

Data File : BF115335.D
Acq On : 1 Jul 2019 13:32
Operator : HP/JU
Sample : PB120926BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Quant Time: Jul 02 08:17:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	240715	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	912827	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	441281	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	865059	20.00	ng	0.01
76) Chrysene-d12	13.73	240	571998	20.00	ng	0.01
87) Perylene-d12	15.09	264	719787	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1809923	116.03	ng	0.02
7) Phenol-d6	6.25	99	2229994	117.78	ng	0.02
23) Nitrobenzene-d5	7.17	82	1381841	93.12	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	637300	136.95	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2490031	95.85	ng	0.00
79) Terphenyl-d14	12.69	244	2676155	99.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	255157	34.660	ng	99
3) Pyridine	2.91	79	720445	34.721	ng	98
4) n-Nitrosodimethylamine	2.86	42	310367	38.156	ng	95
6) Aniline	6.27	93	637654	24.505	ng	# 1
8) 2-Chlorophenol	6.39	128	740886	42.240	ng	98
9) Benzaldehyde	6.14	77	124863	10.109	ng	98
10) Phenol	6.27	94	837247	37.752	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	663151	40.565	ng	99
12) 1,3-Dichlorobenzene	6.54	146	793445	40.760	ng	98
13) 1,4-Dichlorobenzene	6.62	146	810431	41.518	ng	98
14) 1,2-Dichlorobenzene	6.78	146	749622	41.469	ng	98
15) Benzyl Alcohol	6.75	79	548873	39.812	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	938951	39.600	ng	96
17) 2-Methylphenol	6.87	107	637568	44.037	ng	98
18) Hexachloroethane	7.12	117	285527	40.573	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	464417	38.314	ng	99
20) 3+4-Methylphenols	7.02	107	716093	42.835	ng	# 87
22) Acetophenone	7.02	105	978052	46.802	ng	# 97
24) Nitrobenzene	7.19	77	742870	45.441	ng	97
25) Isophorone	7.43	82	1336814	43.977	ng	99
26) 2-Nitrophenol	7.51	139	415956	51.523	ng	95
27) 2,4-Dimethylphenol	7.55	122	656937	49.699	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	832069	43.307	ng	99
29) 2,4-Dichlorophenol	7.75	162	640821	46.977	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	693839	46.048	ng	99
31) Naphthalene	7.91	128	2072541	46.253	ng	100
32) Benzoic acid	7.70	122	483962	51.292	ng	99
33) 4-Chloroaniline	7.95	127	375405	18.332	ng	99
34) Hexachlorobutadiene	8.04	225	369721	44.776	ng	100
35) Caprolactam	8.34	113	127615	27.825	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	645035	46.692	ng	98
37) 2-Methylnaphthalene	8.60	142	1394464	46.156	ng	98
38) 1-Methylnaphthalene	8.70	142	1325268	45.929	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	611909	49.071	ng	99

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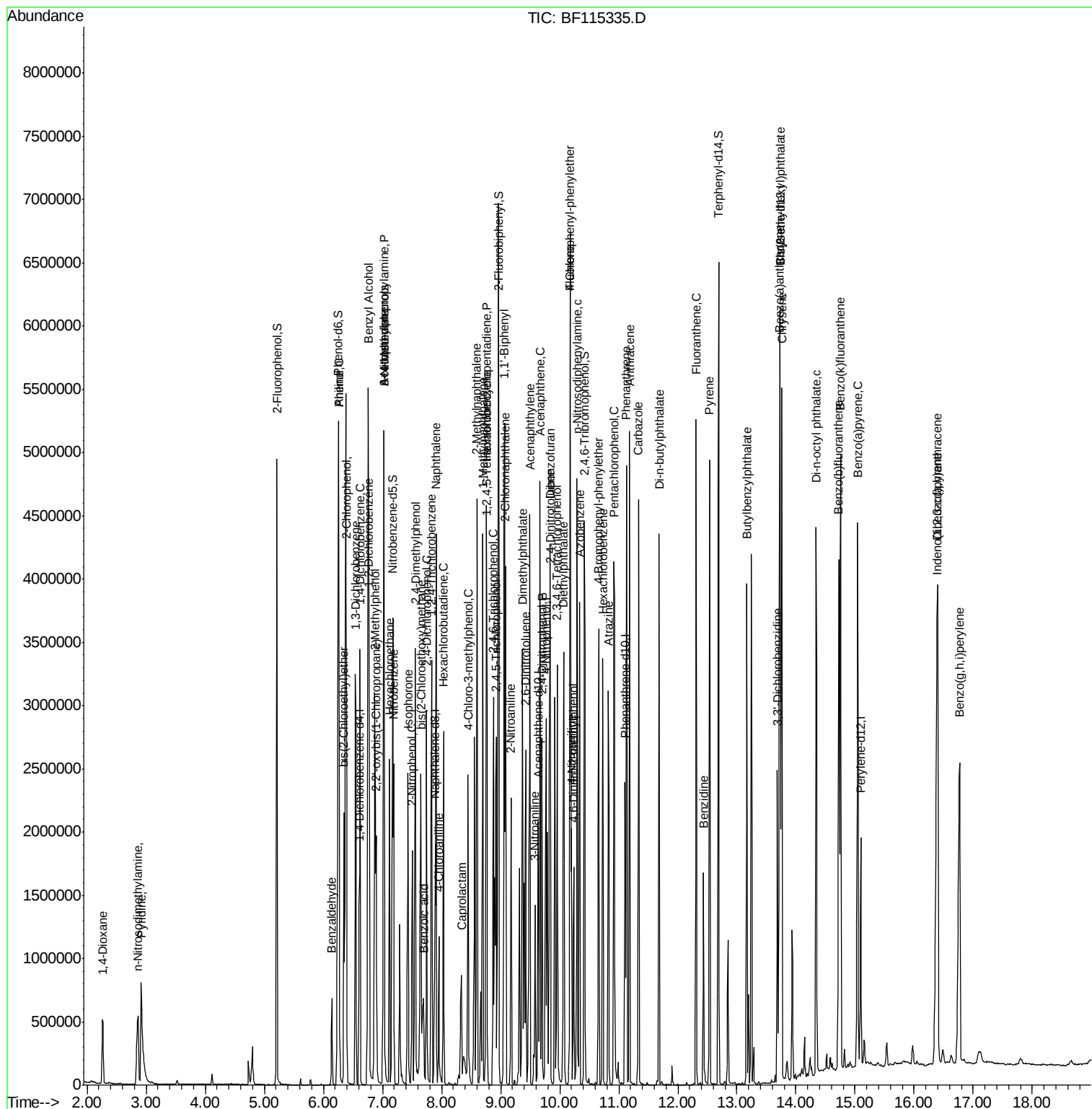
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	615455	83.235	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	459435	47.723	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	494378	49.866	ng	97
46) 1,1'-Biphenyl	9.07	154	1608279	45.549	ng	98
47) 2-Chloronaphthalene	9.08	162	1308397	45.683	ng	97
48) 2-Nitroaniline	9.18	65	390477	46.764	ng	97
49) Acenaphthylene	9.50	152	2032039	45.538	ng	99
50) Dimethylphthalate	9.37	163	1490724	45.916	ng	100
51) 2,6-Dinitrotoluene	9.42	165	356287	47.534	ng	96
52) Acenaphthene	9.67	154	1179209	42.231	ng	99
53) 3-Nitroaniline	9.58	138	238392	26.063	ng	97
54) 2,4-Dinitrophenol	9.70	184	396866	100.796	ng	95
55) Dibenzofuran	9.84	168	1752297	43.723	ng	100
56) 4-Nitrophenol	9.77	139	657427	89.653	ng	93
57) 2,4-Dinitrotoluene	9.83	165	472329	48.804	ng	97
58) Fluorene	10.18	166	1246720	47.019	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	414323	49.839	ng	98
60) Diethylphthalate	10.07	149	1447972	44.369	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	602986	48.008	ng	100
62) 4-Nitroaniline	10.20	138	403938	44.021	ng	98
63) Azobenzene	10.34	77	1332504	43.714	ng	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	237990	51.322	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1241135	46.052	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	425011	45.315	ng	99
68) Hexachlorobenzene	10.73	284	467013	45.874	ng	100
69) Atrazine	10.82	200	408310	47.097	ng	98
70) Pentachlorophenol	10.92	266	571331	88.092	ng	97
71) Phenanthrene	11.14	178	2037878	43.754	ng	99
72) Anthracene	11.18	178	2106063	44.795	ng	99
73) Carbazole	11.34	167	1947973	46.399	ng	100
74) Di-n-butylphthalate	11.68	149	2152213	44.363	ng	99
75) Fluoranthene	12.31	202	2117256	45.561	ng	99
77) Benzidine	12.43	184	671704	26.446	ng	99
78) Pyrene	12.54	202	2167197	49.301	ng	99
80) Butylbenzylphthalate	13.17	149	981695	50.605	ng	98
81) Benzo(a)anthracene	13.72	228	1963885	47.850	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	563975	38.052	ng	99
83) Chrysene	13.76	228	1906990	50.723	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1195188	47.019	ng	# 98
85) Di-n-octyl phthalate	14.34	149	2159520	50.564	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2380682	53.514	ng	98
88) Benzo(b)fluoranthene	14.72	252	2095235	46.651	ng	99
89) Benzo(k)fluoranthene	14.75	252	1971206	48.941	ng	99
90) Benzo(a)pyrene	15.05	252	2016923	49.825	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	1925770	50.958	ng	99
92) Benzo(g,h,i)perylene	16.77	276	2026971	52.994	ng	99

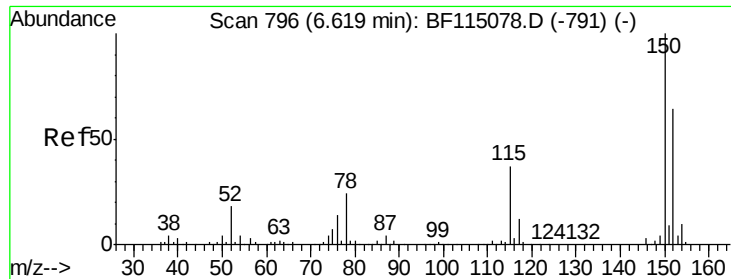
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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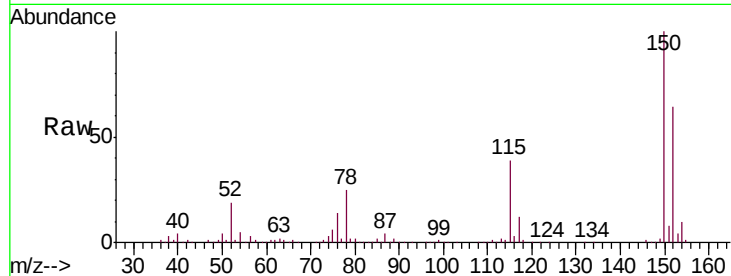


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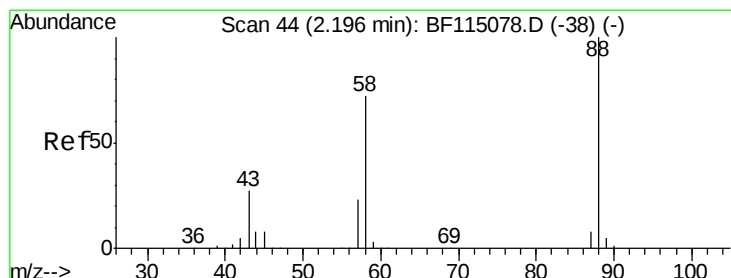
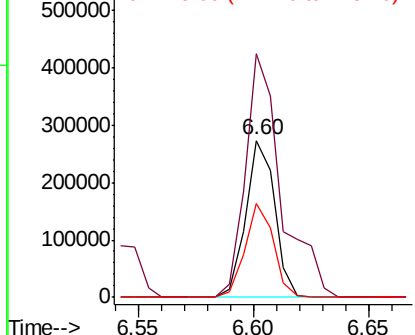
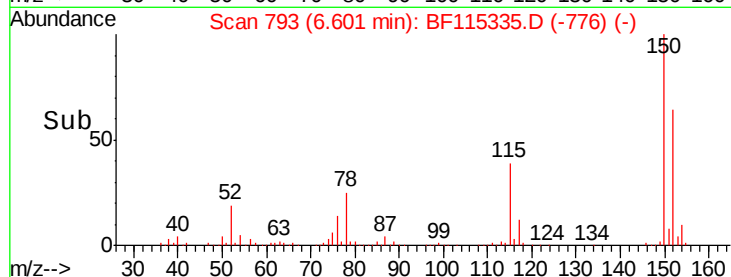
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115335.D
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Instrument :
BNA_F
ClientSampled :
PB120926BS

Tgt Ion: 152 Resp: 240715
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 59.8 46.1 69.1



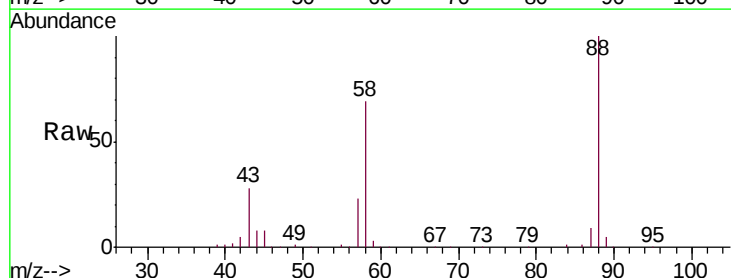
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



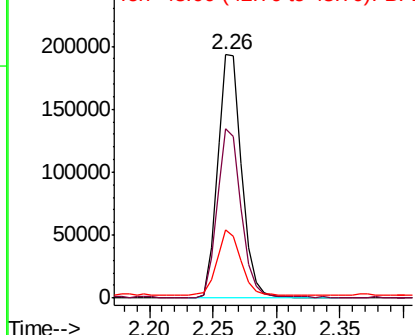
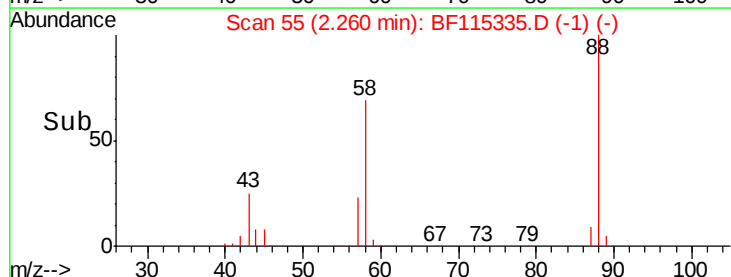
#2

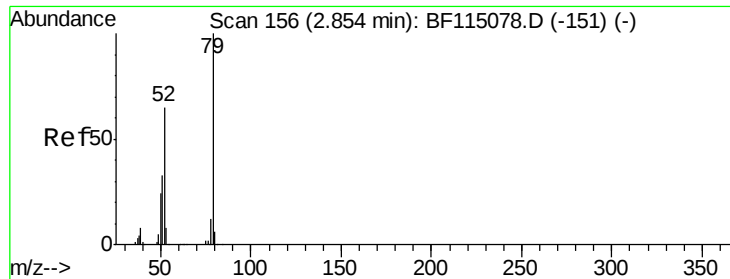
1,4-Dioxane
Concen: 34.660 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.11 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 88 Resp: 255157
Ion Ratio Lower Upper
88 100
58 68.9 56.1 84.1
43 26.1 21.3 31.9



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





#3

Pyridine

Concen: 34.721 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.11 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

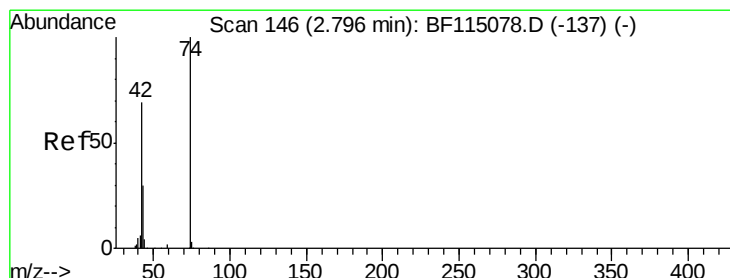
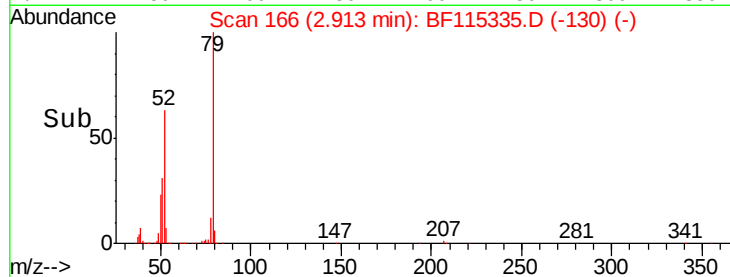
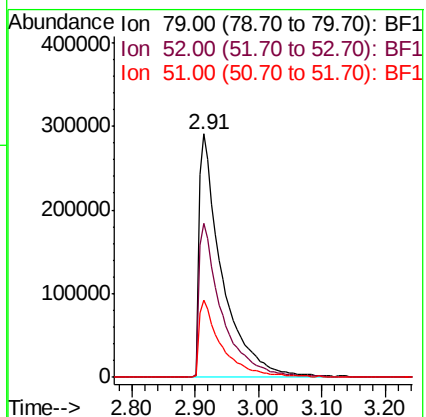
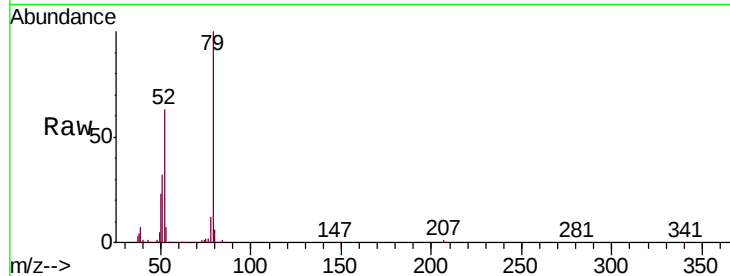
Tgt Ion: 79 Resp: 720445

Ion Ratio Lower Upper

79 100

52 63.3 52.3 78.5

51 31.7 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.156 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.11 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

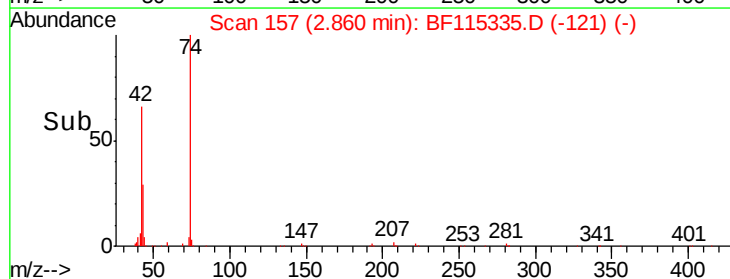
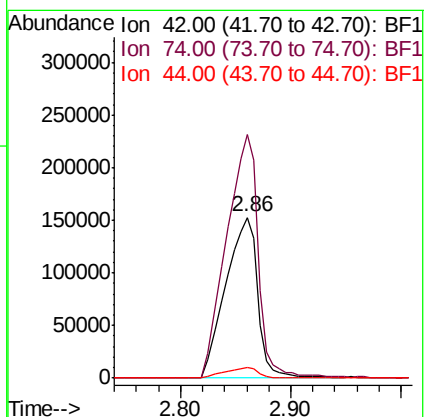
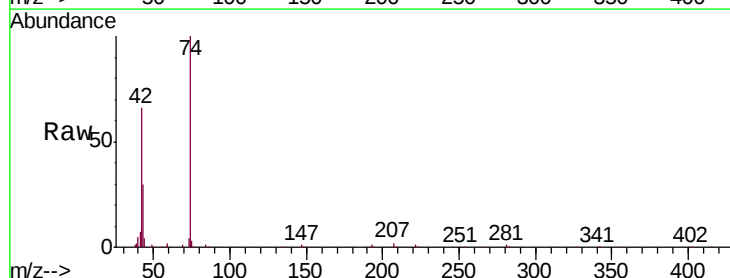
Tgt Ion: 42 Resp: 310367

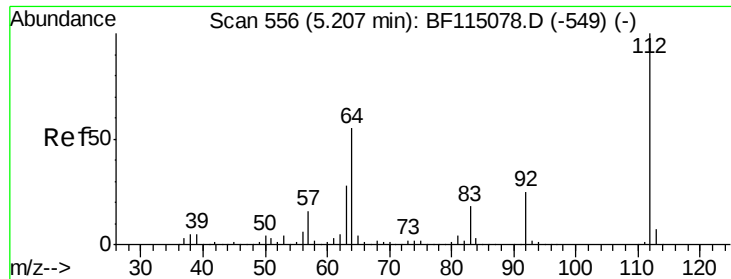
Ion Ratio Lower Upper

42 100

74 151.7 116.6 175.0

44 6.5 5.3 7.9





#5

2-Fluorophenol

Concen: 116.030 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

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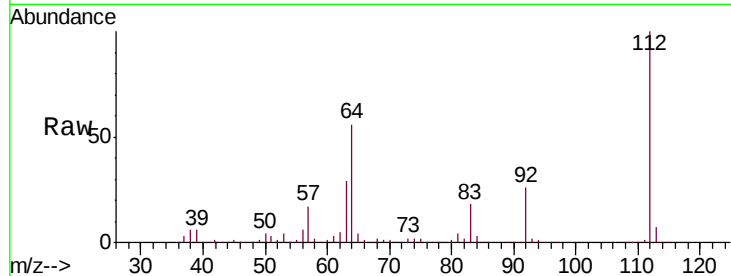
Tgt Ion: 112 Resp: 1809923

Ion Ratio Lower Upper

112 100

64 55.8 43.8 65.6

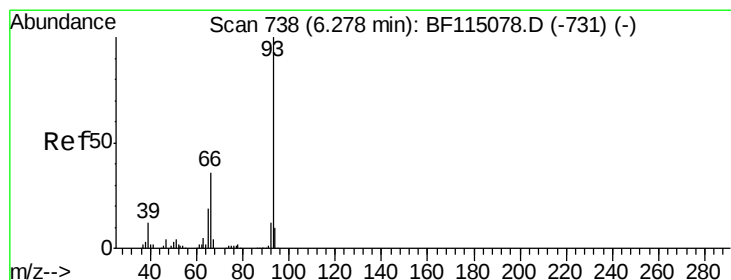
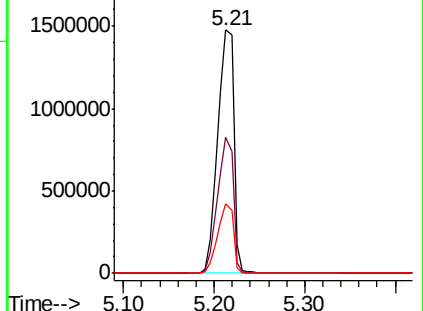
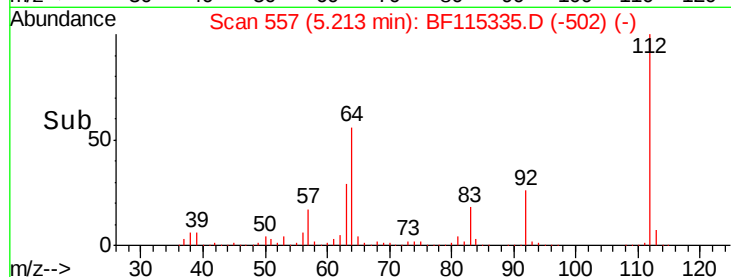
63 28.6 22.2 33.4



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: 24.505 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

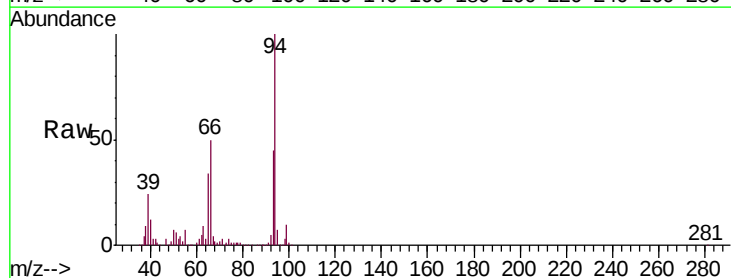
Tgt Ion: 93 Resp: 637654

Ion Ratio Lower Upper

93 100

66 111.5 30.0 45.0#

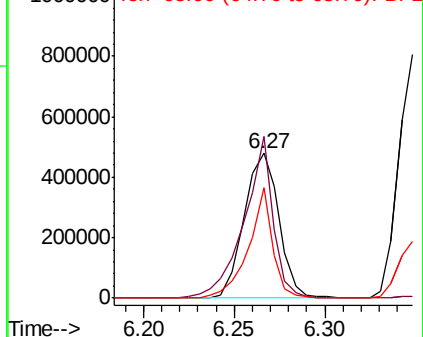
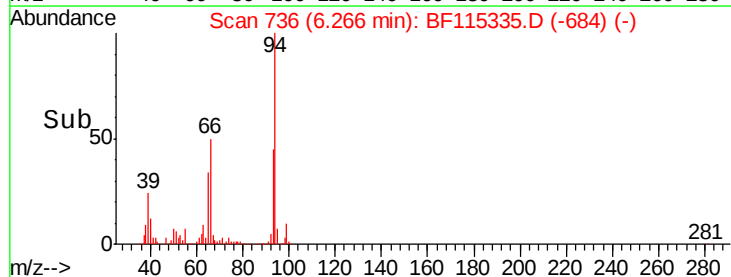
65 76.3 15.6 23.4#

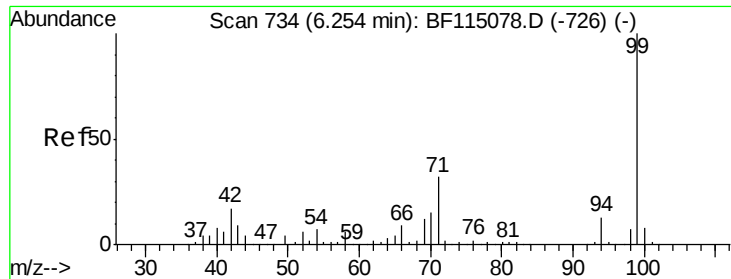


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.783 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

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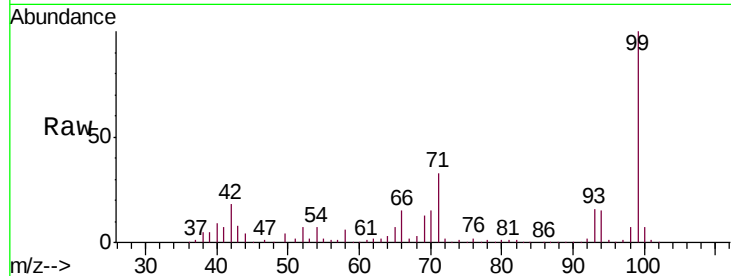
Tgt Ion: 99 Resp: 2229994

Ion Ratio Lower Upper

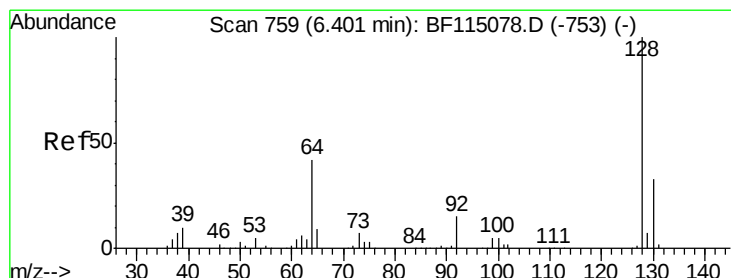
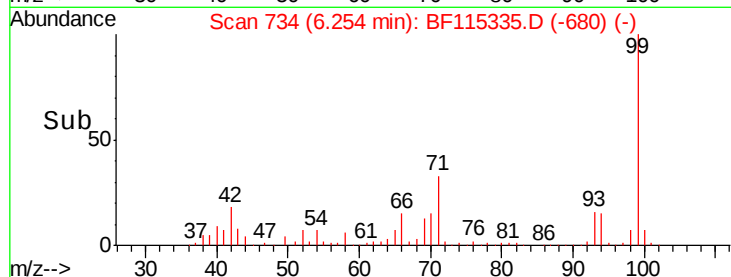
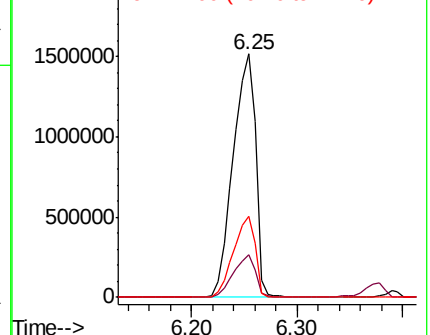
99 100

42 17.6 13.6 20.4

71 33.4 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: 42.240 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

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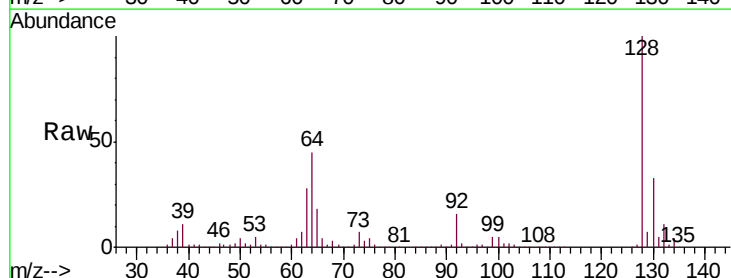
Tgt Ion: 128 Resp: 740886

Ion Ratio Lower Upper

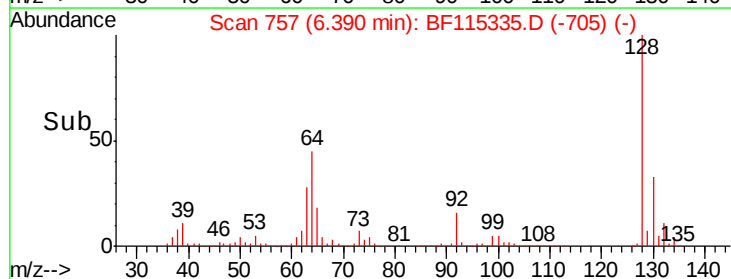
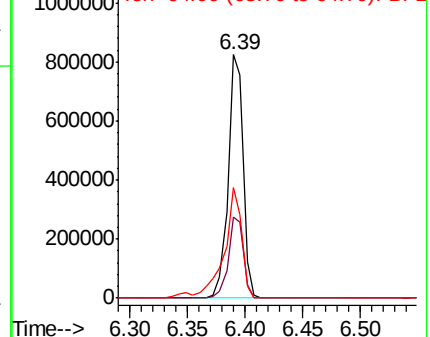
128 100

