

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115817.D
 Acq On : 27 Jul 2019 9:06
 Operator : HP/JU
 Sample : PB121745BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170043	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	706456	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	370731	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	693240	20.00	ng	0.00
76) Chrysene-d12	14.03	240	456474	20.00	ng	0.00
87) Perylene-d12	15.50	264	367599	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1110831	106.86	ng	0.02
7) Phenol-d6	6.51	99	1443828	109.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	929073	76.47	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	439080	101.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1733709	81.85	ng	0.00
79) Terphenyl-d14	12.98	244	1789446	72.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	178408	34.405	ng	99
3) Pyridine	3.51	79	424229	30.154	ng	99
4) n-Nitrosodimethylamine	3.46	42	196194	38.440	ng	97
6) Aniline	6.53	93	465728	25.371	ng	96
8) 2-Chlorophenol	6.66	128	453332	37.929	ng	95
9) Benzaldehyde	6.42	77	198435	24.073	ng	98
10) Phenol	6.52	94	567287	37.046	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	434789	37.294	ng	96
12) 1,3-Dichlorobenzene	6.82	146	473628	35.245	ng	99
13) 1,4-Dichlorobenzene	6.89	146	481047	35.878	ng	99
14) 1,2-Dichlorobenzene	7.05	146	446714	36.447	ng	99
15) Benzyl Alcohol	7.02	79	389255	37.199	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	592193	38.582	ng	96
17) 2-Methylphenol	7.13	107	404189	39.241	ng	99
18) Hexachloroethane	7.39	117	178319	35.832	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	322025	37.432	ng	99
20) 3+4-Methylphenols	7.28	107	464087	37.932	ng	99
22) Acetophenone	7.28	105	623122	39.043	ng	# 99
24) Nitrobenzene	7.45	77	508101	38.773	ng	95
25) Isophorone	7.69	82	953880	39.236	ng	99
26) 2-Nitrophenol	7.77	139	258204	38.281	ng	100
27) 2,4-Dimethylphenol	7.81	122	439963	43.595	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	587554	39.395	ng	99
29) 2,4-Dichlorophenol	8.02	162	411119	39.170	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	437241	36.854	ng	99
31) Naphthalene	8.17	128	1345237	39.319	ng	100
32) Benzoic acid	7.95	122	306141	36.963	ng	99
33) 4-Chloroaniline	8.22	127	381748	25.190	ng	99
34) Hexachlorobutadiene	8.29	225	249630	36.691	ng	96
35) Caprolactam	8.60	113	77350	23.849	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	434279	39.888	ng	97
37) 2-Methylnaphthalene	8.87	142	923153	40.705	ng	99
38) 1-Methylnaphthalene	8.97	142	870474	40.409	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	419017	37.533	ng	99

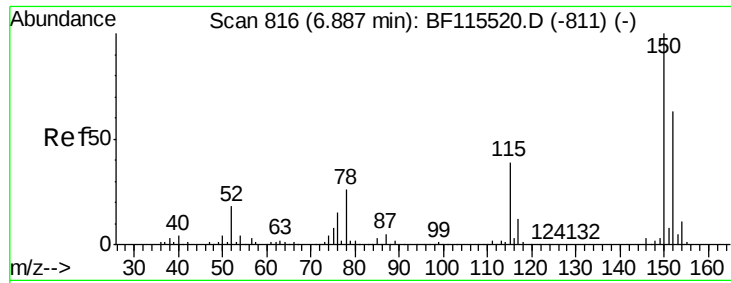
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115817.D
 Acq On : 27 Jul 2019 9:06
 Operator : HP/JU
 Sample : PB121745BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	305409	47.957	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	287664	35.235	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	304344	36.401	ng	99
46) 1,1'-Biphenyl	9.33	154	1127183	38.891	ng	100
47) 2-Chloronaphthalene	9.36	162	891568	36.944	ng	99
48) 2-Nitroaniline	9.45	65	278890	37.337	ng	97
49) Acenaphthylene	9.77	152	1355944	37.919	ng	99
50) Dimethylphthalate	9.63	163	1054466	37.804	ng	100
51) 2,6-Dinitrotoluene	9.69	165	232347	36.655	ng	100
52) Acenaphthene	9.95	154	818471	35.452	ng	98
53) 3-Nitroaniline	9.86	138	190857	26.348	ng	98
54) 2,4-Dinitrophenol	9.97	184	207345	63.711	ng	99
55) Dibenzofuran	10.12	168	1214900	37.055	ng	100
56) 4-Nitrophenol	10.03	139	348625	63.114	ng	96
57) 2,4-Dinitrotoluene	10.10	165	306562	37.330	ng	91
58) Fluorene	10.46	166	918924	39.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	263132	37.648	ng	98
60) Diethylphthalate	10.33	149	1015182	38.845	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	472129	36.324	ng	97
62) 4-Nitroaniline	10.48	138	239191	34.425	ng	98
63) Azobenzene	10.61	77	1025734	40.464	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146529	34.596	ng	91
66) n-Nitrosodiphenylamine	10.57	169	833068	38.632	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	294306	37.150	ng	99
68) Hexachlorobenzene	11.02	284	323611	35.770	ng	96
69) Atrazine	11.09	200	238978	33.781	ng	99
70) Pentachlorophenol	11.20	266	355353	64.220	ng	99
71) Phenanthrene	11.42	178	1348104	37.938	ng	99
72) Anthracene	11.47	178	1373331	37.396	ng	100
73) Carbazole	11.63	167	1224226	38.015	ng	99
74) Di-n-butylphthalate	11.95	149	1557774	39.270	ng	99
75) Fluoranthene	12.61	202	1400708	37.302	ng	99
77) Benzidine	12.72	184	396182	24.500	ng	98
78) Pyrene	12.84	202	1405853	36.351	ng	99
80) Butylbenzylphthalate	13.44	149	657910	39.906	ng	100
81) Benzo(a)anthracene	14.03	228	1154903	38.404	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	352262	32.950	ng	99
83) Chrysene	14.06	228	1099265	36.413	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	920210	45.061	ng	100
85) Di-n-octyl phthalate	14.62	149	1472003	45.303	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	919941	35.868	ng	99
88) Benzo(b)fluoranthene	15.07	252	1078073	45.545	ng	100
89) Benzo(k)fluoranthene	15.10	252	917663	43.484	ng	100
90) Benzo(a)pyrene	15.44	252	922540	45.346	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	786474	44.034	ng	99
92) Benzo(g,h,i)perylene	17.43	276	743186	41.723	ng	98

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

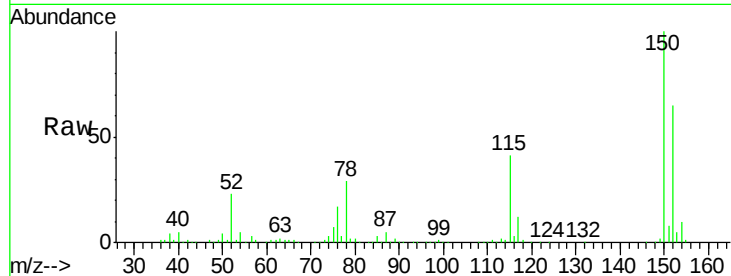


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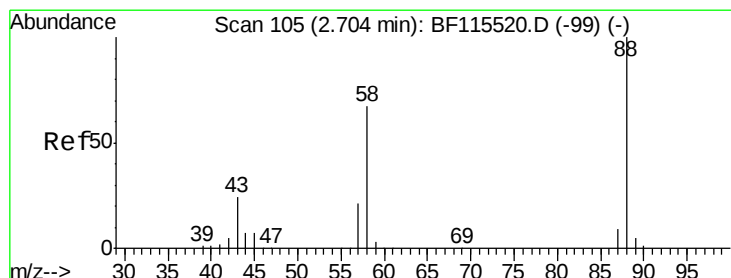
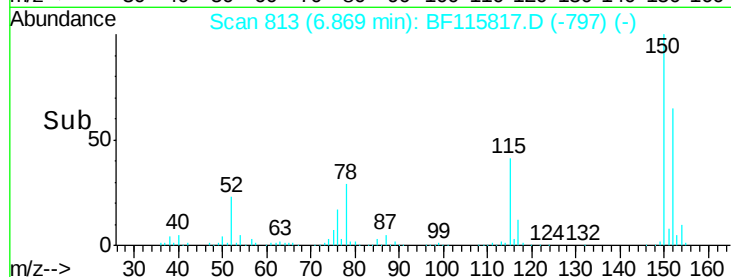
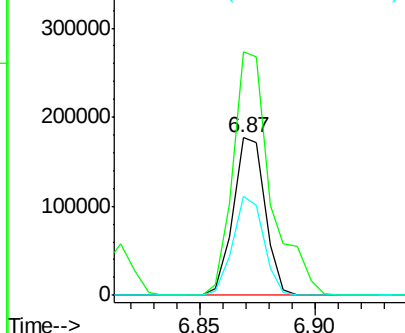
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170043
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 62.8 47.8 71.6



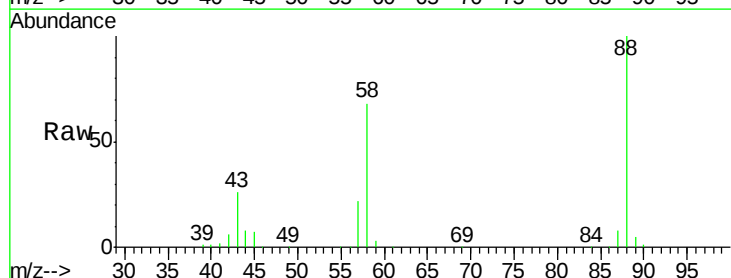
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



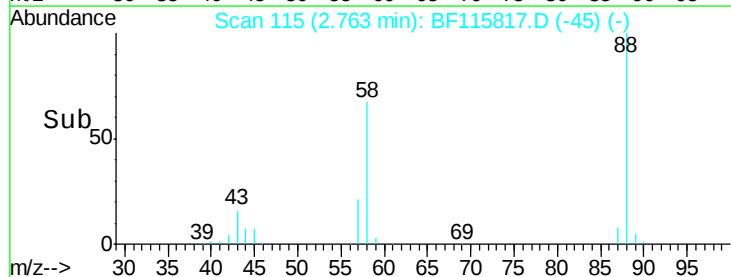
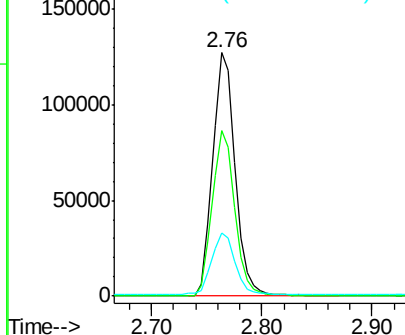
#2

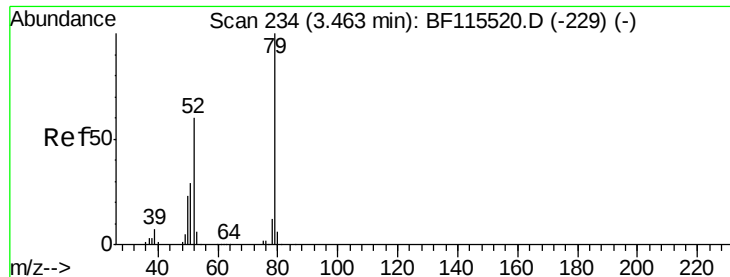
1,4-Dioxane
Concen: 34.405 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.11 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion: 88 Resp: 178408
Ion Ratio Lower Upper
88 100
58 68.7 54.2 81.4
43 26.1 20.8 31.2



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

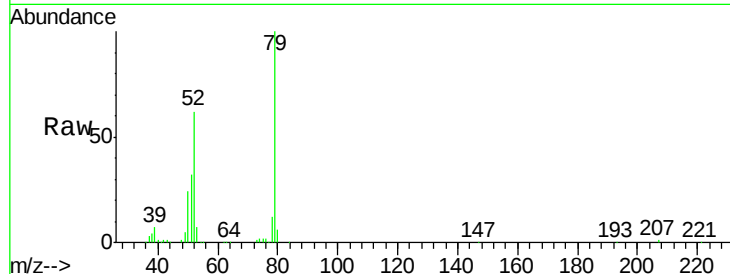




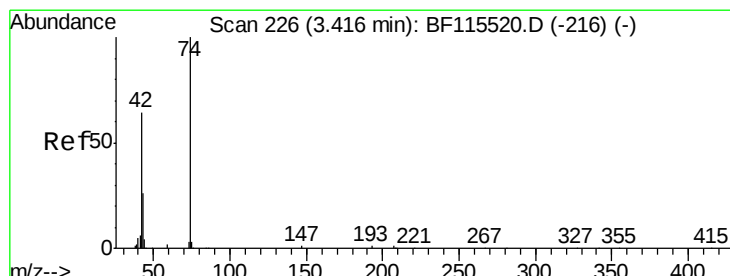
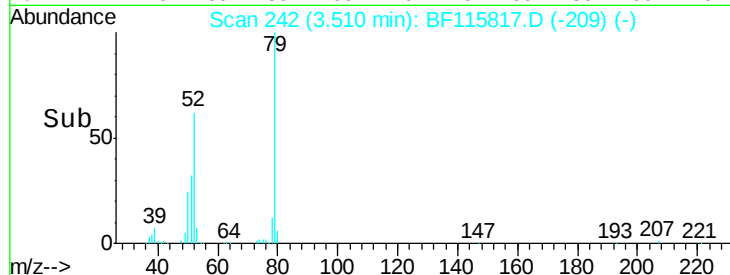
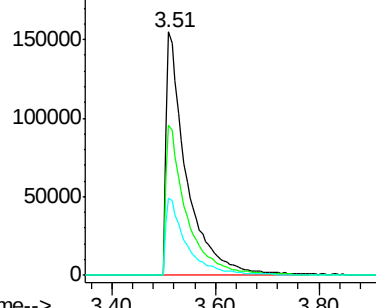
#3
 Pvridine
 Concen: 30.154 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.7	48.4	72.6
51	31.6	24.8	37.2

