

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115146.D
 Acq On : 24 Jun 2019 13:25
 Operator : HP/JU
 Sample : PB120851BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Quant Time: Jun 25 07:38:56 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	353797	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1392756	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	697914	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1335800	20.00	ng	0.00
76) Chrysene-d12	13.74	240	888865	20.00	ng	-0.01
87) Perylene-d12	15.09	264	913837	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	2576958	112.40	ng	0.02
7) Phenol-d6	6.27	99	3167857	113.84	ng	0.01
23) Nitrobenzene-d5	7.18	82	1987597	87.79	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	902085	122.57	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3552003	86.45	ng	0.00
79) Terphenyl-d14	12.70	244	3708366	88.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.31	88	365598	33.789	ng	99
3) Pyridine	2.97	79	999440	32.772	ng	97
4) n-Nitrosodimethylamine	2.91	42	457121	38.235	ng	98
6) Aniline	6.28	93	979417	25.609	ng	# 1
8) 2-Chlorophenol	6.41	128	1051417	40.784	ng	97
9) Benzaldehyde	6.15	77	206267	11.362	ng	98
10) Phenol	6.28	94	1186009	36.385	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	955861	39.781	ng	98
12) 1,3-Dichlorobenzene	6.55	146	1102337	38.529	ng	99
13) 1,4-Dichlorobenzene	6.63	146	1123207	39.150	ng	98
14) 1,2-Dichlorobenzene	6.79	146	1030393	38.782	ng	98
15) Benzyl Alcohol	6.77	79	795313	39.249	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1401691	40.221	ng	98
17) 2-Methylphenol	6.88	107	888713	41.764	ng	97
18) Hexachloroethane	7.13	117	409880	39.628	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	699915	39.287	ng	99
20) 3+4-Methylphenols	7.04	107	987244	40.180	ng	# 89
22) Acetophenone	7.03	105	1400894	43.936	ng	# 99
24) Nitrobenzene	7.20	77	1077000	43.179	ng	96
25) Isophorone	7.44	82	2031178	43.794	ng	100
26) 2-Nitrophenol	7.51	139	609158	49.453	ng	98
27) 2,4-Dimethylphenol	7.57	122	986359	48.907	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1260852	43.011	ng	98
29) 2,4-Dichlorophenol	7.75	162	936443	44.993	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	1002777	43.618	ng	99
31) Naphthalene	7.92	128	2923011	42.755	ng	99
32) Benzoic acid	7.71	122	806175	55.999	ng	98
33) 4-Chloroaniline	7.97	127	715086	22.886	ng	100
34) Hexachlorobutadiene	8.04	225	537669	42.677	ng	98
35) Caprolactam	8.35	113	181387	25.921	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	933386	44.282	ng	97
37) 2-Methylnaphthalene	8.61	142	2030833	44.056	ng	98
38) 1-Methylnaphthalene	8.71	142	1927615	43.784	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	845115	42.852	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	917480	78.455	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	683768	44.908	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	716688	45.708	ng	99
46) 1,1'-Biphenyl	9.07	154	2323566	41.609	ng	98
47) 2-Chloronaphthalene	9.10	162	1885581	41.627	ng	97
48) 2-Nitroaniline	9.19	65	572036	43.316	ng	92
49) Acenaphthylene	9.51	152	2866170	40.612	ng	97
50) Dimethylphthalate	9.38	163	2170051	42.262	ng	99
51) 2,6-Dinitrotoluene	9.44	165	533559	45.009	ng	92
52) Acenaphthene	9.68	154	1766656	40.004	ng	99
53) 3-Nitroaniline	9.60	138	390139	26.969	ng	99
54) 2,4-Dinitrophenol	9.71	184	565141	91.486	ng	99
55) Dibenzofuran	9.85	168	2519792	39.754	ng	96
56) 4-Nitrophenol	9.77	139	956007	82.431	ng	95
57) 2,4-Dinitrotoluene	9.84	165	690195	45.092	ng	93
58) Fluorene	10.19	166	1720727	40.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	606469	46.127	ng	98
60) Diethylphthalate	10.08	149	2126267	41.195	ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	838222	41.226	ng	96
62) 4-Nitroaniline	10.21	138	595506	41.034	ng	97
63) Azobenzene	10.35	77	1959918	40.654	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	341732	48.072	ng	89
66) n-Nitrosodiphenylamine	10.31	169	1799366	43.237	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	634768	43.829	ng	97
68) Hexachlorobenzene	10.74	284	682747	43.431	ng	98
69) Atrazine	10.84	200	588389	43.951	ng	99
70) Pentachlorophenol	10.93	266	816107	81.489	ng	97
71) Phenanthrene	11.14	178	2802022	38.959	ng	98
72) Anthracene	11.20	178	2934274	40.417	ng	97
73) Carbazole	11.35	167	2658003	41.000	ng	98
74) Di-n-butylphthalate	11.70	149	3092174	41.277	ng	97
75) Fluoranthene	12.32	202	2970479	41.395	ng	99
77) Benzidine	12.44	184	980736	24.848	ng	99
78) Pyrene	12.54	202	3000307	43.922	ng	97
80) Butylbenzylphthalate	13.18	149	1463452	48.546	ng	98
81) Benzo(a)anthracene	13.72	228	2789240	43.733	ng	98
82) 3,3'-Dichlorobenzidine	13.69	252	891301	38.699	ng	98
83) Chrysene	13.77	228	2613204	44.729	ng	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1852039	46.886	ng	# 98
85) Di-n-octyl phthalate	14.35	149	3134961	47.236	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2746070	39.722	ng	99
88) Benzo(b)fluoranthene	14.73	252	3058220	53.633	ng	99
89) Benzo(k)fluoranthene	14.76	252	2369807	46.344	ng	97
90) Benzo(a)pyrene	15.05	252	2608199	50.749	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	2262397	47.154	ng	100
92) Benzo(g,h,i)perylene	16.76	276	2276170	46.873	ng	98

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

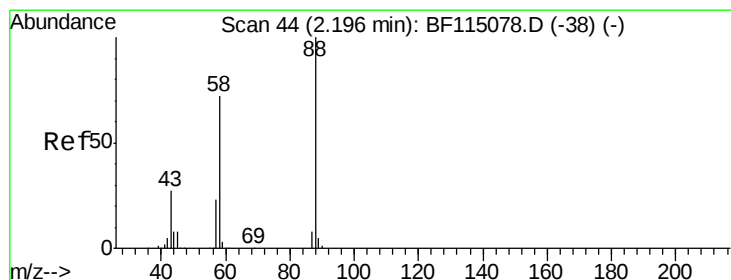
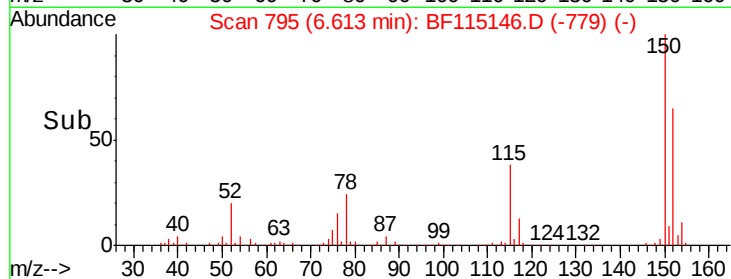
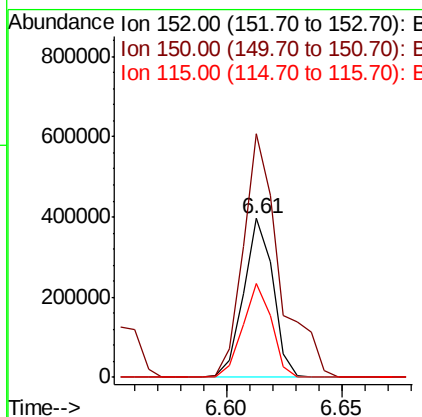
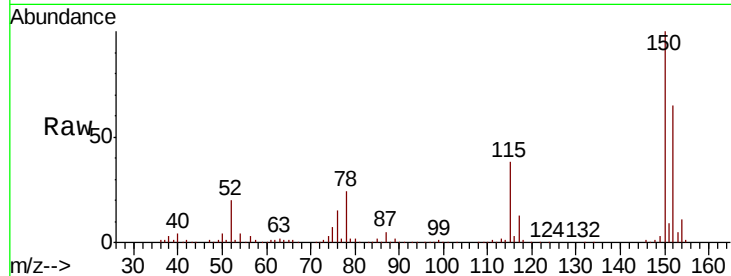


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

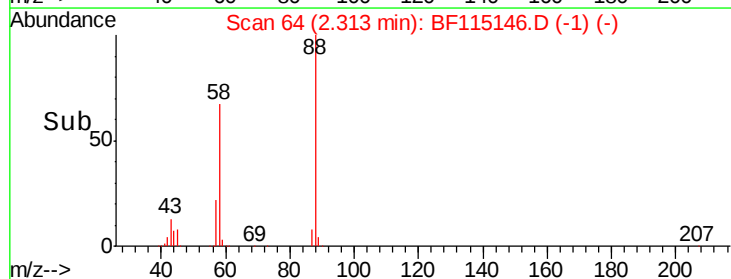
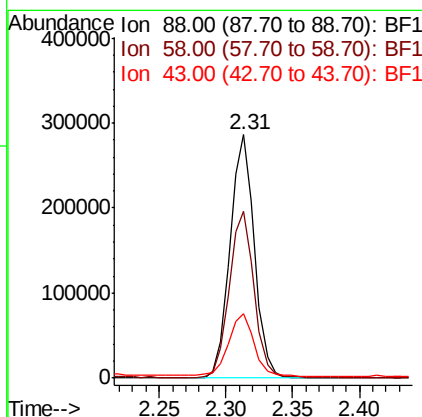
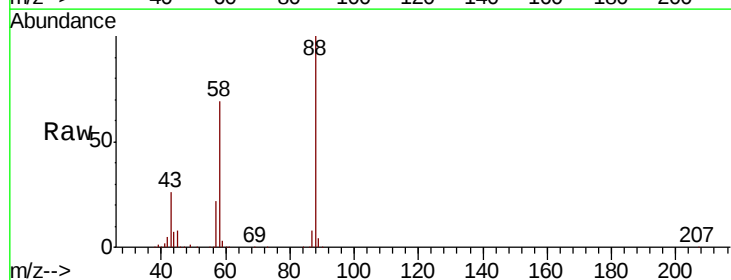
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.2
115	58.9	46.1	69.1

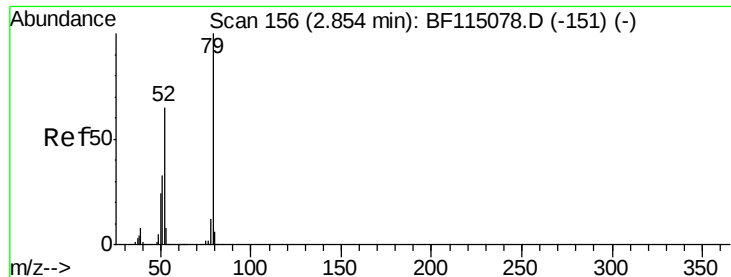


#2

1,4-Dioxane
 Concen: 33.789 ng
 RT: 2.31 min Scan# 64
 Delta R.T. 0.12 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	56.1	84.1
43	27.4	21.3	31.9





#3

Pvridine

Concen: 32.772 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

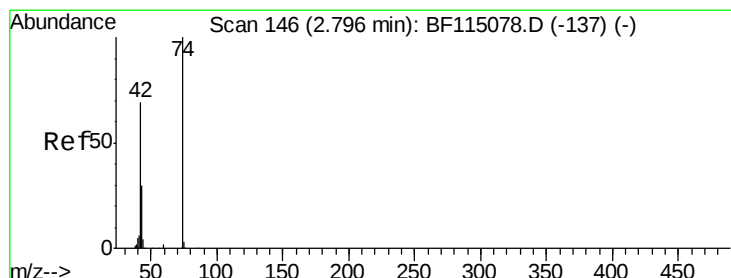
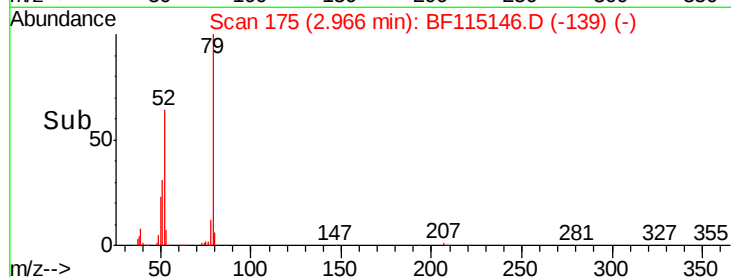
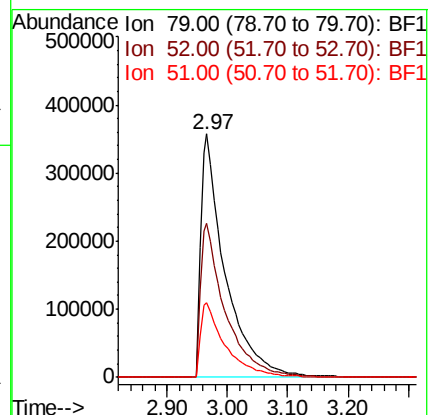
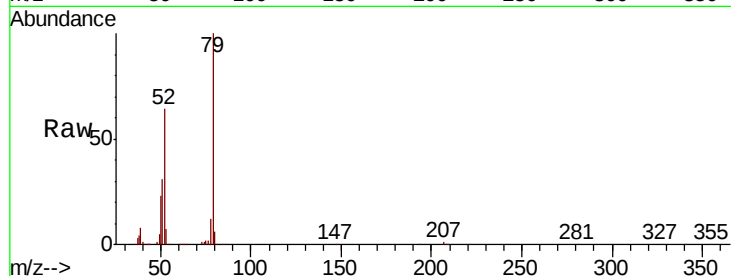
Tot Ion: 79 Resp: 999440

Ion Ratio Lower Upper

79 100

52 63.5 52.3 78.5

51 30.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.235 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.12 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

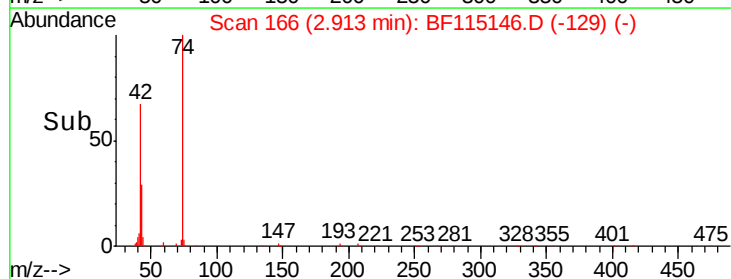
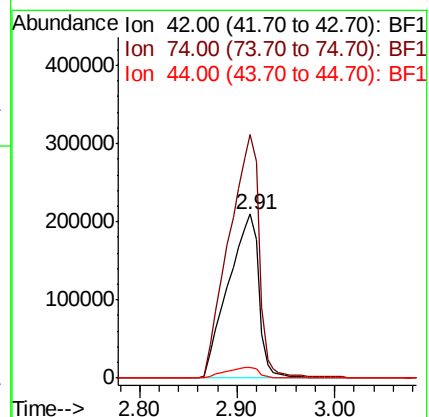
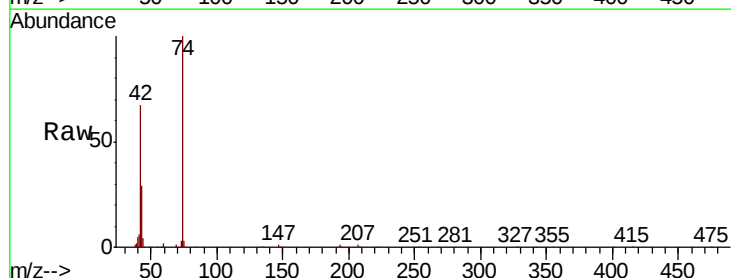
Tgt Ion: 42 Resp: 457121

Ion Ratio Lower Upper

42 100

74 148.4 116.6 175.0

44 6.4 5.3 7.9





#5

2-Fluorophenol

Concen: 112.400 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

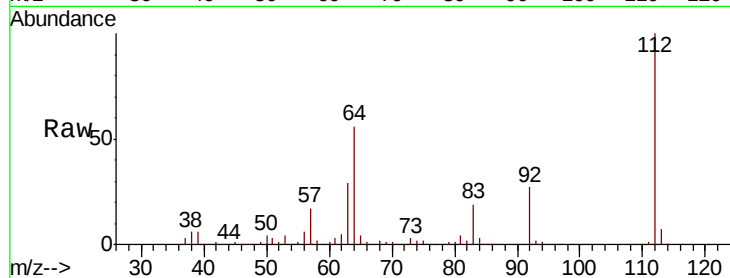
Tot Ion:112 Resp: 2576958

Ion Ratio Lower Upper

112 100

64 55.8 43.8 65.6

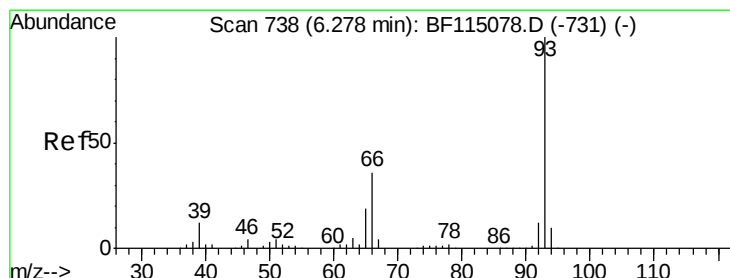
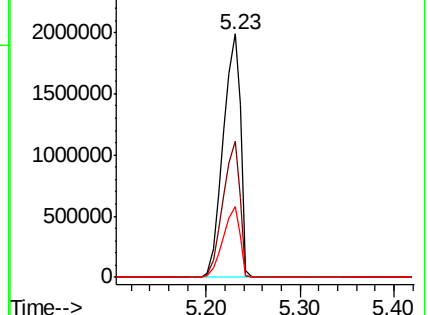
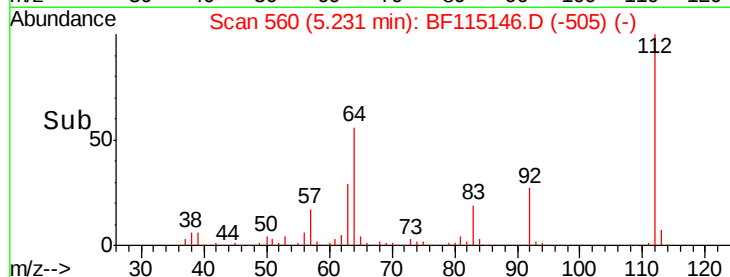
63 29.1 22.2 33.4



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: 25.609 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

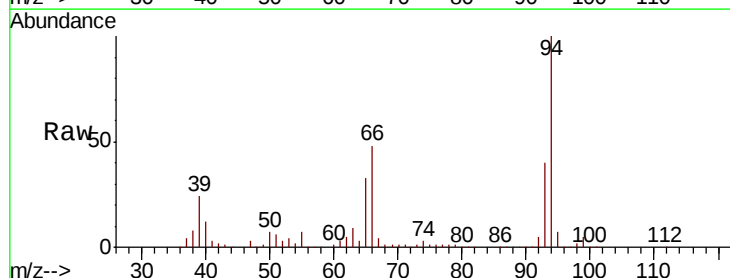
Tgt Ion: 93 Resp: 979417

Ion Ratio Lower Upper

93 100

66 118.7 30.0 45.0#

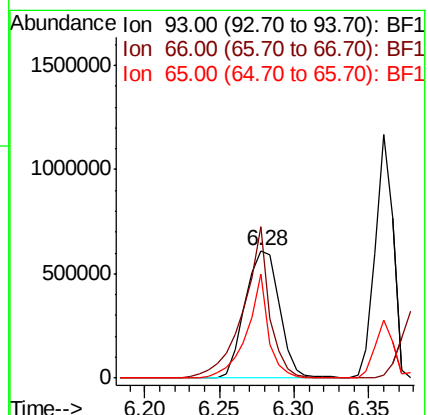
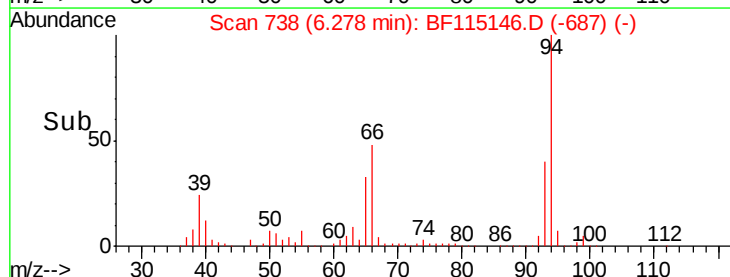
65 81.6 15.6 23.4#



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: 113.840 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

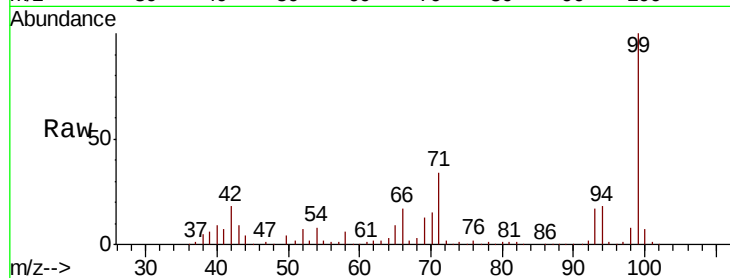
BNA_F

ClientSampleId :

PB120851BS

Tot Ion: 99 Resp: 3167857

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.6	20.4
71	34.4	25.5	38.3

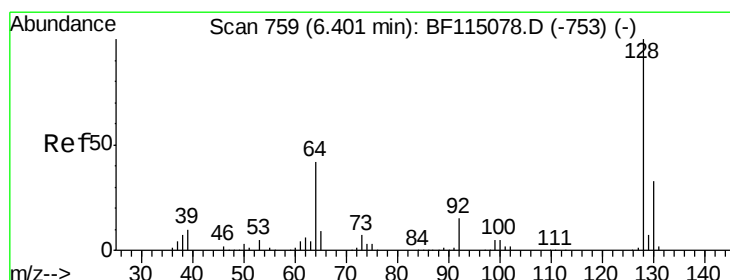
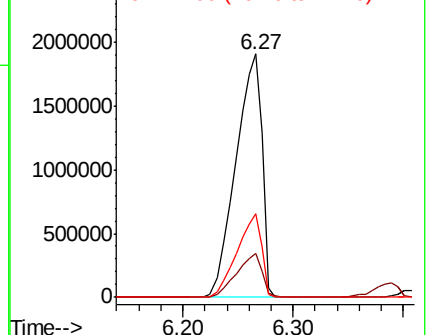
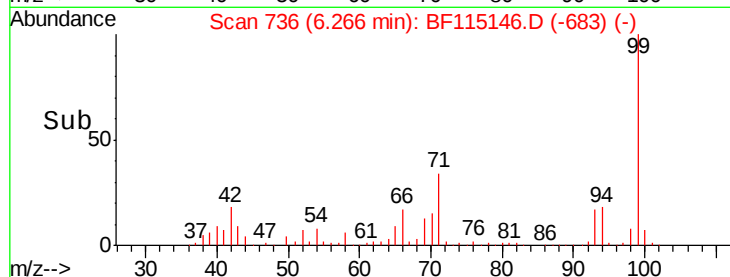


Abundance

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: 40.784 ng

RT: 6.41 min Scan# 760

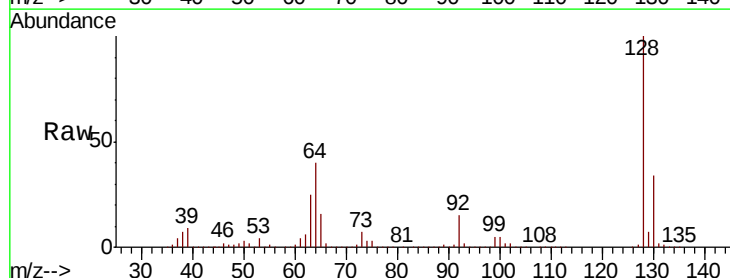
Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:128 Resp: 1051417

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	40.3	22.9	62.9

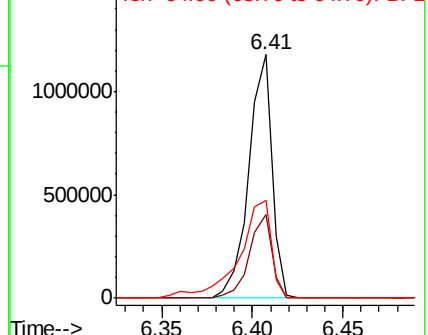
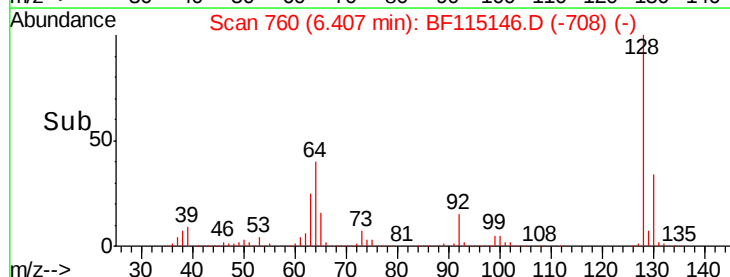


Abundance

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: 11.362 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

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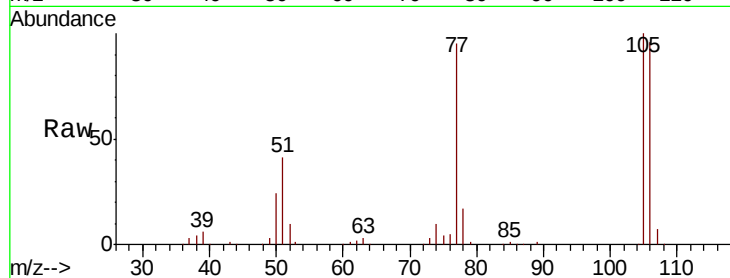
Tot Ion: 77 Resp: 206267

Ion Ratio Lower Upper

77 100

105 104.9 81.5 121.5

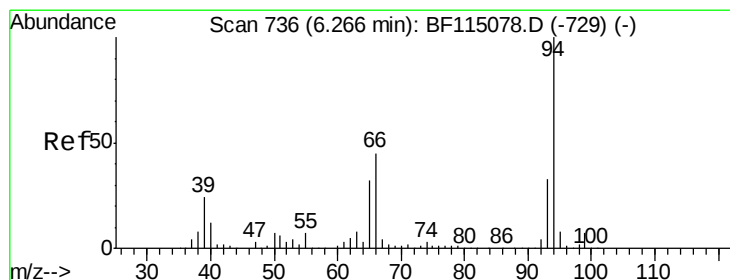
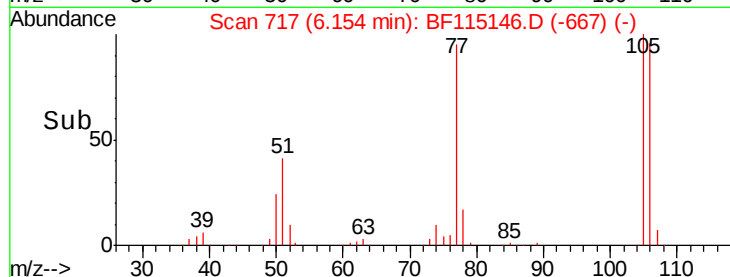
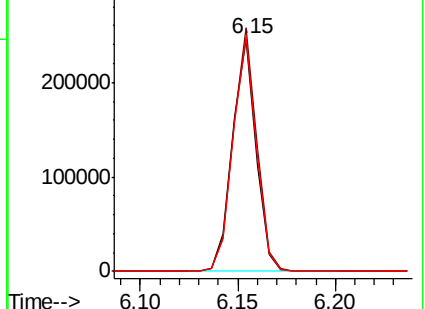
106 100.9 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.385 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

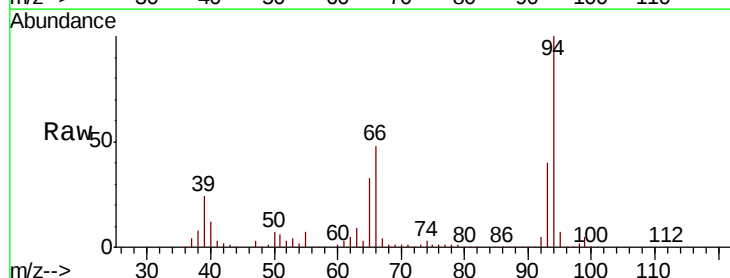
Tgt Ion: 94 Resp: 1186009

Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

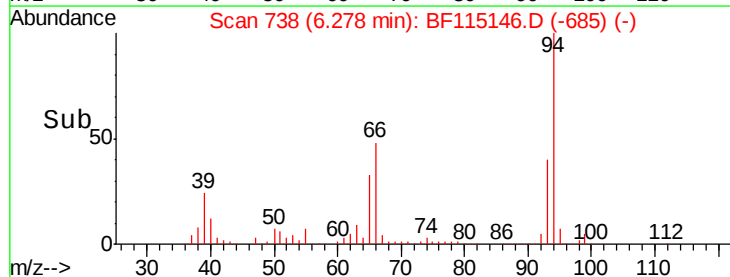
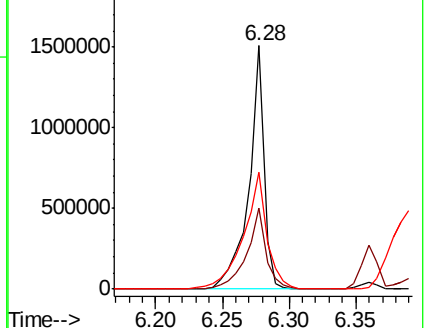
66 48.1 25.2 65.2