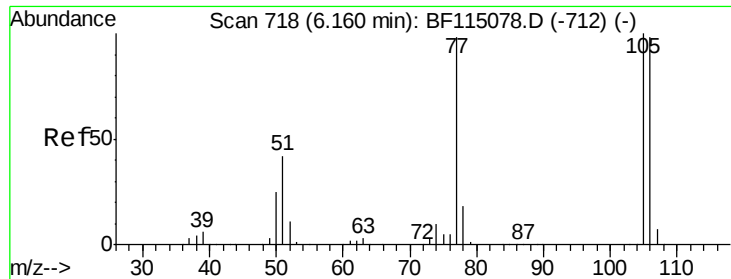
130 33.2 12.9 52.9

64 45.2 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

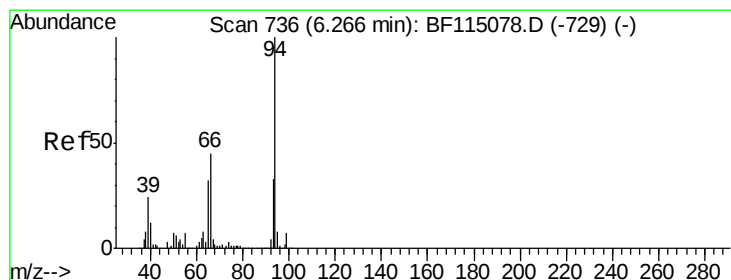
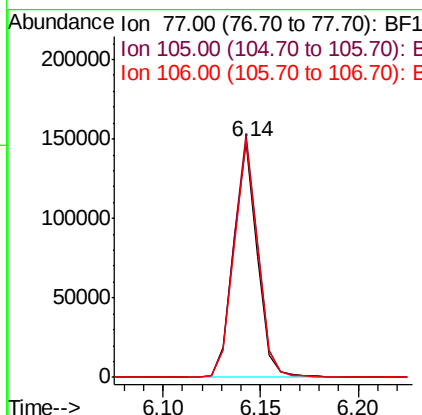
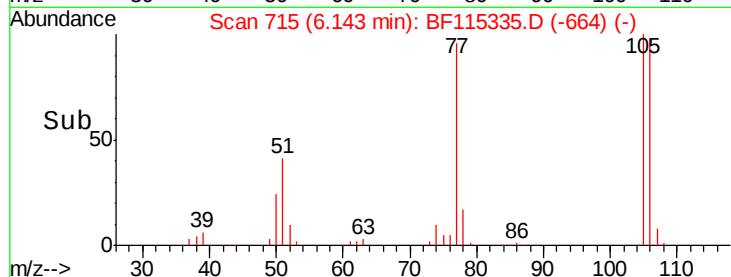
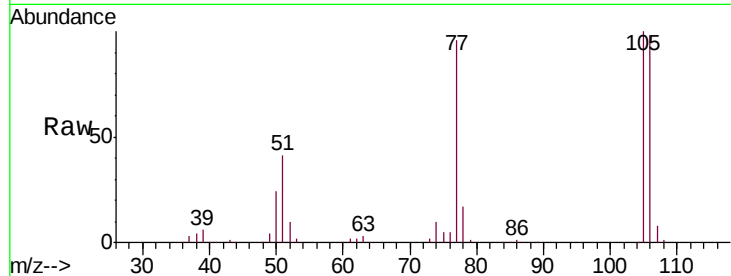




#9
Benzaldehyde
Concen: 10.109 ng
RT: 6.14 min Scan# 715
Delta R.T. 0.00 min
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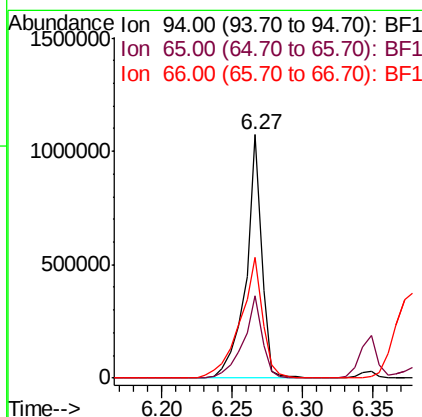
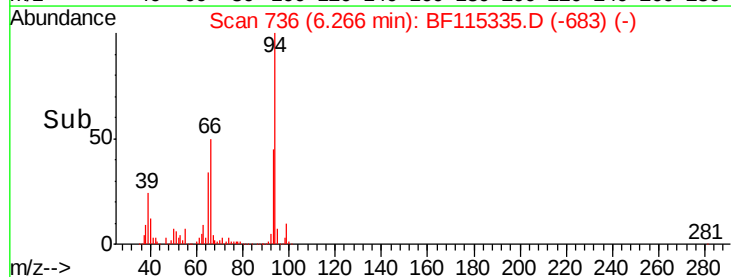
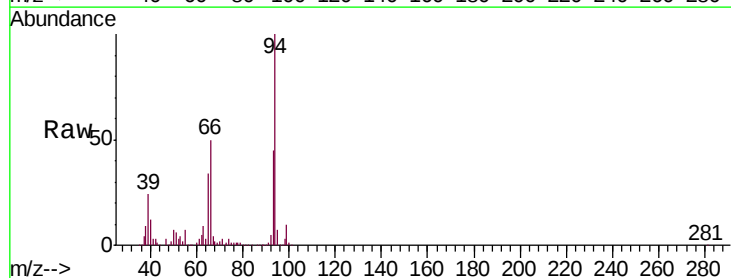
Instrument :
BNA_F
ClientSampleId :
PB120926BS

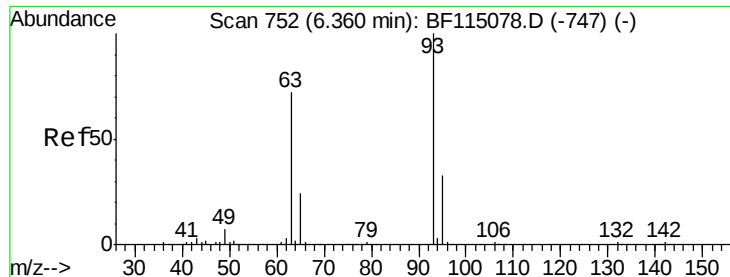
Tgt Ion: 77 Resp: 124863
Ion Ratio Lower Upper
77 100
105 103.8 81.5 121.5
106 101.9 79.7 119.7



#10
Phenol
Concen: 37.752 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 94 Resp: 837247
Ion Ratio Lower Upper
94 100
65 34.1 11.9 51.9
66 49.8 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 40.565 ng

RT: 6.35 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

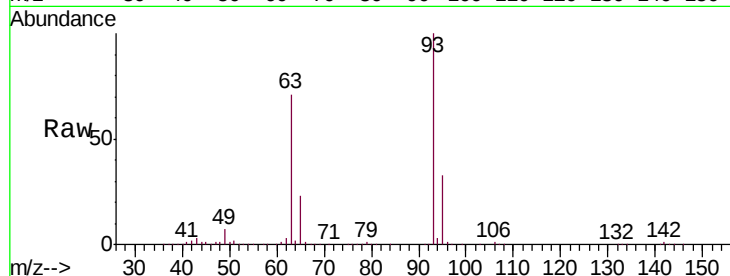
Tgt Ion: 93 Resp: 663151

Ion Ratio Lower Upper

93 100

63 71.3 51.5 91.5

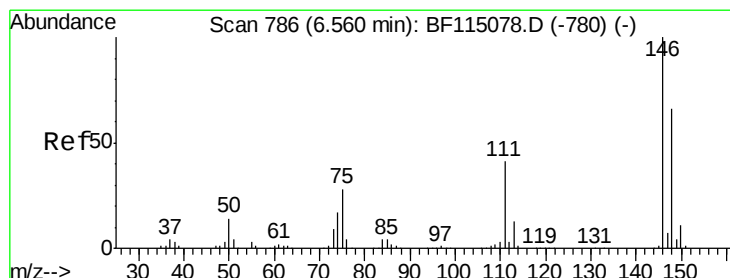
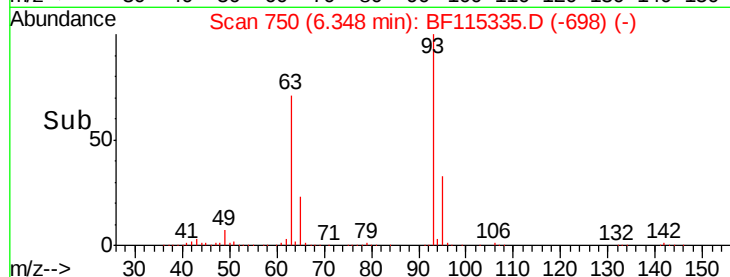
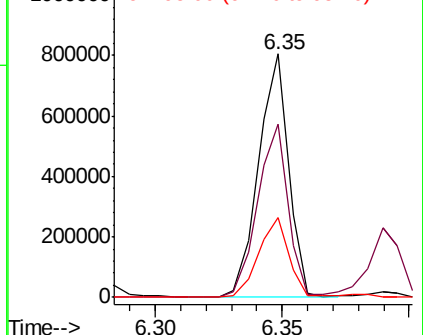
95 32.8 13.4 53.4



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: 40.760 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

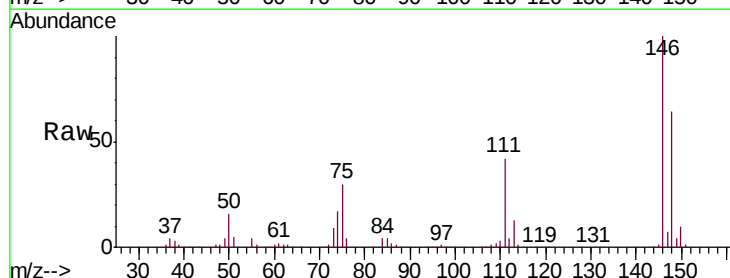
Tgt Ion:146 Resp: 793445

Ion Ratio Lower Upper

146 100

148 64.2 52.6 78.8

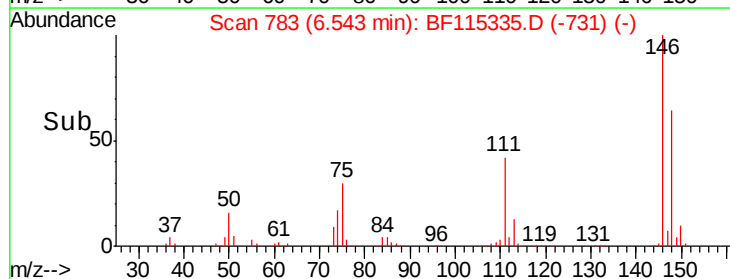
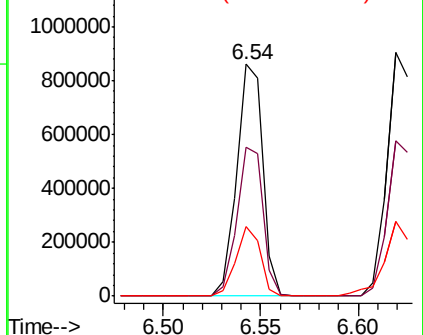
75 30.1 22.6 34.0

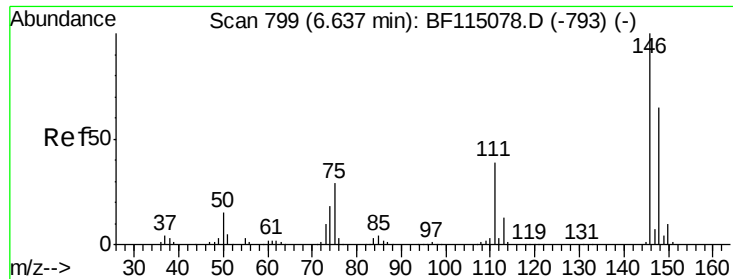


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

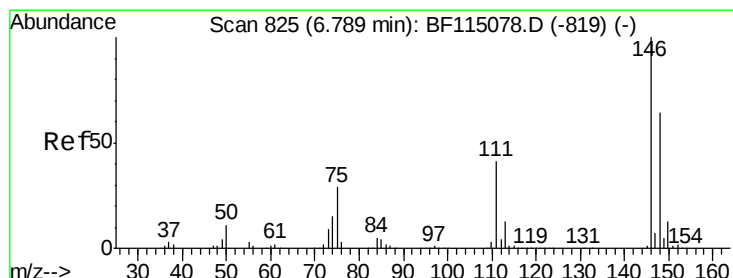
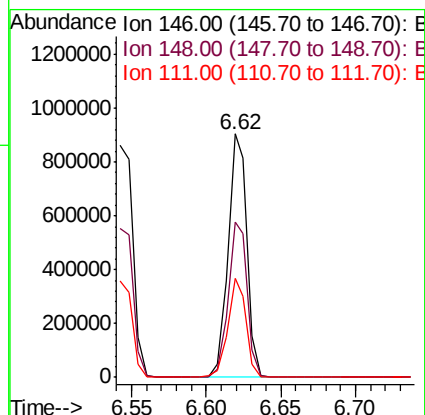
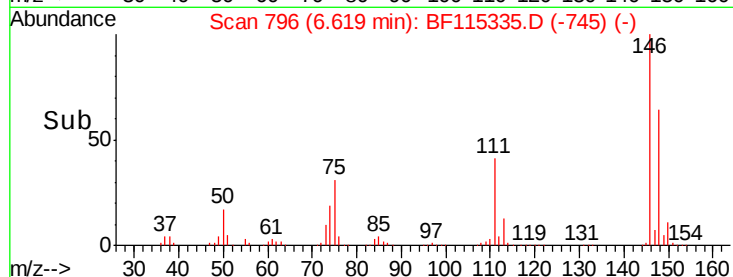
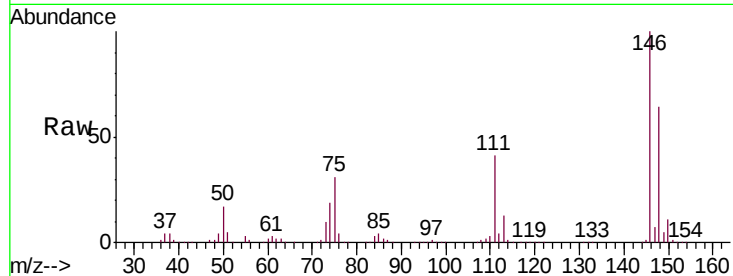




#13
 1,4-Dichlorobenzene
 Concen: 41.518 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

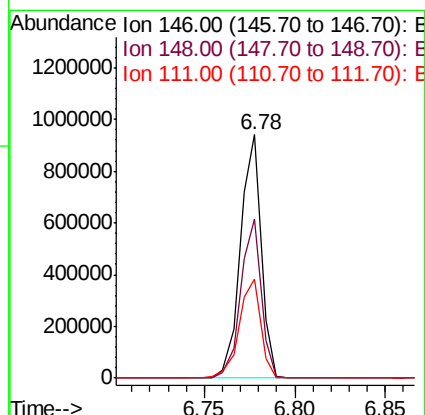
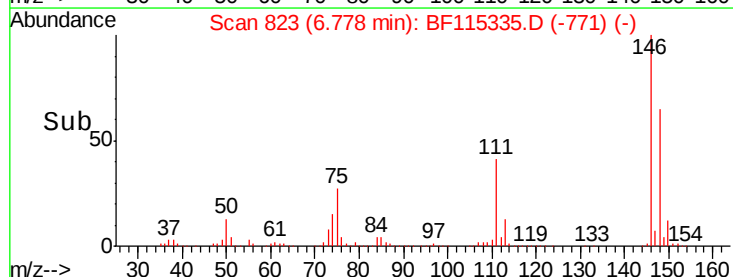
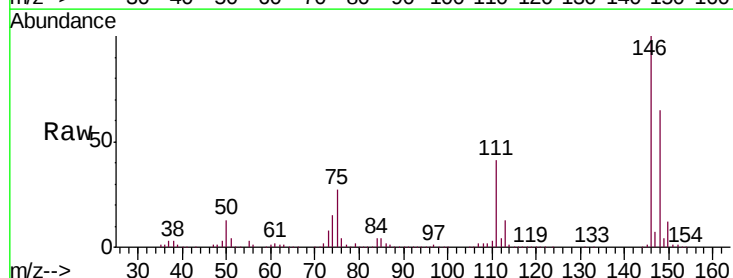
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

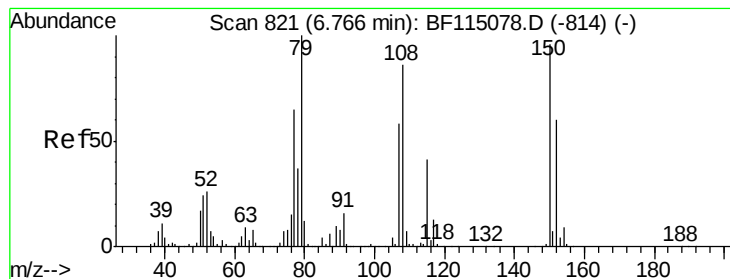
Tgt Ion:146 Resp: 810431
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 40.6 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.469 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:146 Resp: 749622
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 40.6 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.812 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

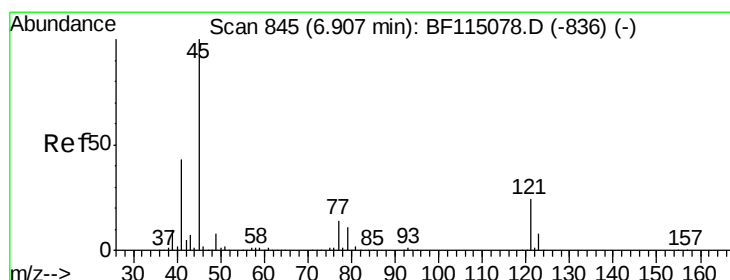
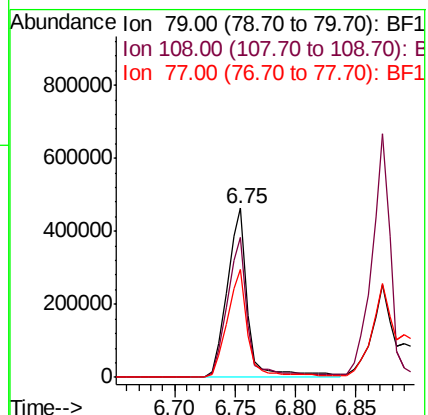
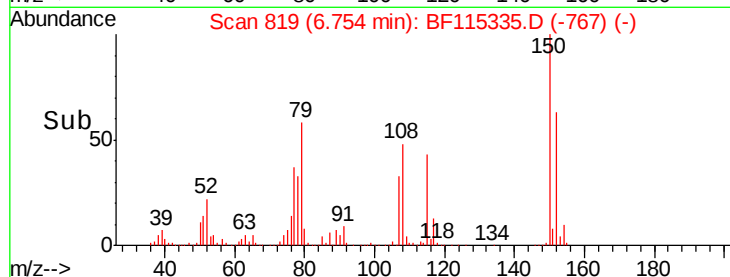
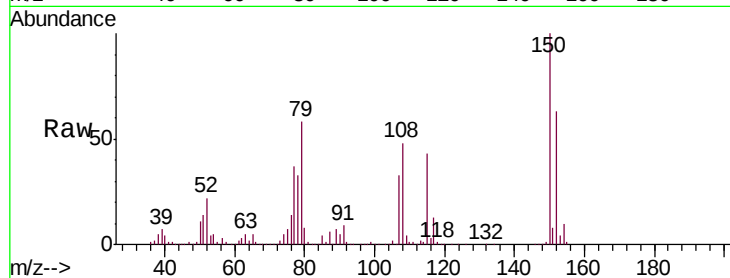
Tgt Ion: 79 Resp: 548873

Ion Ratio Lower Upper

79 100

108 83.0 68.7 103.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.600 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

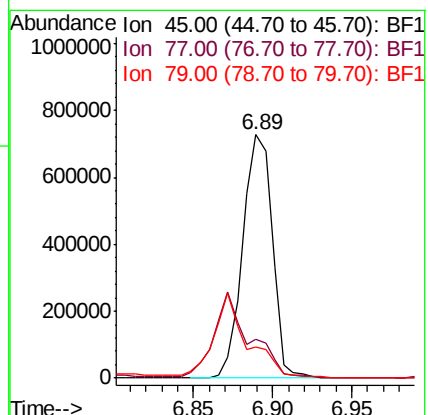
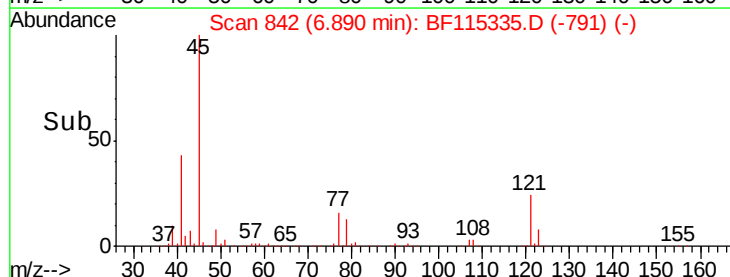
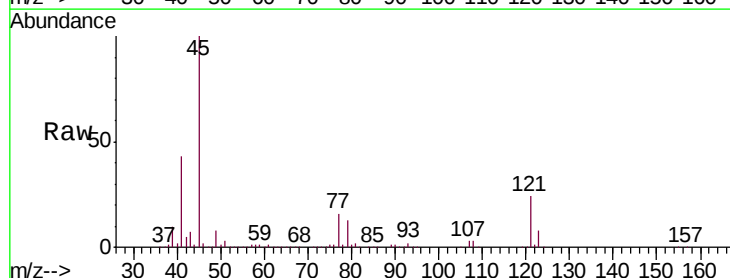
Tgt Ion: 45 Resp: 938951

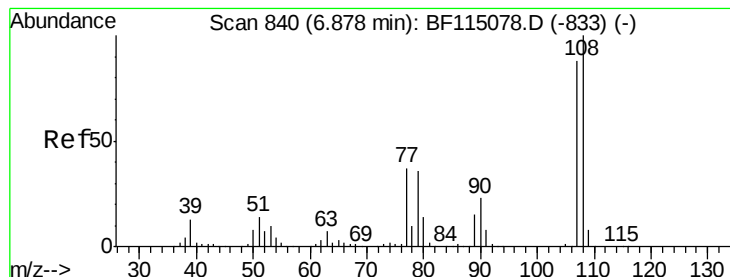
Ion Ratio Lower Upper

45 100

77 16.1 0.0 34.6

79 12.8 0.0 31.2





#17

2-Methylphenol

Concen: 44.037 ng

RT: 6.87 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tgt Ion:107 Resp: 637568

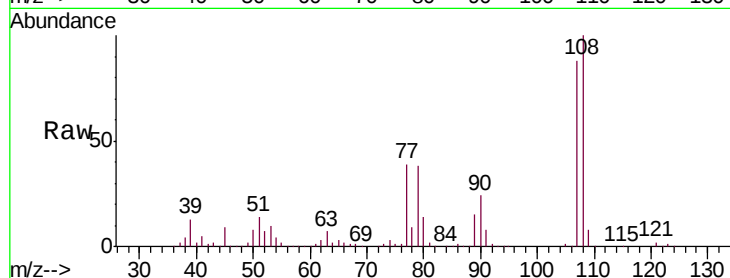
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 43.6 33.4 50.2

79 42.8 32.3 48.5

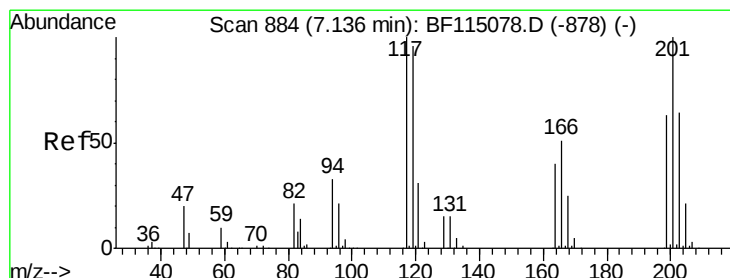
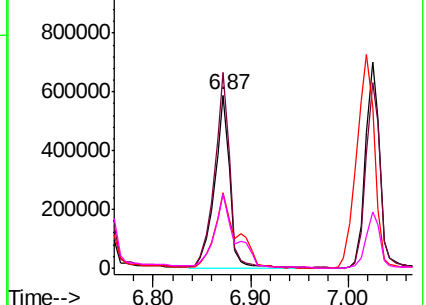
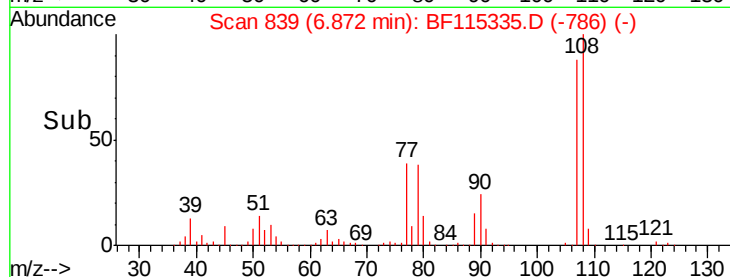


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.573 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

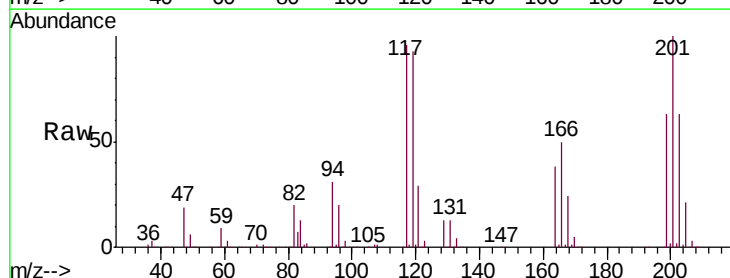
Tgt Ion:117 Resp: 285527

Ion Ratio Lower Upper

117 100

119 96.3 76.6 114.8

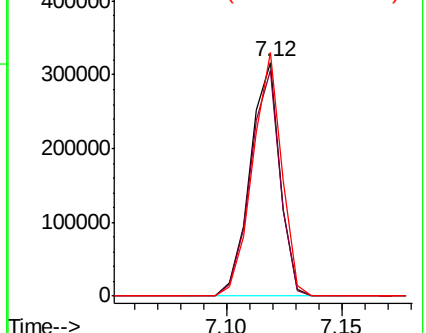
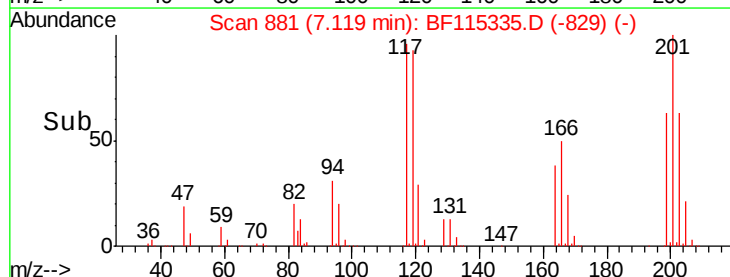
201 104.1 80.2 120.2

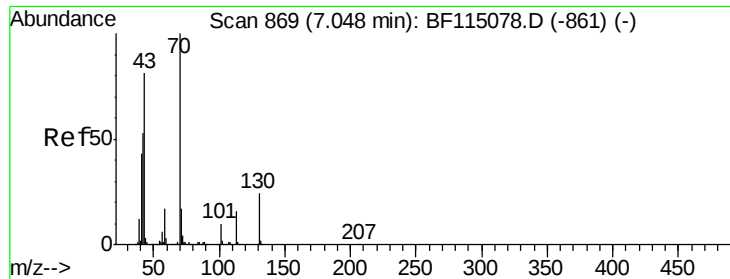


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

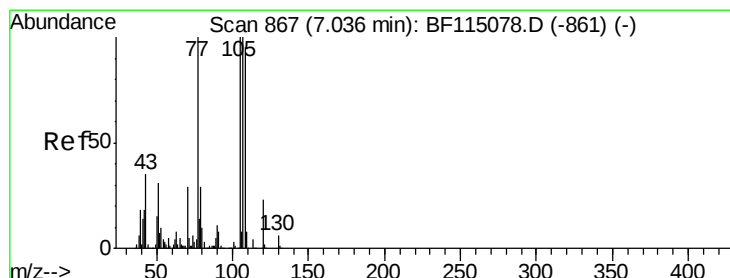
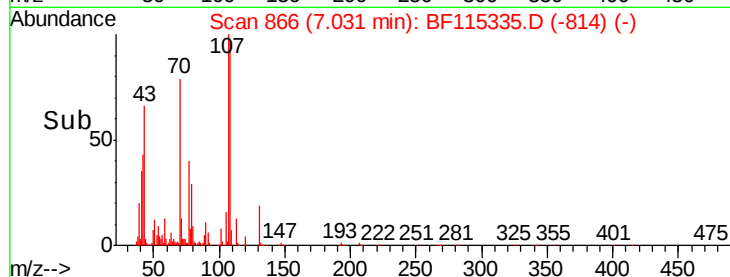
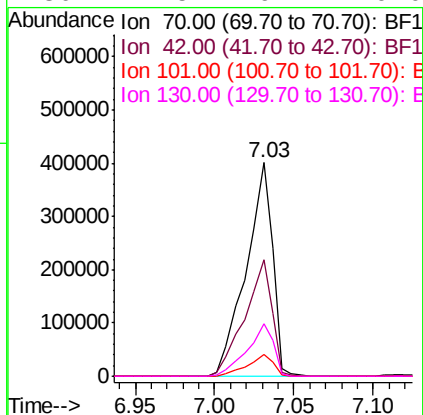
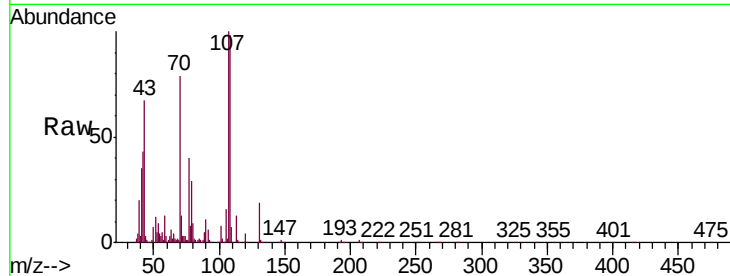




#19
n-Nitroso-di-n-propylamine
Concen: 38.314 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