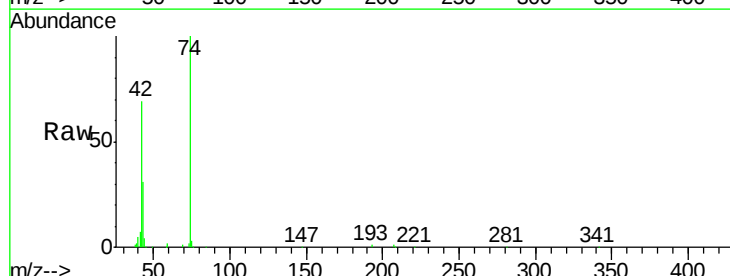


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

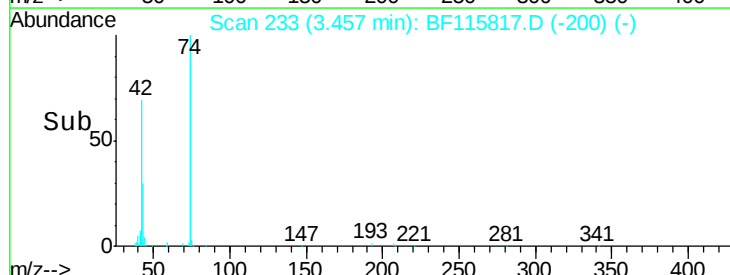
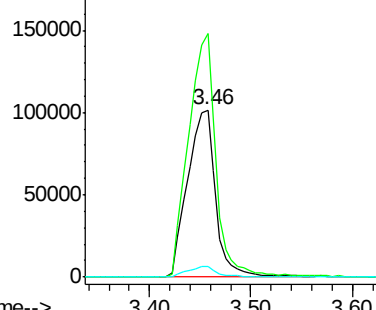


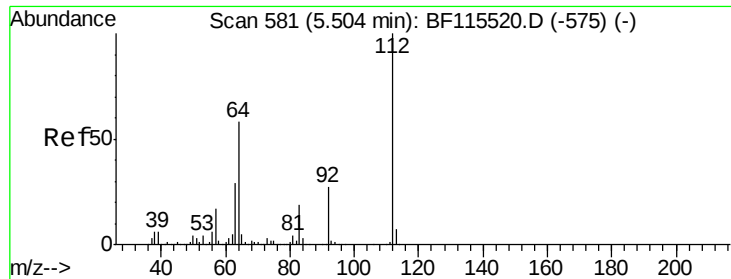
#4
 n-Nitrosodimethylamine
 Concen: 38.440 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.7	113.4	170.0
44	6.4	5.1	7.7



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: 106.855 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

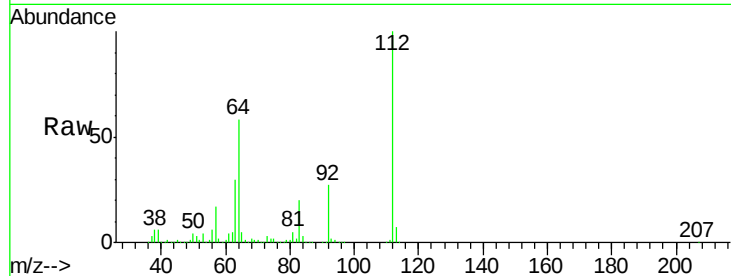
Tot Ion:112 Resp: 1110831

Ion Ratio Lower Upper

112 100

64 58.1 45.8 68.8

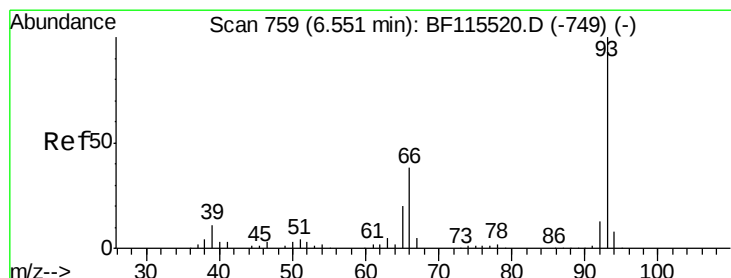
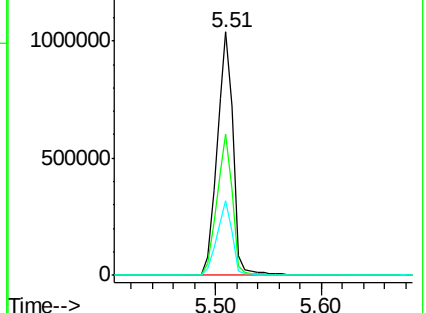
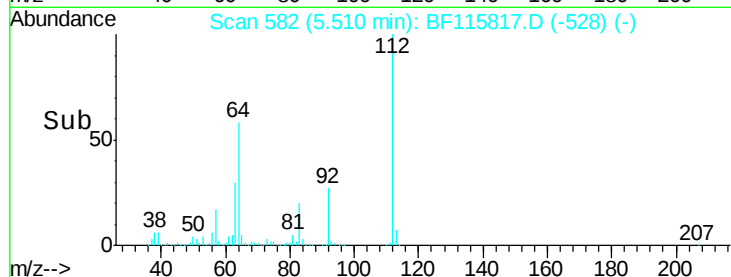
63 30.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.371 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

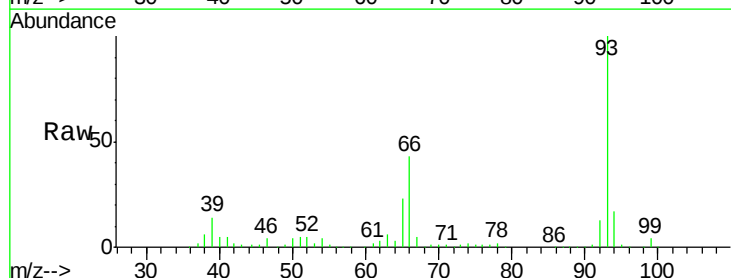
Tgt Ion: 93 Resp: 465728

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

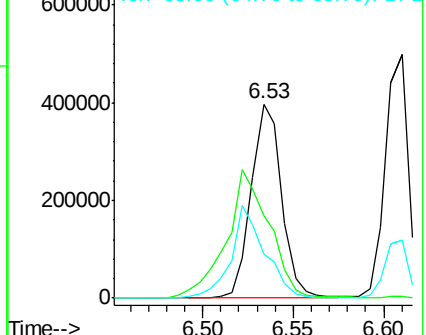
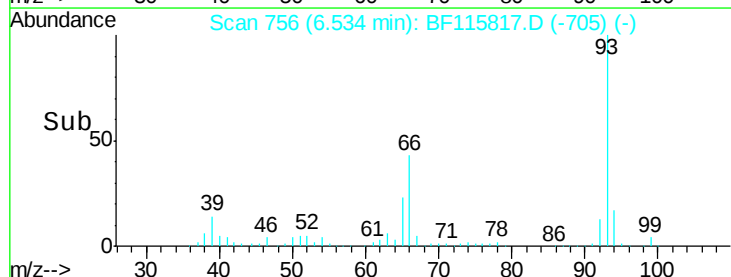
65 22.7 16.5 24.7

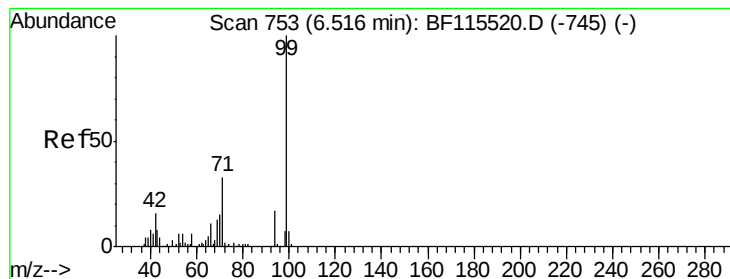


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.456 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

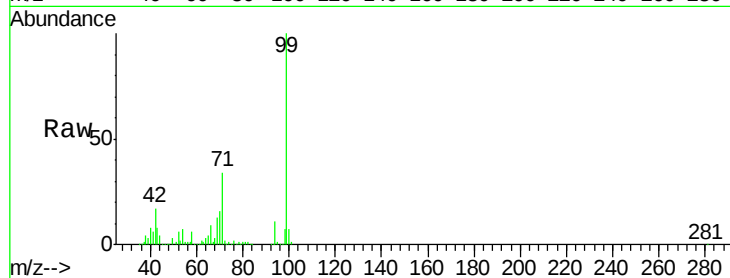
Tot Ion: 99 Resp: 1443828

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

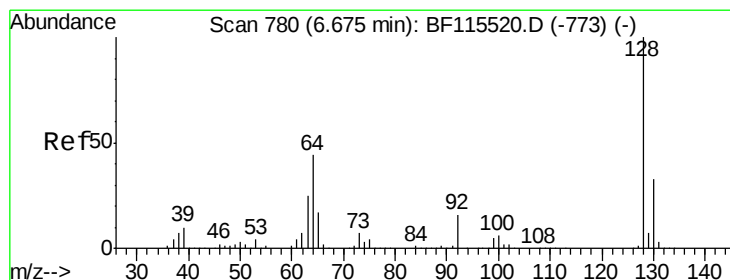
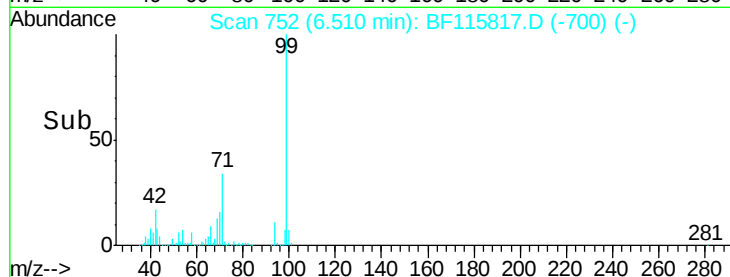
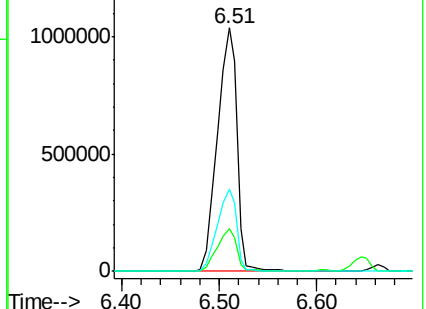
71 33.9 26.7 40.1



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: 37.929 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

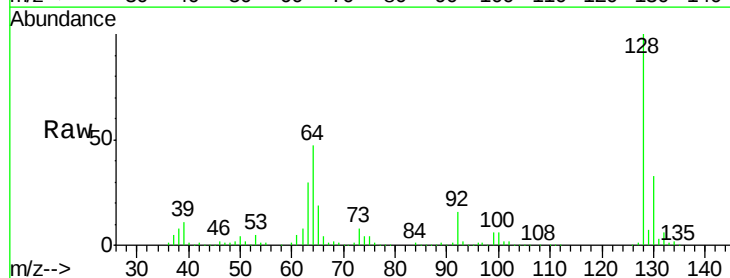
Tgt Ion: 128 Resp: 453332

Ion Ratio Lower Upper

128 100

130 32.6 13.8 53.8

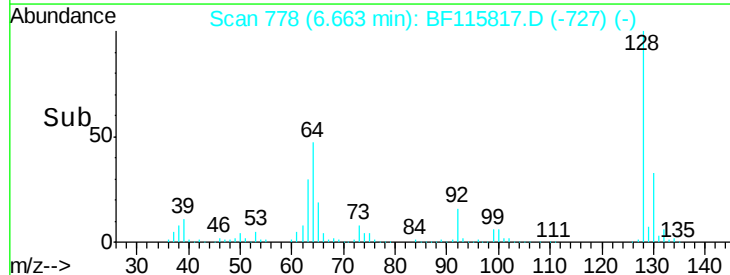
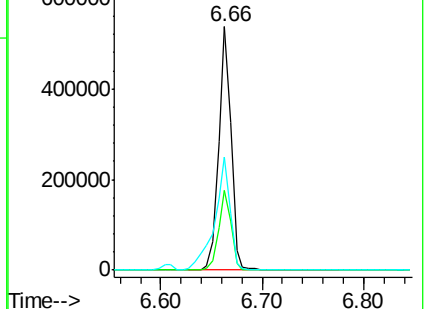
64 46.7 22.4 62.4

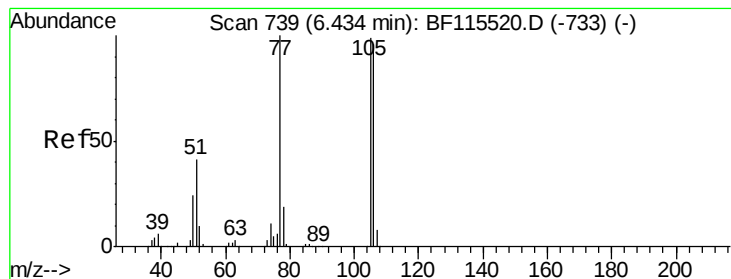


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.073 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

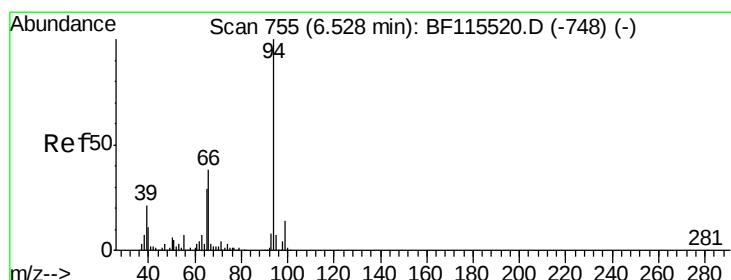
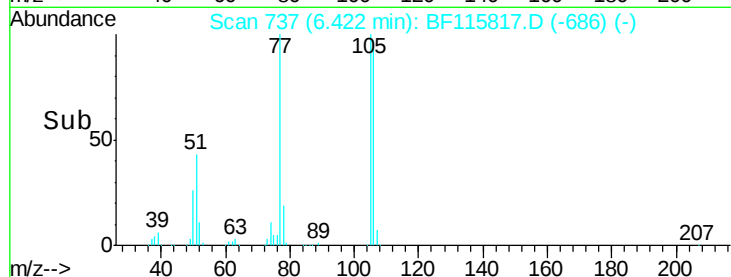
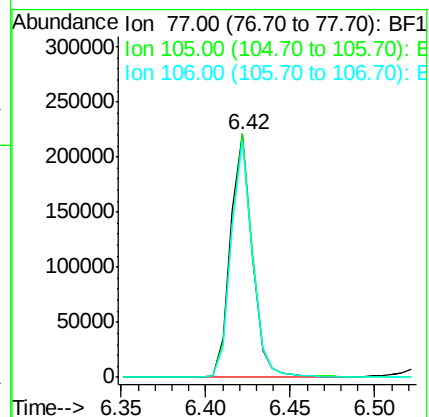
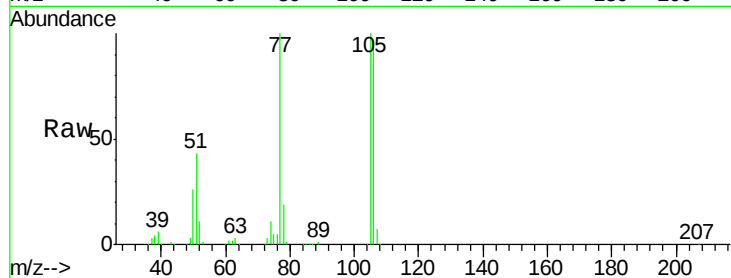
Tot Ion: 77 Resp: 198435