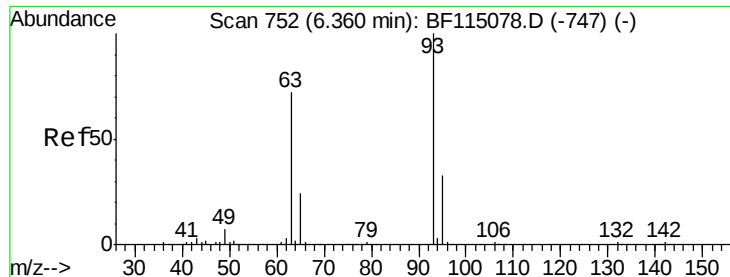


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

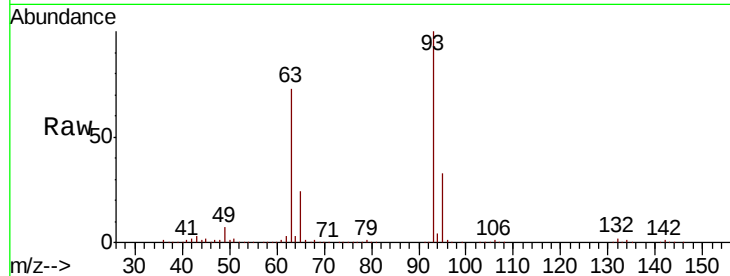




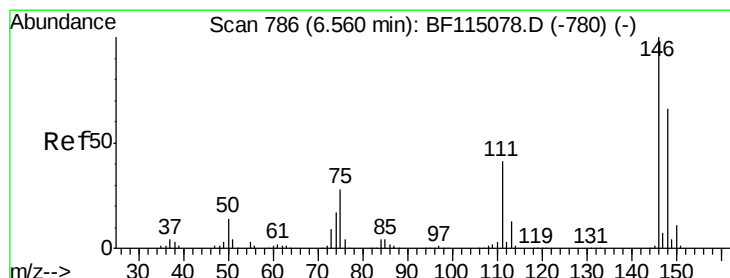
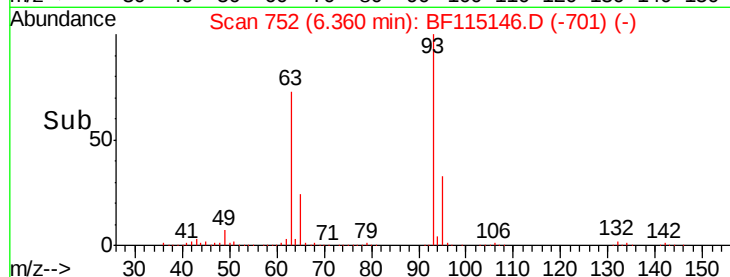
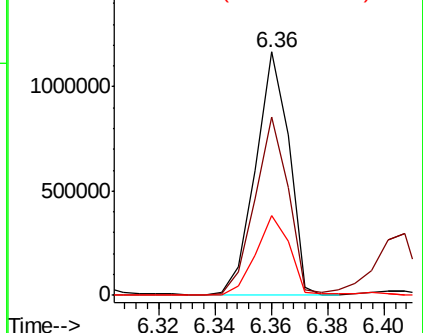
#11
bis(2-Chloroethyl)ether
Concen: 39.781 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion: 93 Resp: 955861
Ion Ratio Lower Upper
93 100
63 73.2 51.5 91.5
95 33.0 13.4 53.4

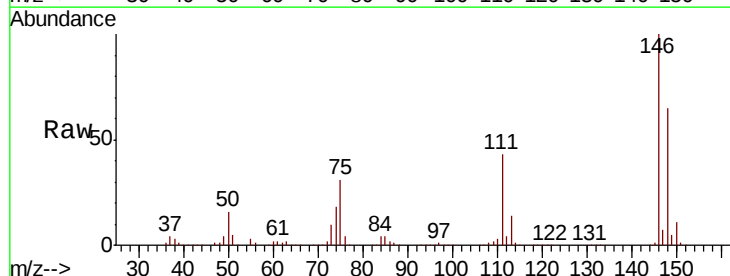


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

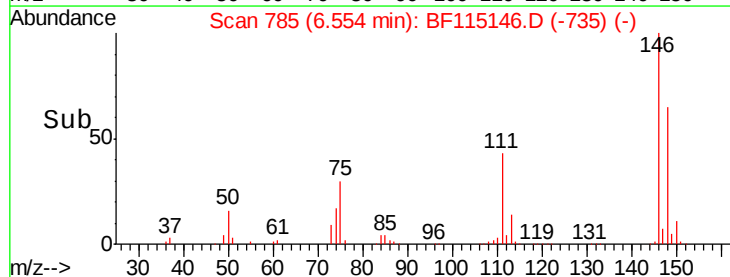
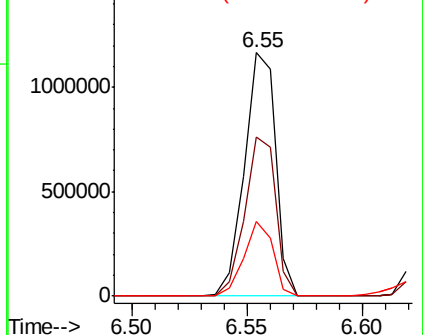


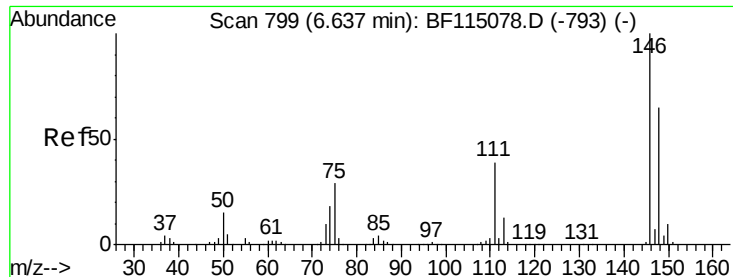
#12
1,3-Dichlorobenzene
Concen: 38.529 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:146 Resp: 1102337
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
75 30.5 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

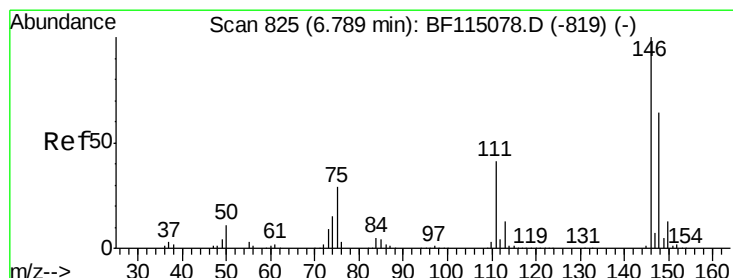
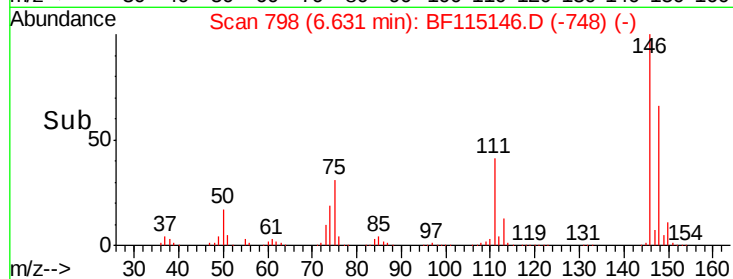
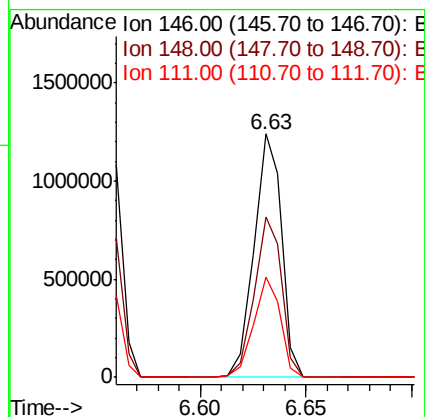
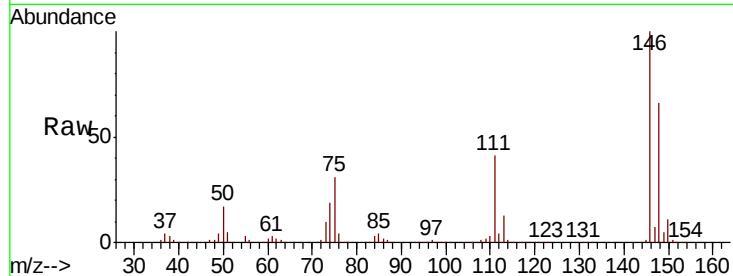




#13
 1,4-Dichlorobenzene
 Concen: 39.150 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

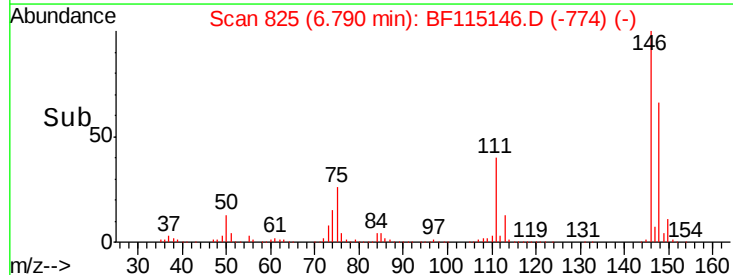
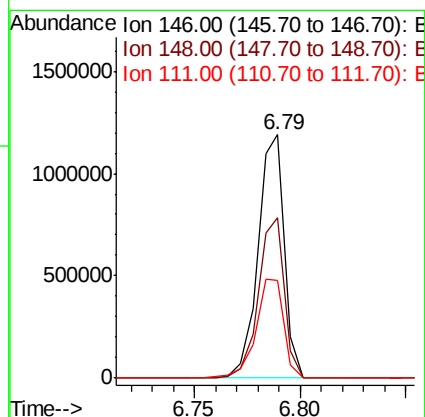
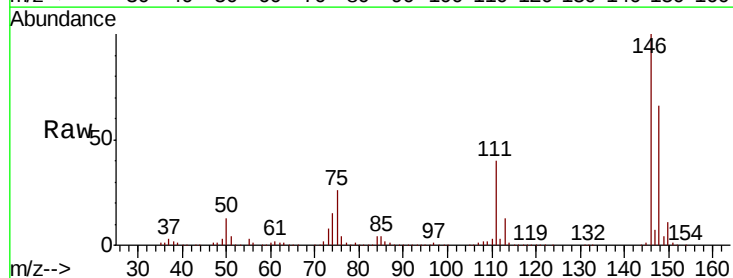
Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:146 Resp: 1123207
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 41.2 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 38.782 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:146 Resp: 1030393
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.1 76.7
 111 40.3 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.249 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleID :

PB120851BS

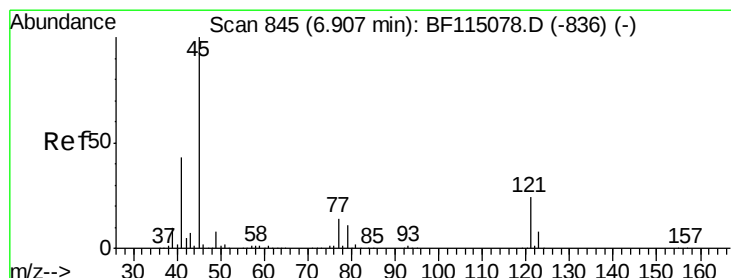
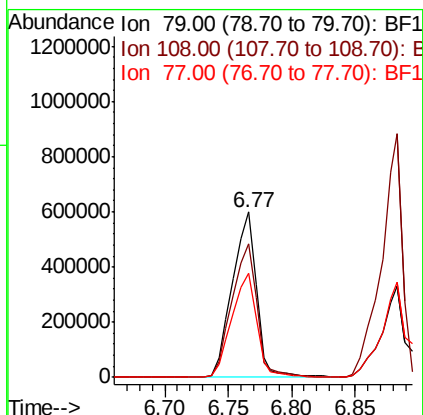
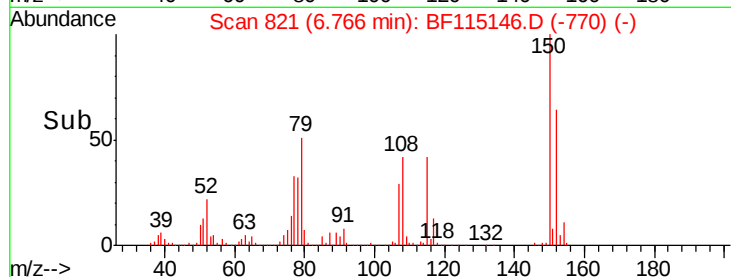
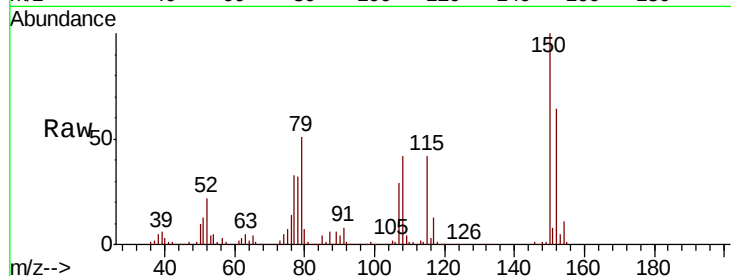
Tot Ion: 79 Resp: 795313

Ion Ratio Lower Upper

79 100

108 80.9 68.7 103.1

77 63.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.221 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

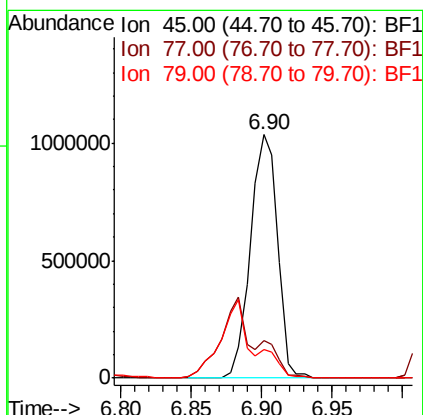
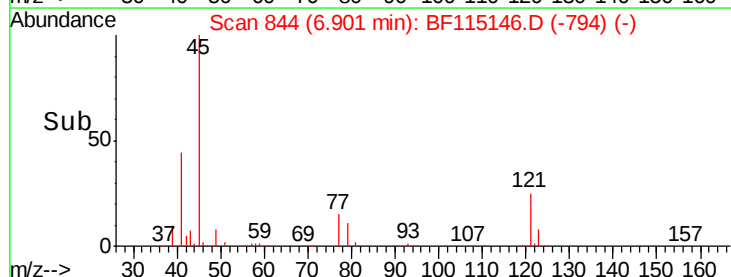
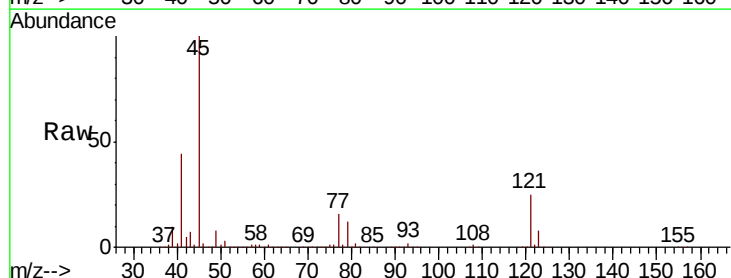
Tgt Ion: 45 Resp: 1401691

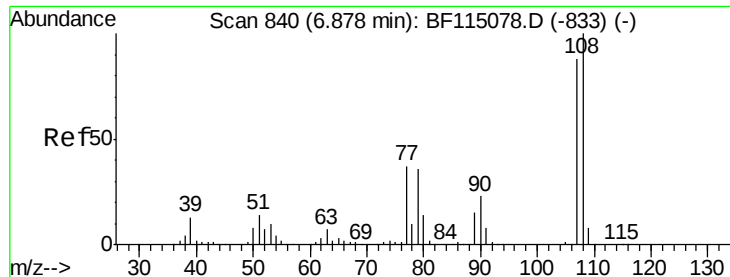
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.6

79 11.5 0.0 31.2

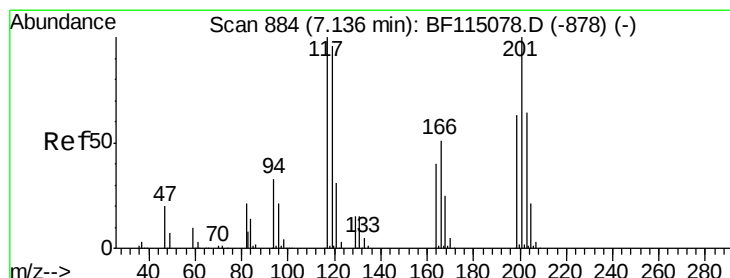
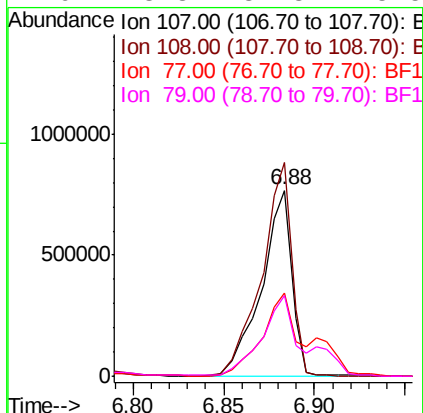
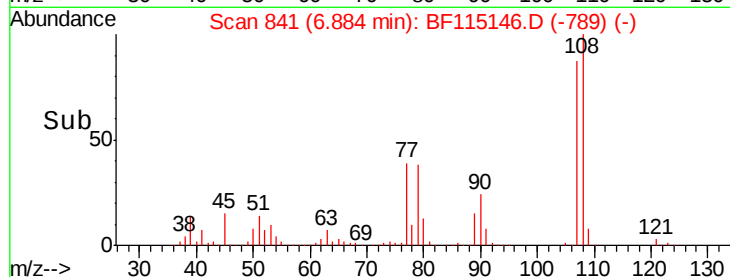
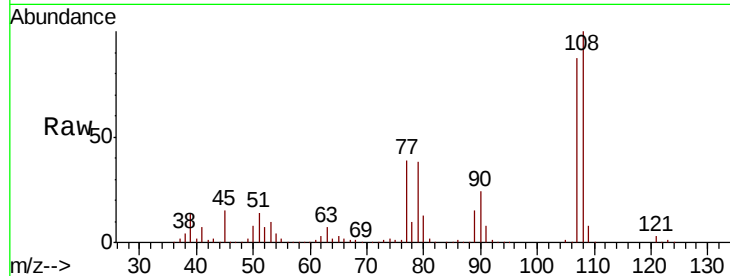




#17
2-Methylphenol
Concen: 41.764 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

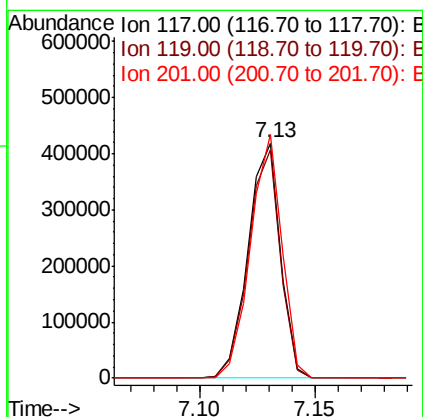
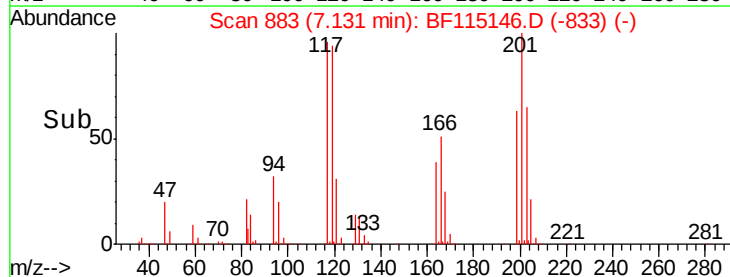
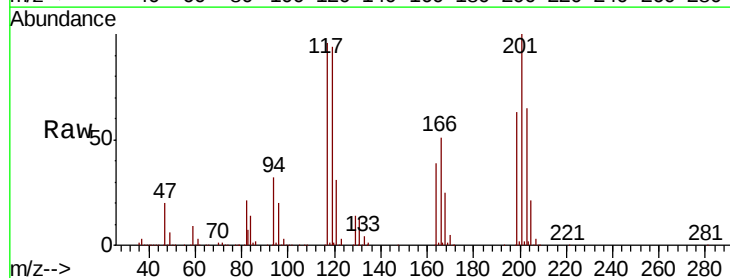
Instrument :
BNA_F
ClientSampled :
PB120851BS

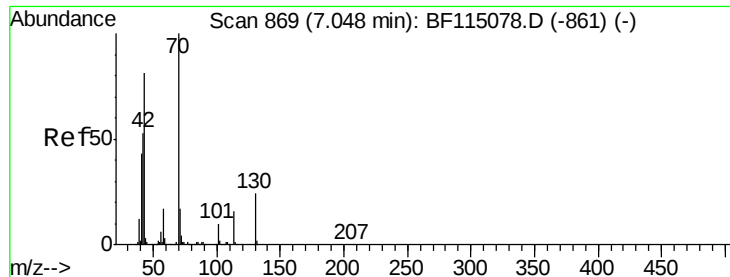
Tot Ion:107 Resp: 888713
Ion Ratio Lower Upper
107 100
108 114.8 90.9 136.3
77 44.9 33.4 50.2
79 43.3 32.3 48.5



#18
Hexachloroethane
Concen: 39.628 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:117 Resp: 409880
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8
201 103.6 80.2 120.2

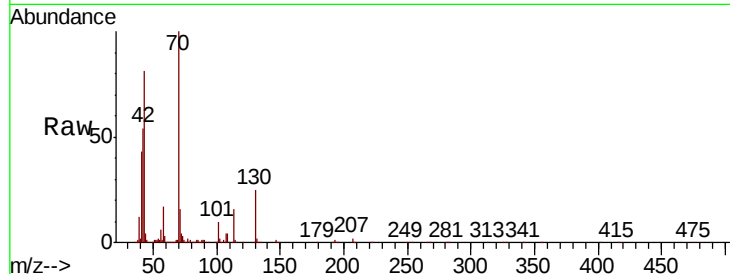




#19
n-Nitroso-di-n-propylamine
Concen: 39.287 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:	70	Resp:	699915
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.5	8.0	12.0
130	25.1	19.4	29.0



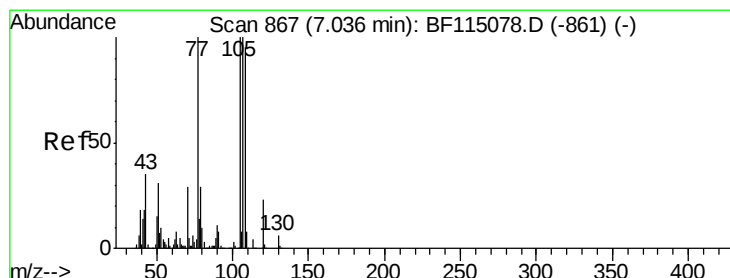
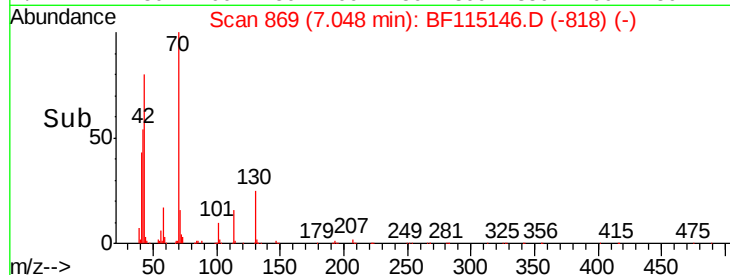
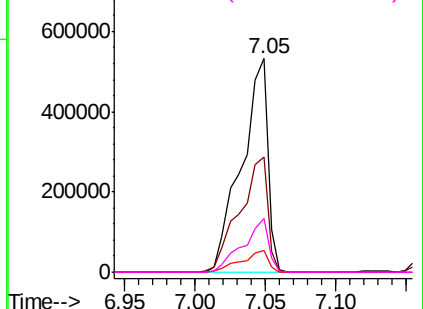
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

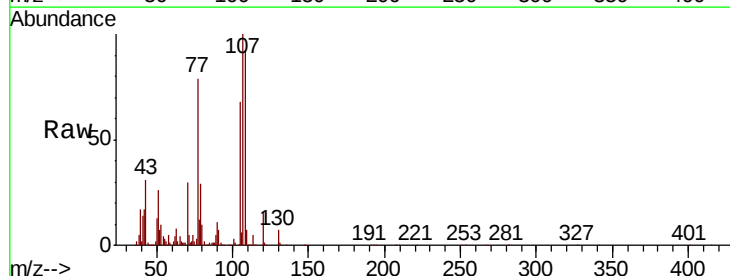
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.180 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:	107	Resp:	987244
Ion	Ratio	Lower	Upper
107	100		
108	92.4	75.5	115.5
77	79.5	80.2	120.2#
79	29.3	9.5	49.5



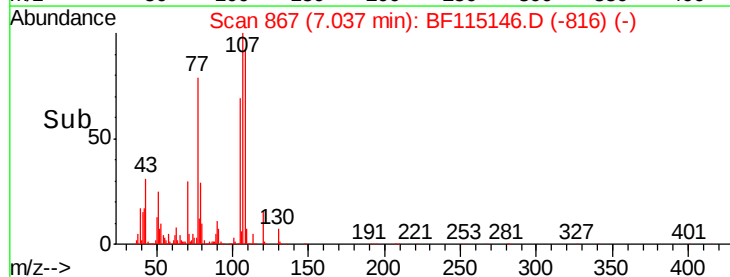
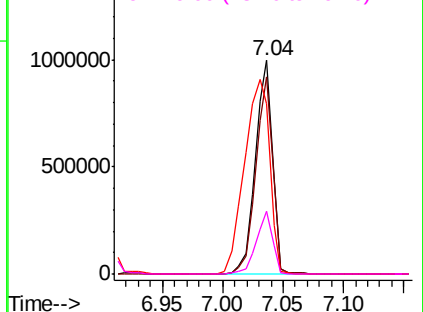
Abundance

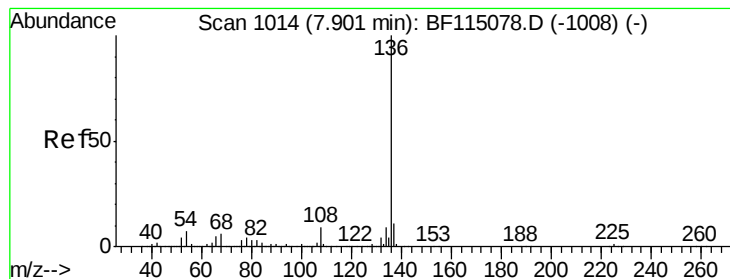
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:136 Resp: 1392756

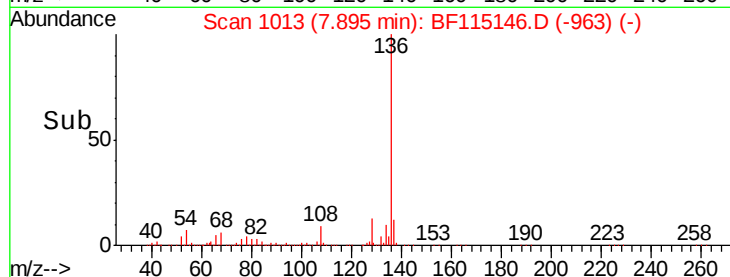
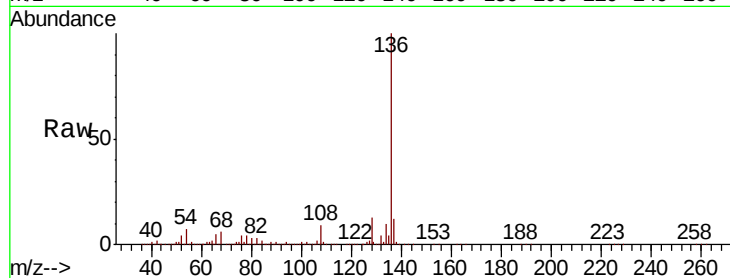
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	5.6	8.4
68	6.0	4.8	7.2

136 100

137 11.5 8.9 13.3

54 7.2 5.6 8.4

68 6.0 4.8 7.2



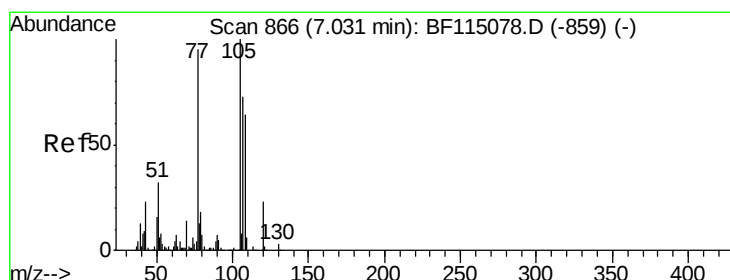
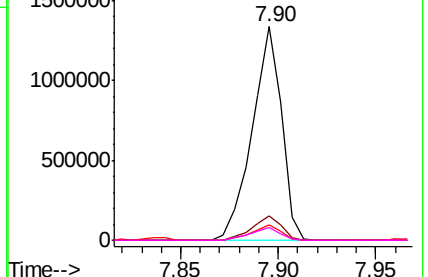
Abundance

