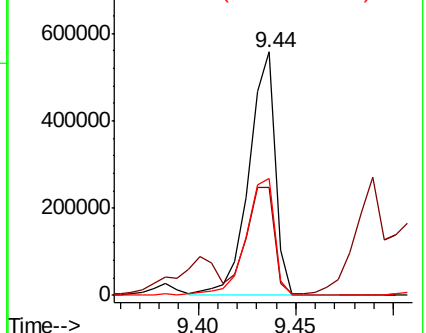
89 48.1 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.637 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

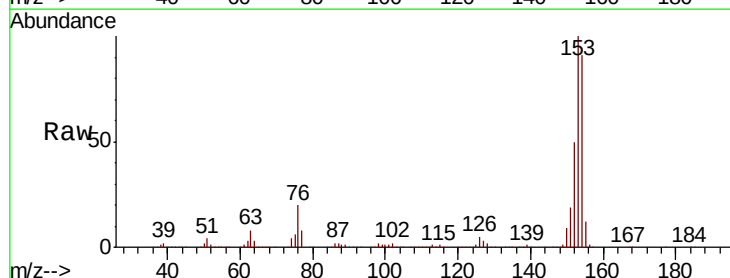
Tgt Ion:154 Resp: 1759371

Ion Ratio Lower Upper

154 100

153 109.9 88.7 133.1

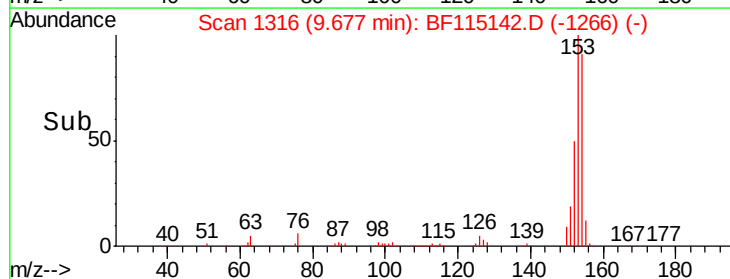
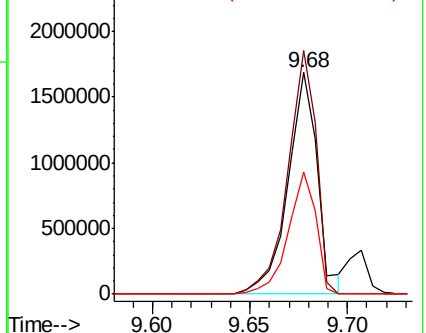
152 55.0 42.6 64.0

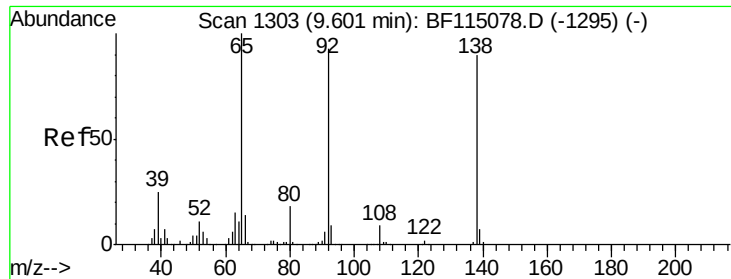


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

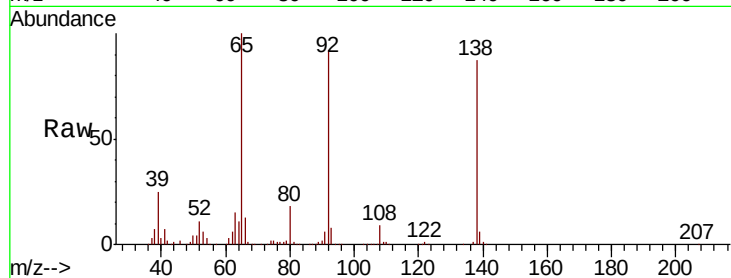




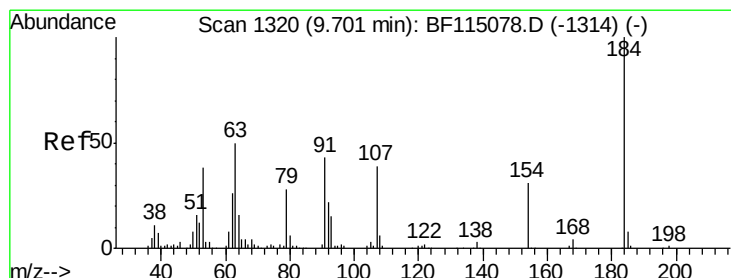
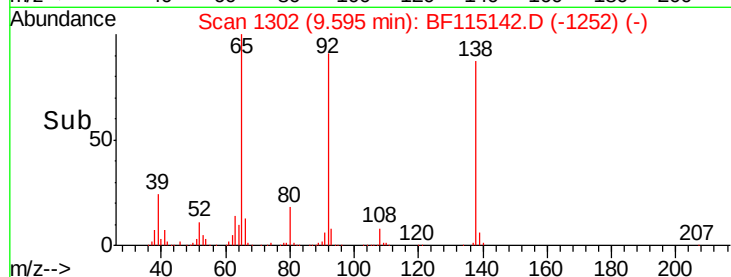
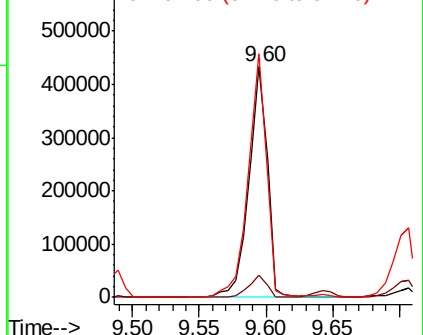
#53
 3-Nitroaniline
 Concen: 28.717 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:138 Resp: 407275
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 105.7 82.9 124.3

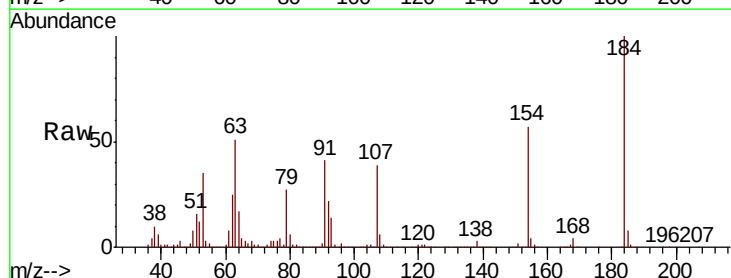


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

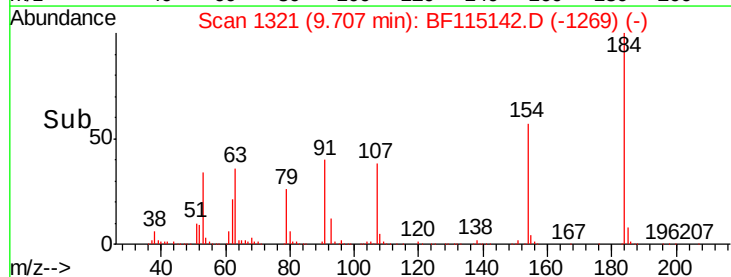
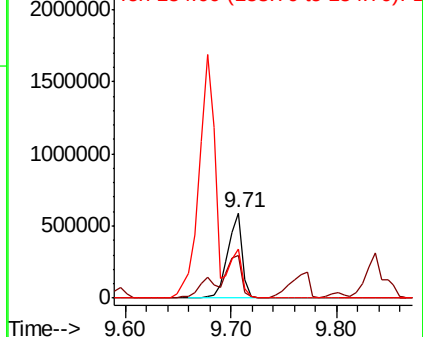


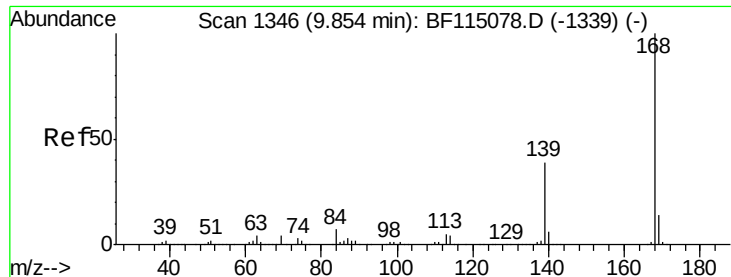
#54
 2,4-Dinitrophenol
 Concen: 92.546 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:184 Resp: 561022
 Ion Ratio Lower Upper
 184 100
 63 50.8 41.9 62.9
 154 57.0 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

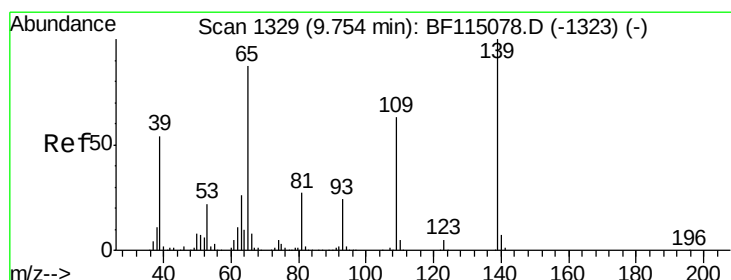
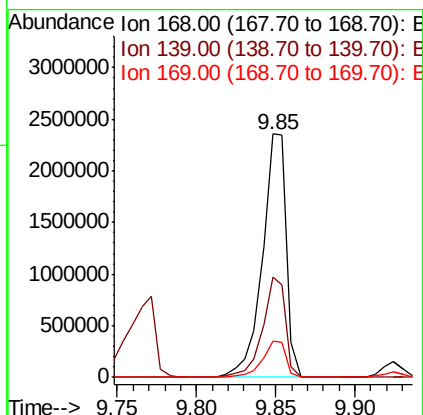
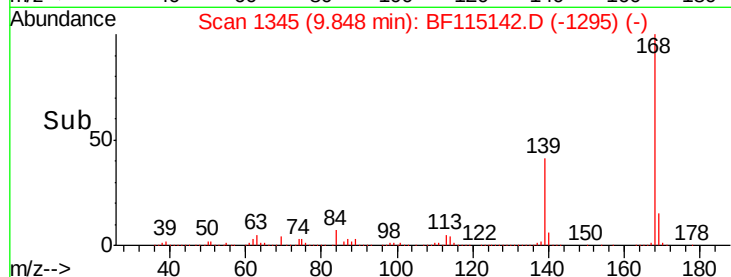
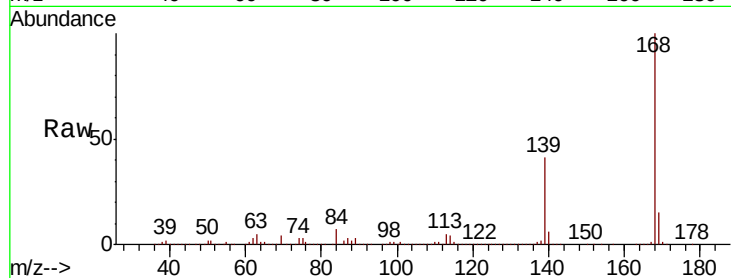




#55
Dibenzofuran
Concen: 40.159 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

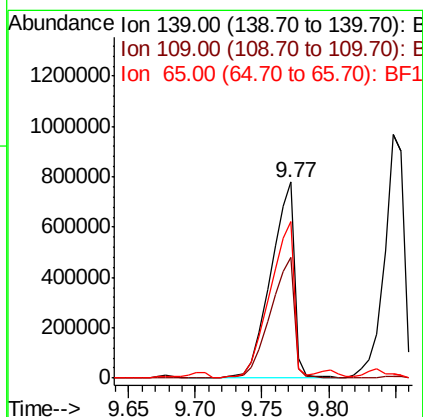
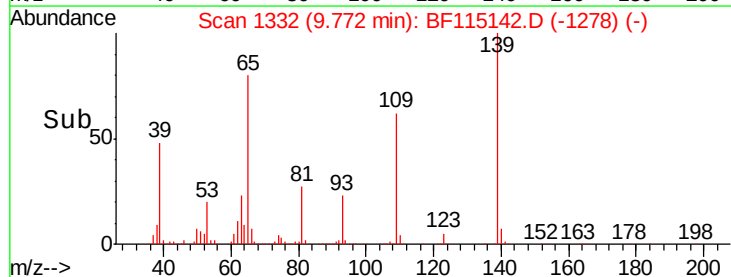
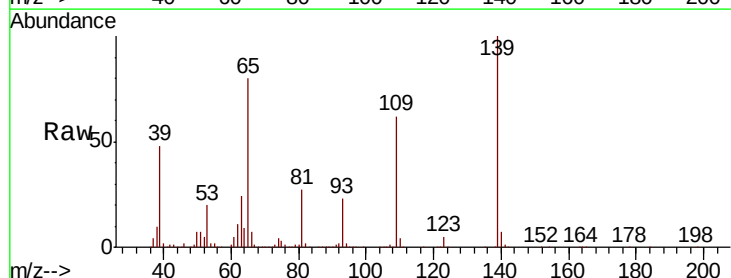
Instrument :
BNA_F
ClientSampleId :
PB120777BS