Ion Ratio Lower Upper

77 100

105 99.8 77.5 117.5

106 96.8 74.7 114.7



#10

Phenol

Concen: 37.046 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

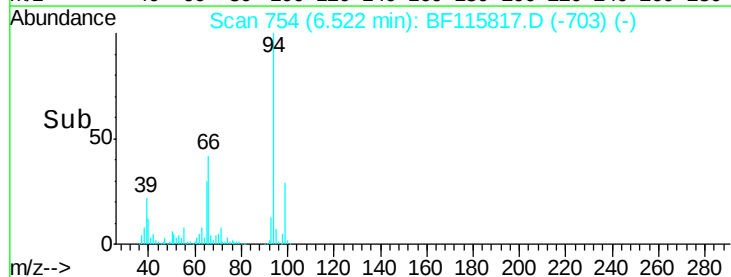
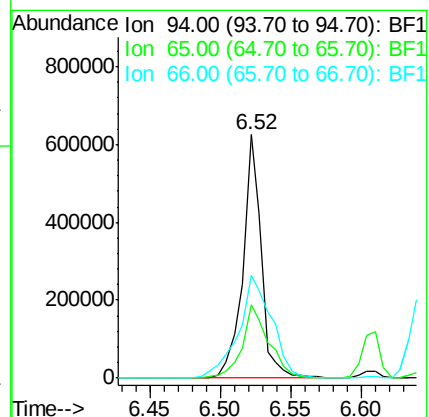
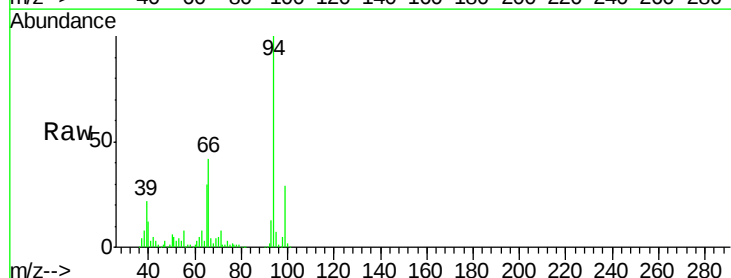
Tgt Ion: 94 Resp: 567287

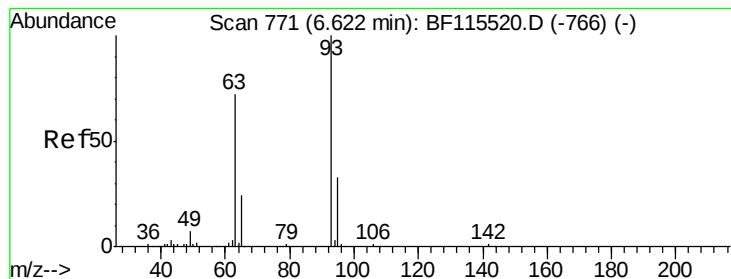
Ion Ratio Lower Upper

94 100

65 30.3 11.2 51.2

66 42.2 24.4 64.4

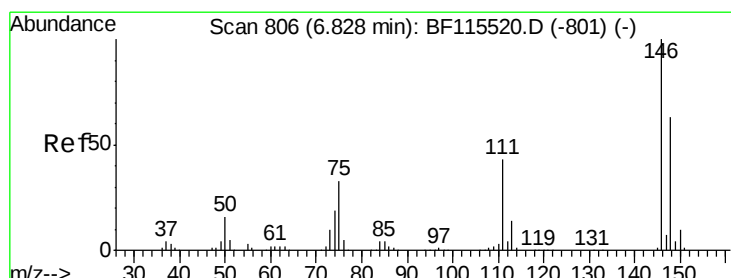
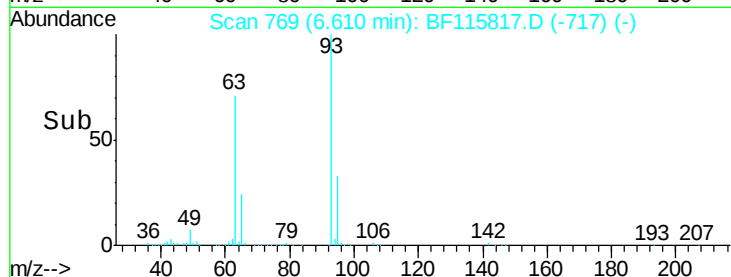
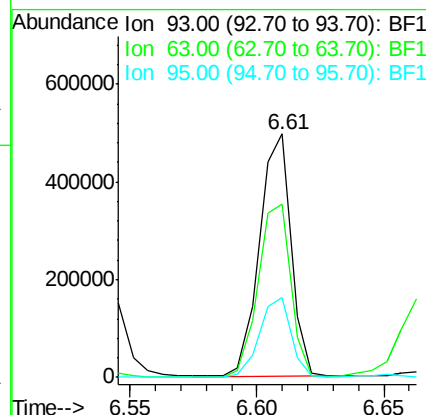
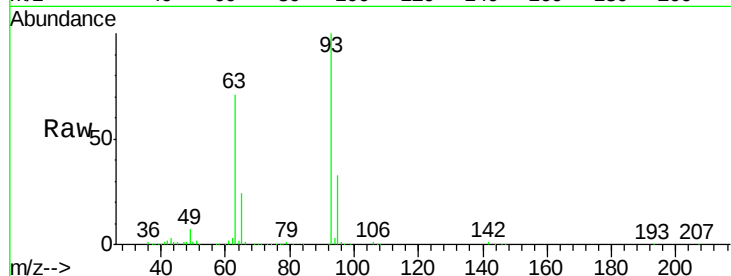




#11
bis(2-Chloroethyl)ether
Concen: 37.294 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

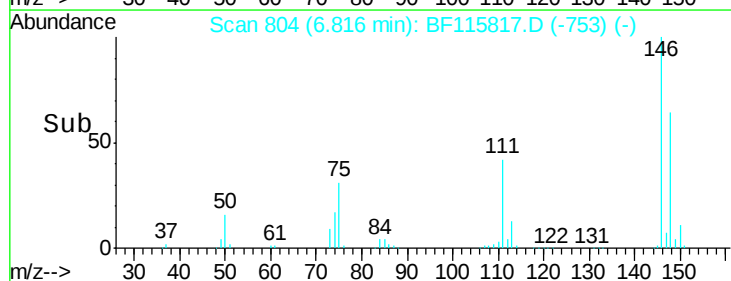
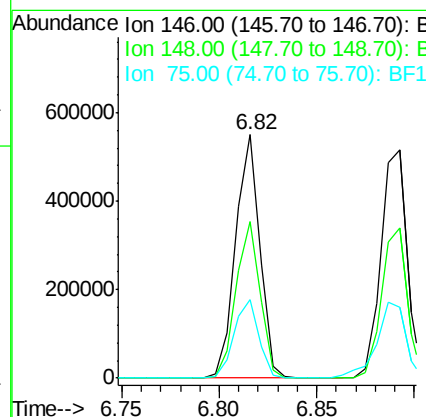
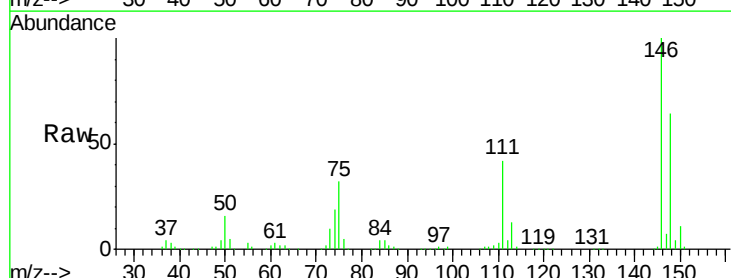
Instrument :
BNA_F
ClientSampleId :

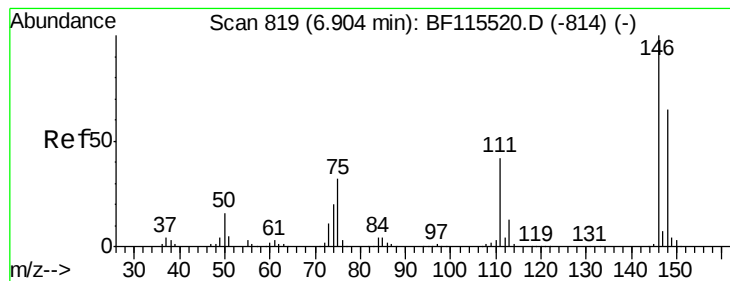
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.2	96.2
95	32.6	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 35.245 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	32.0	25.3	37.9

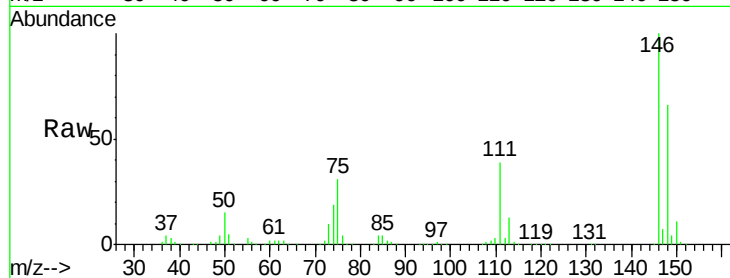




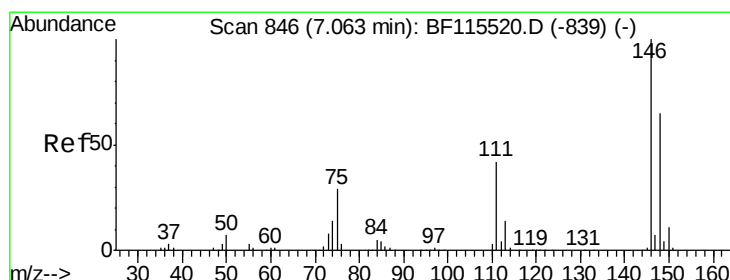
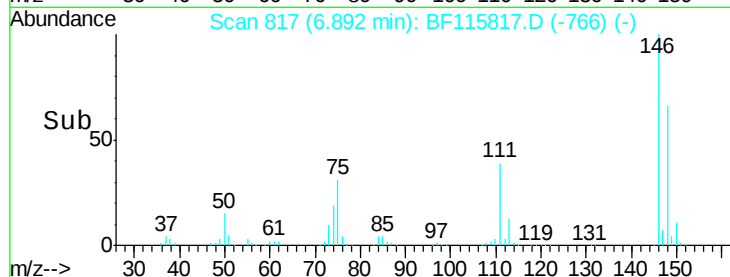
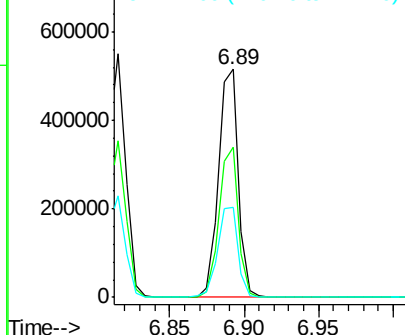
#13
 1,4-Dichlorobenzene
 Concen: 35.878 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 481047
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.7 79.1
 111 39.3 32.2 48.4

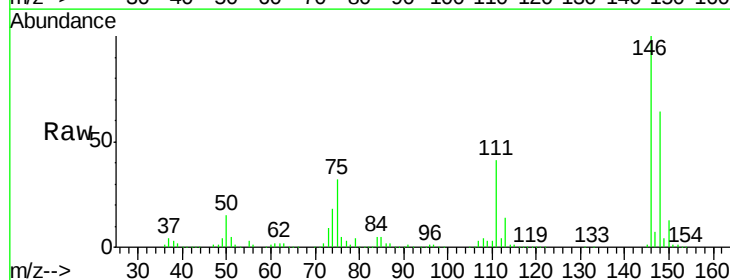


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

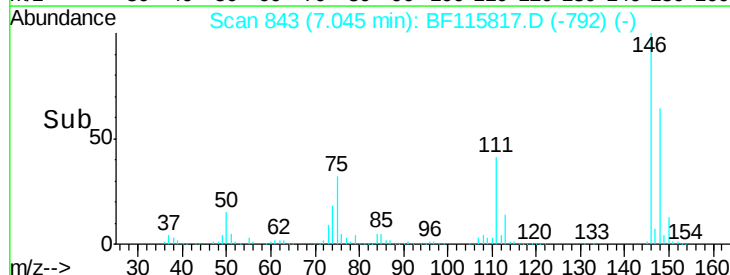
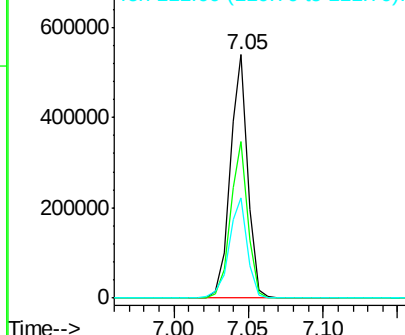


#14
 1,2-Dichlorobenzene
 Concen: 36.447 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:146 Resp: 446714
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.8
 111 41.3 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.199 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

