

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115555.D
 Acq On : 15 Jul 2019 10:24
 Operator : HP/JU
 Sample : PB121261BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Quant Time: Jul 16 03:12:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	274534	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1063632	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	528331	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	976777	20.00	ng	0.00
76) Chrysene-d12	14.04	240	607224	20.00	ng	0.00
87) Perylene-d12	15.51	264	495920	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	2064370	123.00	ng	0.02
7) Phenol-d6	6.53	99	2603152	122.23	ng	0.01
23) Nitrobenzene-d5	7.45	82	1687961	92.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	815669	132.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2899187	96.05	ng	0.00
79) Terphenyl-d14	12.99	244	2772459	84.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	224273	26.788	ng	100
3) Pyridine	3.58	79	576036	25.360	ng	98
4) n-Nitrosodimethylamine	3.51	42	224236	27.212	ng	96
6) Aniline	6.55	93	596082	20.113	ng	99
8) 2-Chlorophenol	6.68	128	538581	27.911	ng	93
9) Benzaldehyde	6.43	77	374869	28.168	ng	96
10) Phenol	6.54	94	656849	26.569	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	525172	27.901	ng	99
12) 1,3-Dichlorobenzene	6.83	146	601030	27.703	ng	99
13) 1,4-Dichlorobenzene	6.90	146	609977	28.179	ng	96
14) 1,2-Dichlorobenzene	7.06	146	550160	27.803	ng	97
15) Benzyl Alcohol	7.02	79	504360	29.854	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	689417	27.821	ng	97
17) 2-Methylphenol	7.13	107	487317	29.304	ng	99
18) Hexachloroethane	7.40	117	226107	28.141	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	392506	28.259	ng	98
20) 3+4-Methylphenols	7.29	107	568872	28.799	ng	95
22) Acetophenone	7.29	105	779585	32.443	ng	97
24) Nitrobenzene	7.46	77	601655	30.495	ng	95
25) Isophorone	7.70	82	1111039	30.354	ng	99
26) 2-Nitrophenol	7.78	139	317337	31.249	ng	98
27) 2,4-Dimethylphenol	7.82	122	542459	35.701	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	684637	30.489	ng	99
29) 2,4-Dichlorophenol	8.02	162	500531	31.674	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	547552	30.654	ng	98
31) Naphthalene	8.19	128	1625591	31.558	ng	98
32) Benzoic acid	7.95	122	369246	29.611	ng	98
33) 4-Chloroaniline	8.23	127	407512	17.860	ng	98
34) Hexachlorobutadiene	8.31	225	310596	30.321	ng	98
35) Caprolactam	8.61	113	159845m	32.734	ng	
36) 4-Chloro-3-methylphenol	8.72	107	519055	31.665	ng	99
37) 2-Methylnaphthalene	8.88	142	1096936	32.125	ng	98
38) 1-Methylnaphthalene	8.98	142	1033628	31.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500901	31.484	ng	98

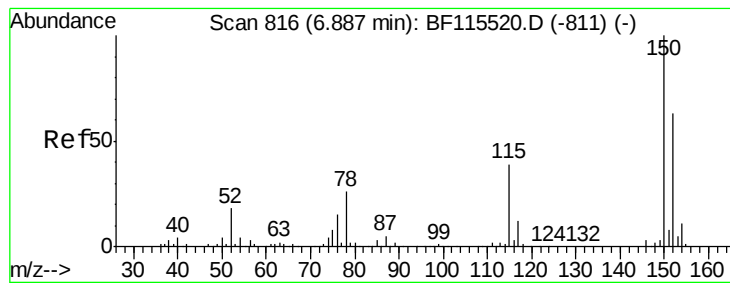
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	530652	58.470	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	376531	32.362	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	361941	30.376	nq	99
46) 1,1'-Biphenyl	9.35	154	1323413	32.041	nq	99
47) 2-Chloronaphthalene	9.37	162	1058851	30.788	nq	98
48) 2-Nitroaniline	9.46	65	313652	29.465	nq	99
49) Acenaphthylene	9.79	152	1576808	30.942	nq	99
50) Dimethylphthalate	9.65	163	1214107	30.544	nq	99
51) 2,6-Dinitrotoluene	9.70	165	284048	31.444	nq	90
52) Acenaphthene	9.96	154	1106400	33.628	nq	99
53) 3-Nitroaniline	9.87	138	200656	19.438	nq	99
54) 2,4-Dinitrophenol	9.98	184	286082	61.683	nq	93
55) Dibenzofuran	10.13	168	1420891	30.411	nq	99
56) 4-Nitrophenol	10.03	139	453149	57.566	nq	99
57) 2,4-Dinitrotoluene	10.11	165	365067	31.194	nq	90
58) Fluorene	10.47	166	1040855	31.161	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	311223	31.246	nq	99
60) Diethylphthalate	10.35	149	1154931	31.010	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	538818	29.089	nq	98
62) 4-Nitroaniline	10.49	138	283041	28.584	nq	97
63) Azobenzene	10.62	77	1117969	30.947	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	190097	31.854	nq	96
66) n-Nitrosodiphenylamine	10.58	169	974257	32.065	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	342699	30.702	nq	98
68) Hexachlorobenzene	11.02	284	391058	30.678	nq	94
69) Atrazine	11.10	200	318320	31.935	nq	99
70) Pentachlorophenol	11.22	266	460781	59.101	nq	99
71) Phenanthrene	11.43	178	1553679	31.031	nq	98
72) Anthracene	11.49	178	1584823	30.628	nq	99
73) Carbazole	11.63	167	1378220	30.374	nq	100
74) Di-n-butylphthalate	11.97	149	1676867	30.002	nq	100
75) Fluoranthene	12.62	202	1576293	29.792	nq	100
77) Benzidine	12.73	184	532963	24.776	nq	99
78) Pyrene	12.84	202	1600731	31.115	nq	98
80) Butylbenzylphthalate	13.46	149	677470	30.891	nq	97
81) Benzo(a)anthracene	14.03	228	1198489	29.959	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	363559	25.565	nq	99
83) Chrysene	14.07	228	1222603	30.444	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	856850	31.541	nq	# 99
85) Di-n-octyl phthalate	14.63	149	1394463	32.262	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	969647	28.420	nq	99
88) Benzo(b)fluoranthene	15.09	252	1055999	33.069	nq	99
89) Benzo(k)fluoranthene	15.12	252	991556	34.828	nq	98
90) Benzo(a)pyrene	15.45	252	938528	34.195	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	812454	33.719	nq	99
92) Benzo(g,h,i)perylene	17.43	276	755464	31.438	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

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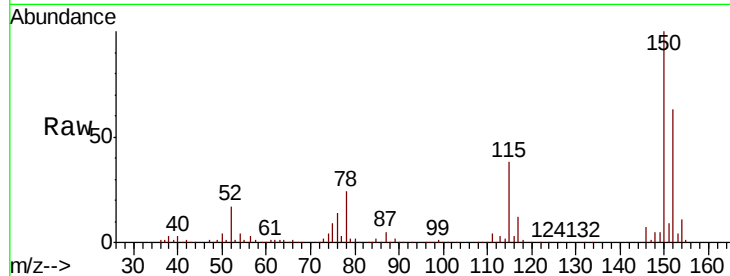
Tot Ion:152 Resp: 274534

Ion Ratio Lower Upper

152 100

150 157.8 129.7 194.5

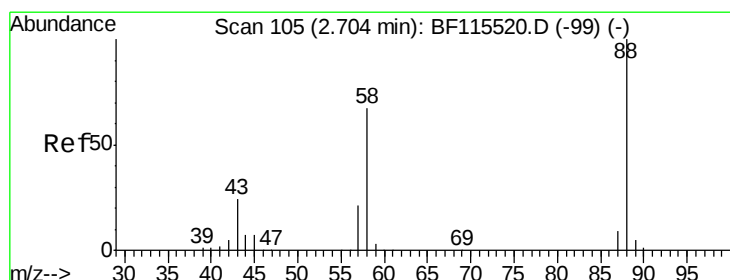
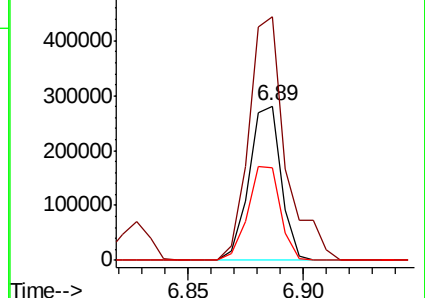
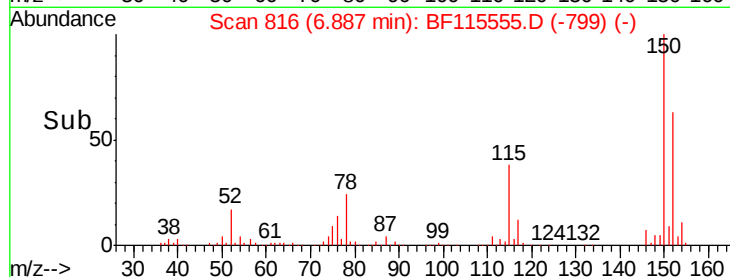
115 60.1 48.2 72.4



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: 26.788 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.12 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

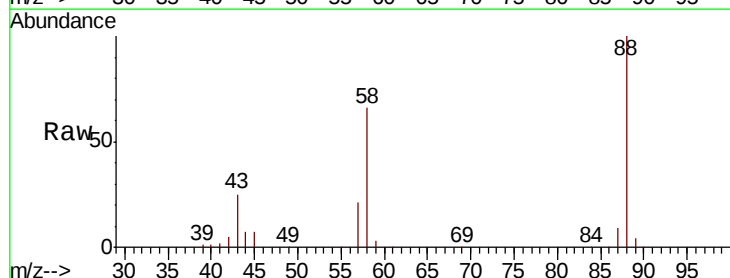
Tgt Ion: 88 Resp: 224273

Ion Ratio Lower Upper

88 100

58 65.9 52.6 79.0

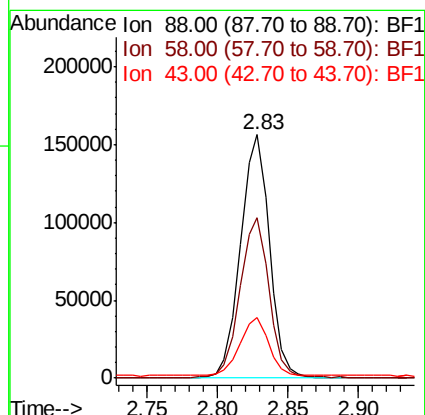
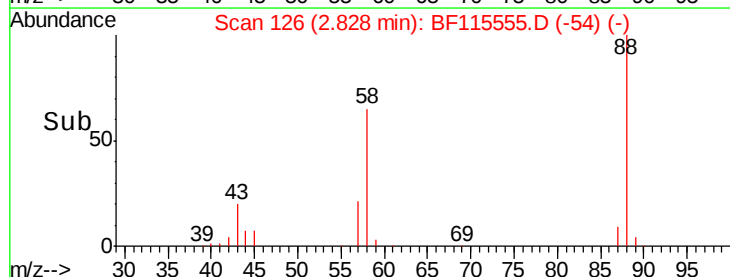
43 24.0 19.1 28.7

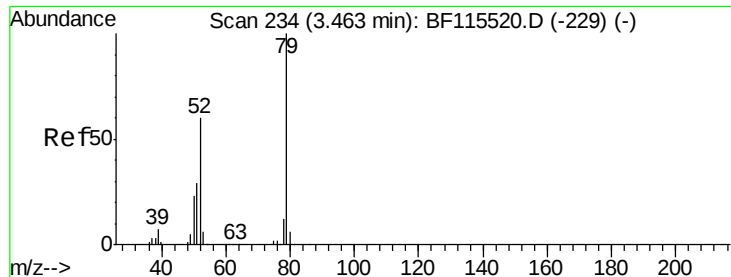


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.360 ng

RT: 3.58 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

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PB121261BS

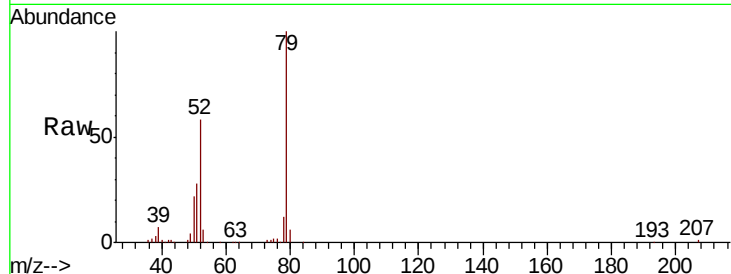
Tot Ion: 79 Resp: 576036

Ion Ratio Lower Upper

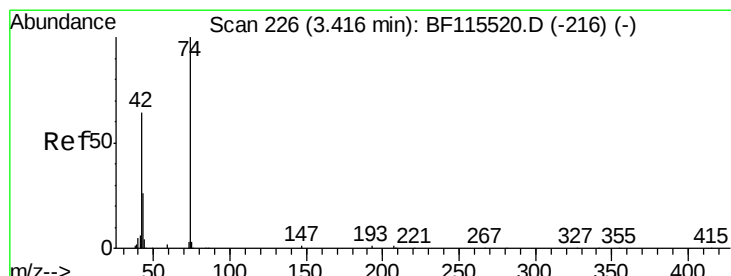
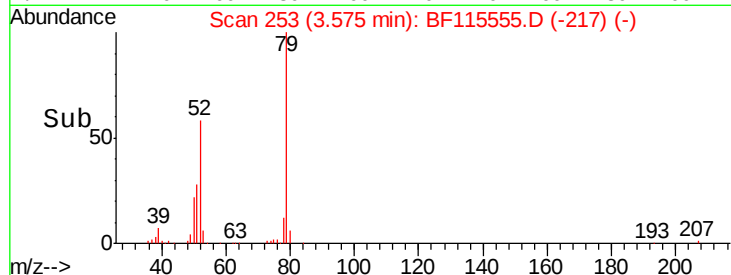
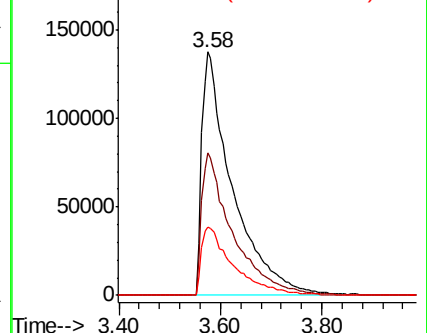
79 100

52 58.4 47.8 71.6

51 28.3 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 27.212 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.09 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

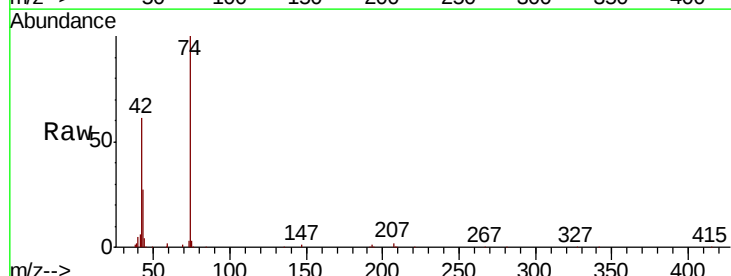
Tgt Ion: 42 Resp: 224236

Ion Ratio Lower Upper

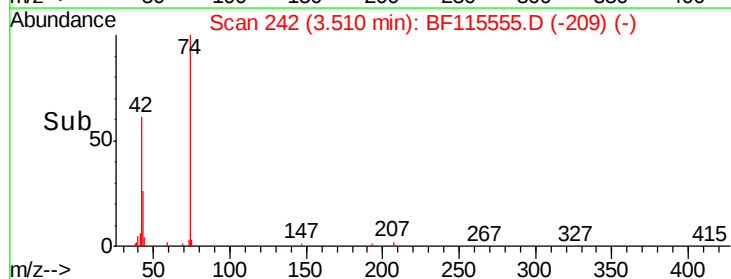
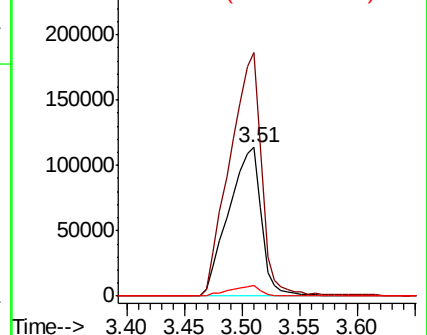
42 100

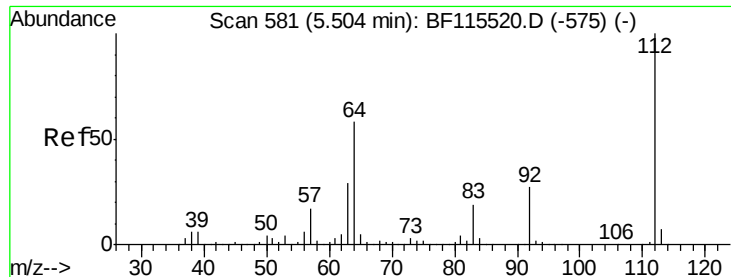
74 164.1 127.5 191.3

44 6.9 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.998 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

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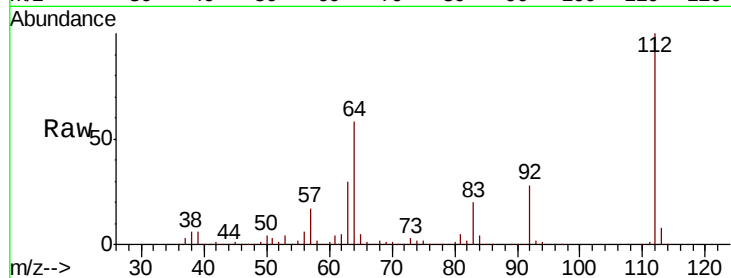
Tot Ion:112 Resp: 2064370

Ion Ratio Lower Upper

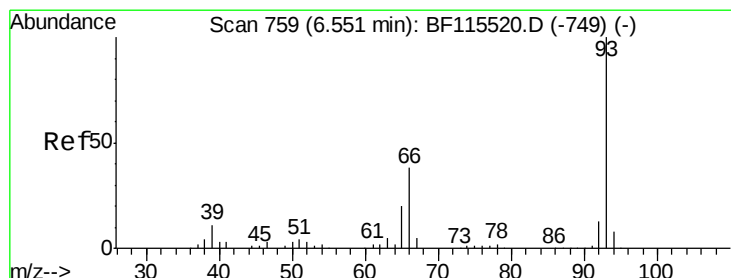
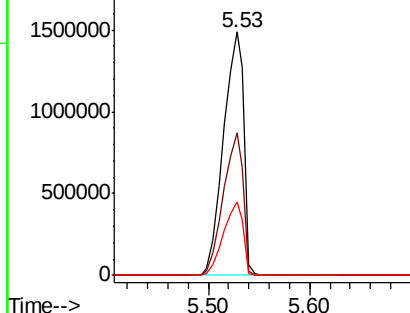
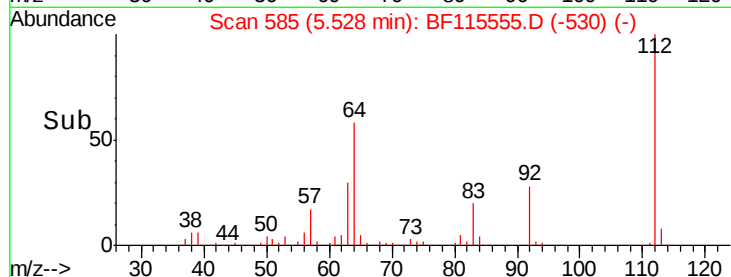
112 100

64 58.4 46.8 70.2

63 30.4 24.1 36.1



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: 20.113 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

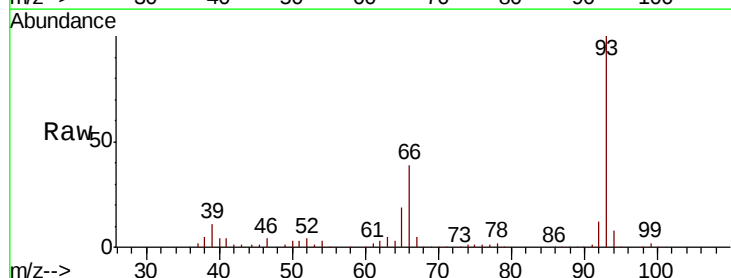
Tgt Ion: 93 Resp: 596082

Ion Ratio Lower Upper

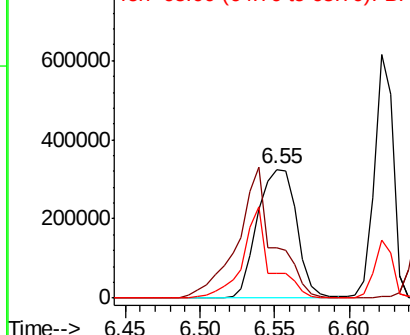
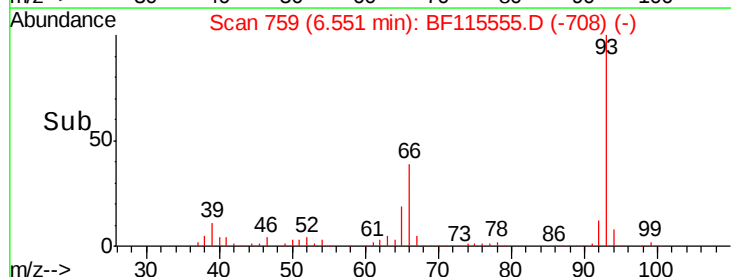
93 100

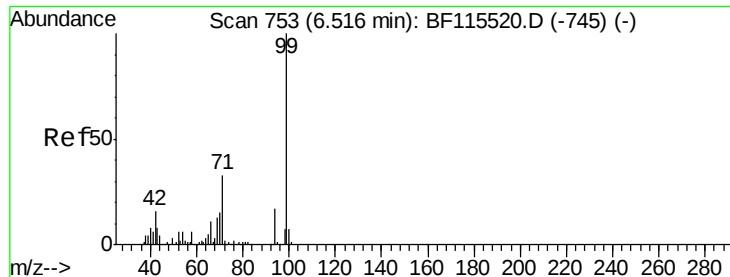
66 39.2 31.7 47.5

65 19.1 16.2 24.2



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: 122.233 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

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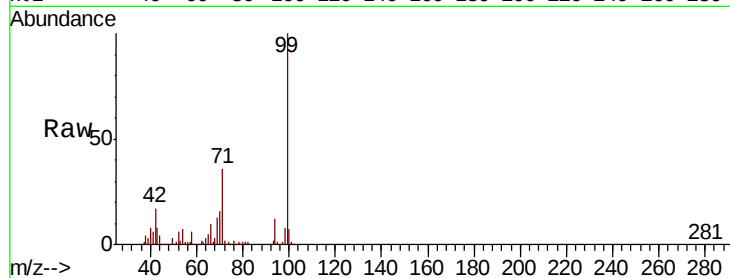
Tot Ion: 99 Resp: 2603152

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

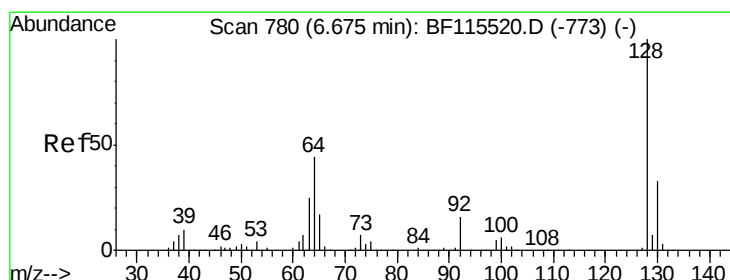
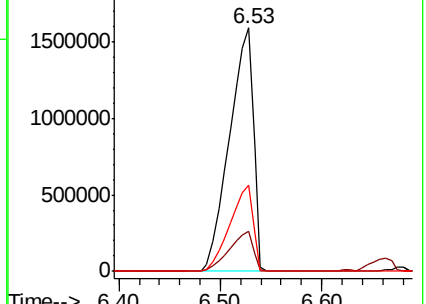
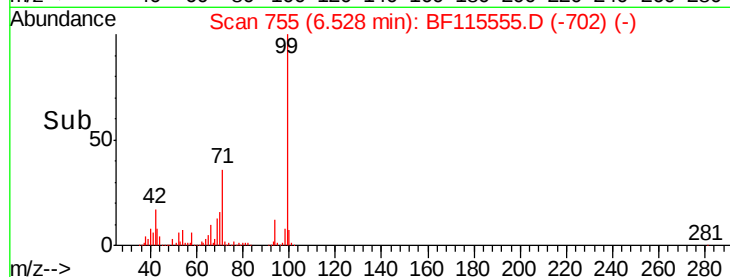
71 35.6 28.5 42.7



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: 27.911 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

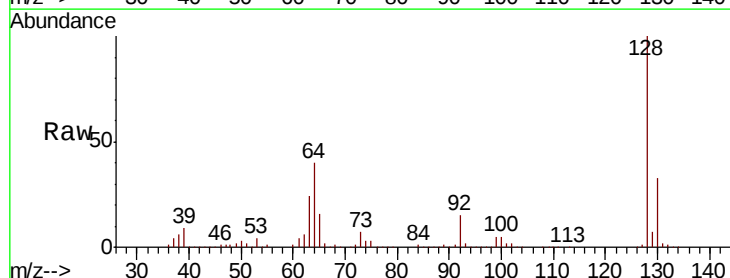
Tgt Ion: 128 Resp: 538581

Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

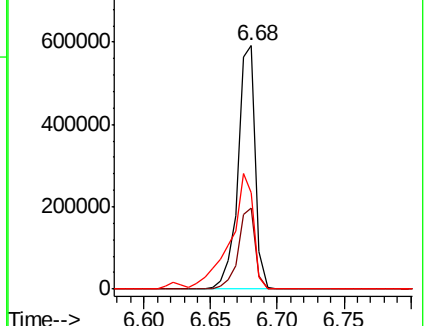
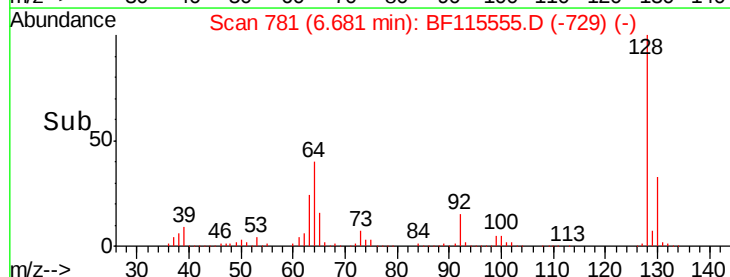
64 39.7 26.8 66.8



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

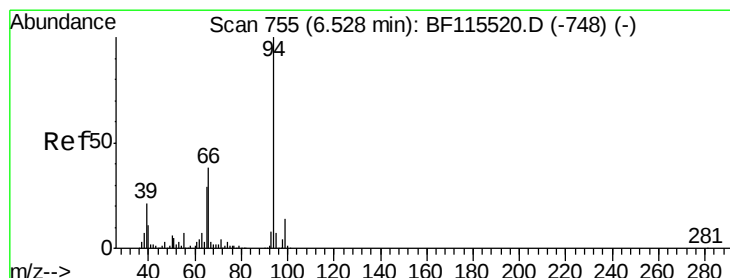
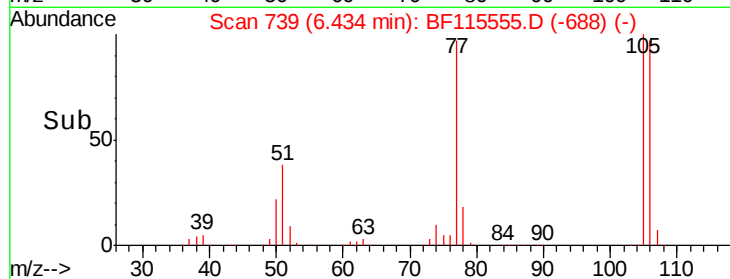
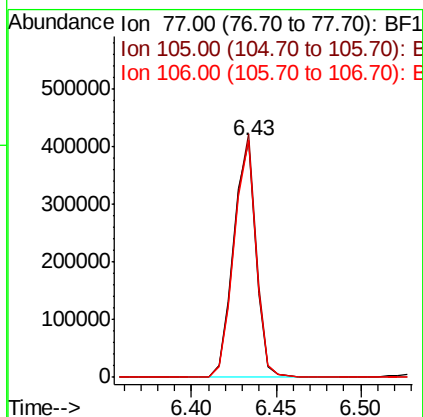
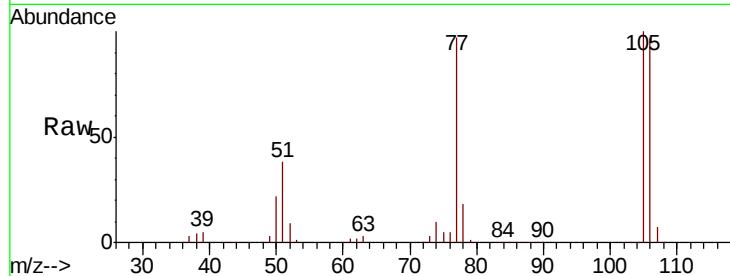