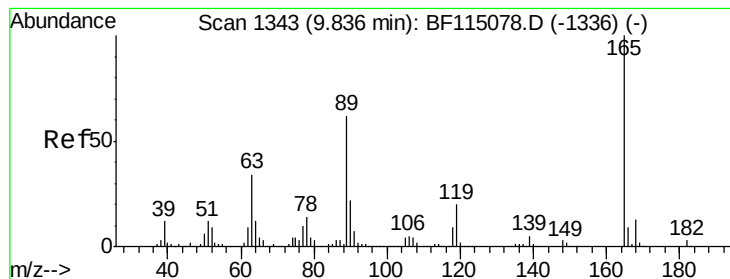
Tot Ion:168 Resp: 2495500
Ion Ratio Lower Upper
168 100
139 41.0 31.1 46.7
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 84.185 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:139 Resp: 957177
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 79.6 67.0 107.0





#57

2,4-Dinitrotoluene

Concen: 45.406 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:165 Resp: 681354

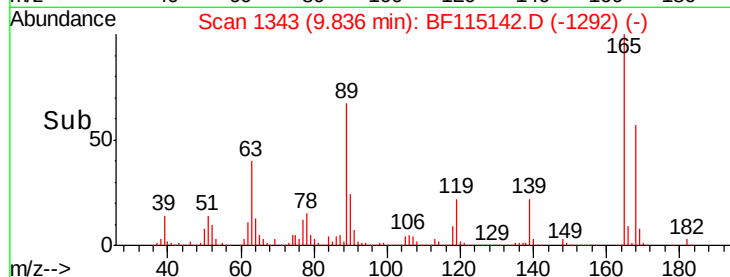
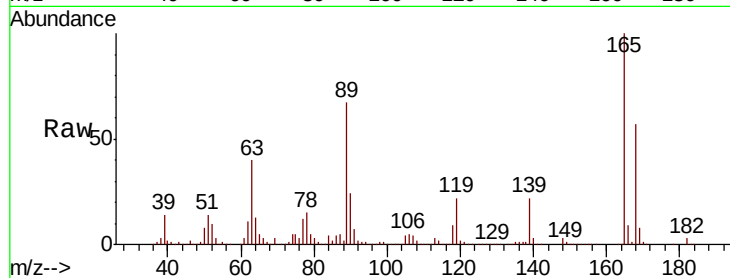
Ion Ratio Lower Upper

165 100

63 40.1 27.5 41.3

89 67.1 49.9 74.9

182 2.7 2.1 3.1

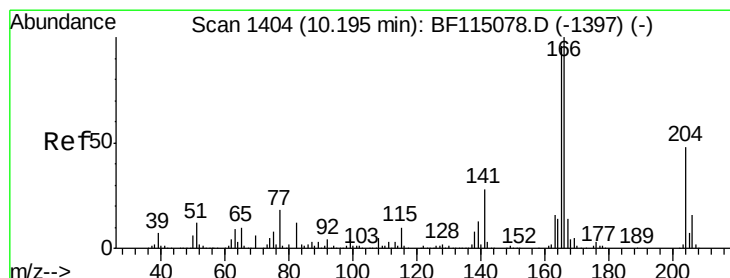
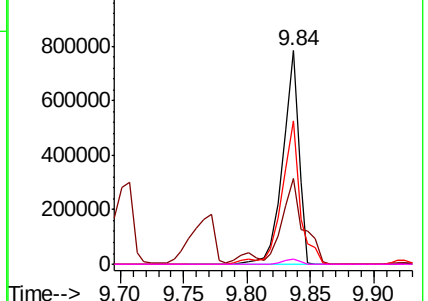


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.049 ng

RT: 10.19 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

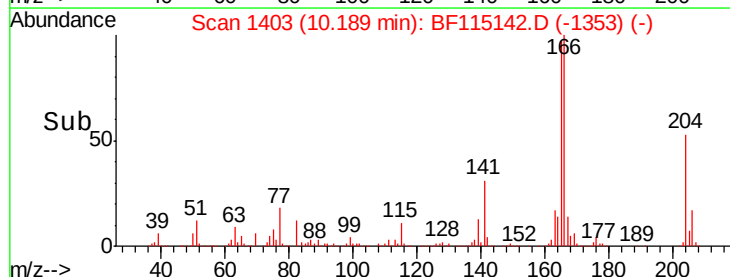
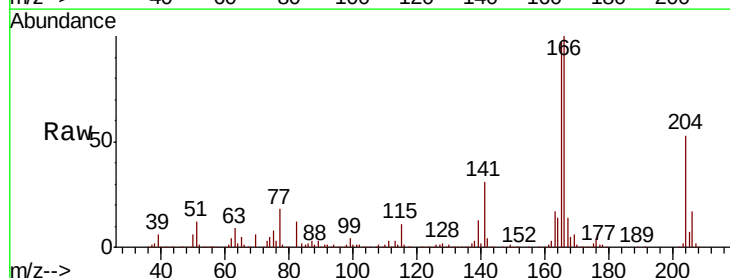
Tgt Ion:166 Resp: 1722235

Ion Ratio Lower Upper

166 100

165 96.6 76.5 114.7

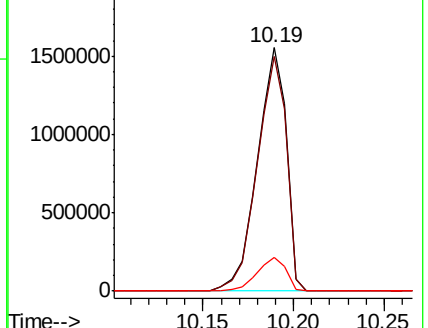
167 13.9 11.0 16.4

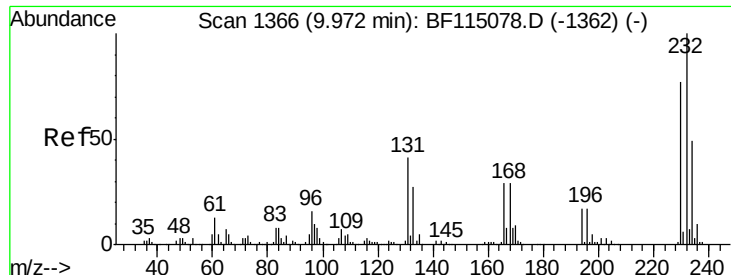


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

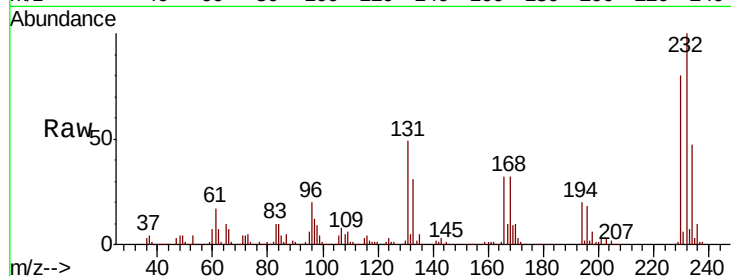




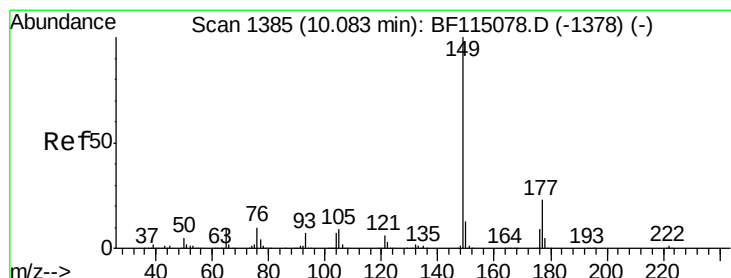
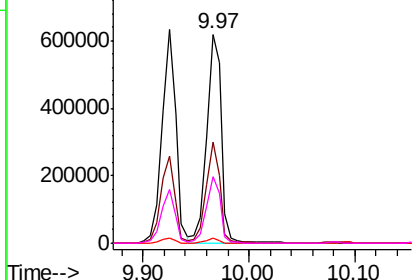
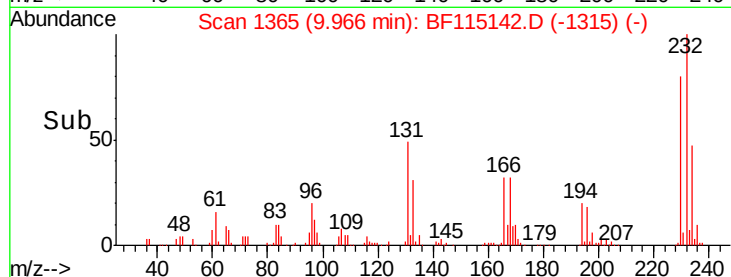
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.493 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:	232	Resp:	599278
Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.4	56.0
130	2.1	1.8	2.6
166	30.4	24.6	36.8

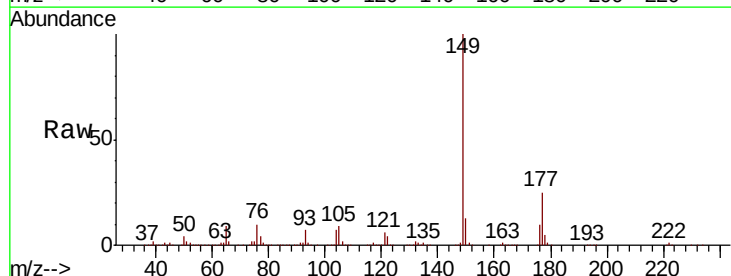


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

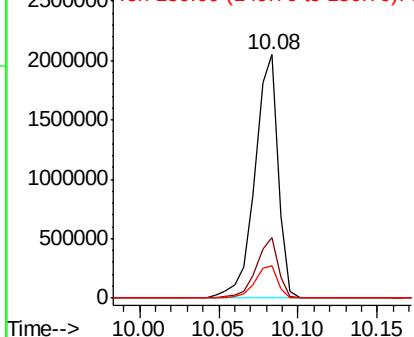
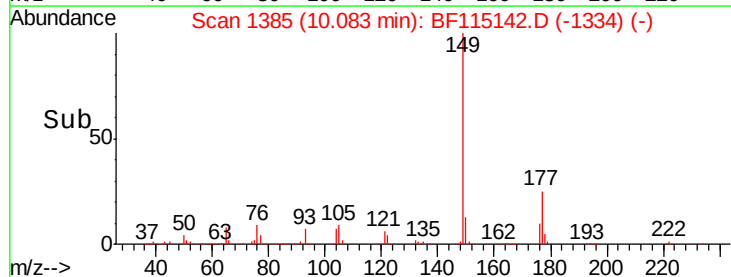


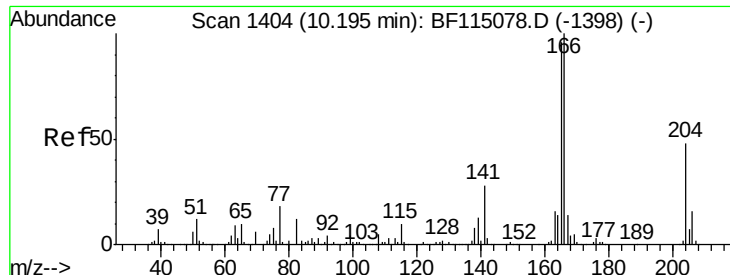
#60
 Diethylphthalate
 Concen: 41.408 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:	149	Resp:	2095265
Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.7	28.1
150	13.4	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

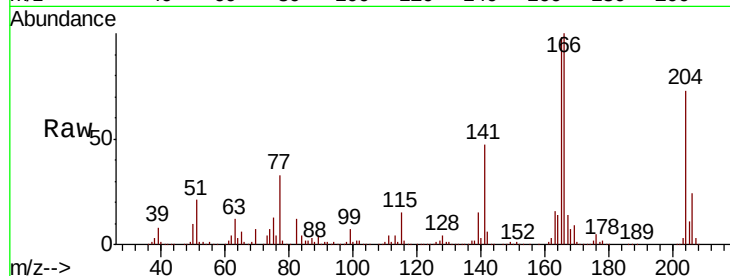




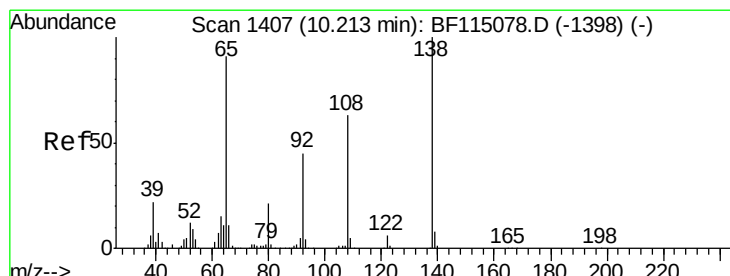
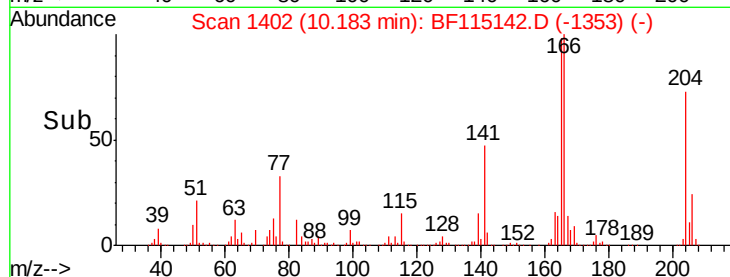
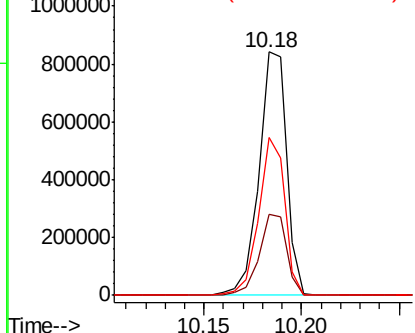
#61
4-Chlorophenyl-phenylether
Concen: 41.446 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:204 Resp: 825422
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 64.7 46.7 70.1