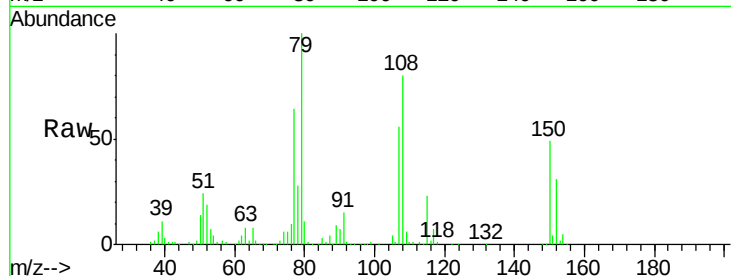
Tot Ion: 79 Resp: 389255

Ion Ratio Lower Upper

79 100

108 79.7 65.4 98.2

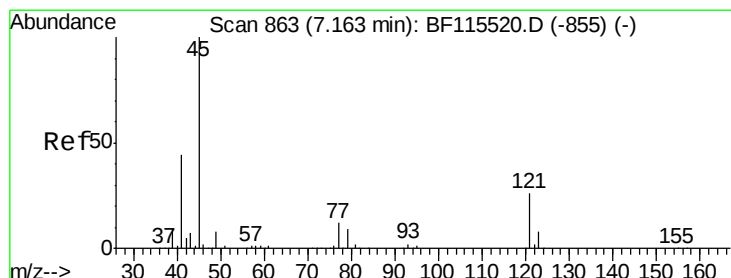
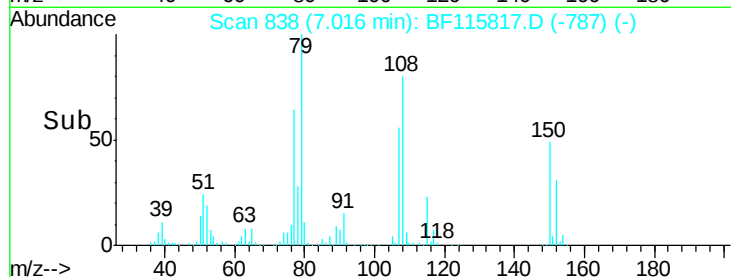
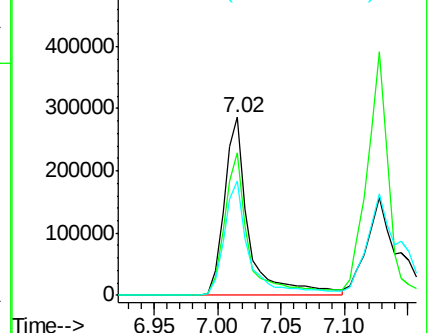
77 64.3 52.7 79.1



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: 38.582 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

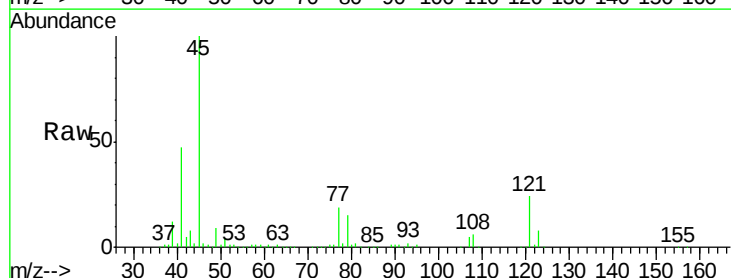
Tgt Ion: 45 Resp: 592193

Ion Ratio Lower Upper

45 100

77 18.6 0.0 36.8

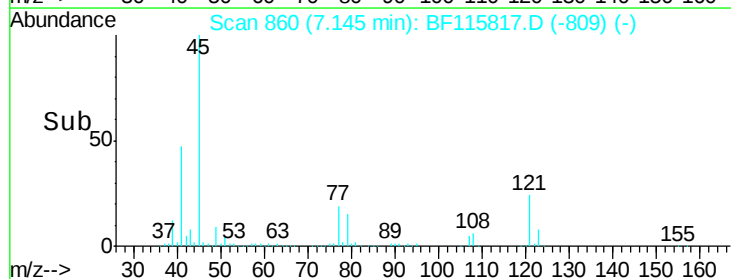
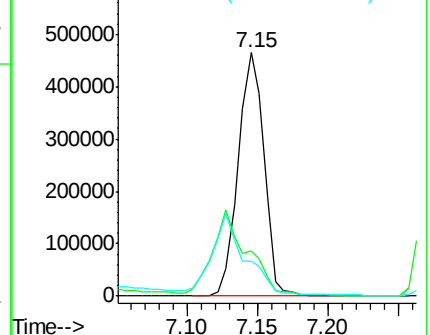
79 14.6 0.0 33.1

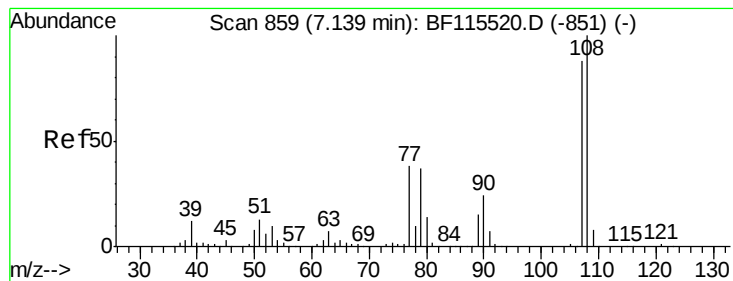


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.241 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 404189

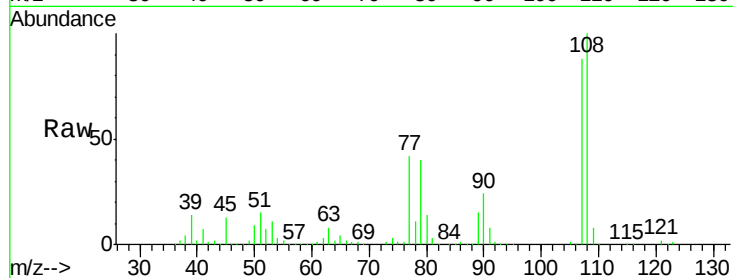
Ion Ratio Lower Upper

107 100

108 113.6 91.3 136.9

77 47.6 36.9 55.3

79 45.7 35.4 53.0

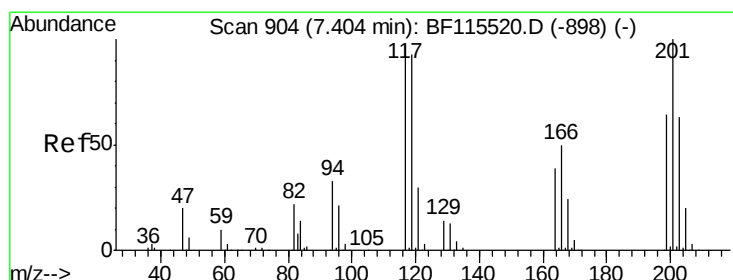
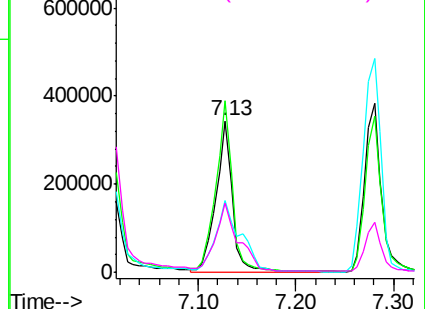
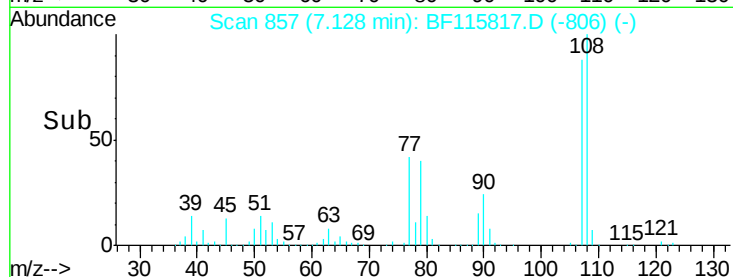


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.832 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

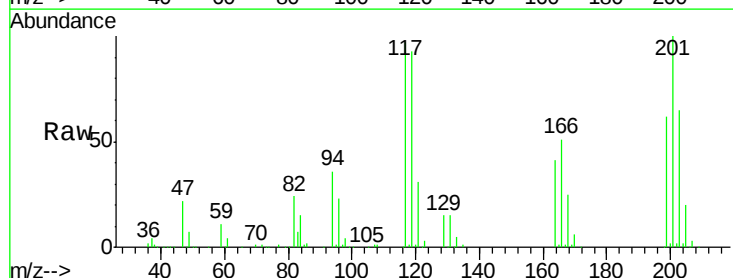
Tgt Ion:117 Resp: 178319

Ion Ratio Lower Upper

117 100

119 96.3 74.8 112.2

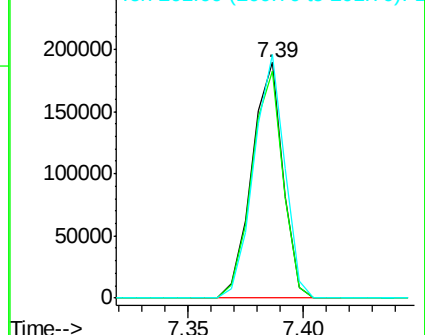
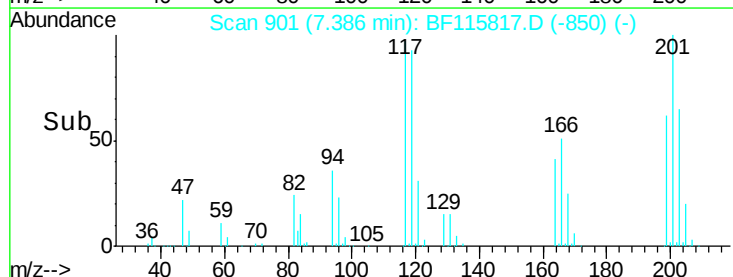
201 103.4 77.6 116.4

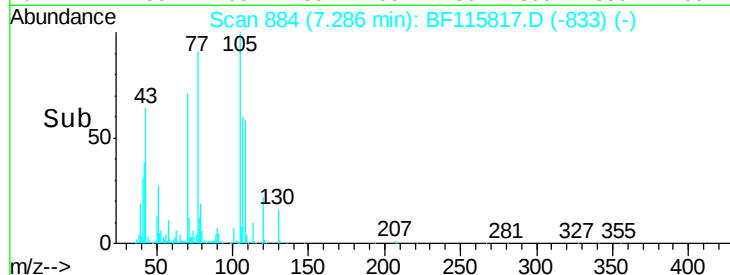
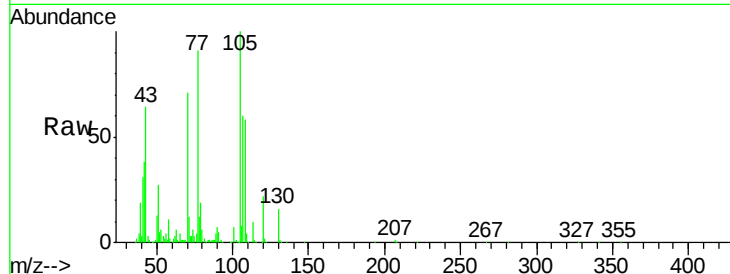
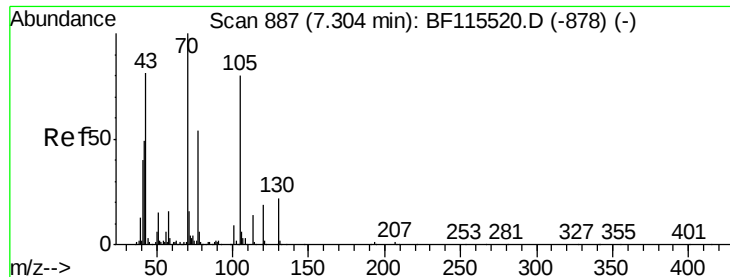


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

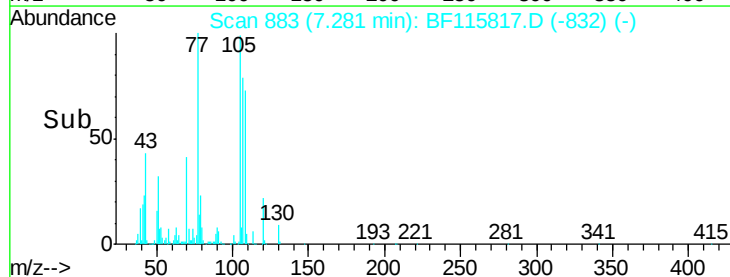
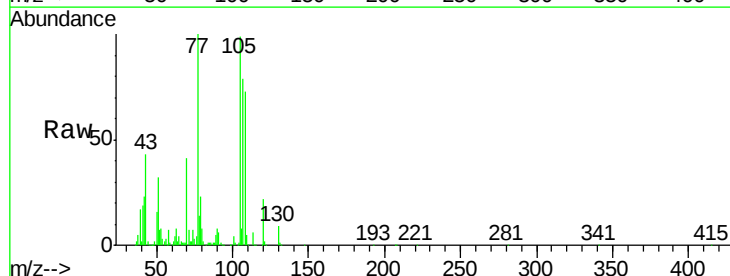
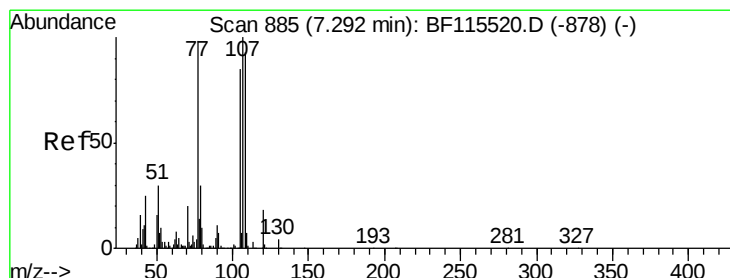
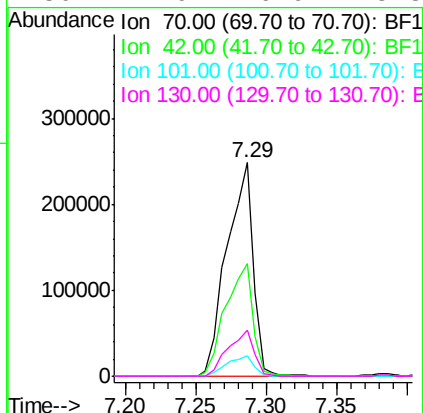