#9
Benzaldehyde
Concen: 28.168 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

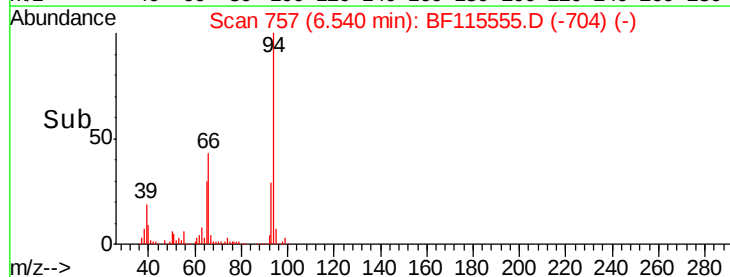
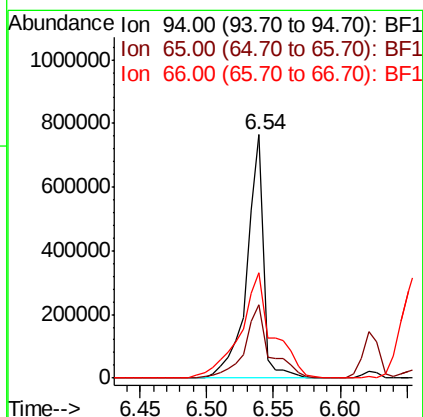
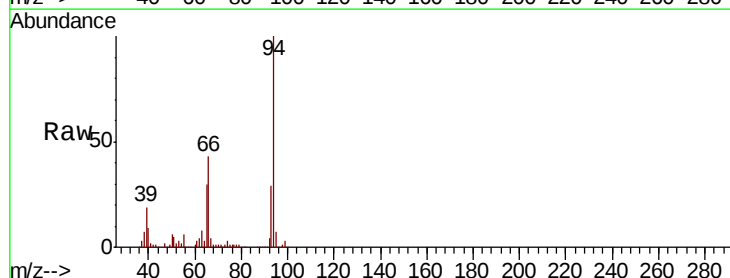
Instrument :
BNA_F
ClientSampleId :
PB121261BS

Tot Ion: 77 Resp: 374869
Ion Ratio Lower Upper
77 100
105 103.0 78.8 118.8
106 100.1 75.6 115.6



#10
Phenol
Concen: 26.569 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion: 94 Resp: 656849
Ion Ratio Lower Upper
94 100
65 30.1 14.5 54.5
66 43.2 31.3 71.3





#11

bis(2-Chloroethyl)ether

Concen: 27.901 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

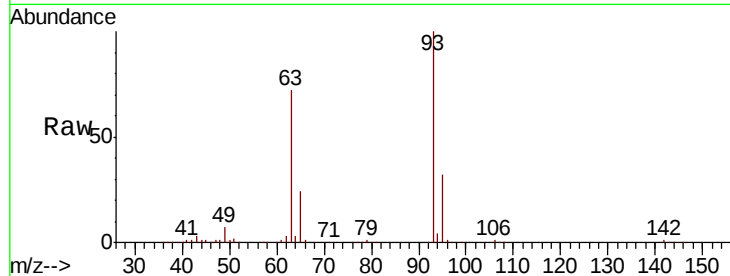
Tot Ion: 93 Resp: 525172

Ion Ratio Lower Upper

93 100

63 71.7 52.2 92.2

95 32.4 12.9 52.9

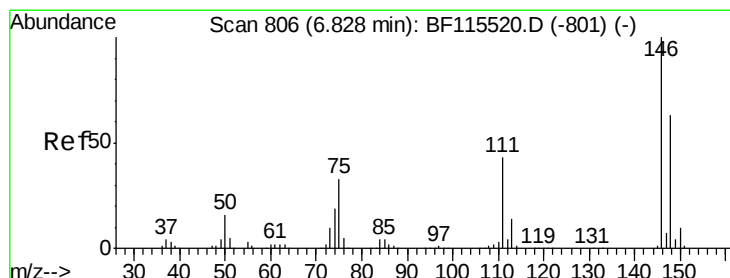
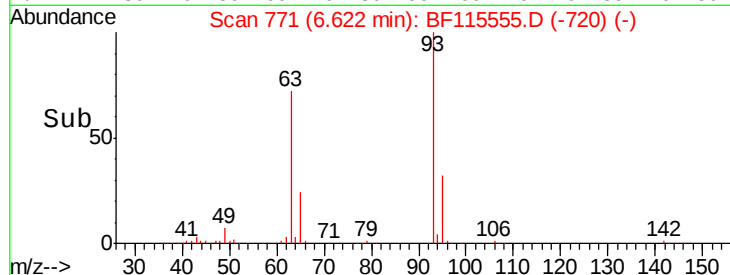
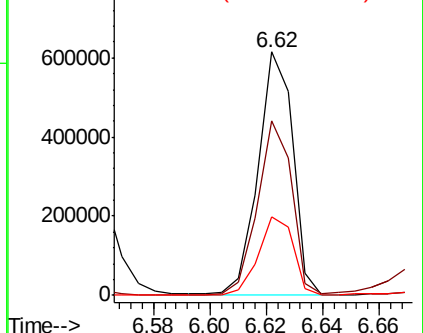


Abundance

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: 27.703 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

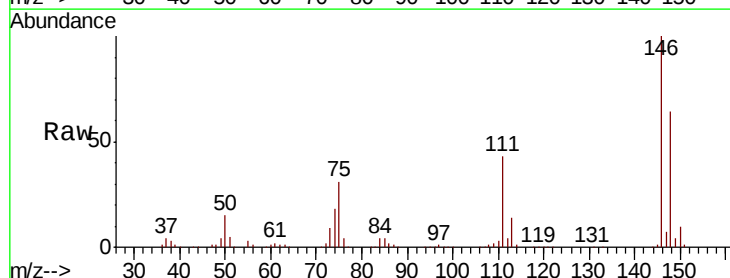
Tgt Ion: 146 Resp: 601030

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

75 30.6 24.9 37.3

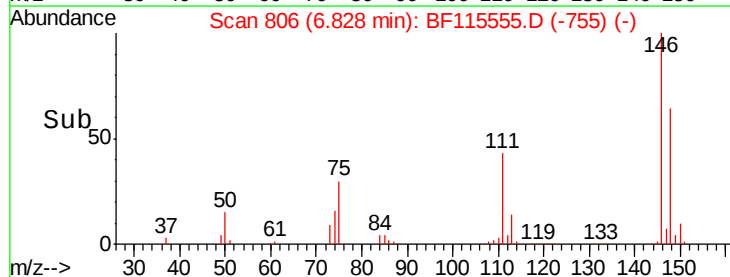
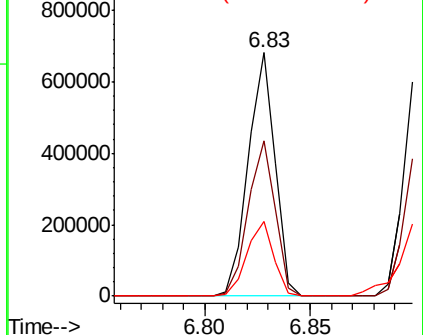


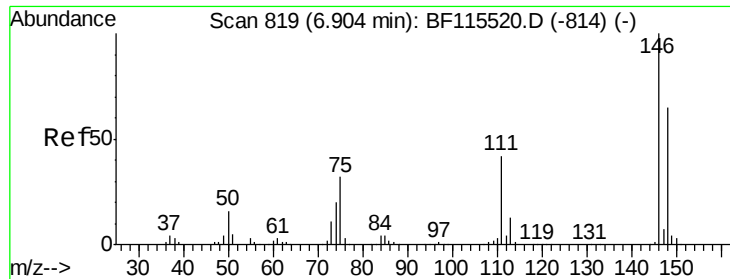
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

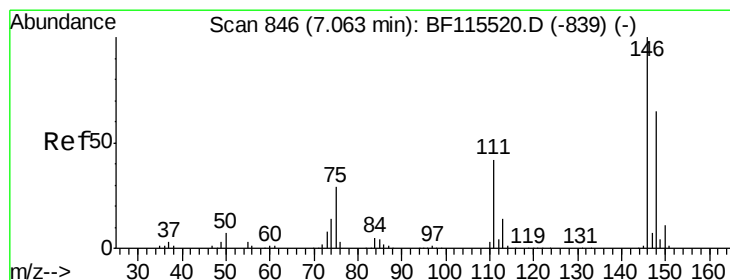
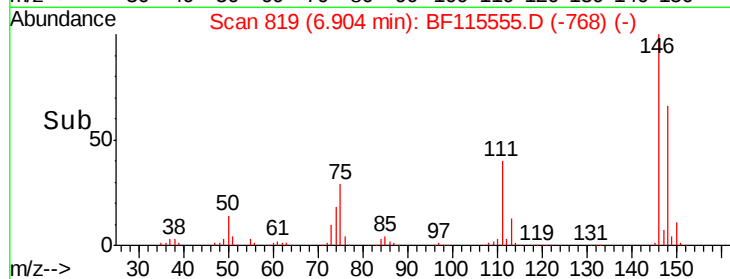
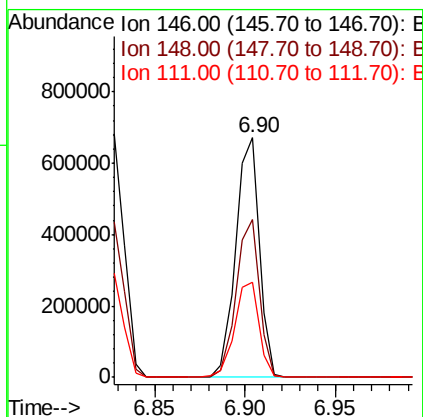
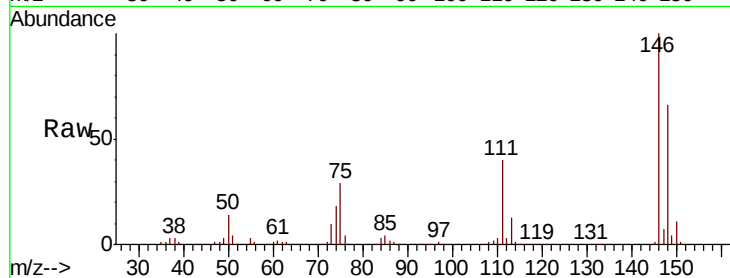




#13
 1,4-Dichlorobenzene
 Concen: 28.179 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

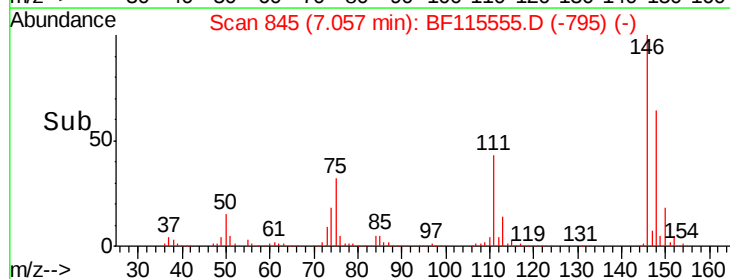
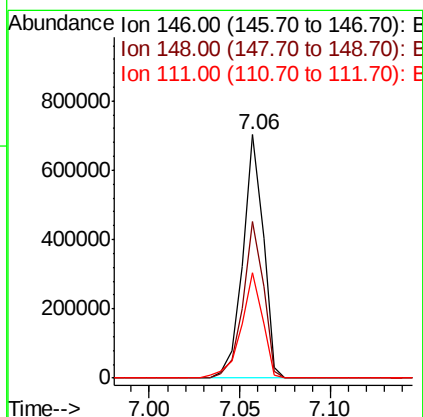
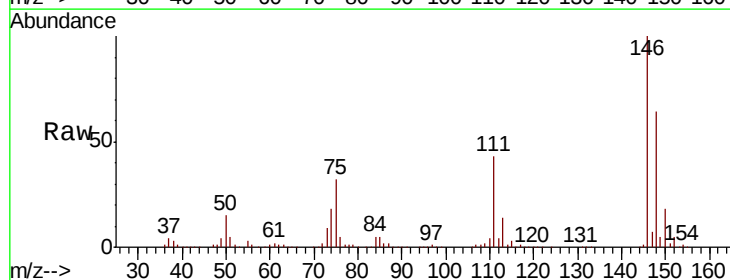
Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

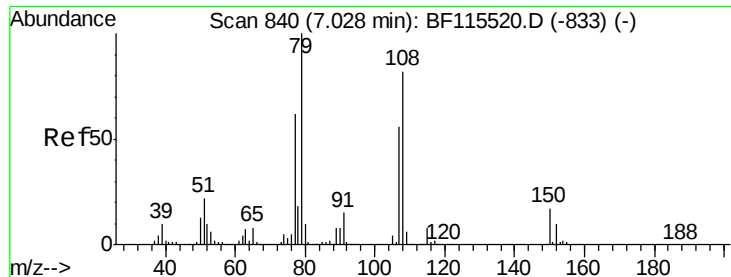
Tot Ion:146 Resp: 609977
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 39.6 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 27.803 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:146 Resp: 550160
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 43.4 37.6 56.4





#15

Benzyl Alcohol

Concen: 29.854 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

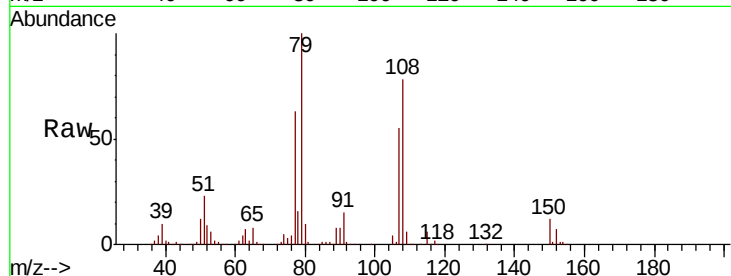
Tot Ion: 79 Resp: 504360

Ion Ratio Lower Upper

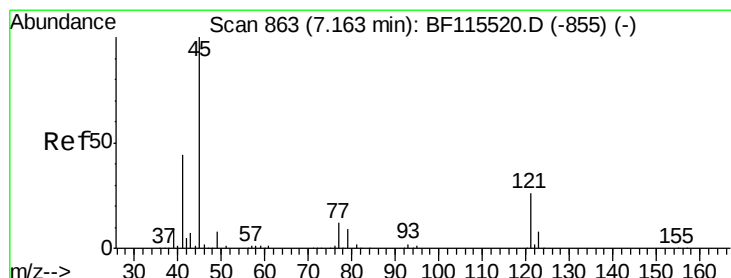
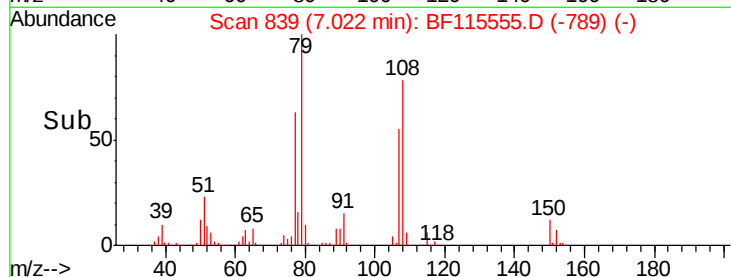
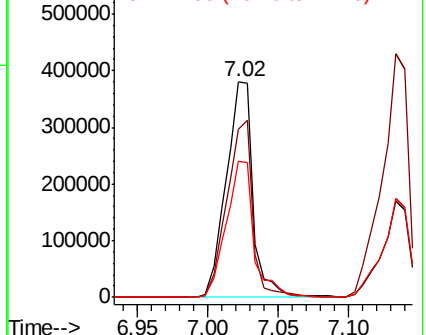
79 100

108 77.8 64.2 96.4

77 62.9 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.821 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

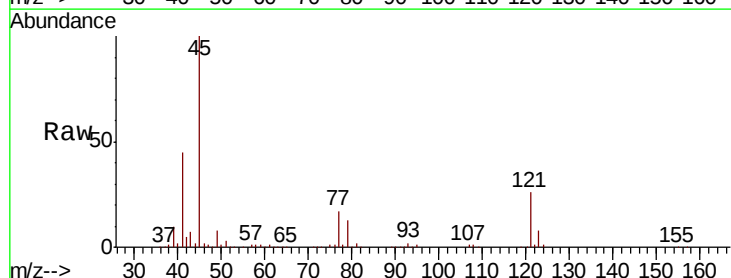
Tgt Ion: 45 Resp: 689417

Ion Ratio Lower Upper

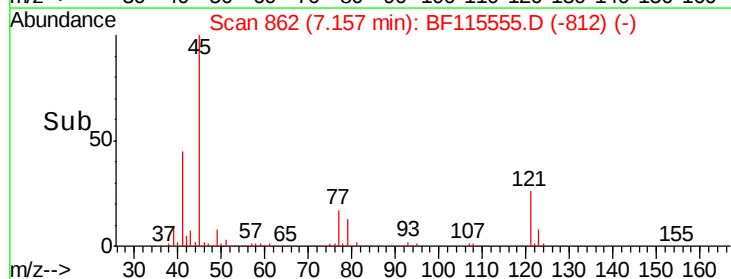
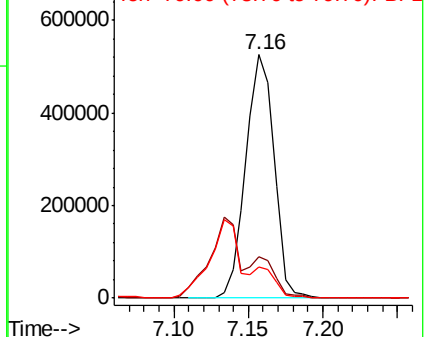
45 100

77 16.9 0.0 38.1

79 12.6 0.0 34.1



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

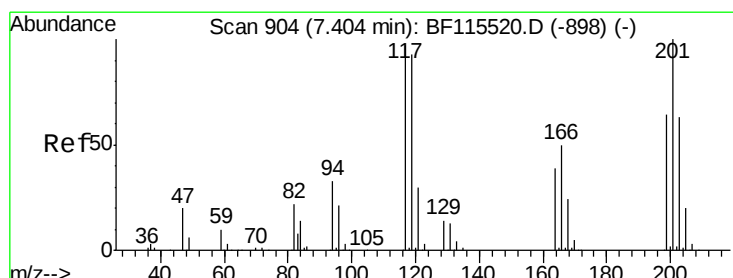
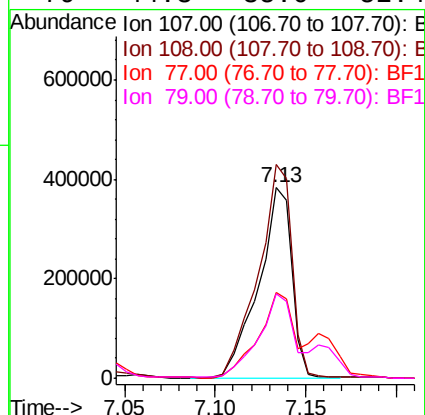
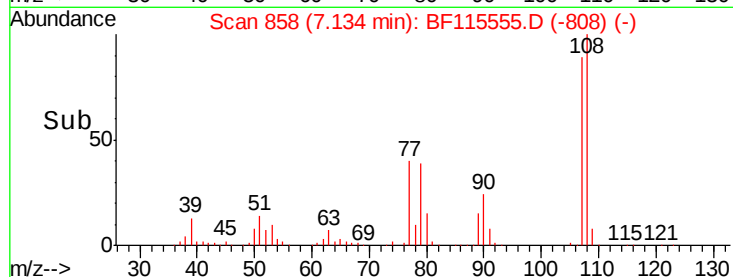
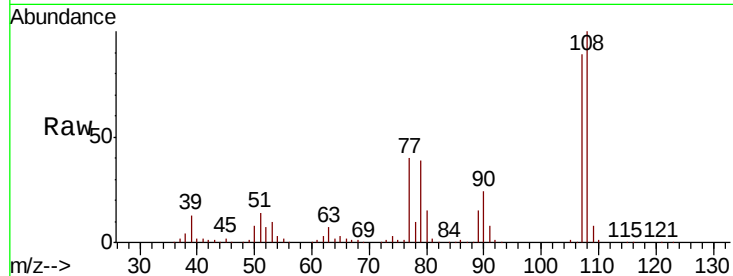




#17
2-Methylphenol
Concen: 29.304 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

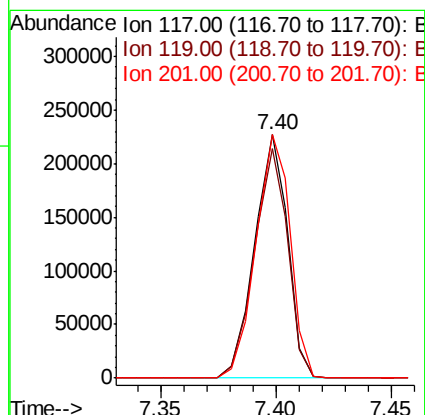
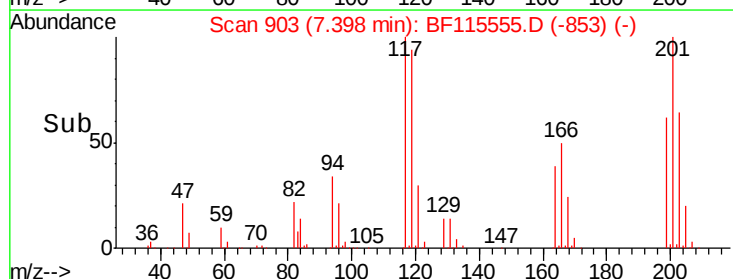
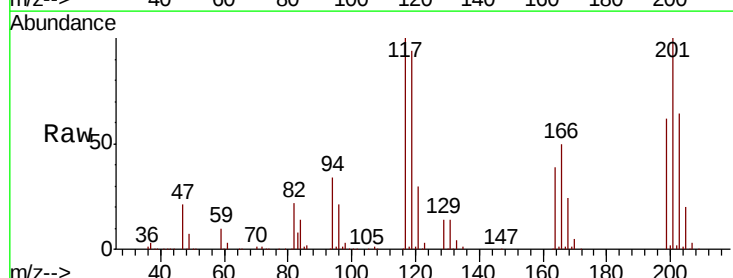
Instrument :
BNA_F
ClientSampleId :
PB121261BS

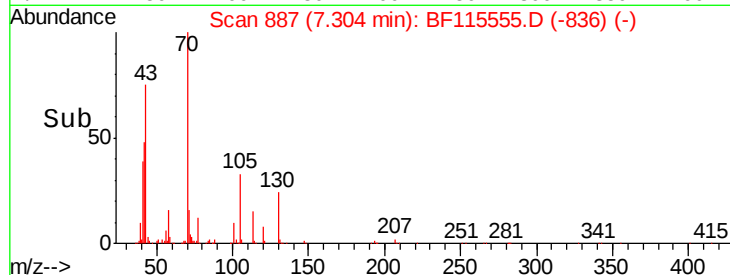
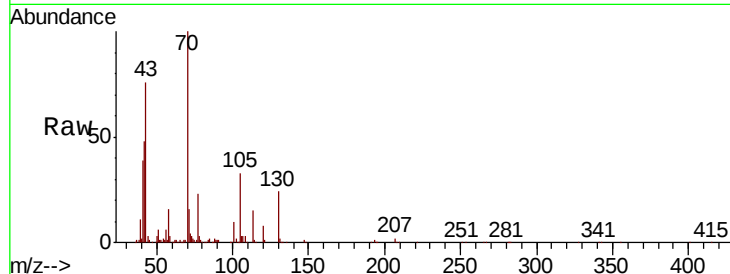
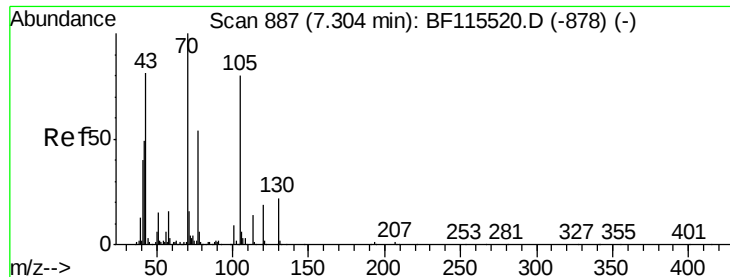
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.2
77	45.4	35.7	53.5
79	44.3	35.0	52.4



#18
Hexachloroethane
Concen: 28.141 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.7	116.5
201	99.8	86.0	129.0

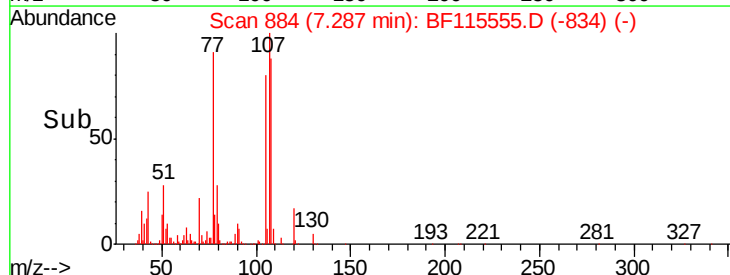
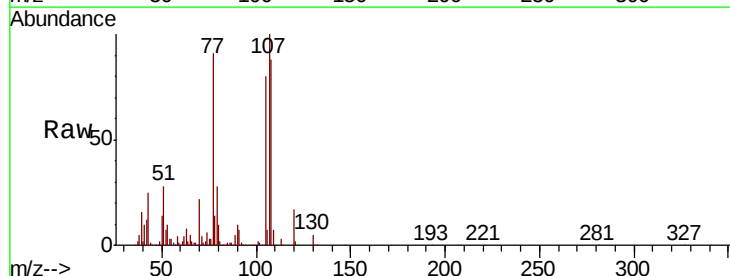
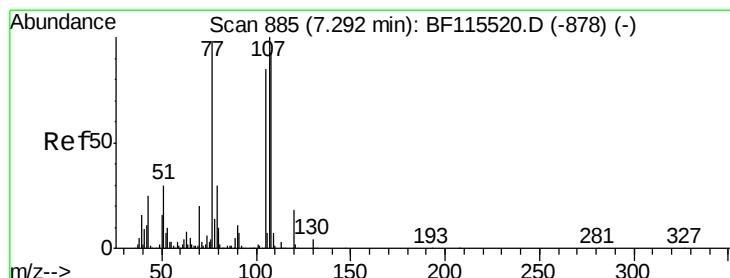
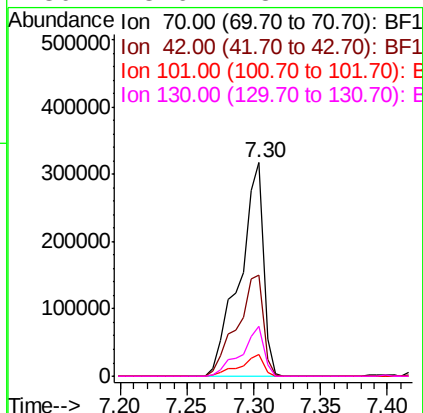




#19
n-Nitroso-di-n-propylamine
Concen: 28.259 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

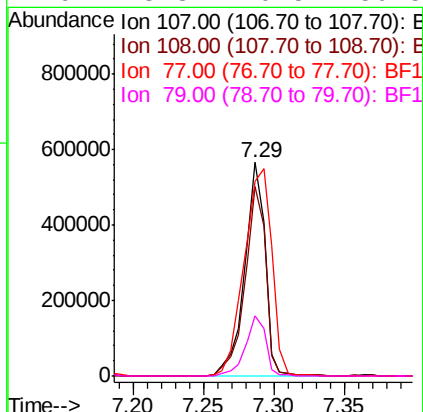
Instrument :
BNA_F
ClientSampleId :
PB121261BS

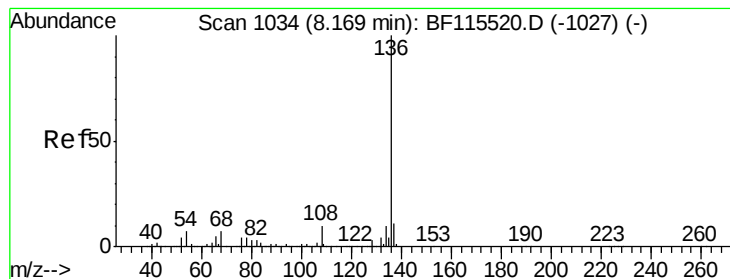
Tot Ion:	70	Resp:	392506
Ion	Ratio	Lower	Upper
70	100		
42	47.6	39.6	59.4
101	10.1	8.1	12.1
130	23.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 28.799 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:	107	Resp:	568872
Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.9	112.9
77	91.3	77.6	117.6
79	28.3	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

Tot Ion:136 Resp: 1063632

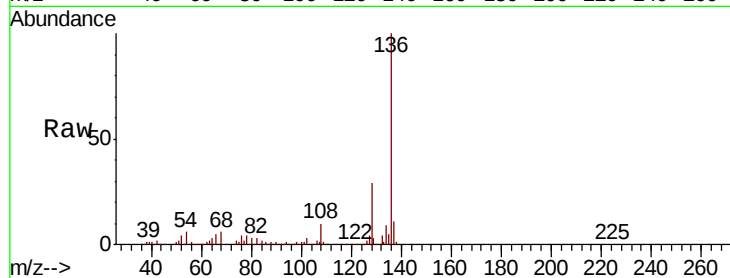
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.2 5.6 8.4