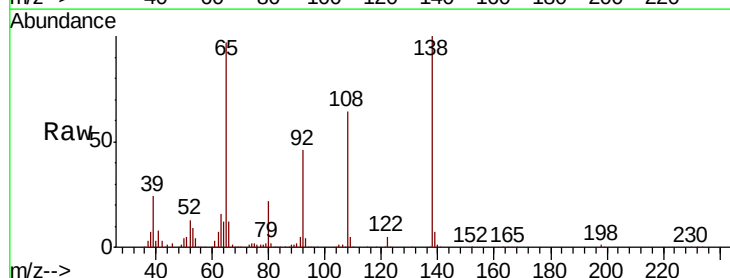


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

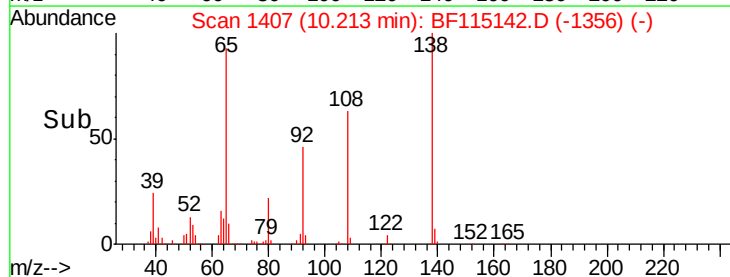
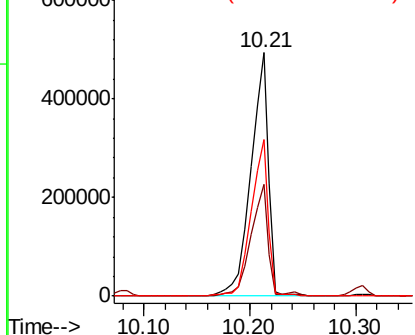


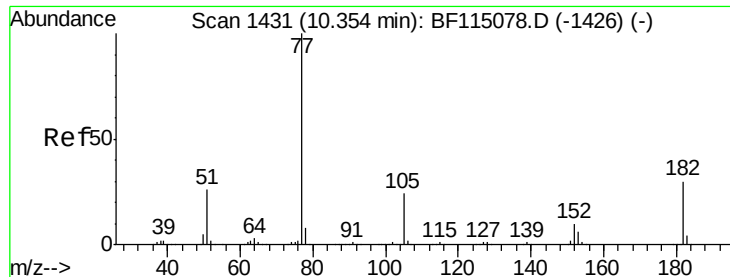
#62
4-Nitroaniline
Concen: 40.510 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:138 Resp: 576354
Ion Ratio Lower Upper
138 100
92 45.8 24.8 64.8
108 64.1 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.394 ng

RT: 10.35 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 77 Resp: 1956402

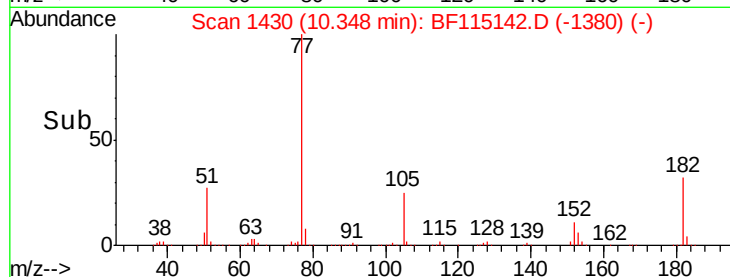
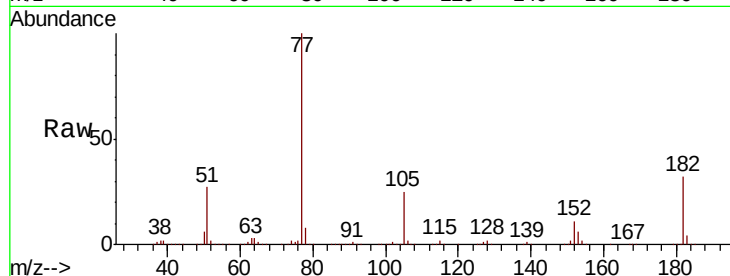
Ion Ratio Lower Upper

77 100

182 31.5 10.1 50.1

105 25.2 4.5 44.5

51 27.1 6.4 46.4

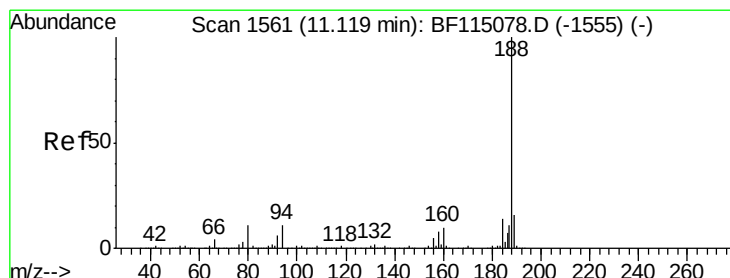
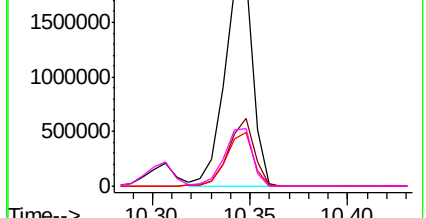


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

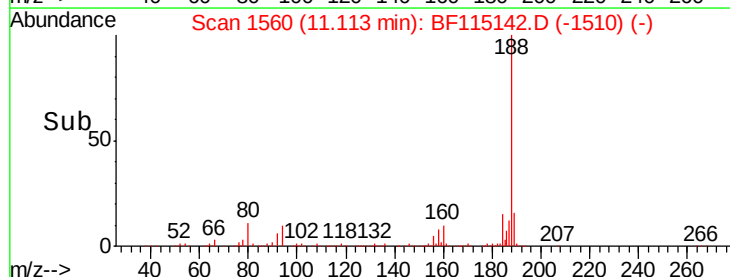
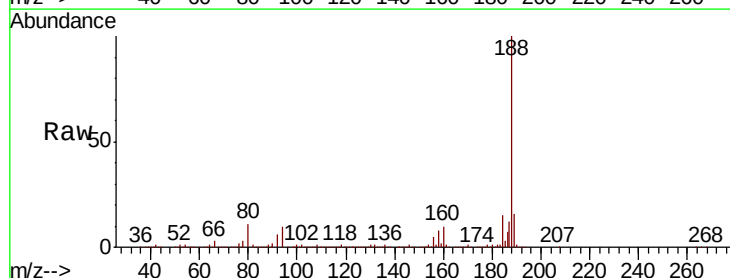
Tgt Ion: 188 Resp: 1314671

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

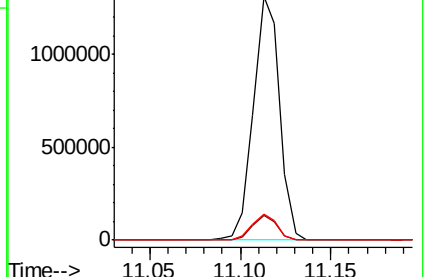
80 10.6 8.8 13.2

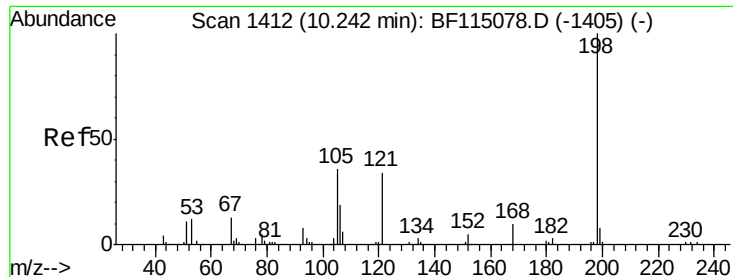


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

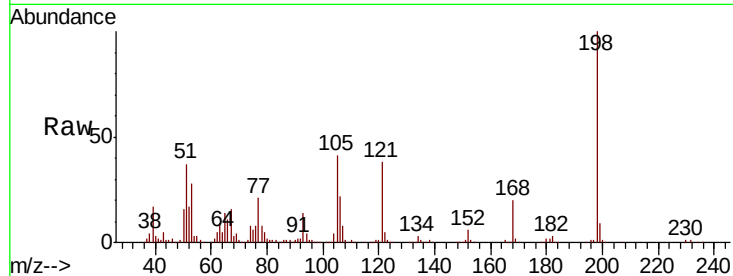




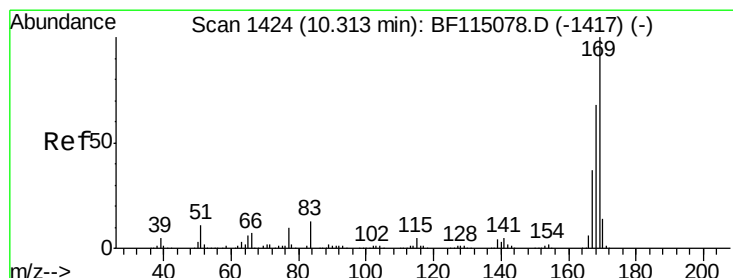
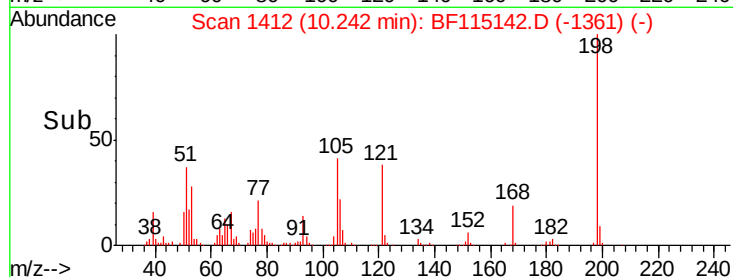
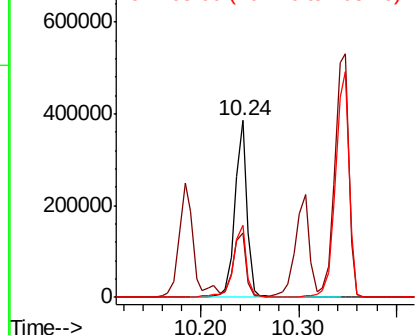
#65
4,6-Dinitro-2-methylphenol
Concen: 47.384 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:198 Resp: 330965
Ion Ratio Lower Upper
198 100
51 36.7 11.0 51.0
105 41.1 17.3 57.3

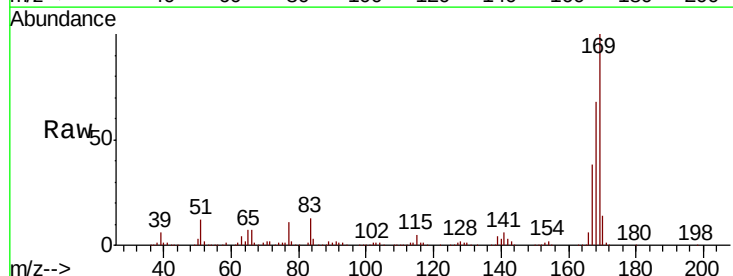


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

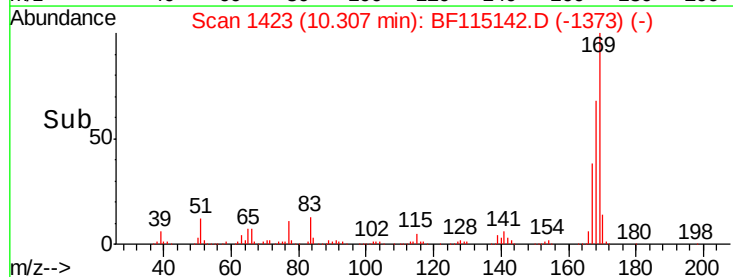
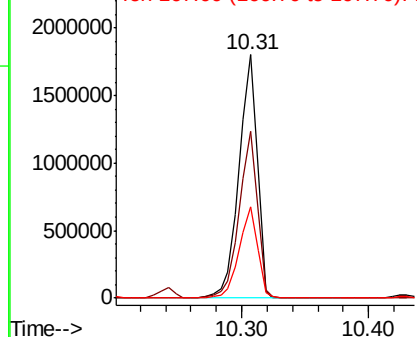


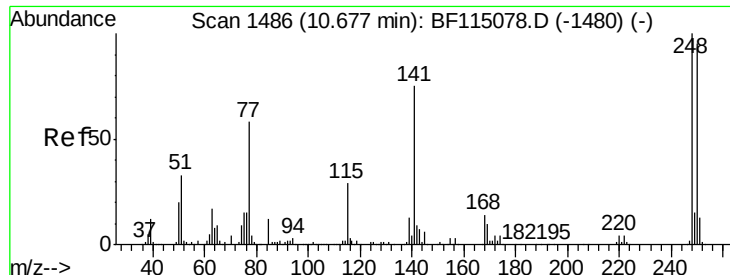
#66
n-Nitrosodiphenylamine
Concen: 43.505 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:169 Resp: 1781891
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.4
167 37.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