#19
n-Nitroso-di-n-propylamine
Concen: 37.432 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

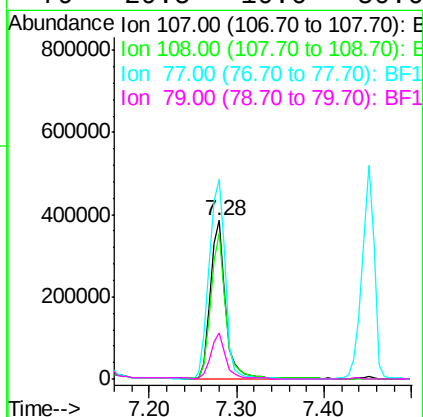
Instrument :
BNA_F
ClientSampleId :

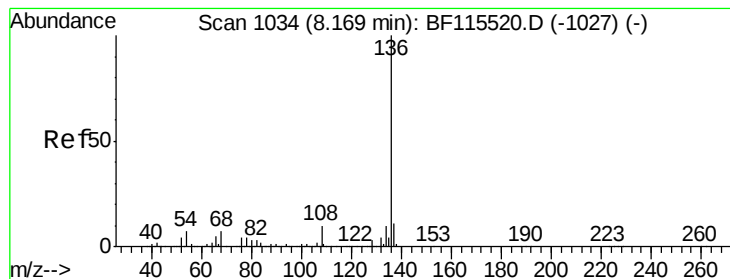
Tot Ion:	70	Resp:	322025
Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.8	62.8
101	9.9	7.6	11.4
130	21.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 37.932 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:	107	Resp:	464087
Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.0	113.0
77	126.0	107.5	147.5
79	29.5	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 706456

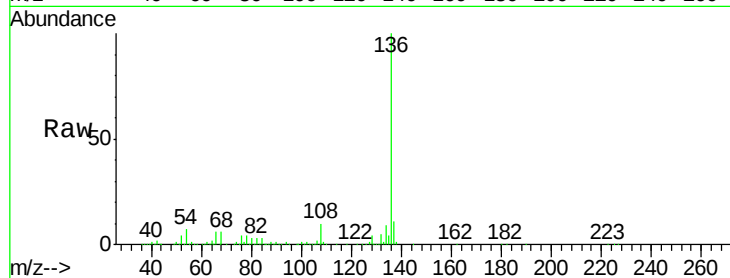
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.4 5.0 7.6

68 6.5 4.7 7.1

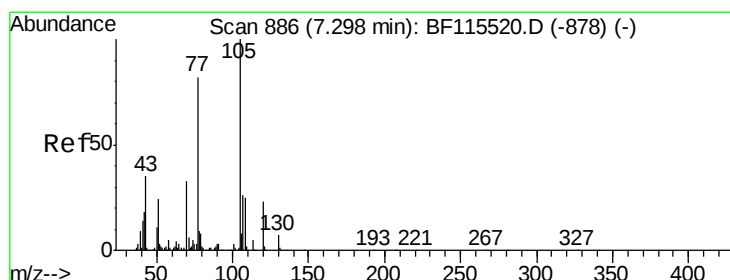
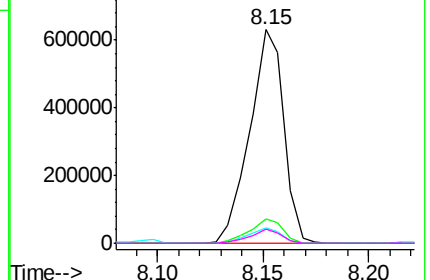
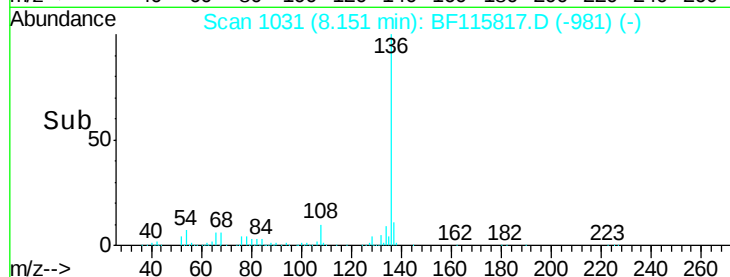


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.043 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Tgt Ion:105 Resp: 623122

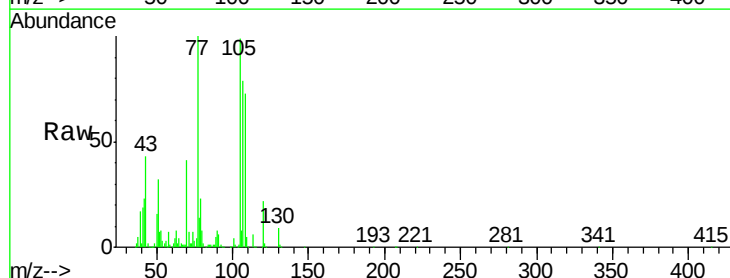
Ion Ratio Lower Upper

105 100

71 7.2 4.7 7.1#

51 31.8 25.6 38.4

120 21.8 17.7 26.5

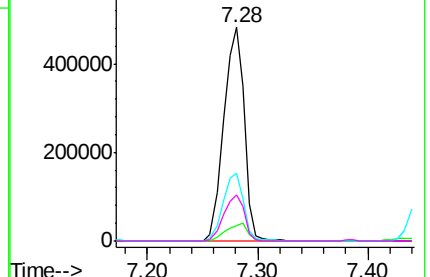
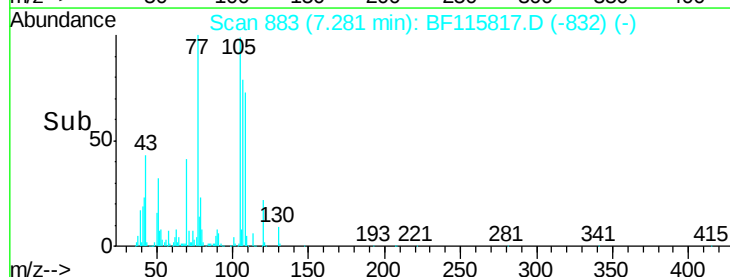


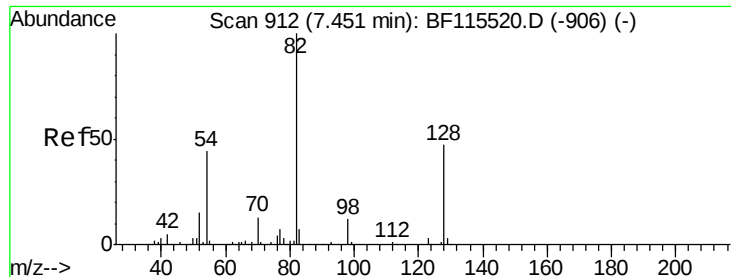
Abundance Ion 105.00 (104.70 to 105.70): E

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

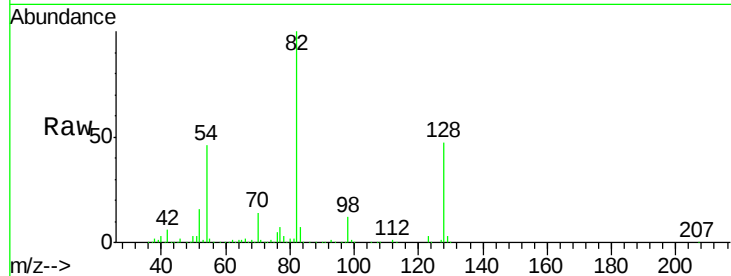




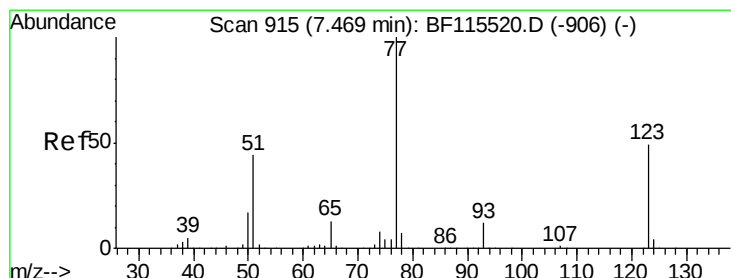
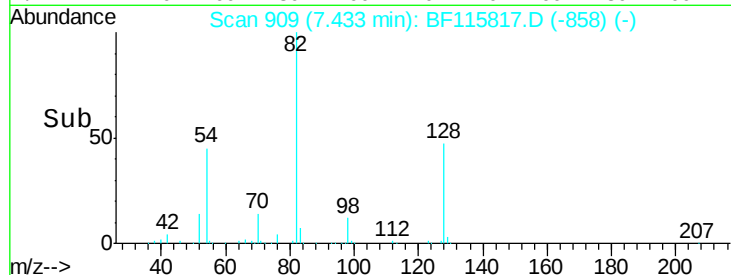
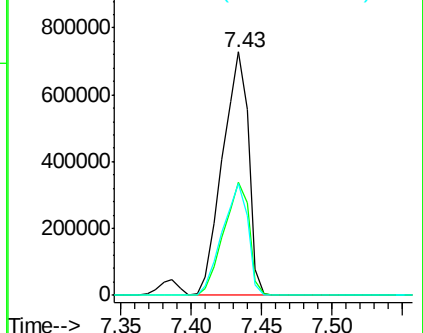
#23
Nitrobenzene-d5
Concen: 76.470 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 929073
Ion Ratio Lower Upper
82 100
128 46.6 36.6 55.0
54 45.9 36.6 54.8

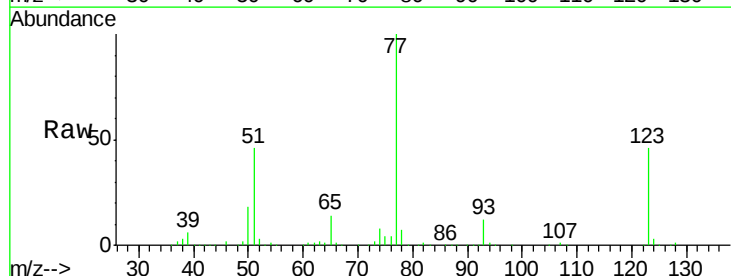


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

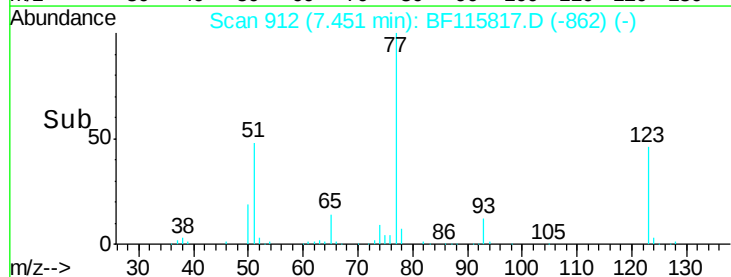
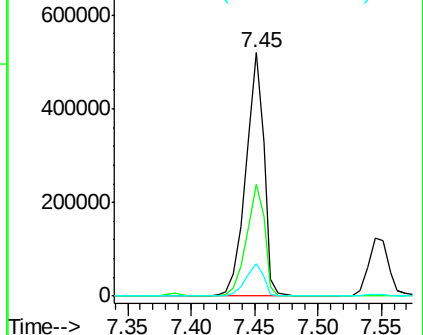


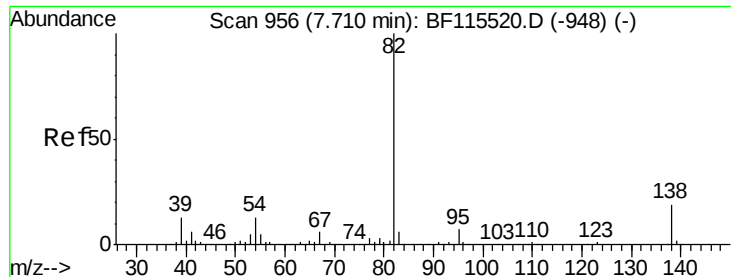
#24
Nitrobenzene
Concen: 38.773 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion: 77 Resp: 508101
Ion Ratio Lower Upper
77 100
123 46.1 39.9 59.9
65 13.6 10.5 15.7



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





#25

Isophorone

Concen: 39.236 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

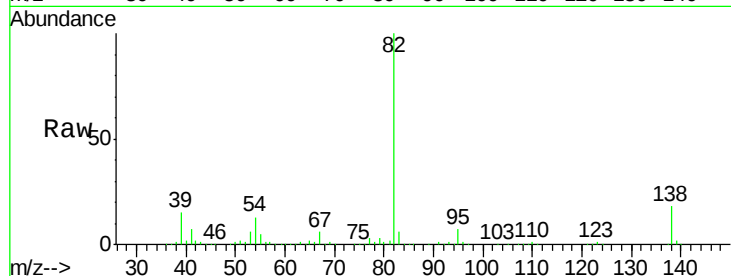
Tot Ion: 82 Resp: 953880

Ion Ratio Lower Upper

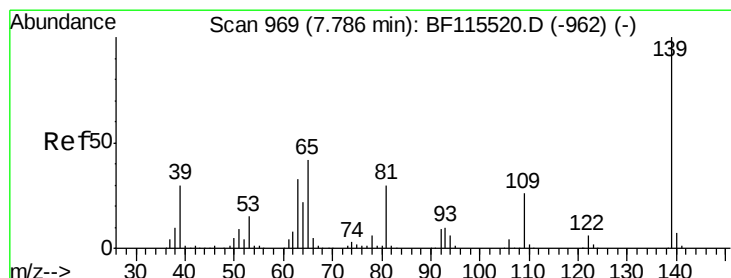
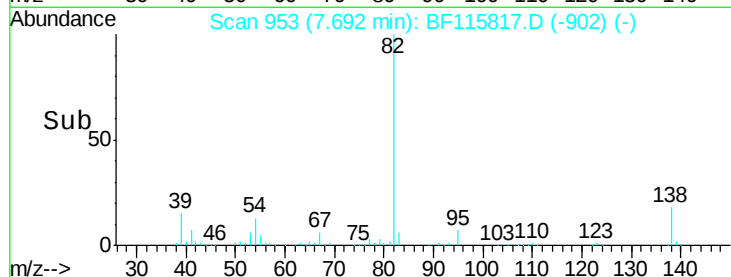
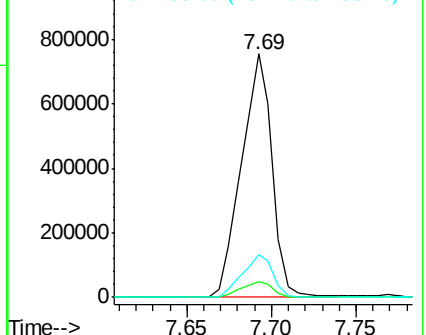
82 100