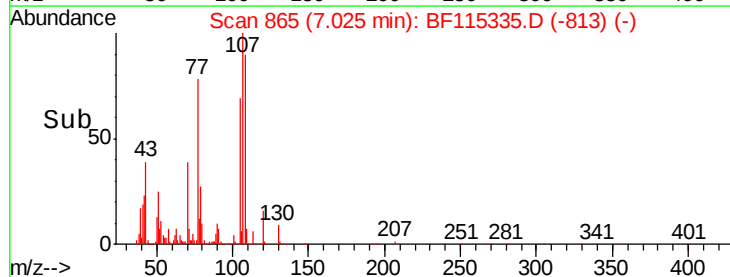
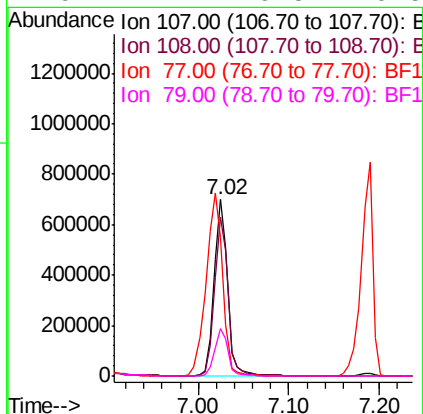
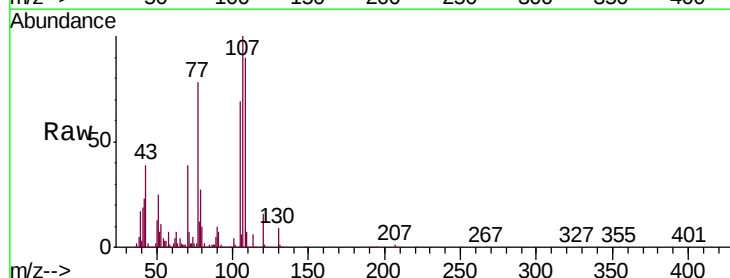
Instrument :
BNA_F
ClientSampleId :
PB120926BS

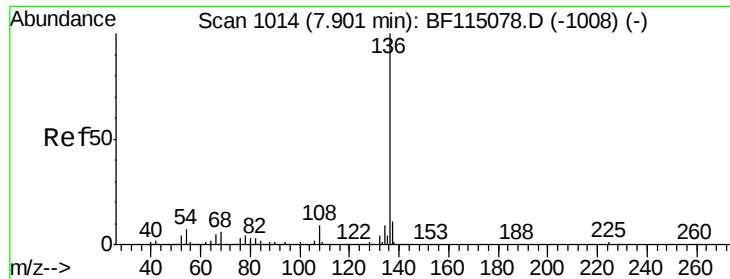
Tgt Ion:	70	Resp:	464417
Ion	Ratio	Lower	Upper
70	100		
42	54.7	42.6	63.8
101	10.0	8.0	12.0
130	24.5	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.835 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:	107	Resp:	716093
Ion	Ratio	Lower	Upper
107	100		
108	90.1	75.5	115.5
77	78.4	80.2	120.2#
79	27.2	9.5	49.5

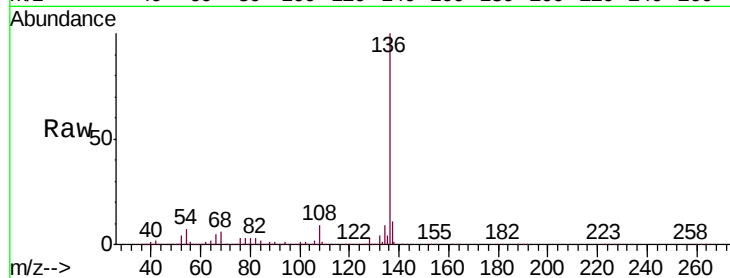




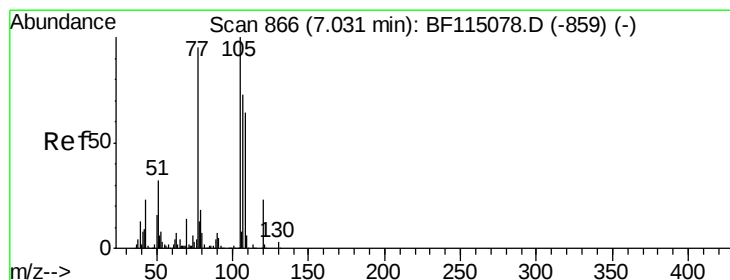
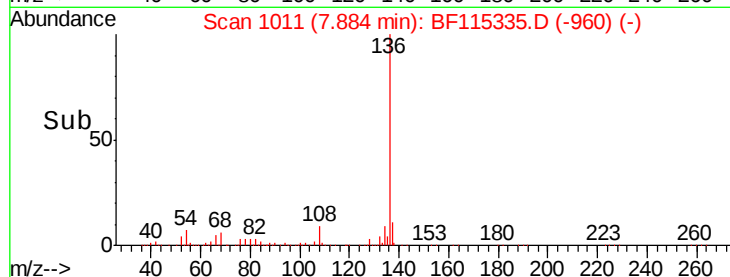
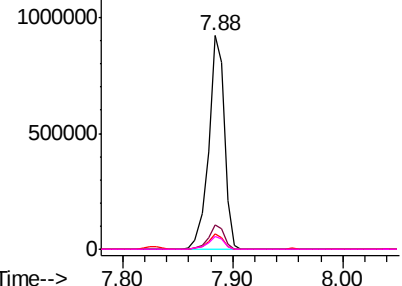
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:	136	Resp:	912827
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.3	5.6	8.4
68	6.2	4.8	7.2

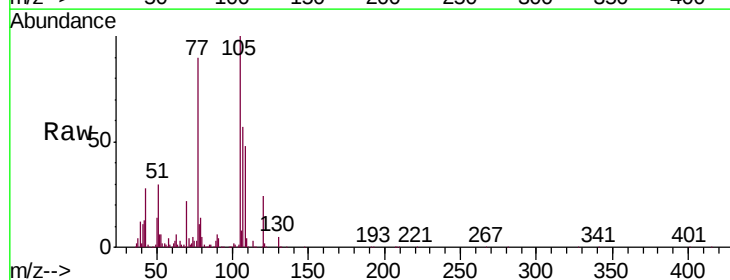


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

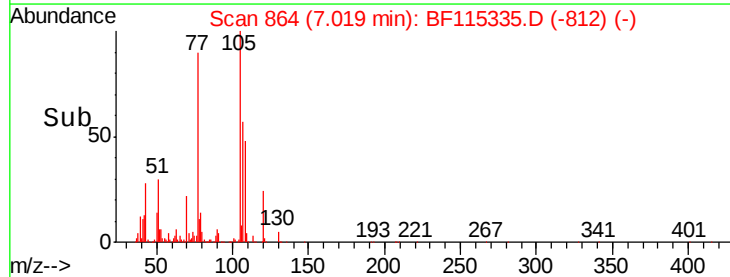
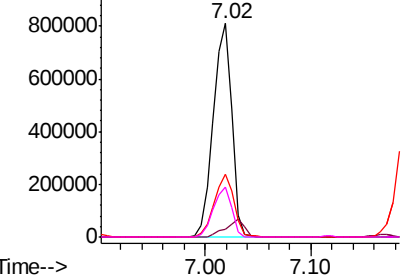


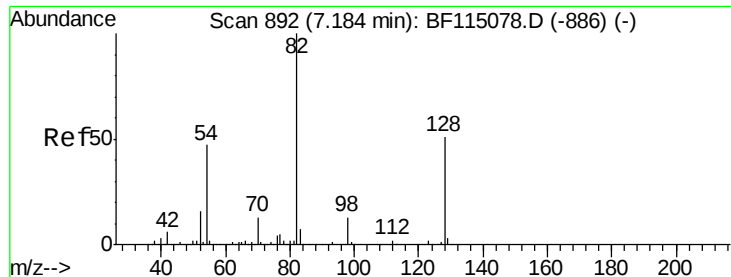
#22
Acetophenone
Concen: 46.802 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:	105	Resp:	978052
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	29.5	25.8	38.8
120	23.6	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

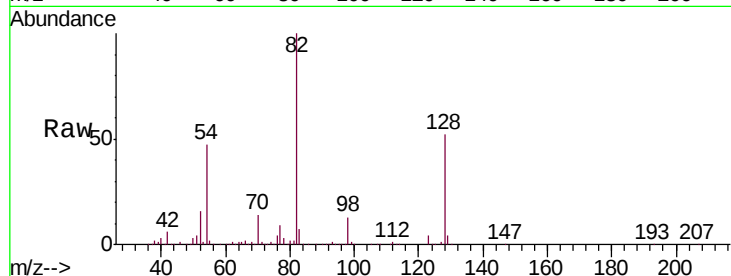




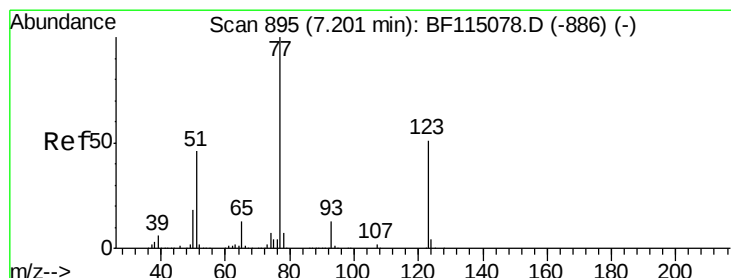
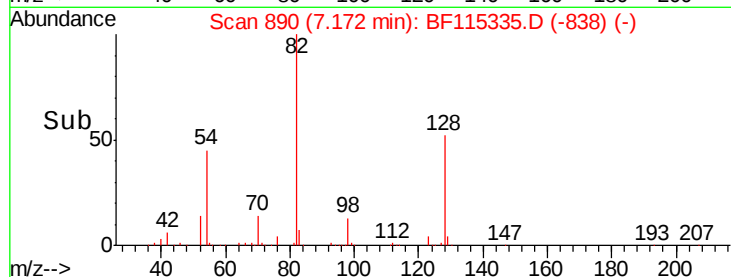
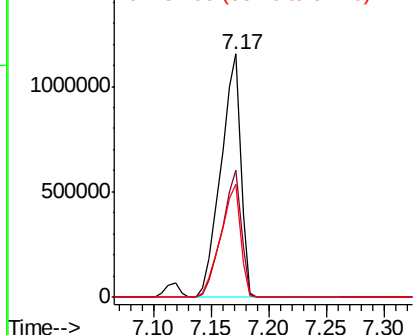
#23
 Nitrobenzene-d5
 Concen: 93.122 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion: 82 Resp: 1381841
 Ion Ratio Lower Upper
 82 100
 128 52.3 40.4 60.6
 54 46.7 37.5 56.3

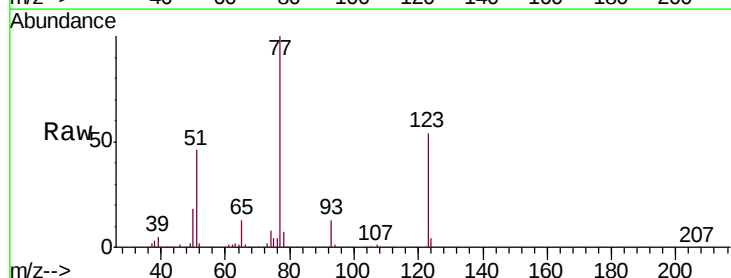


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

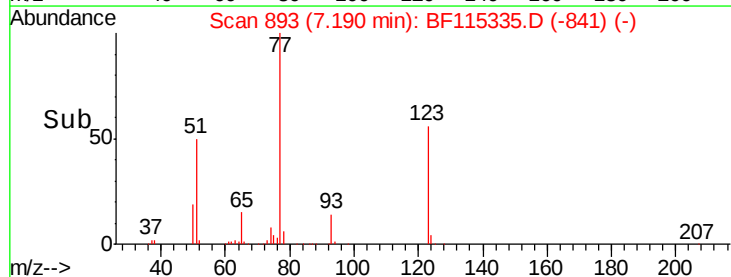
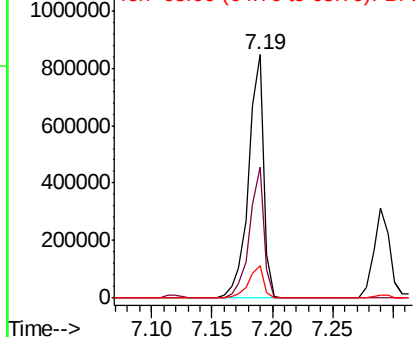


#24
 Nitrobenzene
 Concen: 45.441 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion: 77 Resp: 742870
 Ion Ratio Lower Upper
 77 100
 123 54.0 41.0 61.6
 65 13.2 10.5 15.7



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





#25

Isophorone

Concen: 43.977 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

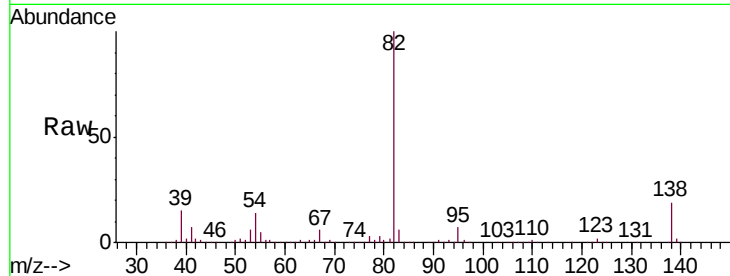
Tgt Ion: 82 Resp: 1336814

Ion Ratio Lower Upper

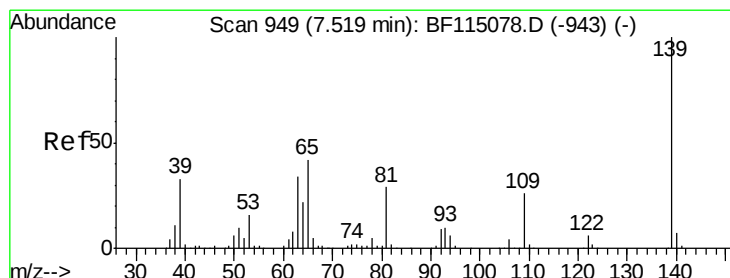
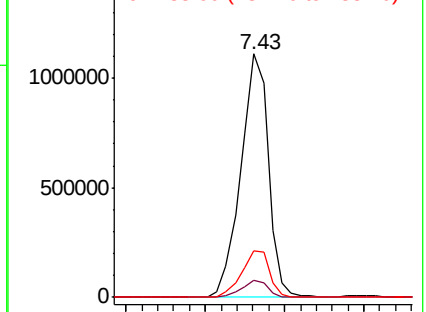
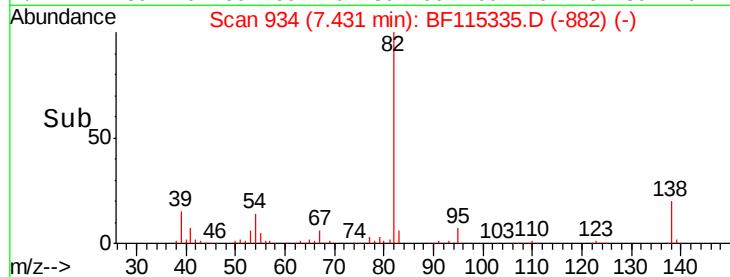
82 100

95 6.9 5.4 8.2

138 19.1 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: 51.523 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

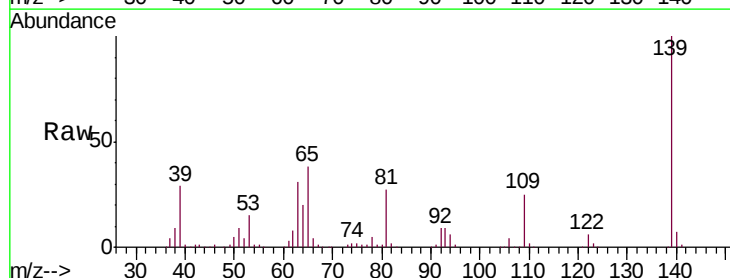
Tgt Ion: 139 Resp: 415956

Ion Ratio Lower Upper

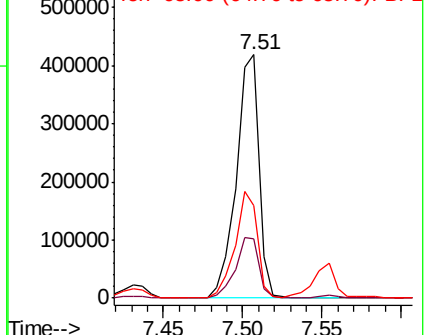
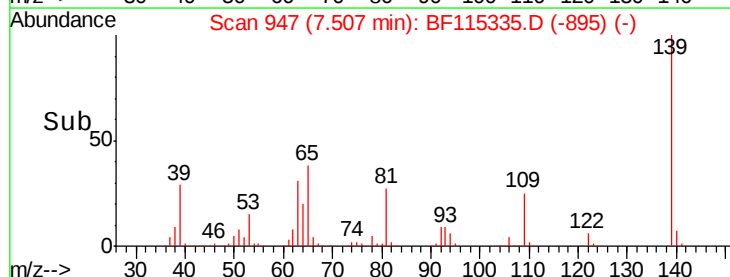
139 100

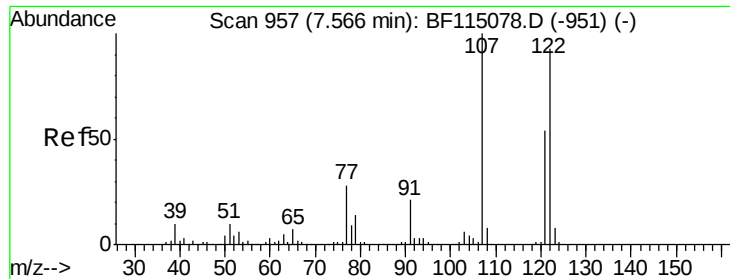
109 24.5 20.4 30.6

65 38.0 33.6 50.4



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

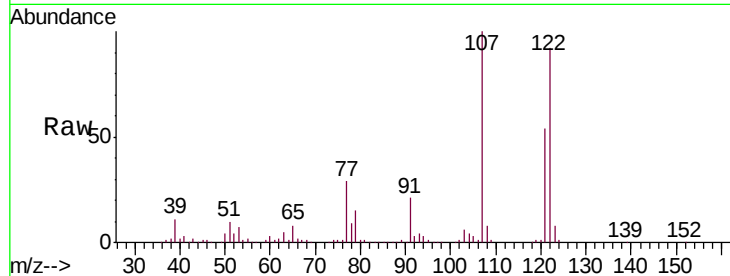




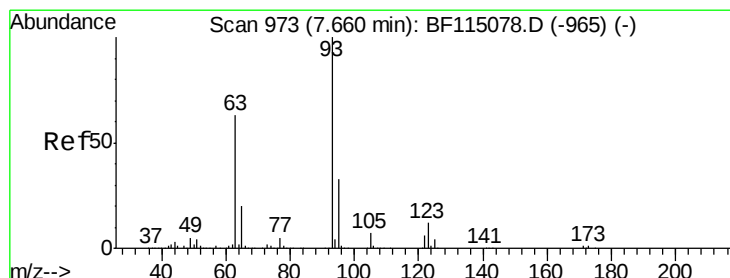
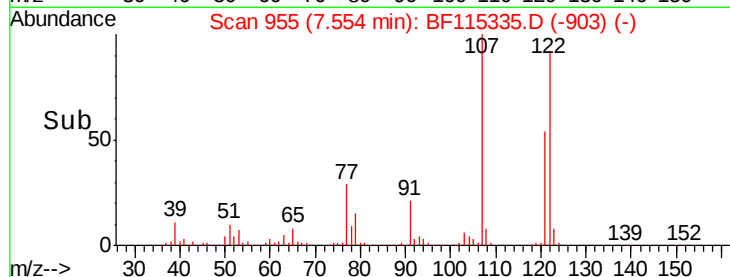
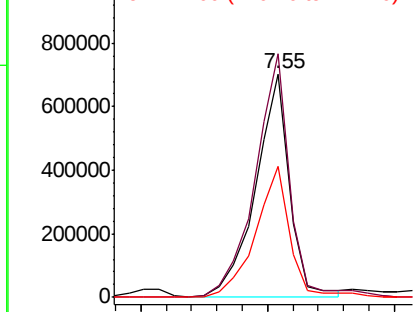
#27
2,4-Dimethylphenol
Concen: 49.699 ng
RT: 7.55 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:122 Resp: 656937
Ion Ratio Lower Upper
122 100
107 109.1 85.8 128.6
121 58.7 46.3 69.5

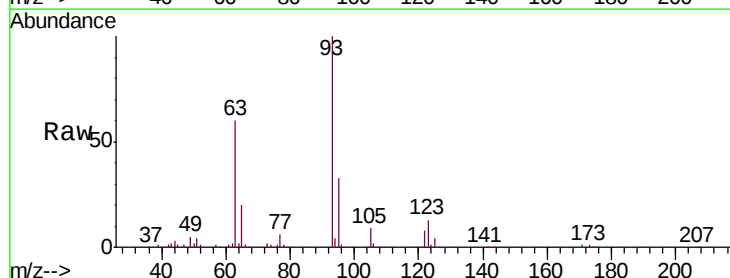


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

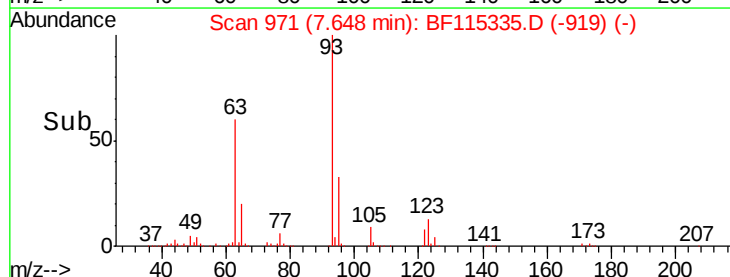
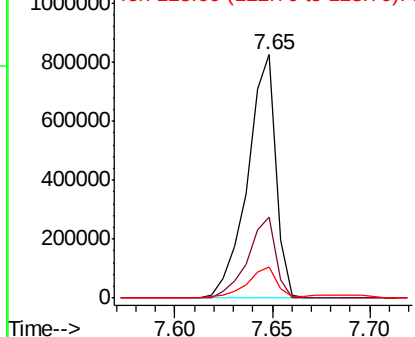


#28
bis(2-Chloroethoxy)methane
Concen: 43.307 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 93 Resp: 832069
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.4
123 12.9 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

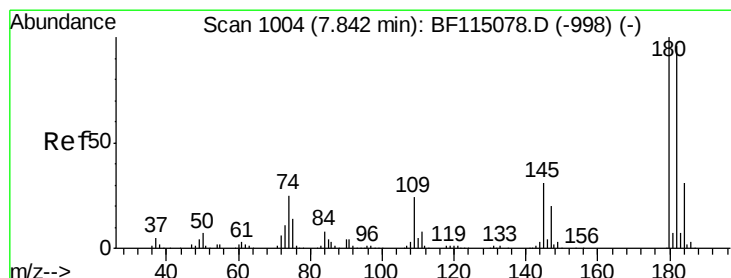
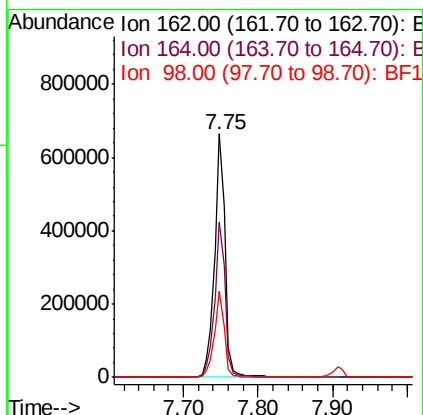
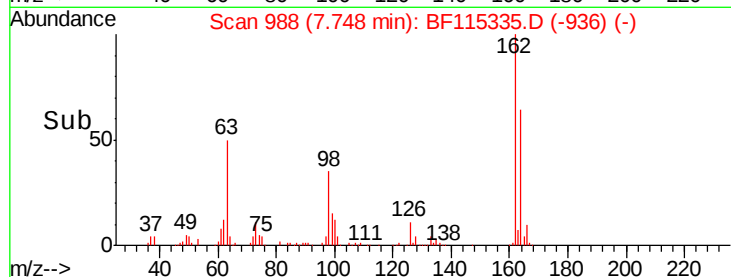
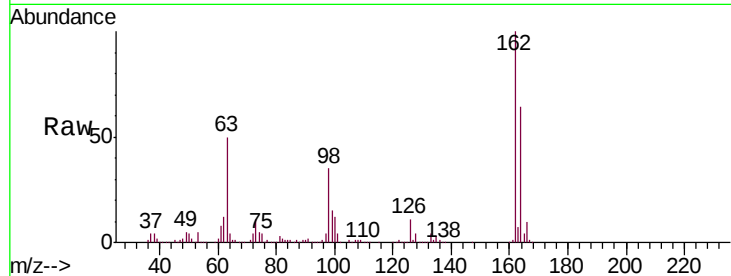




#29
2,4-Dichlorophenol
Concen: 46.977 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

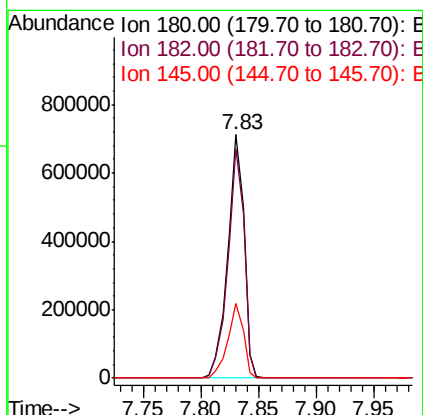
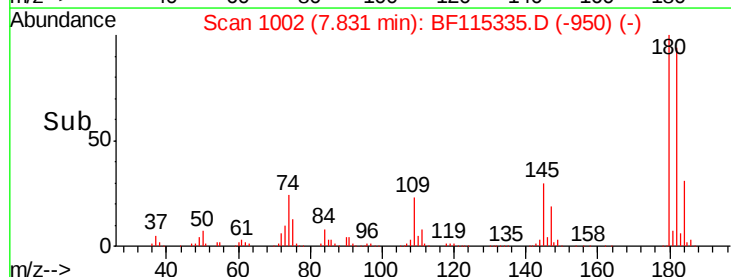
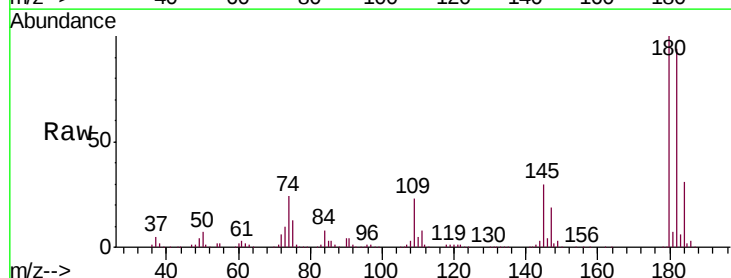
Instrument :
BNA_F
ClientSampleId :
PB120926BS

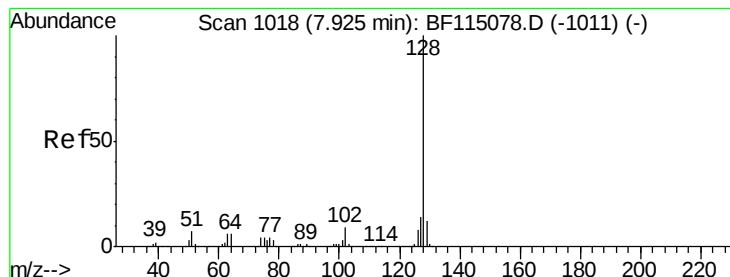
Tgt Ion:162 Resp: 640821
Ion Ratio Lower Upper
162 100
164 64.0 45.3 85.3
98 35.4 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 46.048 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:180 Resp: 693839
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 30.4 24.8 37.2





#31

Naphthalene

Concen: 46.253 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

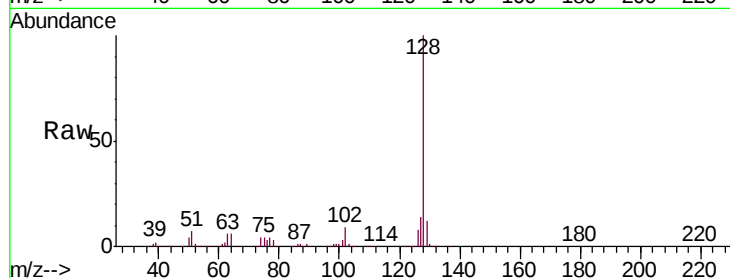
Tgt Ion:128 Resp: 2072541

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

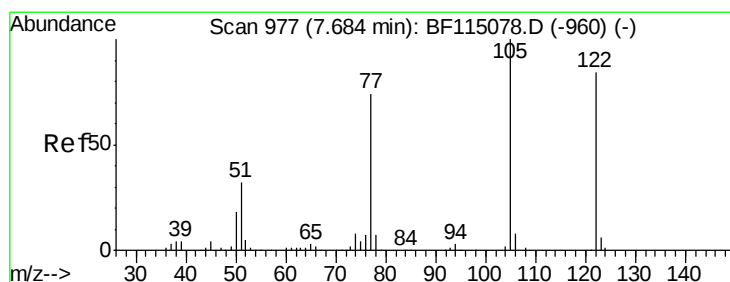
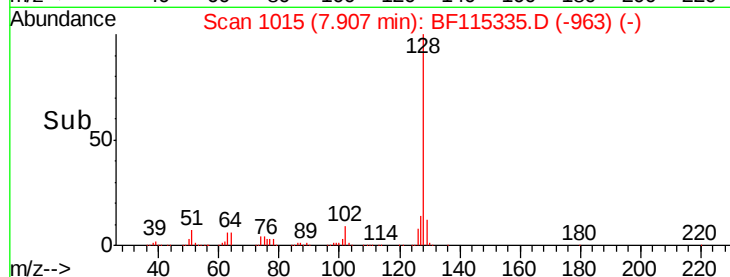
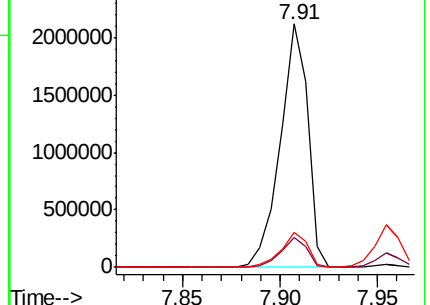
127 14.1 11.4 17.0



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: 51.292 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