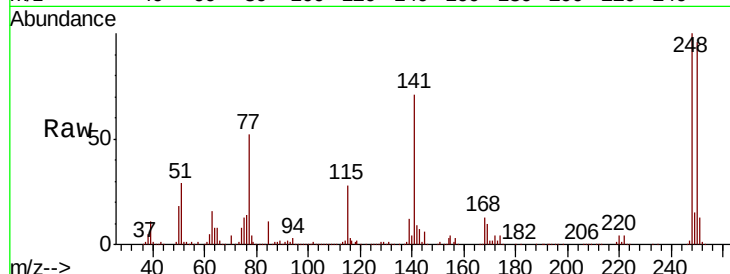




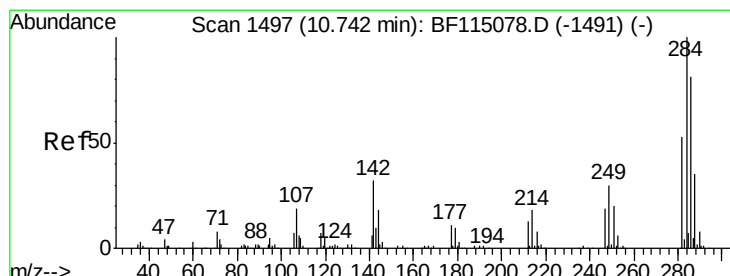
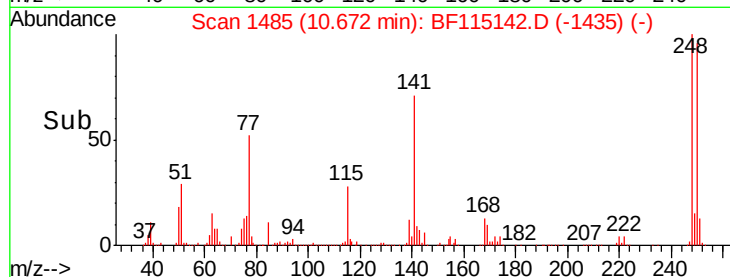
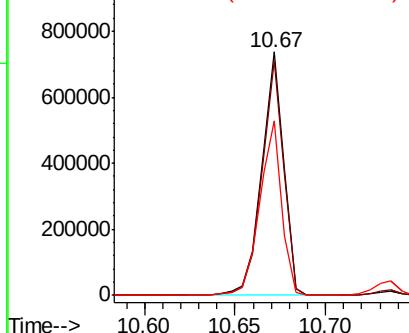
#67
 4-Bromophenyl-phenylether
 Concen: 43.646 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleID :
 PB120777BS

Tot Ion:248 Resp: 622114
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.2 114.2
 141 71.5 59.6 89.4

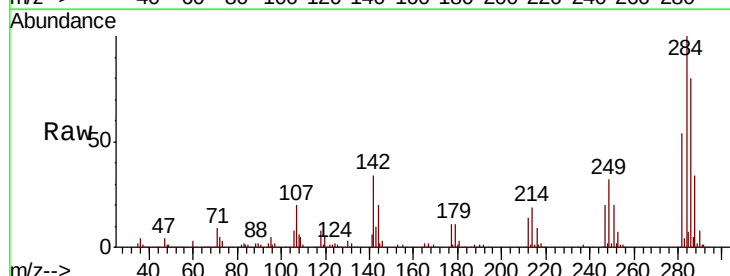


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

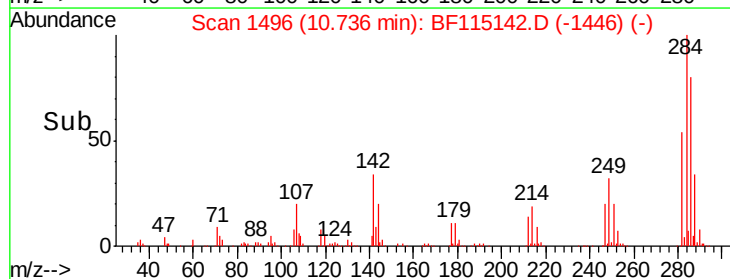
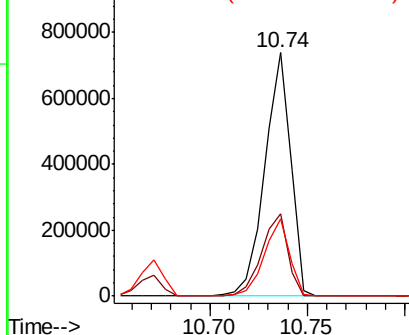


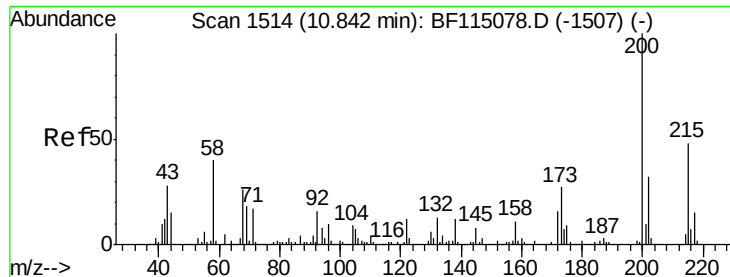
#68
 Hexachlorobenzene
 Concen: 43.882 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:284 Resp: 678928
 Ion Ratio Lower Upper
 284 100
 142 33.8 25.8 38.8
 249 32.0 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 1000000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.499 ng

RT: 10.84 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

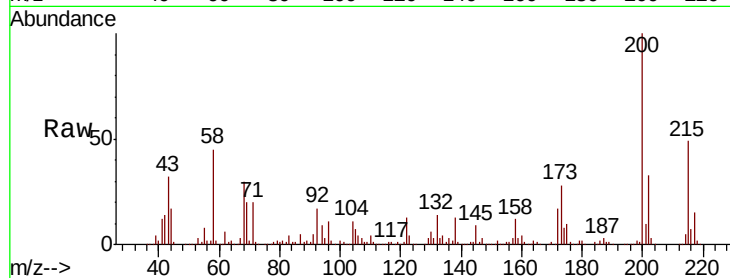
Tot Ion:200 Resp: 573123

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

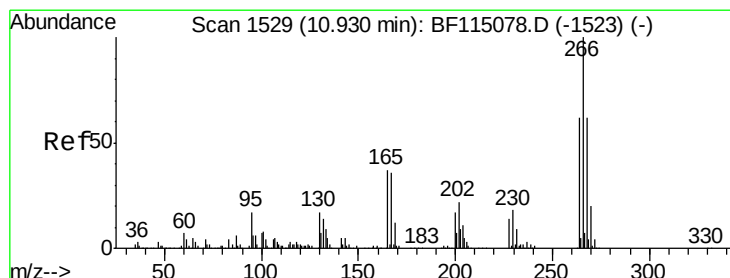
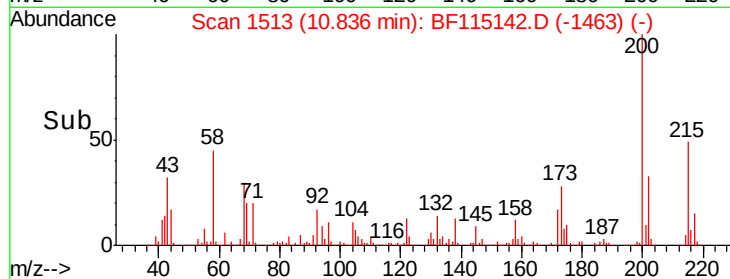
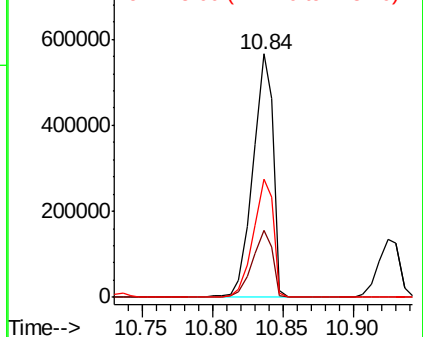
215 48.7 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.477 ng

RT: 10.93 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

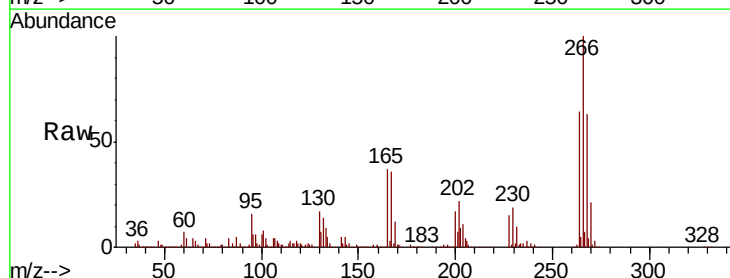
Tgt Ion:266 Resp: 812934

Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

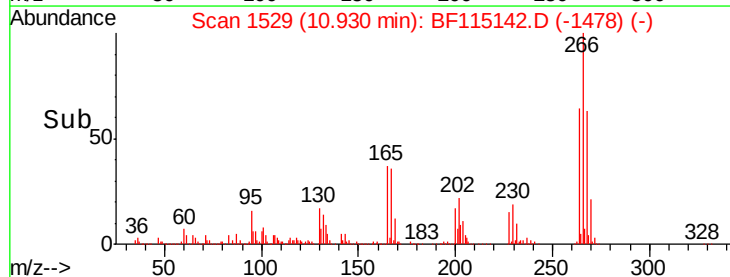
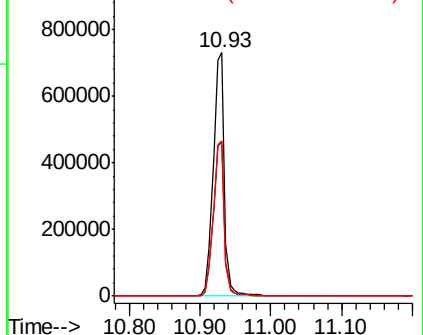
264 64.0 49.3 73.9

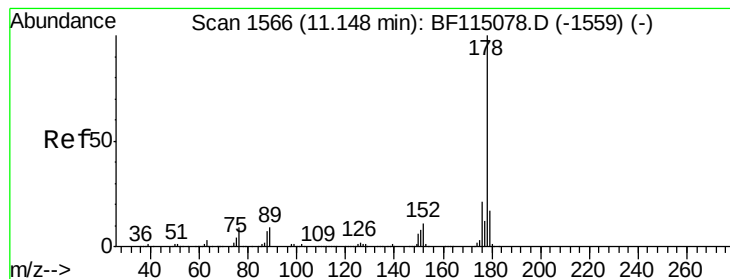


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.000 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

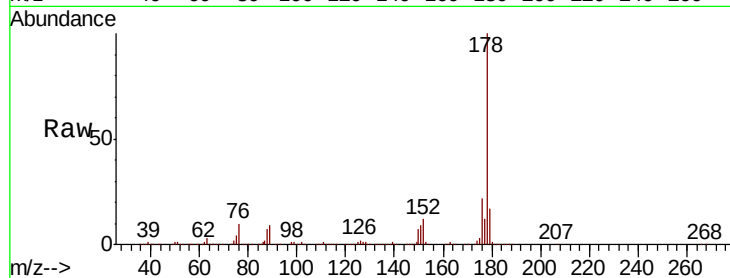
Tot Ion:178 Resp: 2831337

Ion Ratio Lower Upper

178 100

176 21.6 16.9 25.3

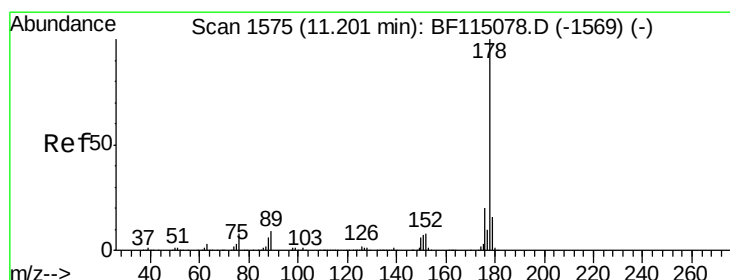
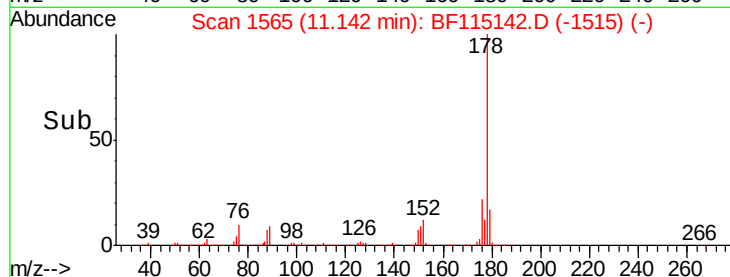
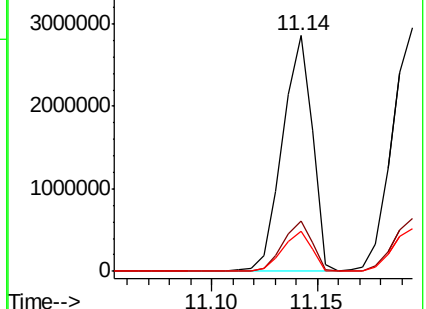
179 17.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.629 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