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: 43.936 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:105 Resp: 1400894

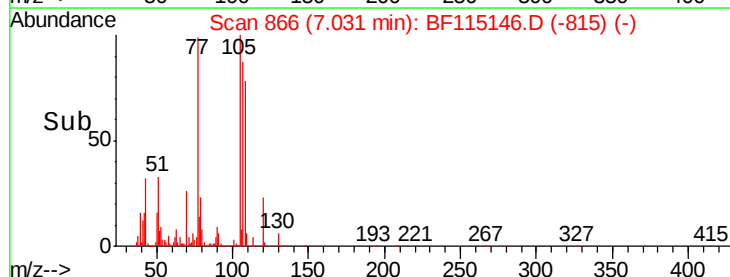
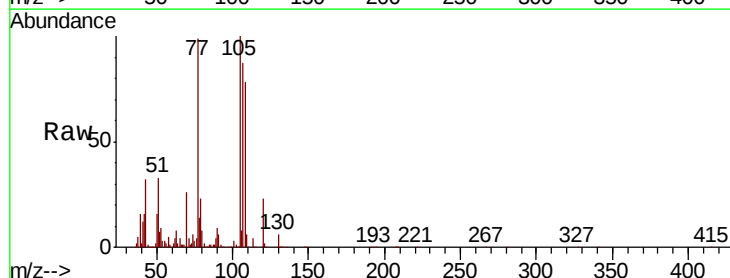
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	33.3	25.8	38.8
120	23.2	18.5	27.7

105 100

71 4.4 1.9 2.9#

51 33.3 25.8 38.8

120 23.2 18.5 27.7



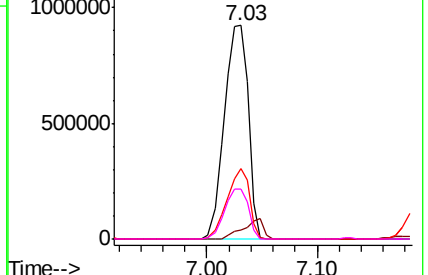
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



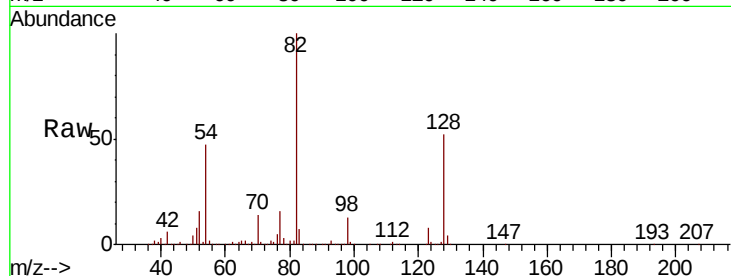


#23
 Nitrobenzene-d5
 Concen: 87.788 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

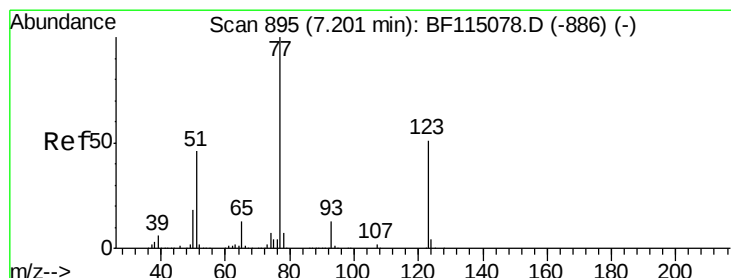
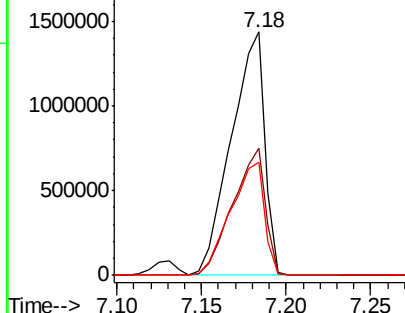
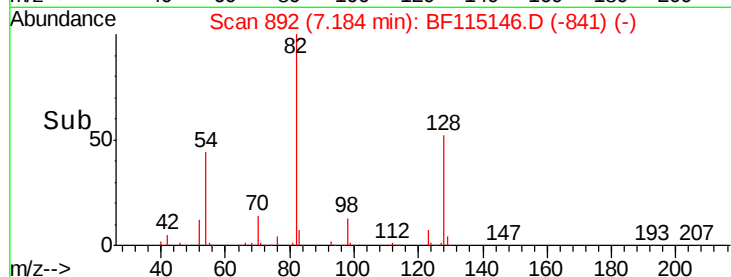
Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion: 82 Resp: 1987597

Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.4	60.6
54	46.6	37.5	56.3



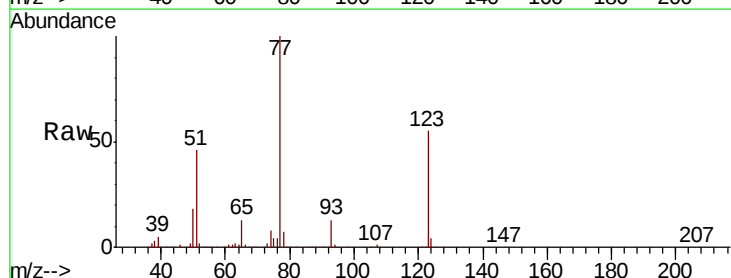
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



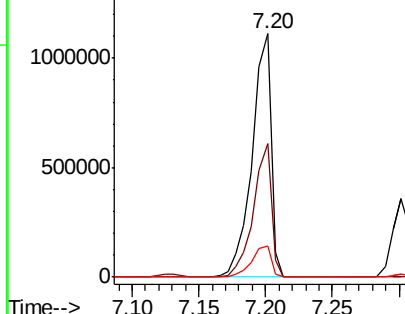
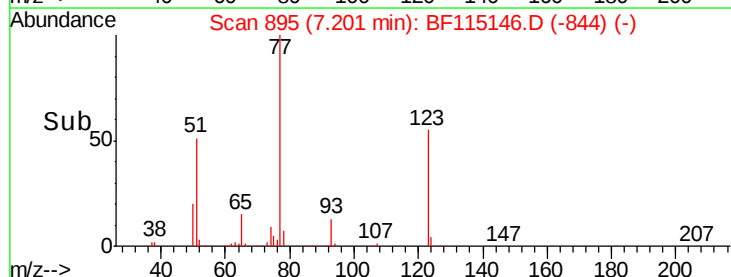
#24
 Nitrobenzene
 Concen: 43.179 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

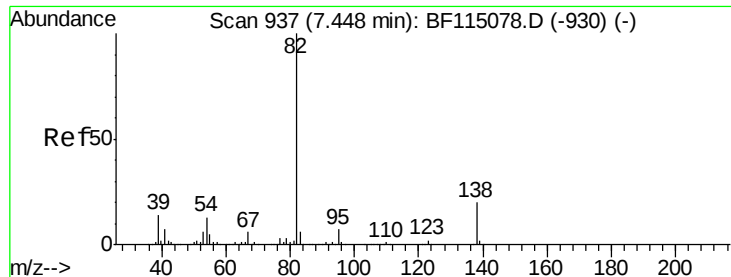
Tgt Ion: 77 Resp: 1077000

Ion	Ratio	Lower	Upper
77	100		
123	54.8	41.0	61.6
65	13.0	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: 43.794 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

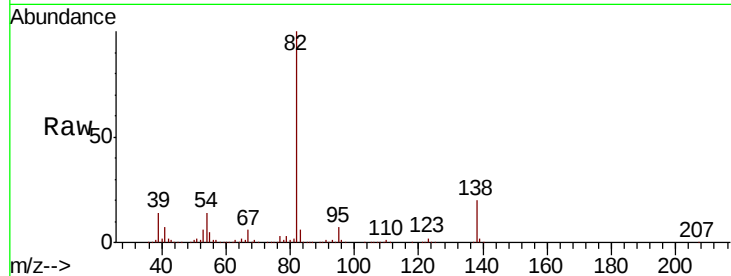
Tot Ion: 82 Resp: 2031178

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

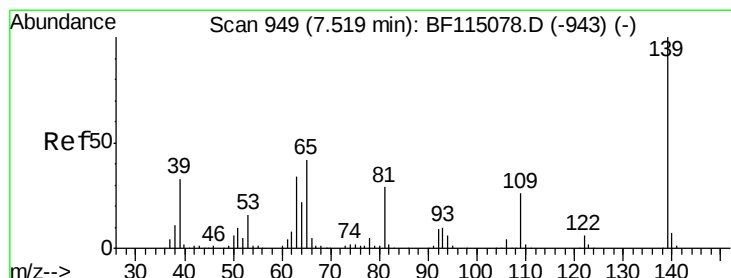
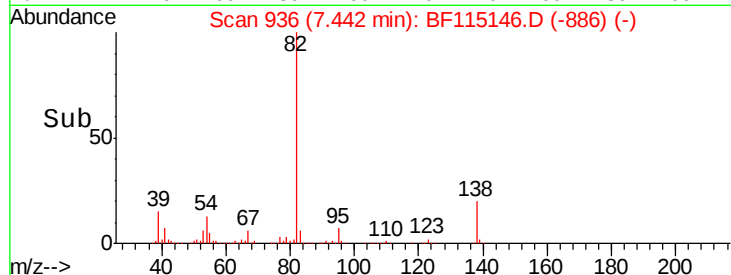
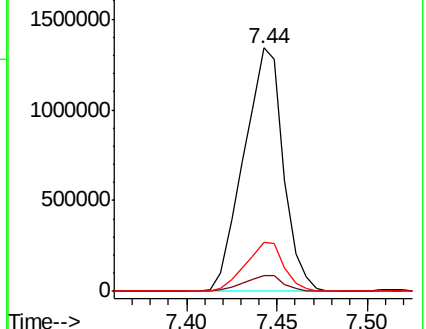
138 19.9 15.9 23.9



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: 49.453 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

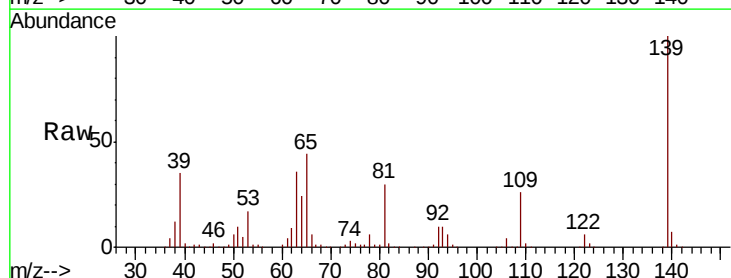
Tgt Ion: 139 Resp: 609158

Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

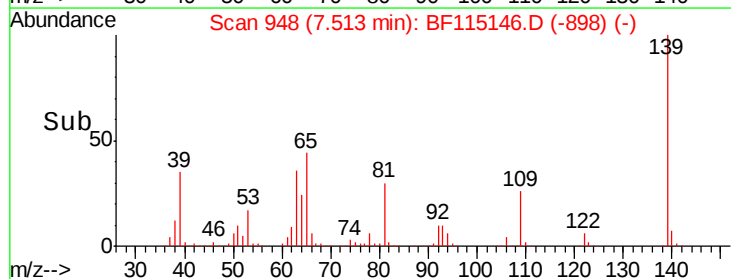
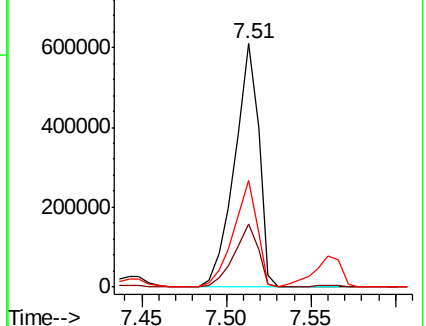
65 43.9 33.6 50.4

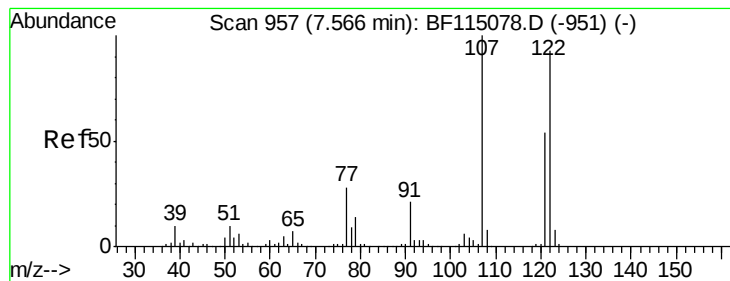


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.907 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

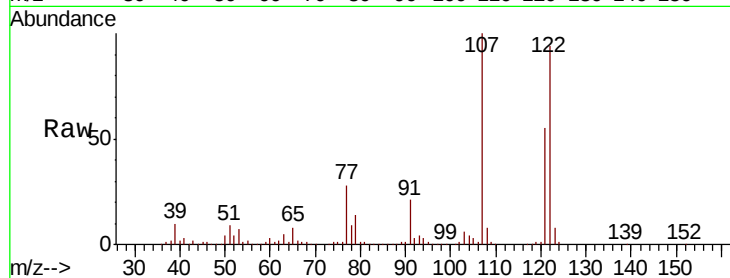
Tot Ion:122 Resp: 986359

Ion Ratio Lower Upper

122 100

107 106.6 85.8 128.6

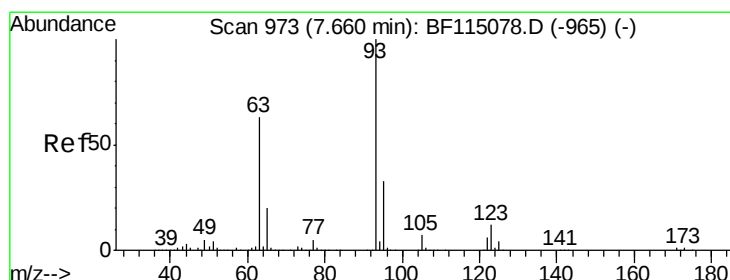
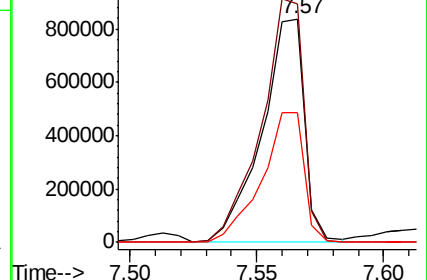
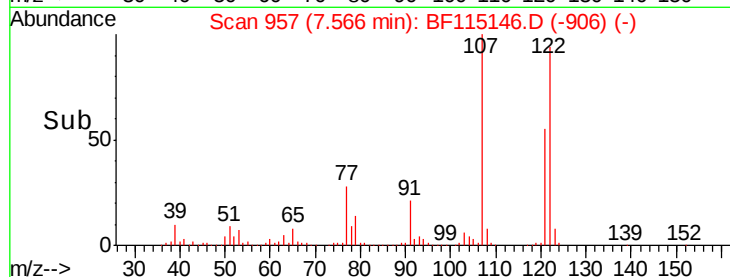
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.011 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

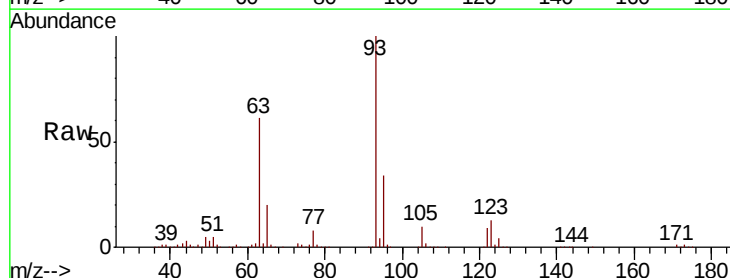
Tgt Ion: 93 Resp: 1260852

Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.4

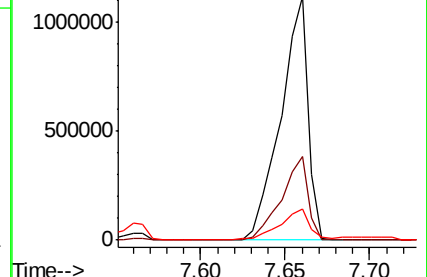
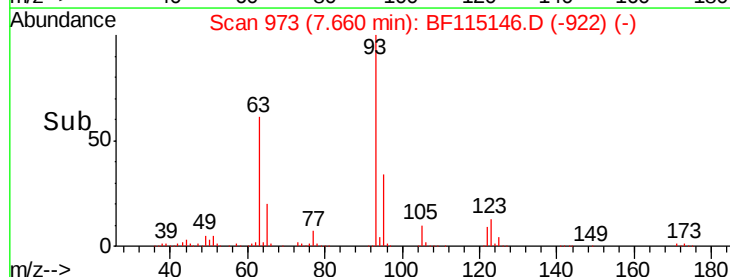
123 13.0 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

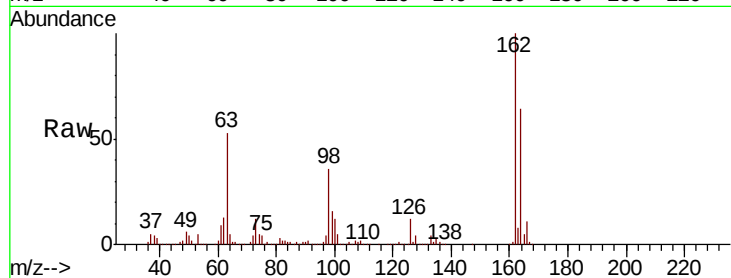




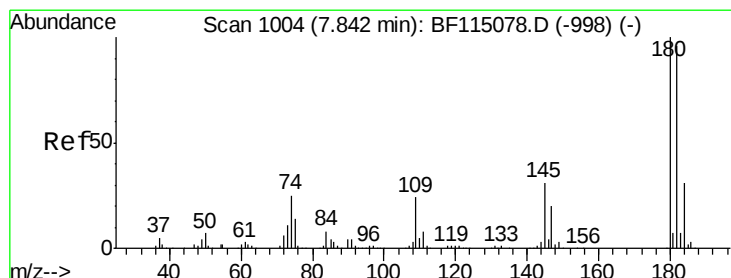
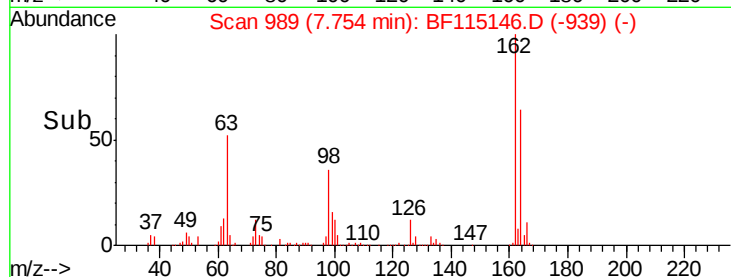
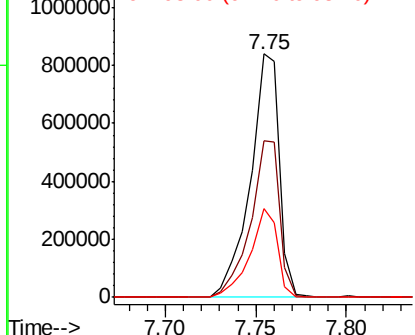
#29
 2,4-Dichlorophenol
 Concen: 44.993 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleID :
 PB120851BS

Tot Ion:162 Resp: 936443
 Ion Ratio Lower Upper
 162 100
 164 64.5 45.3 85.3
 98 36.3 12.5 52.5

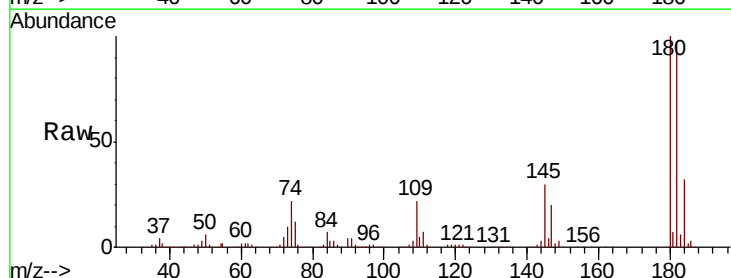


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

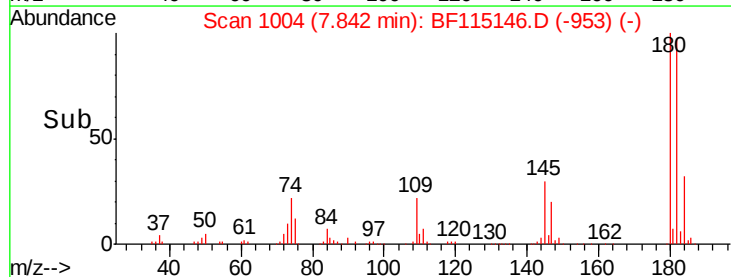
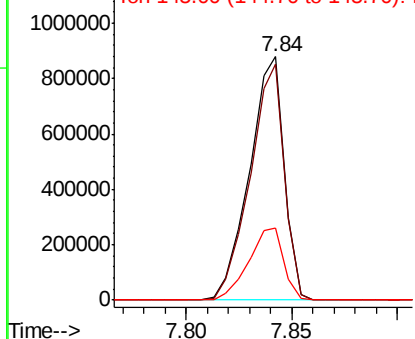


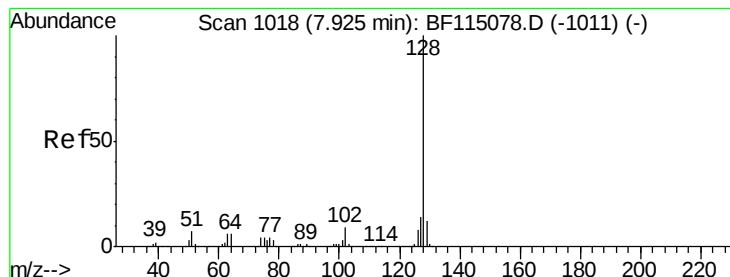
#30
 1,2,4-Trichlorobenzene
 Concen: 43.618 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:180 Resp: 1002777
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.4 114.6
 145 29.8 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.755 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

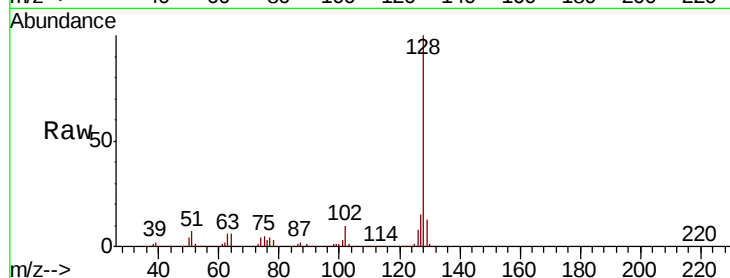
Tot Ion:128 Resp: 2923011

Ion Ratio Lower Upper

128 100

129 12.5 9.6 14.4

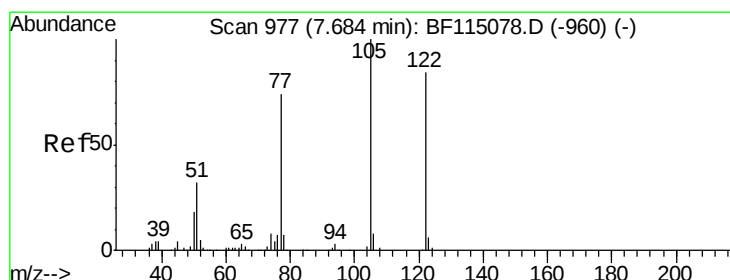
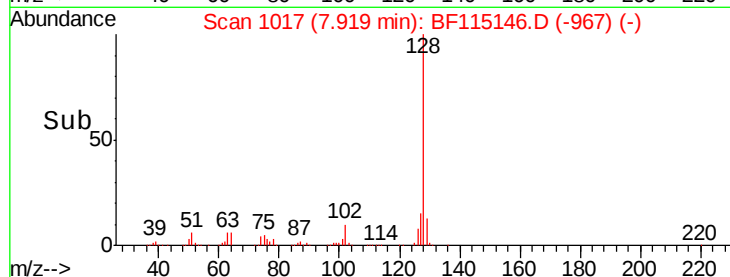
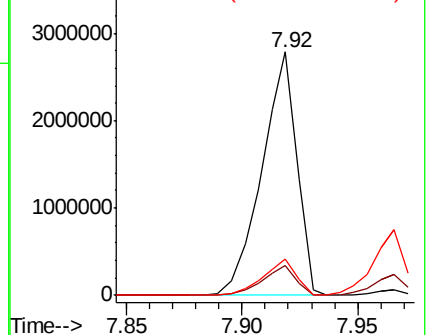
127 14.8 11.4 17.0



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: 55.999 ng

RT: 7.71 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

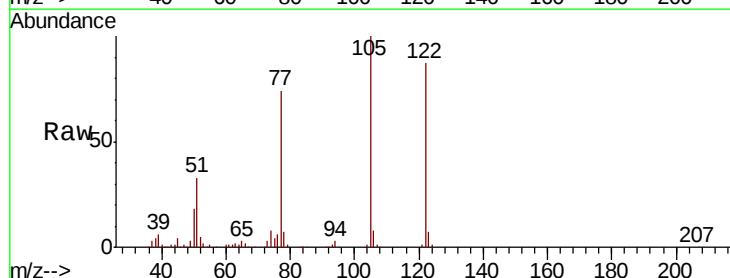
Tgt Ion:122 Resp: 806175

Ion Ratio Lower Upper

122 100

105 115.2 98.2 138.2

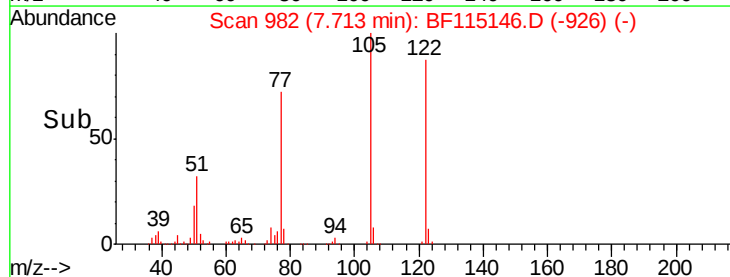
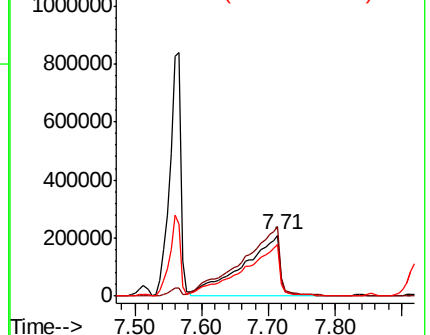
77 85.1 67.0 107.0



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

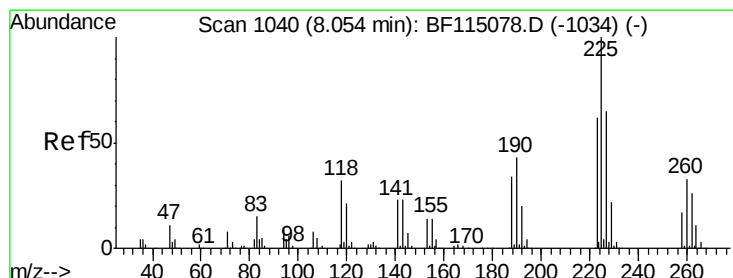
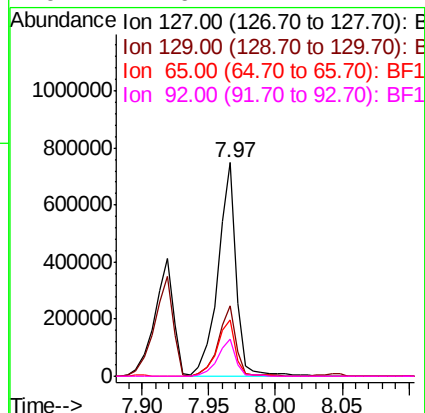
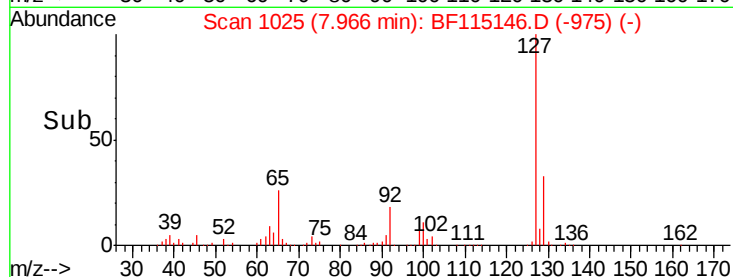
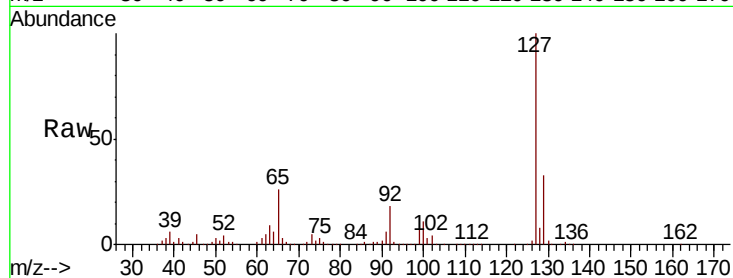




#33
4-Chloroaniline
Concen: 22.886 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