68 5.8 5.0 7.6

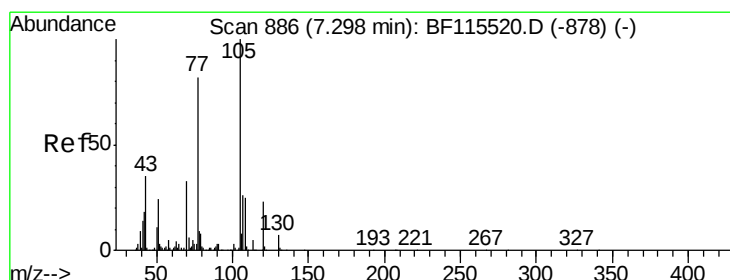
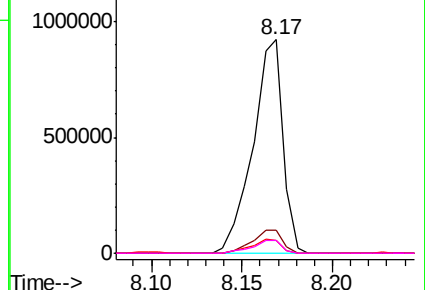
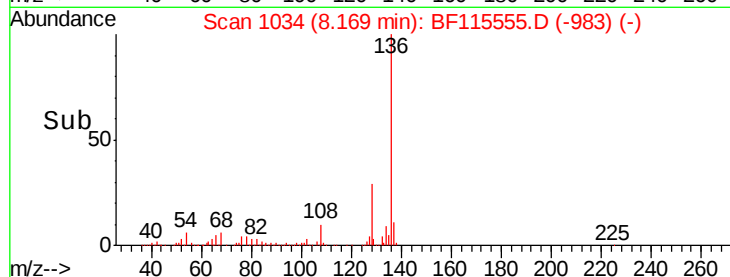


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.443 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Tgt Ion:105 Resp: 779585

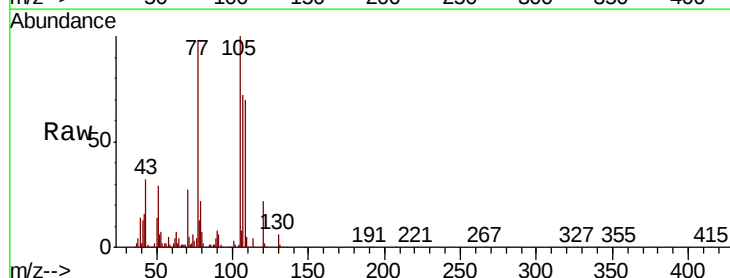
Ion Ratio Lower Upper

105 100

71 4.7 3.5 5.3

51 29.3 25.6 38.4

120 22.2 17.9 26.9

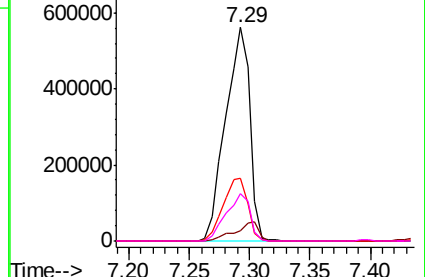
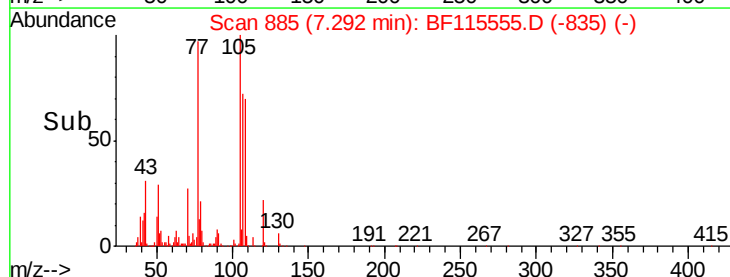


Abundance Ion 105.00 (104.70 to 105.70): E

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

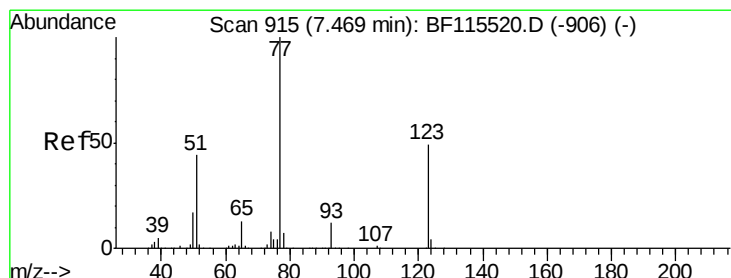
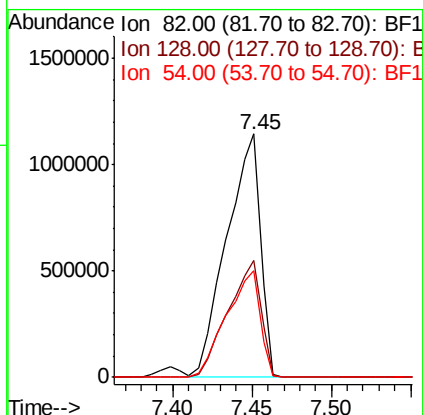
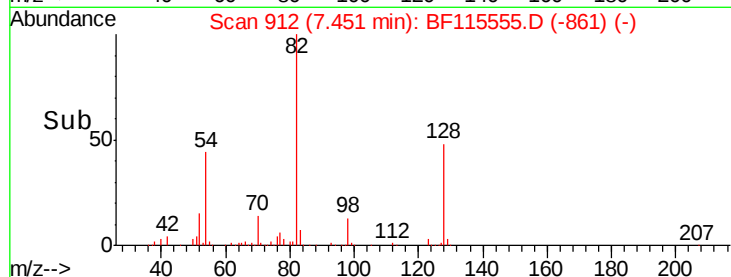
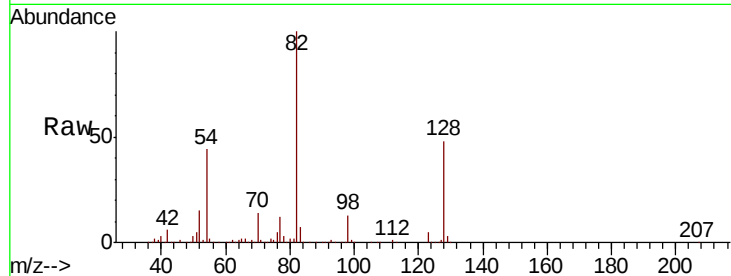




#23
 Nitrobenzene-d5
 Concen: 92.277 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

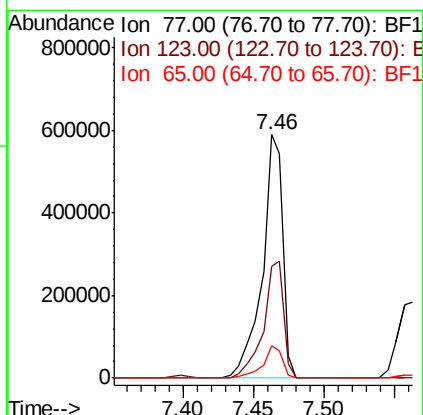
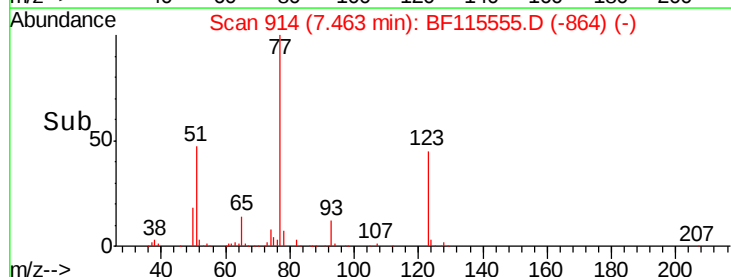
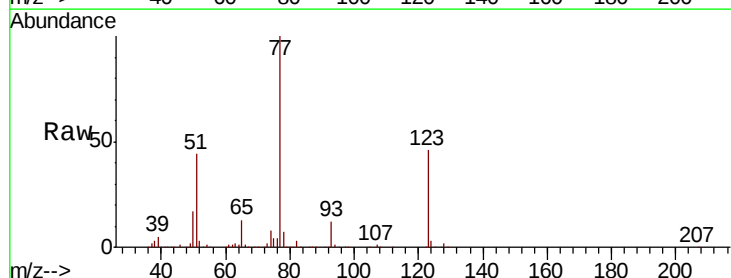
Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion: 82 Resp: 1687961
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.6 57.8
 54 43.8 35.6 53.4



#24
 Nitrobenzene
 Concen: 30.495 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion: 77 Resp: 601655
 Ion Ratio Lower Upper
 77 100
 123 45.8 40.0 60.0
 65 13.2 11.0 16.4

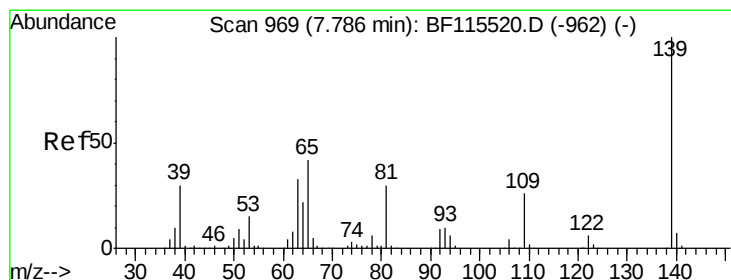
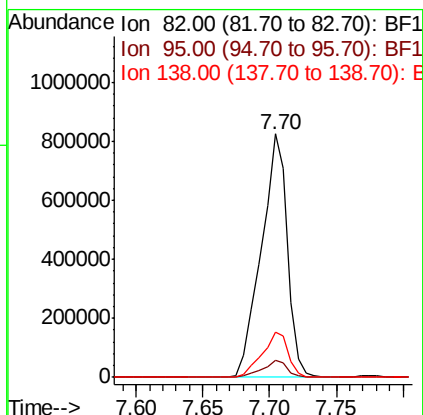
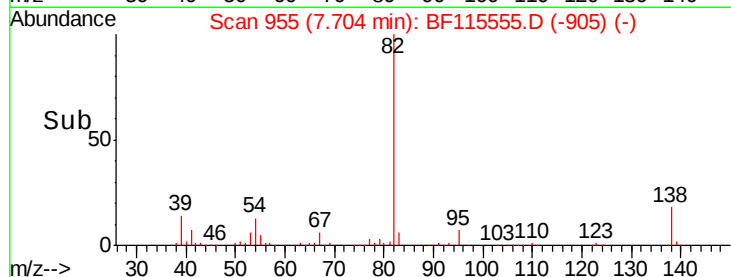
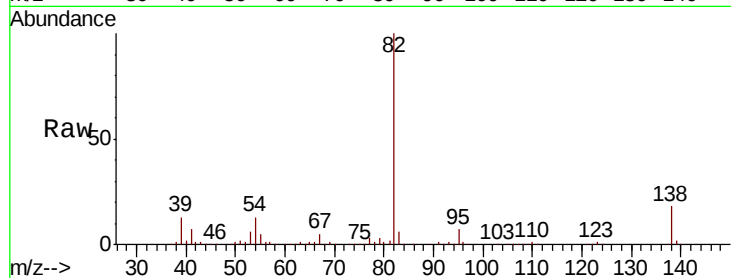




#25
Isophorone
Concen: 30.354 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

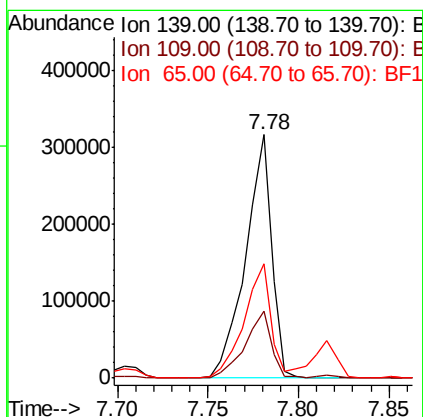
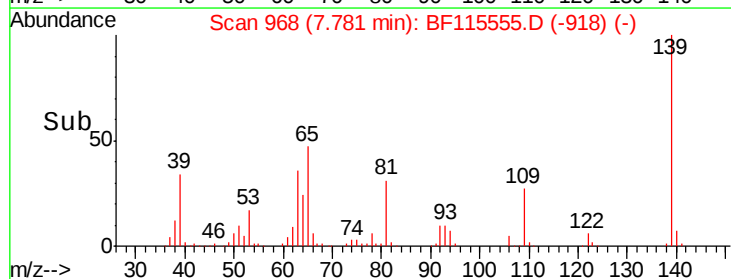
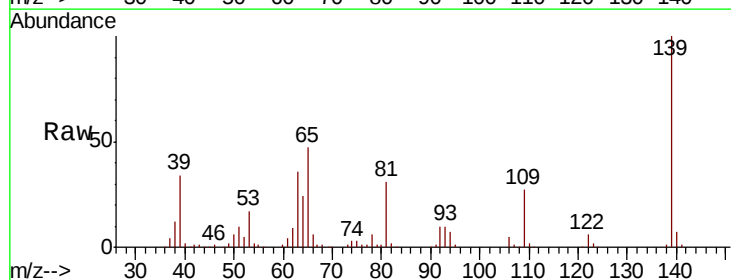
Instrument :
BNA_F
ClientSampled :
PB121261BS

Tot Ion: 82 Resp: 1111039
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 31.249 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion: 139 Resp: 317337
Ion Ratio Lower Upper
139 100
109 27.4 23.3 34.9
65 46.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 35.701 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

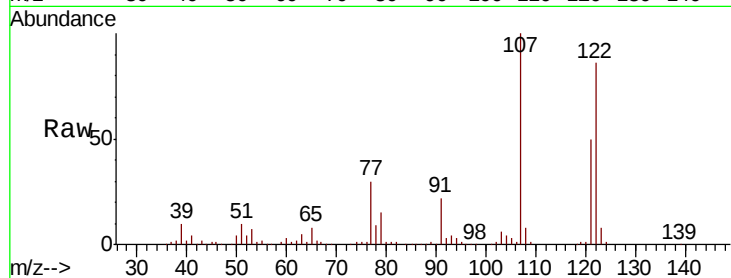
Tot Ion:122 Resp: 542459

Ion Ratio Lower Upper

122 100

107 116.0 92.9 139.3

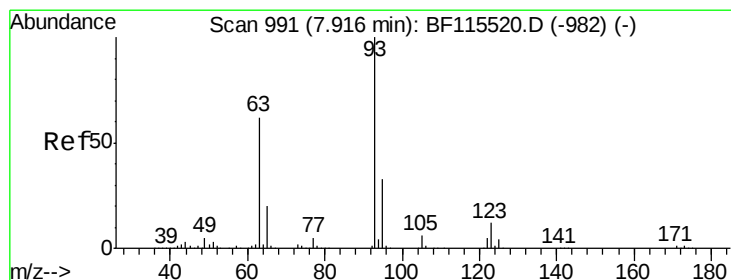
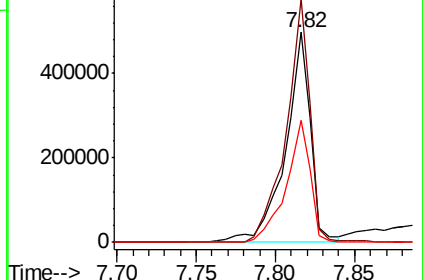
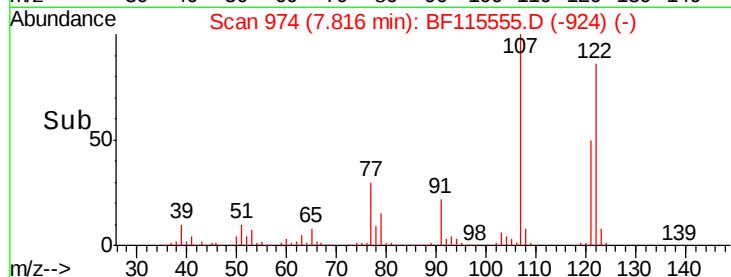
121 58.0 46.9 70.3



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: 30.489 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

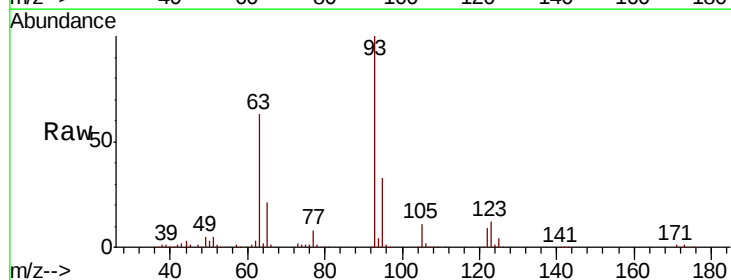
Tgt Ion: 93 Resp: 684637

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

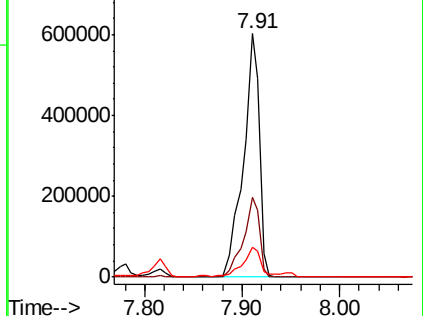
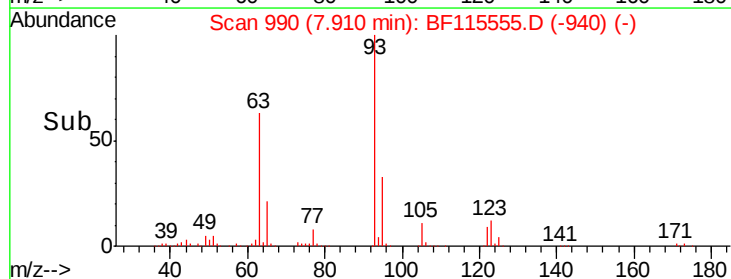
123 12.4 9.9 14.9



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

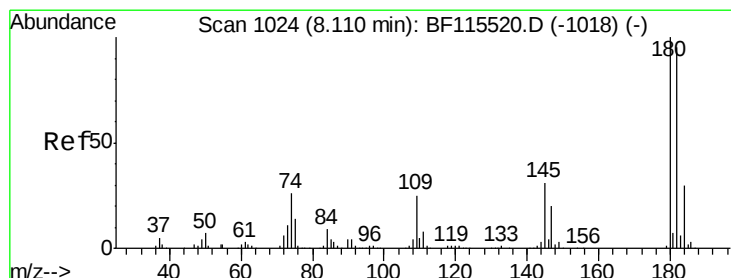
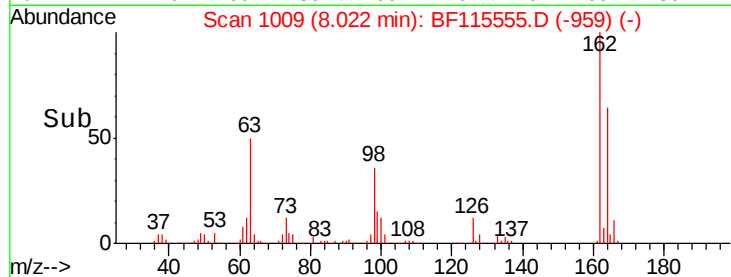
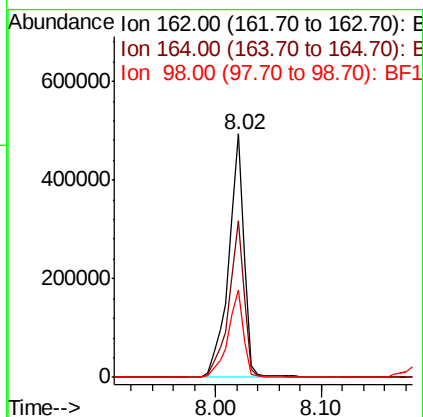
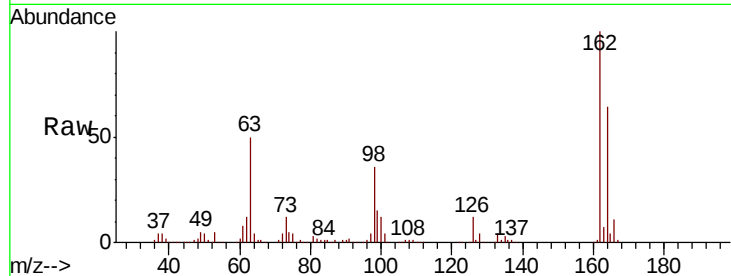




#29
 2,4-Dichlorophenol
 Concen: 31.674 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

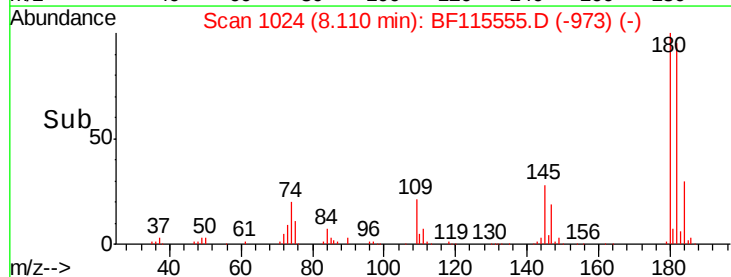
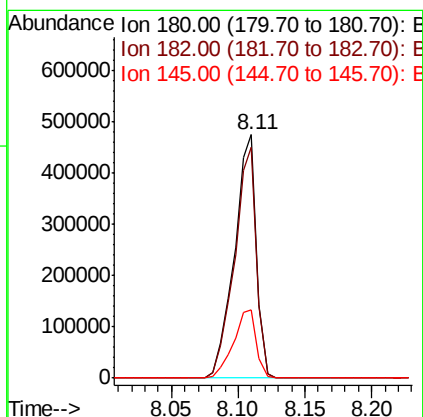
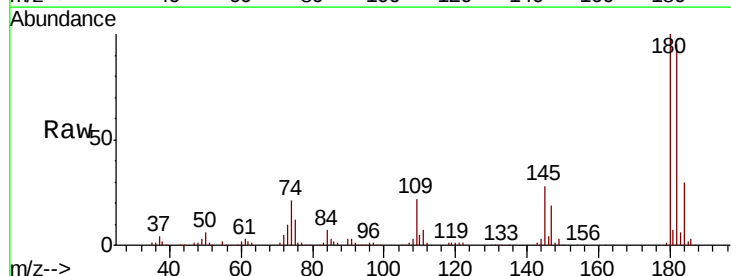
Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

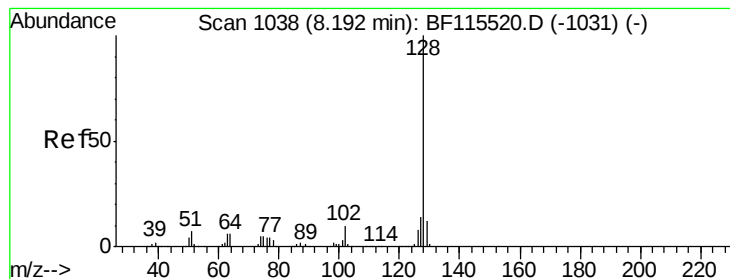
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	35.7	17.7	57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 30.654 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	28.2	25.1	37.7





#31

Naphthalene

Concen: 31.558 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

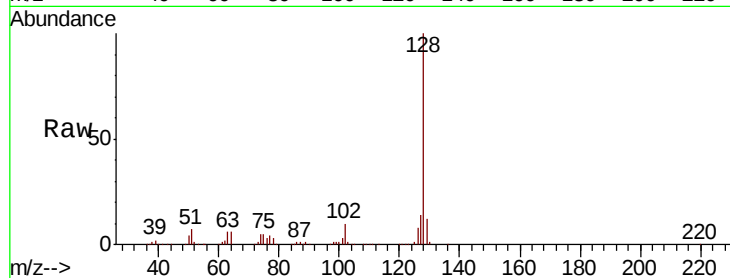
Tot Ion:128 Resp: 1625591

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

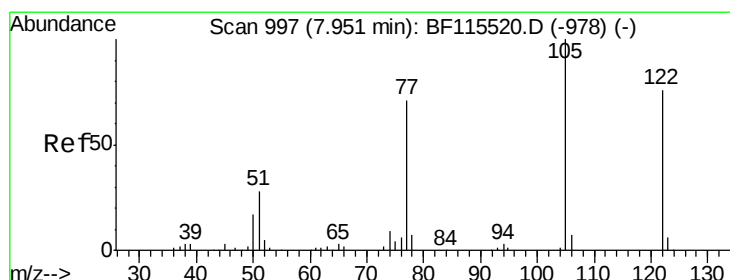
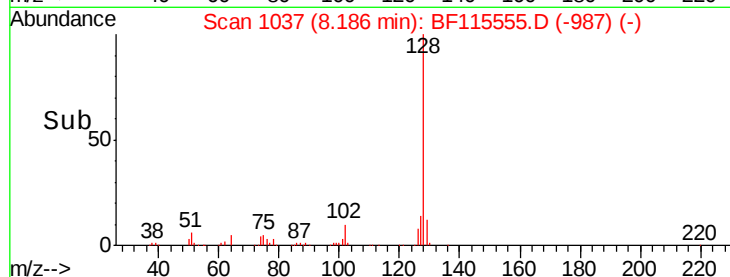
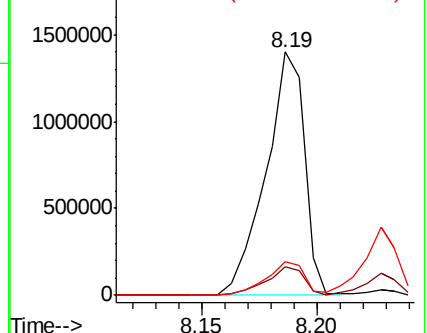
127 14.0 12.1 18.1



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: 29.611 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

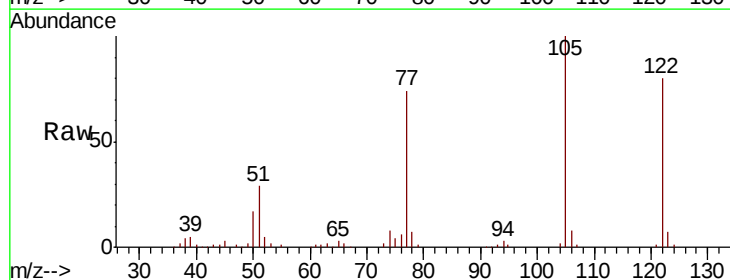
Tgt Ion:122 Resp: 369246

Ion Ratio Lower Upper

122 100

105 124.6 102.5 142.5

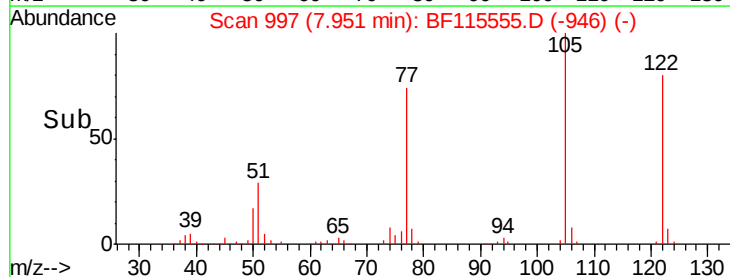
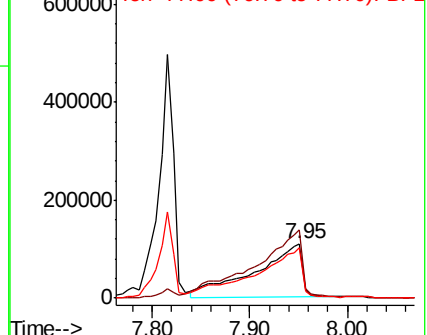
77 92.6 70.2 110.2



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

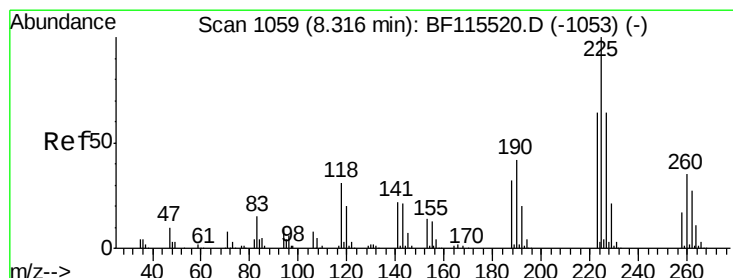
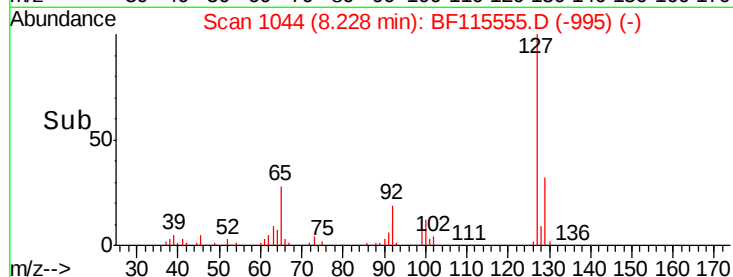
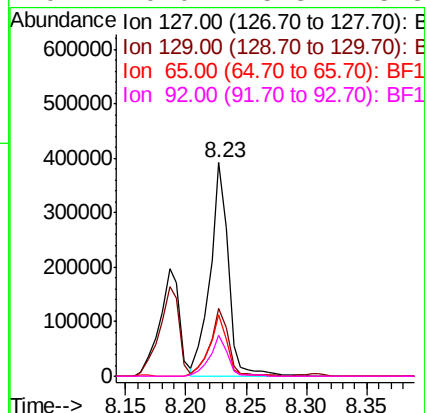
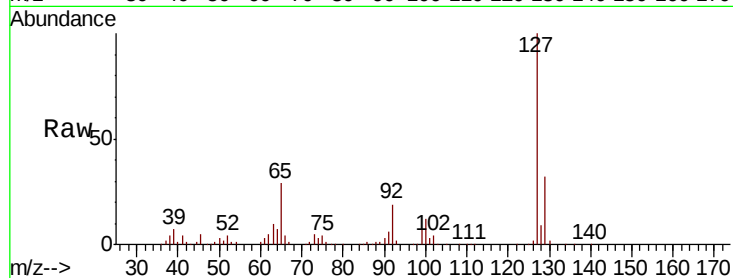