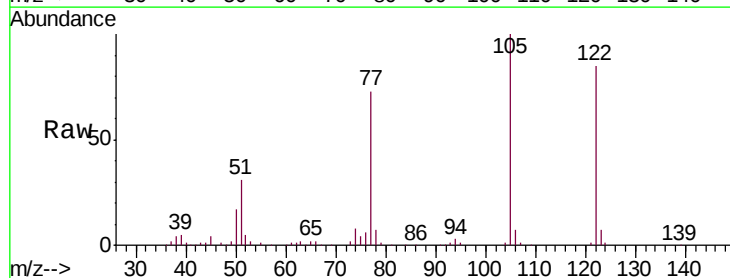
Tgt Ion:122 Resp: 483962

Ion Ratio Lower Upper

122 100

105 117.4 98.2 138.2

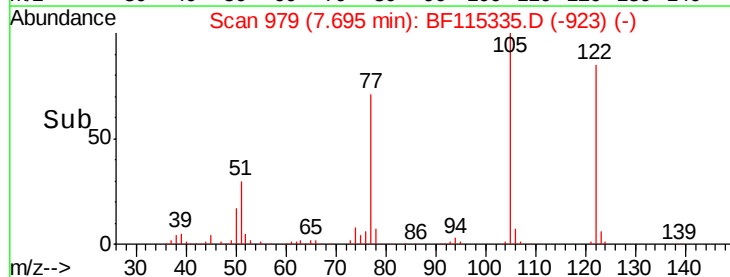
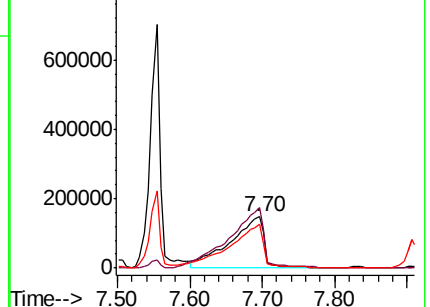
77 85.3 67.0 107.0



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

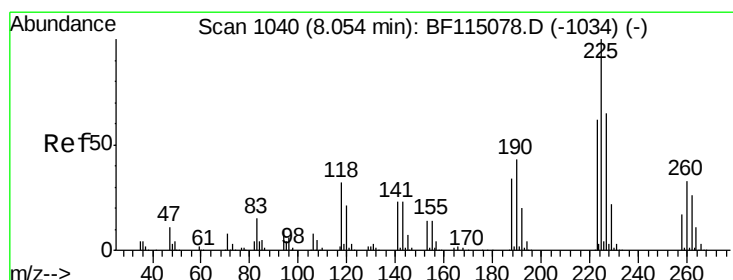
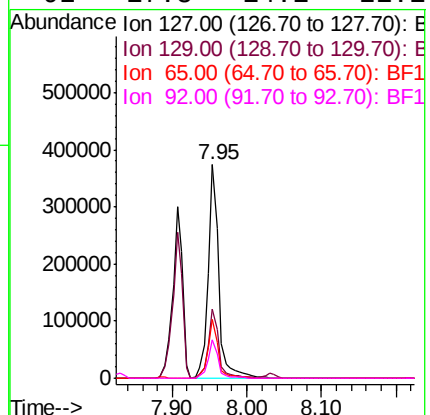
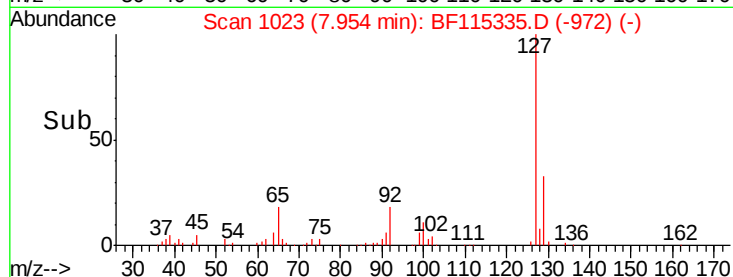
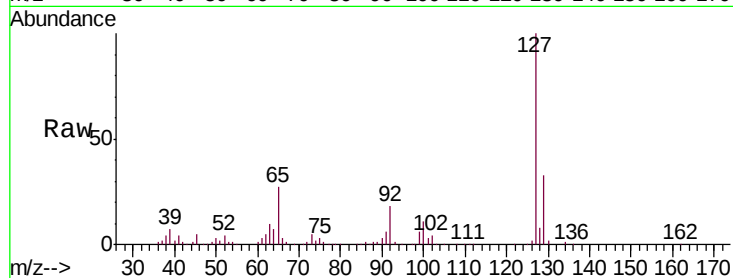




#33
4-Chloroaniline
Concen: 18.332 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

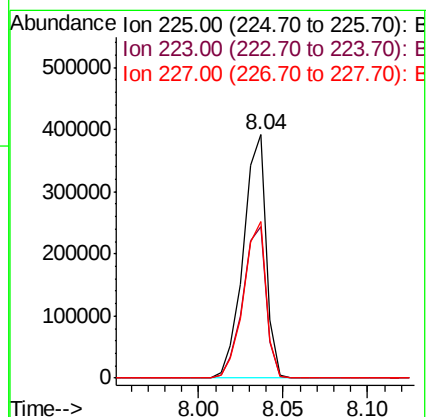
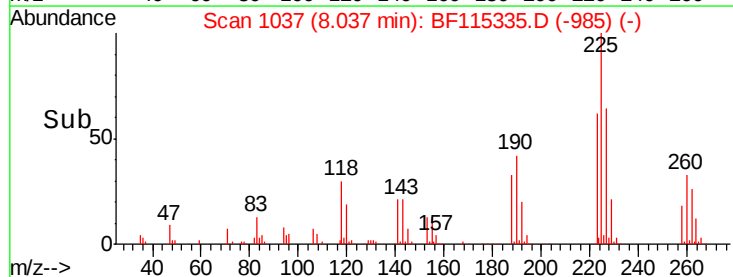
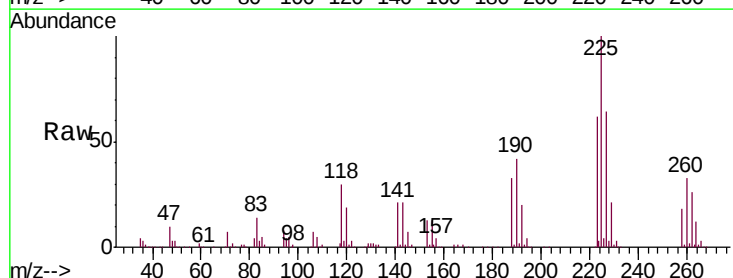
Instrument :
BNA_F
ClientSampleId :
PB120926BS

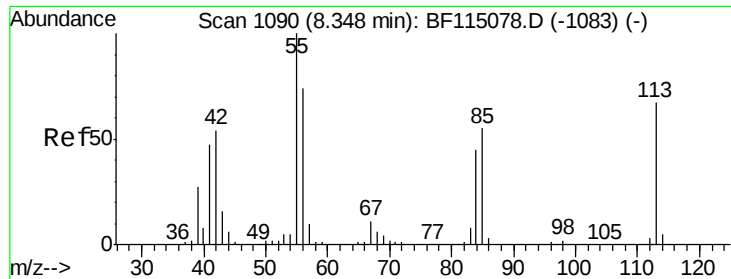
Tgt Ion:	127	Resp:	375405
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.4	21.4	32.2
92	17.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.776 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:	225	Resp:	369721
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	64.4	51.8	77.8

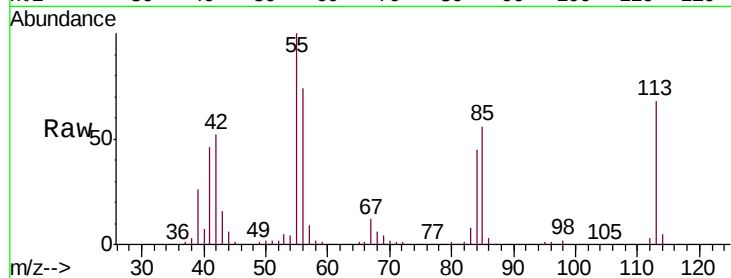




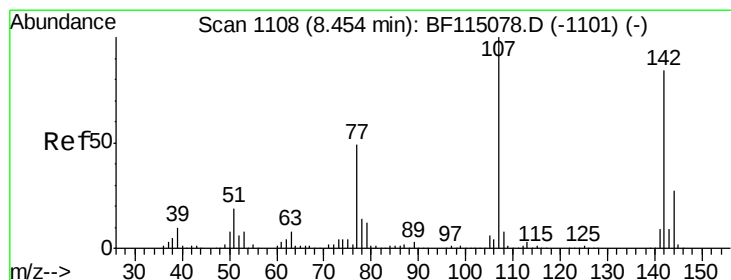
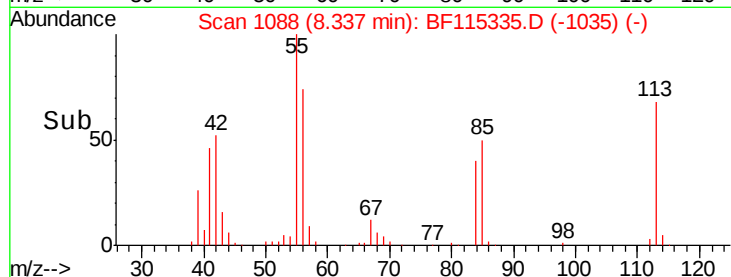
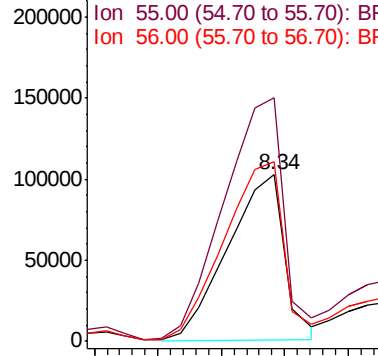
#35
 Caprolactam
 Concen: 27.825 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion:113 Resp: 127615
 Ion Ratio Lower Upper
 113 100
 55 146.3 130.2 170.2
 56 107.8 91.6 131.6

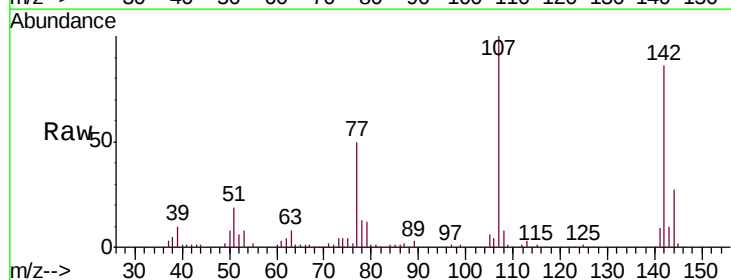


Abundance Ion 113.00 (112.70 to 113.70): E
 200000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

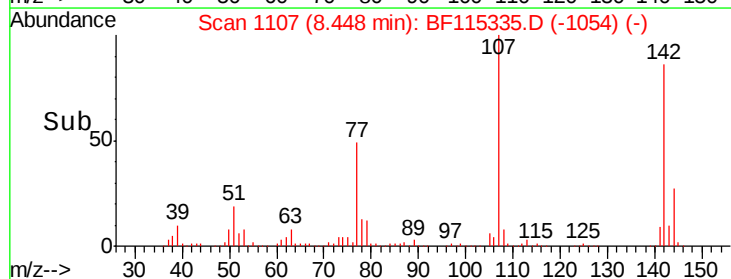
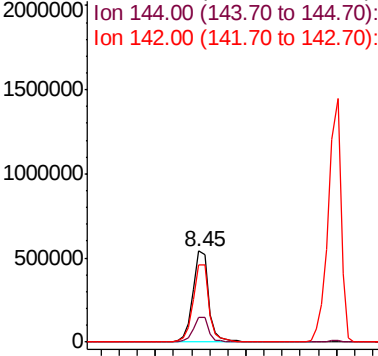


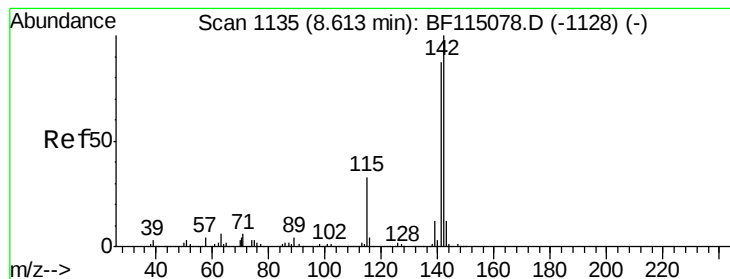
#36
 4-Chloro-3-methylphenol
 Concen: 46.692 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:107 Resp: 645035
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.7 32.5
 142 85.5 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 2000000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.156 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

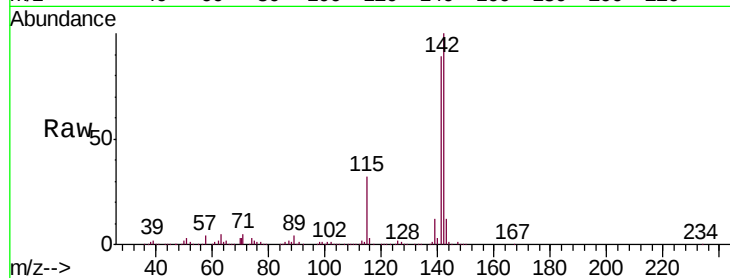
Tgt Ion:142 Resp: 1394464

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.6

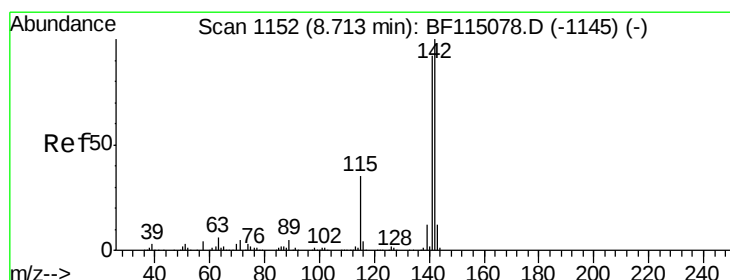
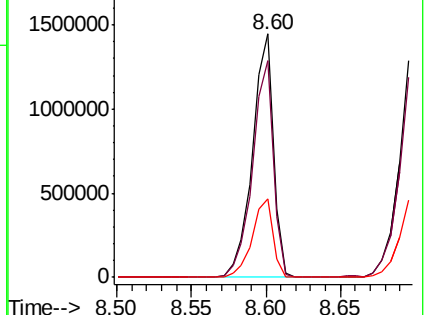
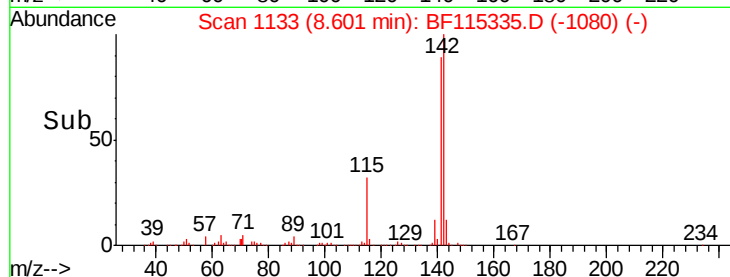
115 32.3 26.7 40.1



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: 45.929 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

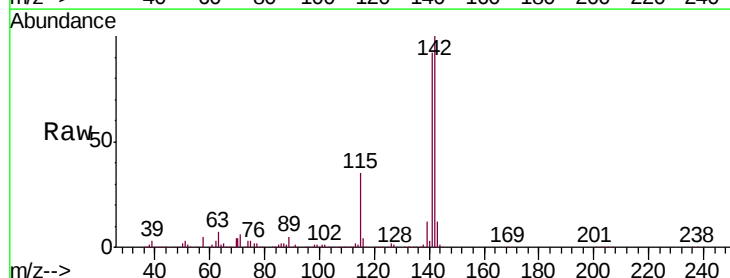
Tgt Ion:142 Resp: 1325268

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.8

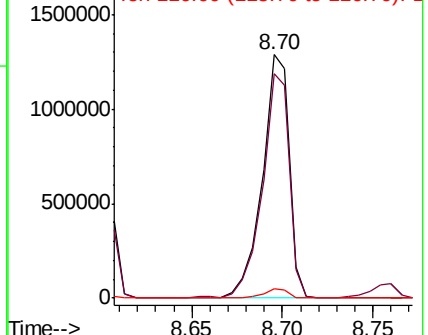
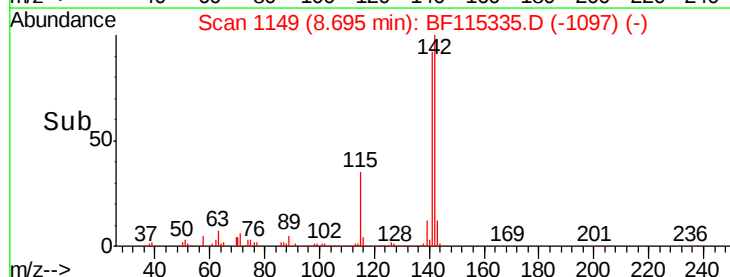
116 3.7 2.8 4.2

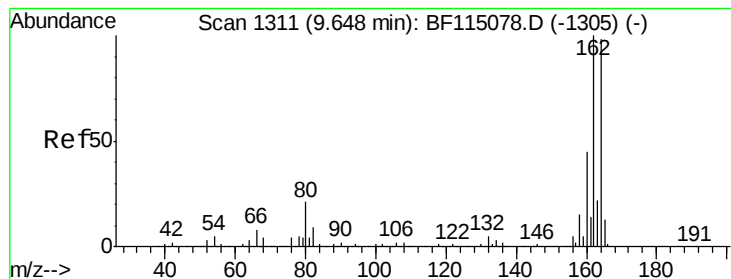


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

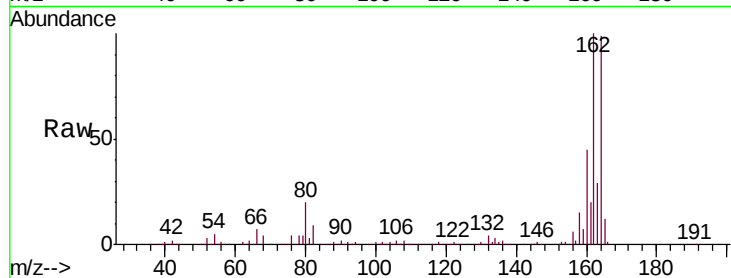
Tgt Ion:164 Resp: 441281

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

160 45.5 37.0 55.4

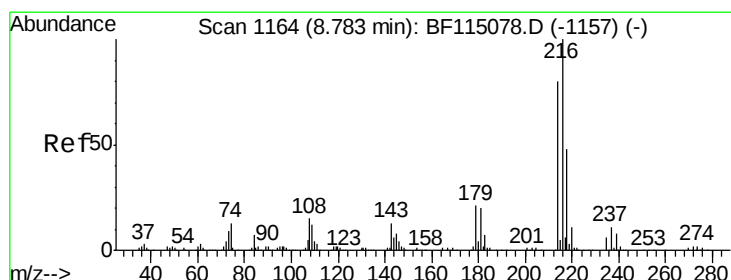
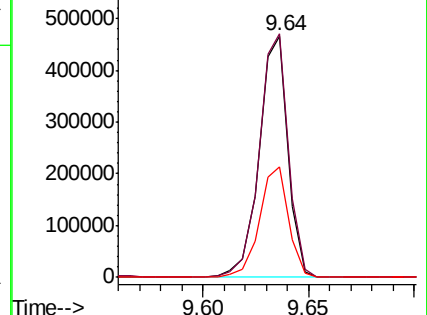
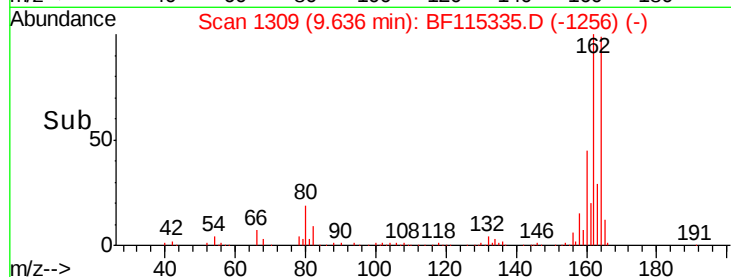


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.071 ng

RT: 8.77 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:216 Resp: 611909

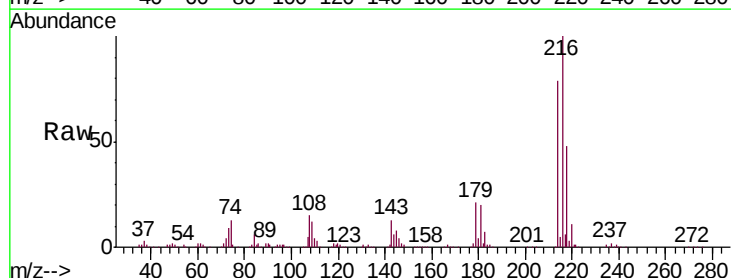
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.1 17.6 26.4

108 20.2 15.7 23.5



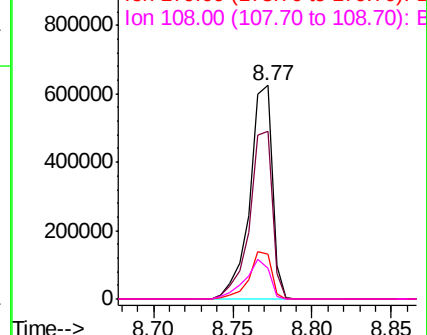
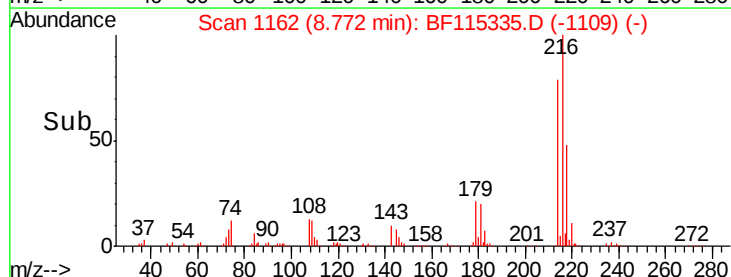
Abundance

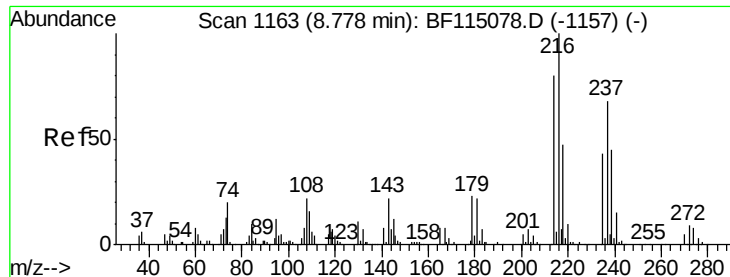
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.235 ng

RT: 8.76 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

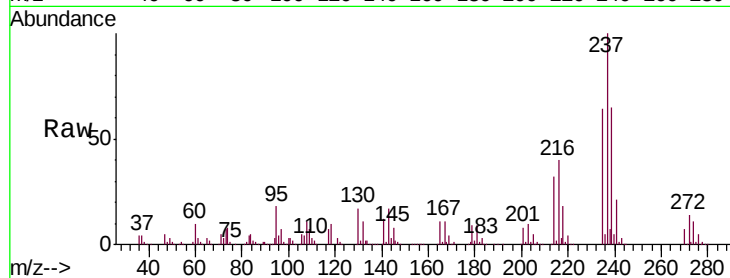
Tgt Ion: 237 Resp: 615455

Ion Ratio Lower Upper

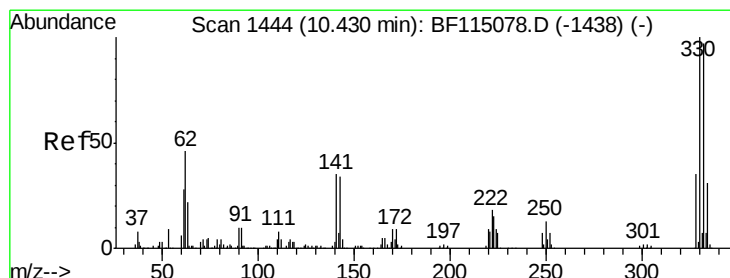
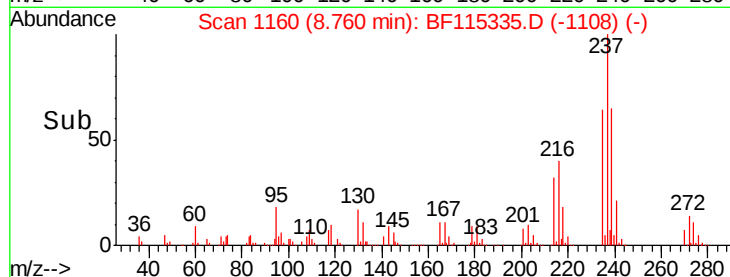
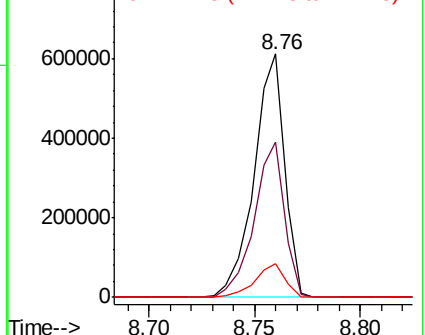
237 100

235 63.7 43.9 83.9

272 13.7 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 136.952 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

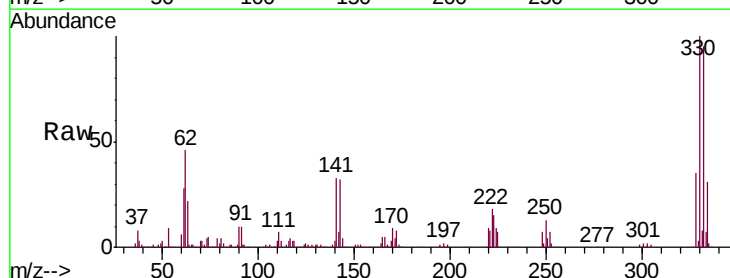
Tgt Ion: 330 Resp: 637300

Ion Ratio Lower Upper

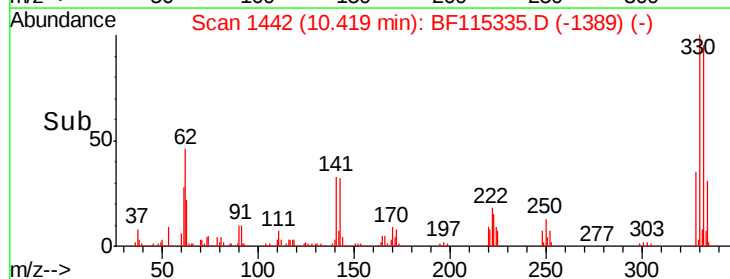
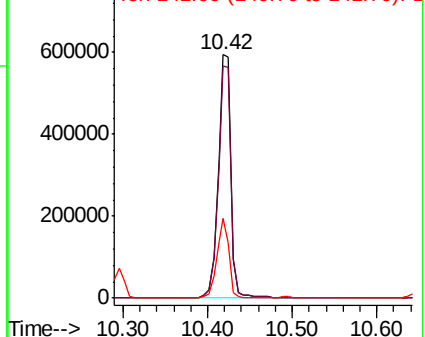
330 100

332 96.1 77.3 115.9

141 31.4 28.2 42.2



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

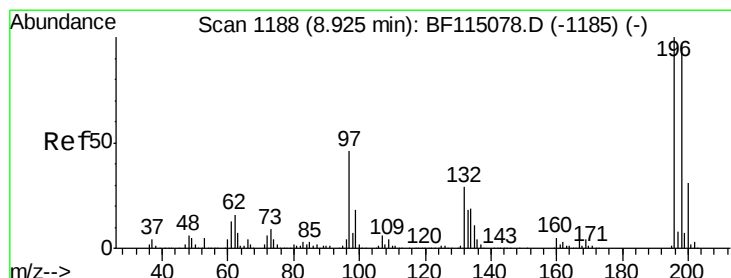
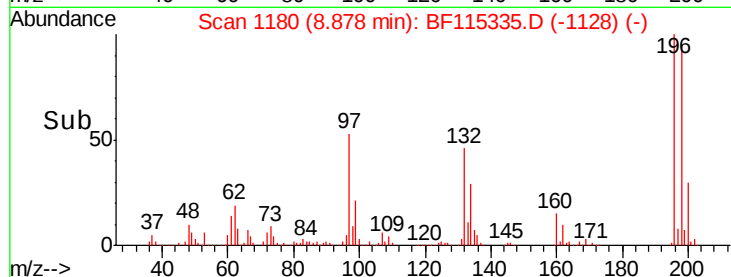
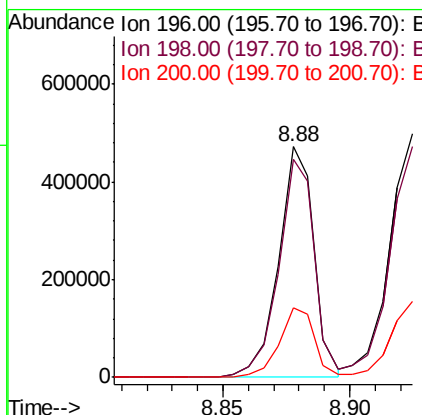
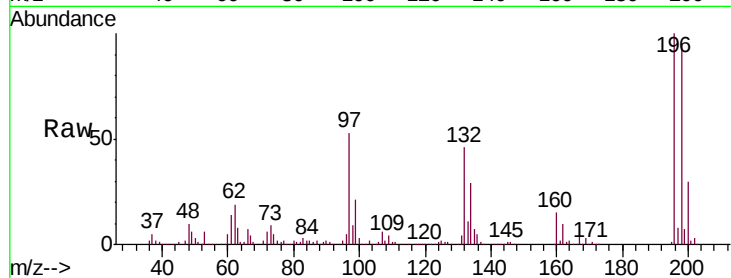




#43
 2,4,6-Trichlorophenol
 Concen: 47.723 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