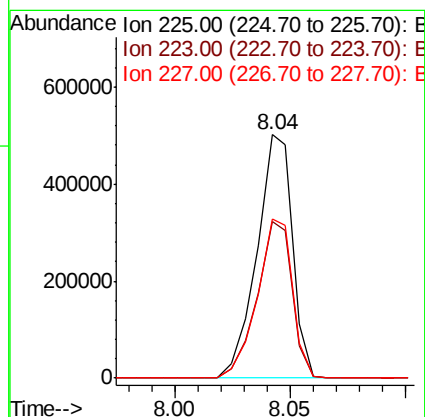
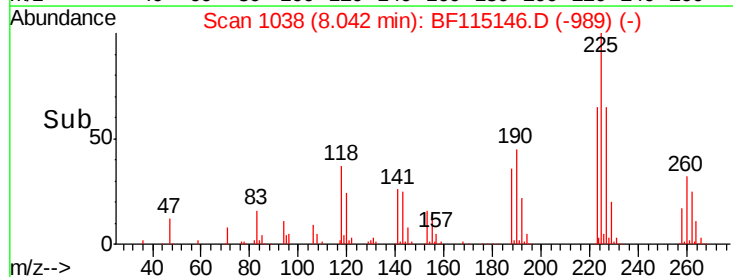
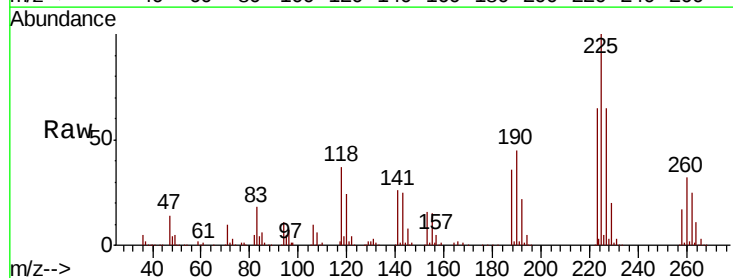
Instrument :
BNA_F
ClientSampleId :
PB120851BS

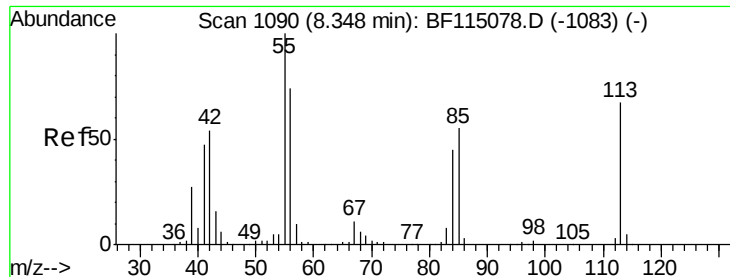
Tot Ion:	127	Resp:	715086
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	26.4	21.4	32.2
92	17.6	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.677 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:	225	Resp:	537669
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.4	74.2
227	65.2	51.8	77.8

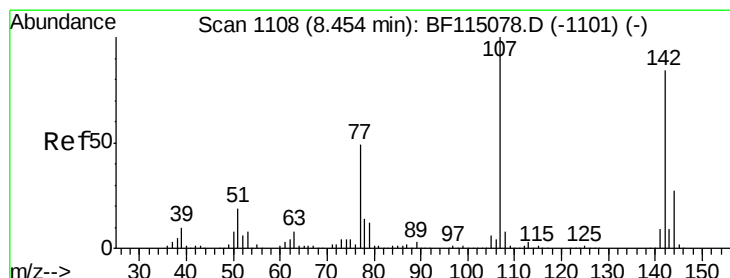
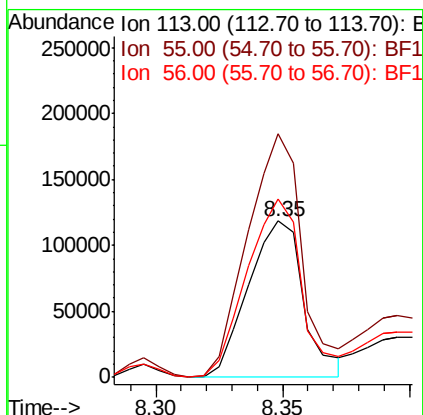
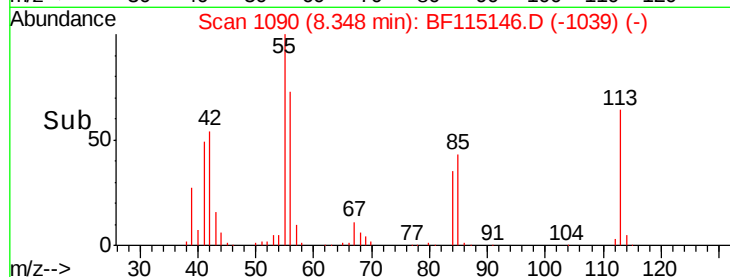
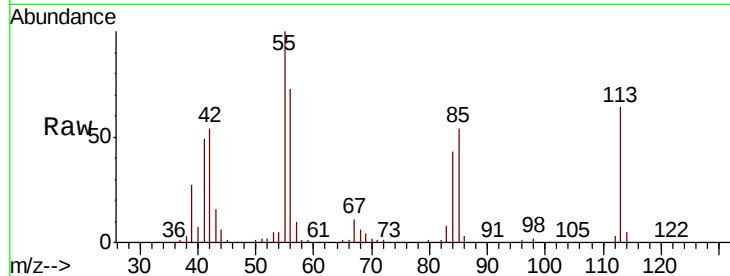




#35
Caprolactam
Concen: 25.921 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

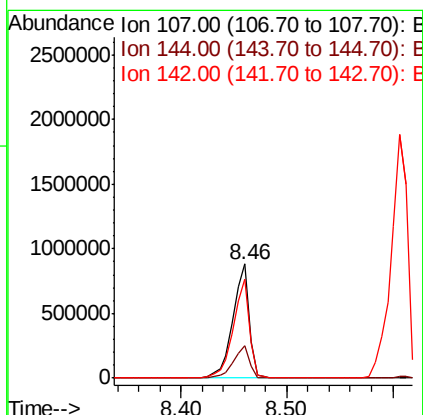
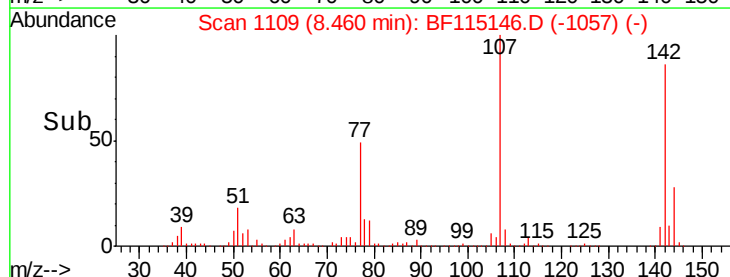
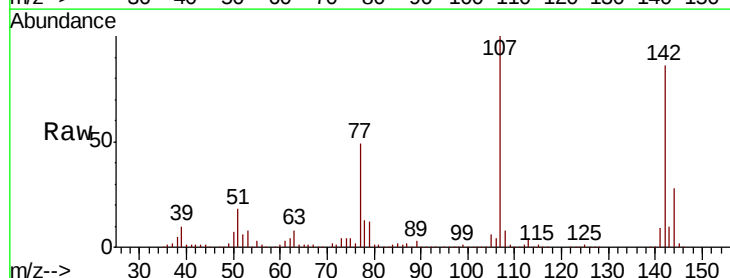
Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:113 Resp: 181387
Ion Ratio Lower Upper
113 100
55 155.9 130.2 170.2
56 114.3 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 44.282 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:107 Resp: 933386
Ion Ratio Lower Upper
107 100
144 28.3 21.7 32.5
142 86.3 67.0 100.4

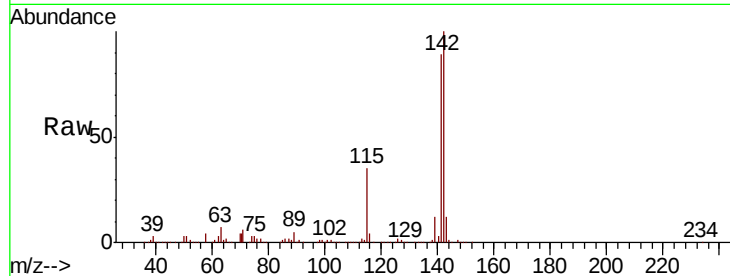




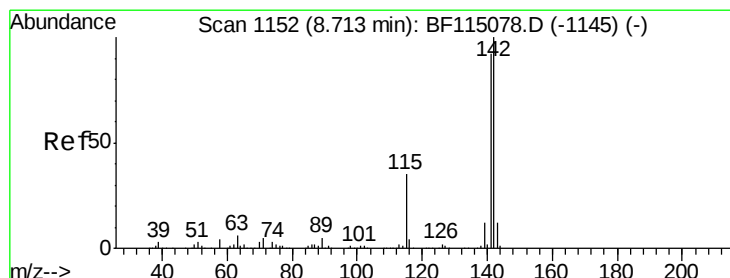
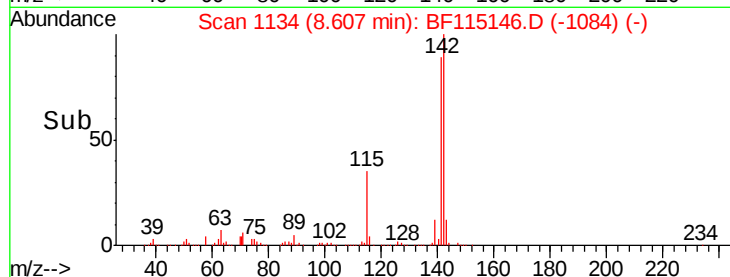
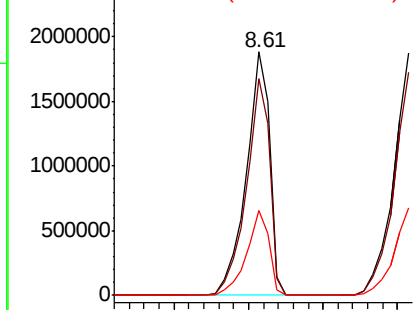
#37
2-Methylnaphthalene
Concen: 44.056 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:142 Resp: 2030833
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 34.9 26.7 40.1

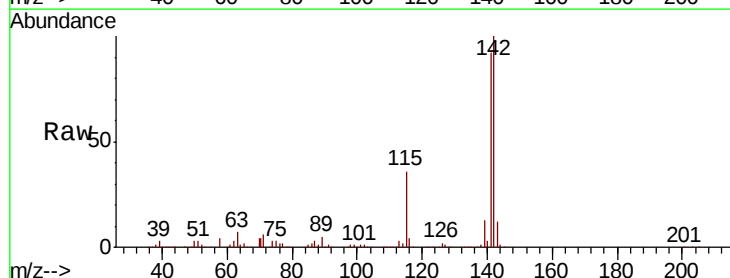


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

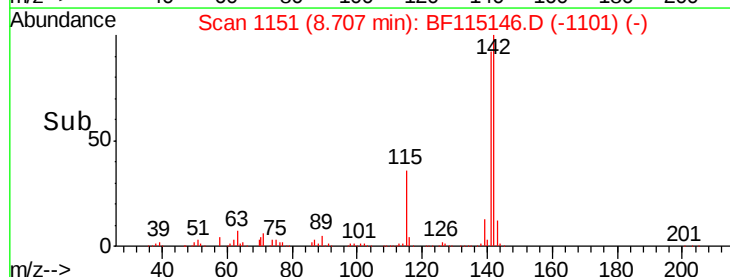
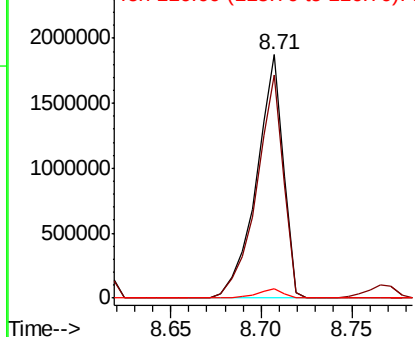


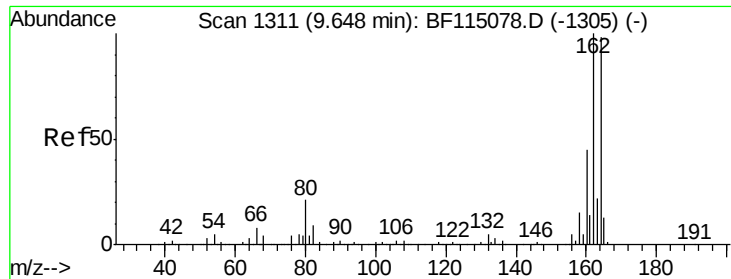
#38
1-Methylnaphthalene
Concen: 43.784 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:142 Resp: 1927615
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.9 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

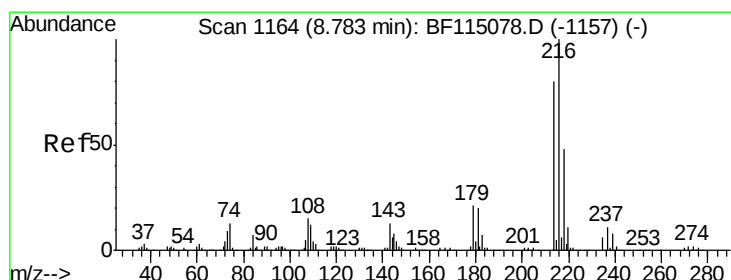
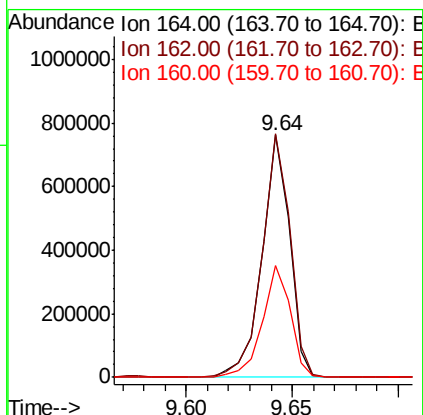
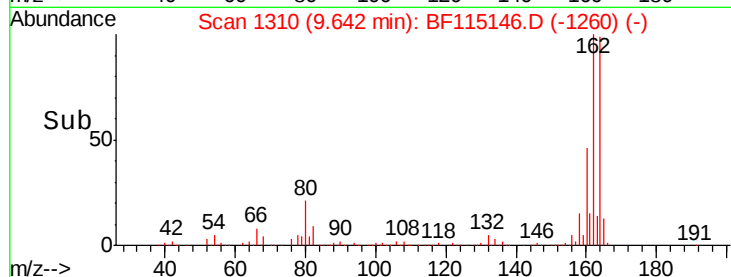
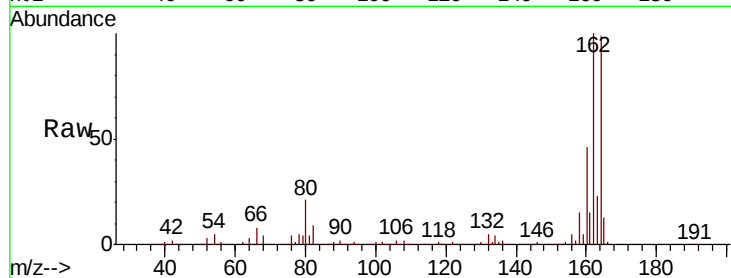




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

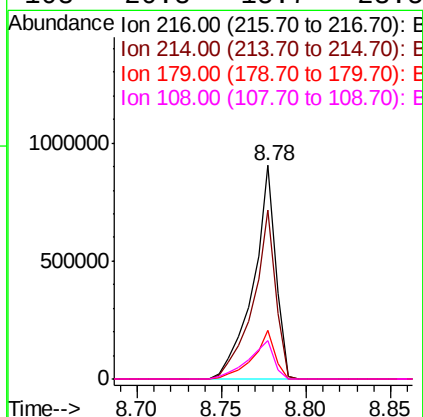
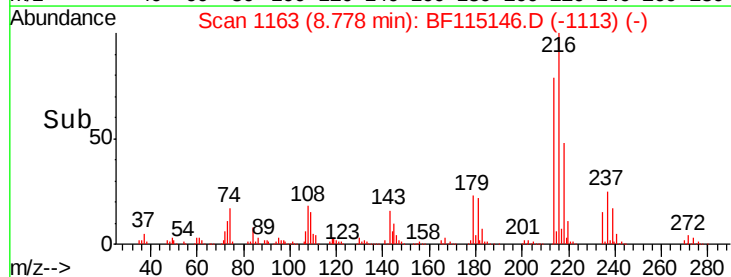
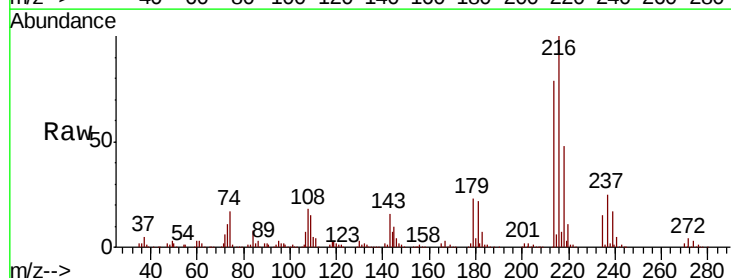
Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:164 Resp: 697914
Ion Ratio Lower Upper
164 100
162 100.5 81.7 122.5
160 46.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.852 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:216 Resp: 845115
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.3 17.6 26.4
108 20.8 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 78.455 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

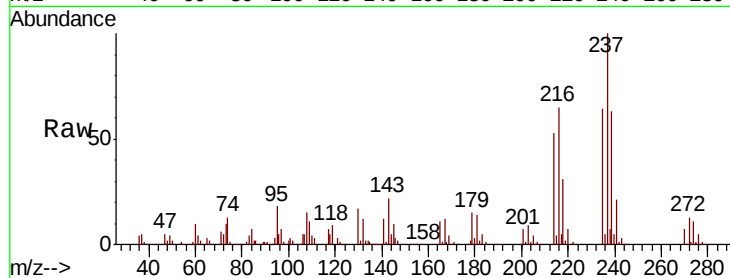
Tot Ion:237 Resp: 917480

Ion Ratio Lower Upper

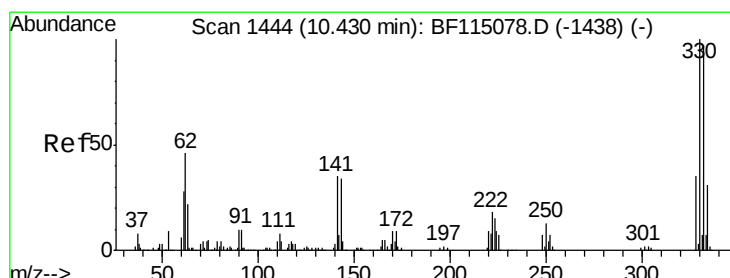
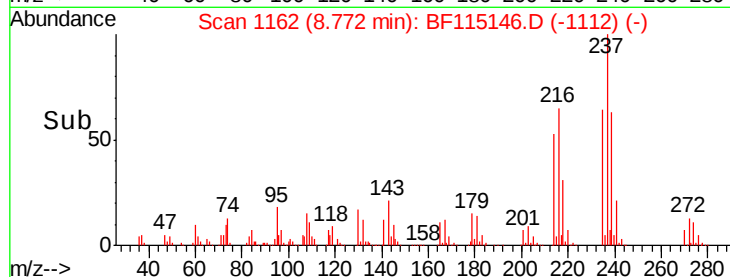
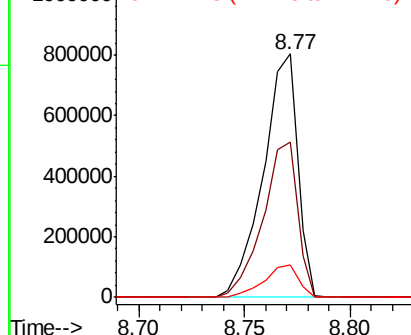
237 100

235 63.7 43.9 83.9

272 13.4 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: 122.570 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

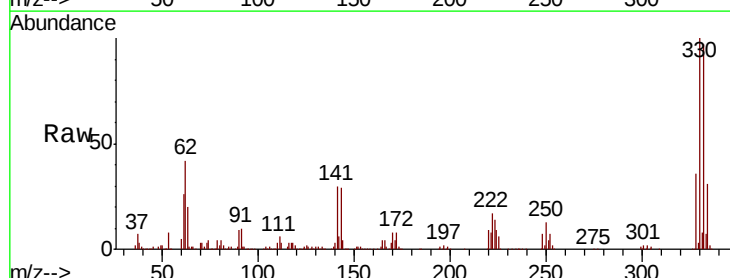
Tgt Ion:330 Resp: 902085

Ion Ratio Lower Upper

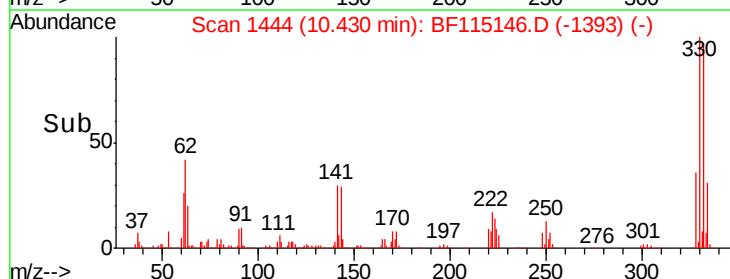
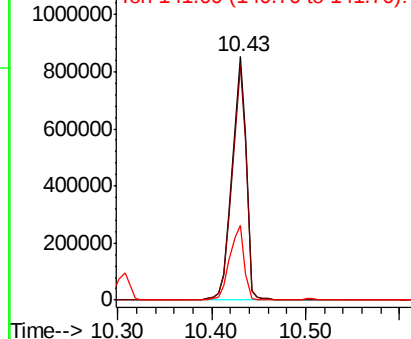
330 100

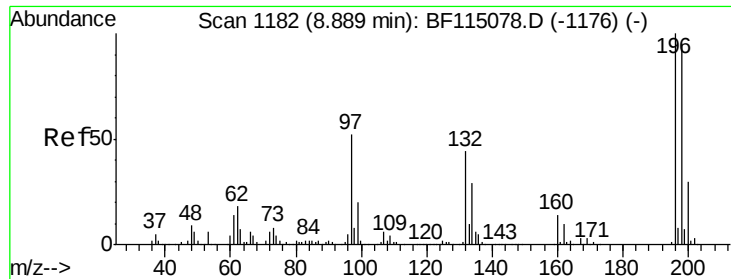
332 96.0 77.3 115.9

141 31.2 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

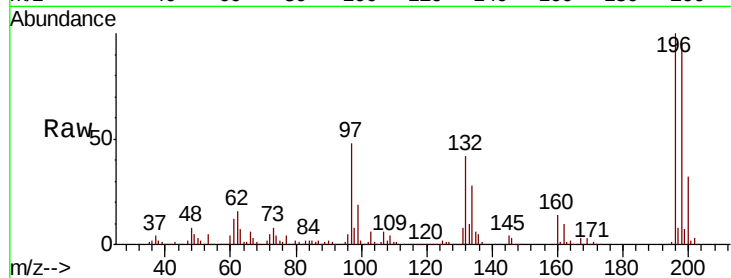




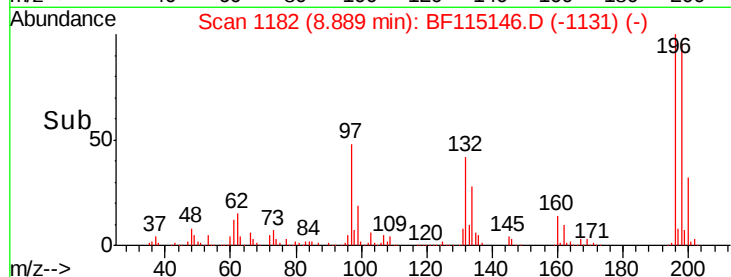
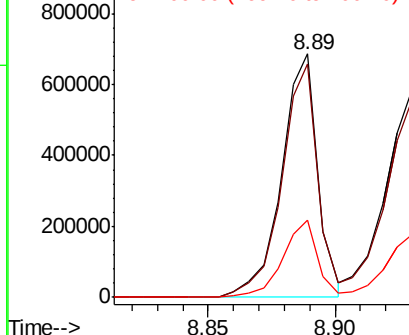
#43
 2,4,6-Trichlorophenol
 Concen: 44.908 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:196 Resp: 683768
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 31.6 24.2 36.4



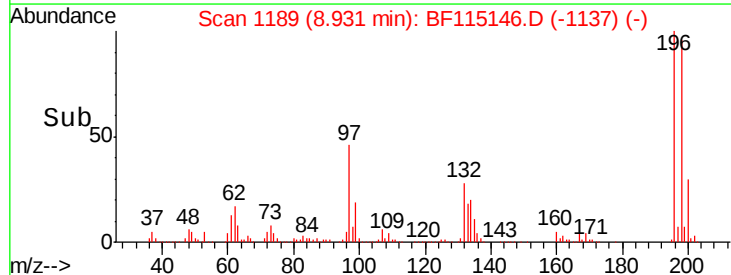
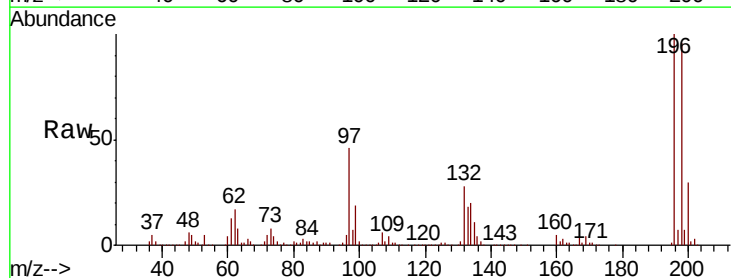
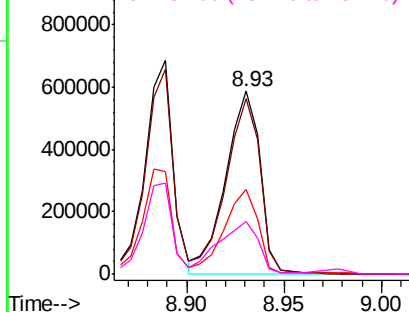
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

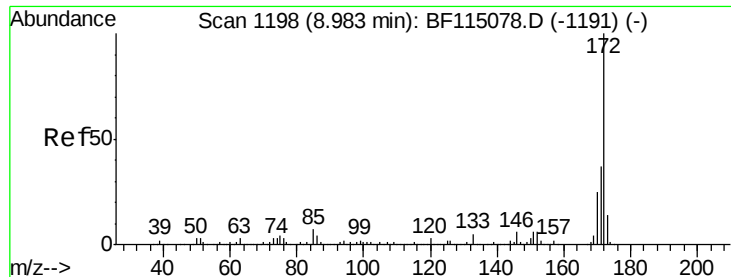


#44
 2,4,5-Trichlorophenol
 Concen: 45.708 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:196 Resp: 716688
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.1 115.7
 97 46.1 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

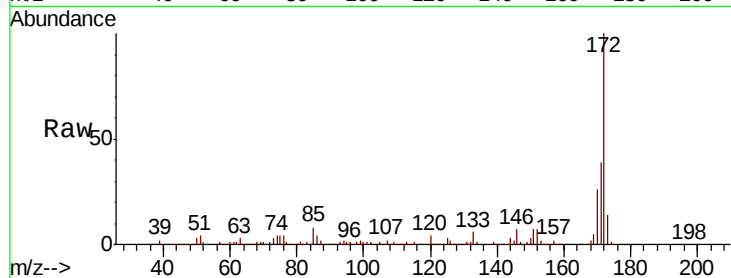




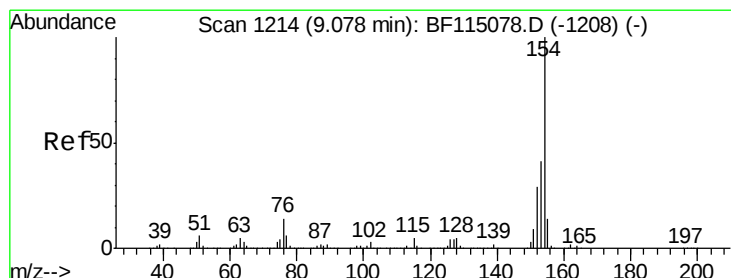
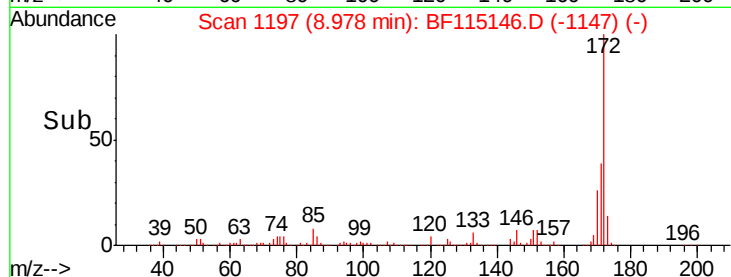
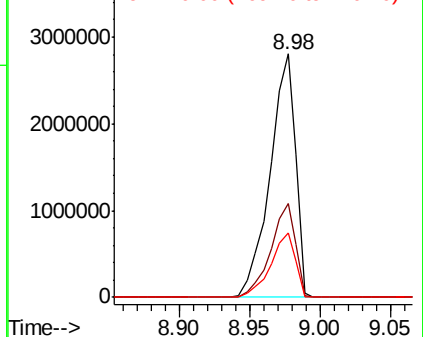
#45
 2-Fluorobiphenyl
 Concen: 86.451 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:172 Resp: 3552003
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.8 44.6
 170 26.3 20.3 30.5