#33
4-Chloroaniline
Concen: 17.860 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

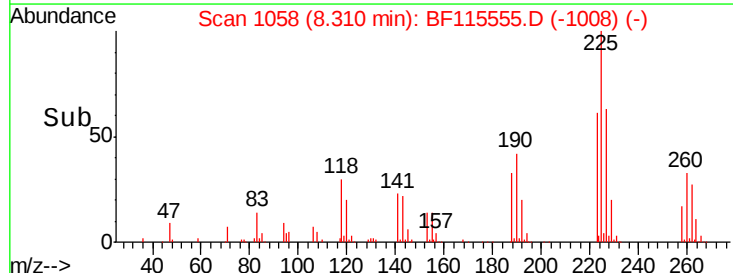
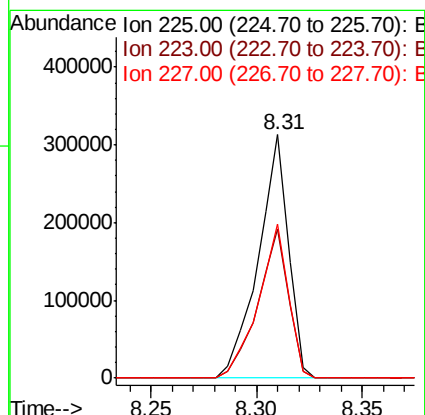
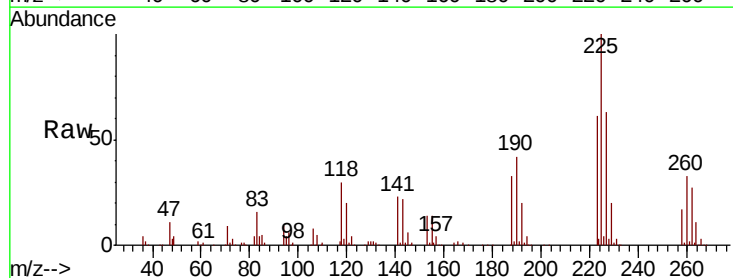
Instrument :
BNA_F
ClientSampleId :
PB121261BS

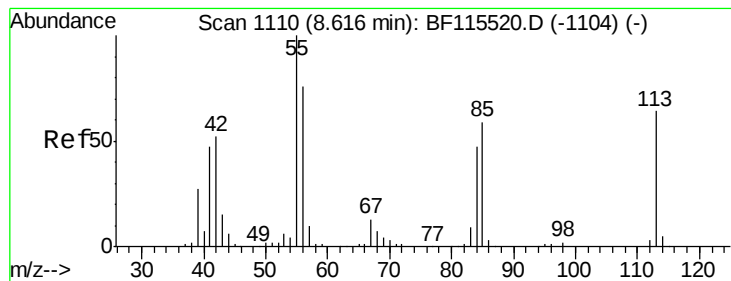
Tot Ion:	127	Resp:	407512
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	29.1	23.7	35.5
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 30.321 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:	225	Resp:	310596
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.9	76.3
227	63.3	50.7	76.1





#35

Caprolactam

Concen: 32.734 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleID :

PB121261BS

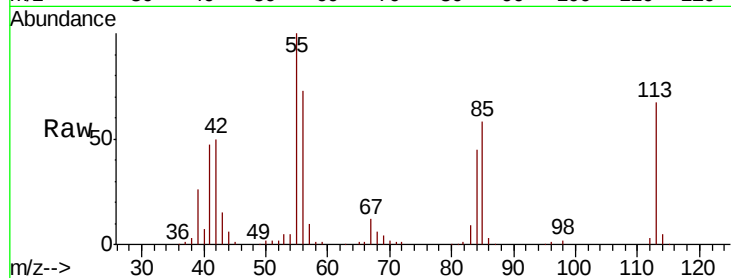
Tot Ion: 113 Resp: 159845

Ion Ratio Lower Upper

113 100

55 150.3 126.9 166.9

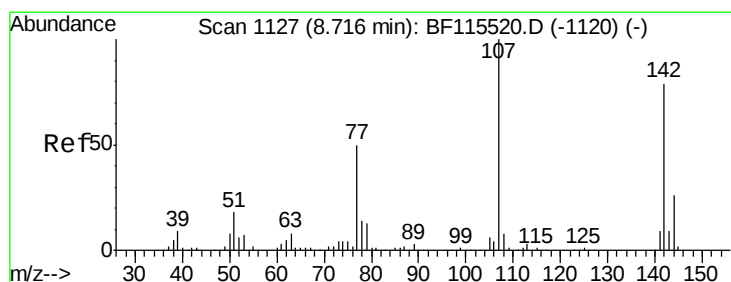
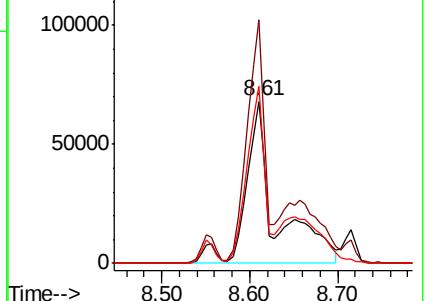
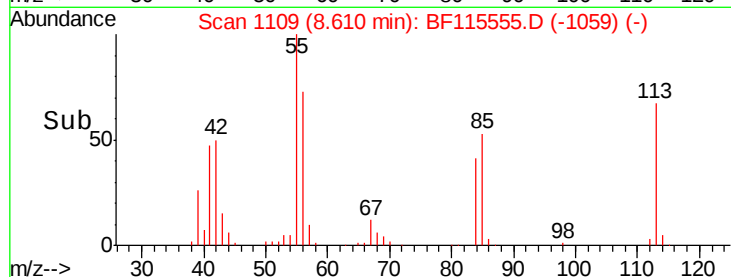
56 109.6 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 31.665 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

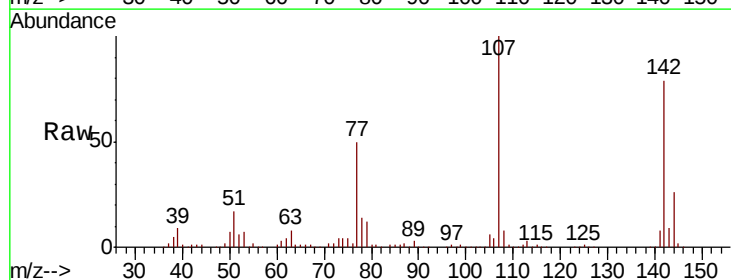
Tgt Ion: 107 Resp: 519055

Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

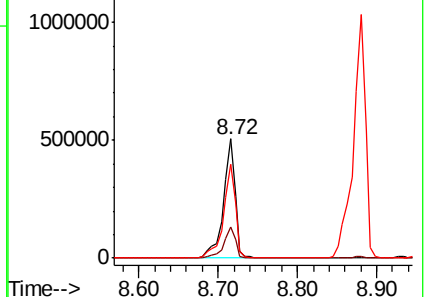
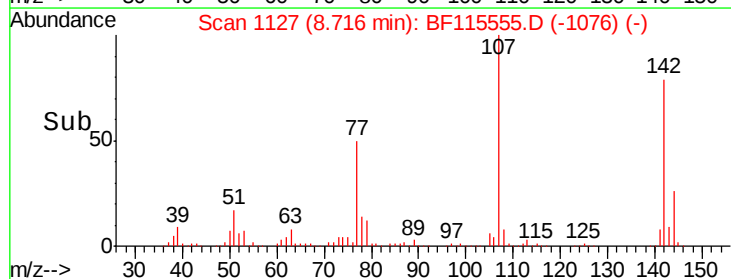
142 79.4 63.1 94.7

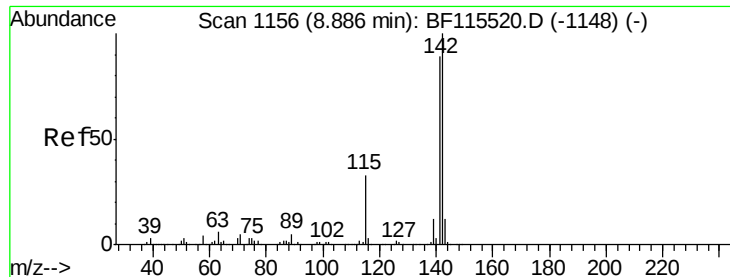


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

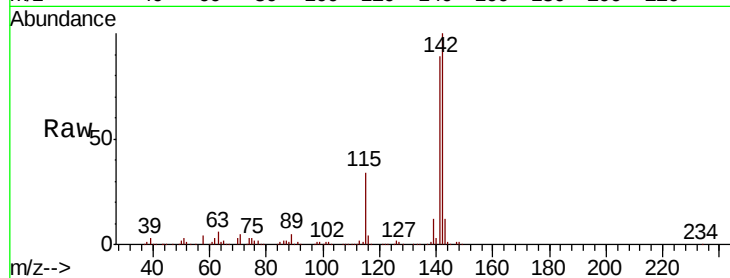




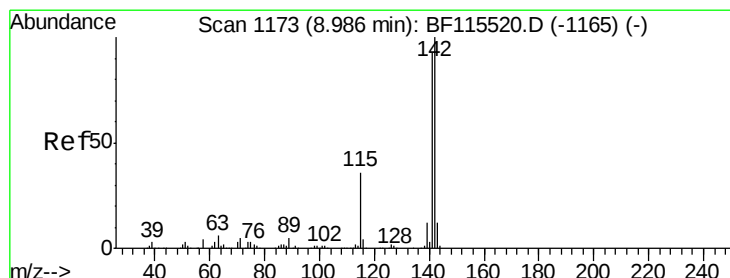
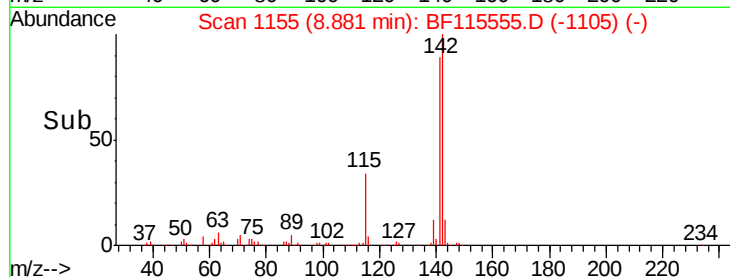
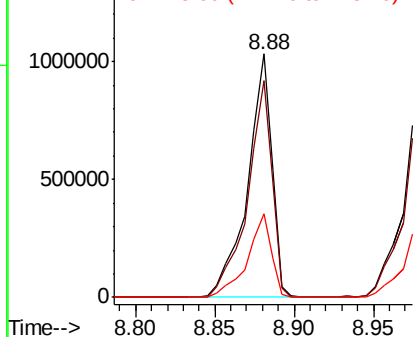
#37
2-Methylnaphthalene
Concen: 32.125 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :
PB121261BS

Tot Ion:142 Resp: 1096936
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0
115 34.2 29.9 44.9

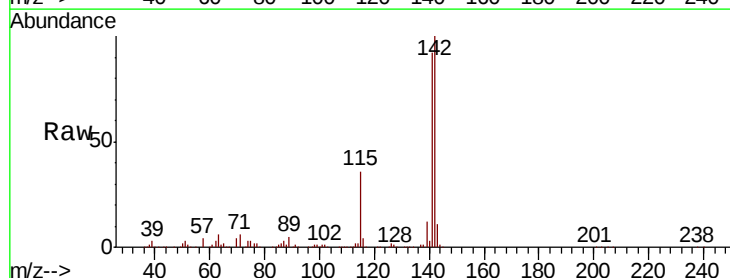


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

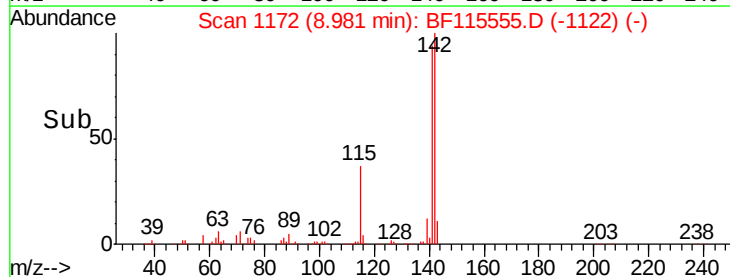
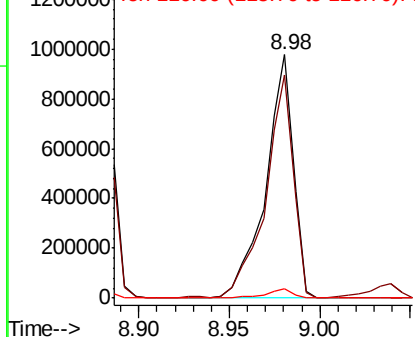


#38
1-Methylnaphthalene
Concen: 31.870 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:142 Resp: 1033628
Ion Ratio Lower Upper
142 100
141 91.9 75.3 112.9
116 3.8 3.3 4.9



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

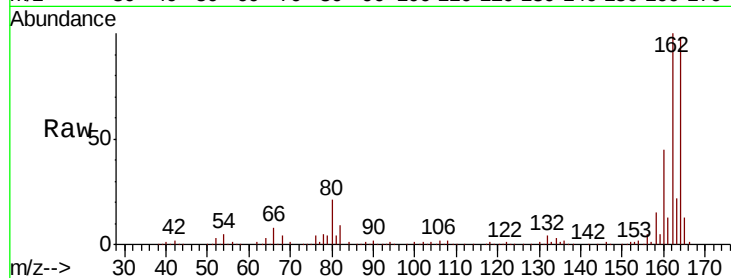
Tot Ion:164 Resp: 528331

Ion Ratio Lower Upper

164 100

162 102.5 82.9 124.3

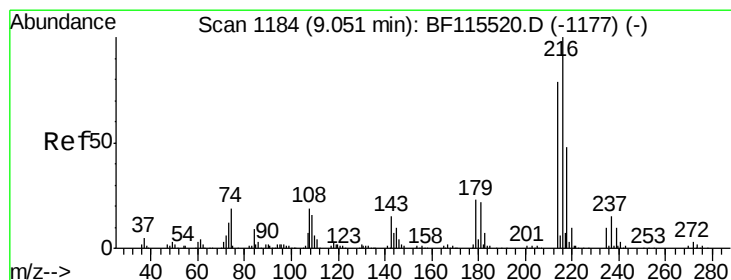
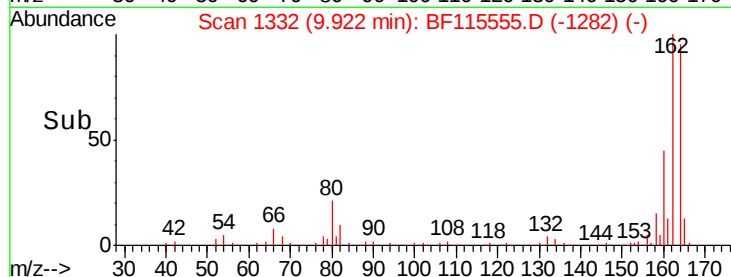
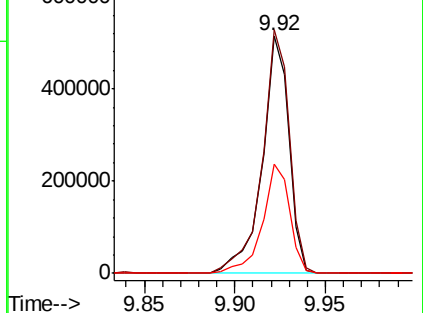
160 46.0 36.8 55.2



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: 31.484 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Tgt Ion:216 Resp: 500901

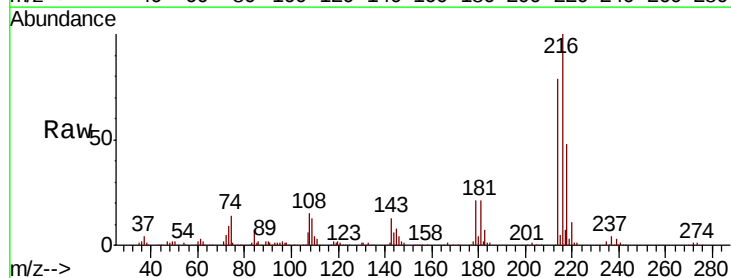
Ion Ratio Lower Upper

216 100

214 79.3 65.1 97.7

179 21.9 18.3 27.5

108 20.6 15.7 23.5

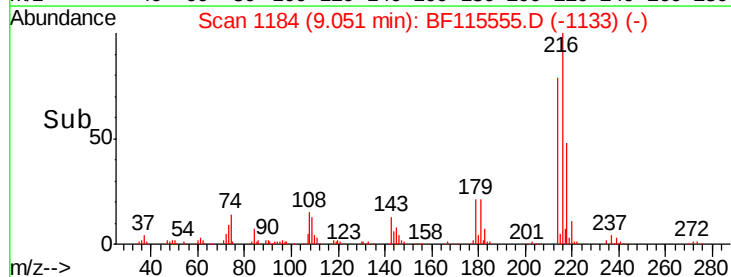
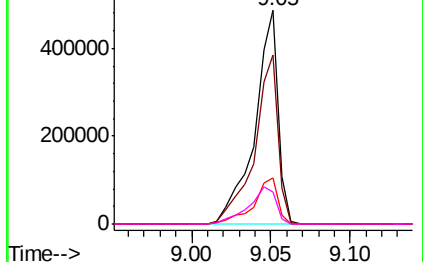


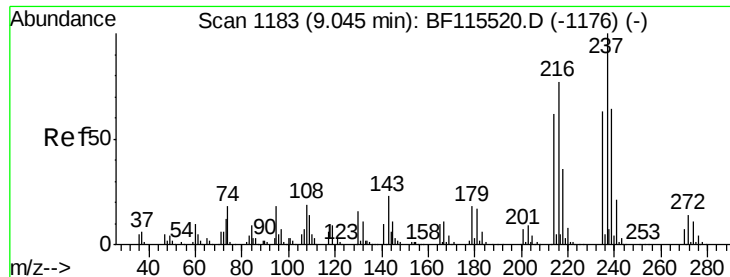
Abundance Ion 216.00 (215.70 to 216.70): E

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

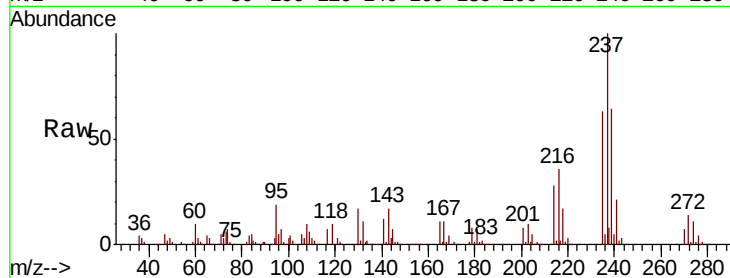




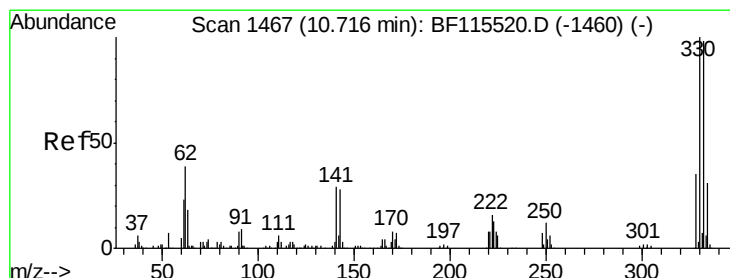
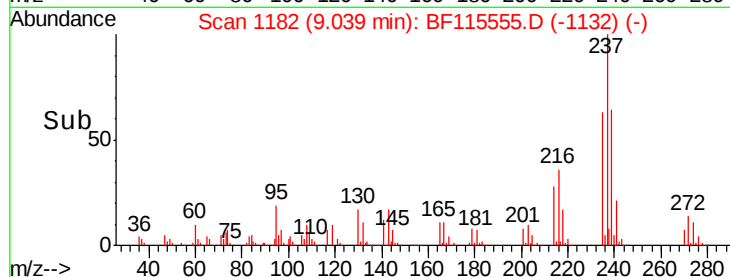
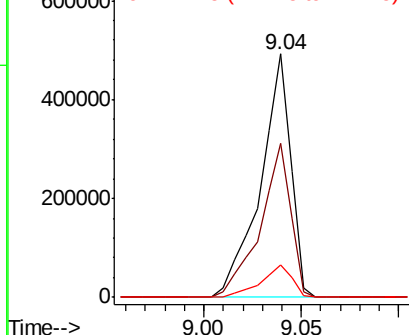
#41
Hexachlorocyclopentadiene
Concen: 58.470 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :
PB121261BS

Tot Ion:237 Resp: 530652
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 13.6 0.0 33.9

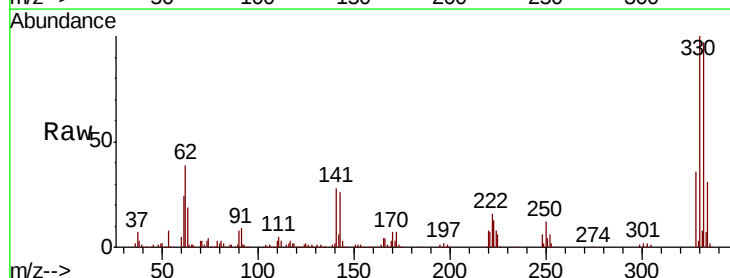


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

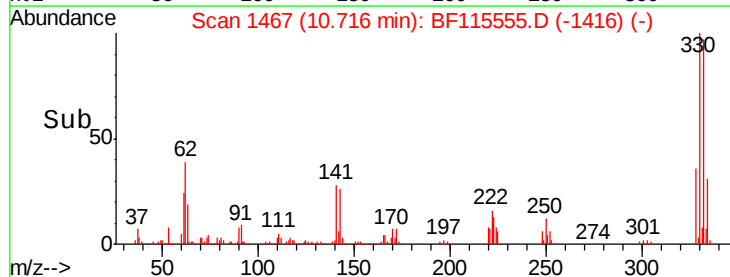
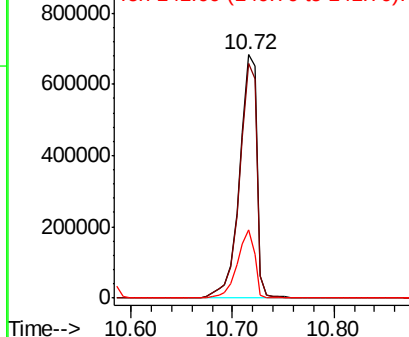


#42
2,4,6-Tribromophenol
Concen: 132.266 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:330 Resp: 815669
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 28.1 22.4 33.6



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

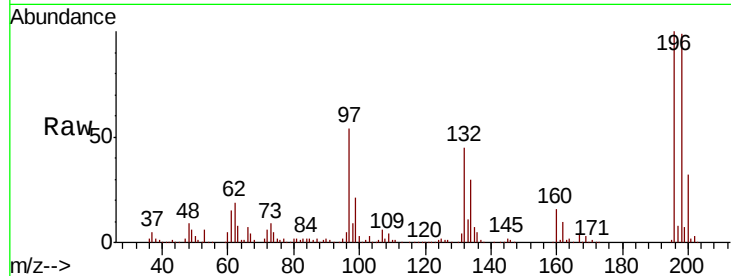




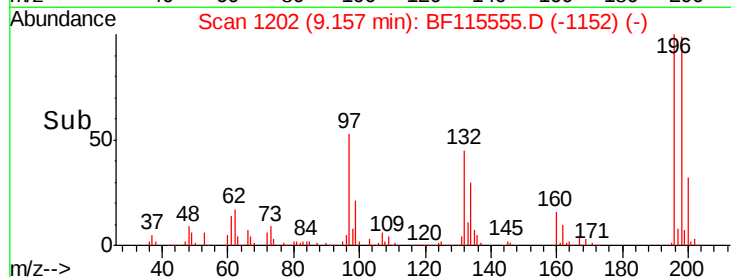
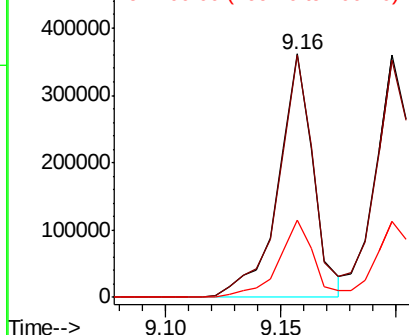
#43
 2,4,6-Trichlorophenol
 Concen: 32.362 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion:196 Resp: 376531
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 121.0
 200 31.7 25.8 38.6



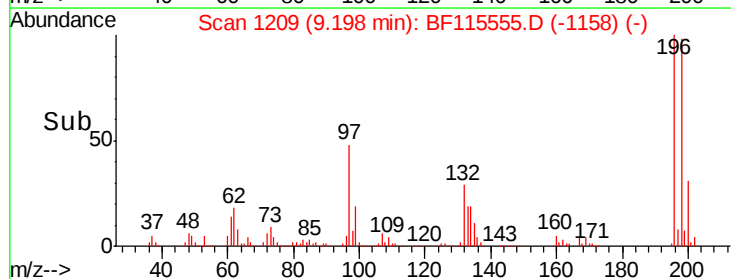
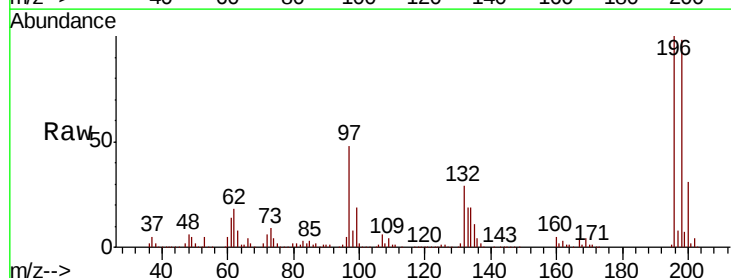
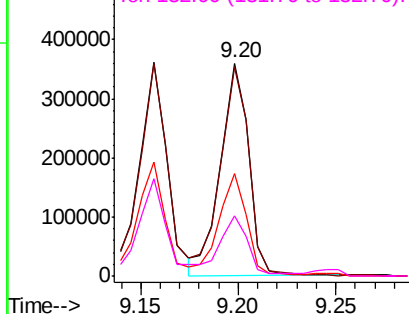
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

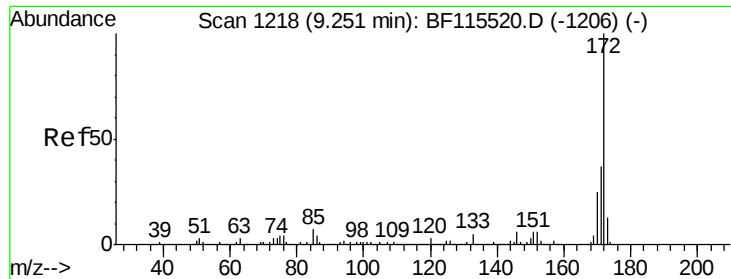


#44
 2,4,5-Trichlorophenol
 Concen: 30.376 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:196 Resp: 361941
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.6 119.4
 97 48.1 37.8 56.6
 132 28.5 22.8 34.2