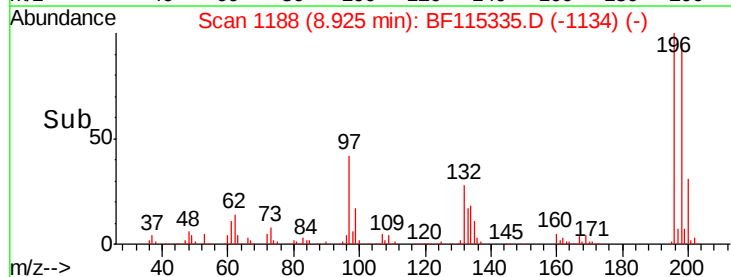
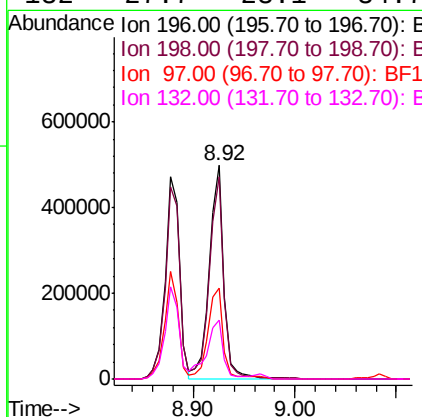
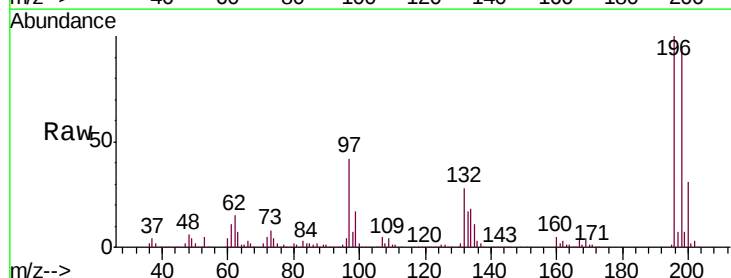
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

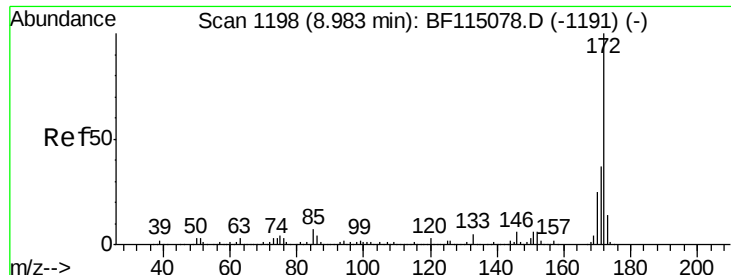
Tgt Ion:196 Resp: 459435
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 49.866 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:196 Resp: 494378
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.1 115.7
 97 42.4 37.7 56.5
 132 27.7 23.1 34.7

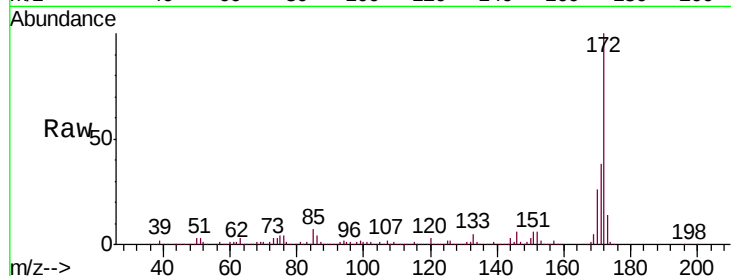




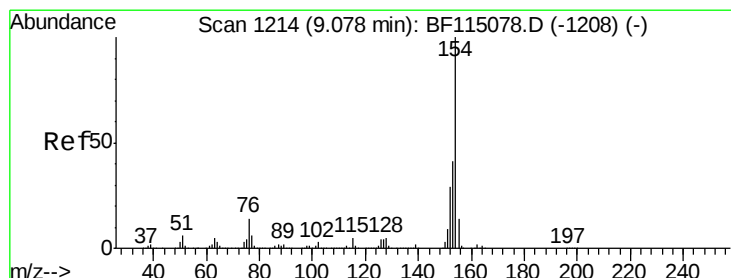
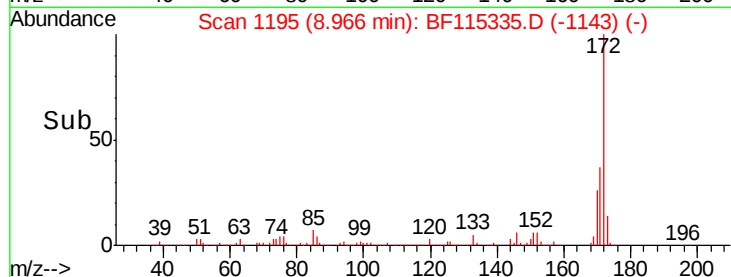
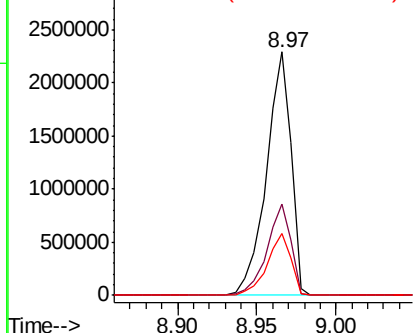
#45
 2-Fluorobiphenyl
 Concen: 95.849 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion:172 Resp: 2490031
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.6 20.3 30.5

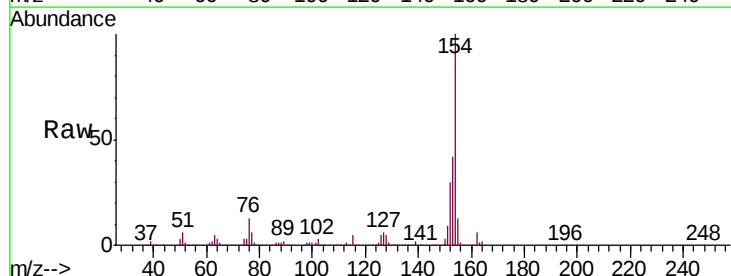


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

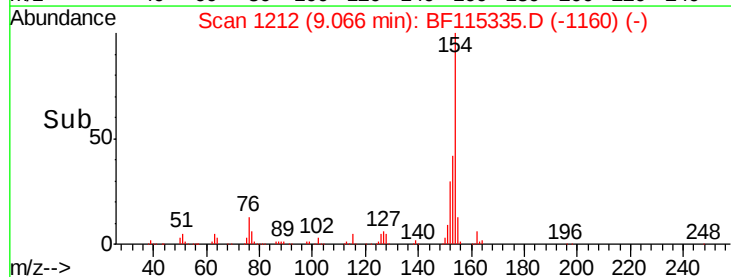
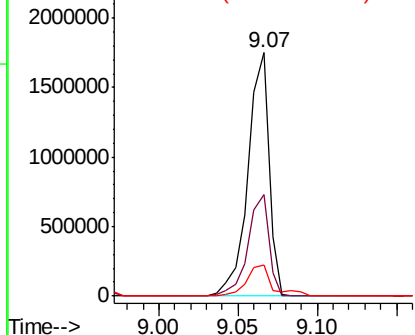


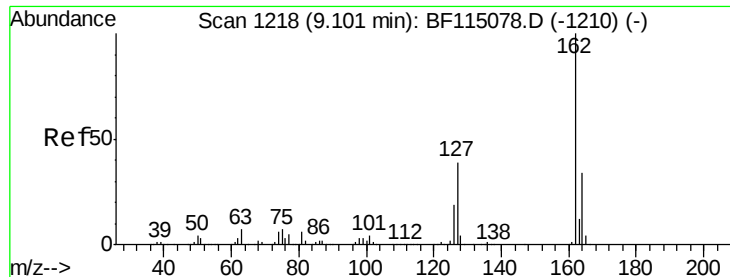
#46
 1,1'-Biphenyl
 Concen: 45.549 ng
 RT: 9.07 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:154 Resp: 1608279
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.9 60.9
 76 12.8 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

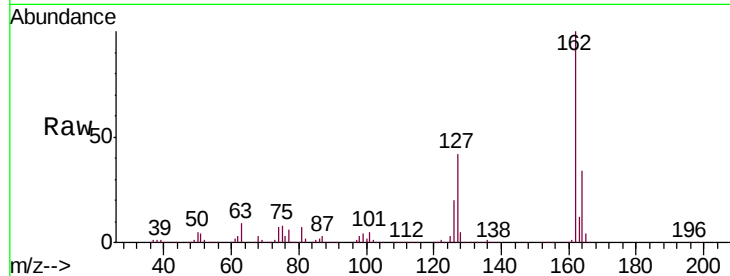




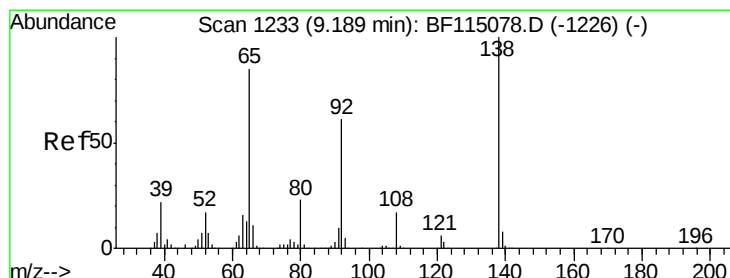
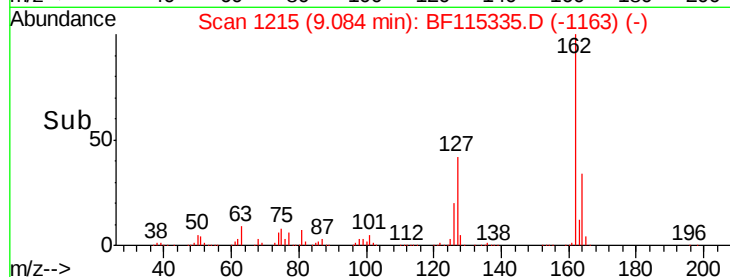
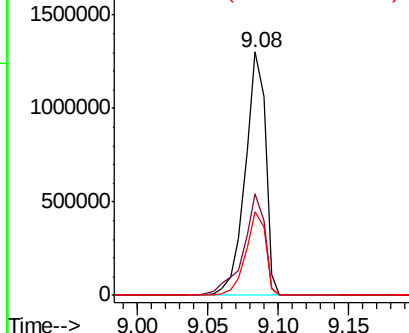
#47
2-Chloronaphthalene
Concen: 45.683 ng
RT: 9.08 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion: 162 Resp: 1308397
Ion Ratio Lower Upper
162 100
127 41.9 30.8 46.2
164 34.2 27.0 40.4

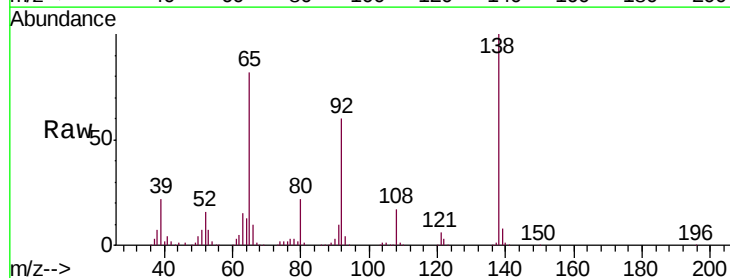


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

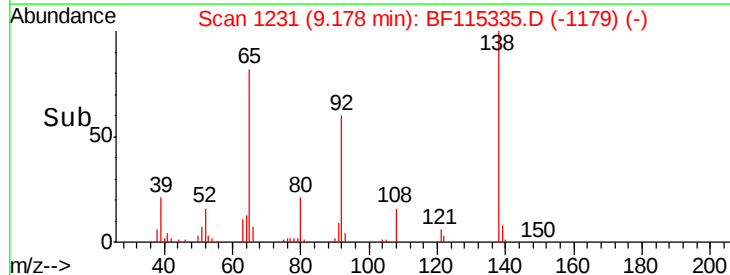
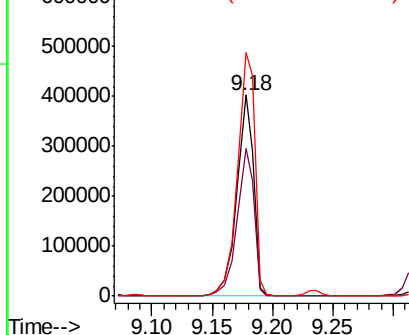


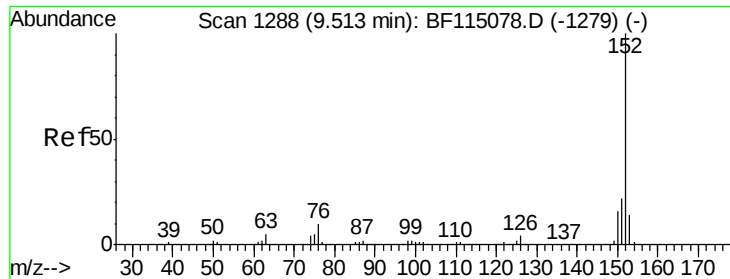
#48
2-Nitroaniline
Concen: 46.764 ng
RT: 9.18 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 65 Resp: 390477
Ion Ratio Lower Upper
65 100
92 73.3 57.4 86.2
138 121.3 94.1 141.1



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





#49

Acenaphthylene

Concen: 45.538 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

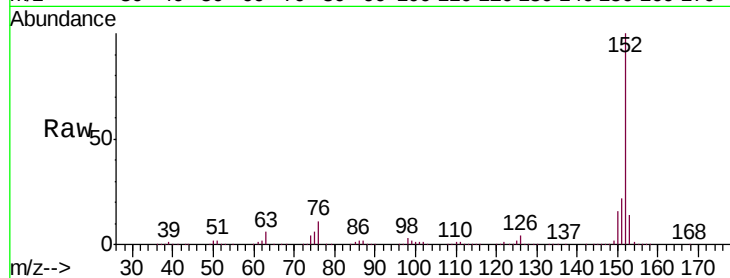
Tgt Ion:152 Resp: 2032039

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

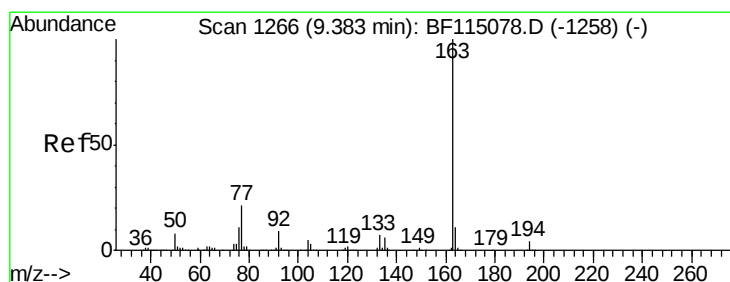
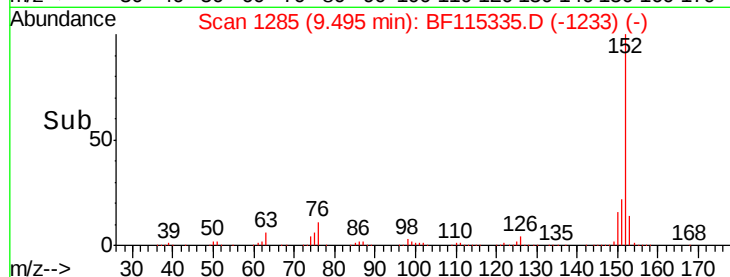
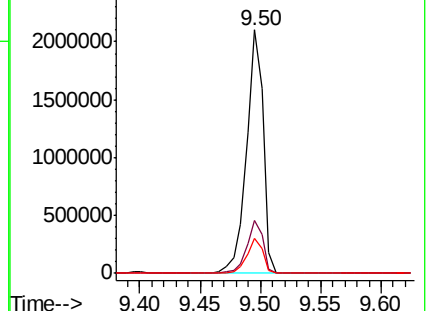
153 14.3 11.0 16.6



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: 45.916 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

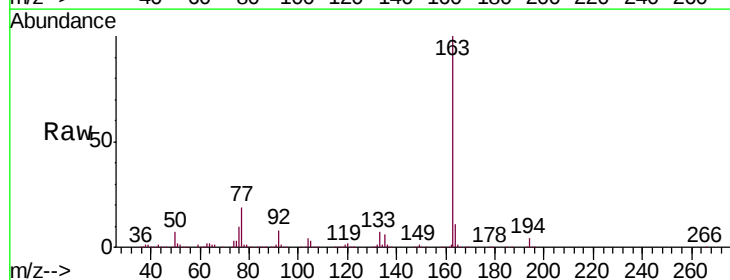
Tgt Ion:163 Resp: 1490724

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

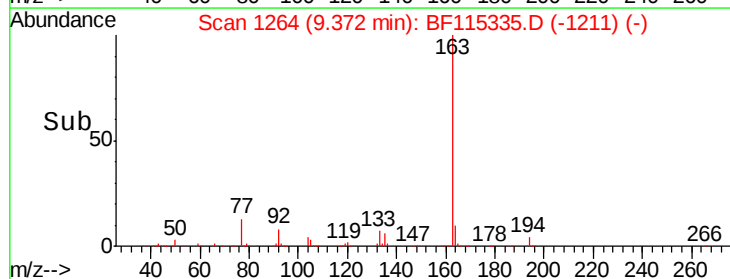
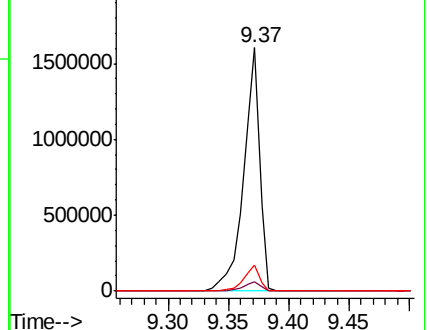
164 10.7 8.6 13.0

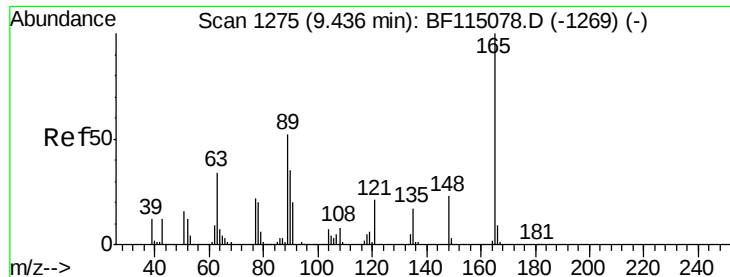


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.534 ng

RT: 9.42 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

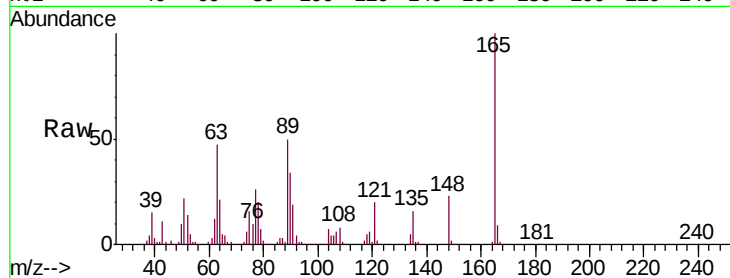
Tgt Ion:165 Resp: 356287

Ion Ratio Lower Upper

165 100

63 46.6 39.4 59.2

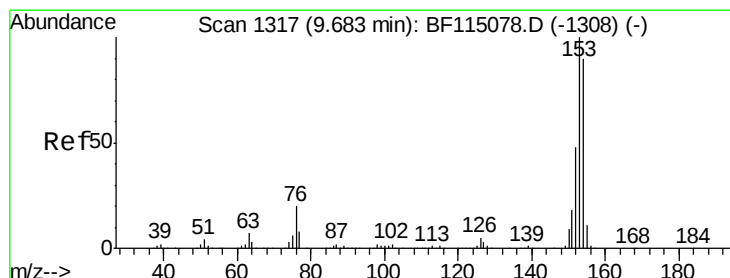
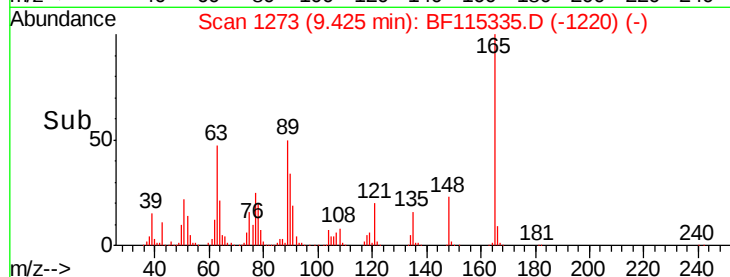
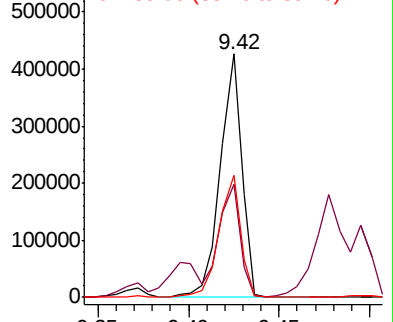
89 49.9 42.0 63.0



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: 42.231 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

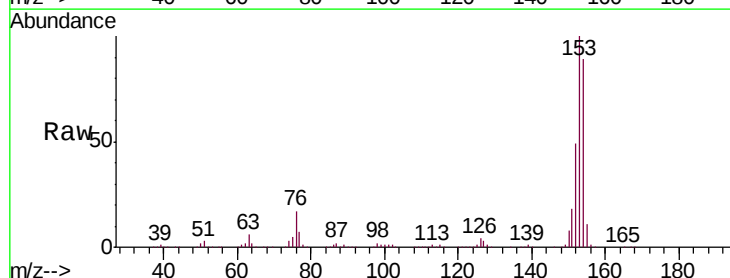
Tgt Ion:154 Resp: 1179209

Ion Ratio Lower Upper

154 100

153 112.4 88.7 133.1

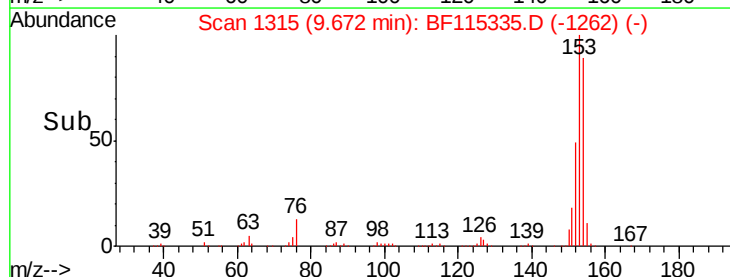
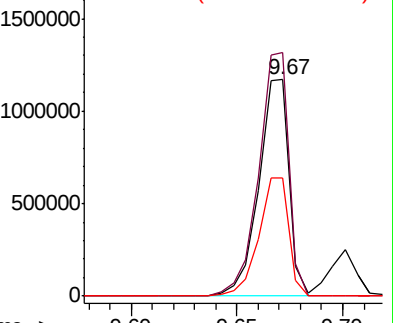
152 54.5 42.6 64.0

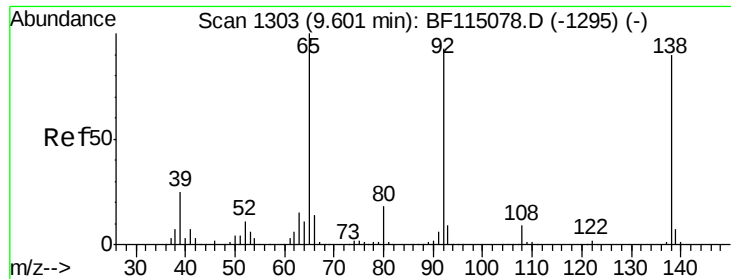


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

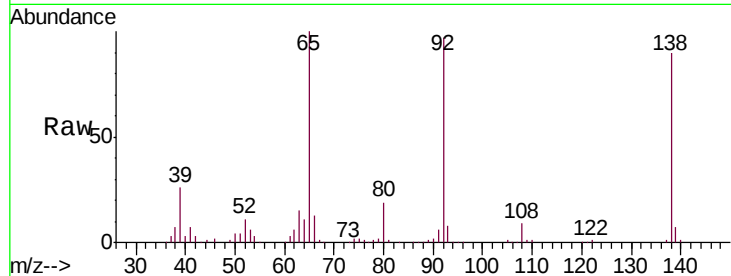




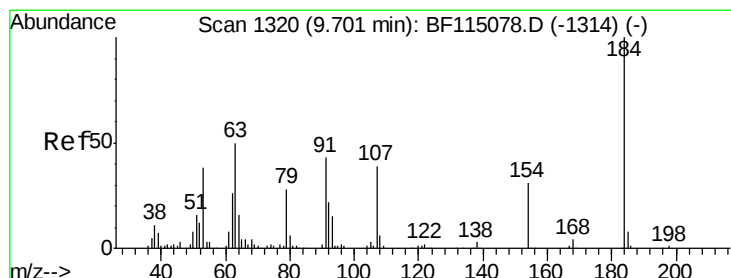
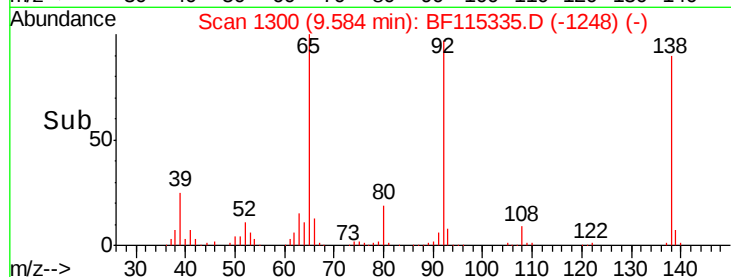
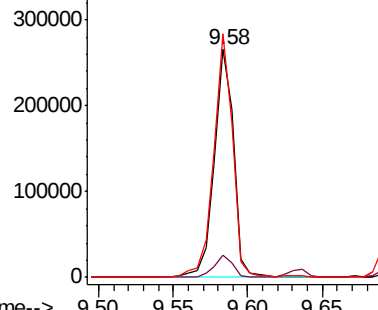
#53
 3-Nitroaniline
 Concen: 26.063 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion:138 Resp: 238392
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.8 11.6
 92 106.8 82.9 124.3

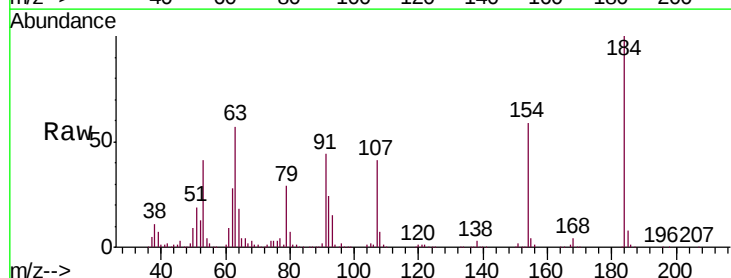


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

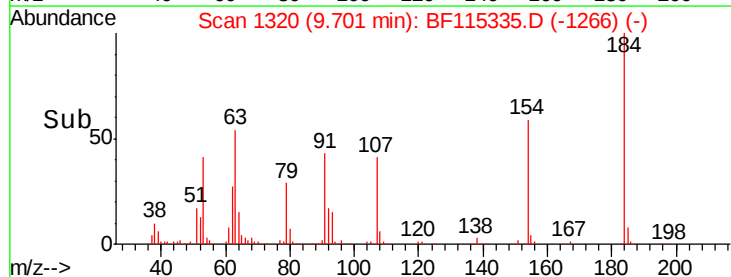
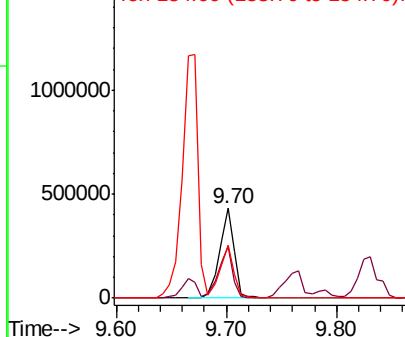


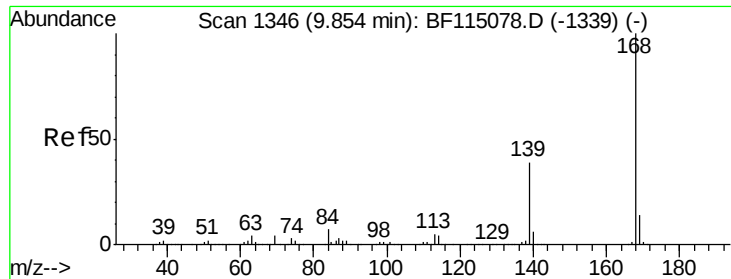
#54
 2,4-Dinitrophenol
 Concen: 100.796 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:184 Resp: 396866
 Ion Ratio Lower Upper
 184 100
 63 57.5 41.9 62.9
 154 58.7 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

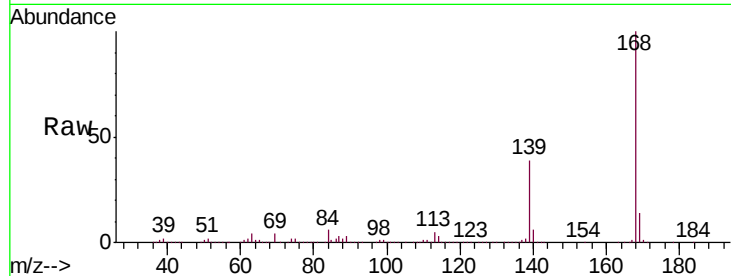




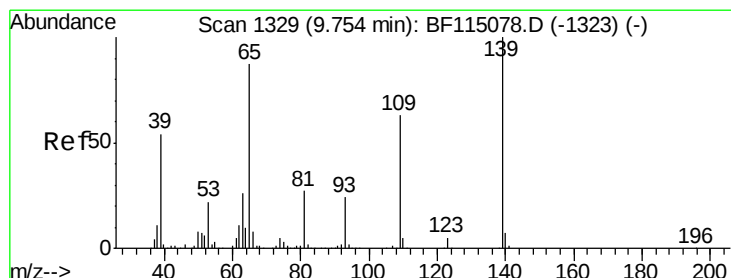
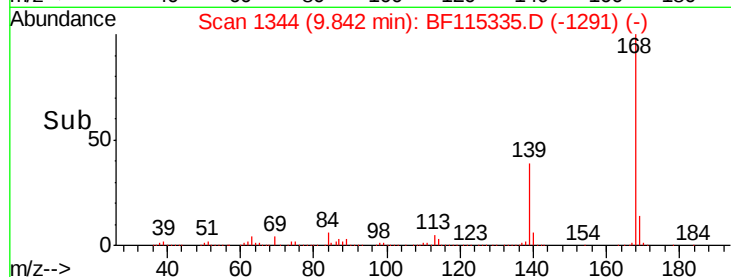
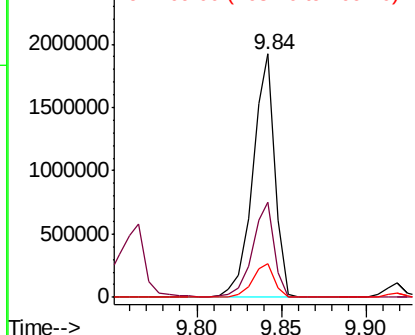
#55
Dibenzofuran
Concen: 43.723 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:168 Resp: 1752297
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.0 11.3 16.9