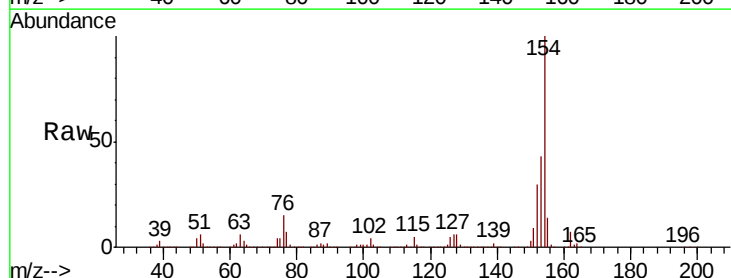


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

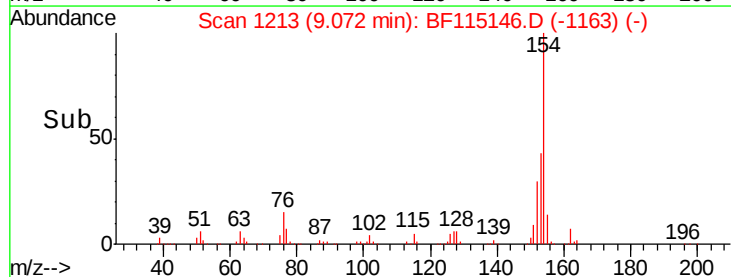
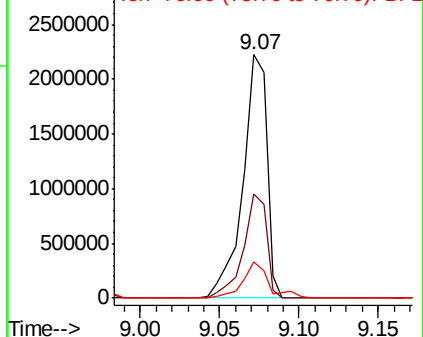


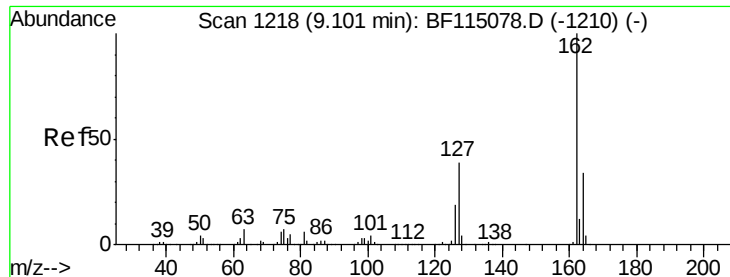
#46
 1,1'-Biphenyl
 Concen: 41.609 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:154 Resp: 2323566
 Ion Ratio Lower Upper
 154 100
 153 42.6 20.9 60.9
 76 14.6 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

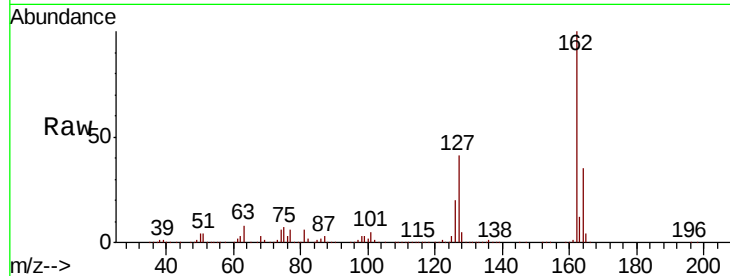




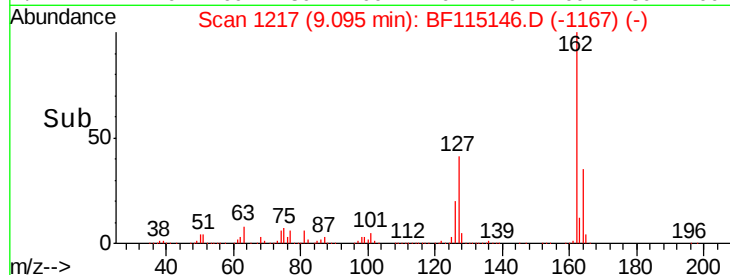
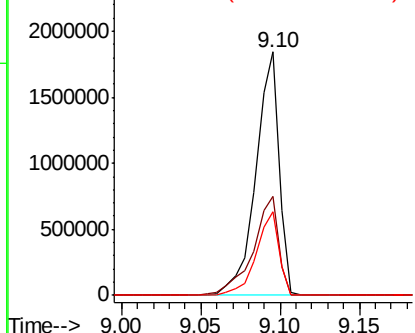
#47
2-Chloronaphthalene
Concen: 41.627 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:162 Resp: 1885581
Ion Ratio Lower Upper
162 100
127 40.6 30.8 46.2
164 34.6 27.0 40.4

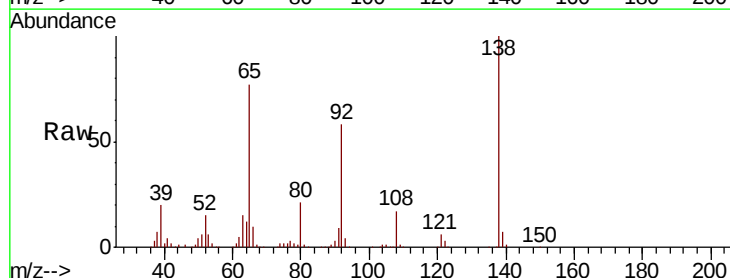


Abundance Ion 162.00 (161.70 to 162.70): E
2500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

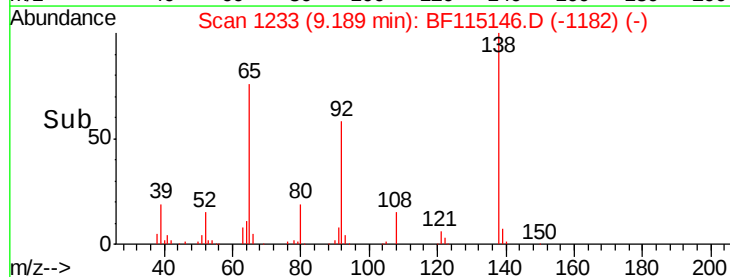
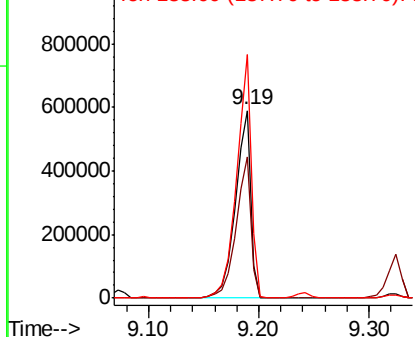


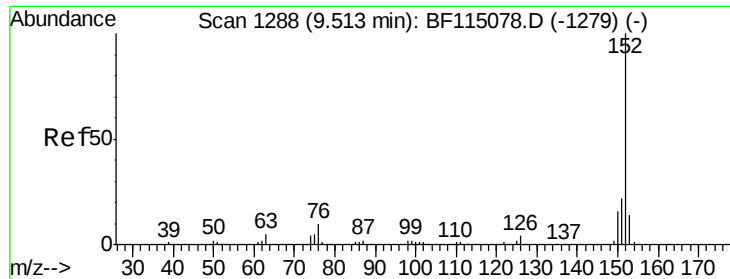
#48
2-Nitroaniline
Concen: 43.316 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion: 65 Resp: 572036
Ion Ratio Lower Upper
65 100
92 75.3 57.4 86.2
138 129.7 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
1000000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.612 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

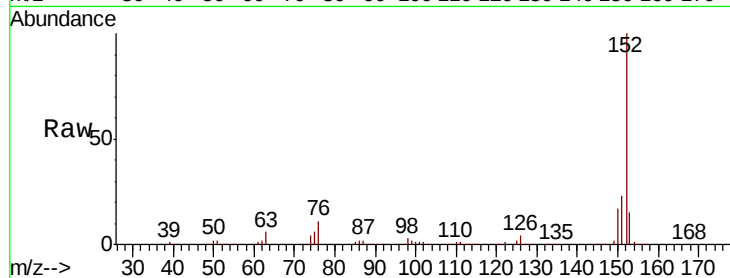
Tot Ion:152 Resp: 2866170

Ion Ratio Lower Upper

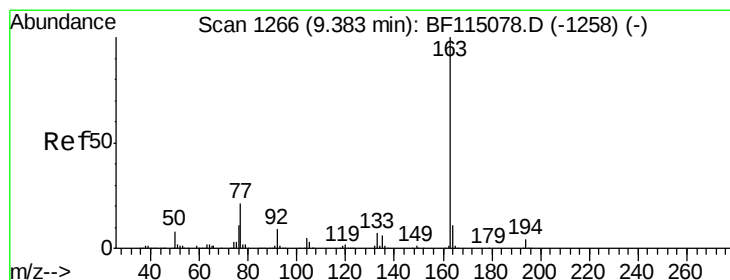
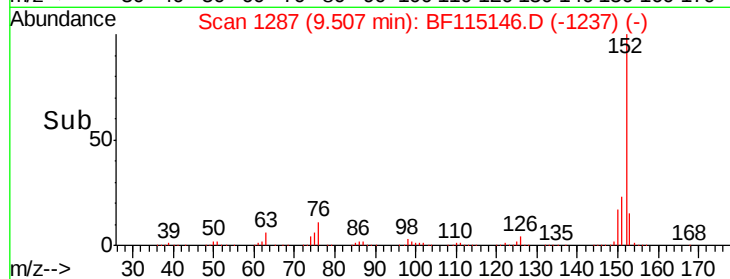
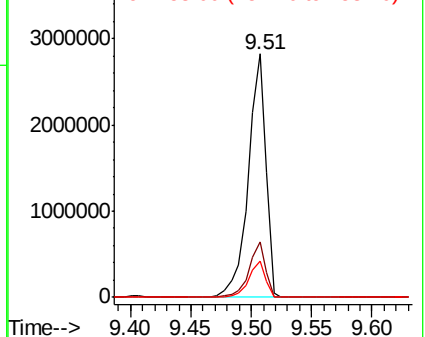
152 100

151 22.6 17.2 25.8

153 15.1 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: 42.262 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

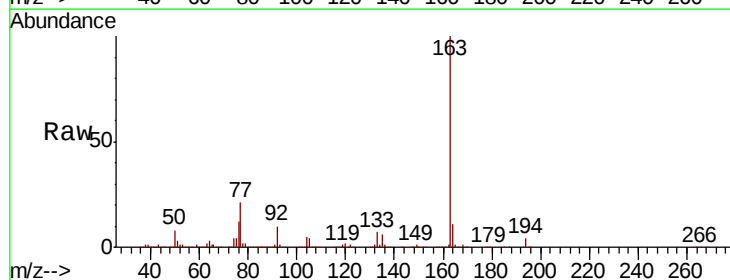
Tgt Ion:163 Resp: 2170051

Ion Ratio Lower Upper

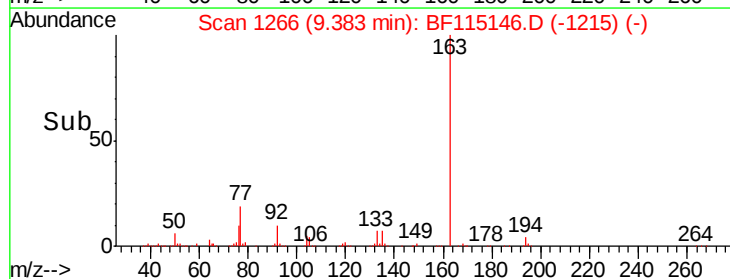
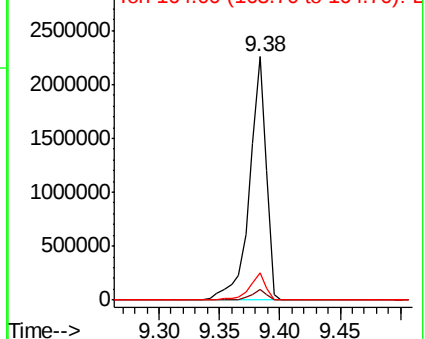
163 100

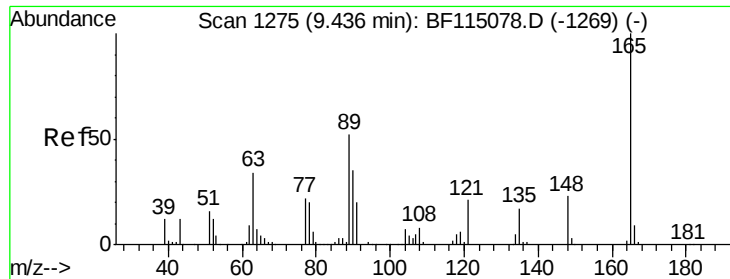
194 4.3 3.2 4.8

164 11.0 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: 45.009 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

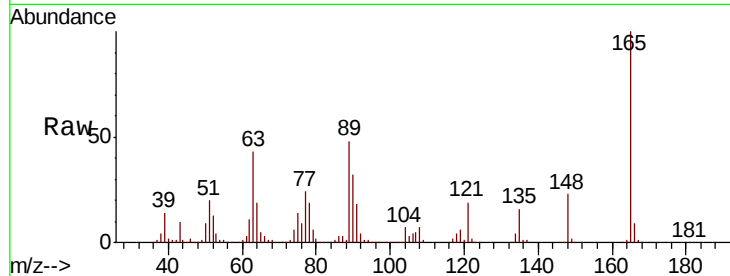
Tot Ion:165 Resp: 533559

Ion Ratio Lower Upper

165 100

63 43.3 39.4 59.2

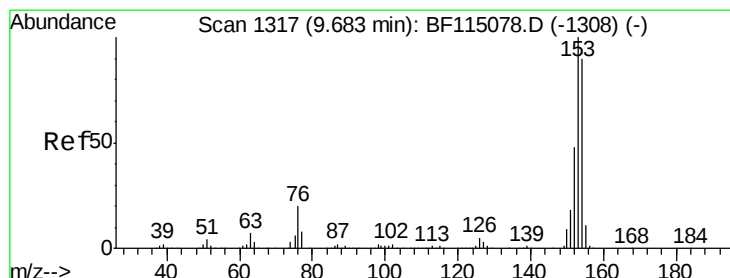
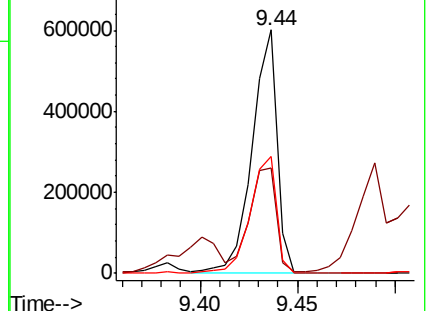
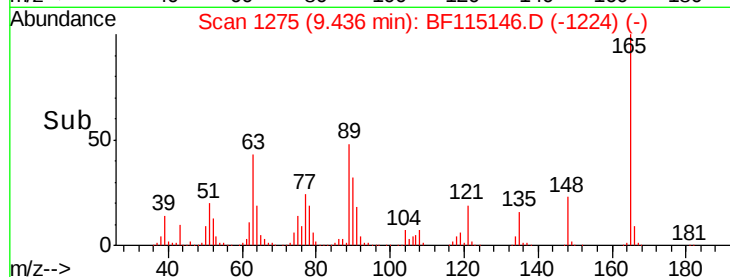
89 47.8 42.0 63.0



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: 40.004 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

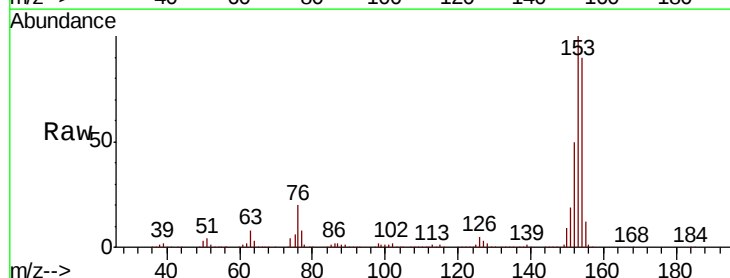
Tgt Ion:154 Resp: 1766656

Ion Ratio Lower Upper

154 100

153 110.8 88.7 133.1

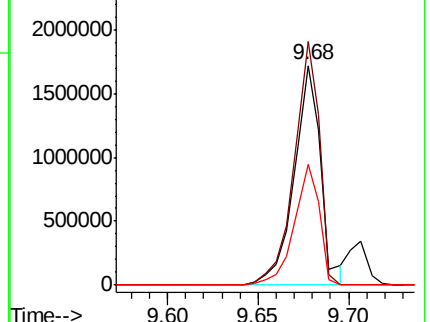
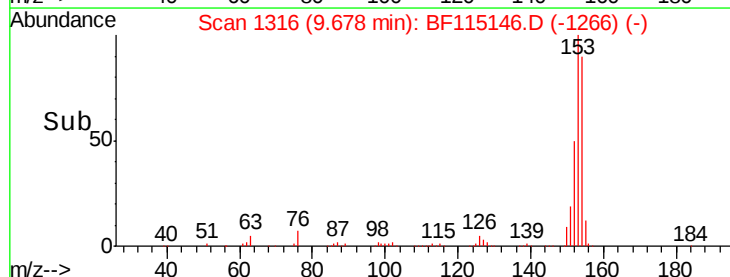
152 55.0 42.6 64.0

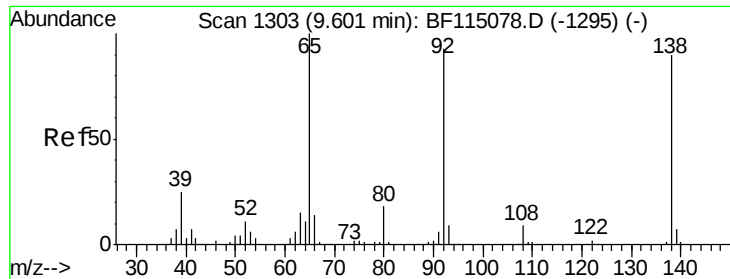


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

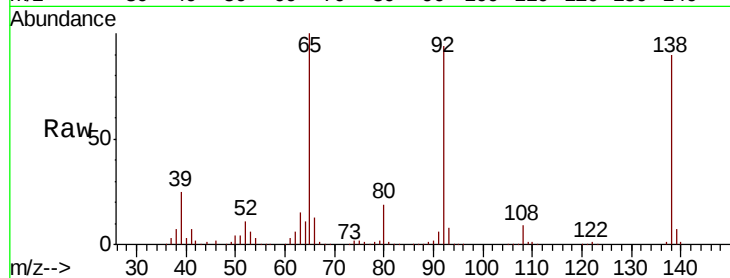




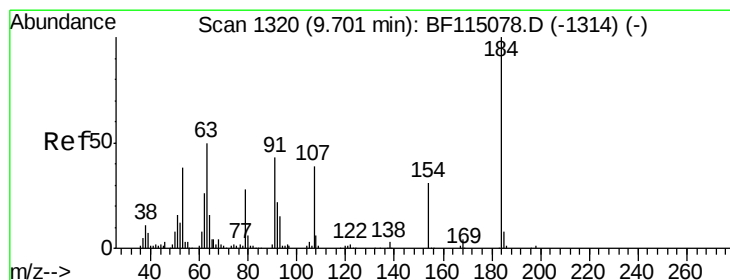
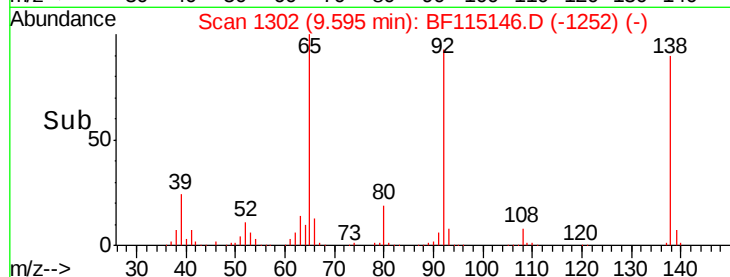
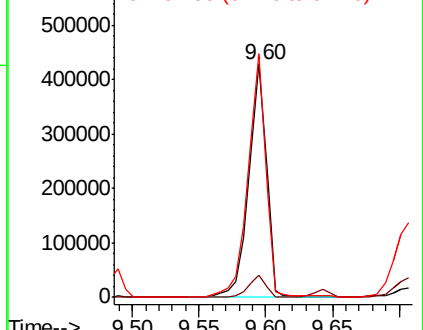
#53
 3-Nitroaniline
 Concen: 26.969 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:138 Resp: 390139
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 104.4 82.9 124.3

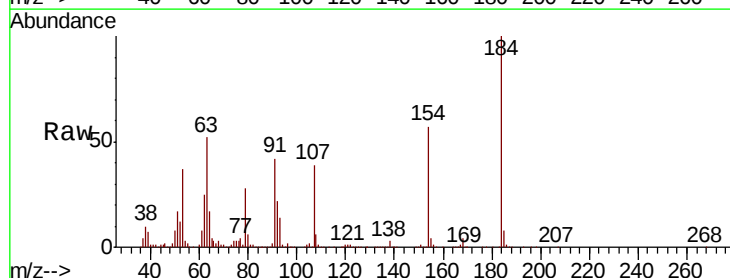


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

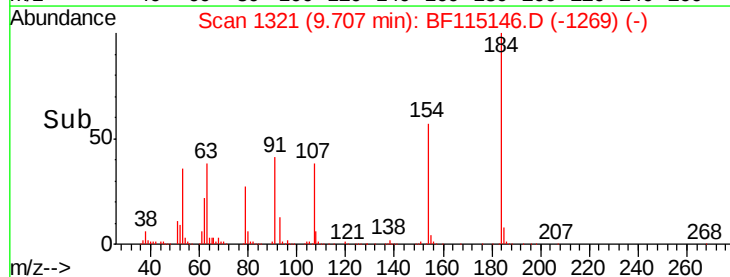
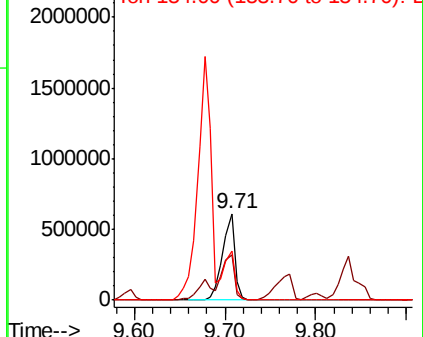


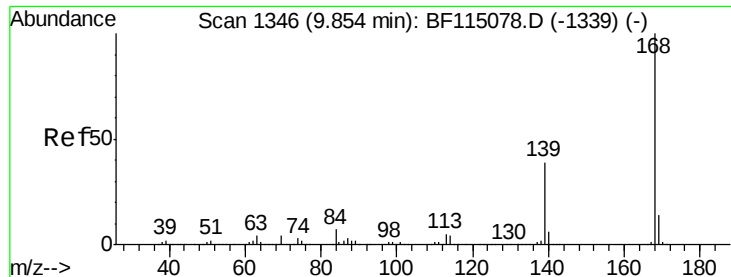
#54
 2,4-Dinitrophenol
 Concen: 91.486 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:184 Resp: 565141
 Ion Ratio Lower Upper
 184 100
 63 52.2 41.9 62.9
 154 57.2 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

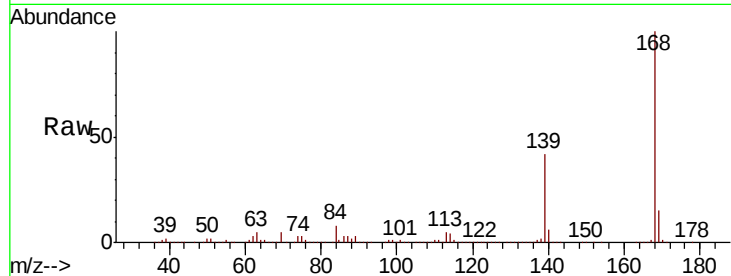




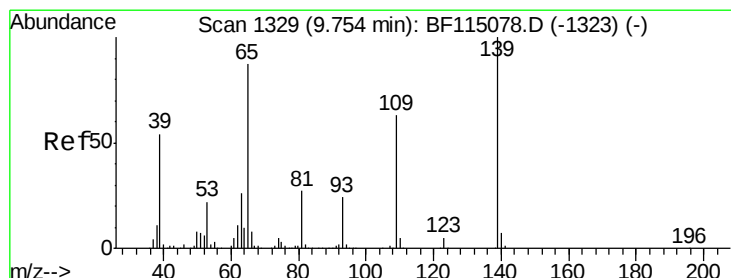
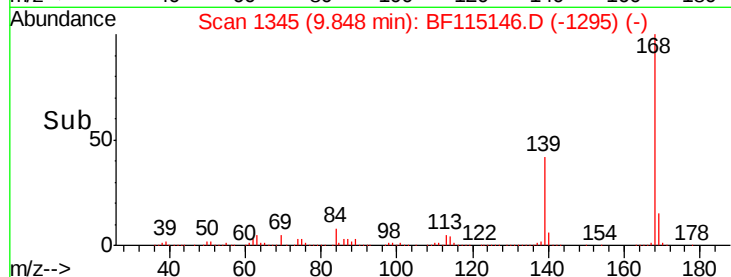
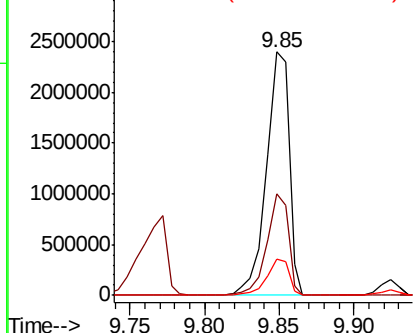
#55
Dibenzofuran
Concen: 39.754 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:168 Resp: 2519792
Ion Ratio Lower Upper
168 100
139 41.6 31.1 46.7
169 15.0 11.3 16.9

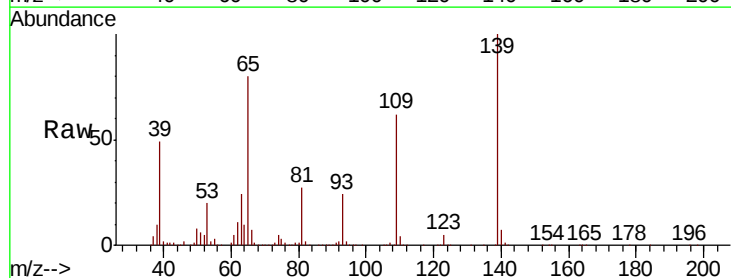


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

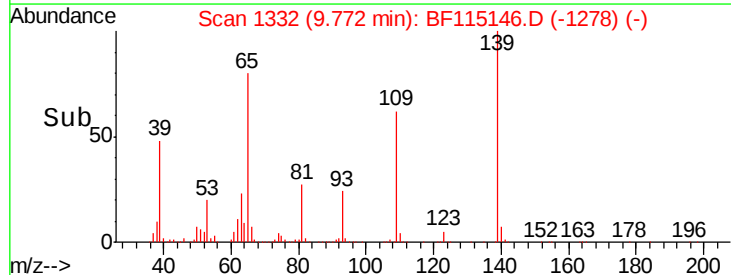
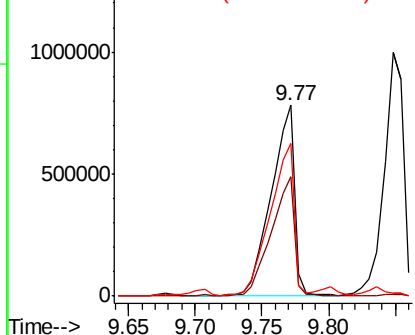


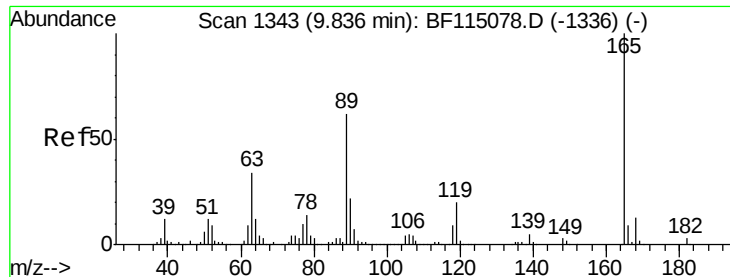
#56
4-Nitrophenol
Concen: 82.431 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:139 Resp: 956007
Ion Ratio Lower Upper
139 100
109 62.3 43.0 83.0
65 79.8 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

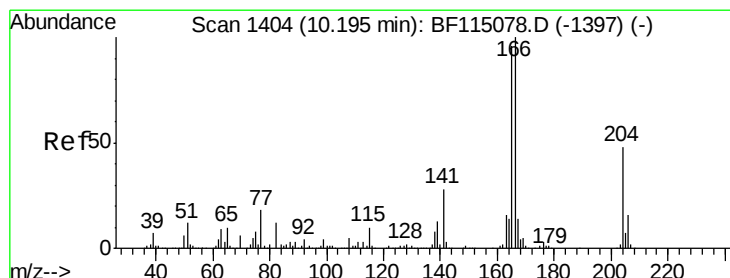
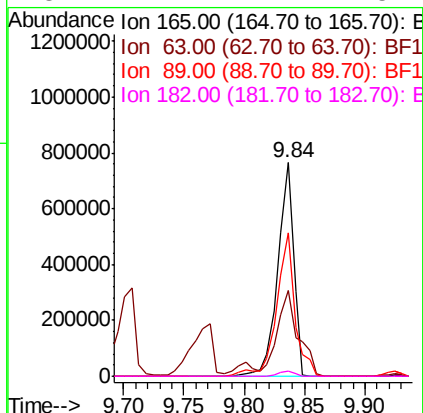
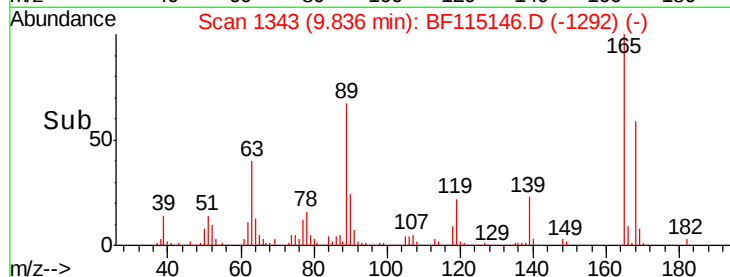
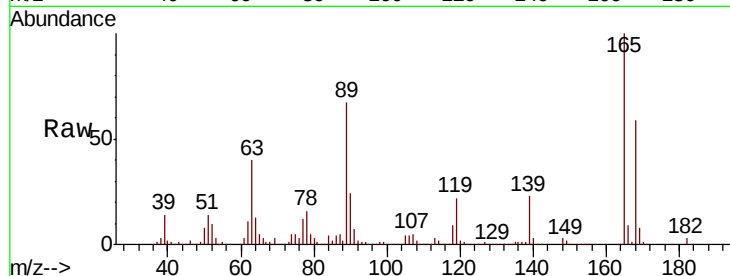