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

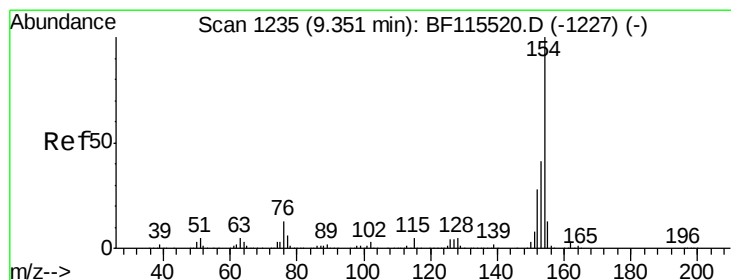
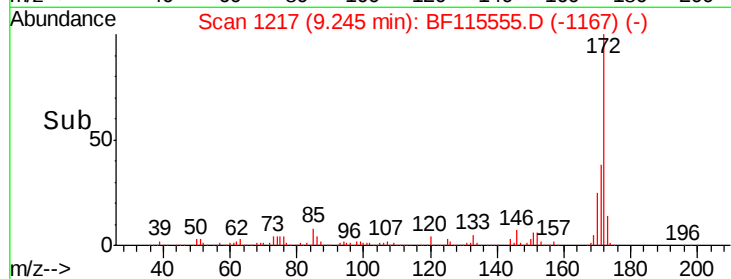
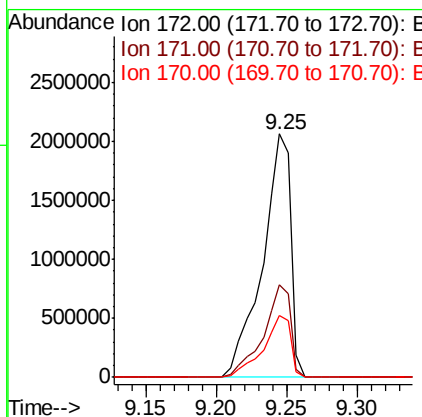
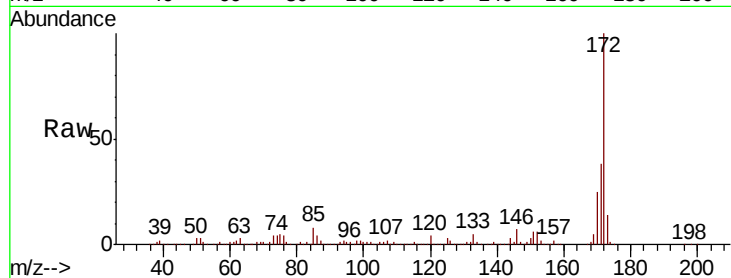




#45
2-Fluorobiphenyl
Concen: 96.046 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

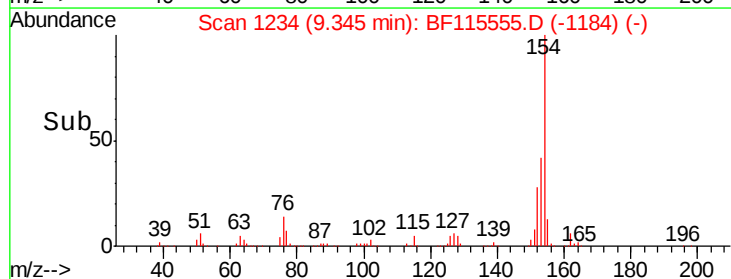
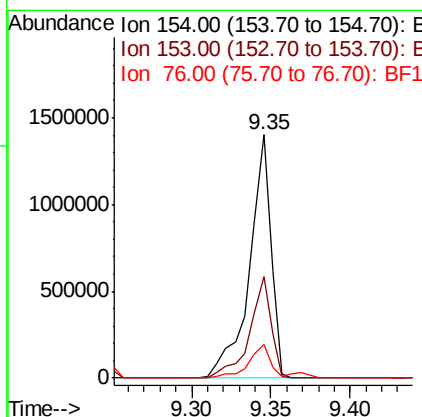
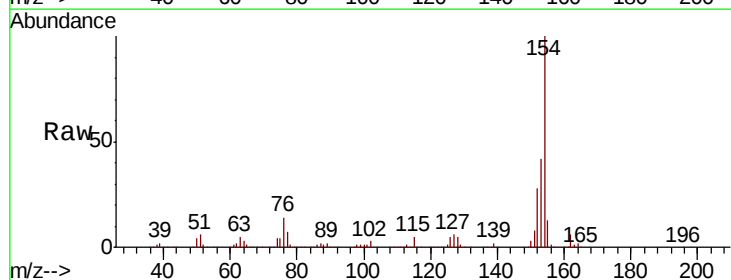
Instrument :
BNA_F
ClientSampleId :
PB121261BS

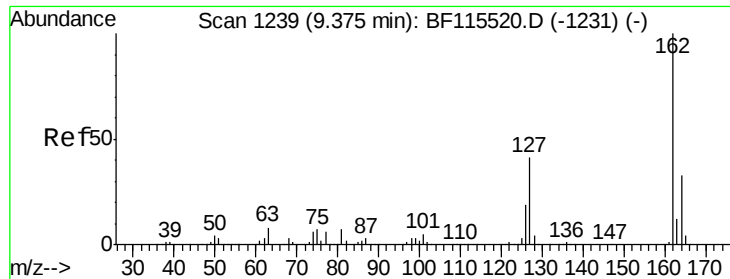
Tot Ion:172 Resp: 2899187
Ion Ratio Lower Upper
172 100
171 38.0 30.6 46.0
170 25.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 32.041 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:154 Resp: 1323413
Ion Ratio Lower Upper
154 100
153 41.8 22.6 62.6
76 13.6 0.0 33.4

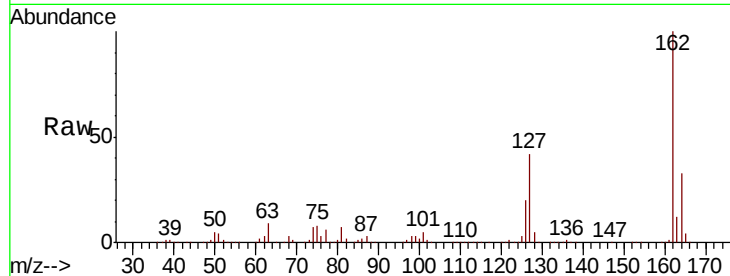




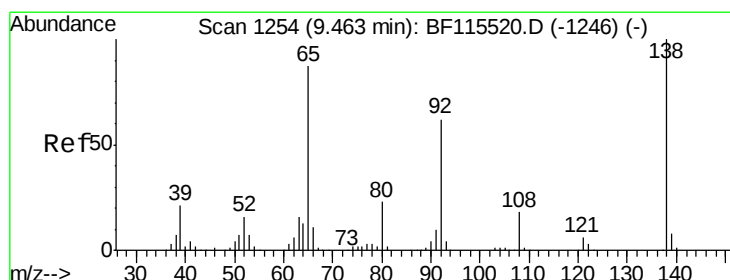
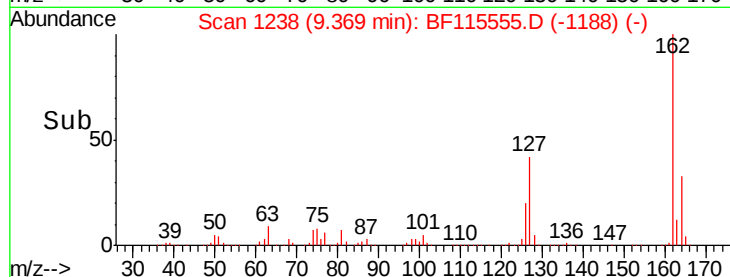
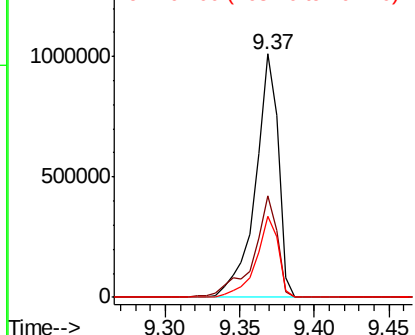
#47
 2-Chloronaphthalene
 Concen: 30.788 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion:162 Resp: 1058851
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.1 51.1
 164 33.5 27.4 41.2

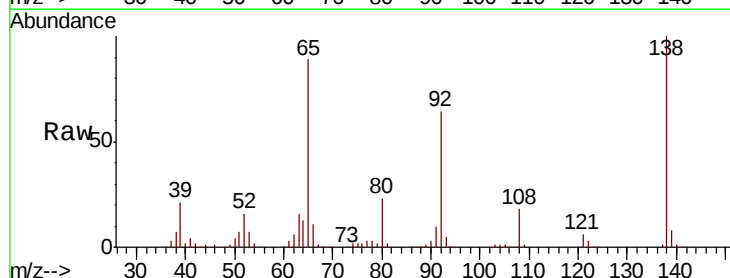


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

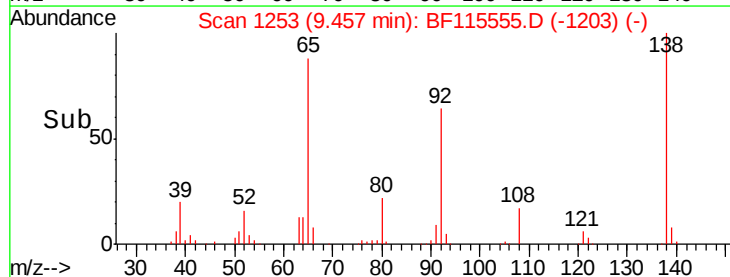
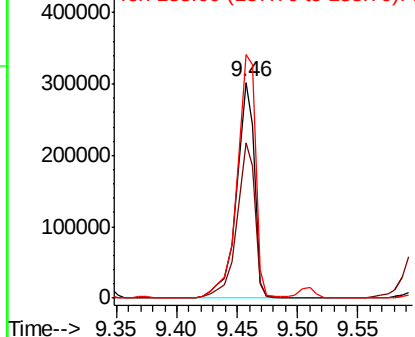


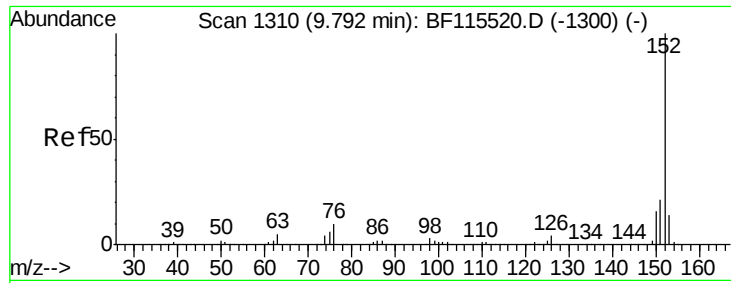
#48
 2-Nitroaniline
 Concen: 29.465 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion: 65 Resp: 313652
 Ion Ratio Lower Upper
 65 100
 92 72.1 57.8 86.6
 138 112.9 91.2 136.8



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: 30.942 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

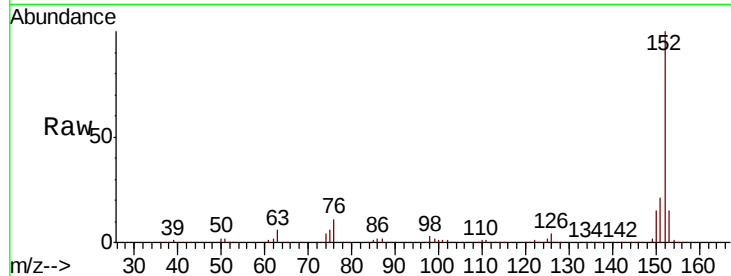
Tot Ion:152 Resp: 1576808

Ion Ratio Lower Upper

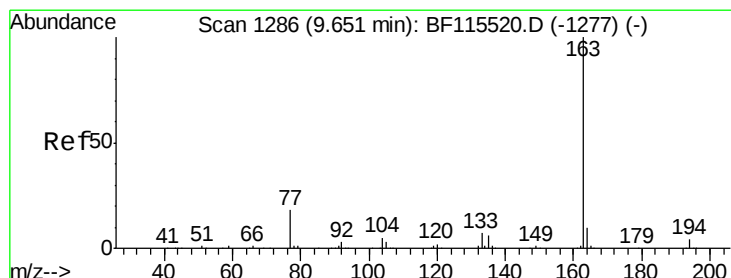
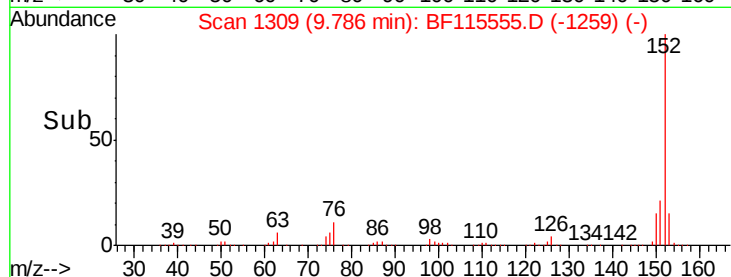
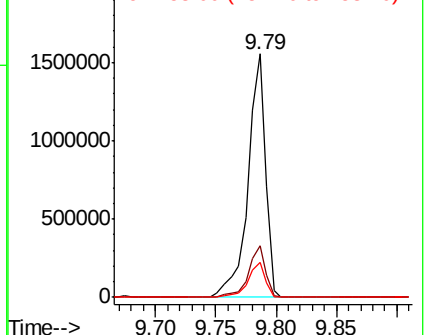
152 100

151 21.4 17.7 26.5

153 14.6 12.0 18.0



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: 30.544 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

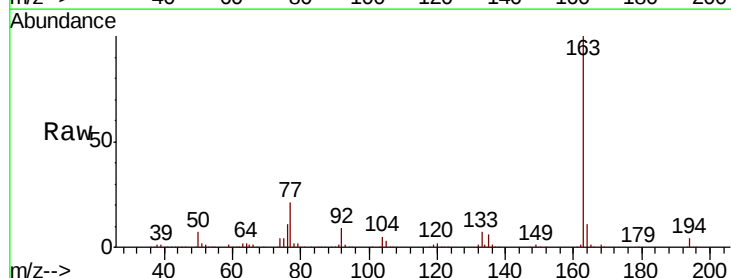
Tgt Ion:163 Resp: 1214107

Ion Ratio Lower Upper

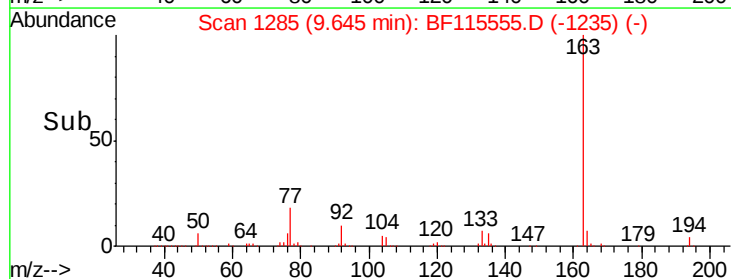
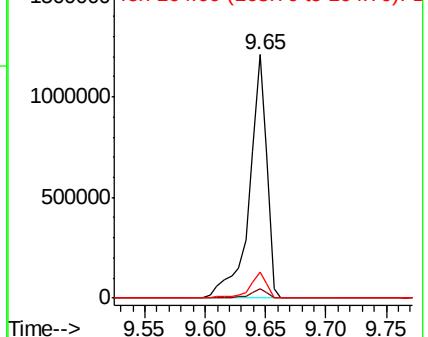
163 100

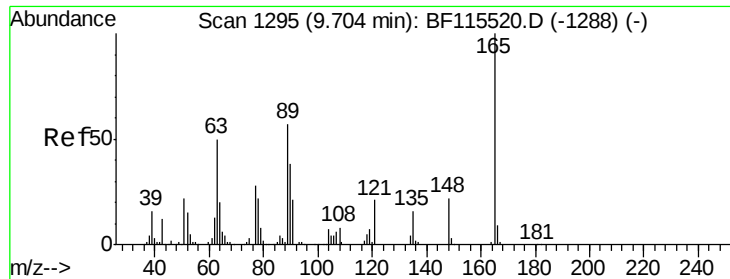
194 4.0 3.3 4.9

164 10.7 8.7 13.1



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: 31.444 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

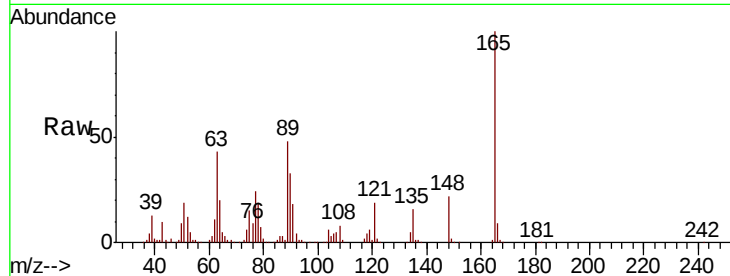
Tot Ion:165 Resp: 284048

Ion Ratio Lower Upper

165 100

63 43.2 40.6 61.0

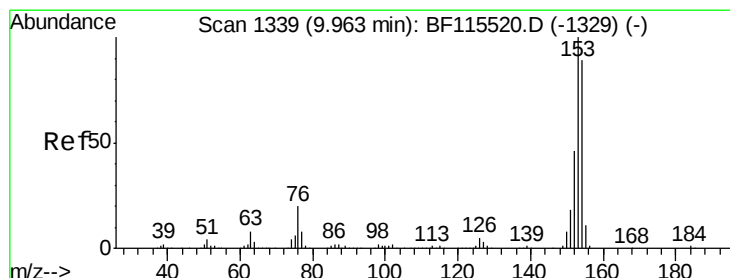
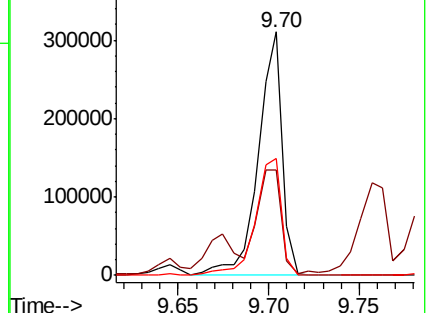
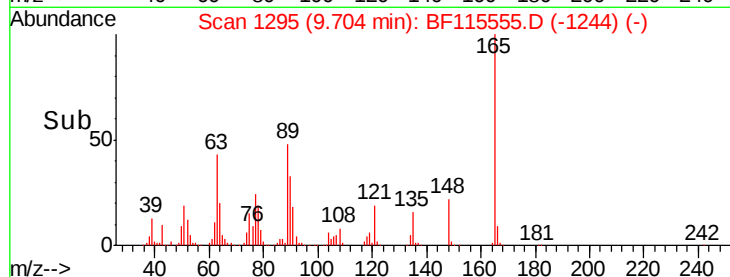
89 48.1 43.9 65.9



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: 33.628 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

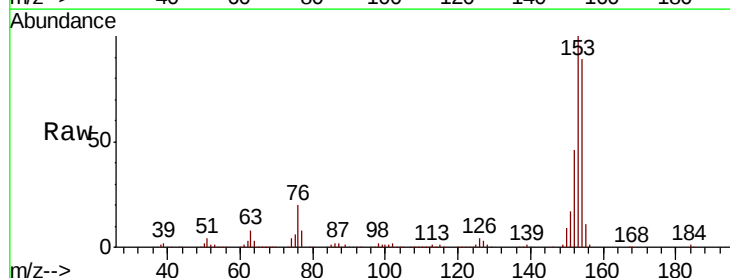
Tgt Ion:154 Resp: 1106400

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

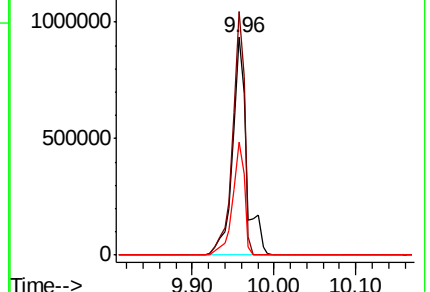
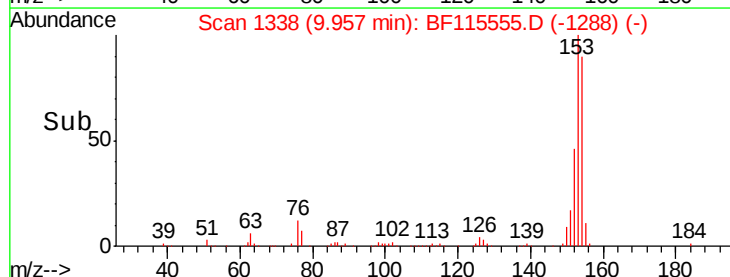
152 51.8 42.3 63.5

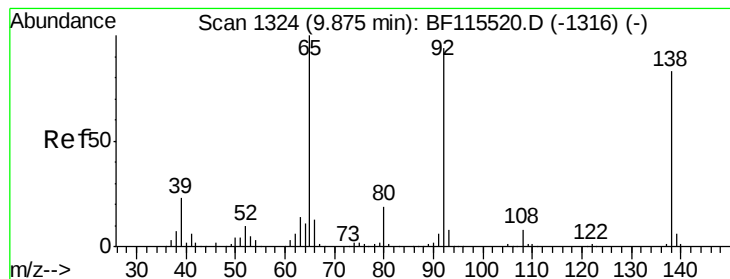


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.438 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

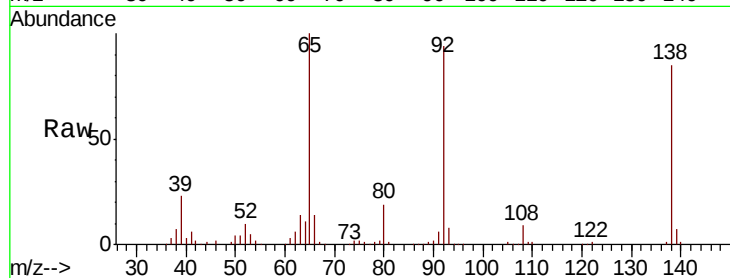
Tot Ion:138 Resp: 200656

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

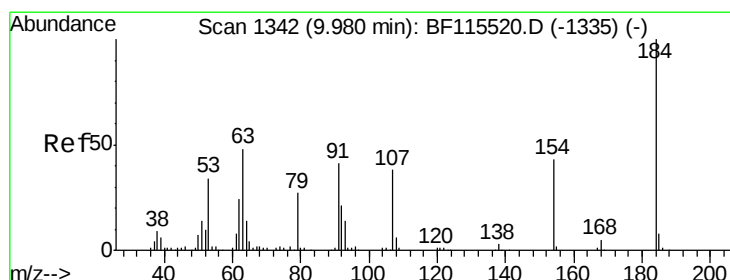
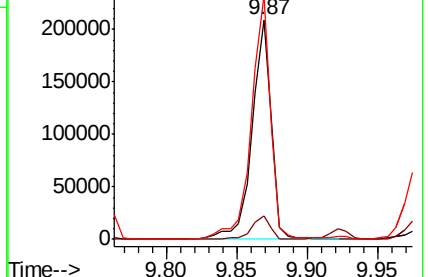
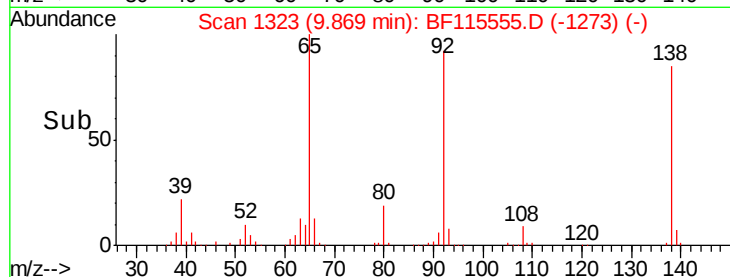
92 110.8 88.0 132.0



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: 61.683 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

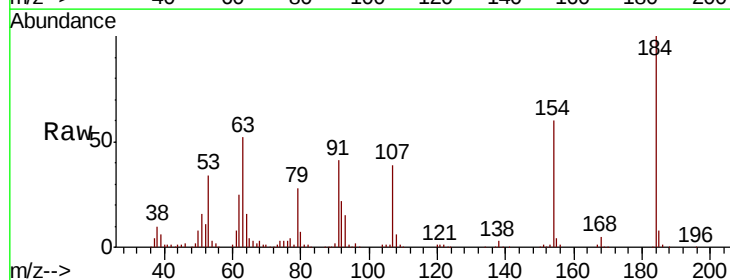
Tgt Ion:184 Resp: 286082

Ion Ratio Lower Upper

184 100

63 51.5 48.7 73.1

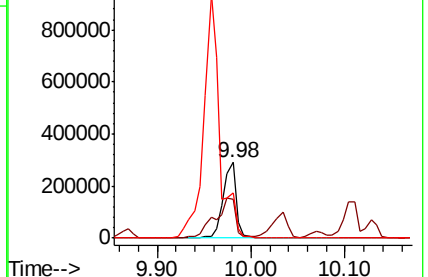
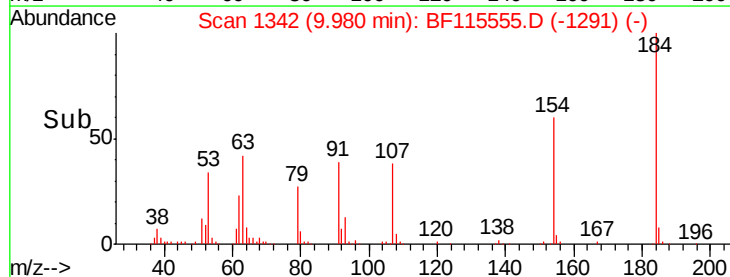
154 59.7 48.6 73.0



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

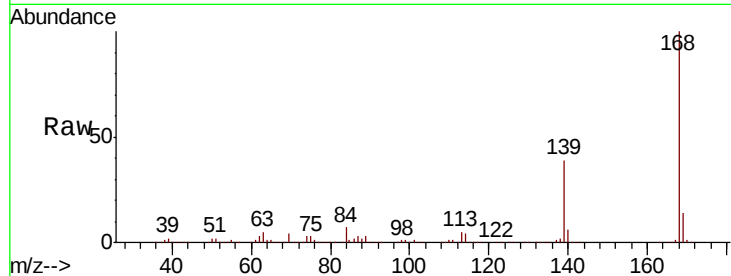




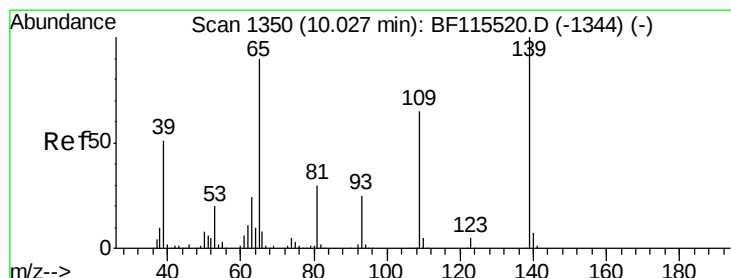
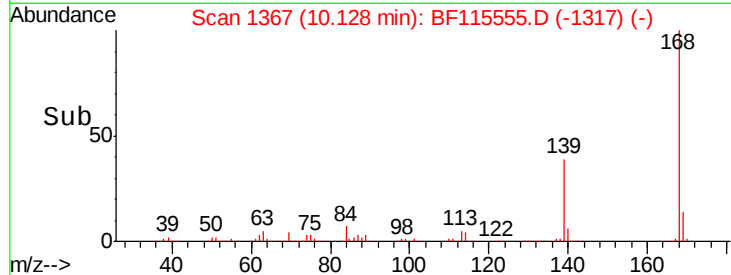
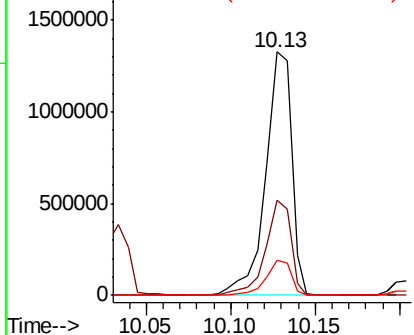
#55
Dibenzenofuran
Concen: 30.411 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :
PB121261BS

Tot Ion:168 Resp: 1420891
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.3 11.1 16.7

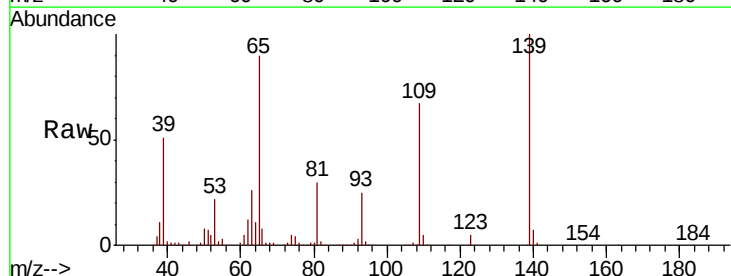


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

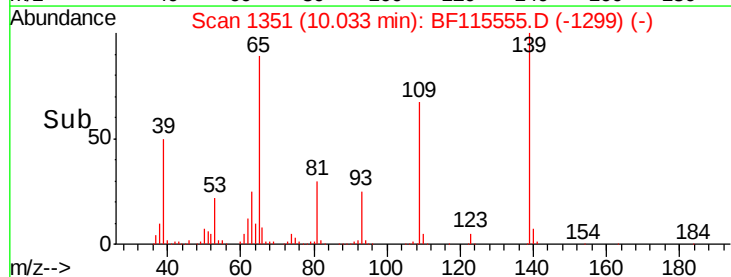
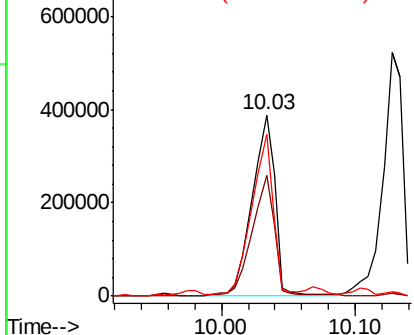