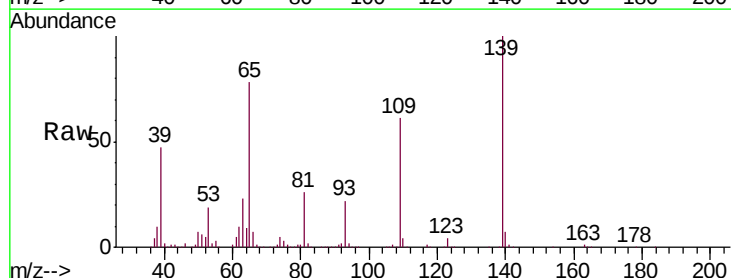


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

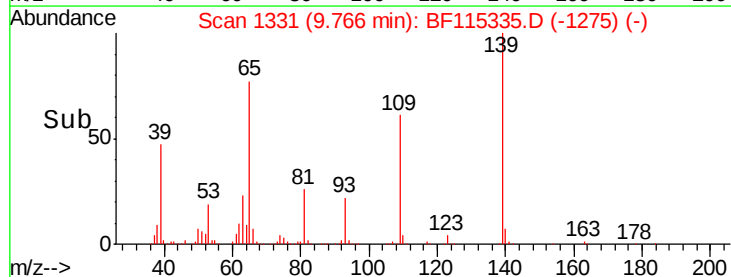
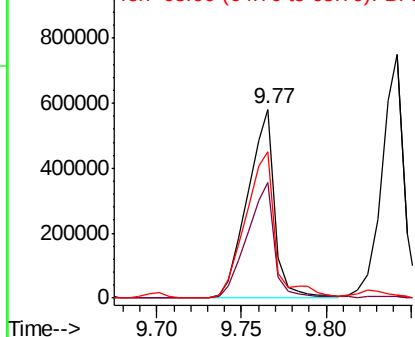


#56
4-Nitrophenol
Concen: 89.653 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.03 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:139 Resp: 657427
Ion Ratio Lower Upper
139 100
109 61.2 43.0 83.0
65 77.5 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

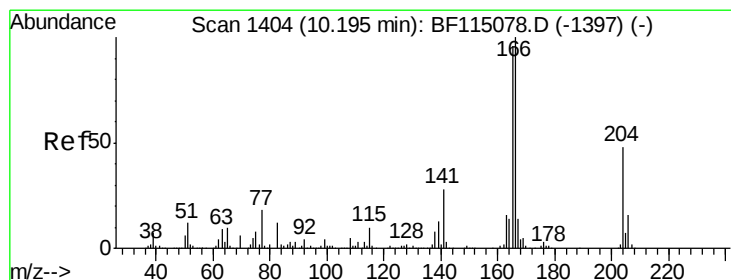
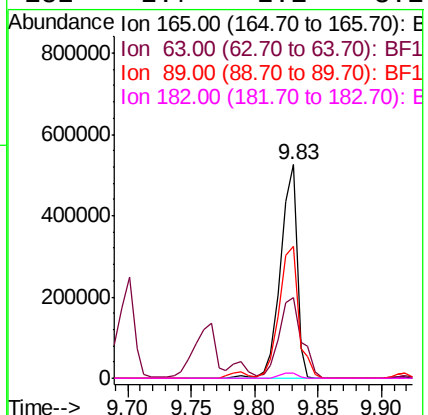
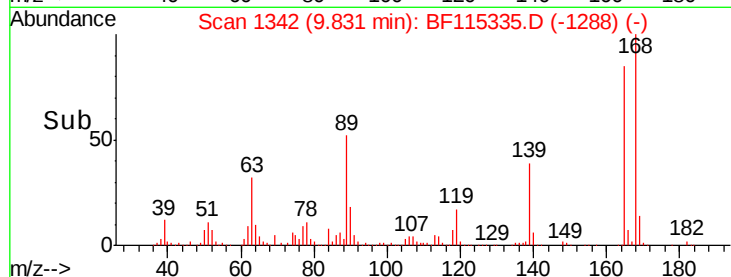
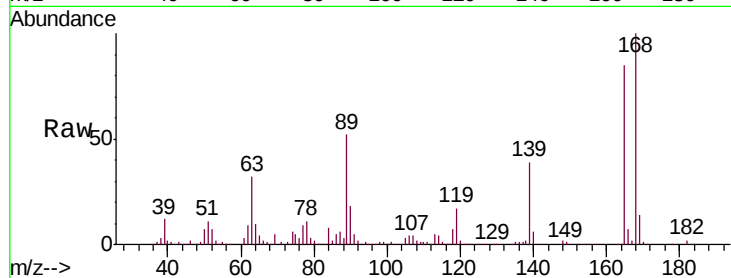




#57
2,4-Dinitrotoluene
Concen: 48.804 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

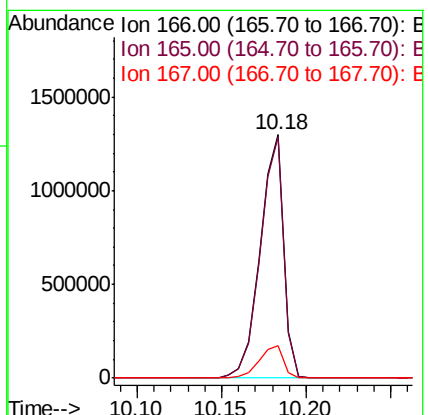
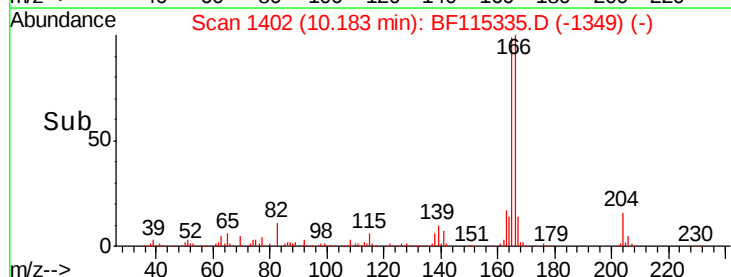
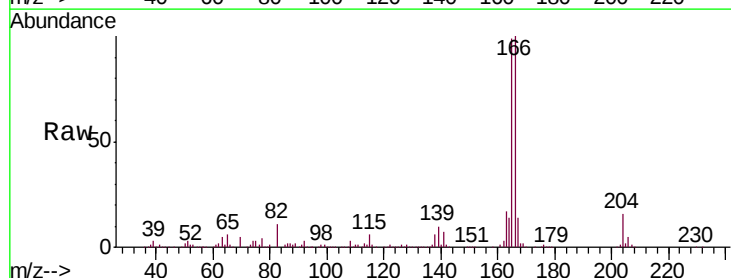
Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:	165	Resp:	472329
Ion	Ratio	Lower	Upper
165	100		
63	37.6	27.5	41.3
89	61.6	49.9	74.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 47.019 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:	166	Resp:	1246720
Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.5	114.7
167	13.5	11.0	16.4

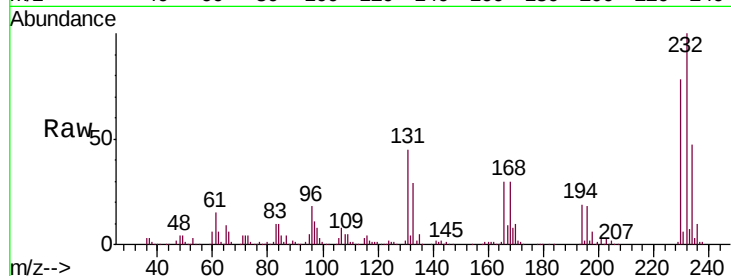




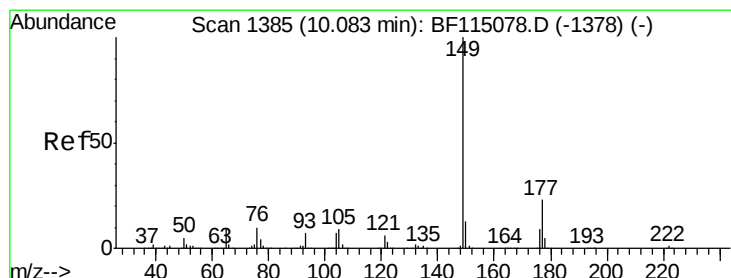
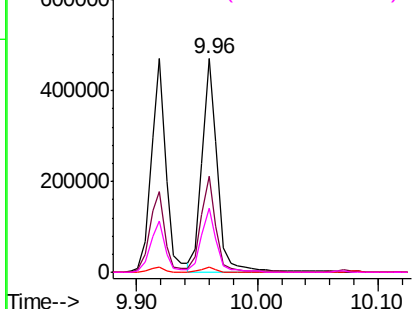
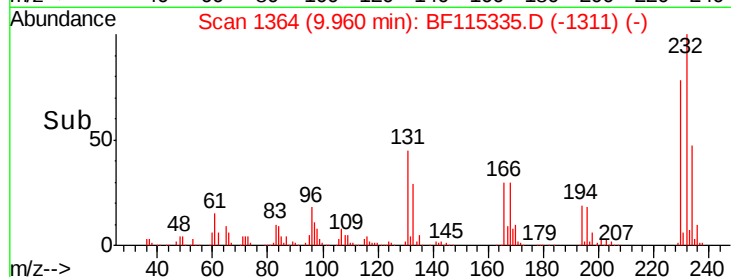
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.839 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion: 232 Resp: 414323
 Ion Ratio Lower Upper
 232 100
 131 44.7 37.4 56.0
 130 2.2 1.8 2.6
 166 30.0 24.6 36.8

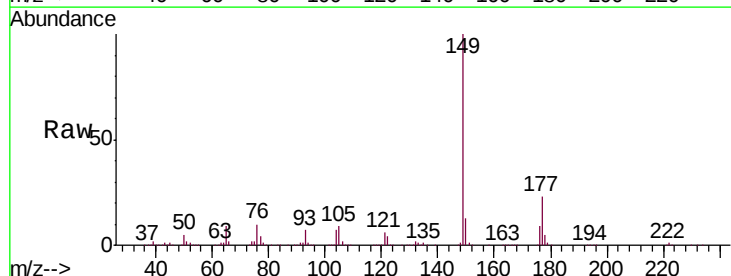


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

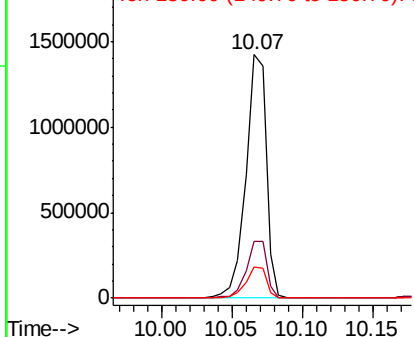
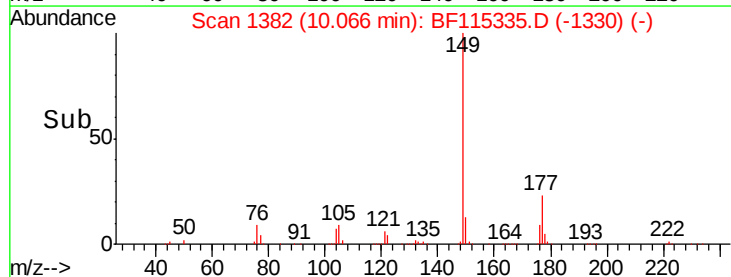


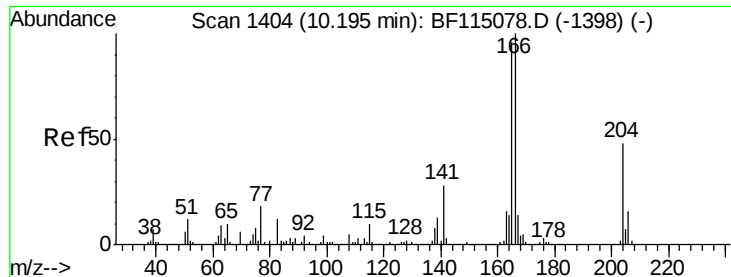
#60
 Diethylphthalate
 Concen: 44.369 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion: 149 Resp: 1447972
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.7 28.1
 150 12.9 10.4 15.6



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

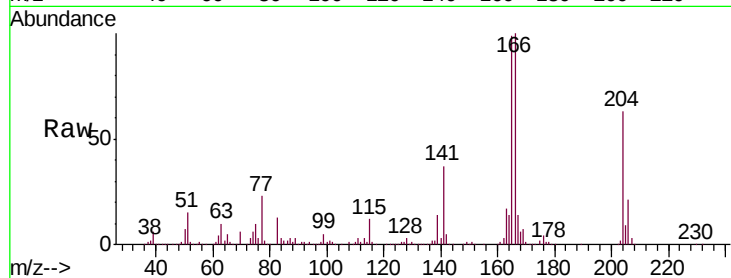




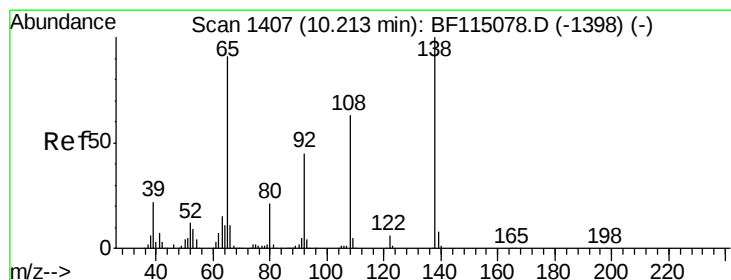
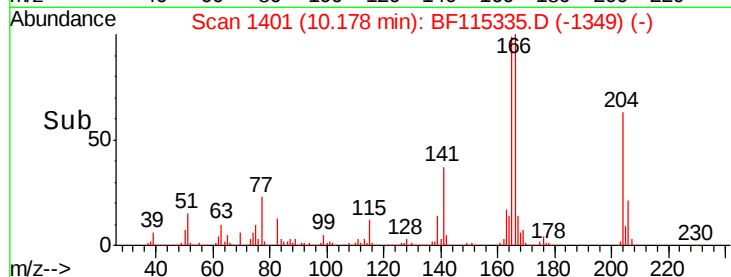
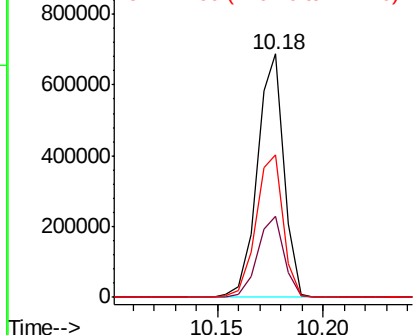
#61
 4-Chlorophenyl-phenylether
 Concen: 48.008 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion: 204 Resp: 602986
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 40.0
 141 58.6 46.7 70.1

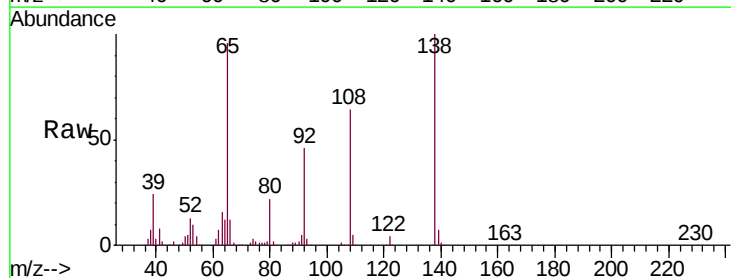


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

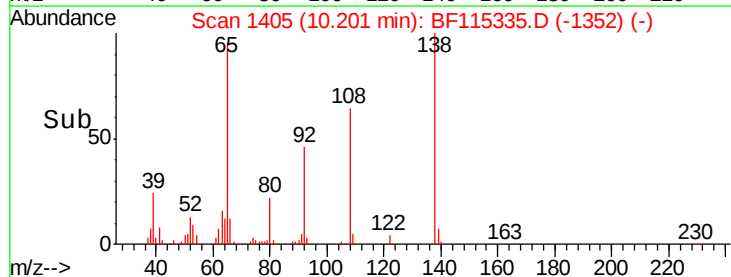
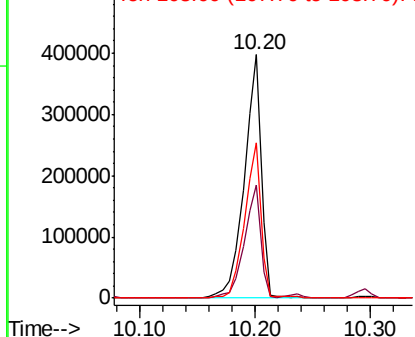


#62
 4-Nitroaniline
 Concen: 44.021 ng
 RT: 10.20 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion: 138 Resp: 403938
 Ion Ratio Lower Upper
 138 100
 92 46.4 24.8 64.8
 108 64.0 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

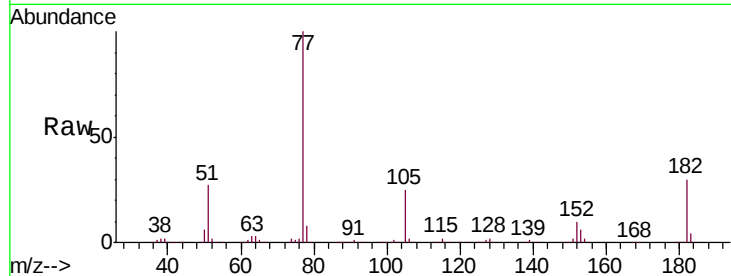




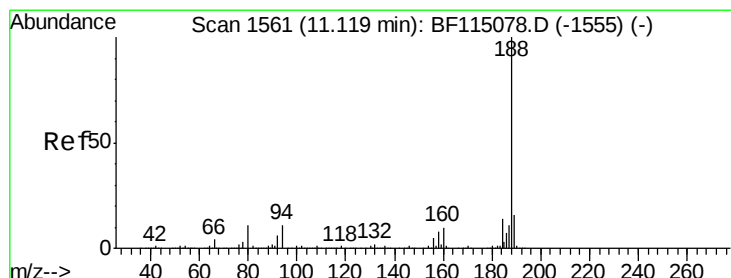
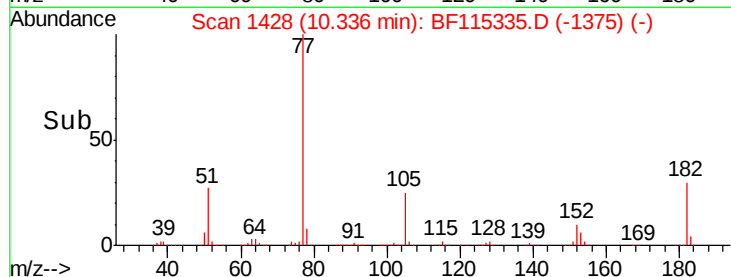
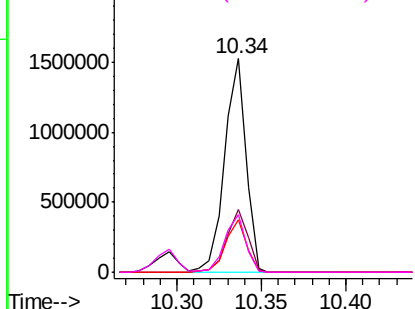
#63
Azobenzene
Concen: 43.714 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion: 77 Resp: 1332504
Ion Ratio Lower Upper
77 100
182 29.6 10.1 50.1
105 24.6 4.5 44.5
51 27.0 6.4 46.4

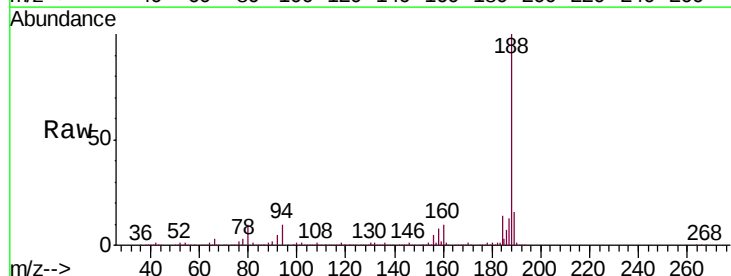


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

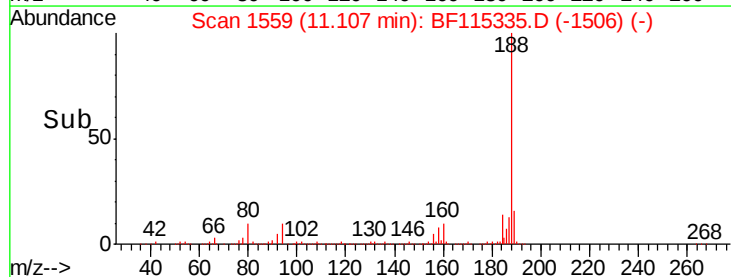
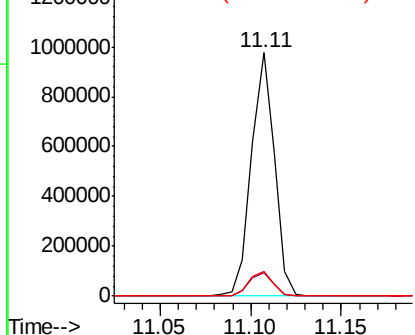


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 188 Resp: 865059
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.2 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

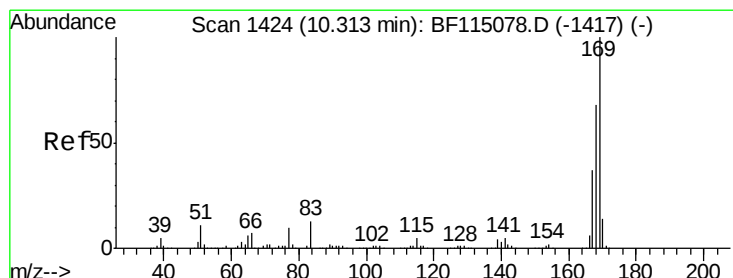
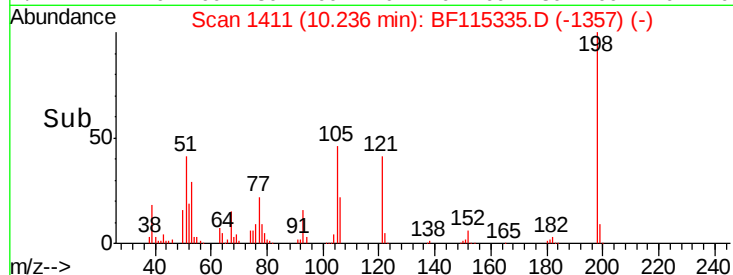
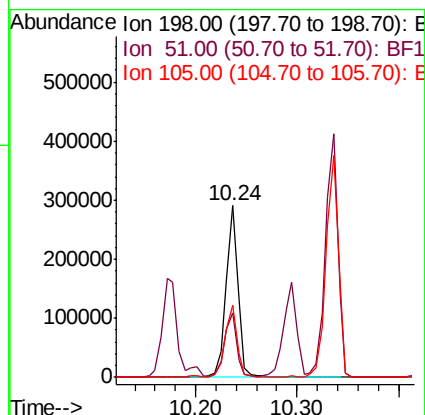
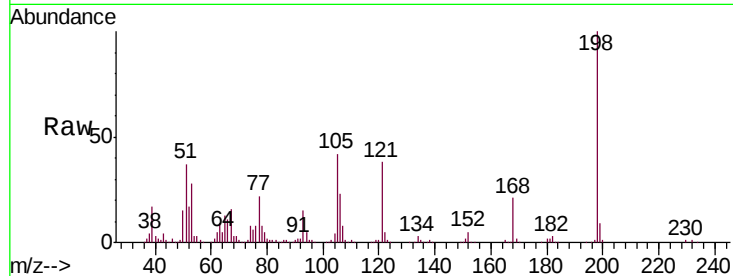




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.322 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.02 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

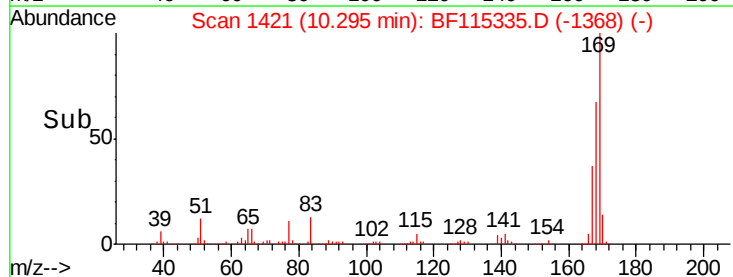
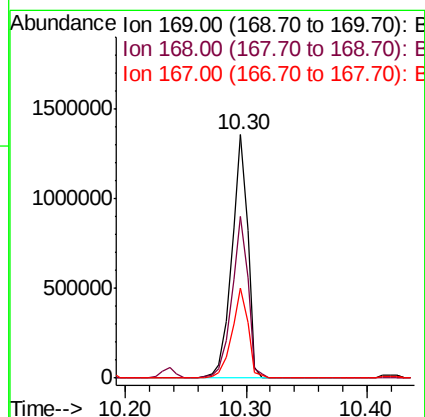
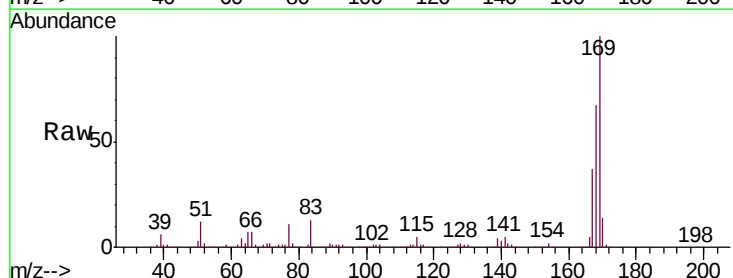
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion:198 Resp: 237990
 Ion Ratio Lower Upper
 198 100
 51 37.3 11.0 51.0
 105 42.2 17.3 57.3



#66
 n-Nitrosodiphenylamine
 Concen: 46.052 ng
 RT: 10.30 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:169 Resp: 1241135
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.2 81.4
 167 36.9 29.4 44.0

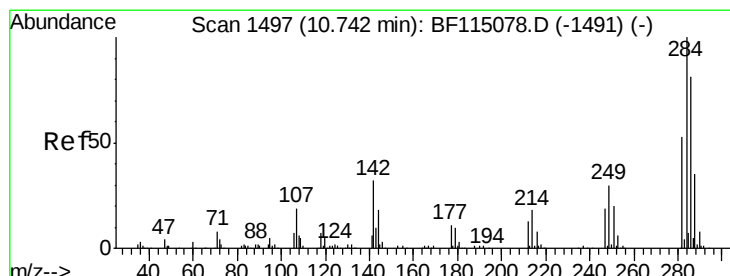
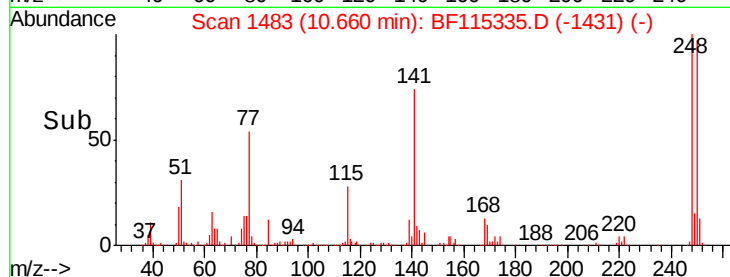
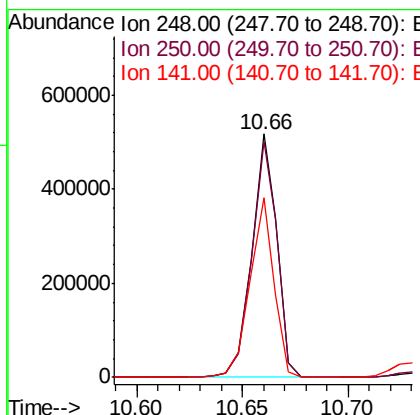
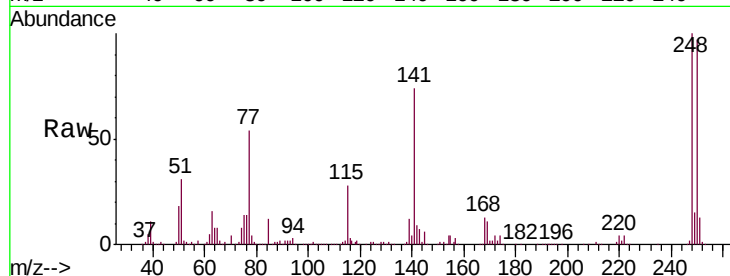




#67
 4-Bromophenyl-phenylether
 Concen: 45.315 ng
 RT: 10.66 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

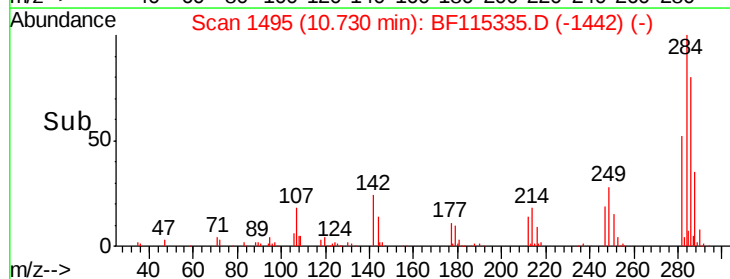
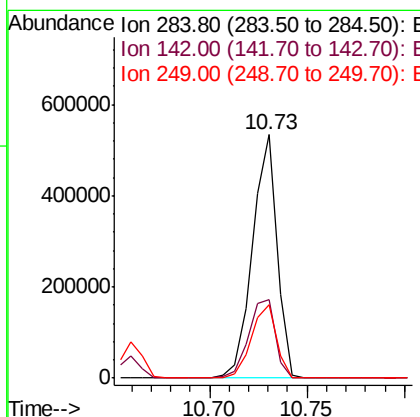
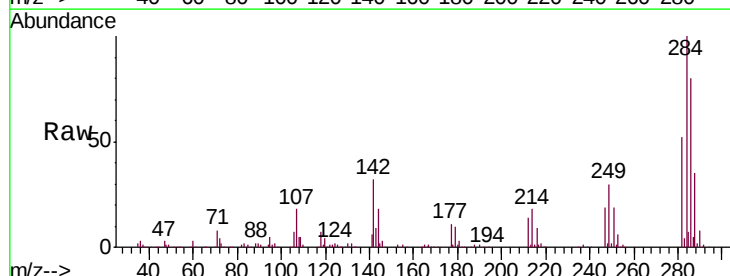
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tgt Ion:248 Resp: 425011
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.2 114.2
 141 73.7 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 45.874 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:284 Resp: 467013
 Ion Ratio Lower Upper
 284 100
 142 32.0 25.8 38.8
 249 30.3 24.2 36.4