95 6.6 5.6 8.4

138 17.6 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.281 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

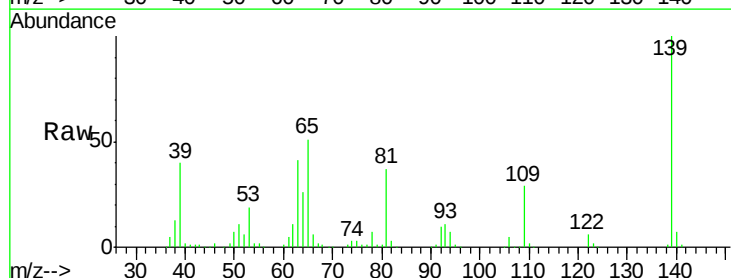
Tgt Ion: 139 Resp: 258204

Ion Ratio Lower Upper

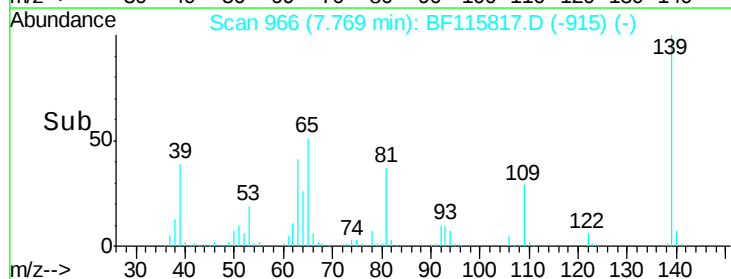
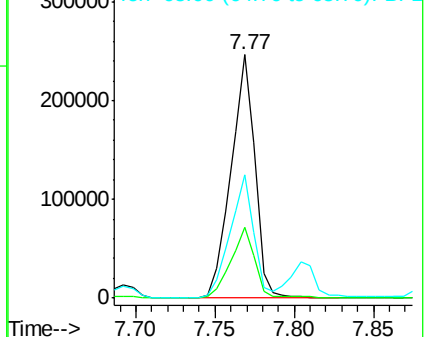
139 100

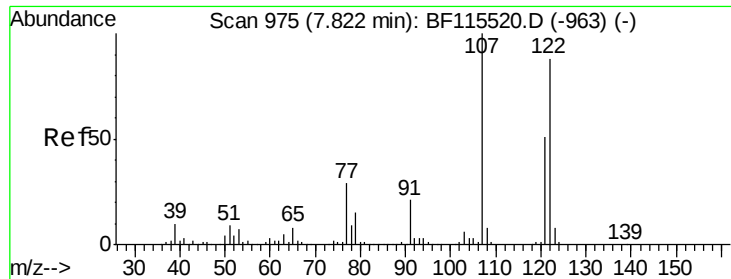
109 29.3 23.2 34.8

65 50.8 40.5 60.7



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

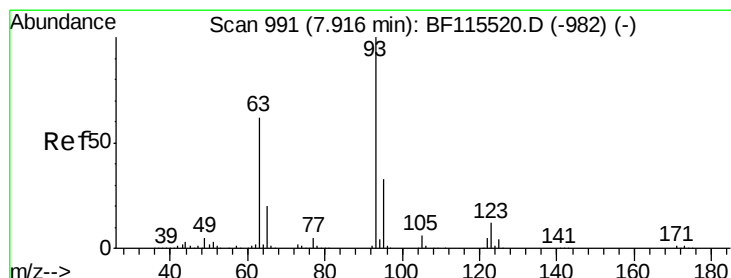
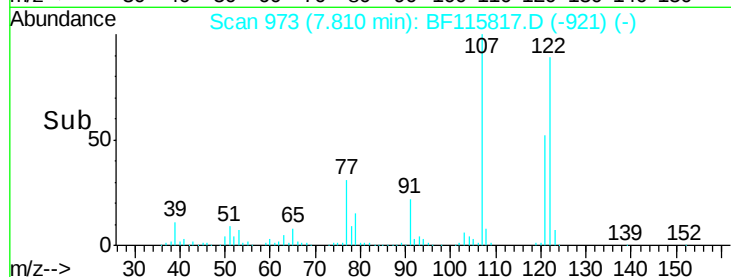
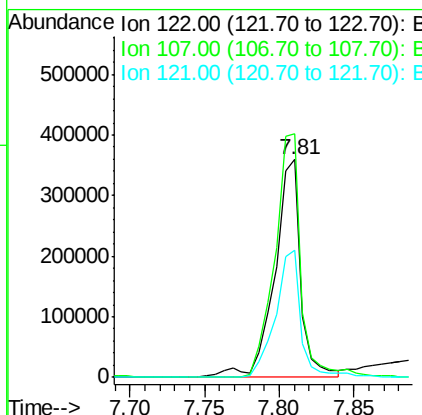
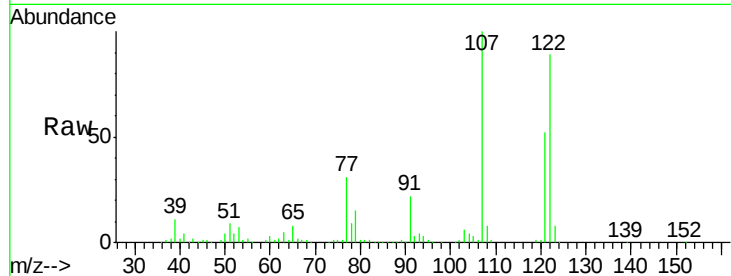




#27
2,4-Dimethylphenol
Concen: 43.595 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

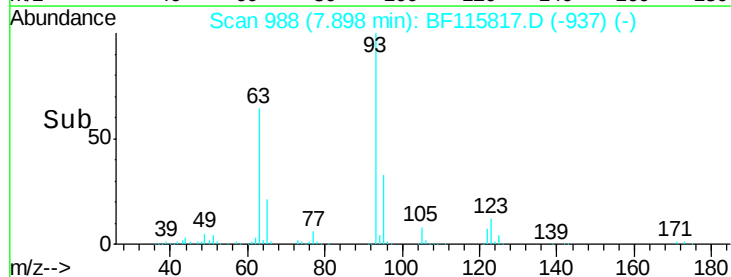
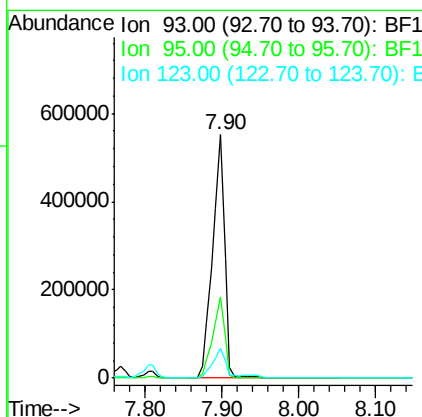
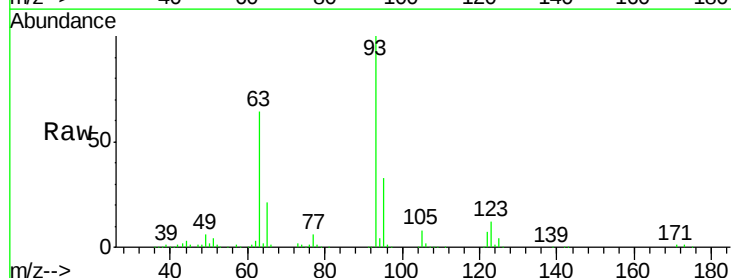
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 439963
Ion Ratio Lower Upper
122 100
107 112.0 92.6 138.8
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.395 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion: 93 Resp: 587554
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.1 9.3 13.9

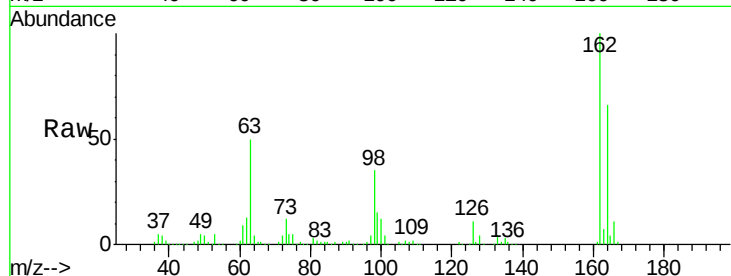




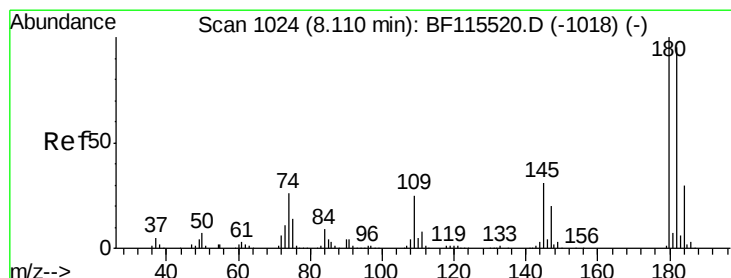
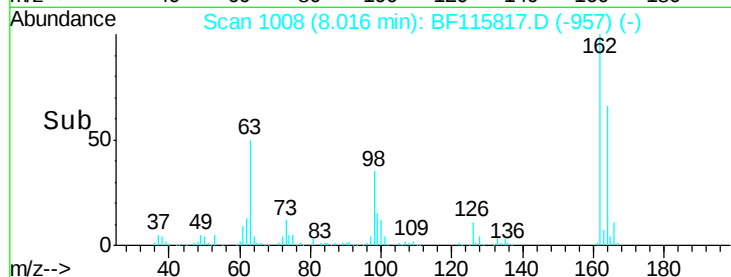
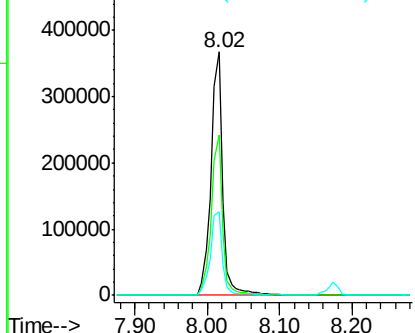
#29
2,4-Dichlorophenol
Concen: 39.170 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	34.5	12.9	52.9

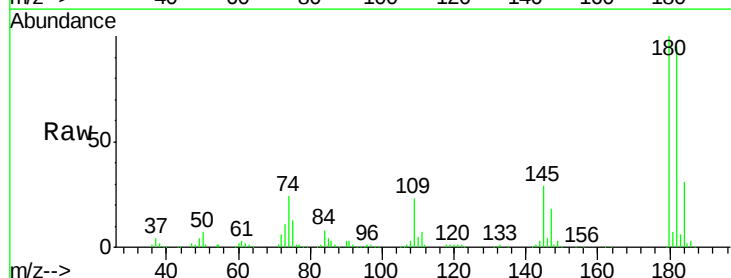


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

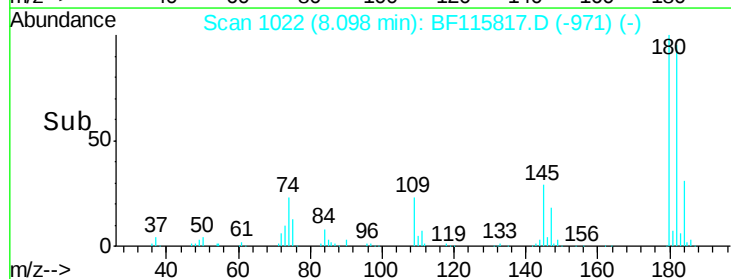
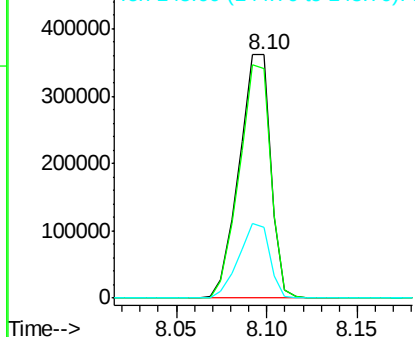


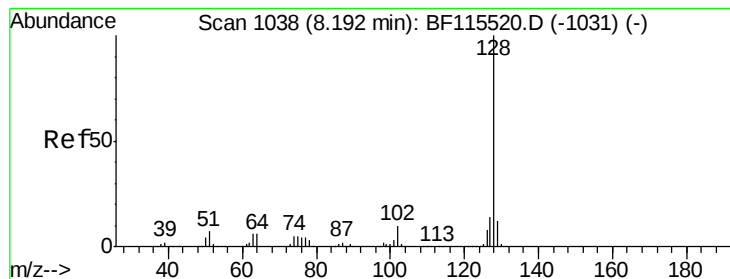
#30
1,2,4-Trichlorobenzene
Concen: 36.854 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
145	29.2	23.6	35.4