#57
 2,4-Dinitrotoluene
 Concen: 45.092 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

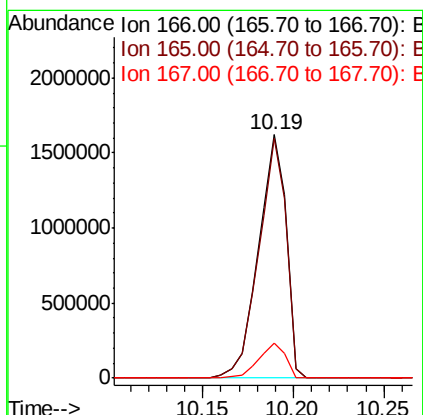
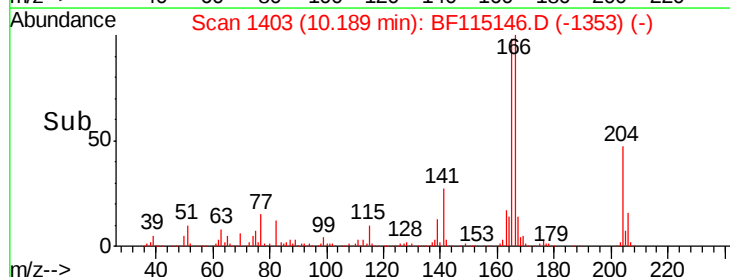
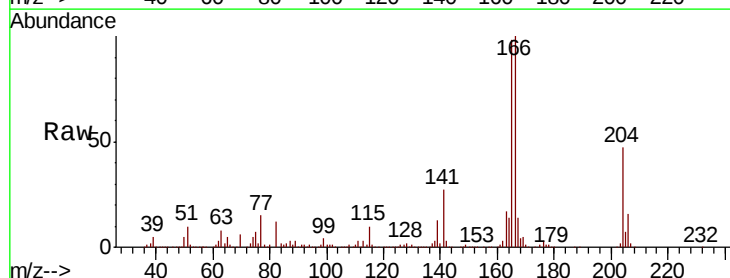
Instrument :
 BNA_F
 ClientSampleID :
 PB120851BS

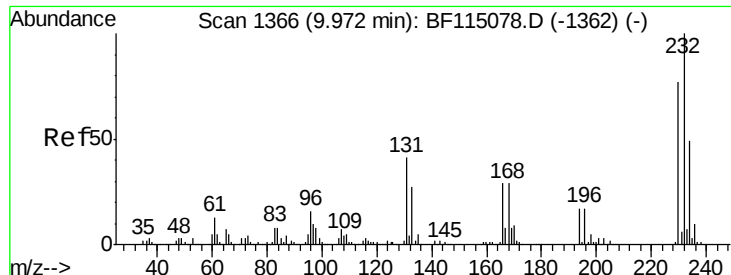
Tot Ion:165	Resp:	690195
Ion Ratio	Lower	Upper
165	100	
63	40.1	27.5 41.3
89	67.3	49.9 74.9
182	2.7	2.1 3.1



#58
 Fluorene
 Concen: 40.050 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:166	Resp:	1720727
Ion Ratio	Lower	Upper
166	100	
165	98.4	76.5 114.7
167	14.1	11.0 16.4

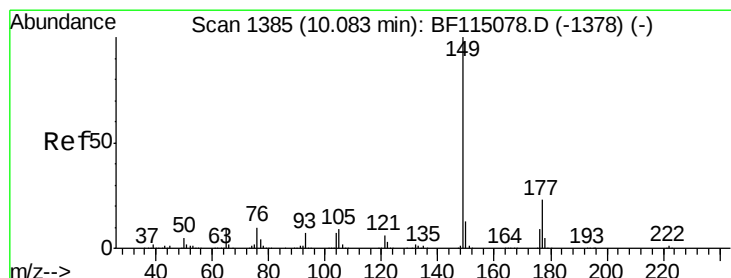
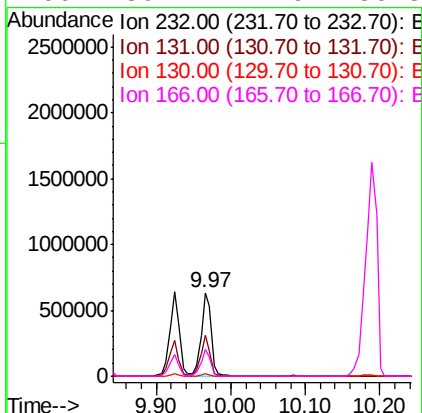
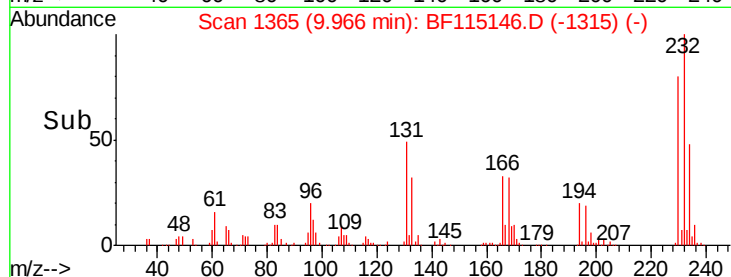
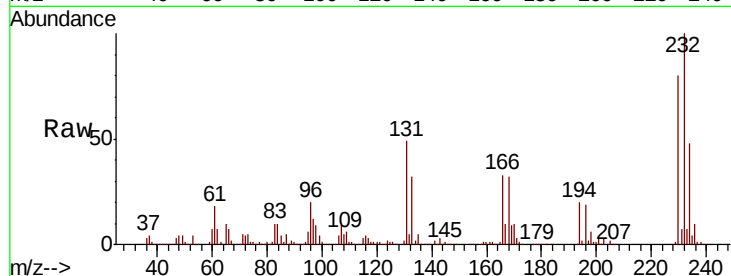




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.127 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

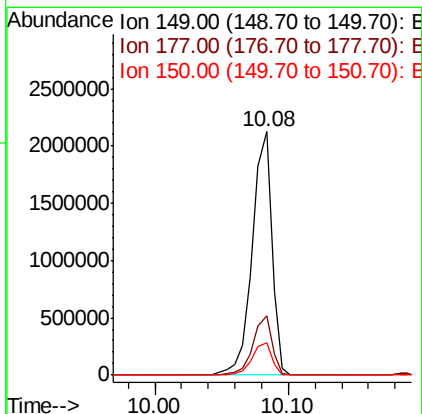
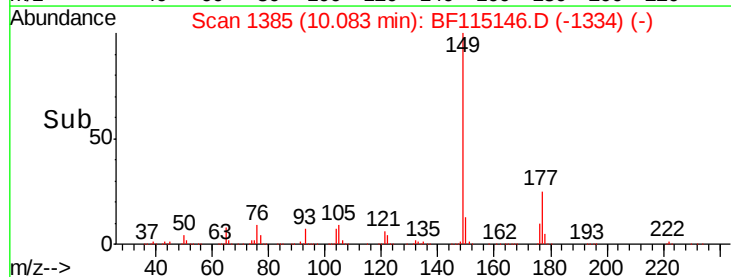
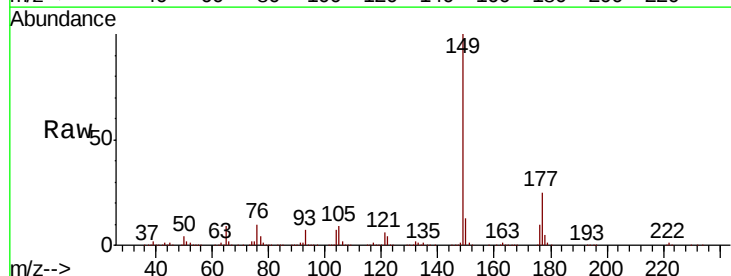
Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

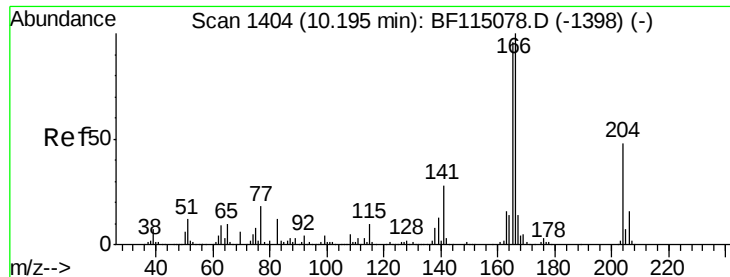
Tot Ion:232 Resp: 606469
 Ion Ratio Lower Upper
 232 100
 131 45.3 37.4 56.0
 130 2.2 1.8 2.6
 166 30.1 24.6 36.8



#60
 Diethylphthalate
 Concen: 41.195 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:149 Resp: 2126267
 Ion Ratio Lower Upper
 149 100
 177 24.5 18.7 28.1
 150 13.5 10.4 15.6

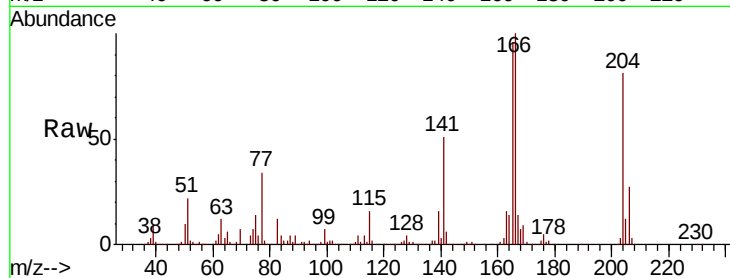




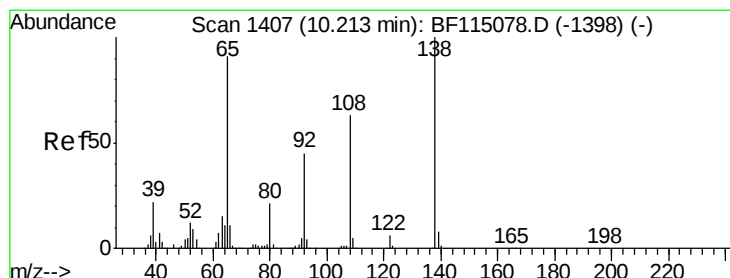
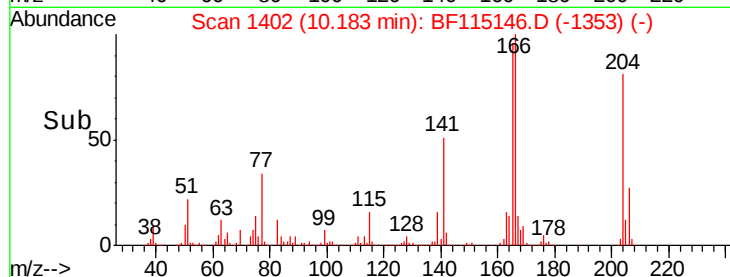
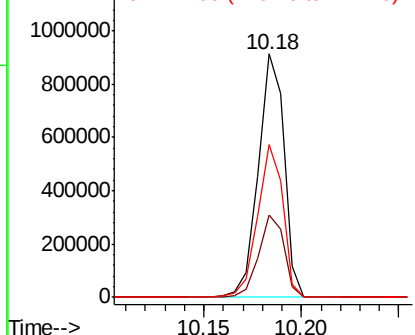
#61
4-Chlorophenyl-phenylether
Concen: 41.226 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:204 Resp: 838222
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 62.7 46.7 70.1

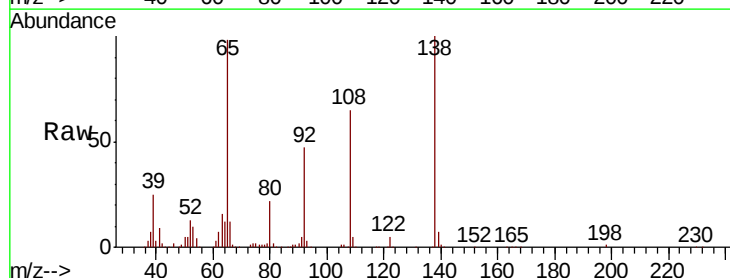


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

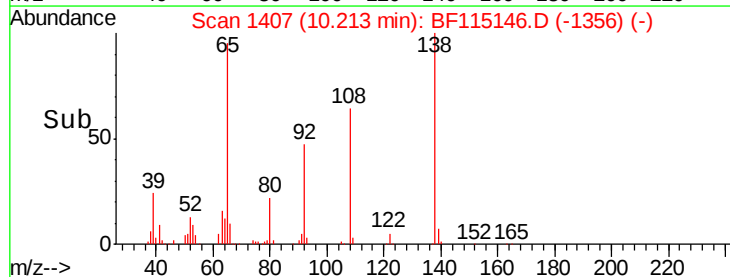
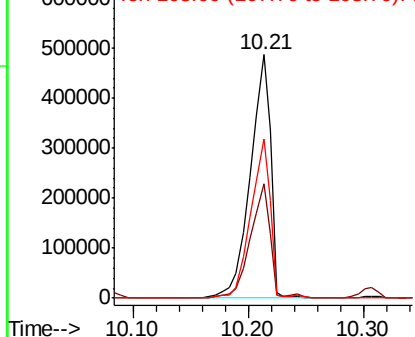


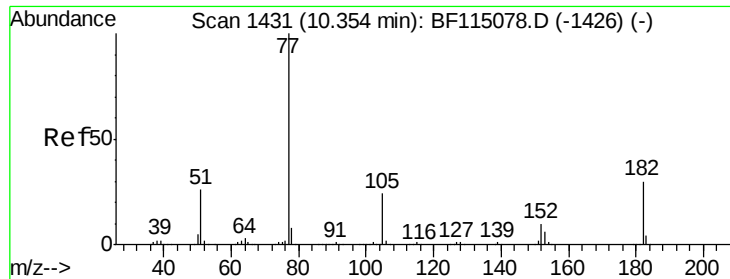
#62
4-Nitroaniline
Concen: 41.034 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:138 Resp: 595506
Ion Ratio Lower Upper
138 100
92 46.7 24.8 64.8
108 65.2 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

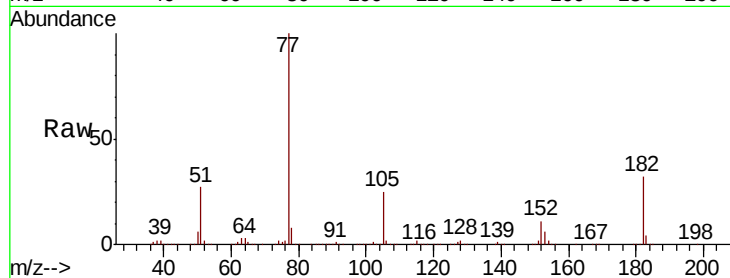




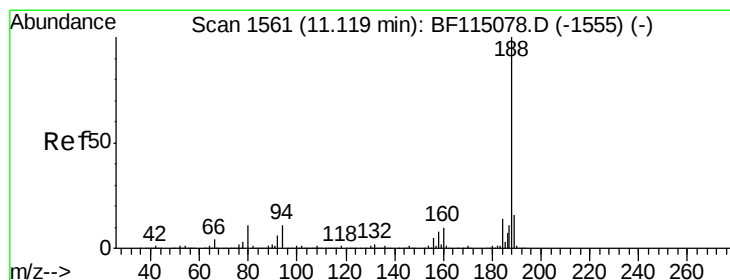
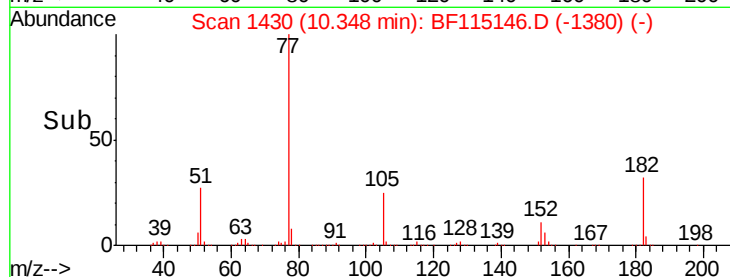
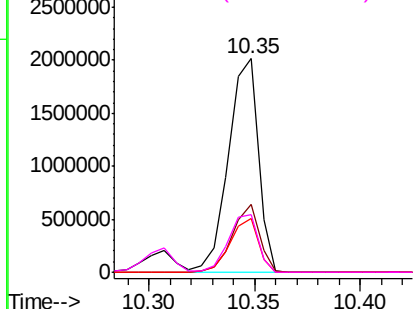
#63
Azobenzene
Concen: 40.654 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion: 77 Resp: 1959918
Ion Ratio Lower Upper
77 100
182 31.8 10.1 50.1
105 25.3 4.5 44.5
51 27.0 6.4 46.4

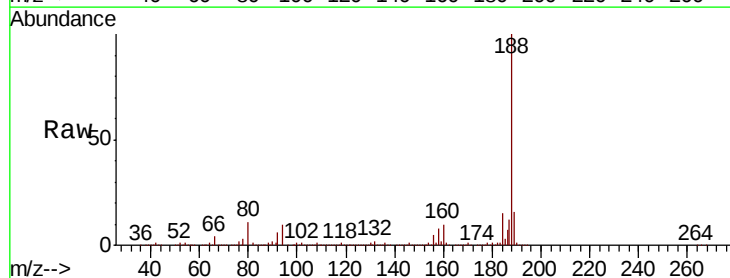


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

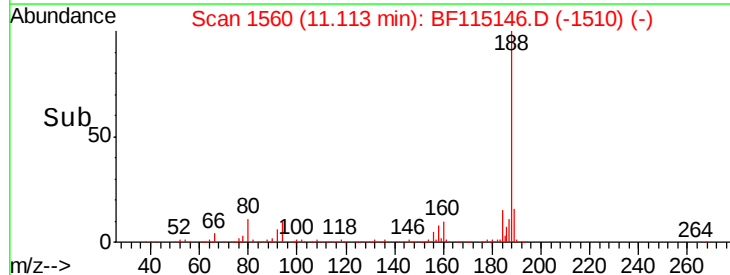
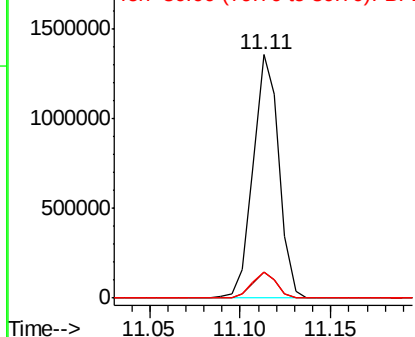


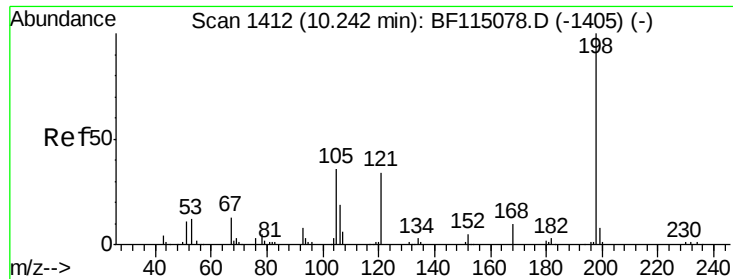
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion: 188 Resp: 1335800
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 10.9 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

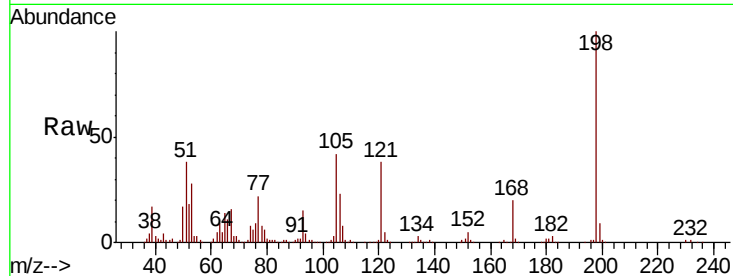




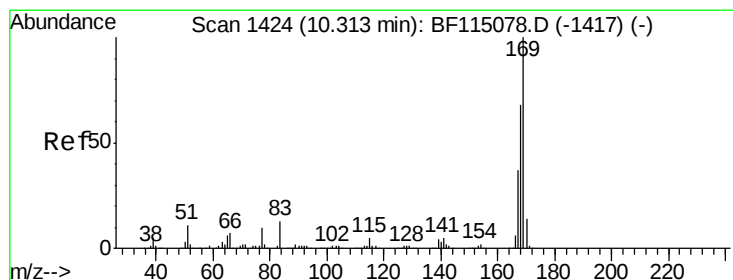
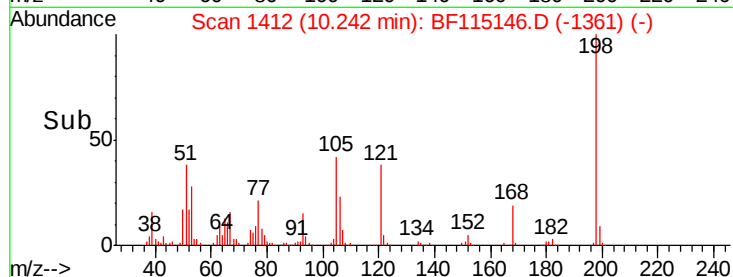
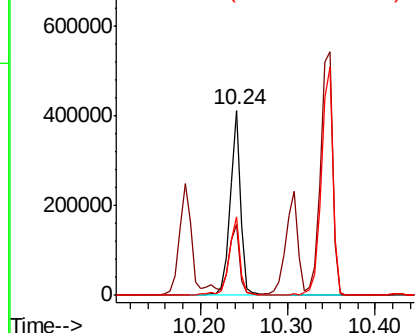
#65
4,6-Dinitro-2-methylphenol
Concen: 48.072 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:198 Resp: 341732
Ion Ratio Lower Upper
198 100
51 38.5 11.0 51.0
105 42.5 17.3 57.3

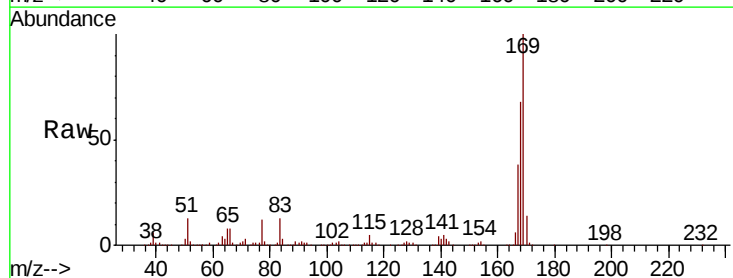


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

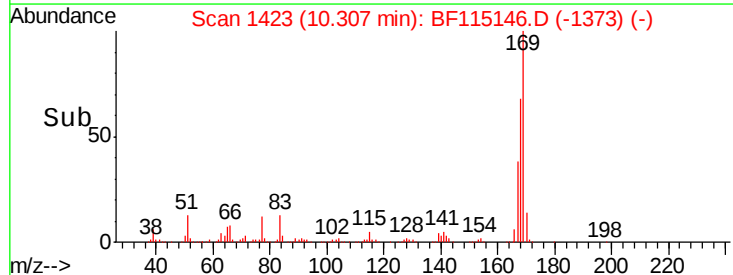
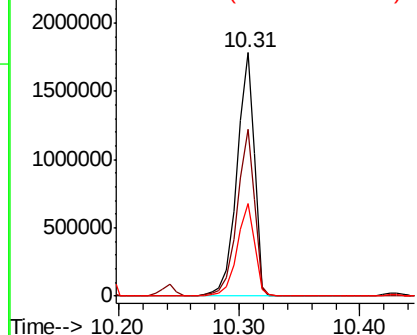


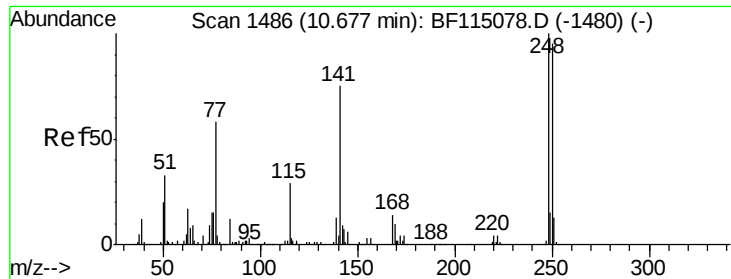
#66
n-Nitrosodiphenylamine
Concen: 43.237 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:169 Resp: 1799366
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.4
167 38.1 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

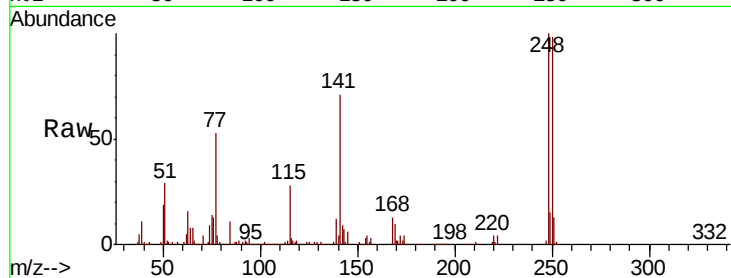




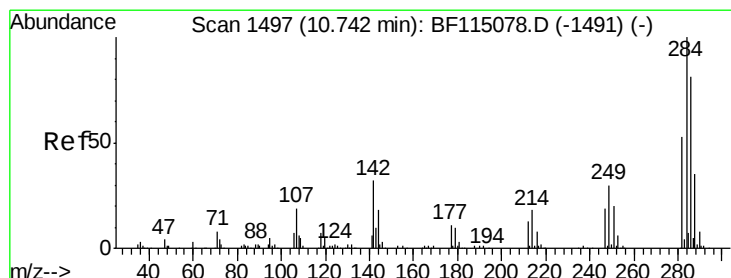
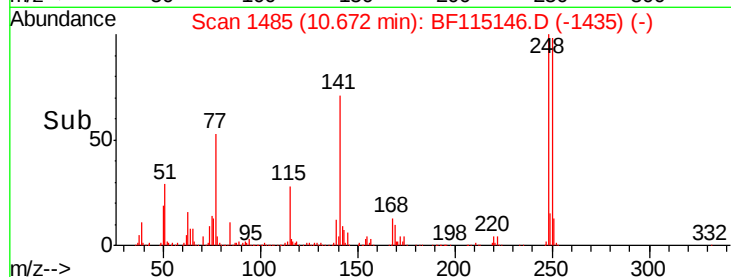
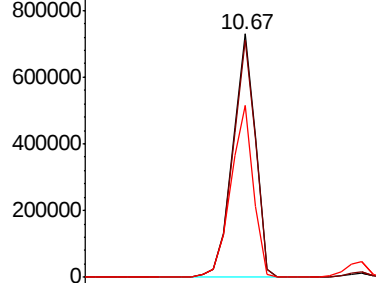
#67
4-Bromophenyl-phenylether
Concen: 43.829 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:248 Resp: 634768
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 70.7 59.6 89.4

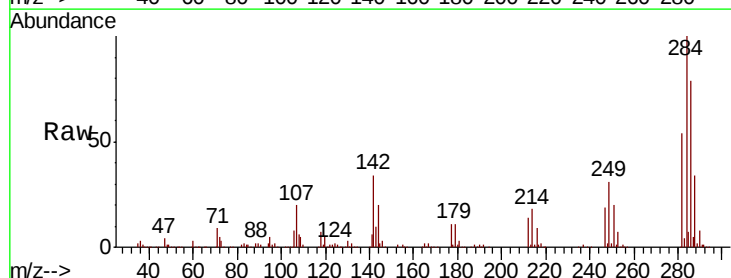


Abundance Ion 248.00 (247.70 to 248.70): E
1000000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

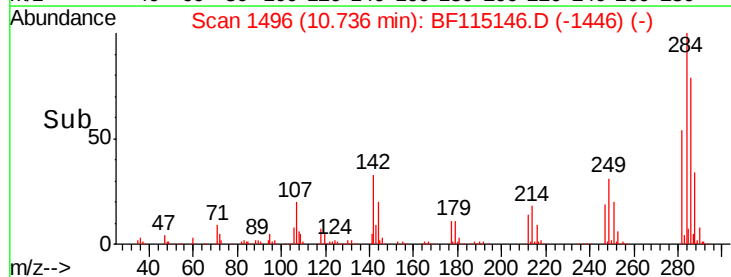
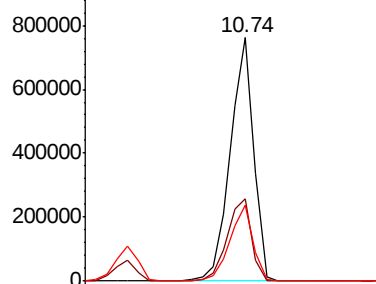