#56
4-Nitrophenol
Concen: 57.566 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:139 Resp: 453149
Ion Ratio Lower Upper
139 100
109 66.8 46.4 86.4
65 89.6 68.9 108.9



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

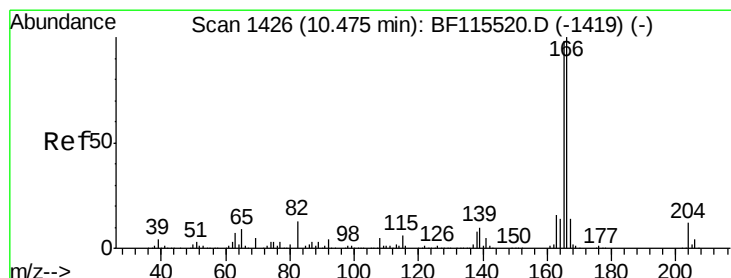
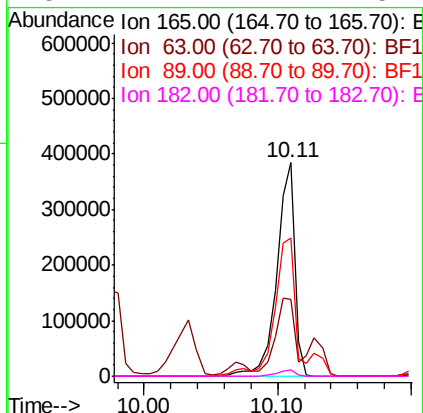
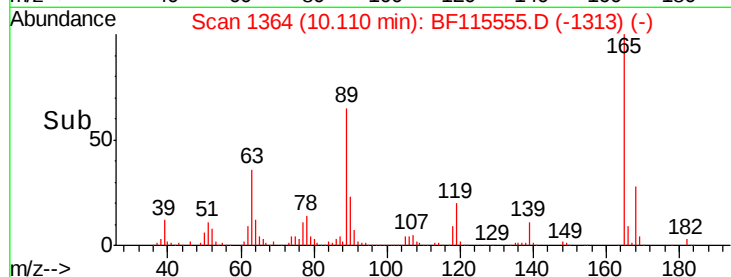
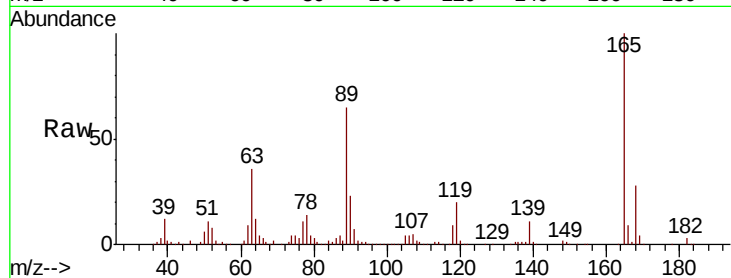




#57
2,4-Dinitrotoluene
Concen: 31.194 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

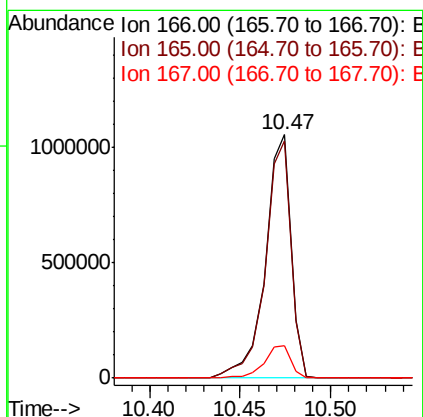
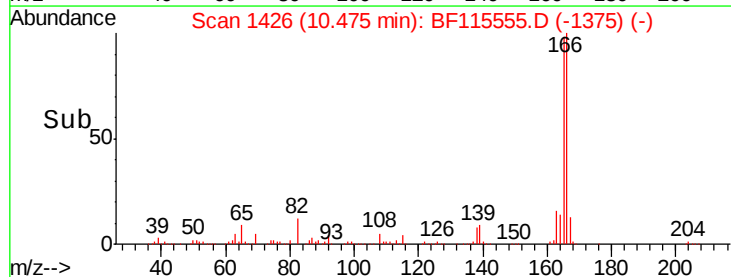
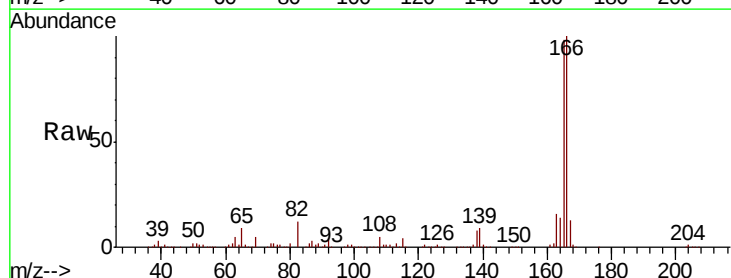
Instrument :
BNA_F
ClientSampleId :
PB121261BS

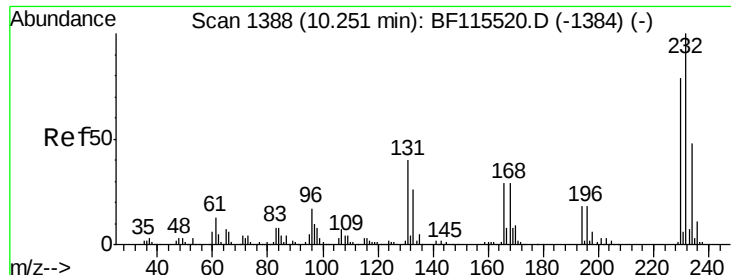
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	34.9	52.3
89	64.9	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 31.161 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.6
167	13.2	11.2	16.8

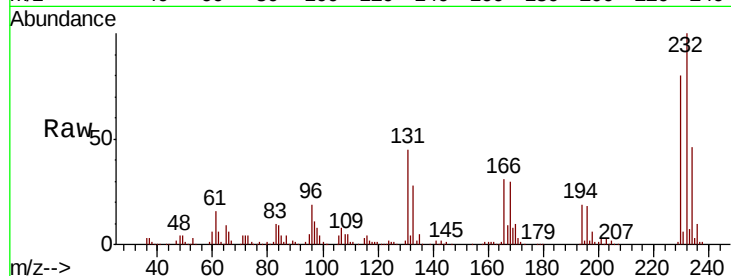




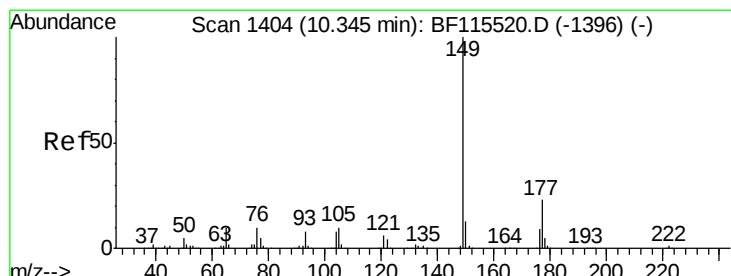
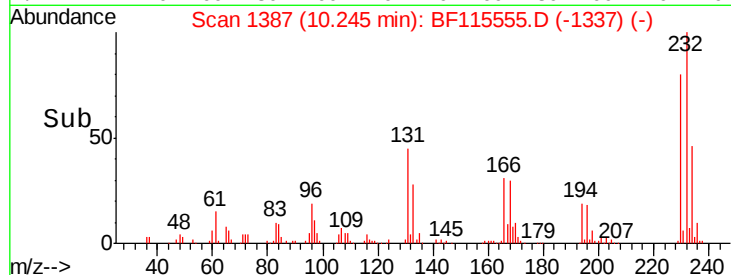
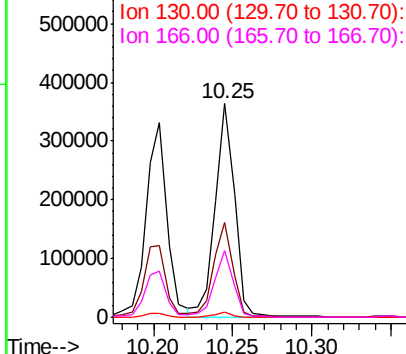
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.246 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion:232 Resp: 311223
 Ion Ratio Lower Upper
 232 100
 131 44.4 35.9 53.9
 130 2.2 1.8 2.6
 166 30.8 24.8 37.2

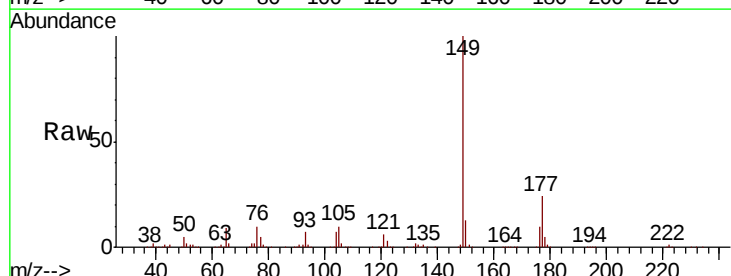


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

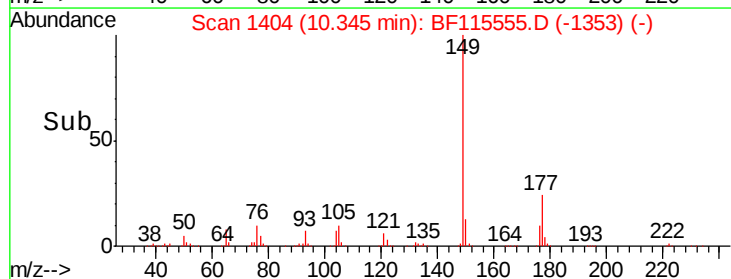
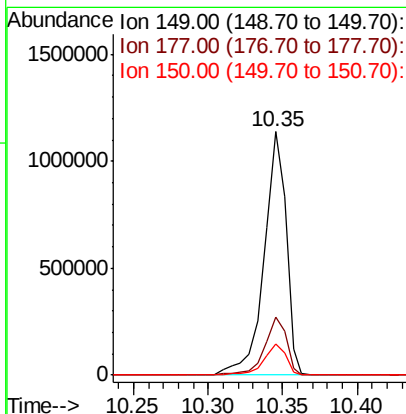


#60
 Diethylphthalate
 Concen: 31.010 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:149 Resp: 1154931
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.5 29.3
 150 13.0 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

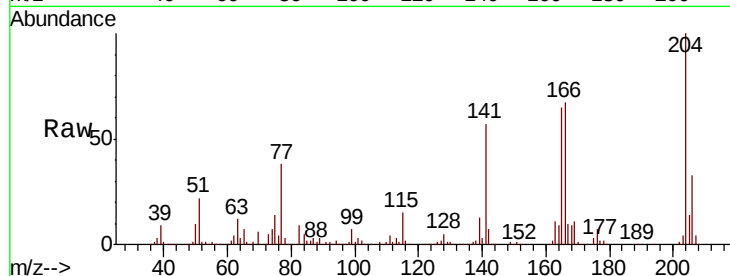




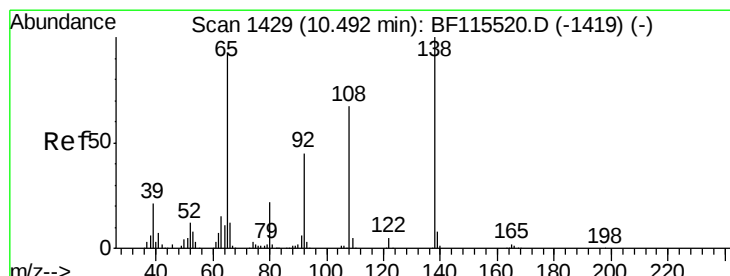
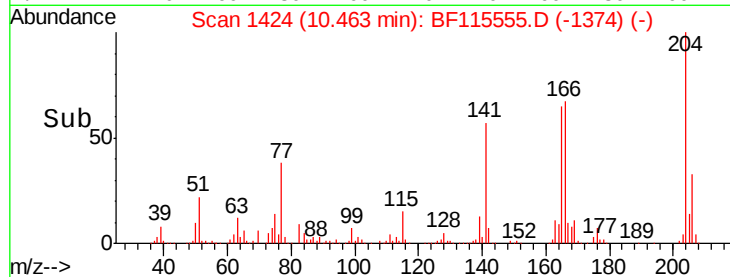
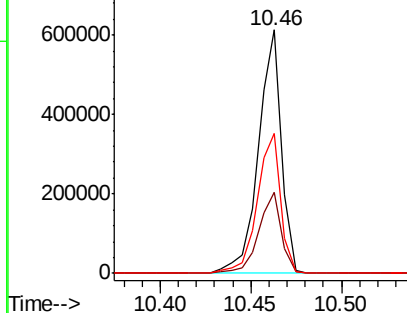
#61
 4-Chlorophenyl-phenylether
 Concen: 29.089 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	57.3	44.2	66.2

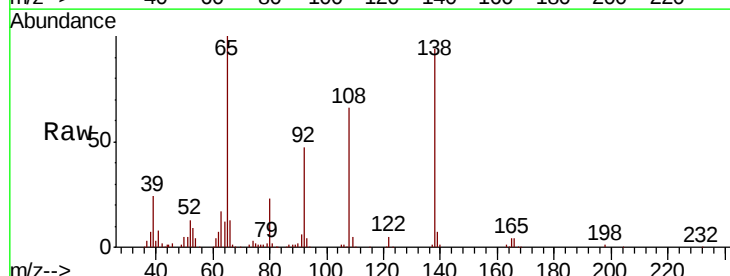


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

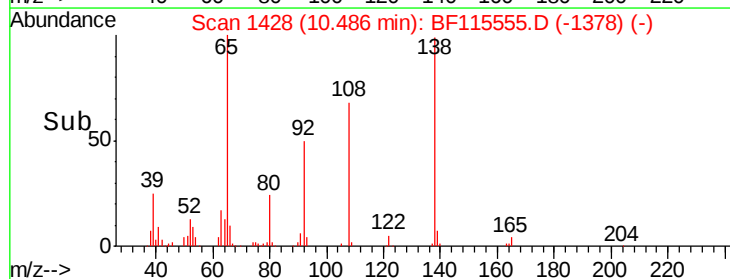
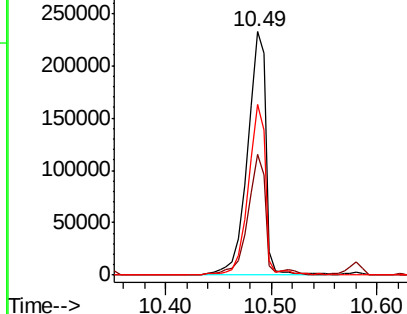


#62
 4-Nitroaniline
 Concen: 28.584 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.1	67.1
108	70.1	48.0	88.0



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

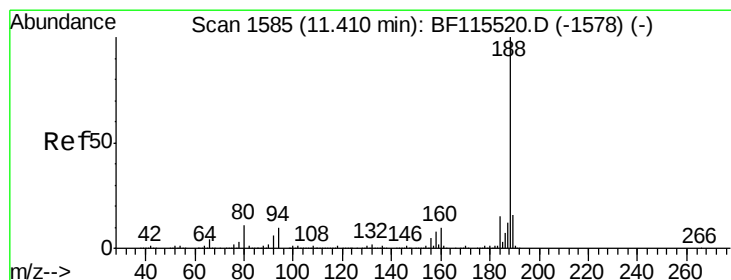
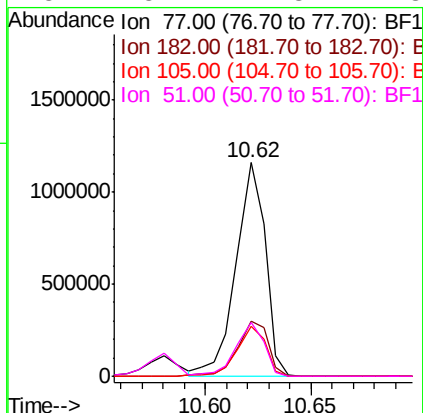
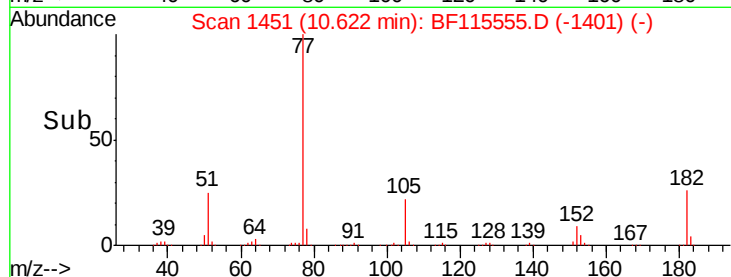
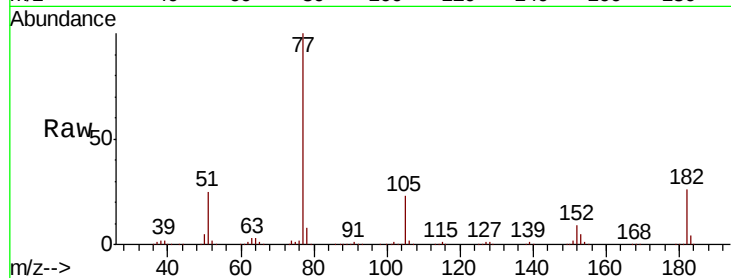




#63
Azobenzene
Concen: 30.947 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

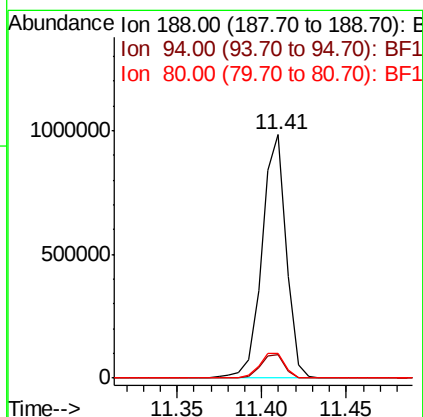
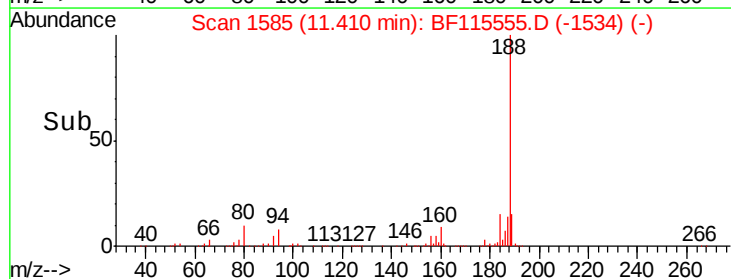
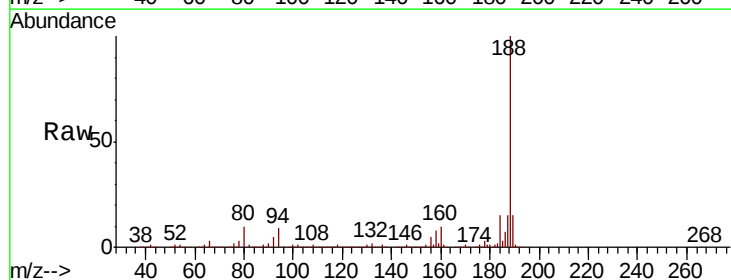
Instrument :
BNA_F
ClientSampleId :
PB121261BS

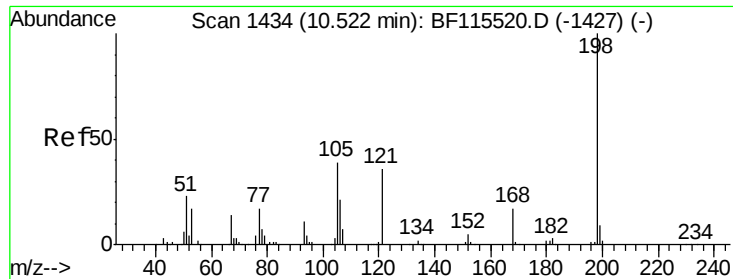
Tot Ion: 77 Resp: 1117969
Ion Ratio Lower Upper
77 100
182 25.9 6.9 46.9
105 23.2 3.9 43.9
51 25.4 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion: 188 Resp: 976777
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.3 8.6 13.0

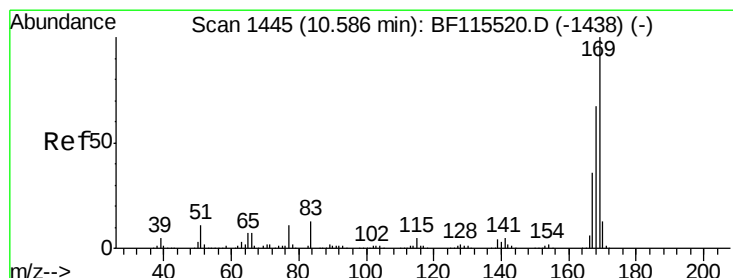
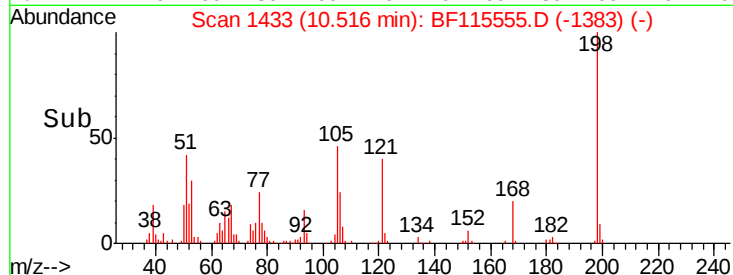
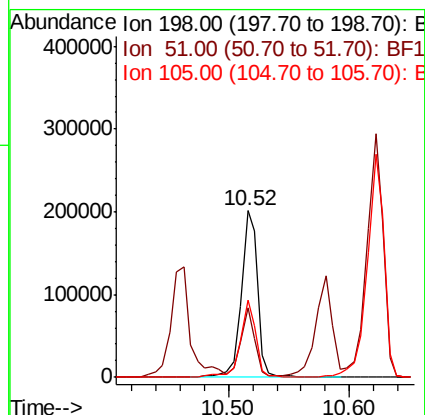
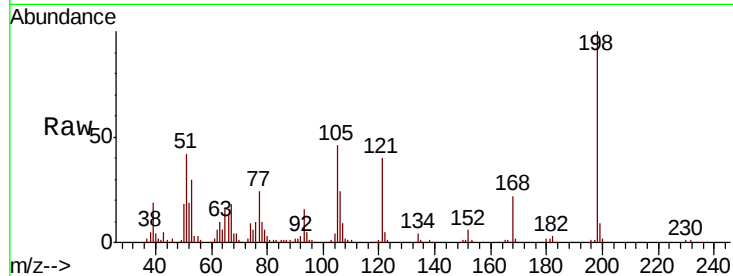




#65
4,6-Dinitro-2-methylphenol
Concen: 31.854 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

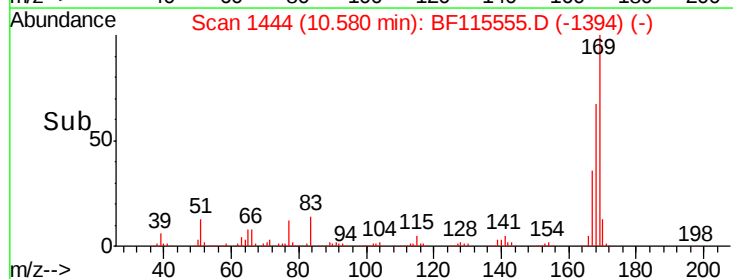
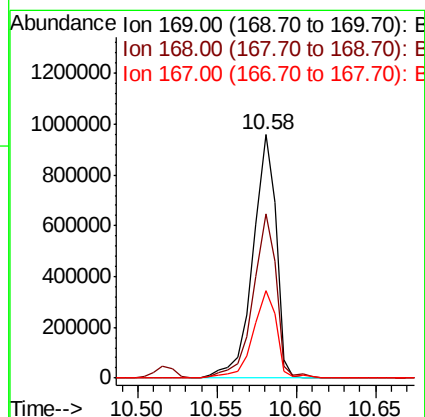
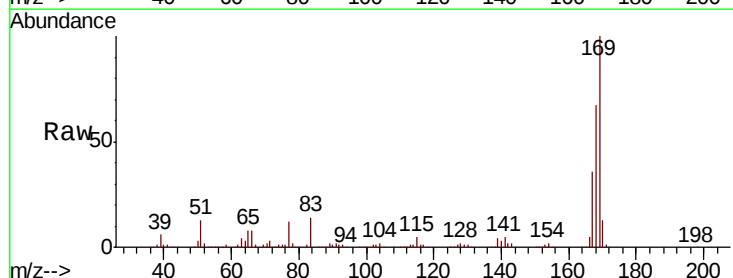
Instrument :
BNA_F
ClientSampleId :
PB121261BS

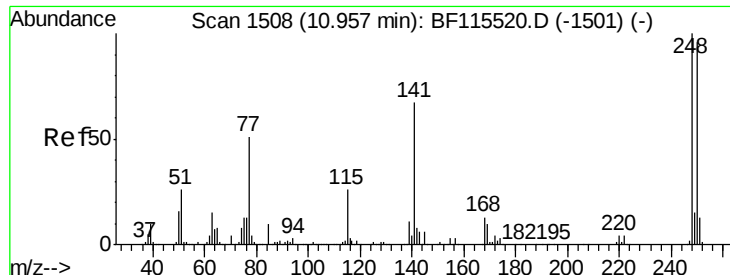
Tot Ion:198 Resp: 190097
Ion Ratio Lower Upper
198 100
51 42.0 19.1 59.1
105 45.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 32.065 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:169 Resp: 974257
Ion Ratio Lower Upper
169 100
168 67.4 54.3 81.5
167 36.2 30.2 45.2

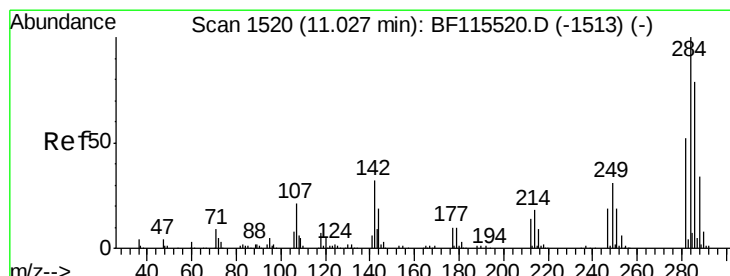
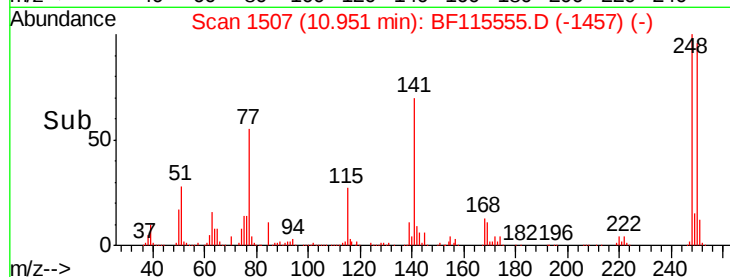
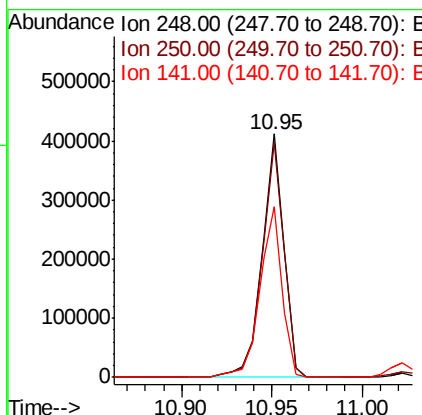
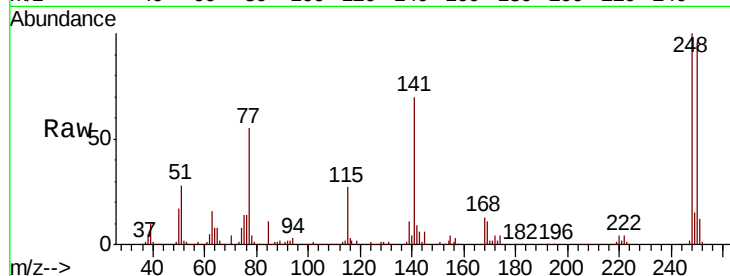




#67
 4-Bromophenyl-phenylether
 Concen: 30.702 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