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





#31

Naphthalene

Concen: 39.319 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

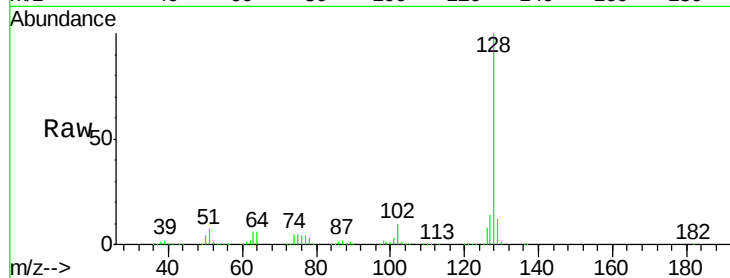
Tot Ion:128 Resp: 1345237

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

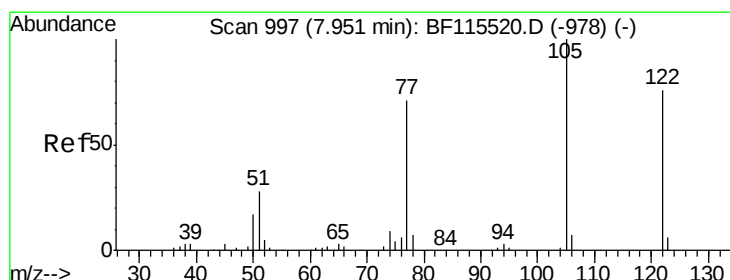
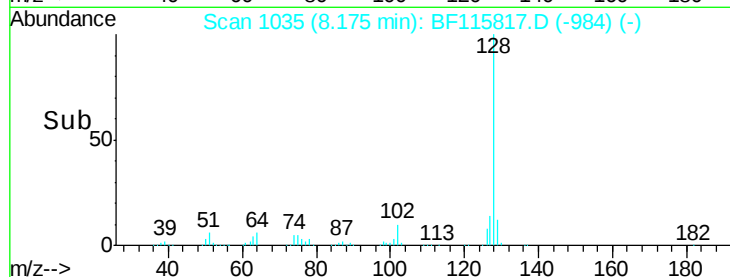
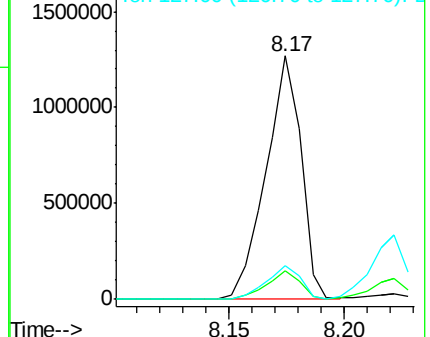
127 13.8 10.9 16.3



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: 36.963 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

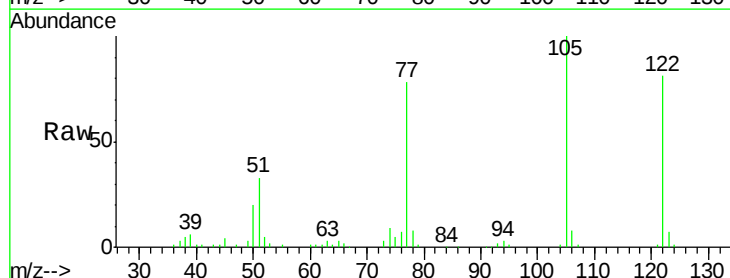
Tgt Ion:122 Resp: 306141

Ion Ratio Lower Upper

122 100

105 123.0 102.0 142.0

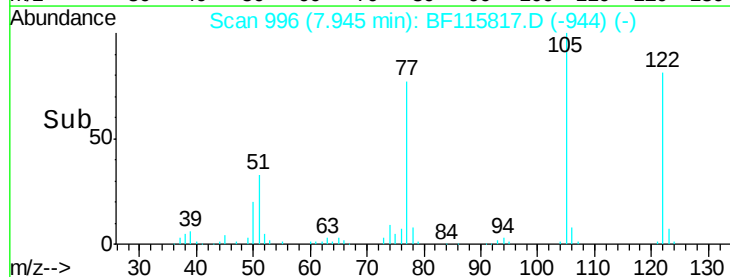
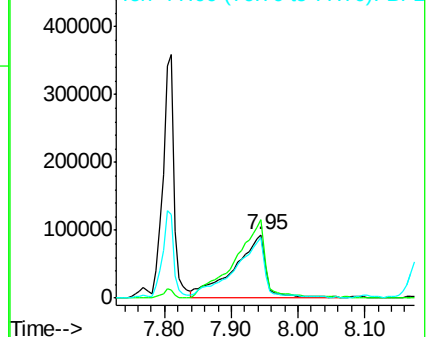
77 95.6 73.6 113.6



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

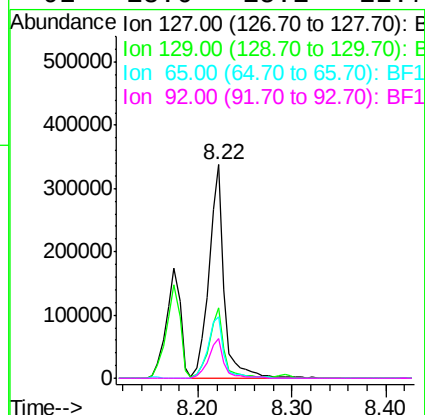
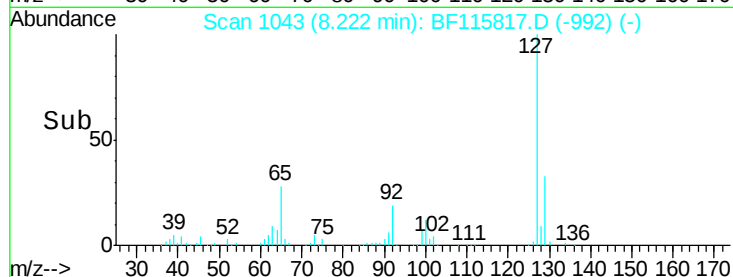
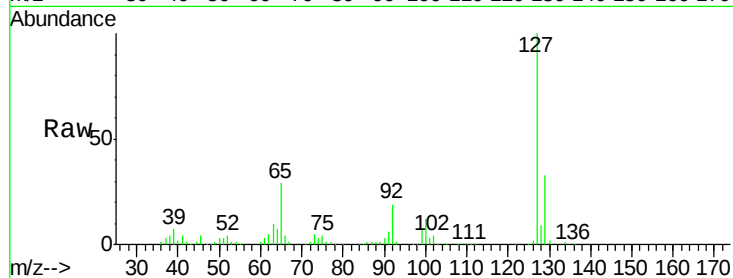




#33
4-Chloroaniline
Concen: 25.190 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

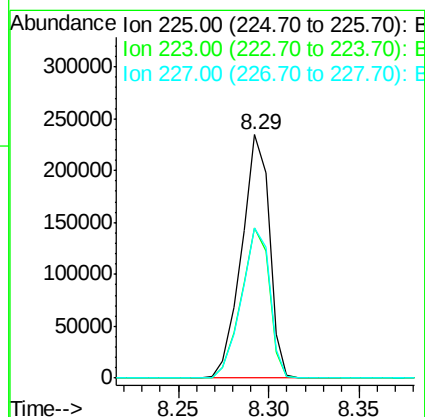
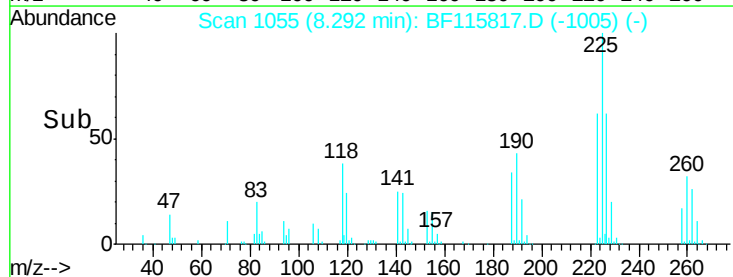
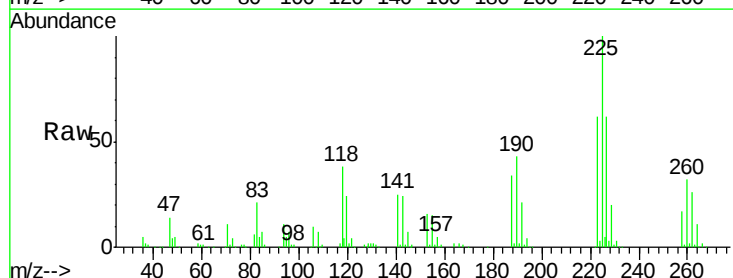
Instrument :
BNA_F
ClientSampleId :

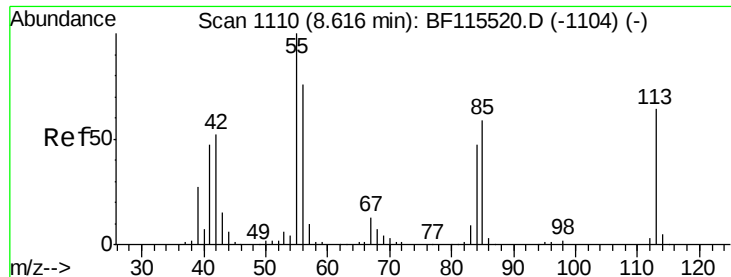
Tot Ion:	127	Resp:	381748
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.1	23.8	35.8
92	18.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.691 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:	225	Resp:	249630
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	61.8	52.8	79.2

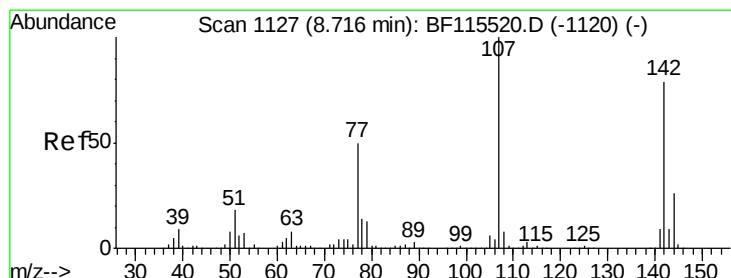
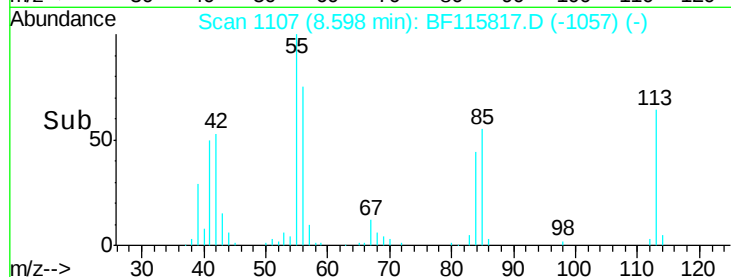
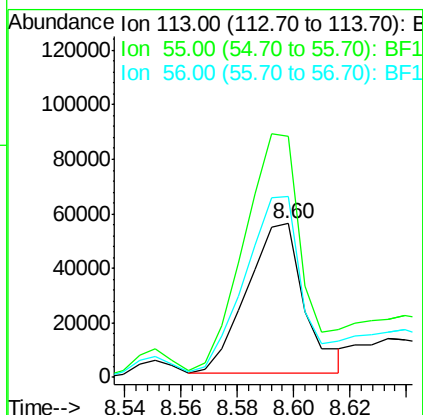
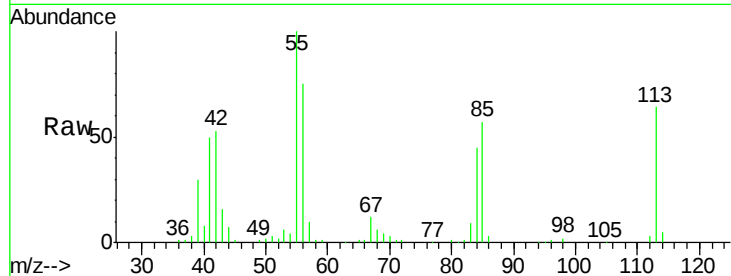




#35
 Caprolactam
 Concen: 23.849 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

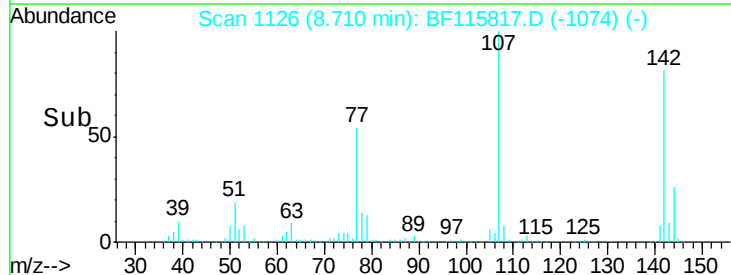
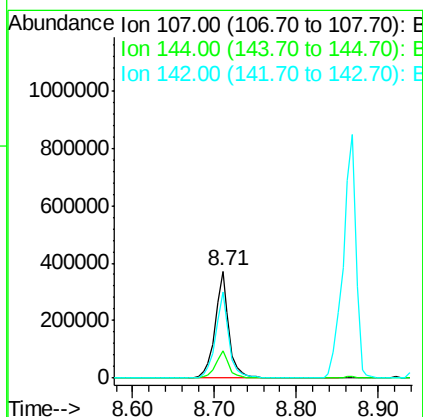
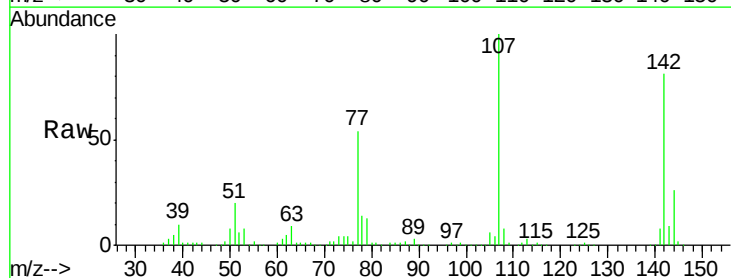
Instrument :
 BNA_F
 ClientSampleId :

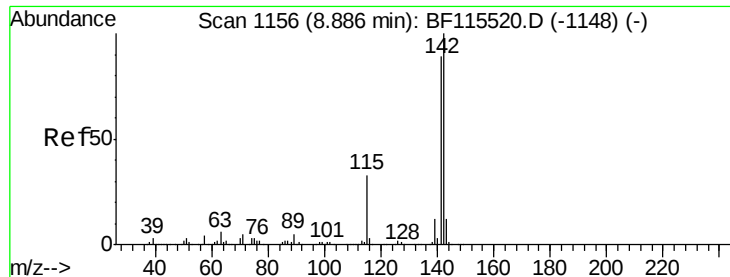
Tot Ion:113 Resp: 77350
 Ion Ratio Lower Upper
 113 100
 55 156.9 130.5 170.5
 56 117.4 93.1 133.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.888 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:107 Resp: 434279
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.1 30.1
 142 80.8 62.3 93.5