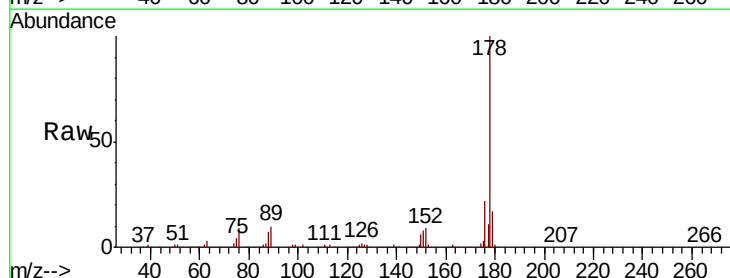
Tgt Ion:178 Resp: 2831560

Ion Ratio Lower Upper

178 100

176 21.5 16.1 24.1

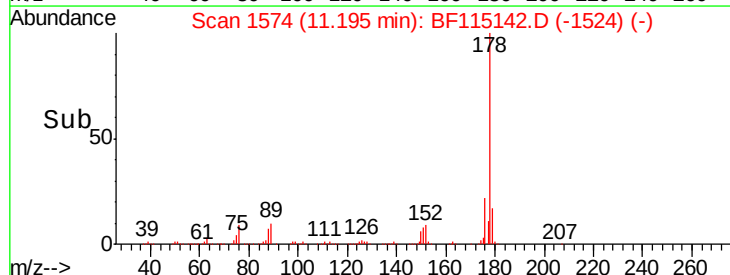
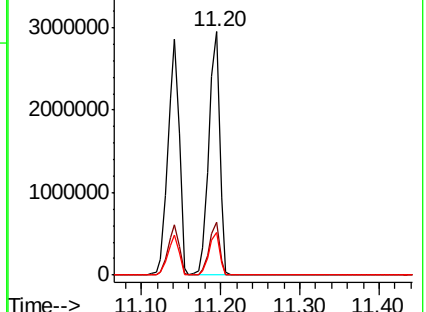
179 17.5 12.9 19.3

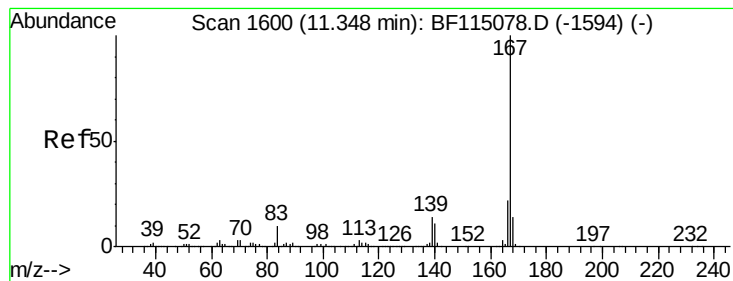


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.238 ng

RT: 11.35 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

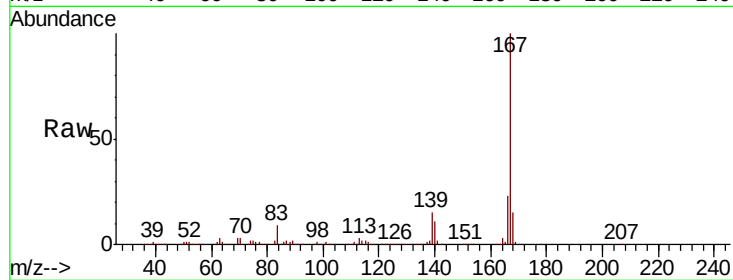
BNA_F

ClientSampleId :

PB120777BS

Tot Ion:167 Resp: 2631105

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.6	11.1	16.7

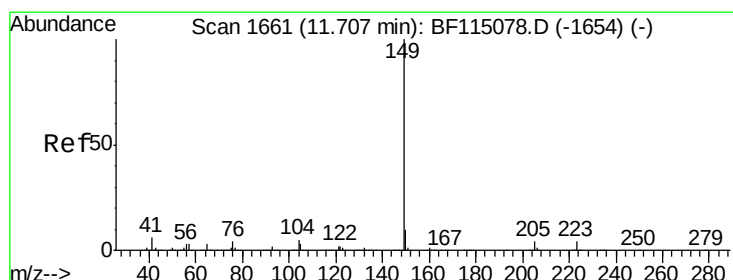
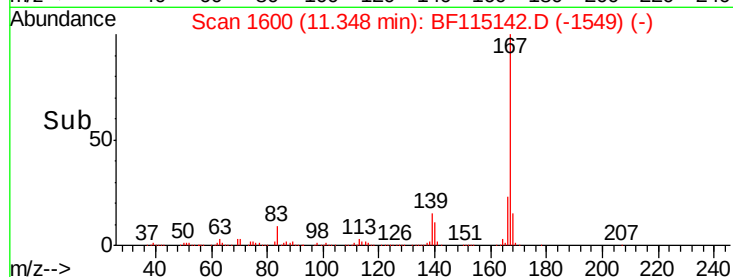
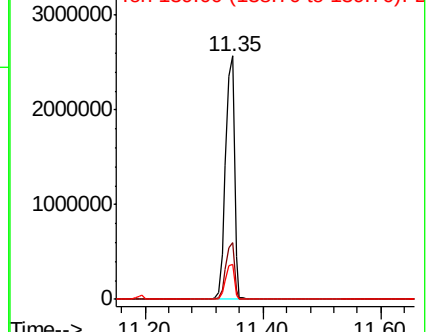


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.026 ng

RT: 11.70 min Scan# 1659

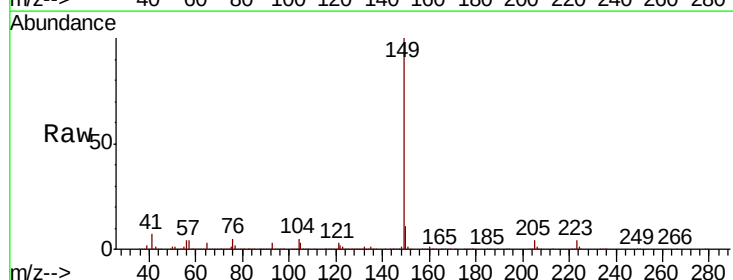
Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:149 Resp: 3024748

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.8	11.8
104	5.4	3.7	5.5

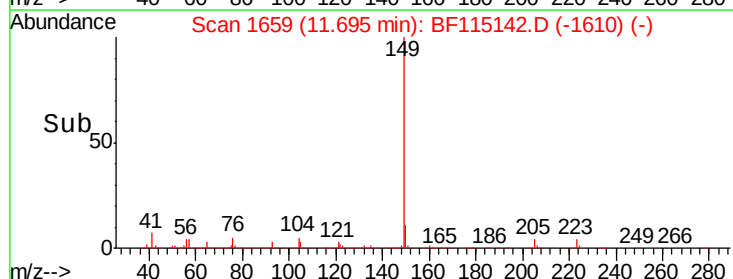
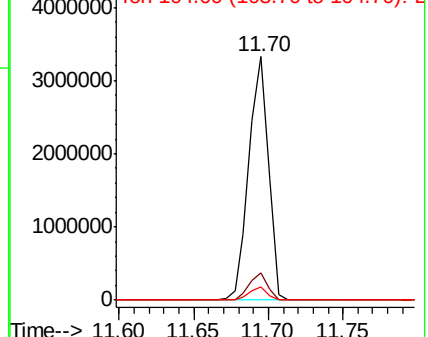


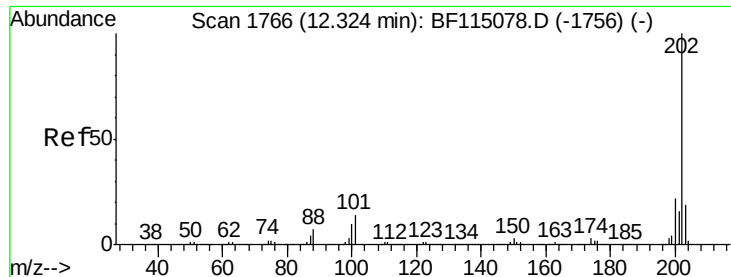
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



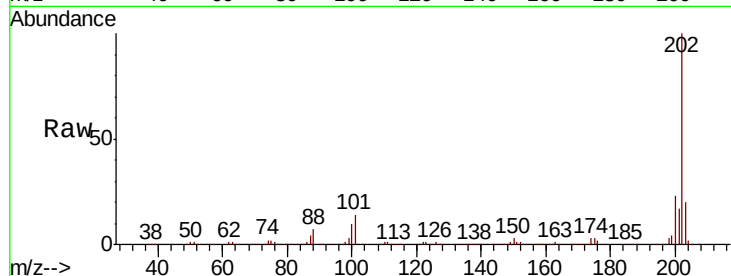


#75
 Fluoranthene
 Concen: 41.569 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

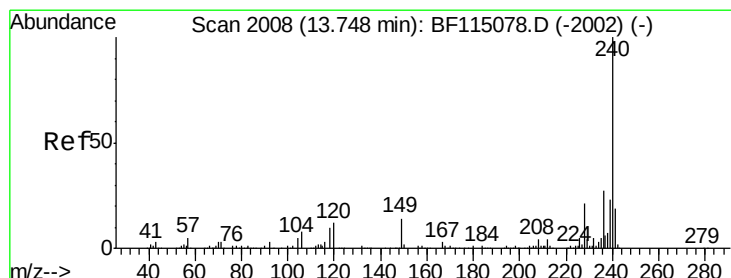
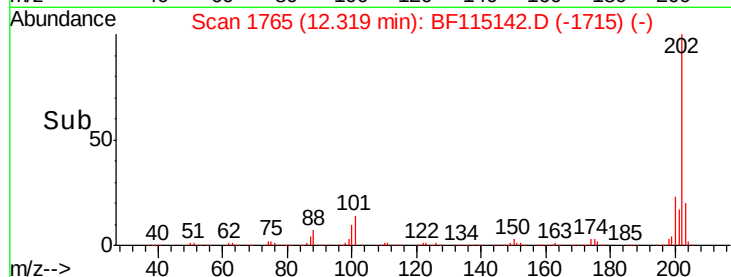
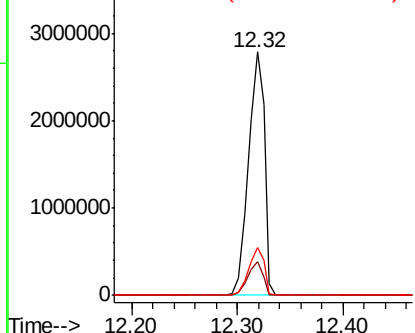
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:202 Resp: 2935748

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.0
203	19.5	0.0	38.8



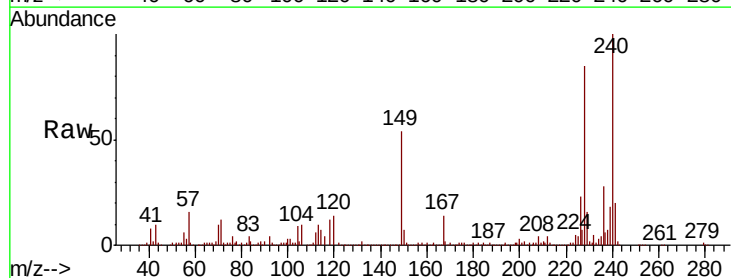
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



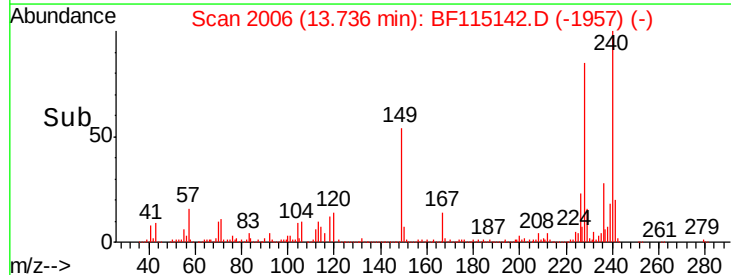
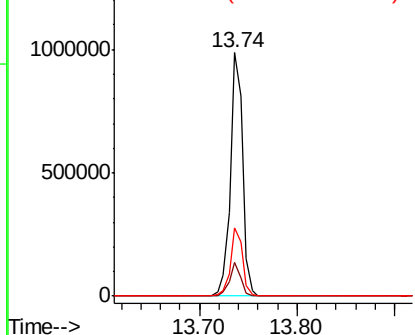
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

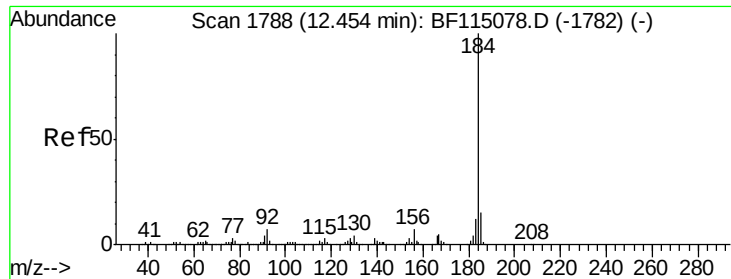
Tgt Ion:240 Resp: 859454

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.4	14.2
236	27.8	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.537 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