#68
Hexachlorobenzene
Concen: 43.431 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:284 Resp: 682747
Ion Ratio Lower Upper
284 100
142 33.6 25.8 38.8
249 31.3 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

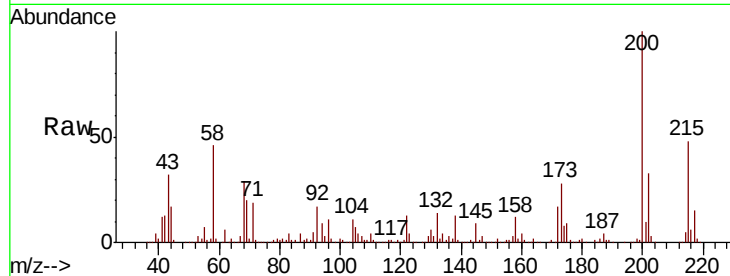




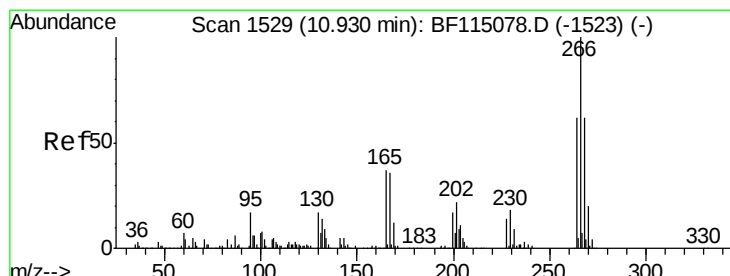
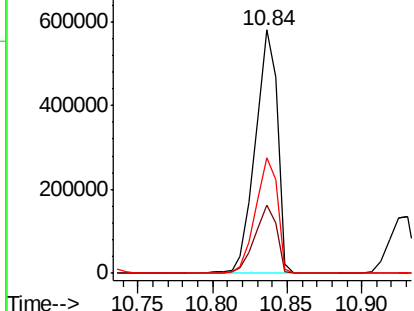
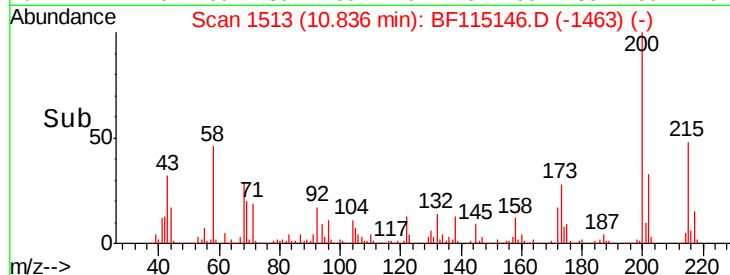
#69
 Atrazine
 Concen: 43.951 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	47.6	27.8	67.8

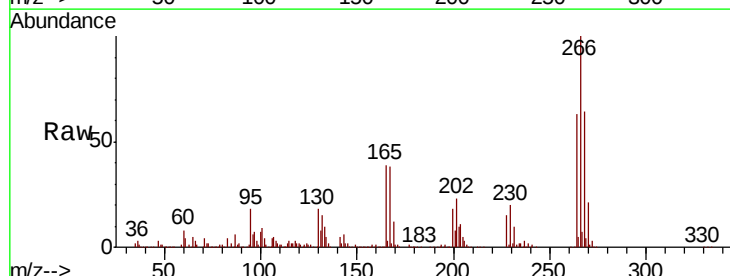


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

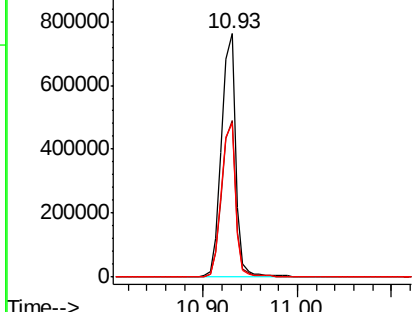
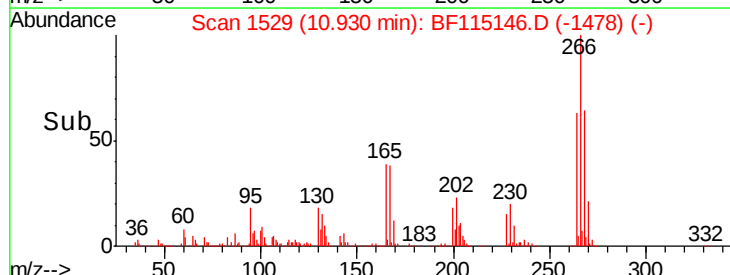


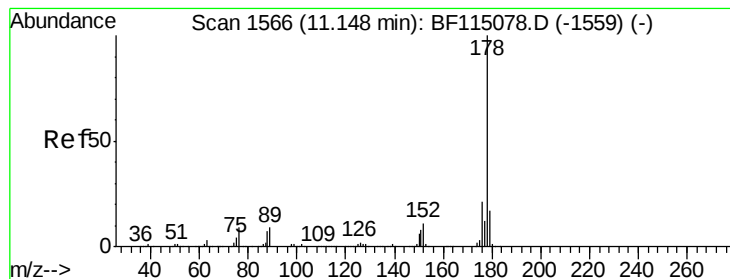
#70
 Pentachlorophenol
 Concen: 81.489 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.5	74.3
264	63.3	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: 38.959 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

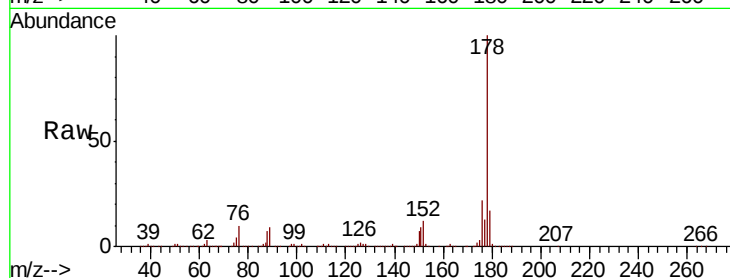
Tot Ion:178 Resp: 2802022

Ion Ratio Lower Upper

178 100

176 22.1 16.9 25.3

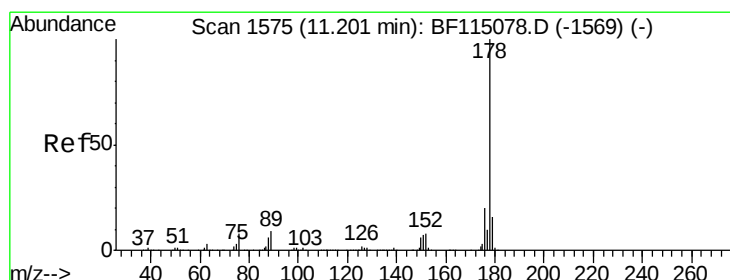
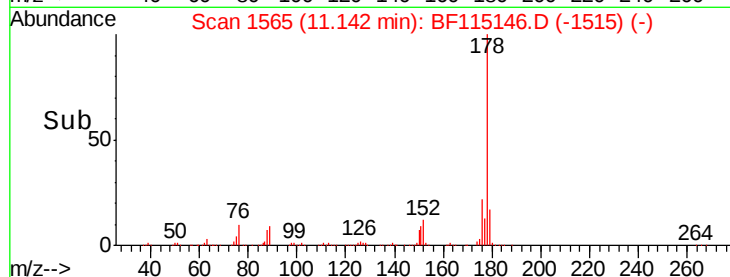
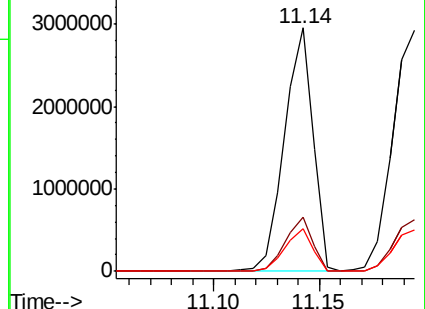
179 17.4 13.2 19.8



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: 40.417 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

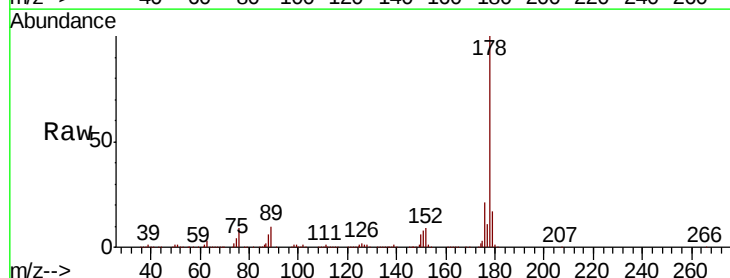
Tgt Ion:178 Resp: 2934274

Ion Ratio Lower Upper

178 100

176 21.3 16.1 24.1

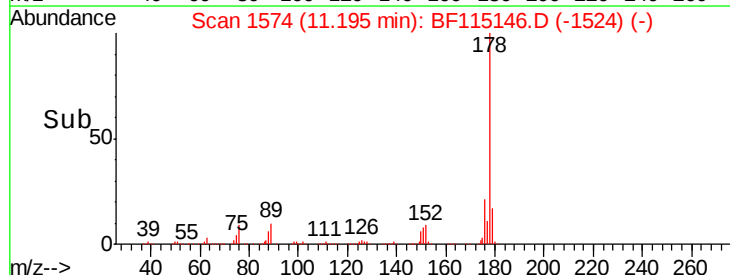
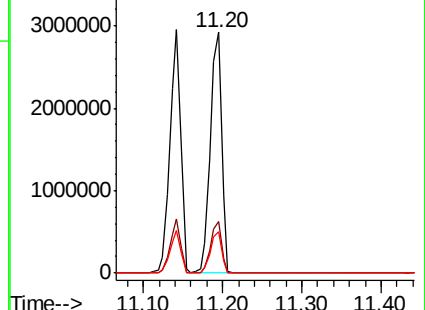
179 17.4 12.9 19.3



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



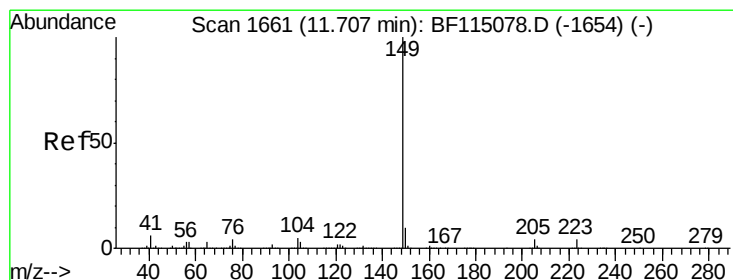
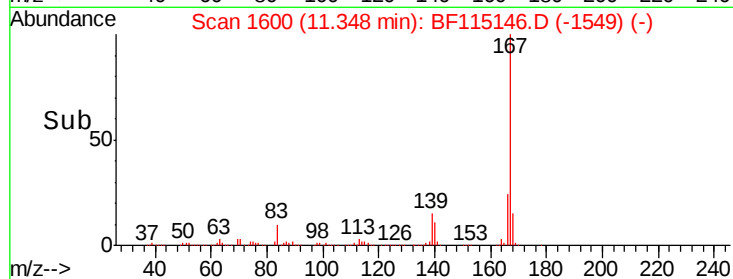
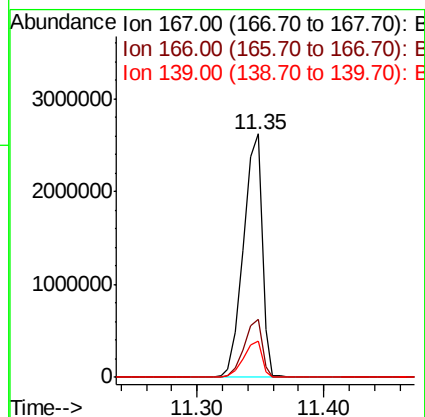
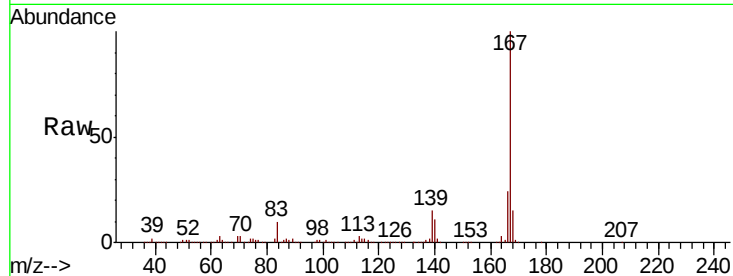


#73
 Carbazole
 Concen: 41.000 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:167 Resp: 2658003

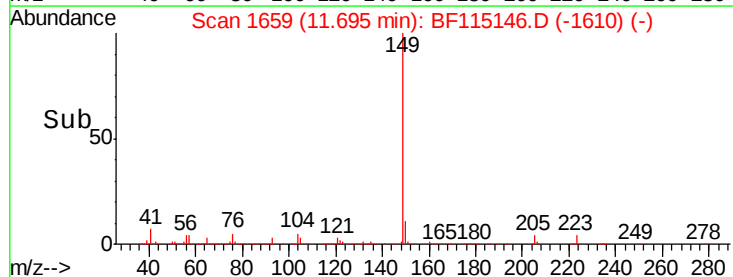
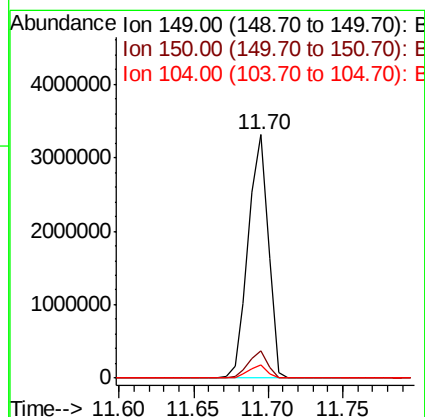
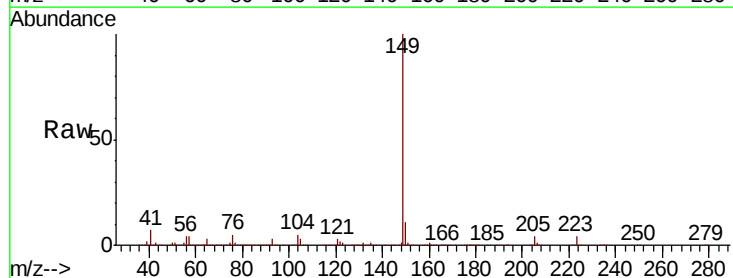
Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.0	27.0
139	14.7	11.1	16.7

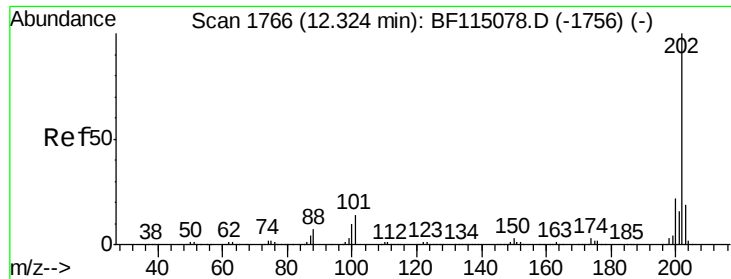


#74
 Di-n-butylphthalate
 Concen: 41.277 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:149 Resp: 3092174

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.8	11.8
104	5.5	3.7	5.5

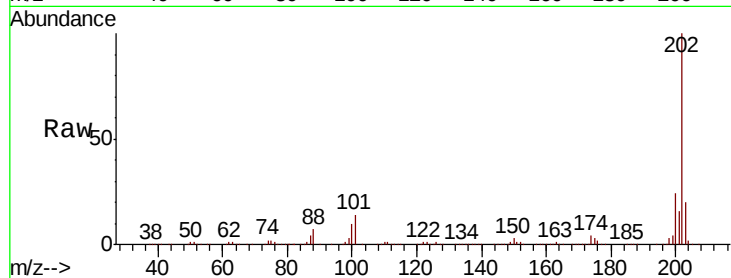




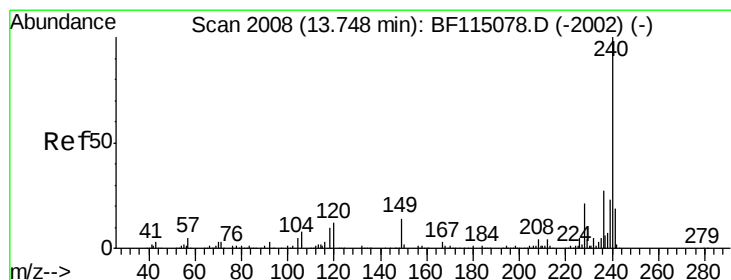
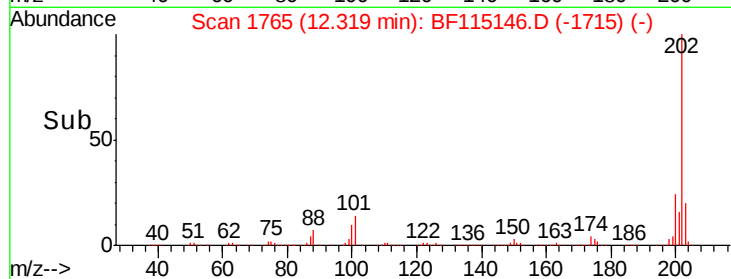
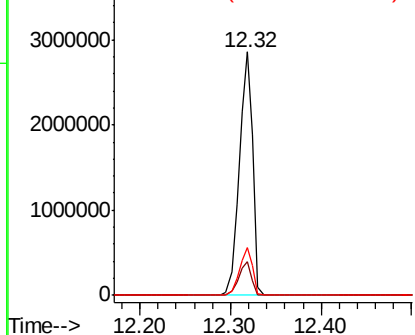
#75
 Fluoranthene
 Concen: 41.395 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:202 Resp: 2970479
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 34.0
 203 19.8 0.0 38.8

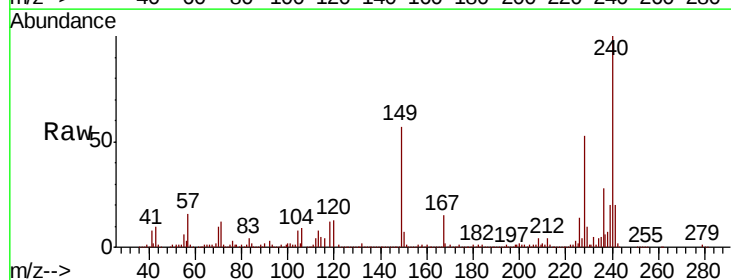


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

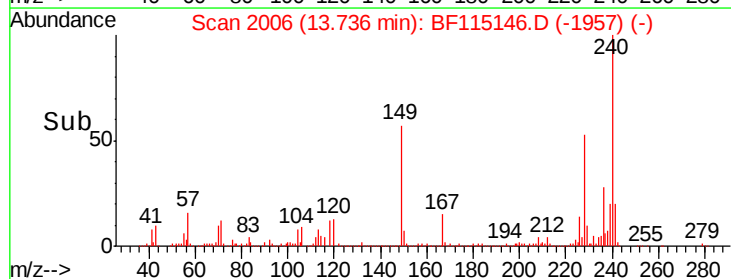
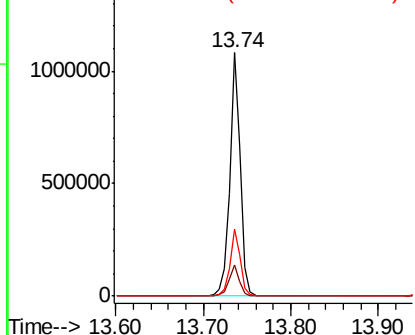


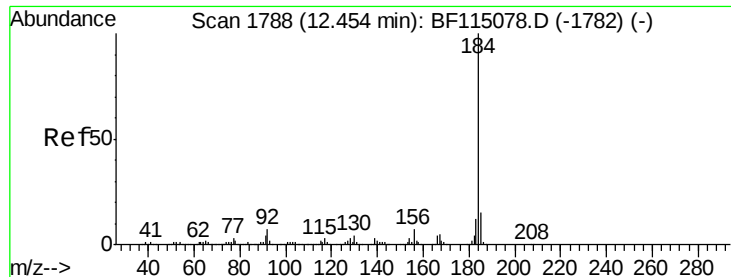
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:240 Resp: 888865
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.4 14.2
 236 27.7 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: 24.848 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

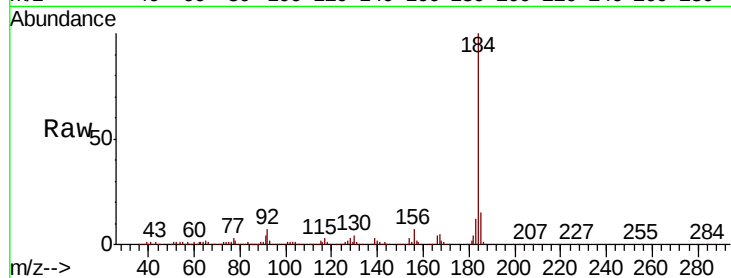
Tot Ion:184 Resp: 980736

Ion Ratio Lower Upper

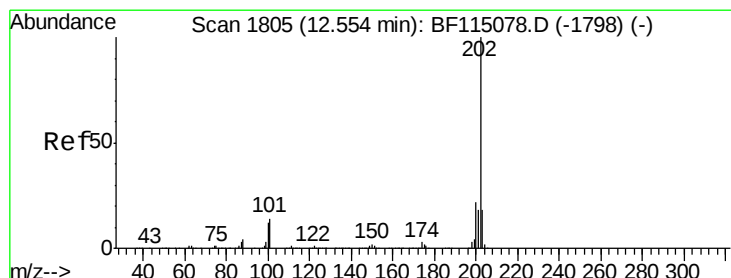
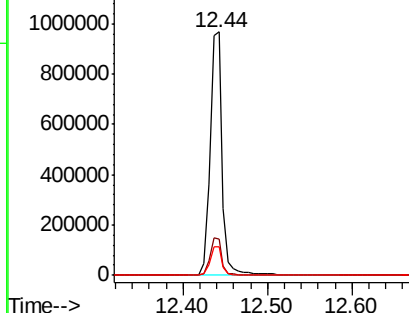
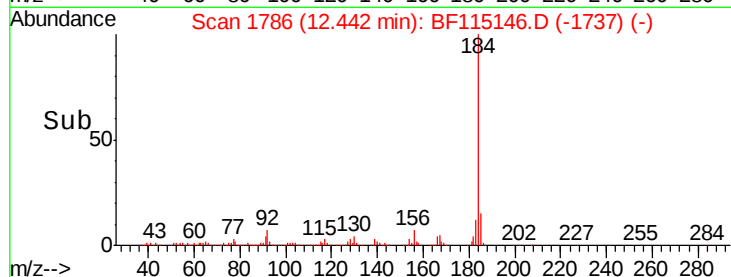
184 100

185 14.9 12.2 18.2

183 11.7 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: 43.922 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

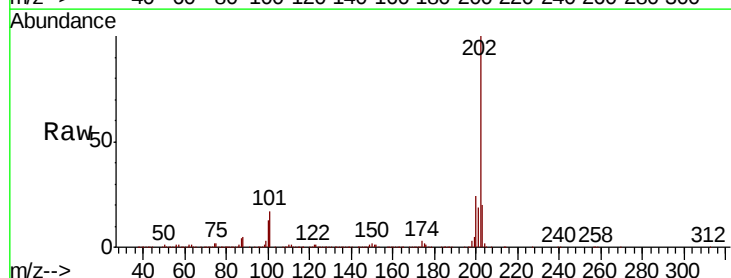
Tgt Ion:202 Resp: 3000307

Ion Ratio Lower Upper

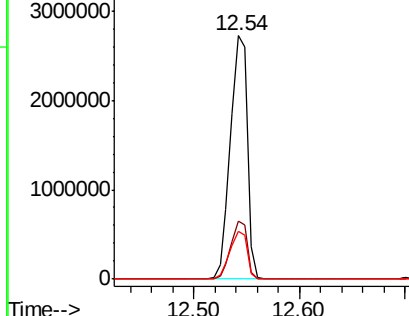
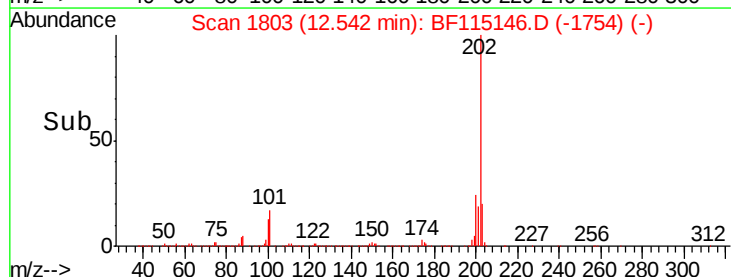
202 100

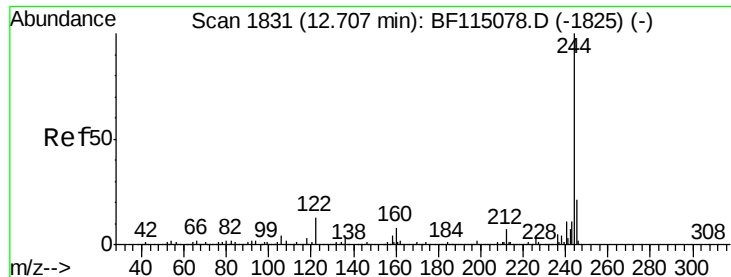
200 23.7 17.9 26.9

203 19.7 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: 88.704 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

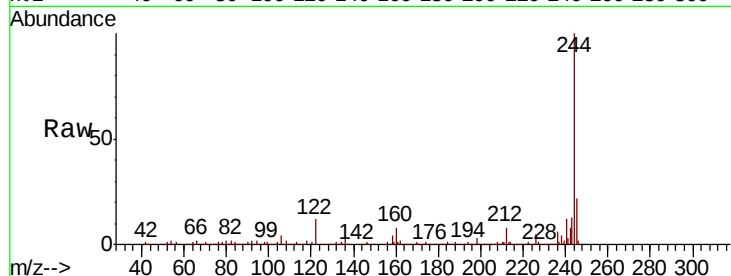
Tot Ion:244 Resp: 3708366

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

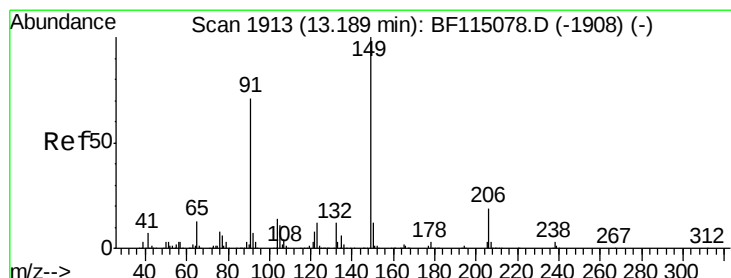
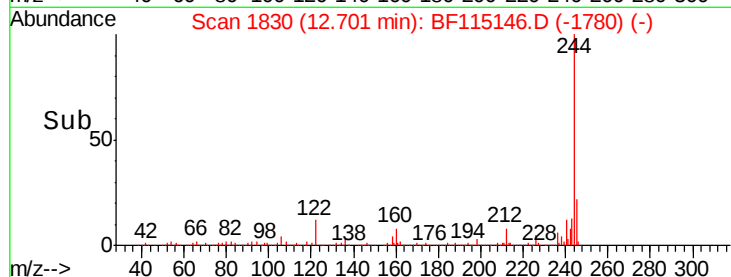
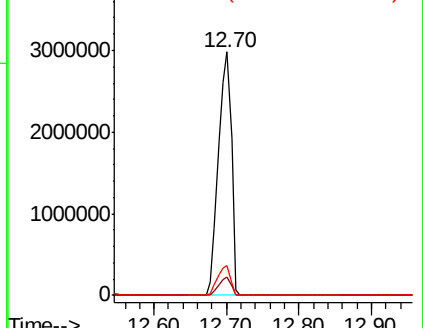
122 12.1 10.4 15.6



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: 48.546 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

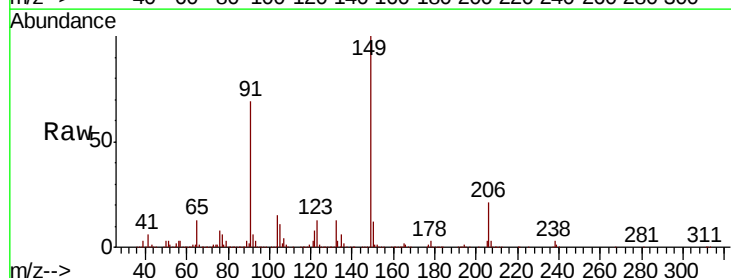
Tgt Ion:149 Resp: 1463452

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

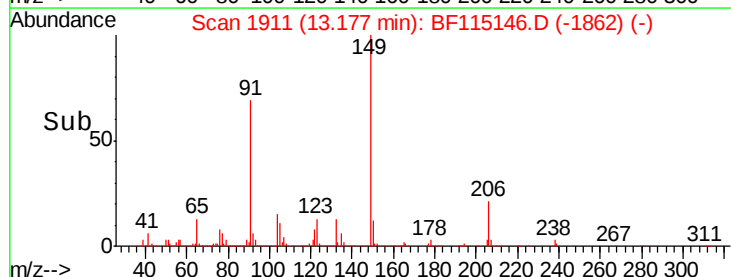
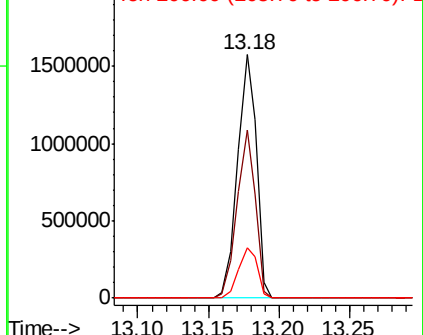
206 20.5 15.3 22.9