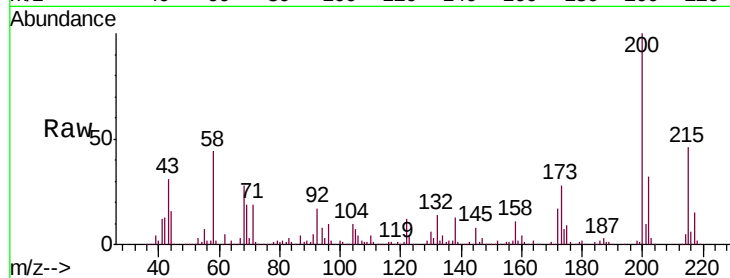




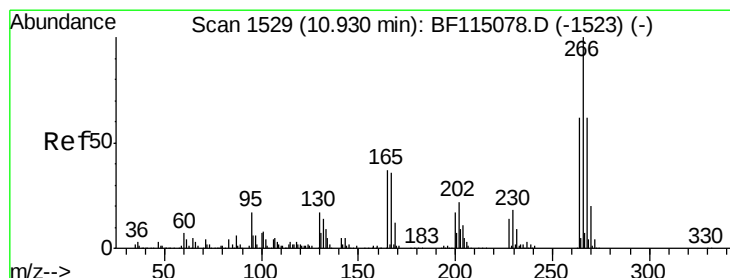
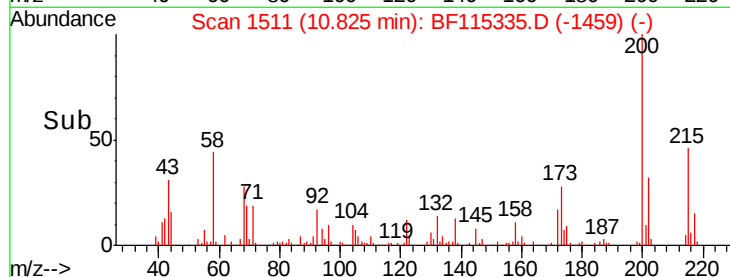
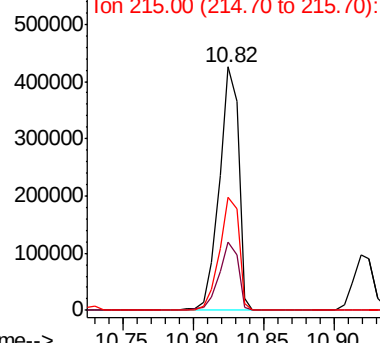
#69
Atrazine
Concen: 47.097 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:200 Resp: 408310
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 46.4 27.8 67.8

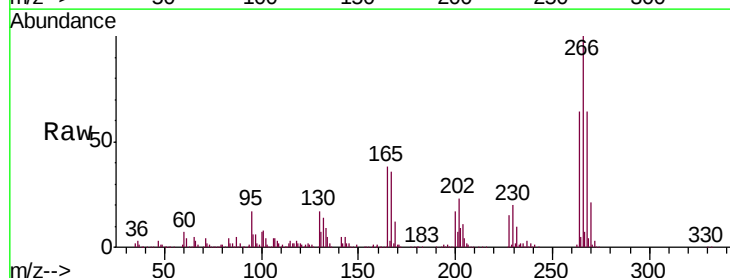


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

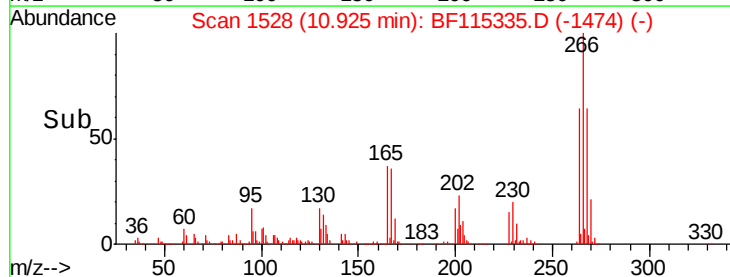
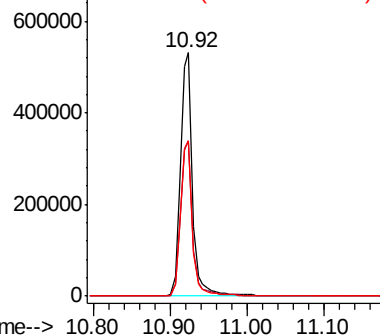


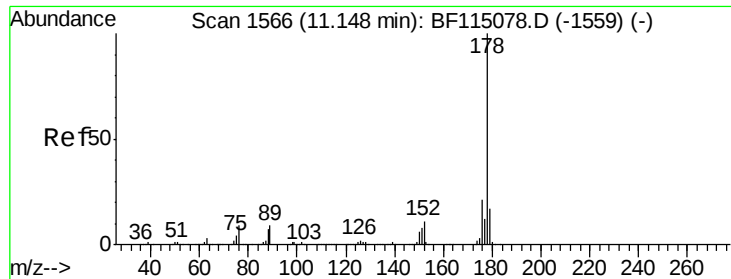
#70
Pentachlorophenol
Concen: 88.092 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:266 Resp: 571331
Ion Ratio Lower Upper
266 100
268 63.8 49.5 74.3
264 63.6 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

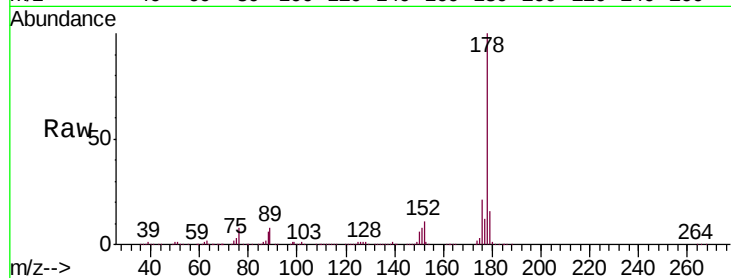




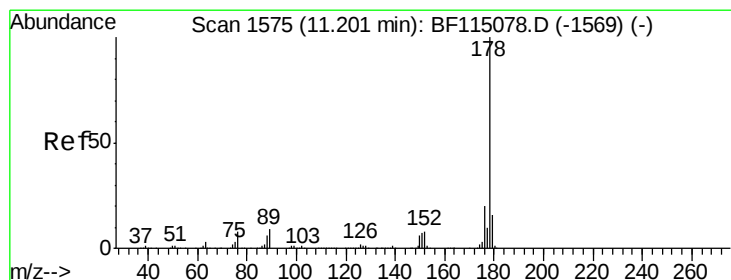
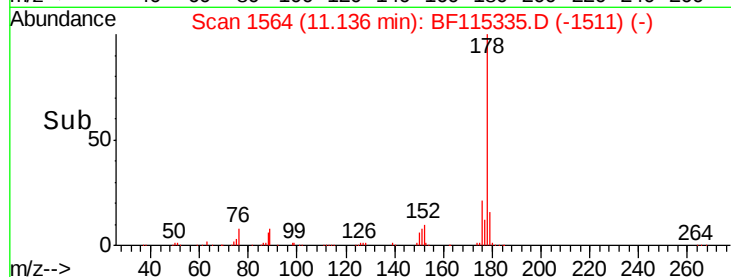
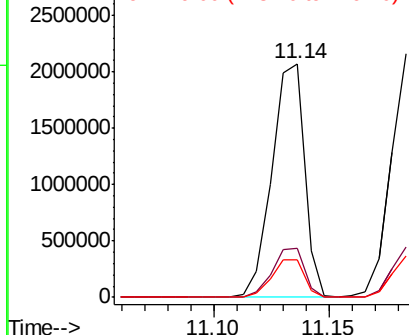
#71
Phenanthrene
Concen: 43.754 ng
RT: 11.14 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion:178 Resp: 2037878
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.1 13.2 19.8

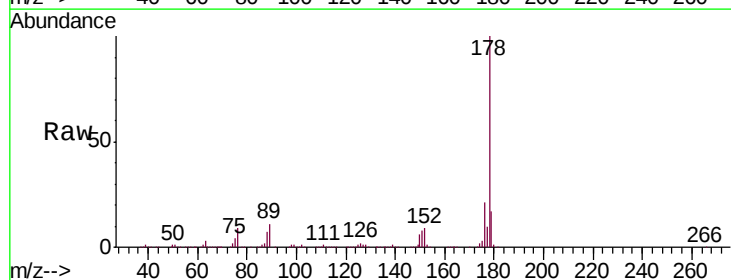


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

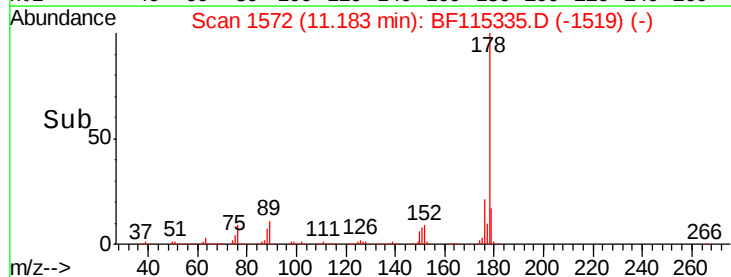
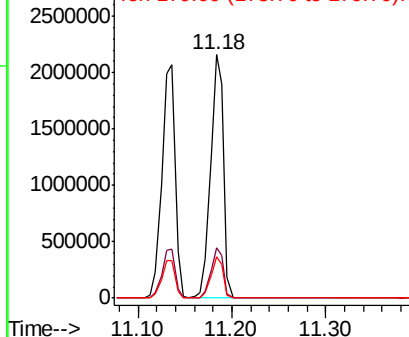


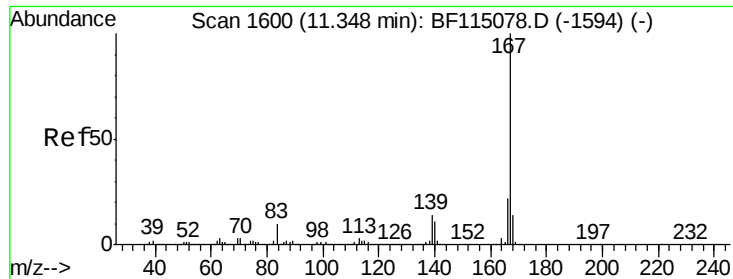
#72
Anthracene
Concen: 44.795 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:178 Resp: 2106063
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.9 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

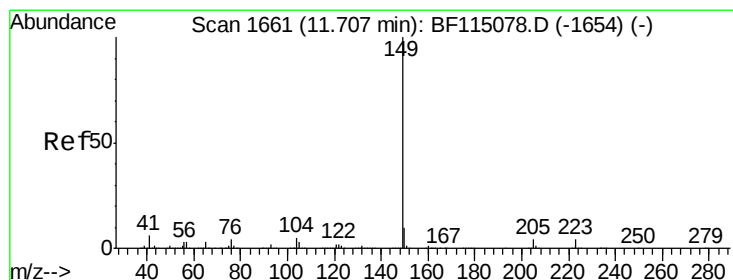
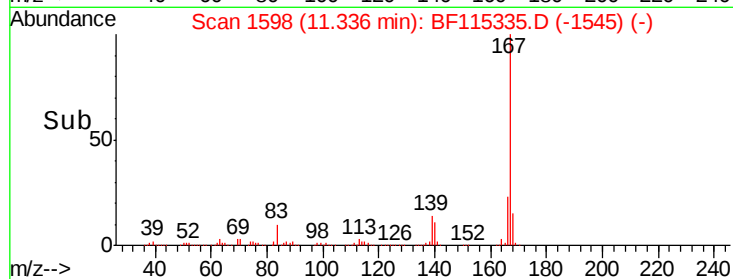
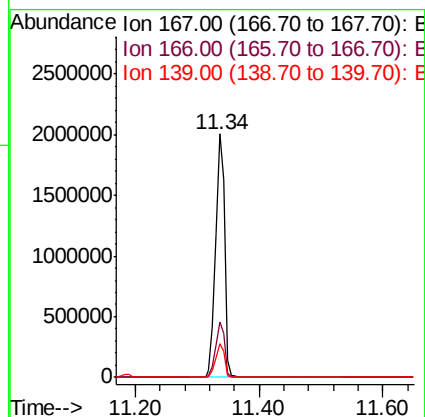
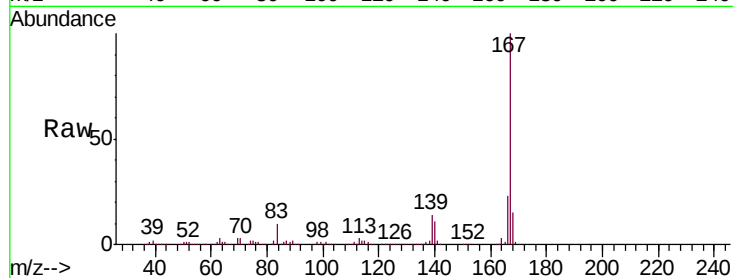




#73
 Carbazole
 Concen: 46.399 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

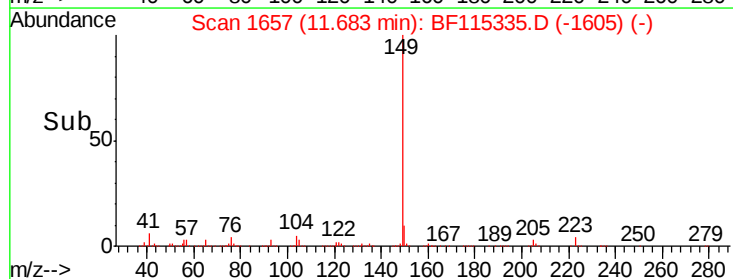
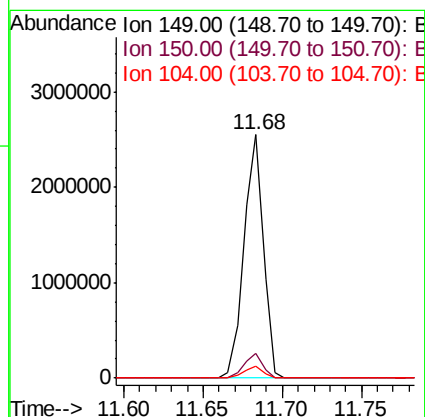
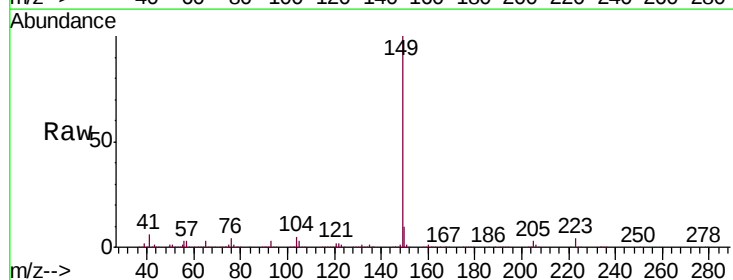
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

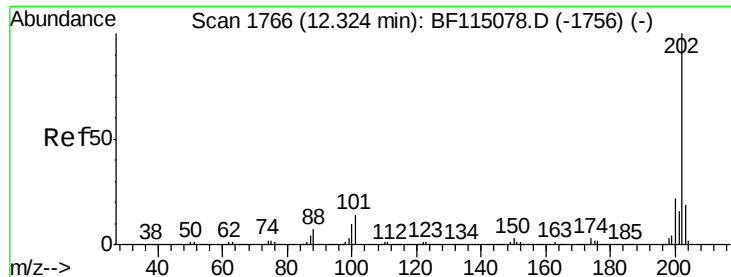
Tgt Ion:167 Resp: 1947973
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.363 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:149 Resp: 2152213
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 45.561 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

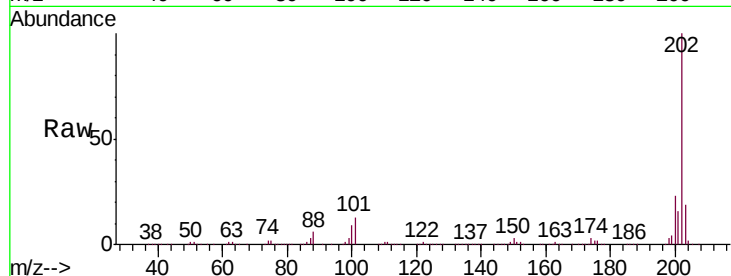
Tgt Ion:202 Resp: 2117256

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.0

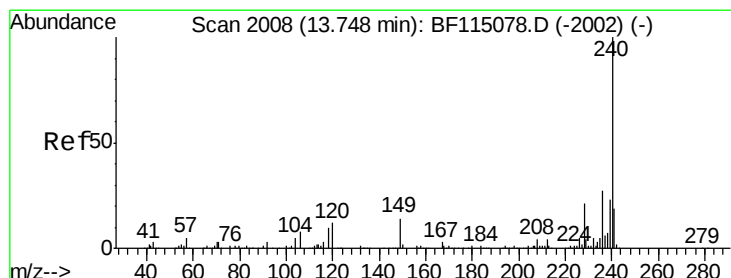
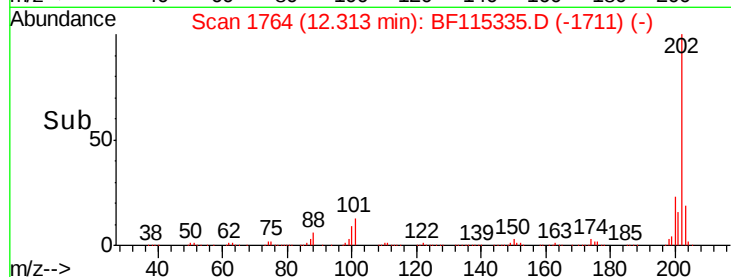
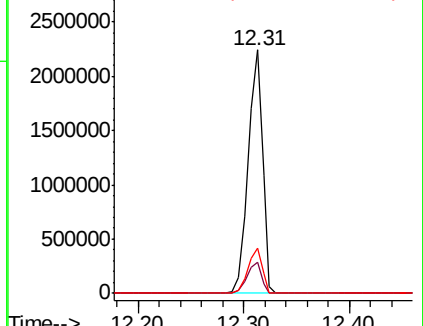
203 18.7 0.0 38.8



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: 13.73 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

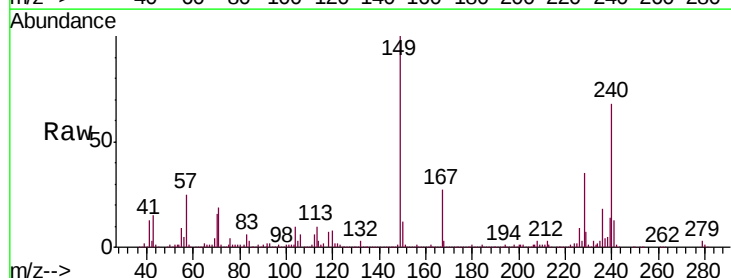
Tgt Ion:240 Resp: 571998

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

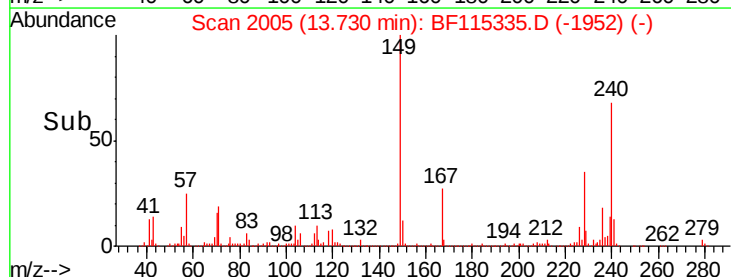
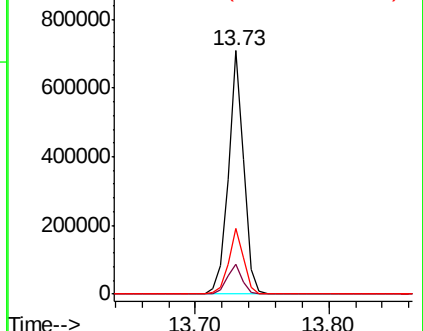
236 26.8 21.7 32.5

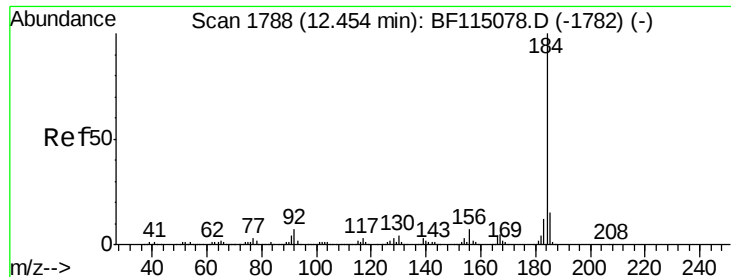


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.446 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

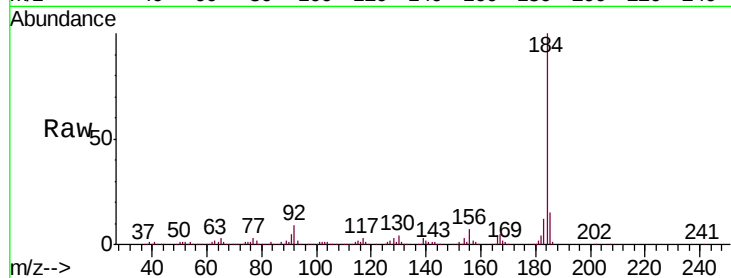
Tgt Ion:184 Resp: 671704

Ion Ratio Lower Upper

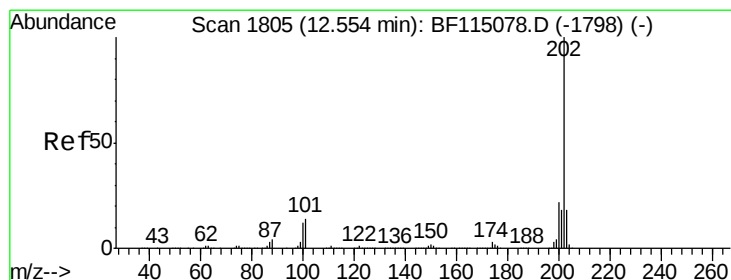
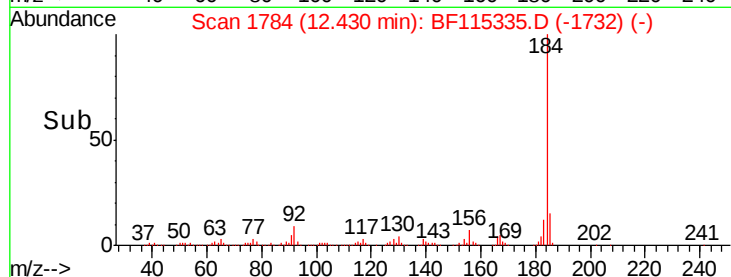
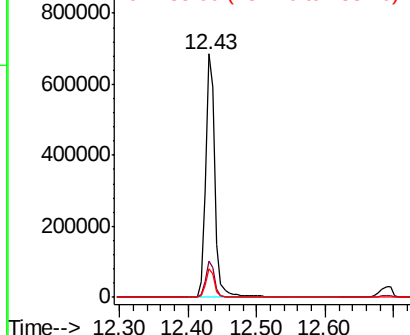
184 100

185 14.9 12.2 18.2

183 11.8 9.6 14.4



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



#78

Pyrene

Concen: 49.301 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

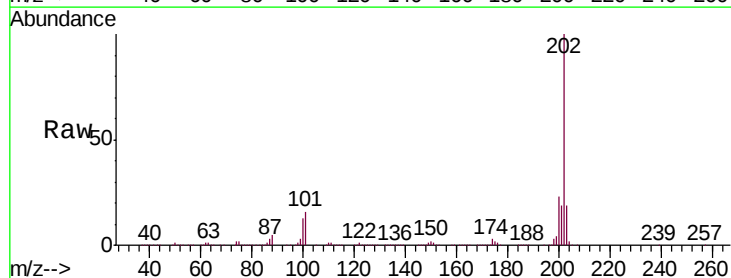
Tgt Ion:202 Resp: 2167197

Ion Ratio Lower Upper

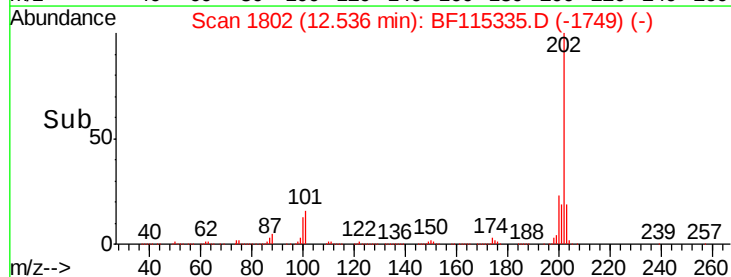
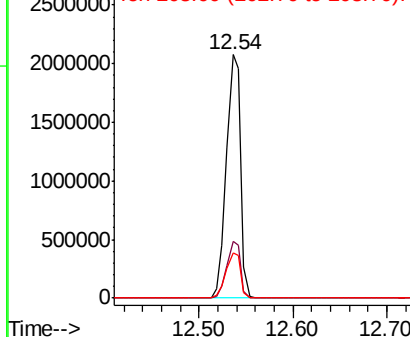
202 100

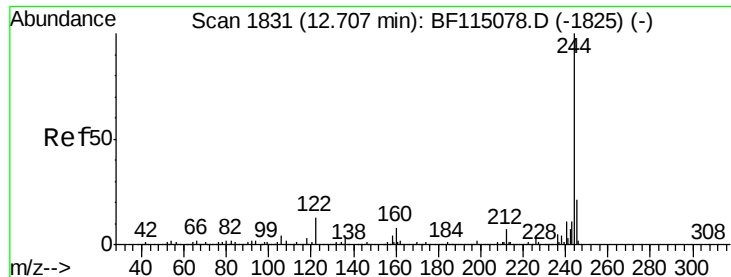
200 23.1 17.9 26.9

203 18.6 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: 99.474 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

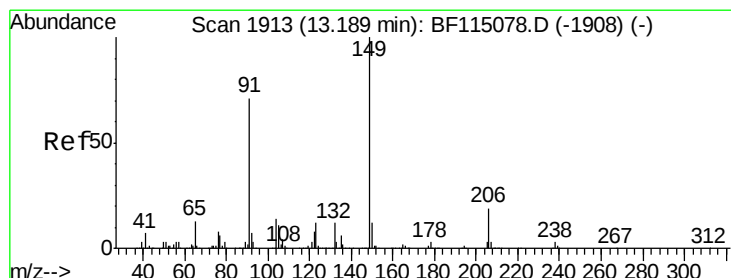
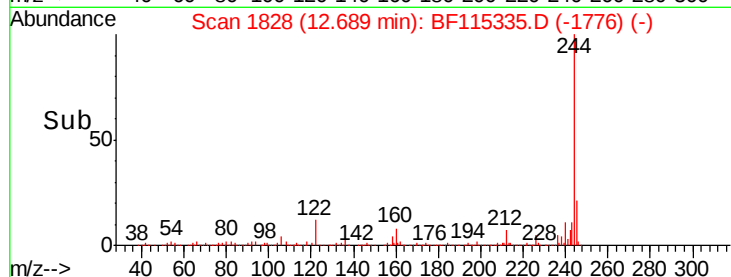
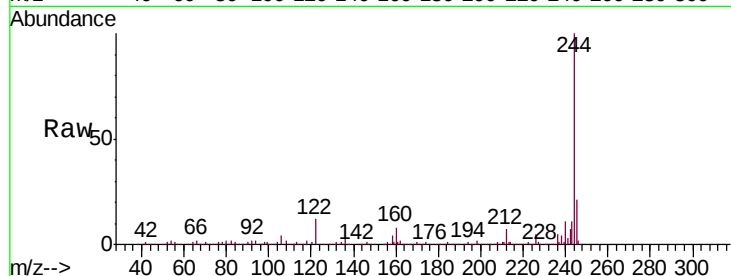
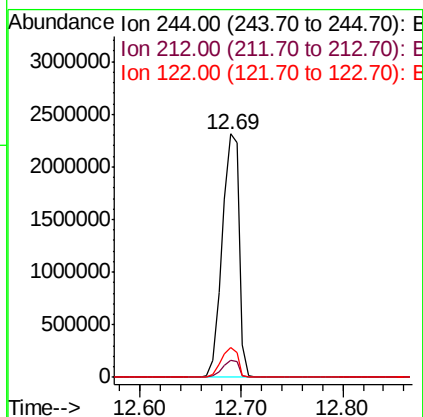
BNA_F

ClientSampleId :

PB120926BS

Tgt Ion:244 Resp: 2676155

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.5	10.4	15.6



#80

Butylbenzylphthalate

Concen: 50.605 ng

RT: 13.17 min Scan# 1909

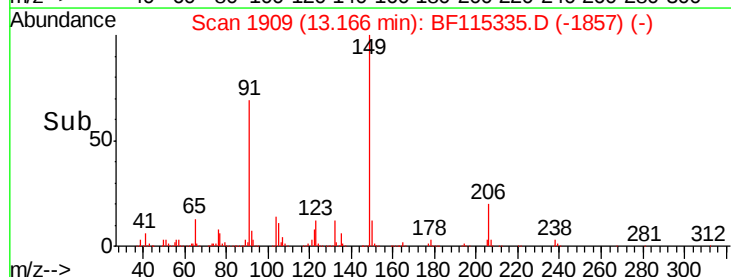
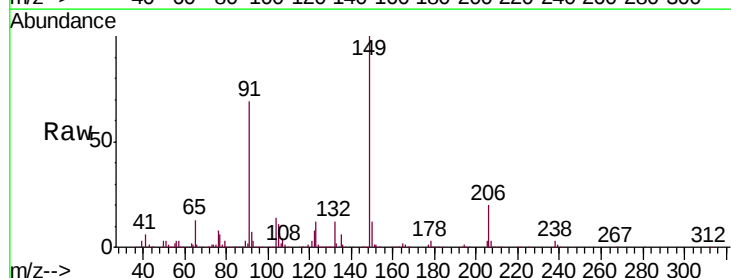
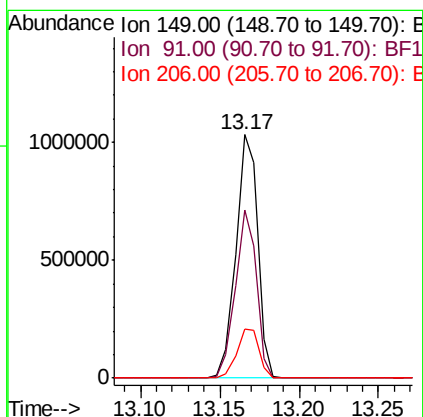
Delta R.T. 0.01 min