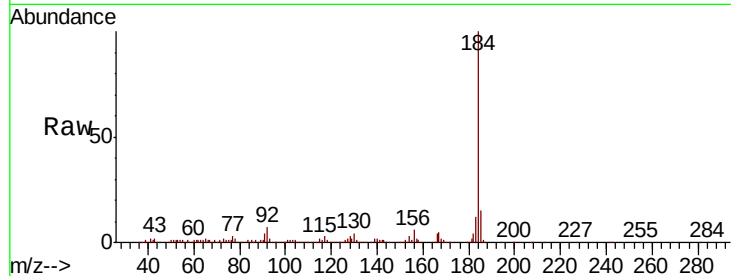
Tot Ion:184 Resp: 936396

Ion Ratio Lower Upper

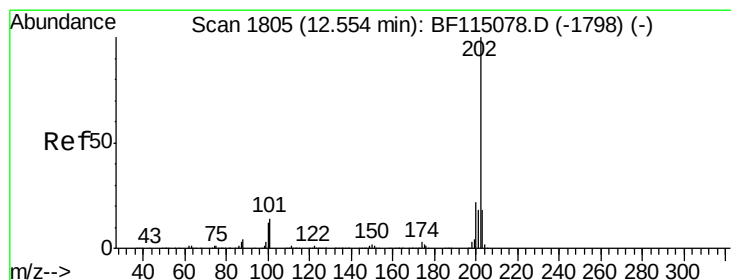
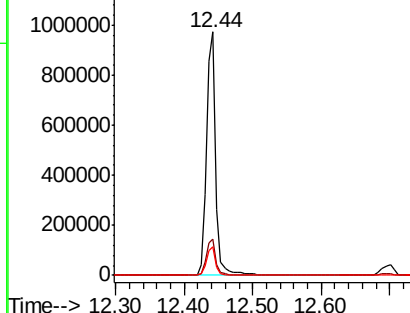
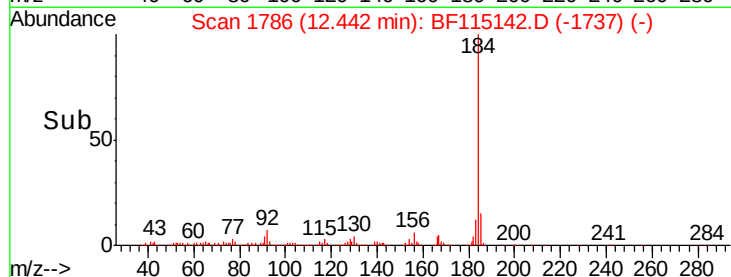
184 100

185 14.7 12.2 18.2

183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.397 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

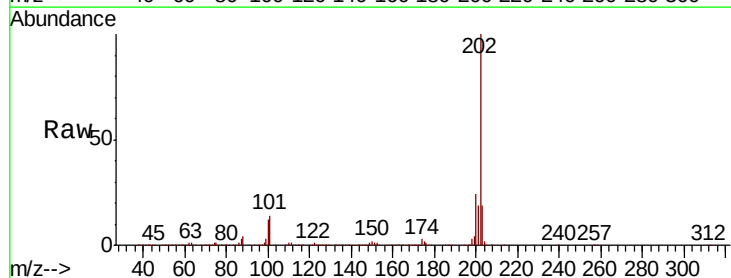
Tgt Ion:202 Resp: 2932426

Ion Ratio Lower Upper

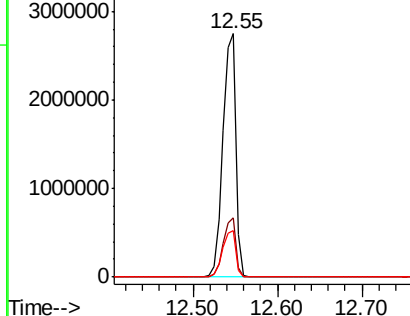
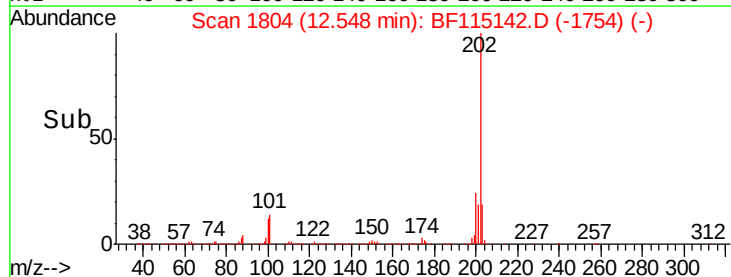
202 100

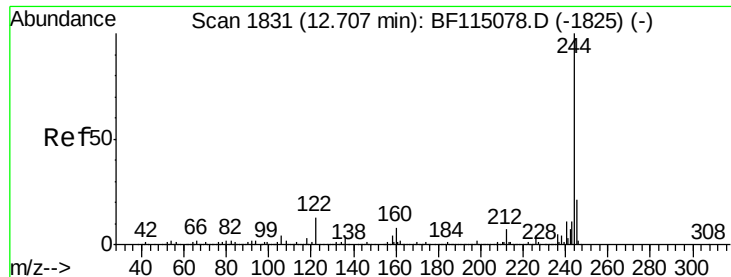
200 24.1 17.9 26.9

203 19.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.683 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

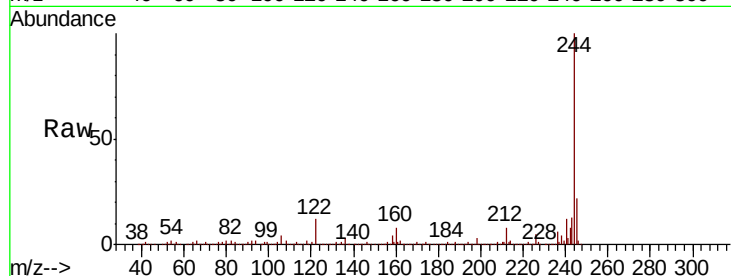
Tot Ion:244 Resp: 3584833

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

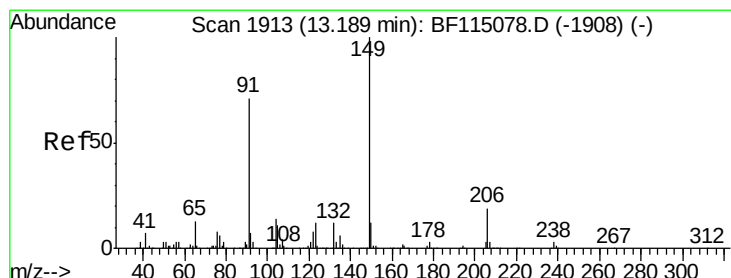
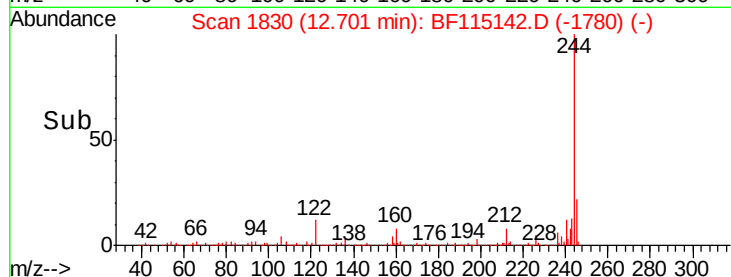
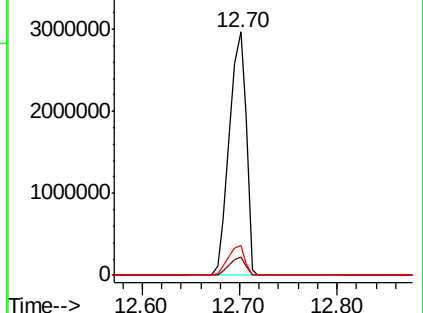
122 12.2 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.891 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

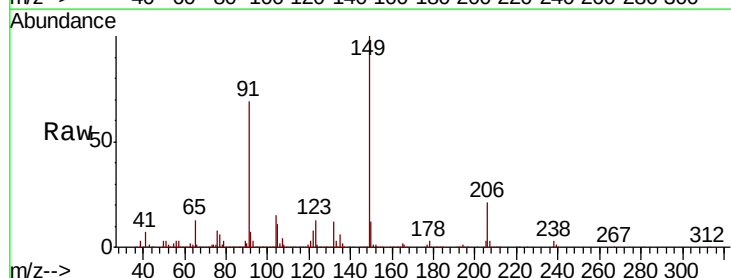
Tgt Ion:149 Resp: 1425078

Ion Ratio Lower Upper

149 100

91 69.5 56.5 84.7

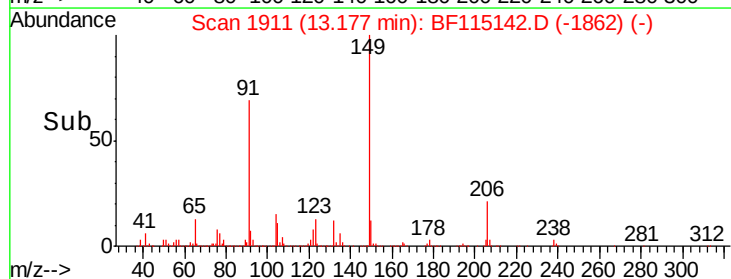
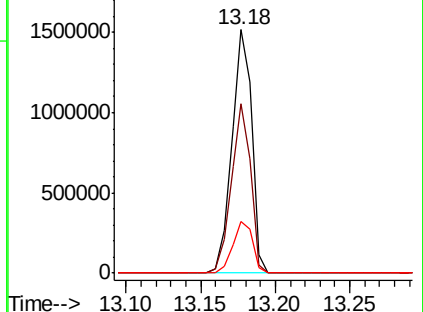
206 21.3 15.3 22.9

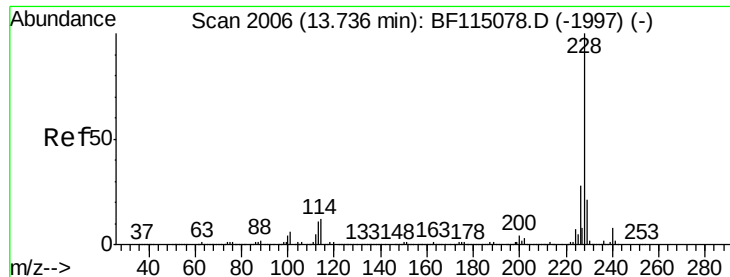


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.361 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

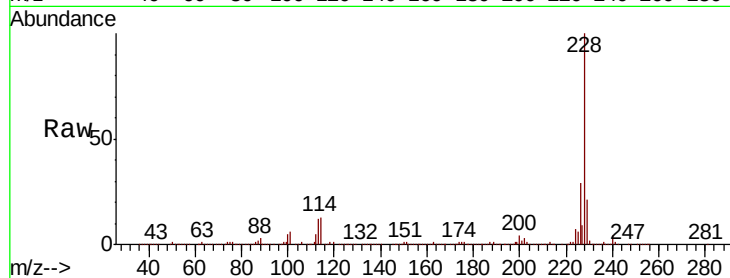
BNA_F

ClientSampleId :

PB120777BS

Tot Ion:228 Resp: 2735673

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	21.4	16.6	24.8

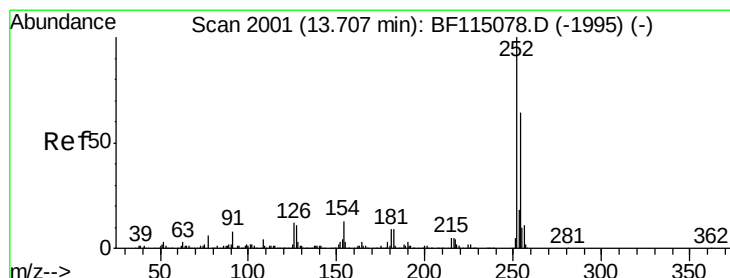
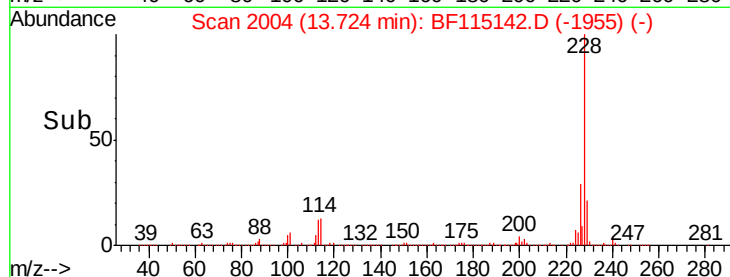
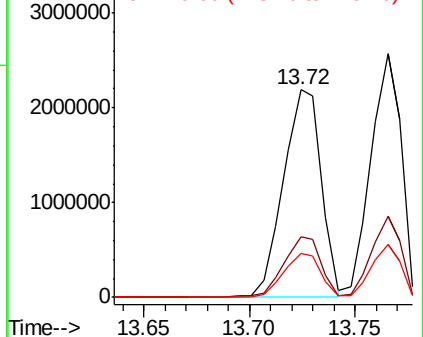