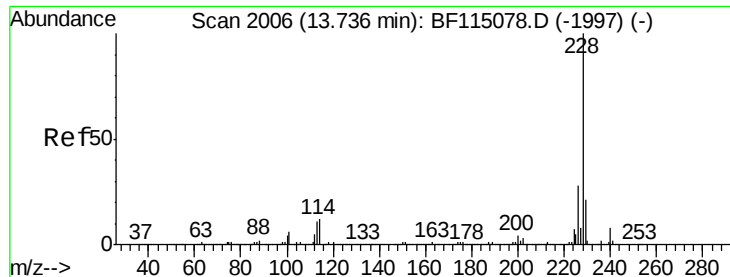


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.733 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

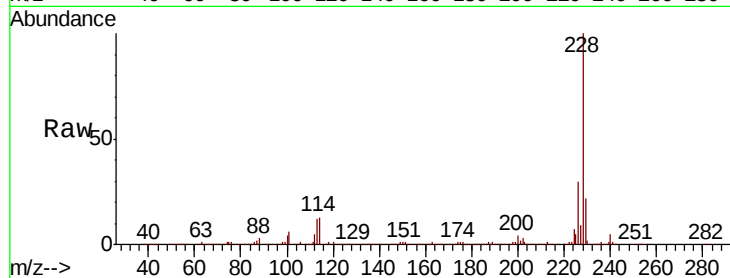
Tot Ion:228 Resp: 2789240

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

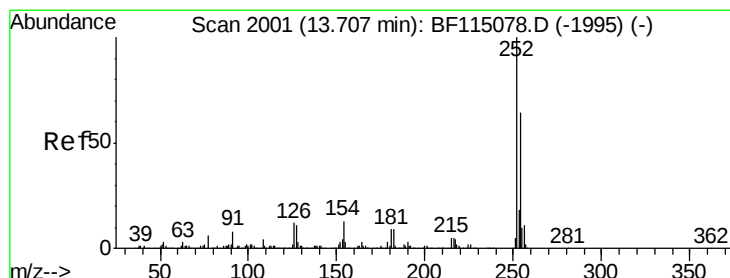
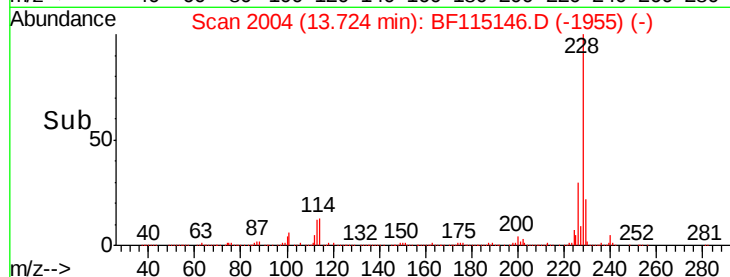
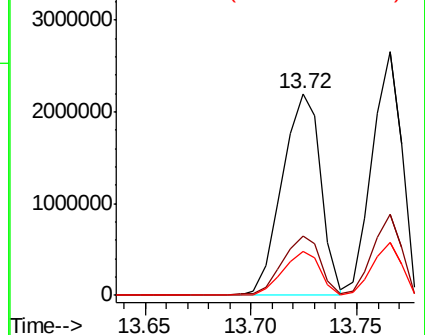
229 21.6 16.6 24.8



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: 38.699 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

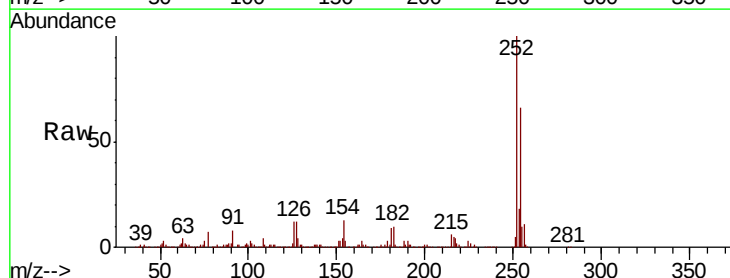
Tgt Ion:252 Resp: 891301

Ion Ratio Lower Upper

252 100

254 65.6 51.1 76.7

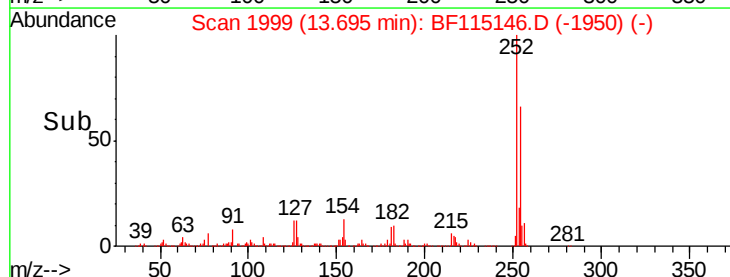
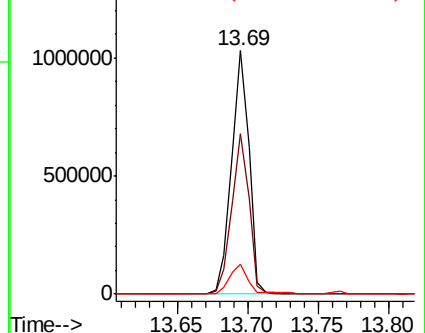
126 12.3 9.4 14.0



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: 44.729 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

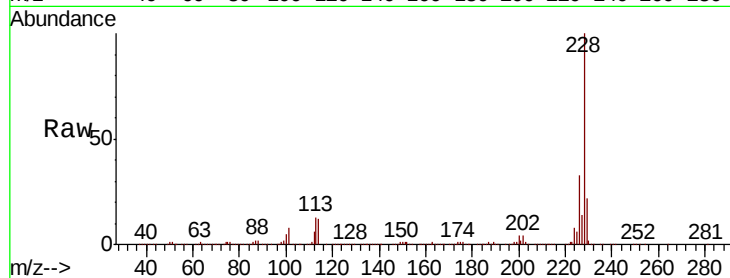
Tot Ion:228 Resp: 2613204

Ion Ratio Lower Upper

228 100

226 33.3 25.4 38.0

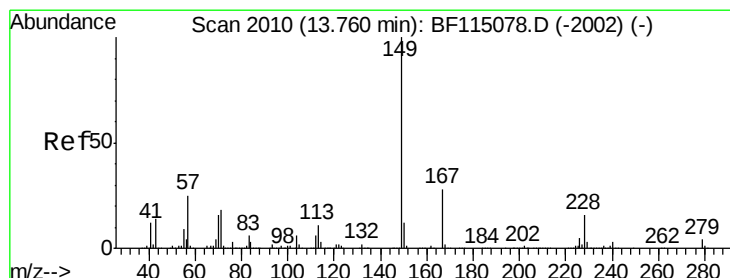
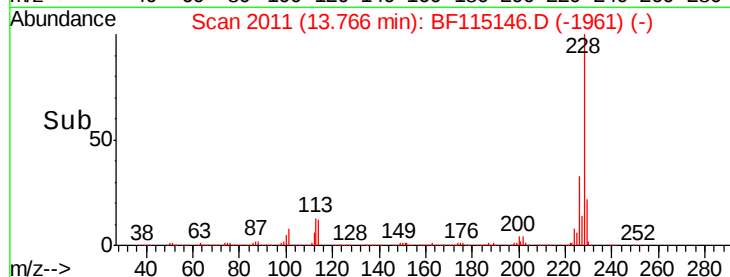
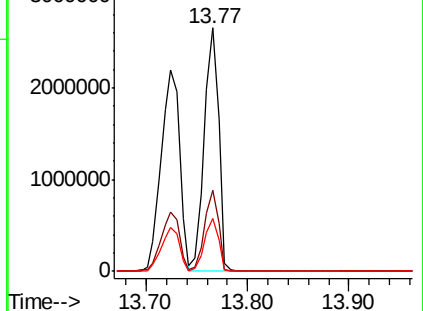
229 21.8 16.5 24.7



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: 46.886 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

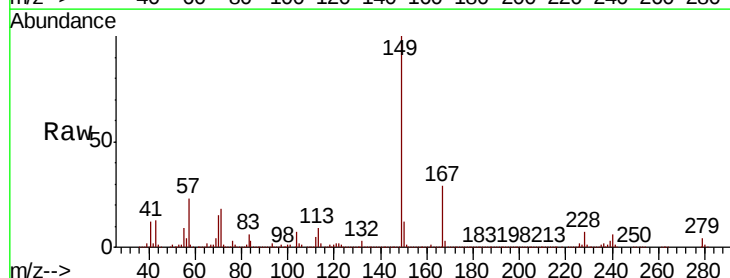
Tgt Ion:149 Resp: 1852039

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.4

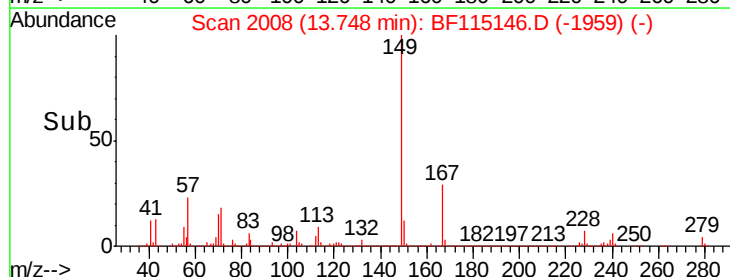
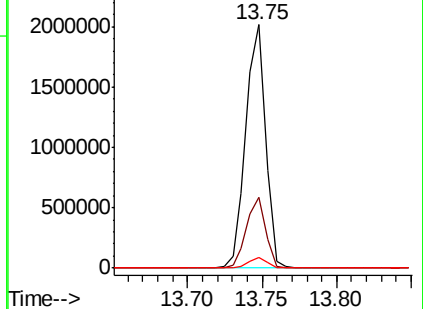
279 4.4 2.9 4.3#

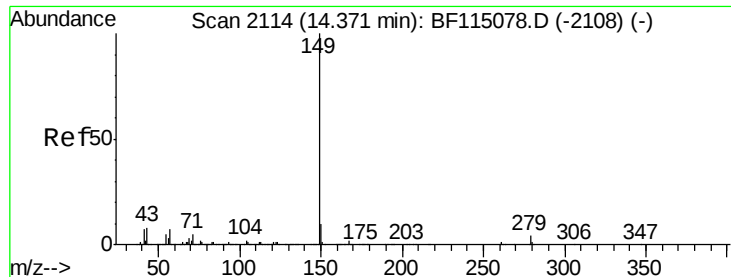


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.236 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

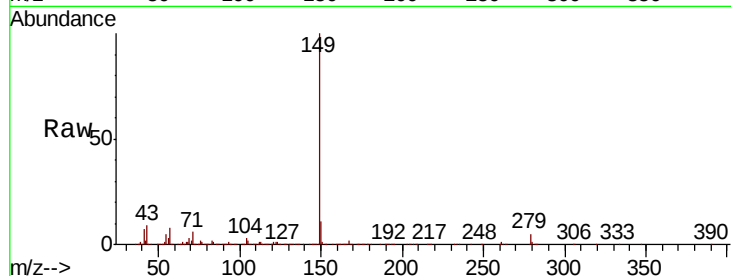
Tot Ion:149 Resp: 3134961

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

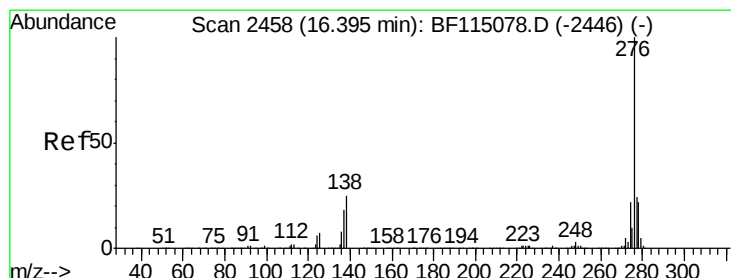
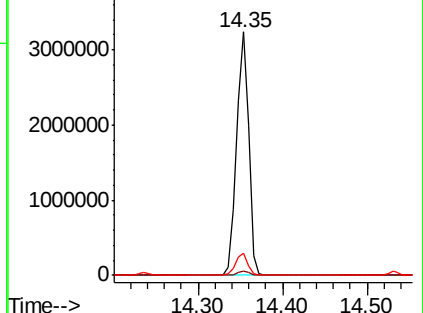
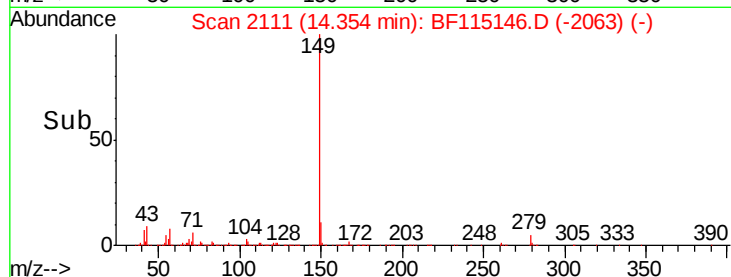
43 8.9 7.0 10.6



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: 39.722 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

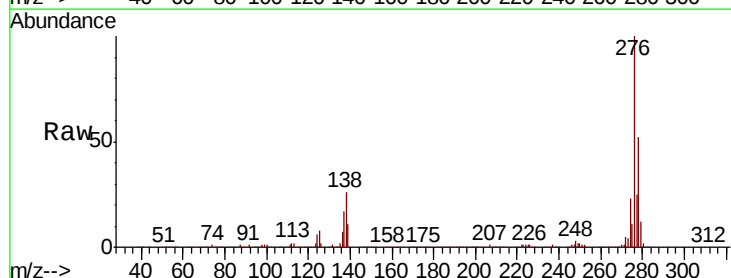
Tgt Ion:276 Resp: 2746070

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

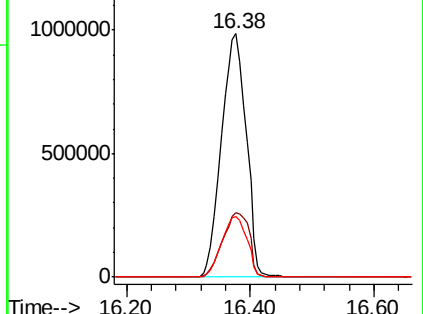
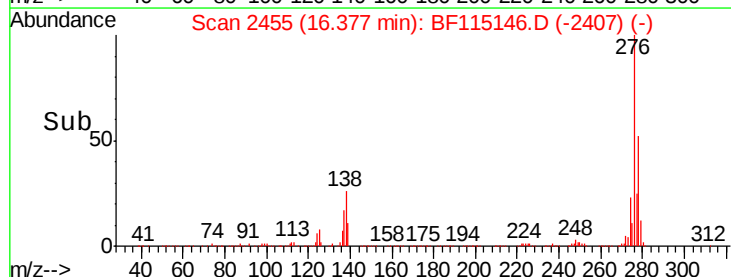
277 25.6 20.1 30.1

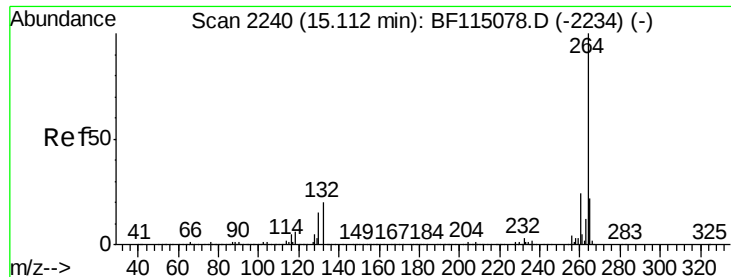


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

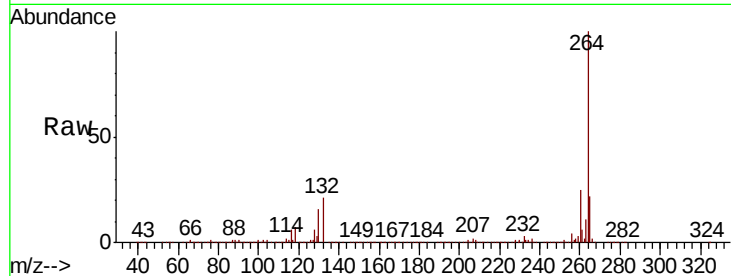




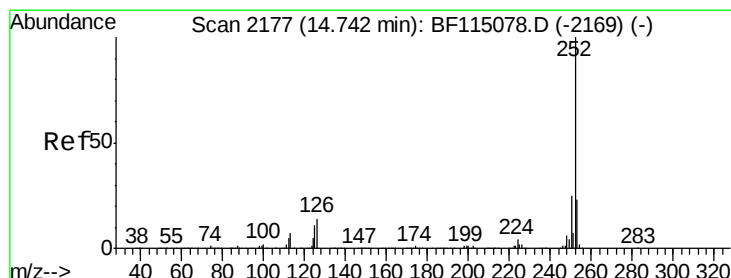
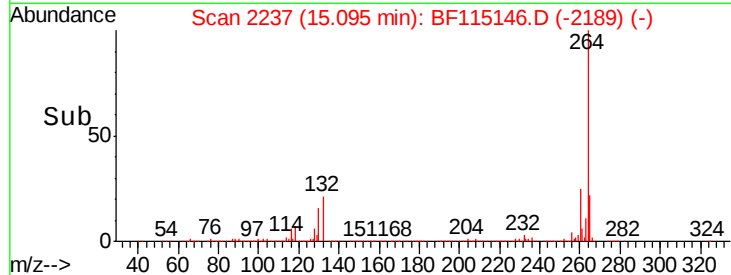
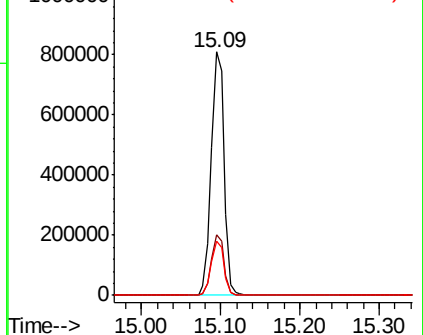
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:264 Resp: 913837
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.5 17.3 25.9

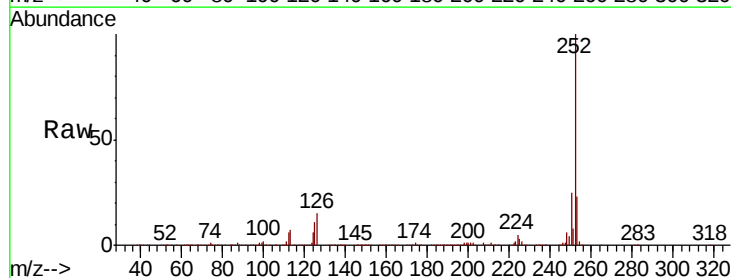


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

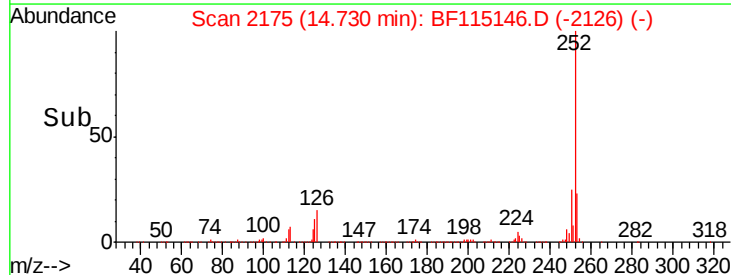
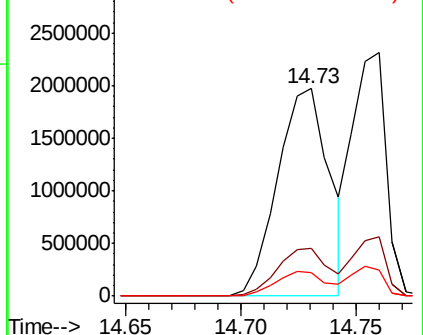


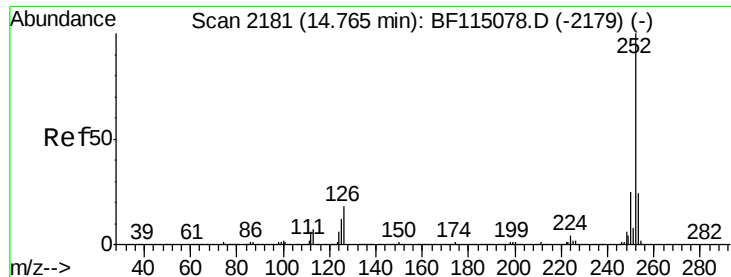
#88
Benzo(b)fluoranthene
Concen: 53.633 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:252 Resp: 3058220
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.1 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

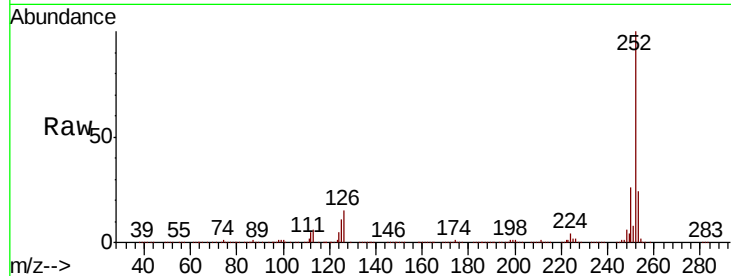




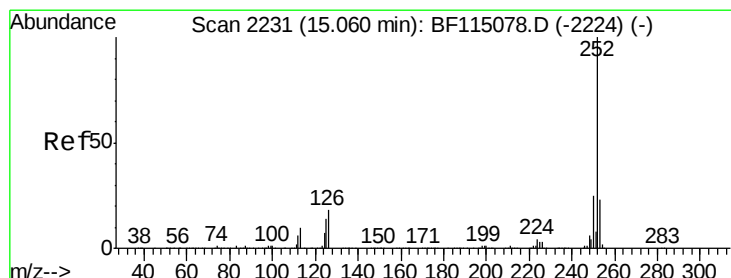
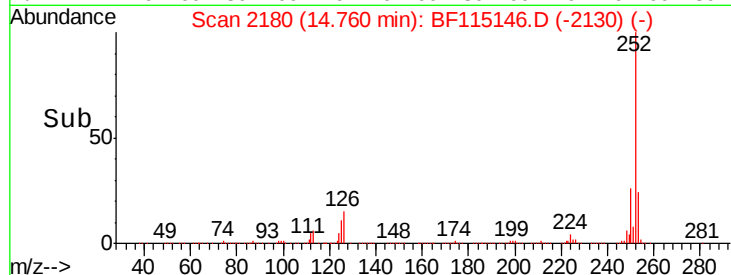
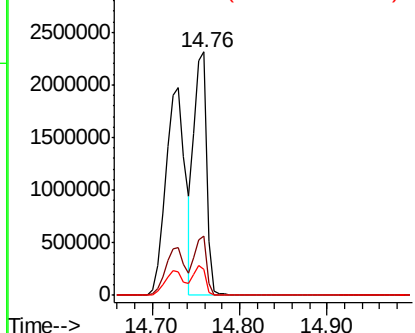
#89
Benzo(k)fluoranthene
Concen: 46.344 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:252 Resp: 2369807
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 10.7 10.2 15.2

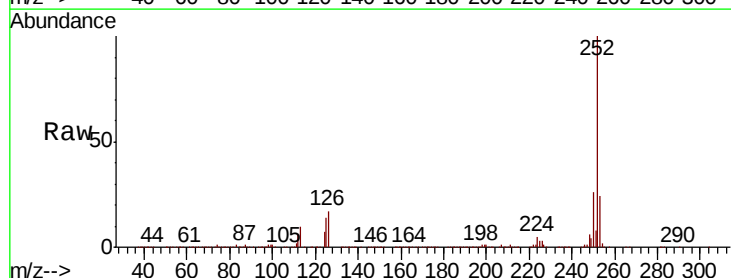


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

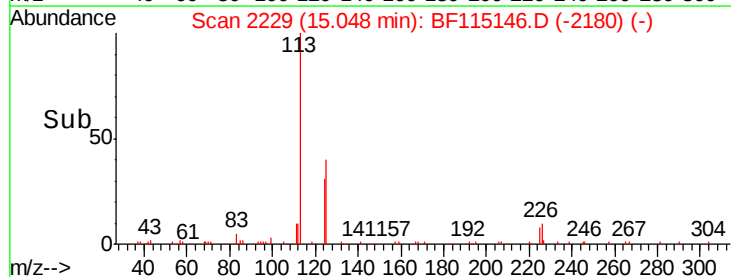
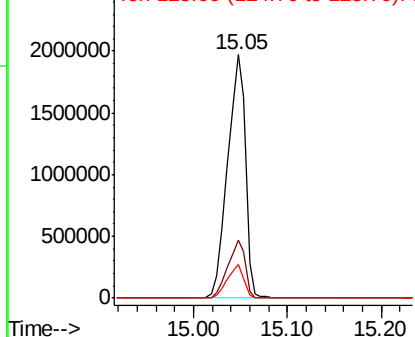


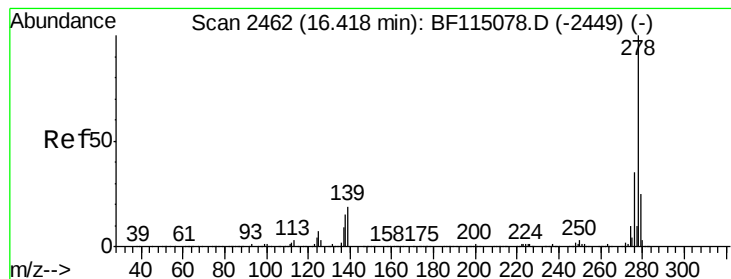
#90
Benzo(a)pyrene
Concen: 50.749 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:252 Resp: 2608199
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 13.7 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: 47.154 ng

RT: 16.39 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

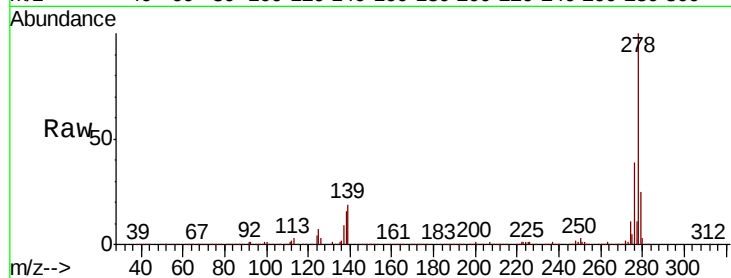
Tot Ion:278 Resp: 2262397

Ion Ratio Lower Upper

278 100

139 19.0 15.4 23.2

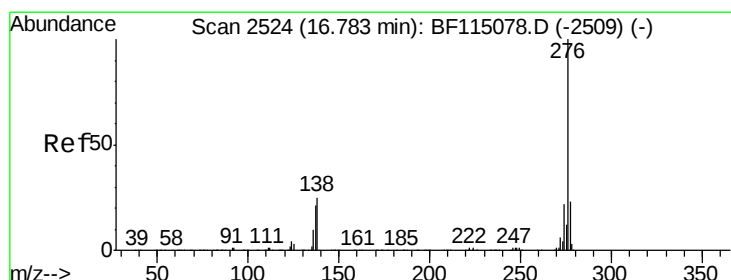
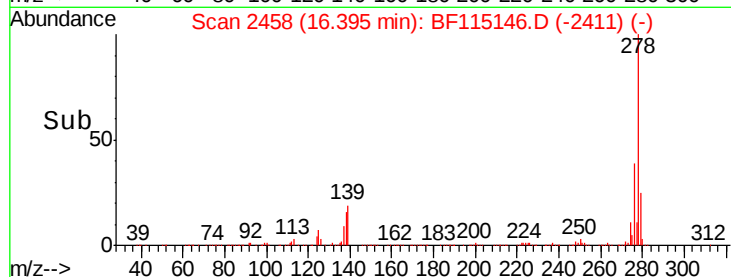
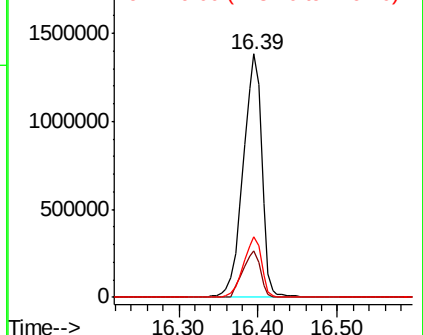
279 25.0 19.9 29.9



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: 46.873 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

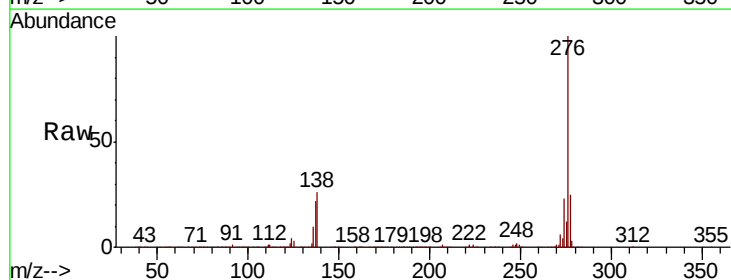
Tgt Ion:276 Resp: 2276170

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.6 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