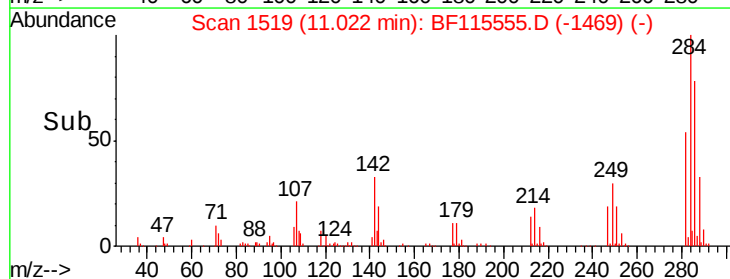
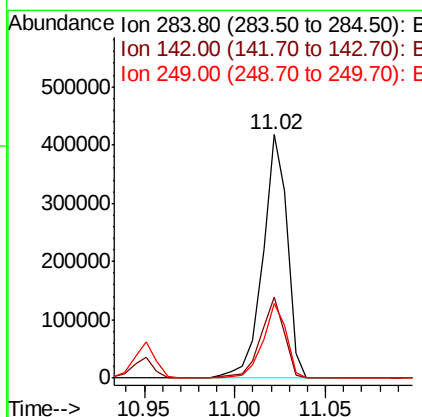
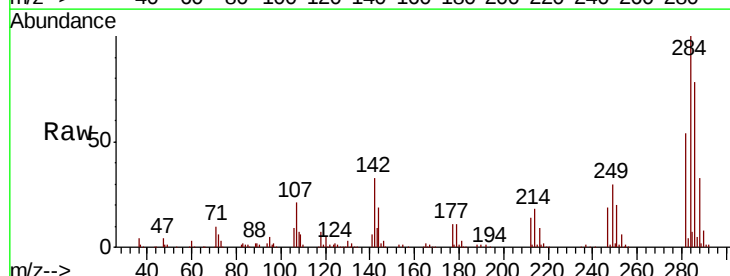
Instrument :
 BNA_F
 ClientSampleID :
 PB121261BS

Tot Ion:248 Resp: 342699
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.0 117.0
 141 70.1 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 30.678 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:284 Resp: 391058
 Ion Ratio Lower Upper
 284 100
 142 33.1 22.2 33.2
 249 30.5 23.4 35.2

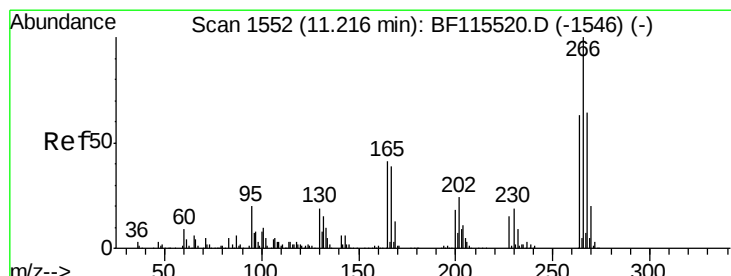
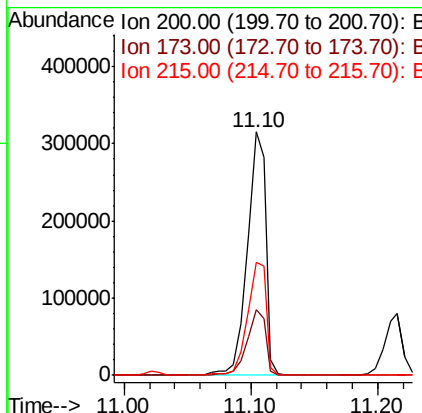
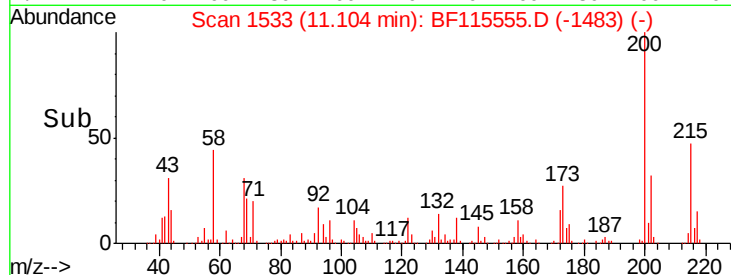
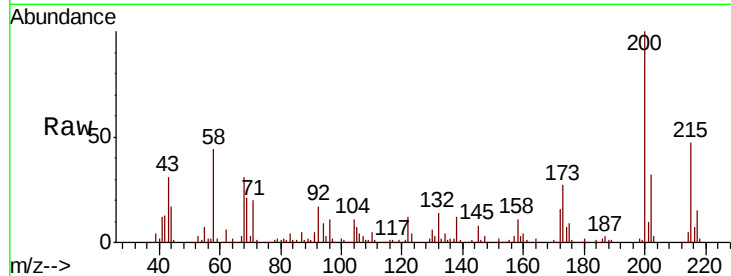




#69
Atrazine
Concen: 31.935 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

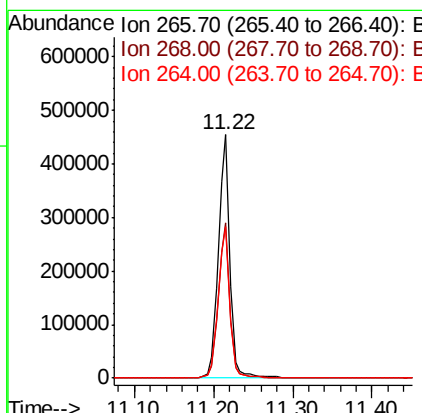
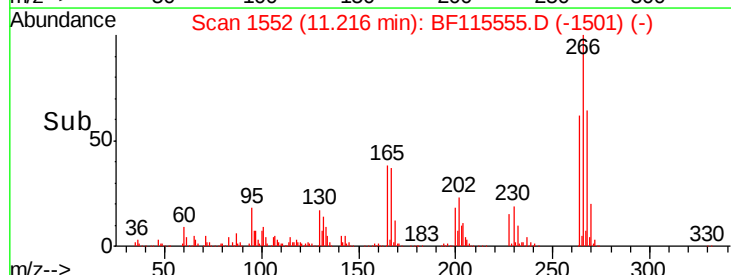
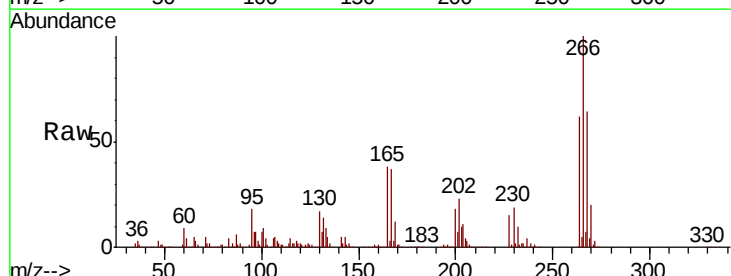
Instrument :
BNA_F
ClientSampleId :
PB121261BS

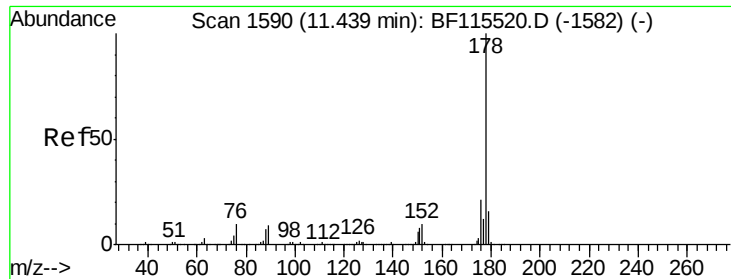
Tot Ion:200 Resp: 318320
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 46.6 27.9 67.9



#70
Pentachlorophenol
Concen: 59.101 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:266 Resp: 460781
Ion Ratio Lower Upper
266 100
268 63.8 51.6 77.4
264 62.0 50.6 76.0

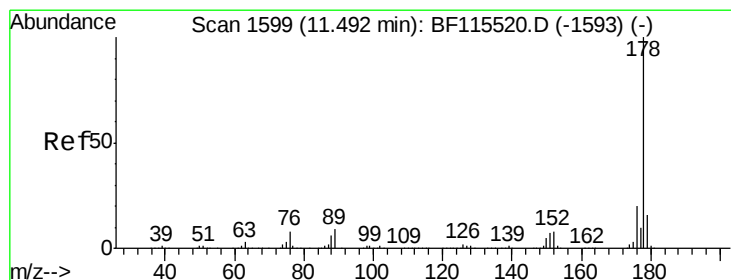
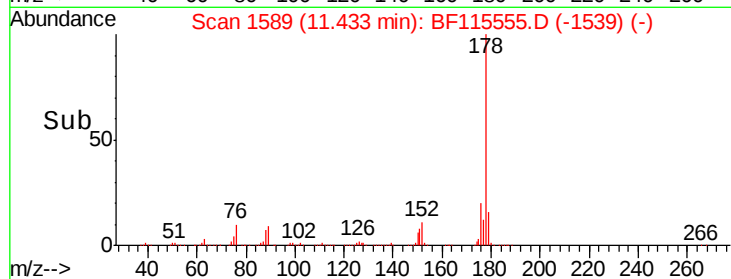
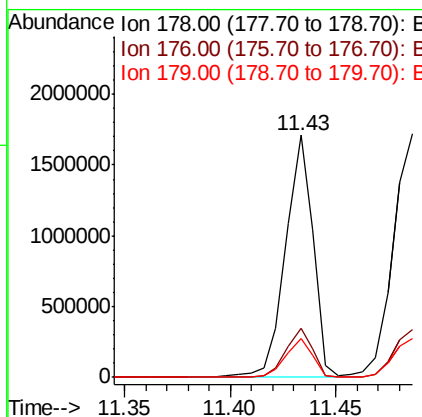
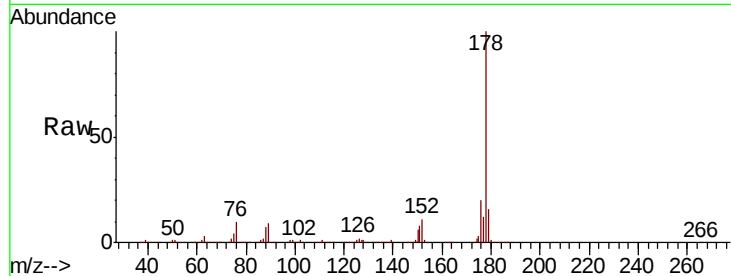




#71
Phenanthrene
Concen: 31.031 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

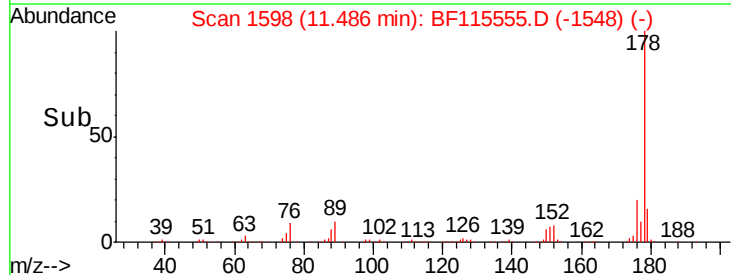
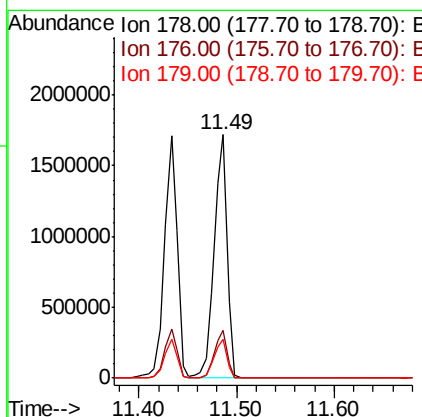
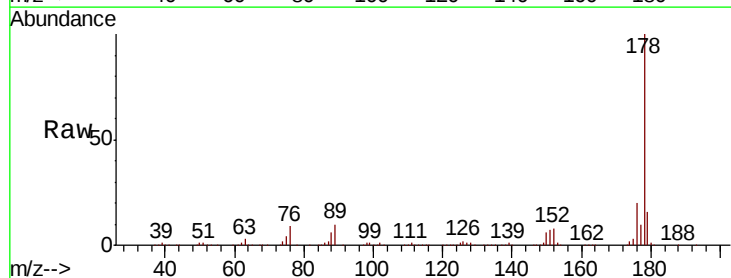
Instrument :
BNA_F
ClientSampleId :
PB121261BS

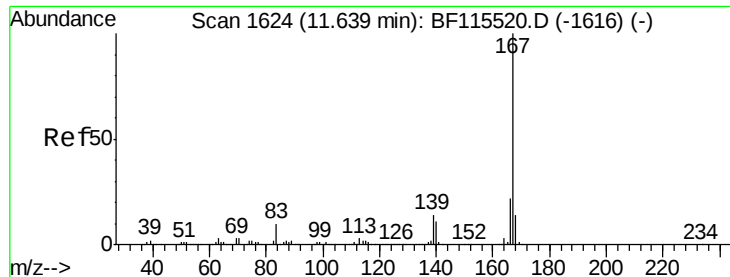
Tot Ion:178 Resp: 1553679
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.2 13.5 20.3



#72
Anthracene
Concen: 30.628 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:178 Resp: 1584823
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.8 12.7 19.1

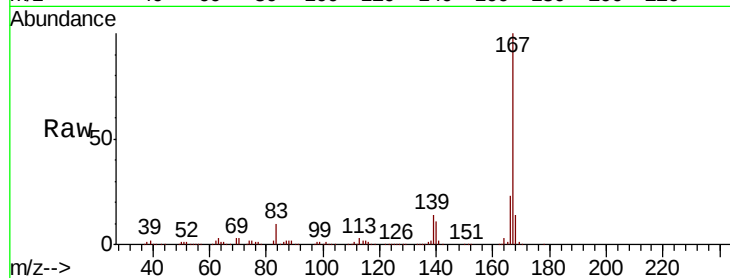




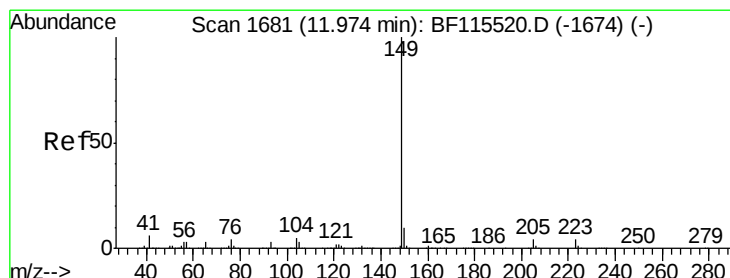
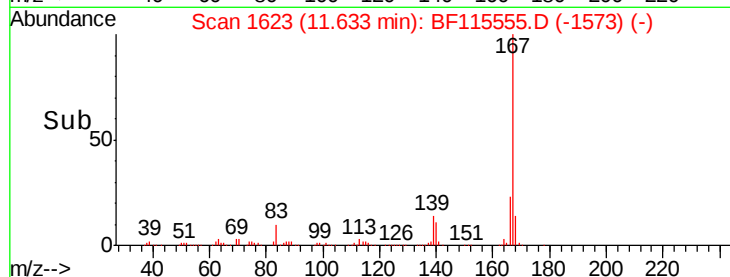
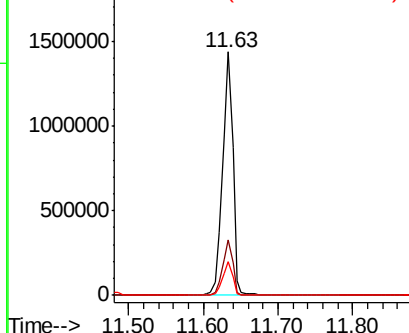
#73
 Carbazole
 Concen: 30.374 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion:167 Resp: 1378220
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.9 11.3 16.9

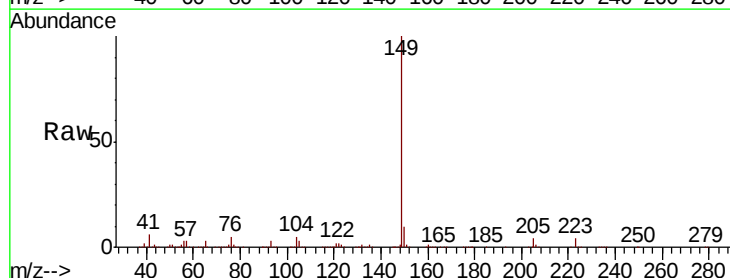


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

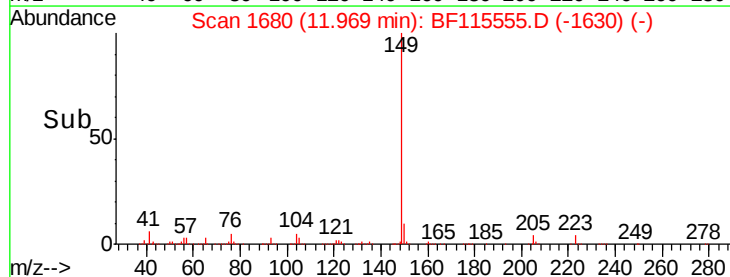
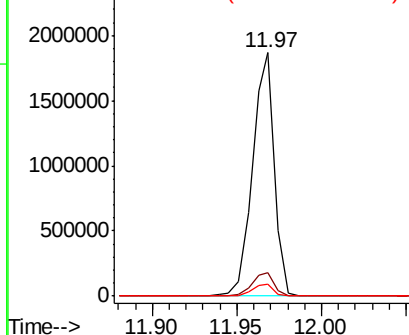


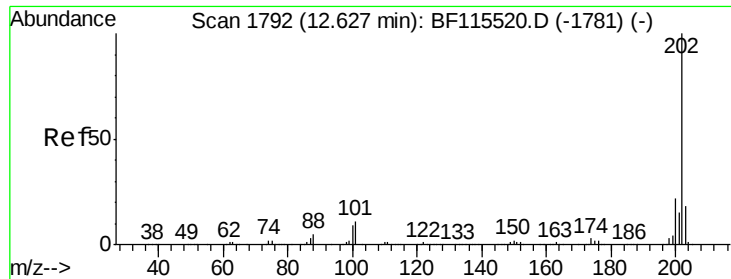
#74
 Di-n-butylphthalate
 Concen: 30.002 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:149 Resp: 1676867
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



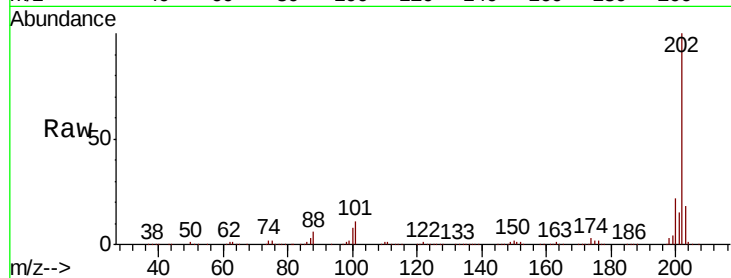


#75
 Fluoranthene
 Concen: 29.792 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

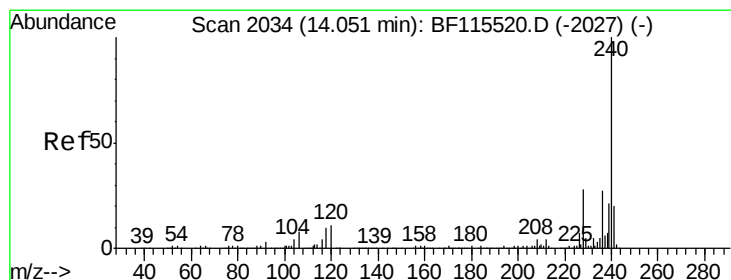
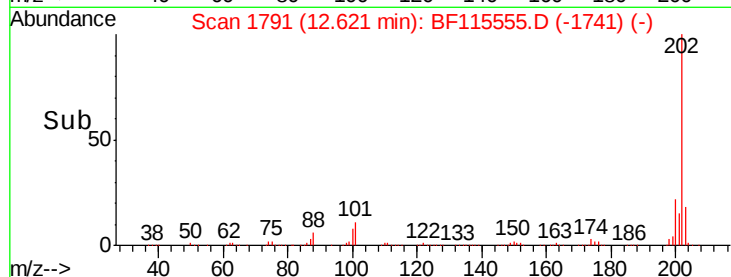
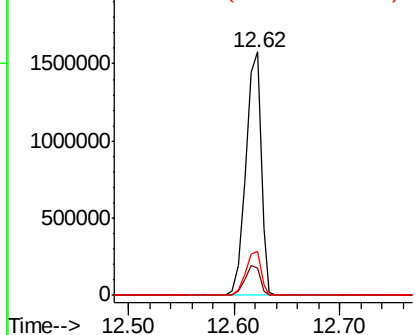
Instrument :
 BNA_F
 ClientSampleId :
 PB121261BS

Tot Ion:202 Resp: 1576293

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	38.1



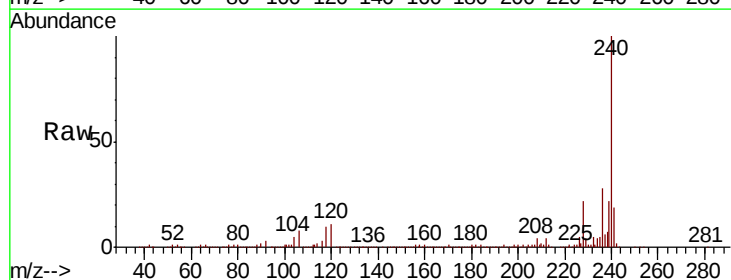
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



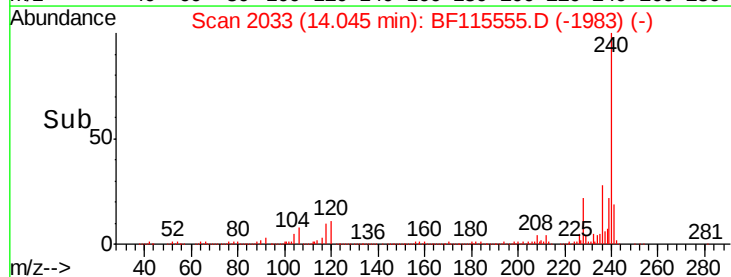
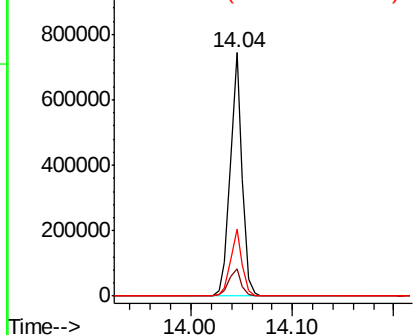
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:240 Resp: 607224

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	13.0
236	27.5	21.3	31.9



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





#77

Benzidine

Concen: 24.776 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

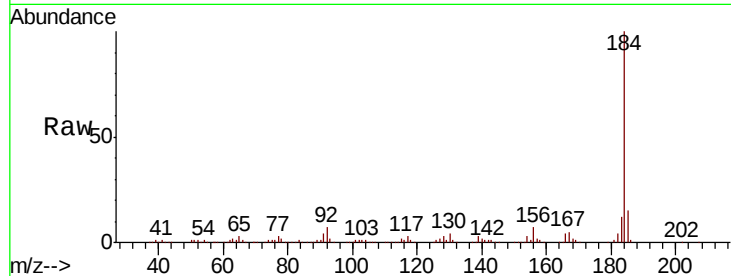
Tot Ion:184 Resp: 532963

Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

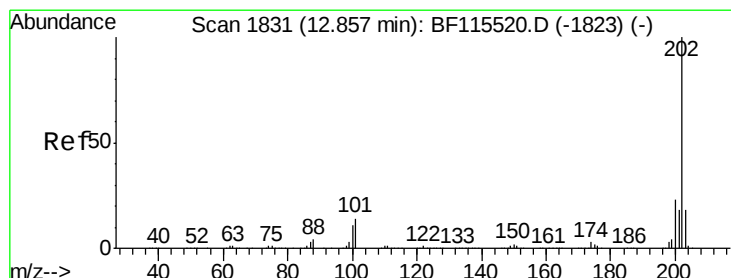
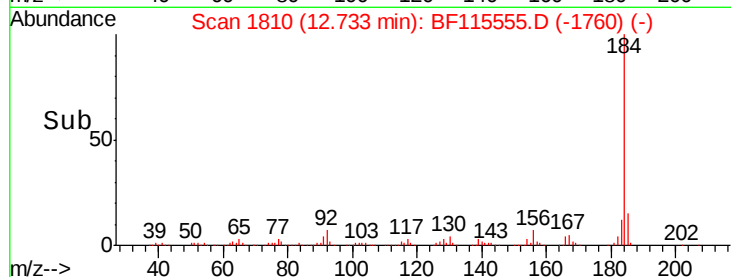
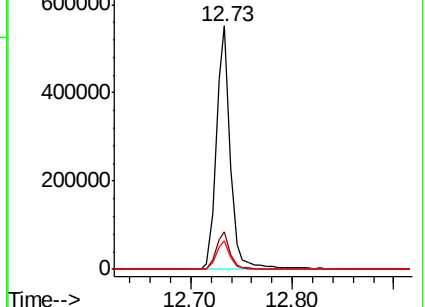
183 11.7 9.3 13.9



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: 31.115 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

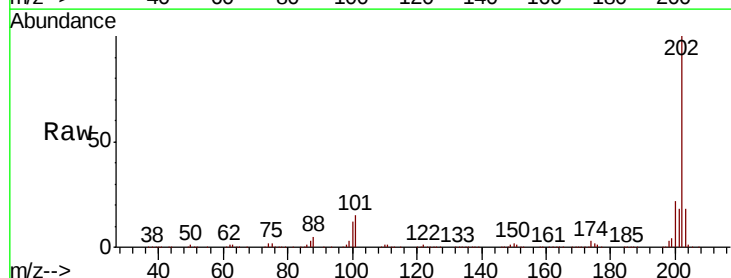
Tgt Ion:202 Resp: 1600731

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

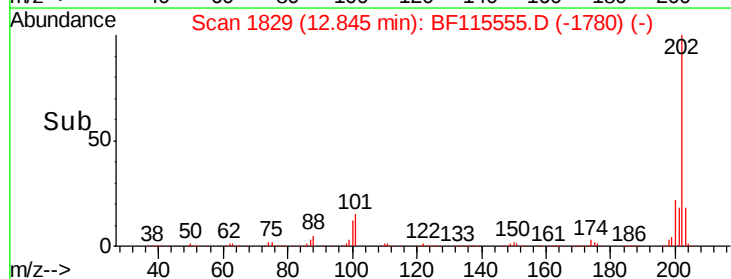
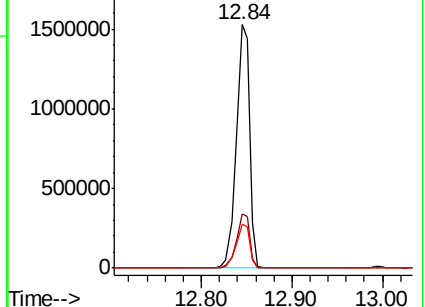
203 18.0 15.2 22.8



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: 84.247 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

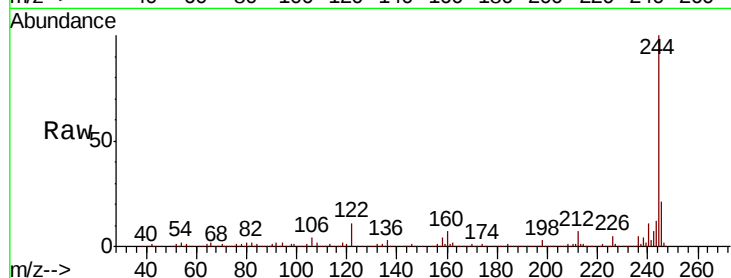
Tot Ion:244 Resp: 2772459

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

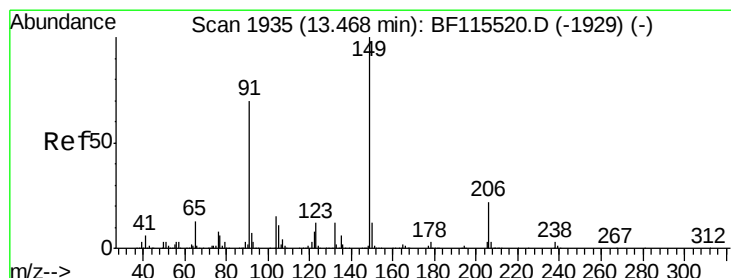
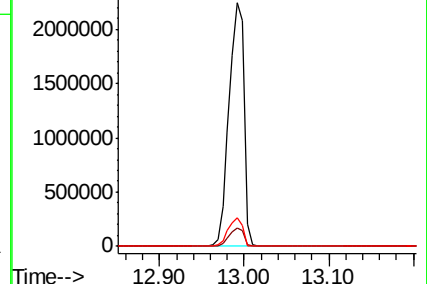
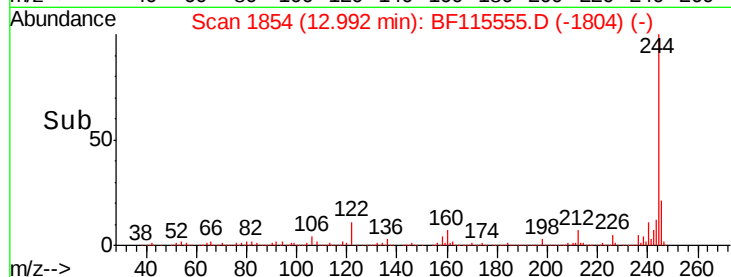
122 11.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.891 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