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.397 ng

RT: 13.69 min Scan# 1999

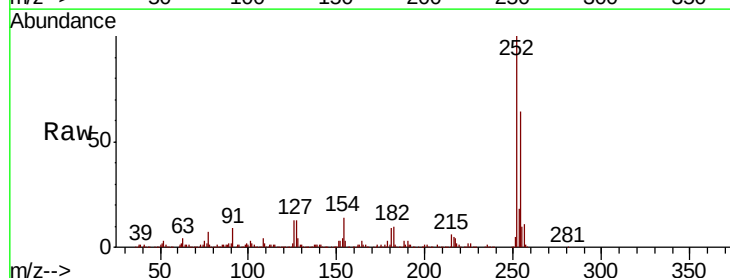
Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:252 Resp: 921899

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	12.8	9.4	14.0

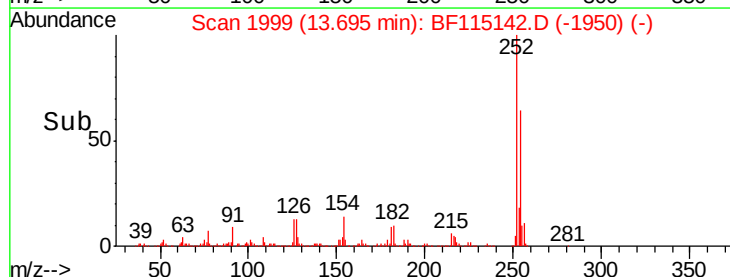
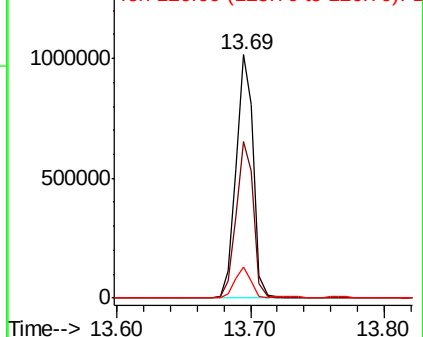


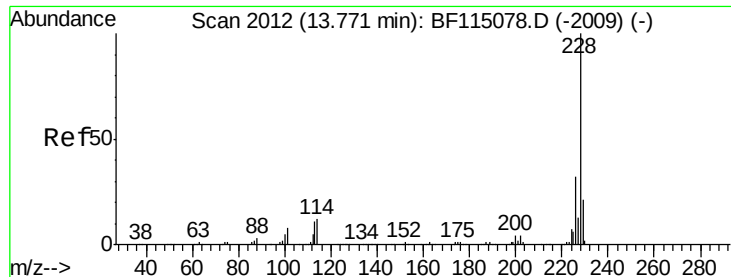
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.903 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

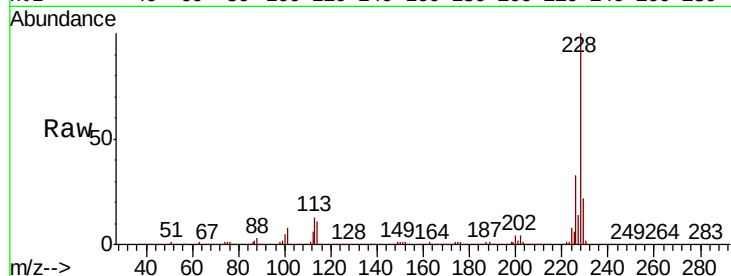
Tot Ion:228 Resp: 2593025

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.0

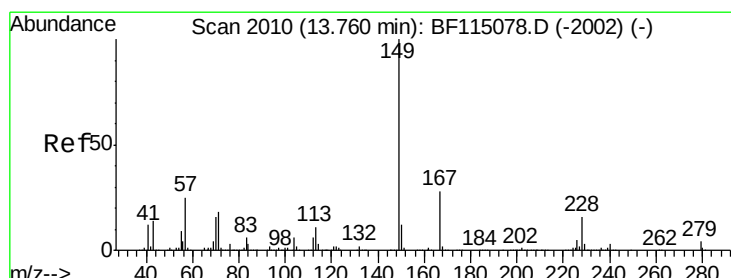
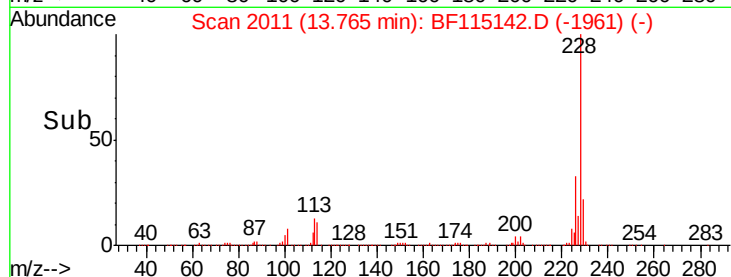
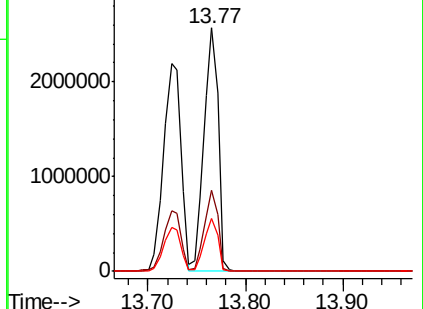
229 21.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.200 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

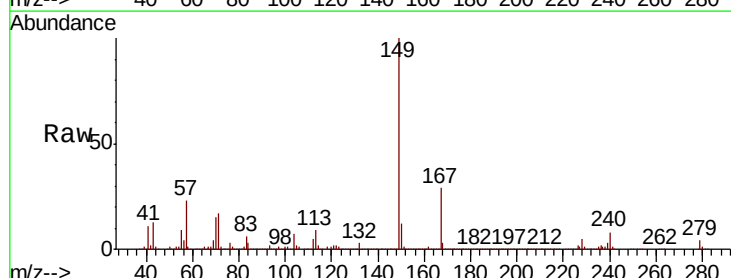
Tgt Ion:149 Resp: 1802726

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

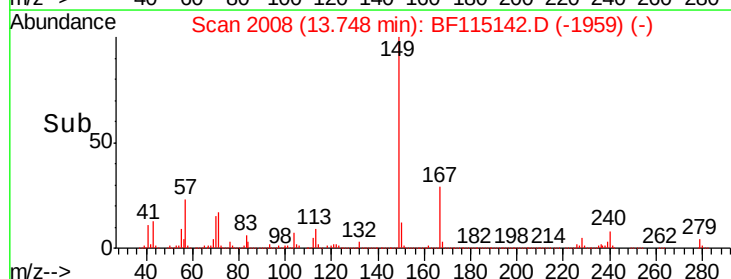
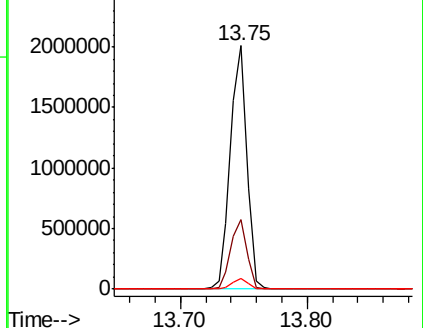
279 4.4 2.9 4.3#

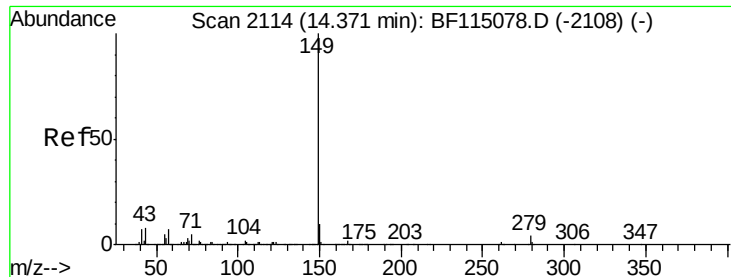


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.279 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

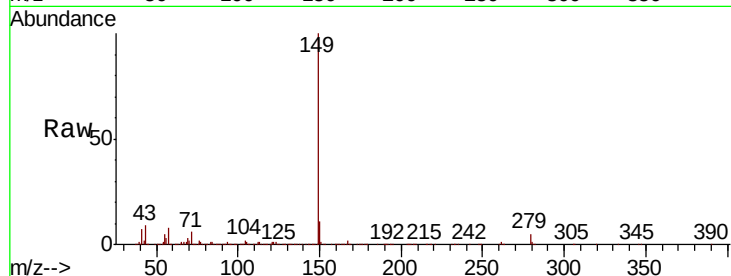
Tot Ion:149 Resp: 3098119

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

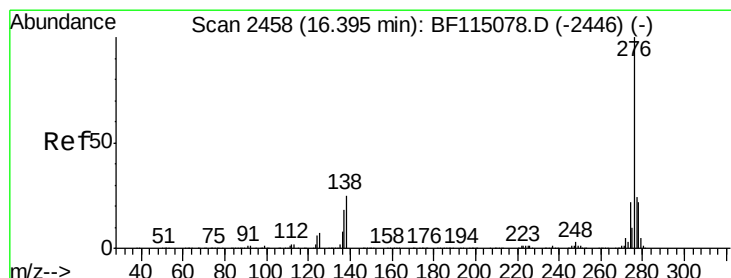
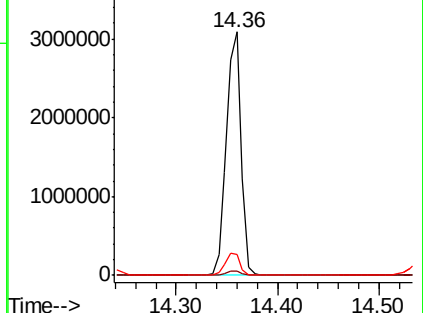
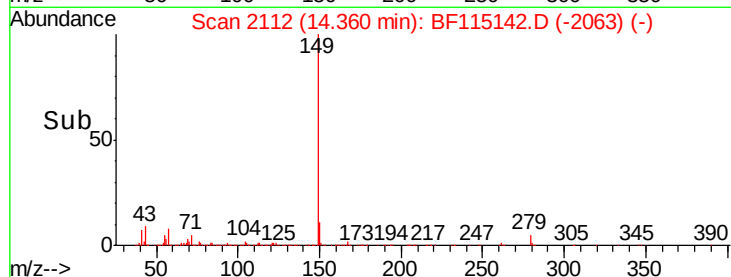
43 9.0 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.433 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

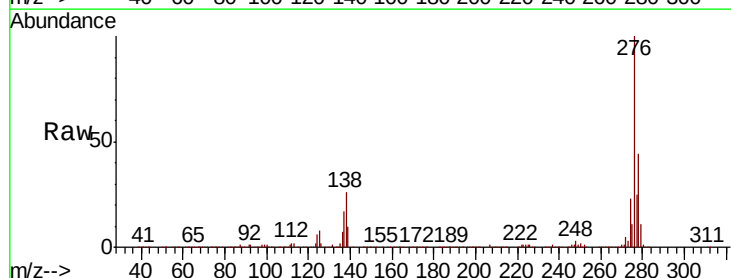
Tgt Ion:276 Resp: 2769586

Ion Ratio Lower Upper

276 100

138 28.7 23.2 34.8

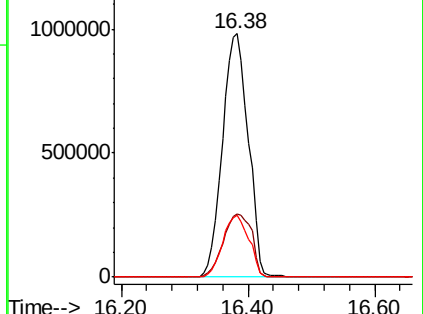
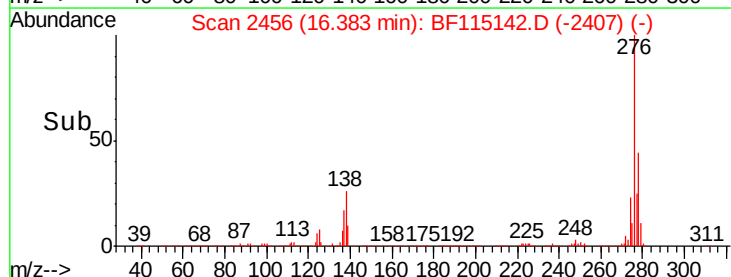
277 25.9 20.1 30.1