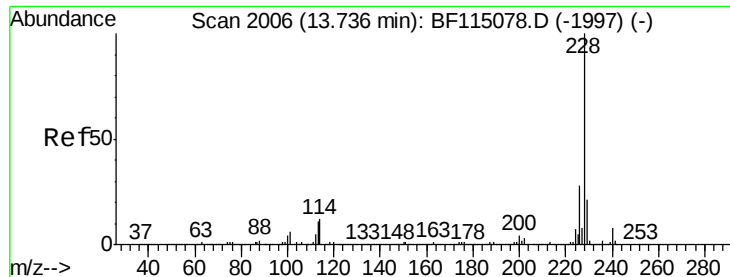
Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:149 Resp: 981695

Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.5	84.7
206	20.3	15.3	22.9





#81

Benzo(a)anthracene

Concen: 47.850 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

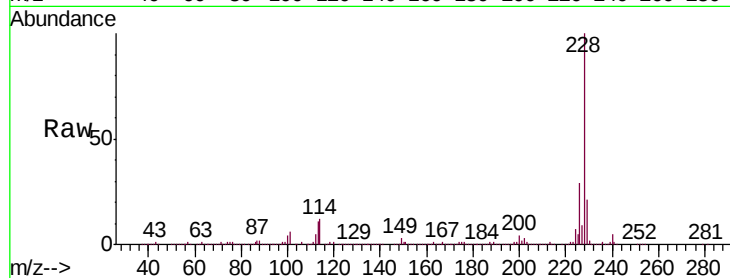
Tgt Ion:228 Resp: 1963885

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

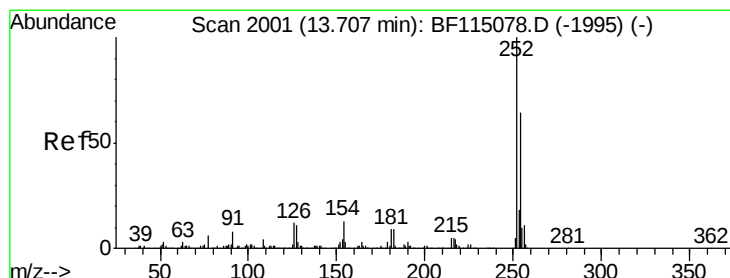
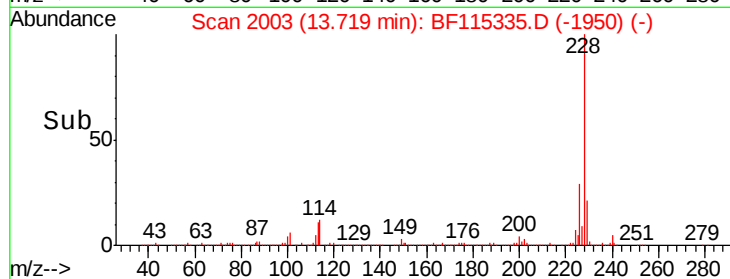
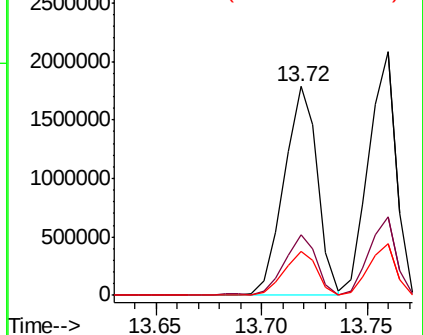
229 21.3 16.6 24.8



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: 38.052 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

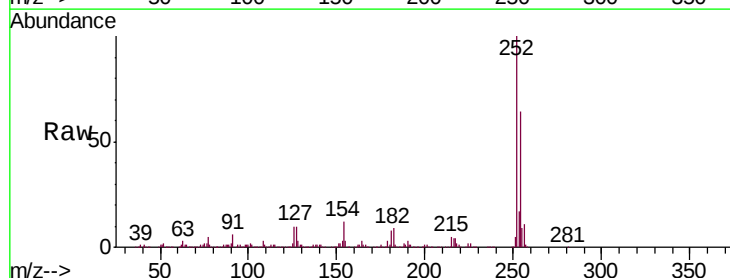
Tgt Ion:252 Resp: 563975

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

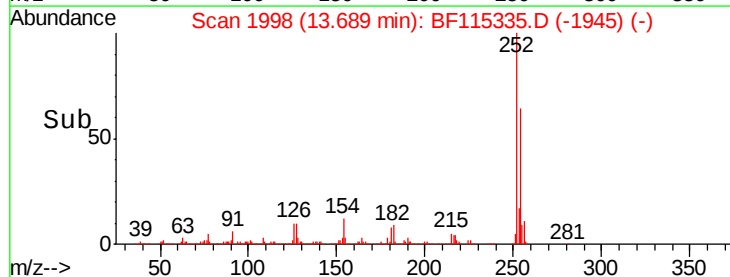
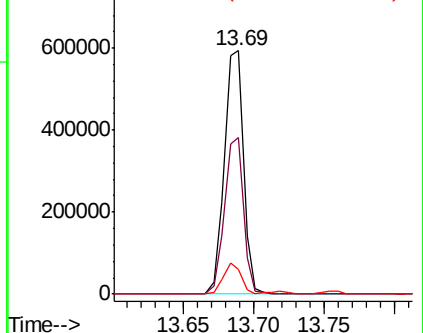
126 10.1 9.4 14.0



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: 50.723 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampled :

PB120926BS

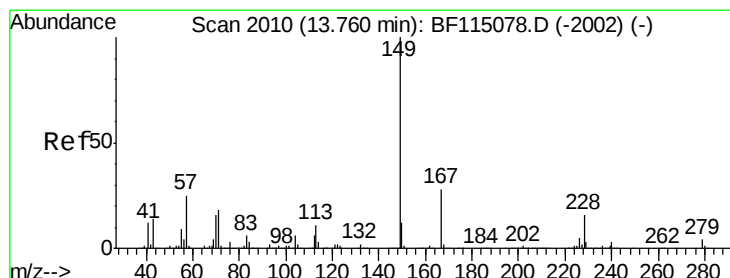
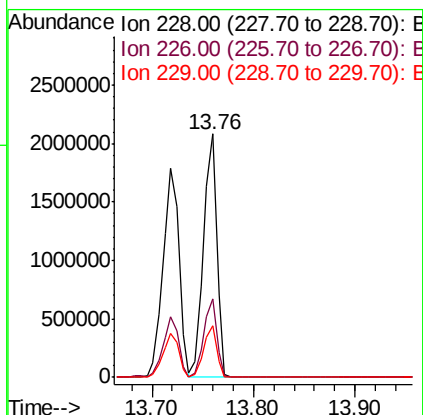
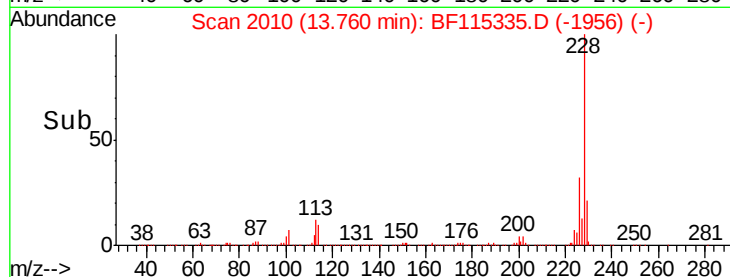
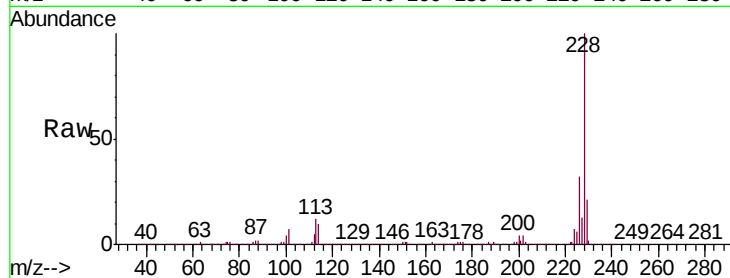
Tgt Ion:228 Resp: 1906990

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

229 21.1 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.019 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

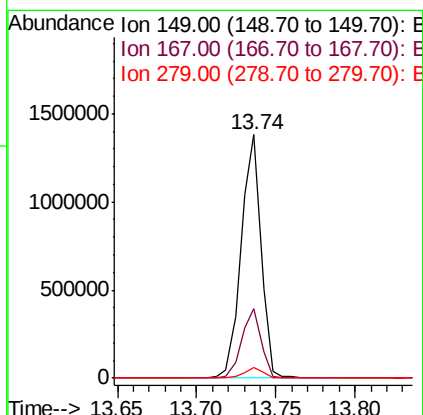
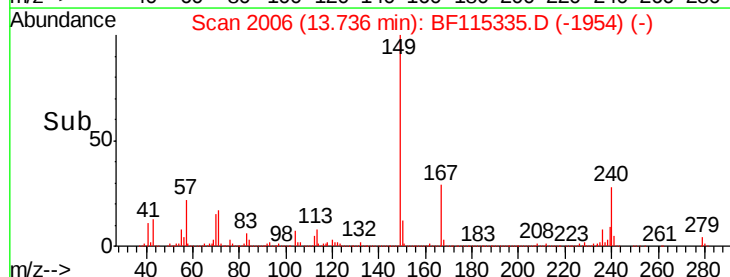
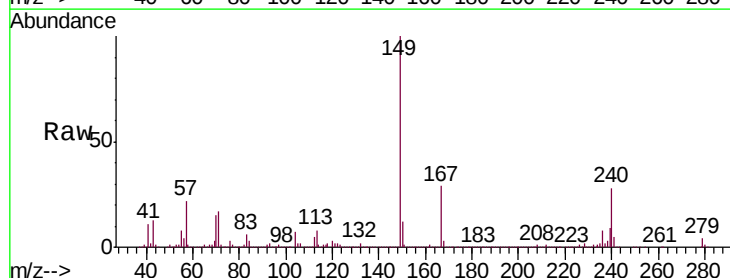
Tgt Ion:149 Resp: 1195188

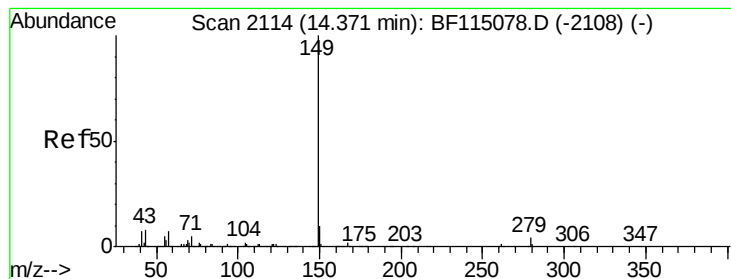
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 50.564 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

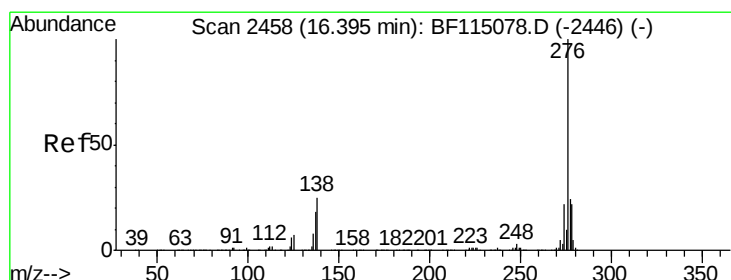
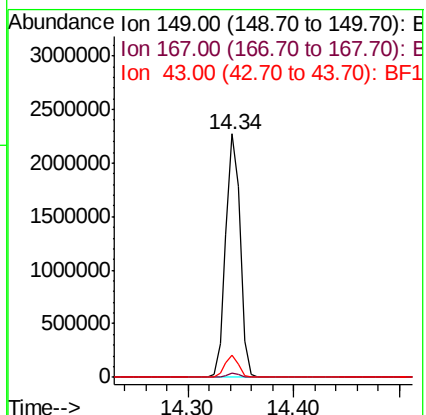
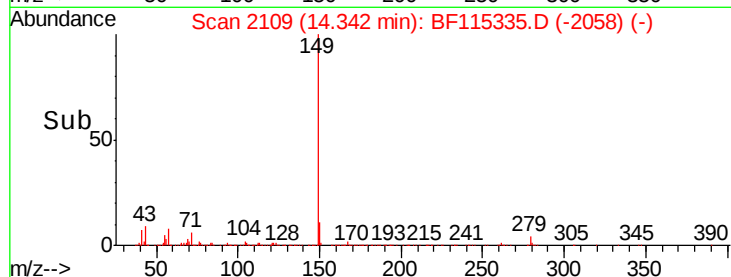
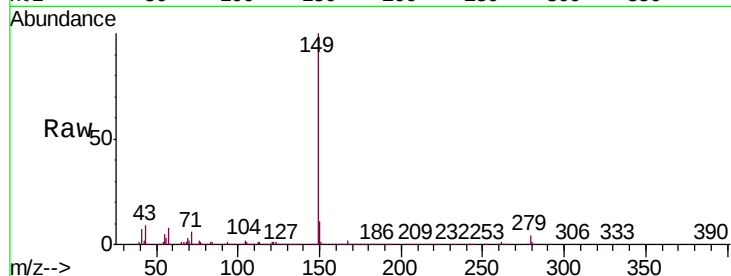
Tgt Ion:149 Resp: 2159520

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.514 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.03 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

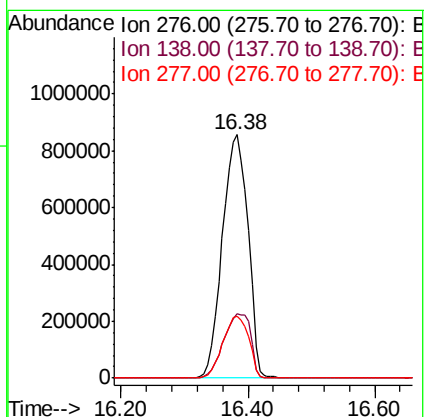
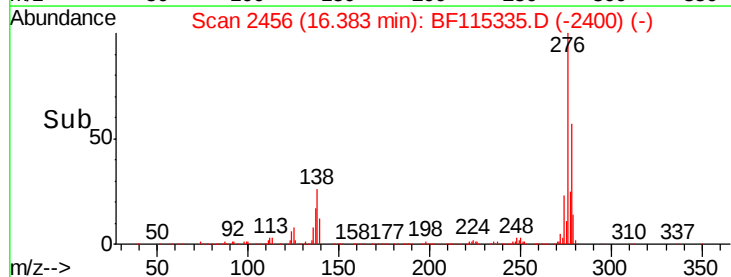
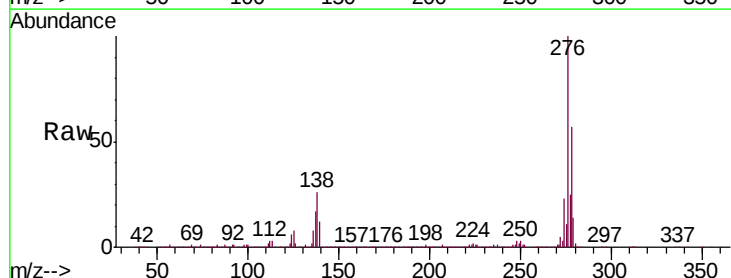
Tgt Ion:276 Resp: 2380682

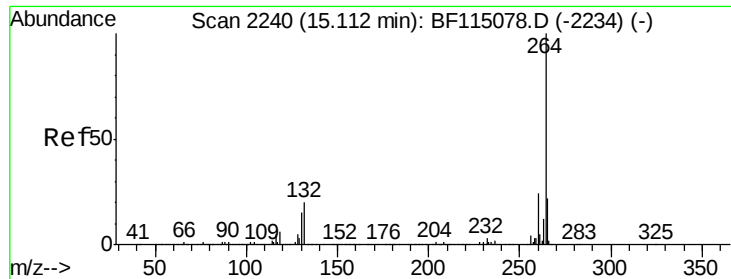
Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

277 25.8 20.1 30.1



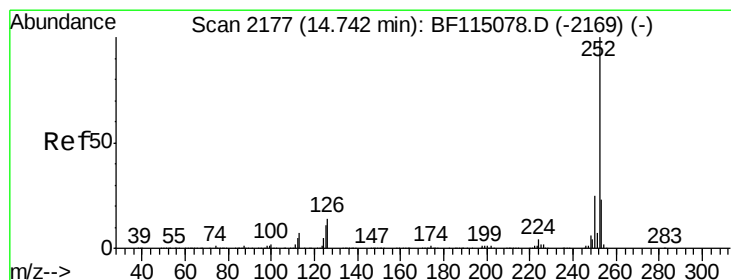
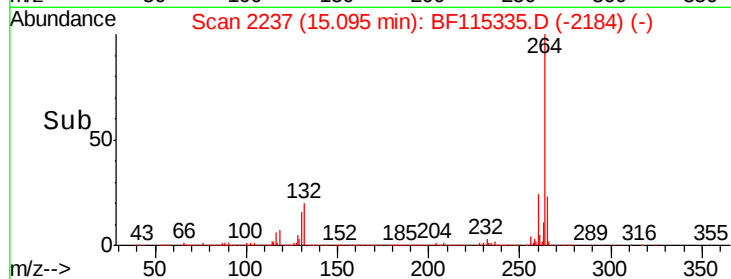
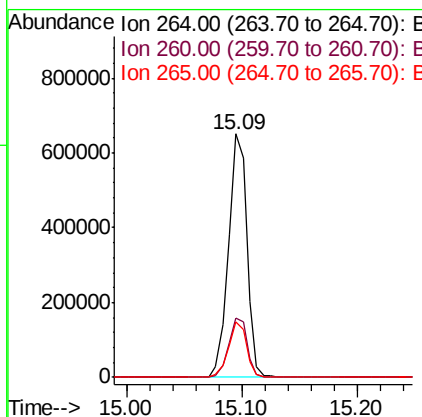
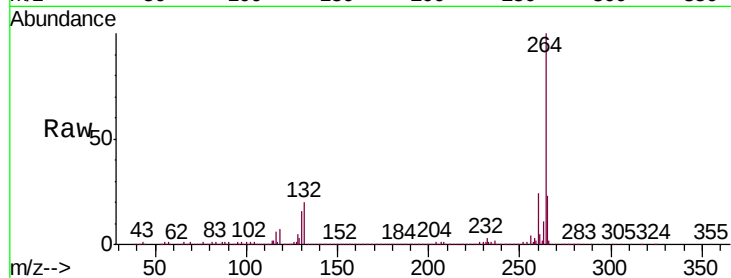


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tgt Ion: 264 Resp: 719787

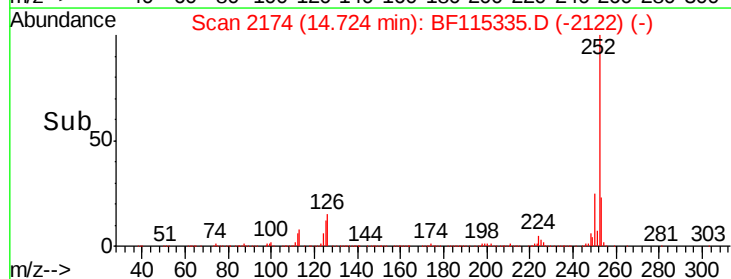
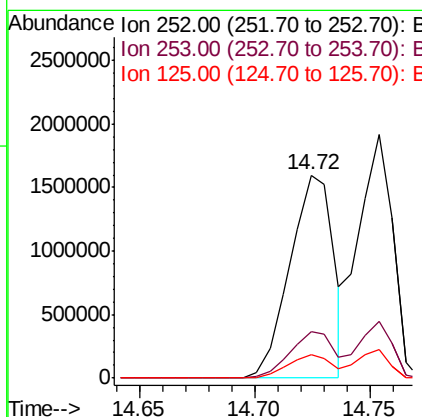
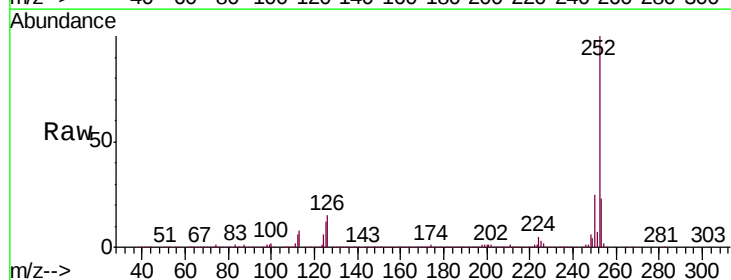
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.8	17.3	25.9

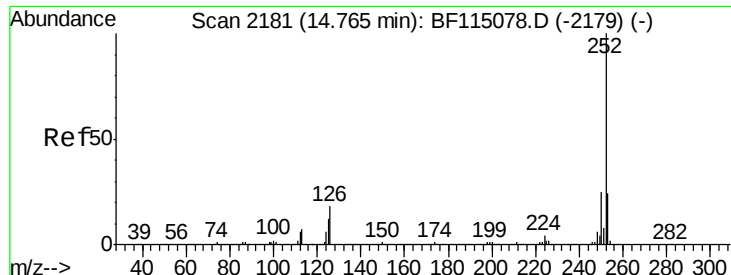


#88
Benzo(b)fluoranthene
Concen: 46.651 ng
RT: 14.72 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion: 252 Resp: 2095235

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.8	8.7	13.1

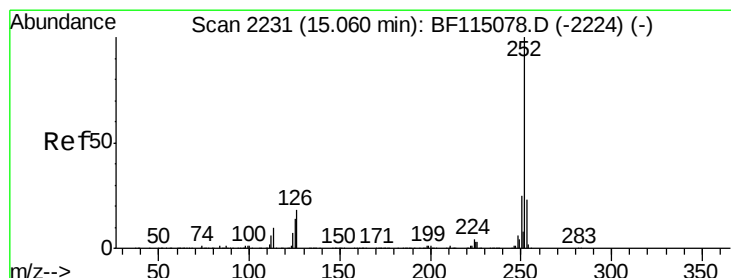
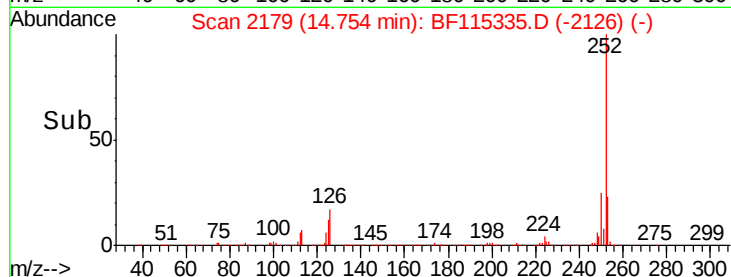
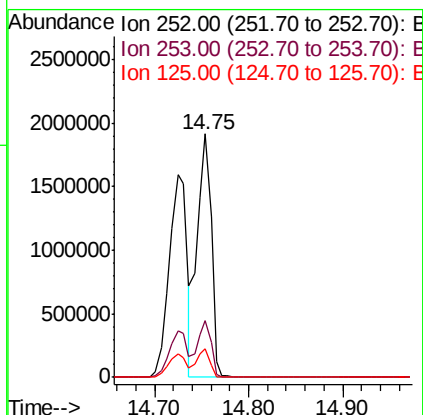
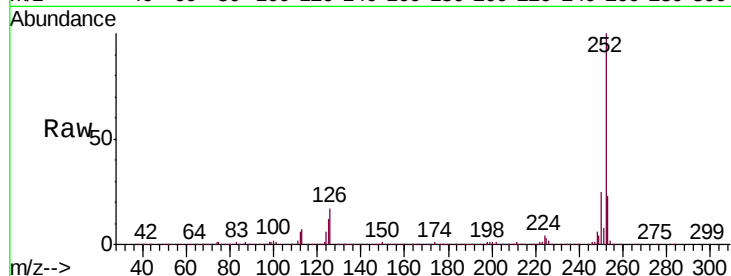




#89
Benzo(k)fluoranthene
Concen: 48.941 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

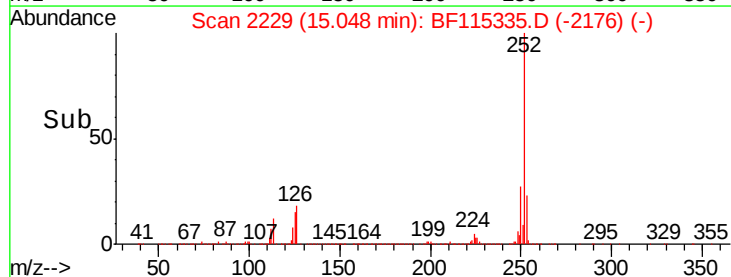
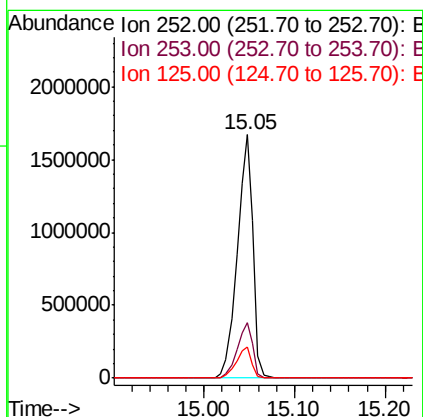
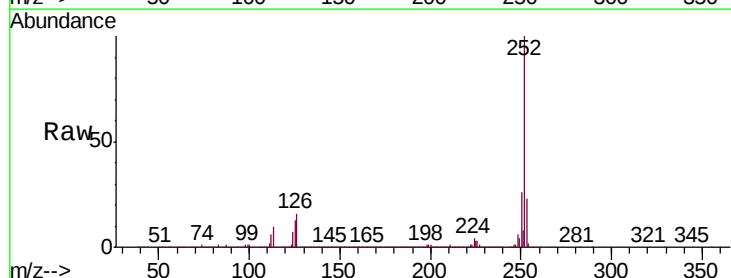
Instrument :
BNA_F
ClientSampleId :
PB120926BS

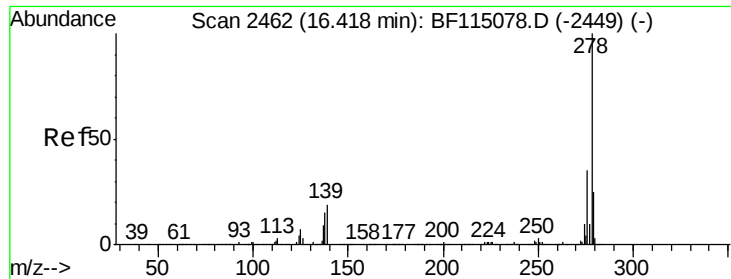
Tgt Ion:252 Resp: 1971206
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 11.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 49.825 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:252 Resp: 2016923
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 13.0 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 50.958 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.03 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

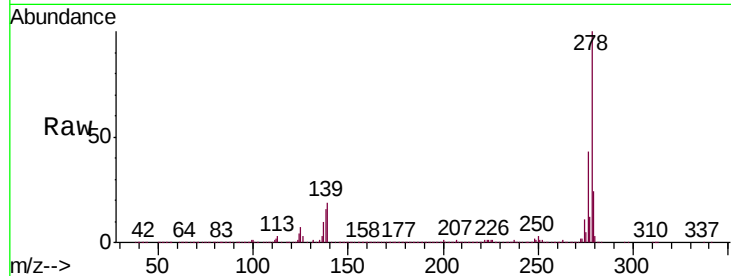
Tgt Ion:278 Resp: 1925770

Ion Ratio Lower Upper

278 100

139 18.7 15.4 23.2

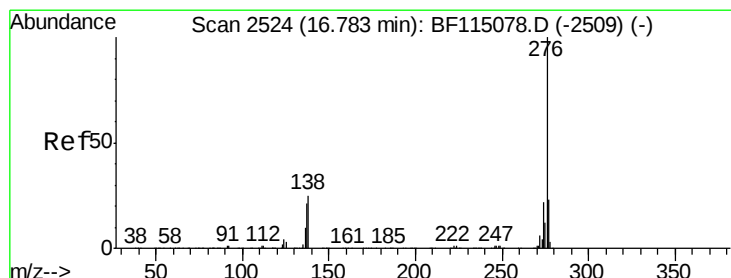
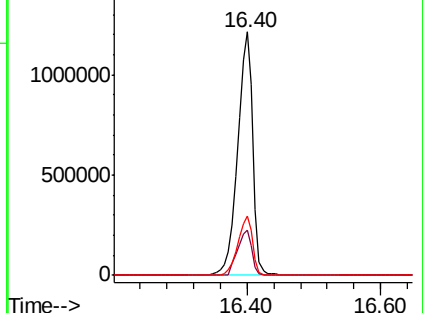
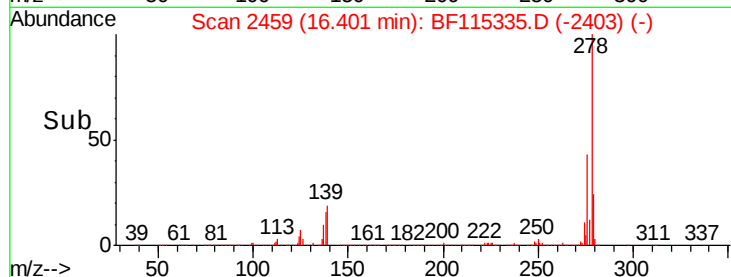
279 24.4 19.9 29.9



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: 52.994 ng

RT: 16.77 min Scan# 2522

Delta R.T. 0.04 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

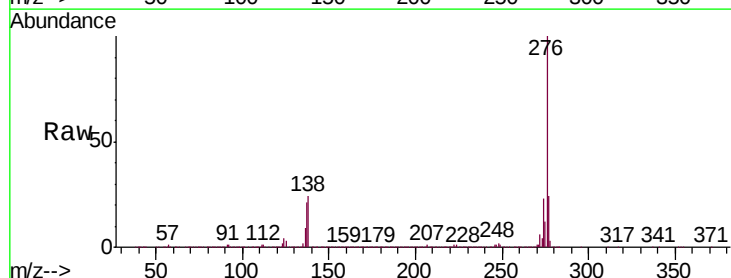
Tgt Ion:276 Resp: 2026971

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 24.1 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