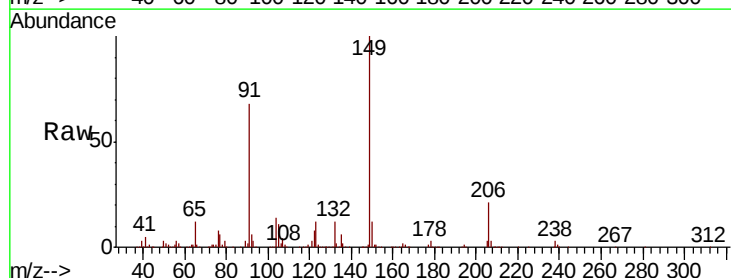
Tgt Ion:149 Resp: 677470

Ion Ratio Lower Upper

149 100

91 67.7 55.8 83.8

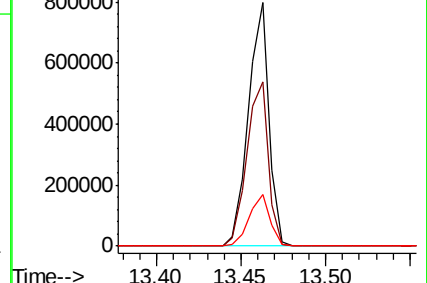
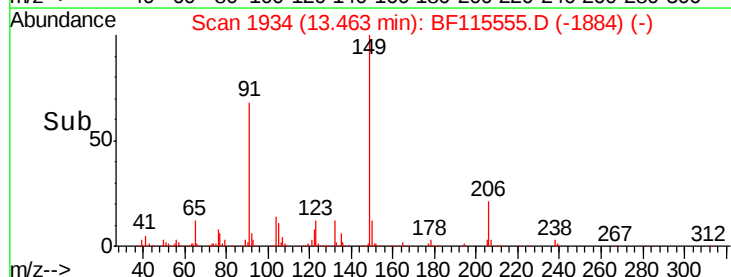
206 21.4 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.959 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

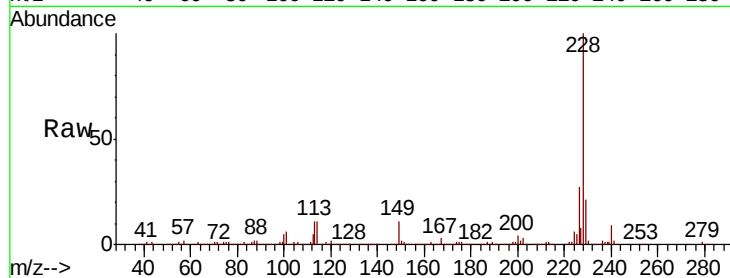
Tot Ion:228 Resp: 1198489

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.0
229	20.8	17.2	25.8

228 100

226 27.2 23.4 35.0

229 20.8 17.2 25.8

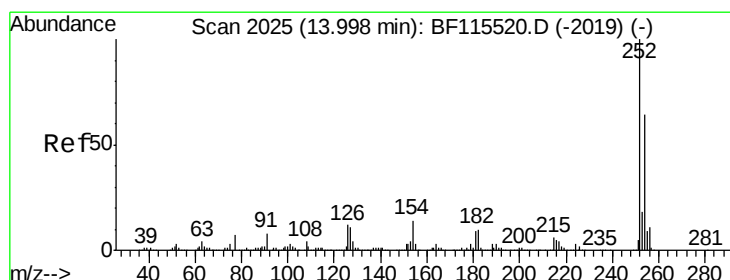
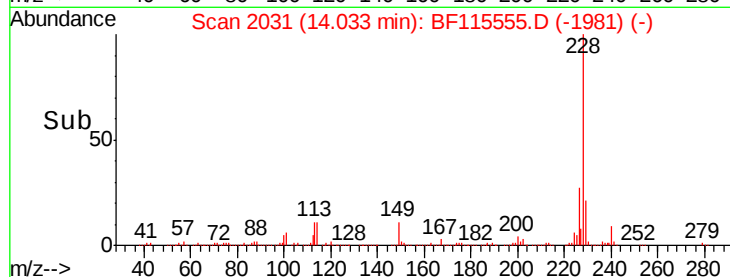
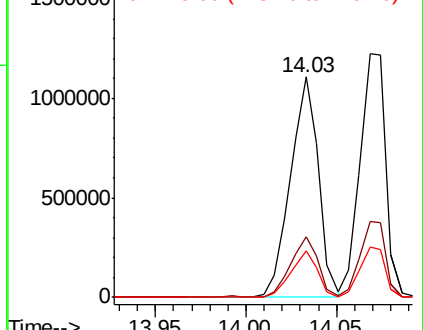


Abundance

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: 25.565 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

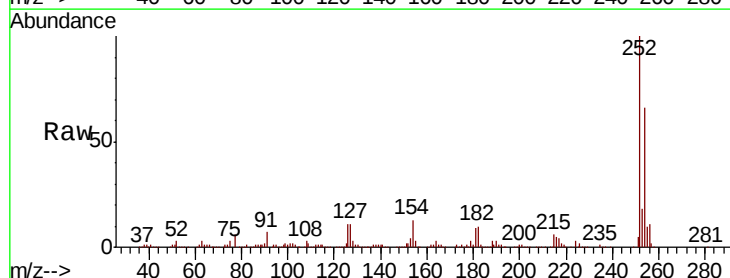
Tgt Ion:252 Resp: 363559

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.9	79.3
126	11.0	9.9	14.9

252 100

254 65.6 52.9 79.3

126 11.0 9.9 14.9

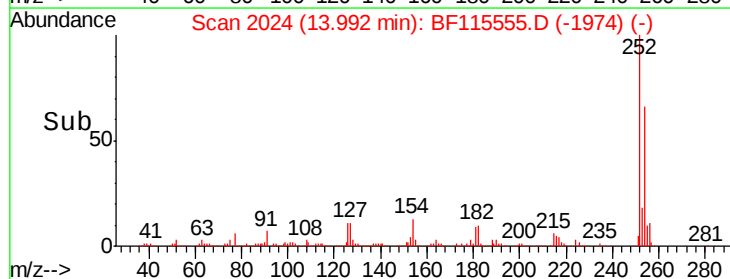
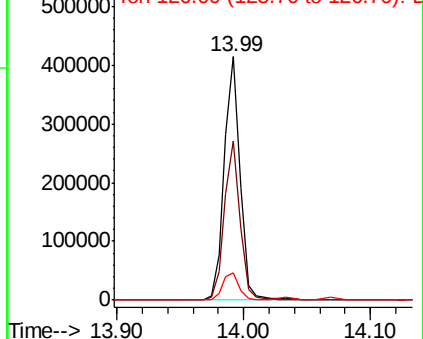


Abundance

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: 30.444 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

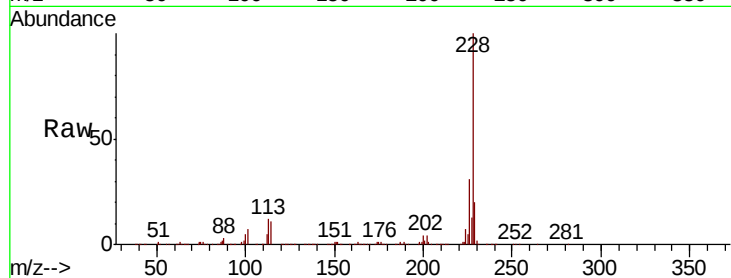
Tot Ion:228 Resp: 1222603

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

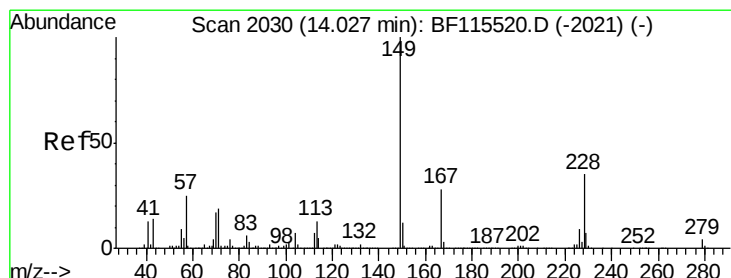
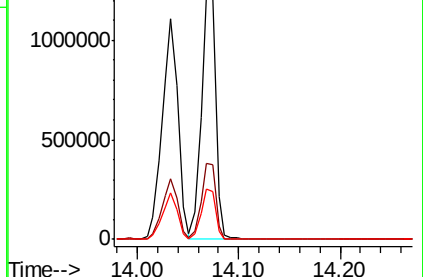
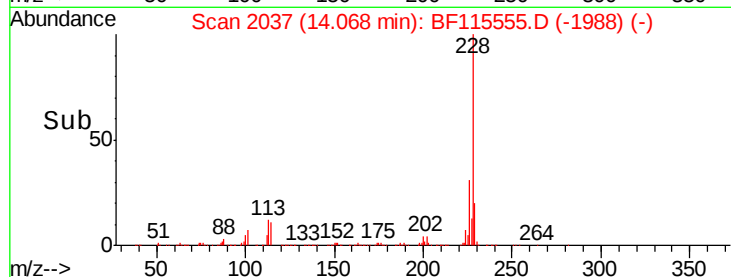
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.541 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

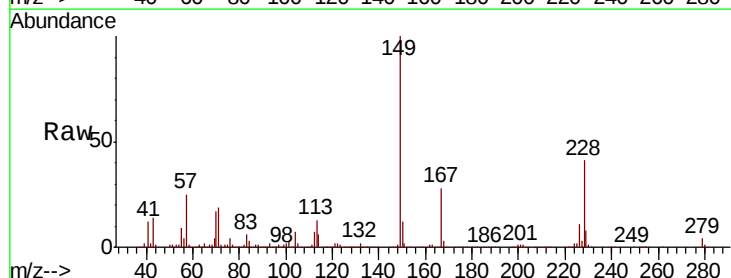
Tgt Ion:149 Resp: 856850

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

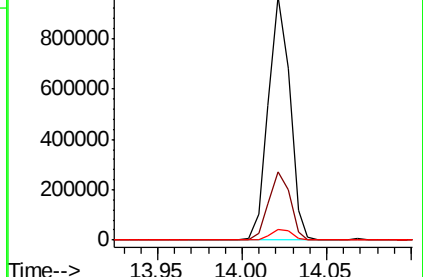
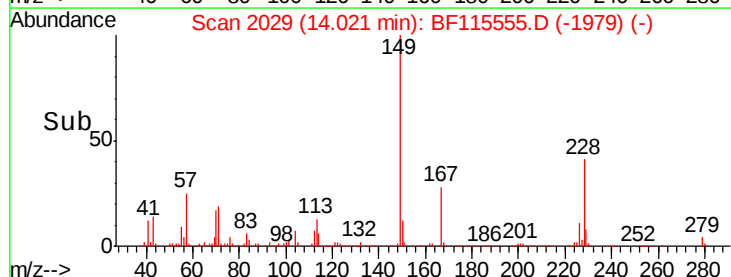
279 4.1 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.262 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

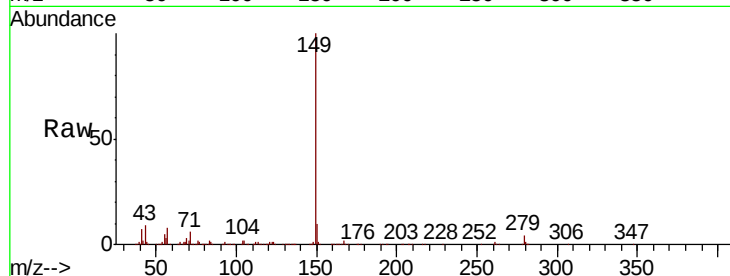
Tot Ion:149 Resp: 1394463

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

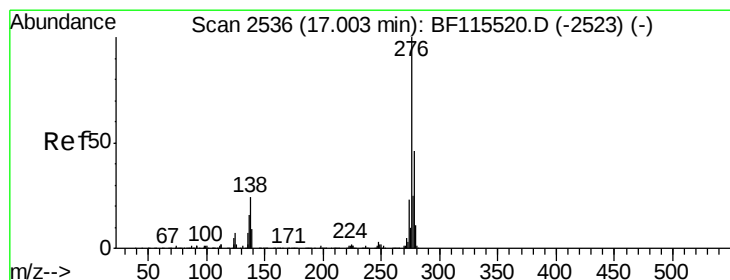
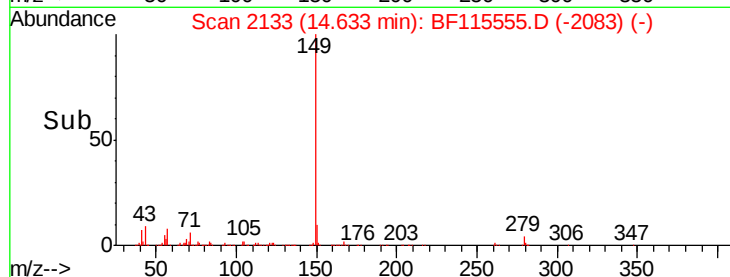
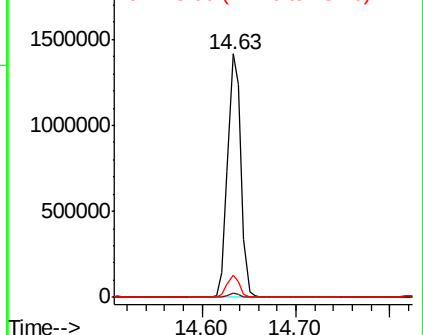
43 8.4 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.420 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

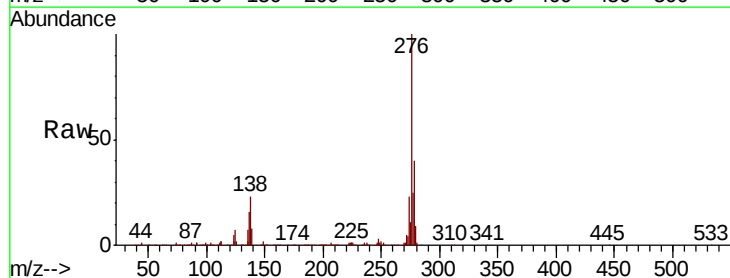
Tgt Ion:276 Resp: 969647

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

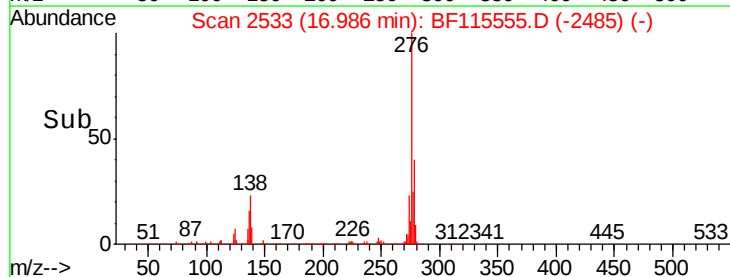
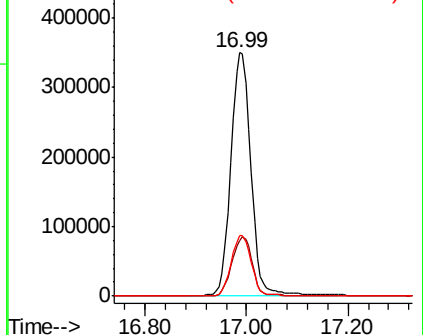
277 25.2 20.4 30.6

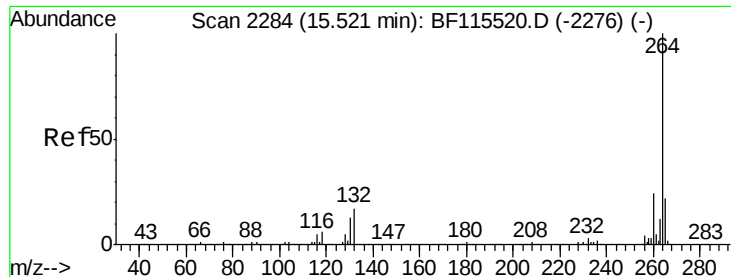


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

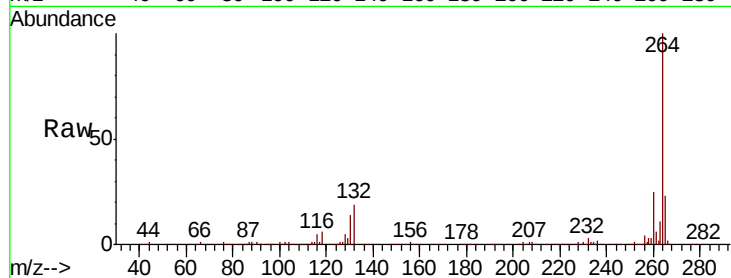
Tot Ion:264 Resp: 495920

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

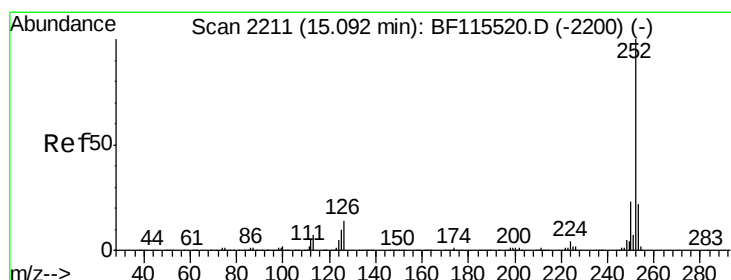
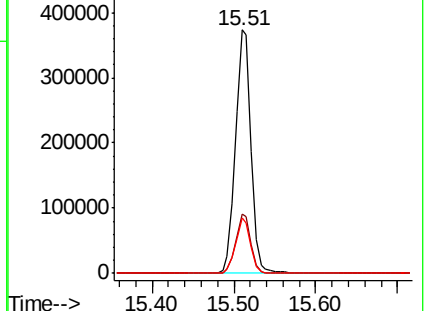
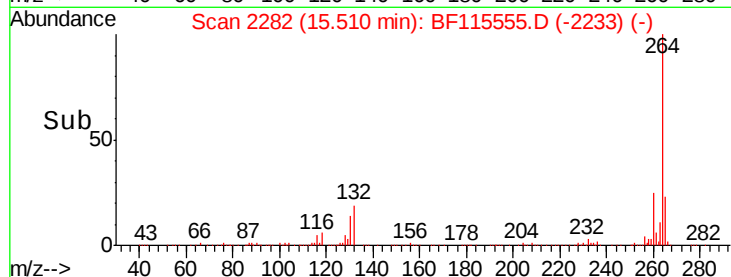
265 22.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 33.069 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

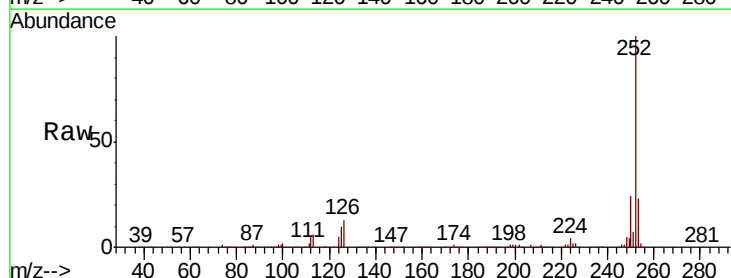
Tgt Ion:252 Resp: 1055999

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

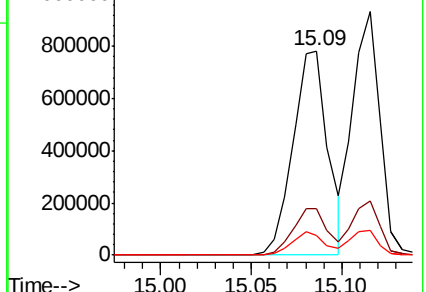
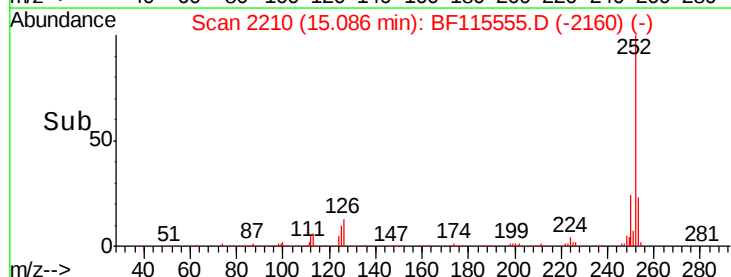
125 9.7 9.0 13.4

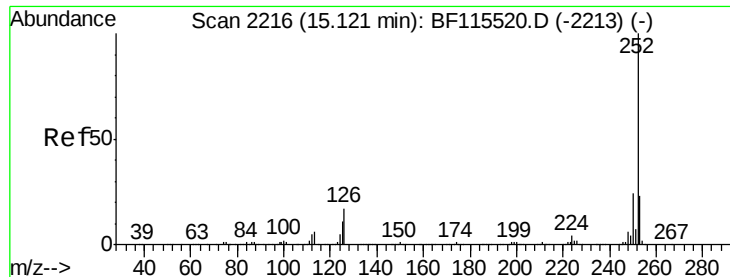


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

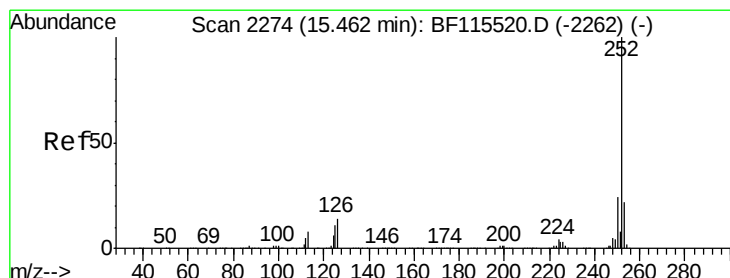
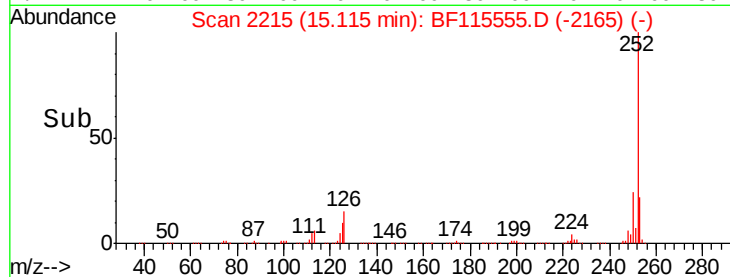
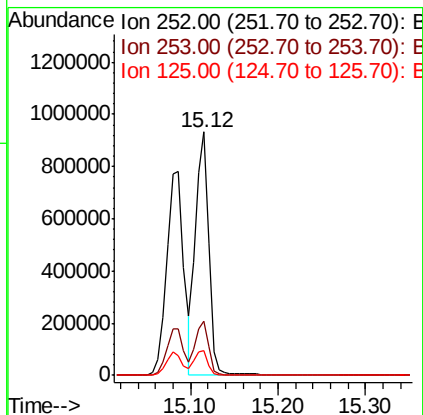
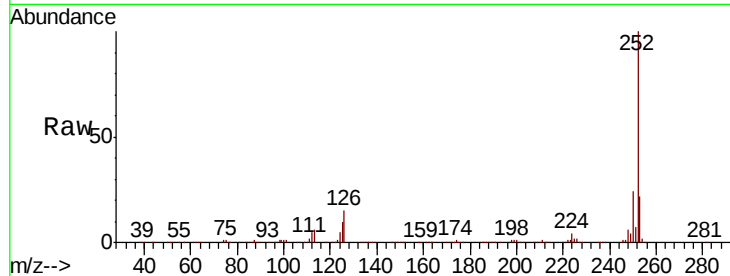




#89
Benzo(k)fluoranthene
Concen: 34.828 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

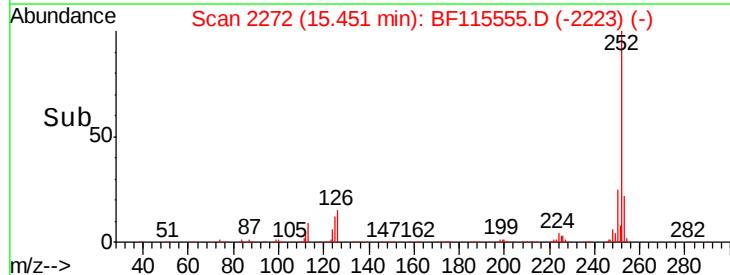
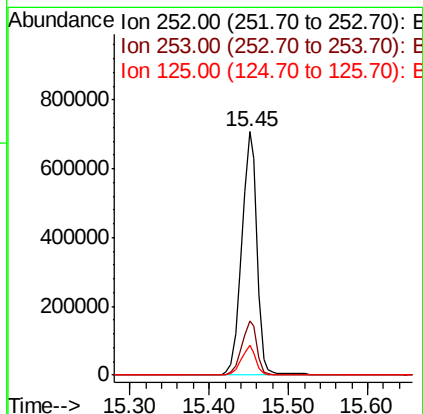
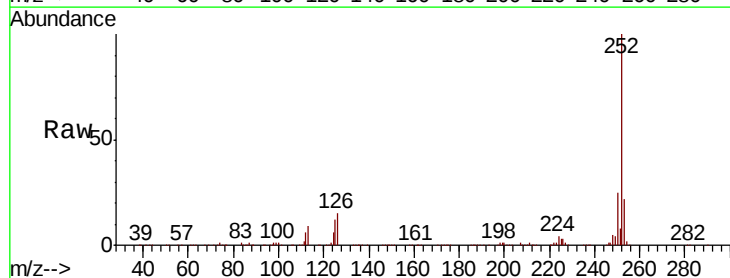
Instrument :
BNA_F
ClientSampleId :
PB121261BS

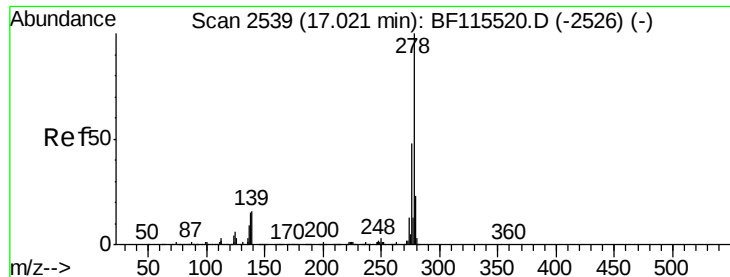
Tot Ion:252 Resp: 991556
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 34.195 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:252 Resp: 938528
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 33.719 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB121261BS

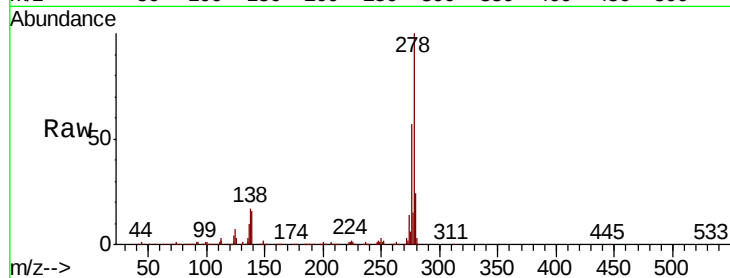
Tot Ion:278 Resp: 812454

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

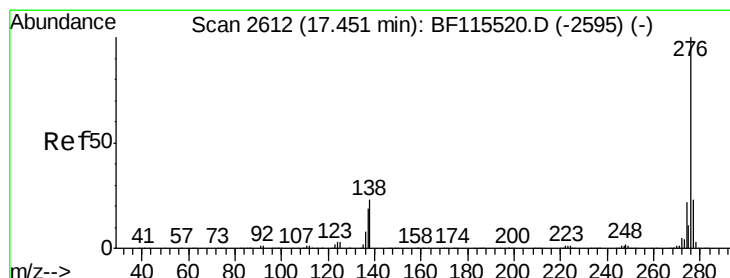
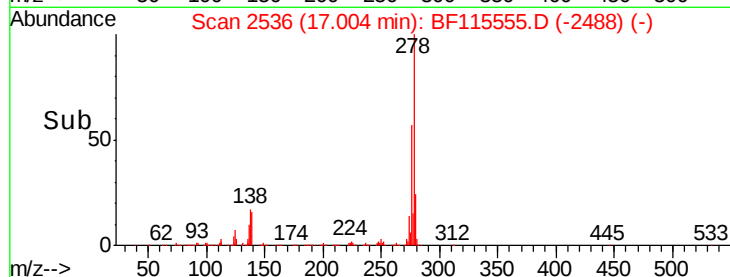
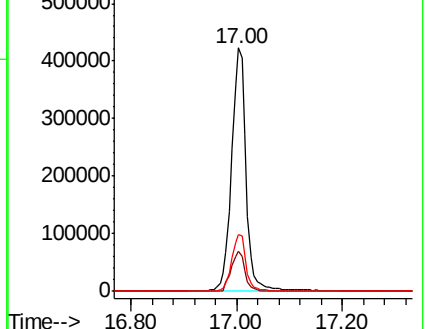
279 23.6 19.6 29.4



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: 31.438 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

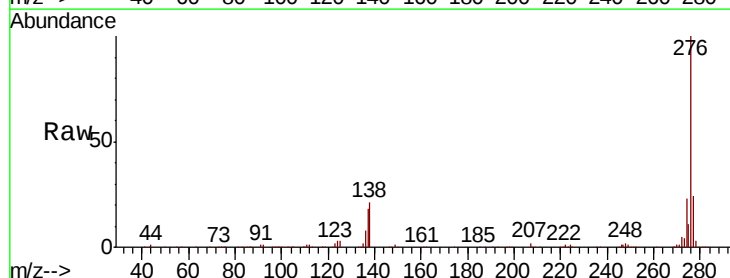
Tgt Ion:276 Resp: 755464

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.3 17.2 25.8



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