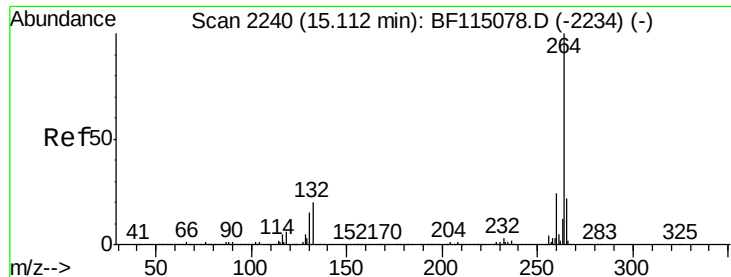


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

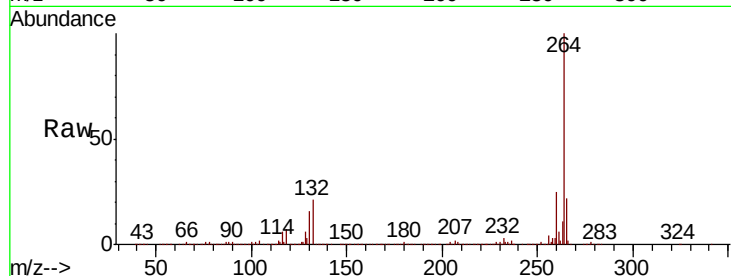
Tot Ion:264 Resp: 909130

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

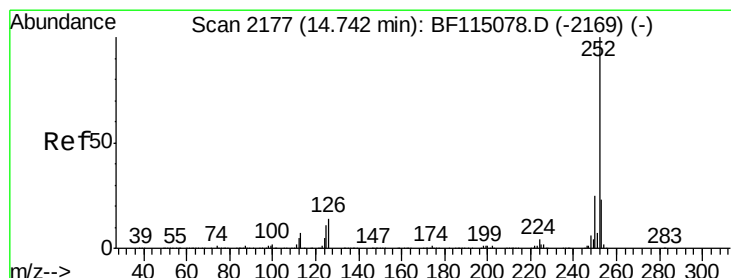
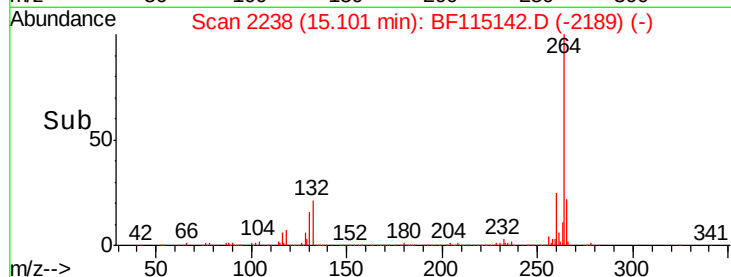
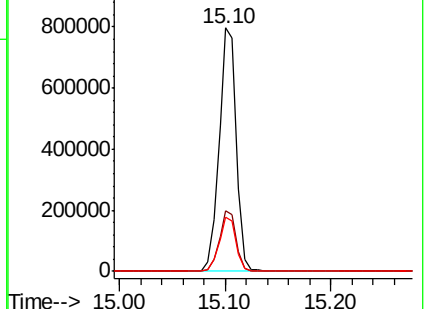
265 22.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.610 ng

RT: 14.74 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

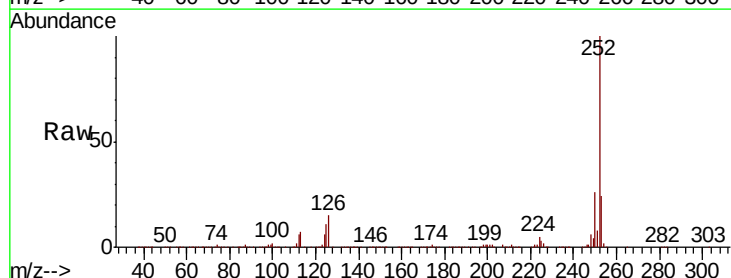
Tgt Ion:252 Resp: 3041113

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

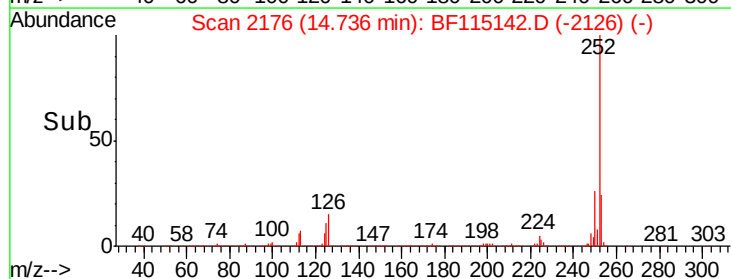
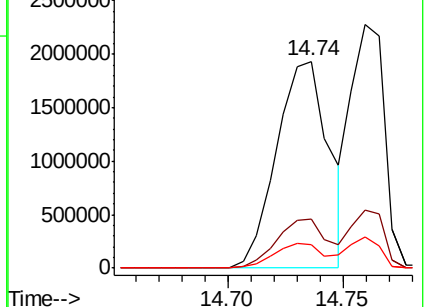
125 11.5 8.7 13.1

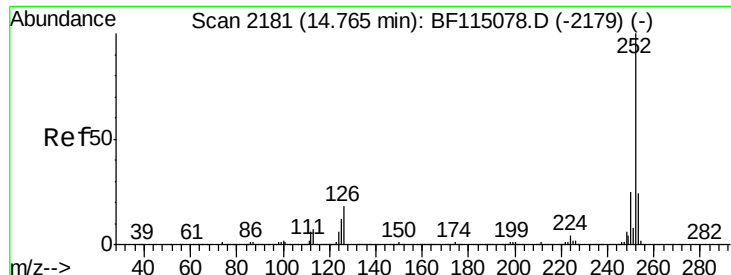


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

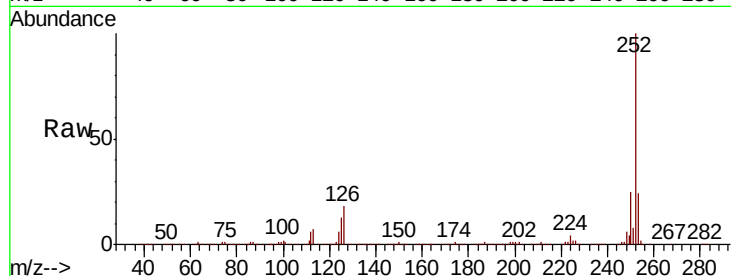




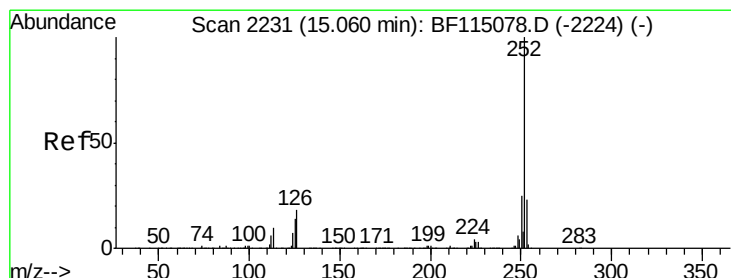
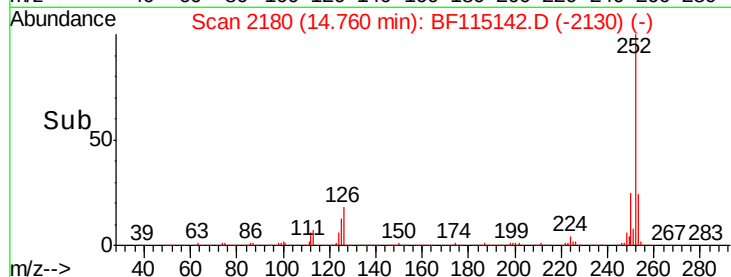
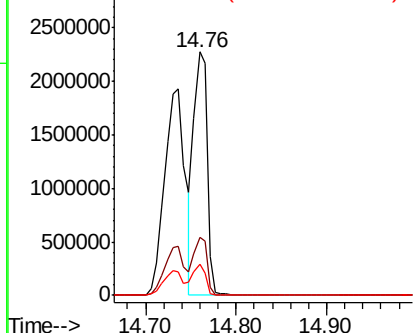
#89
Benzo(k)fluoranthene
Concen: 45.566 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:252 Resp: 2318042
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 12.6 10.2 15.2

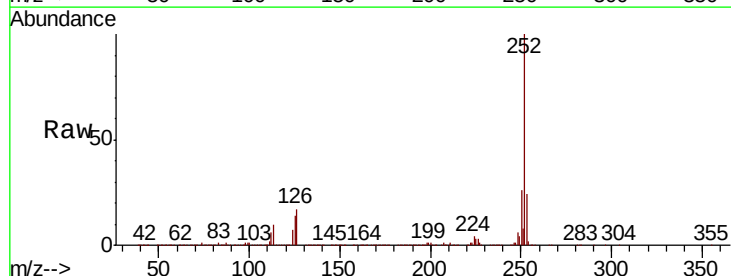


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

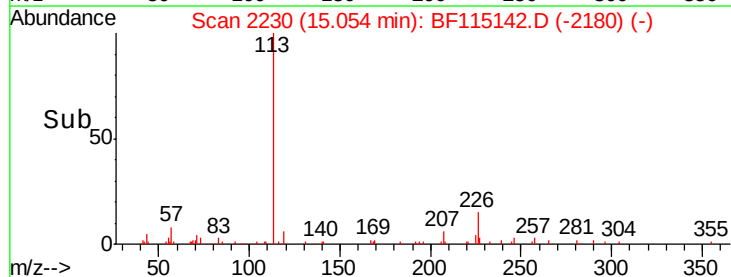
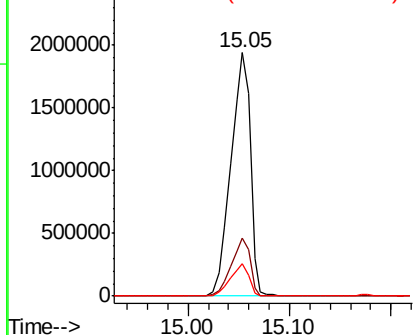


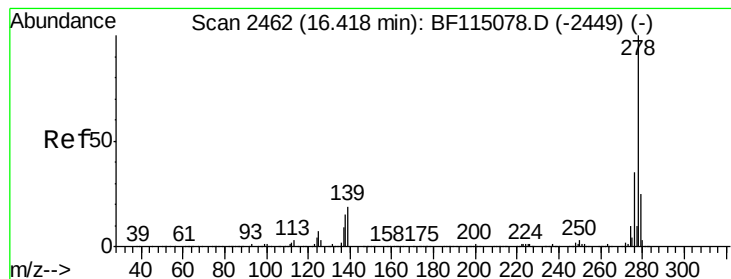
#90
Benzo(a)pyrene
Concen: 50.729 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:252 Resp: 2593721
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 13.5 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.891 ng

RT: 16.41 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

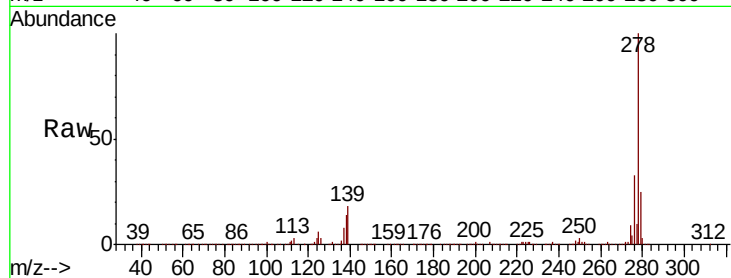
Tot Ion:278 Resp: 2285934

Ion Ratio Lower Upper

278 100

139 17.9 15.4 23.2

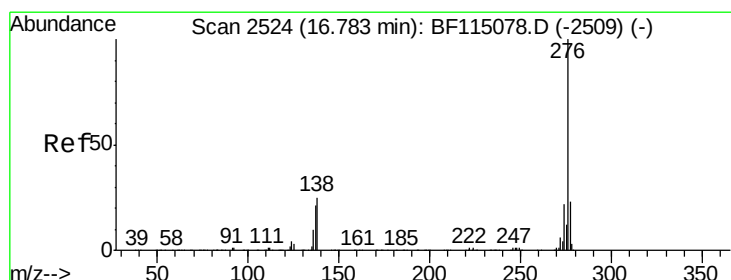
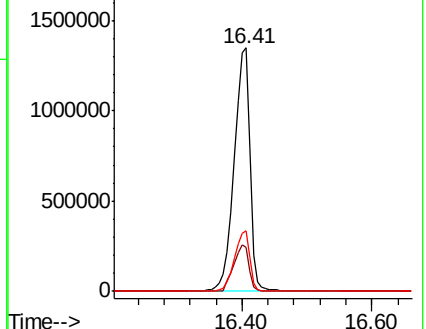
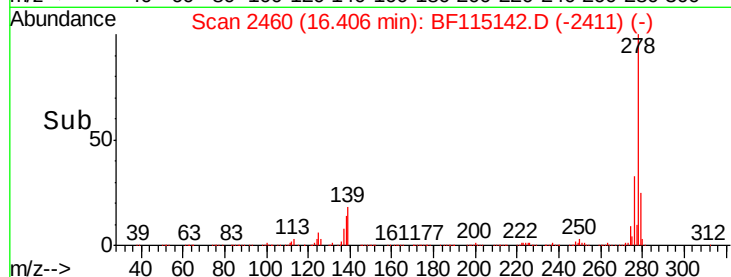
279 25.1 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.750 ng

RT: 16.77 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

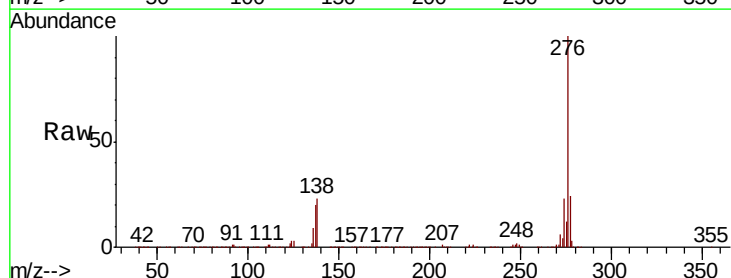
Tgt Ion:276 Resp: 2306841

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 23.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