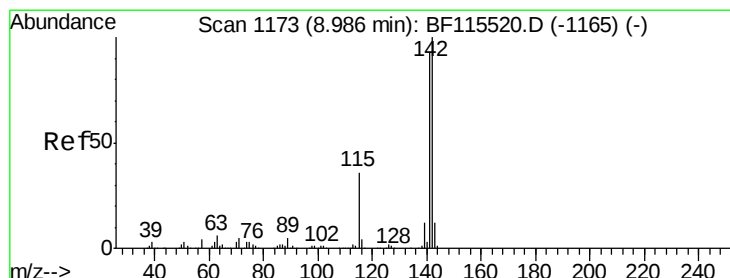
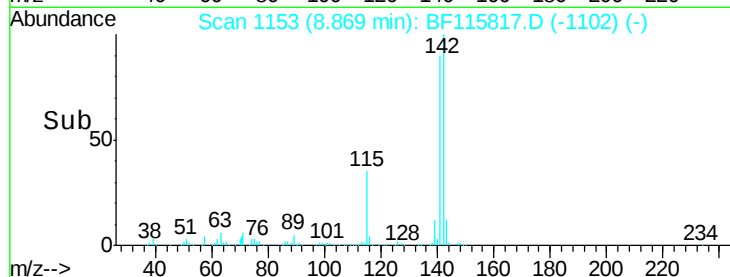
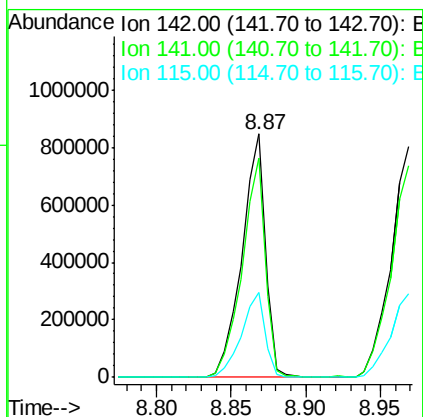
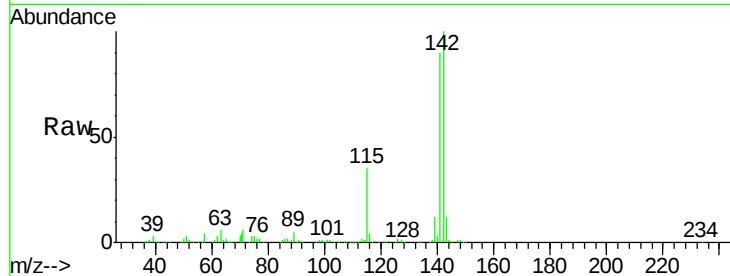




#37
 2-Methylnaphthalene
 Concen: 40.705 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

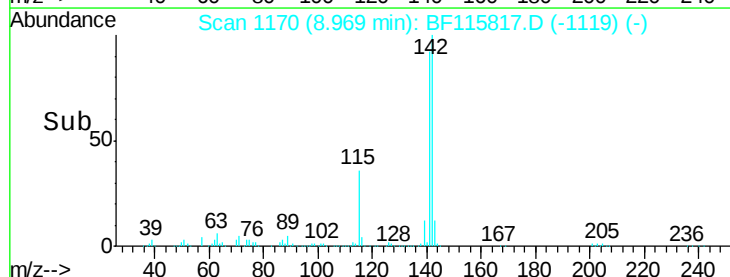
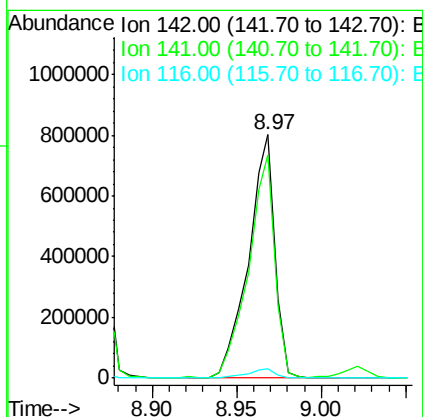
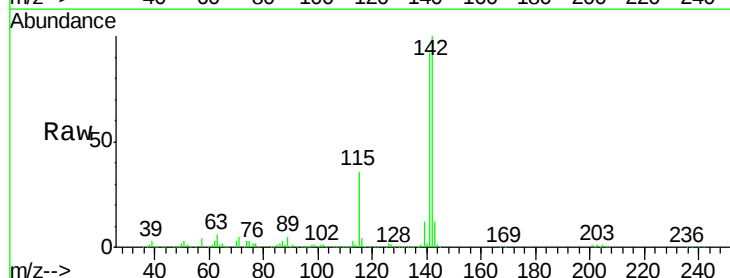
Instrument :
 BNA_F
 ClientSampleId :

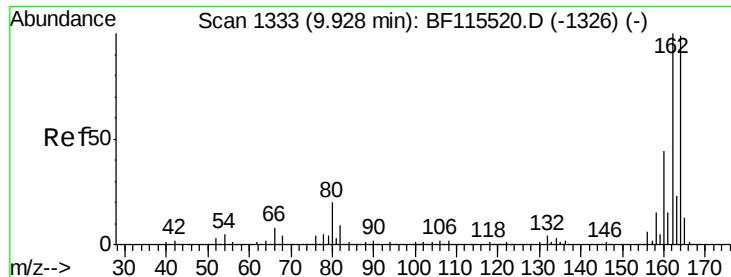
Tot Ion:142 Resp: 923153
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.4
 115 35.1 27.7 41.5



#38
 1-Methylnaphthalene
 Concen: 40.409 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:142 Resp: 870474
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.9 110.9
 116 3.7 3.0 4.6

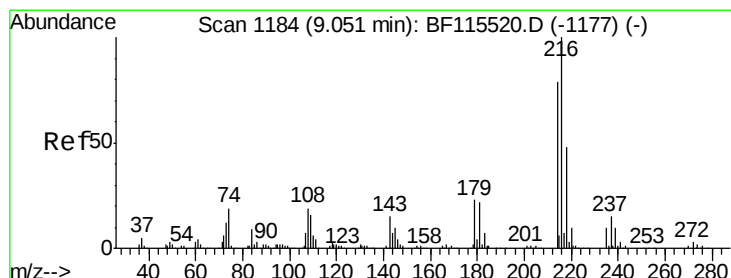
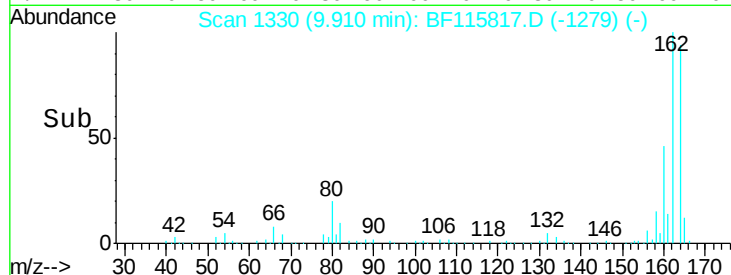
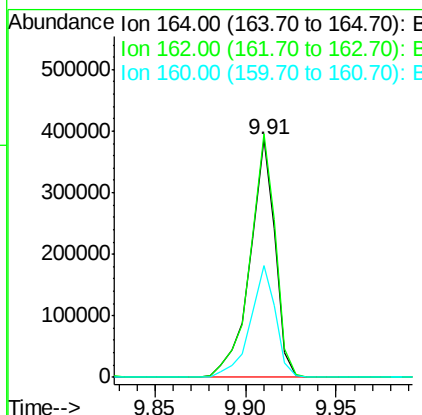
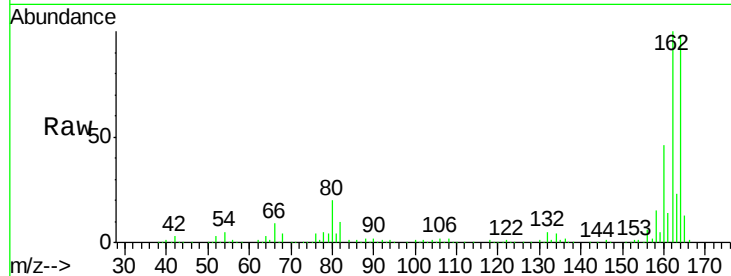




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

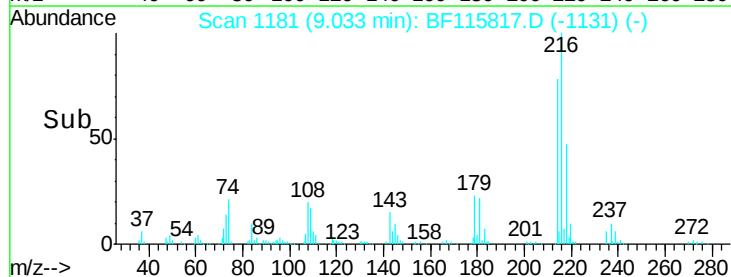
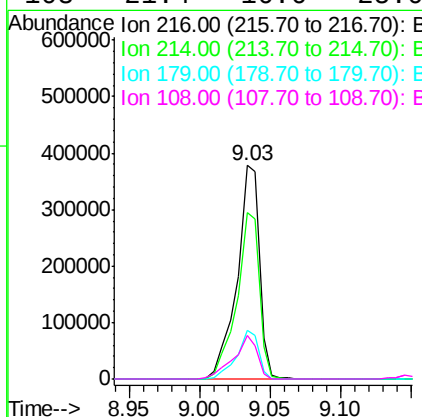
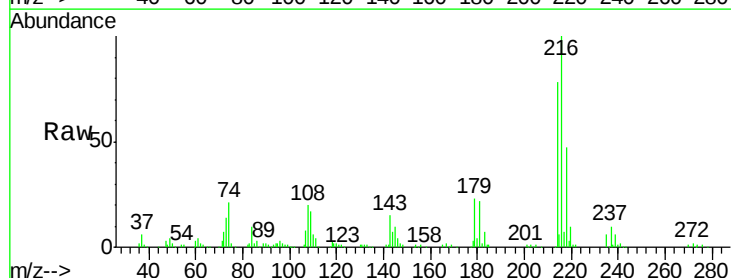
Instrument :
 BNA_F
 ClientSampled :

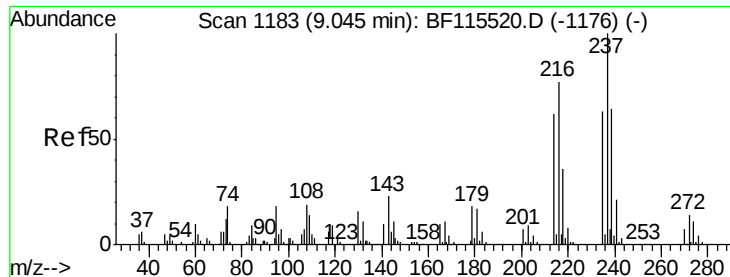
Tot Ion:164 Resp: 370731
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.8 122.6
 160 47.0 37.5 56.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.533 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:216 Resp: 419017
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.0 94.6
 179 22.0 17.4 26.2
 108 21.4 16.6 25.0





#41

Hexachlorocyclopentadiene

Concen: 47.957 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

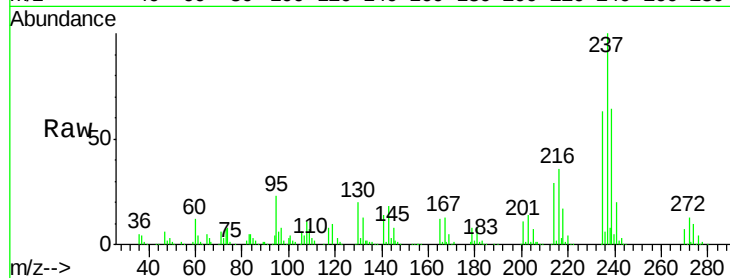
Tot Ion:237 Resp: 305409

Ion Ratio Lower Upper

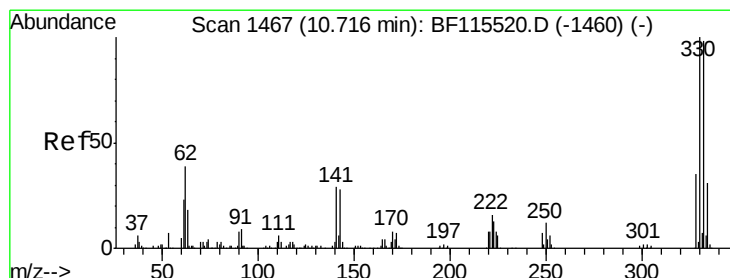
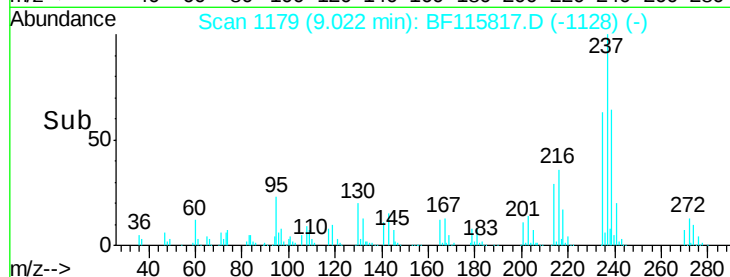
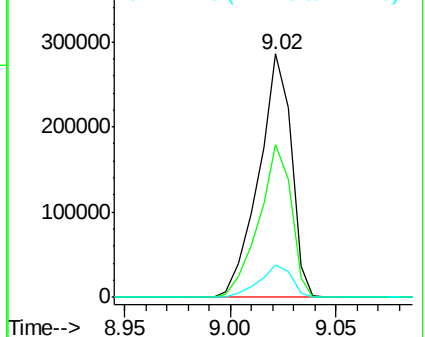
237 100

235 62.8 44.3 84.3

272 13.2 0.0 33.0



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: 101.467 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

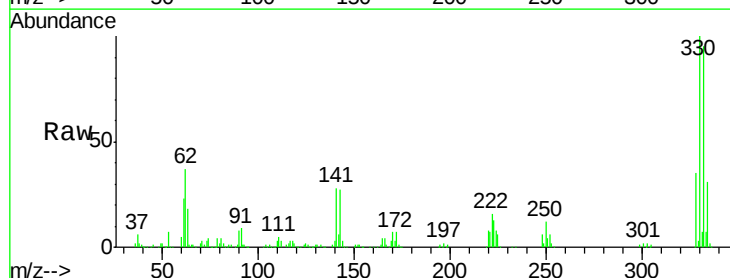
Tgt Ion:330 Resp: 439080

Ion Ratio Lower Upper

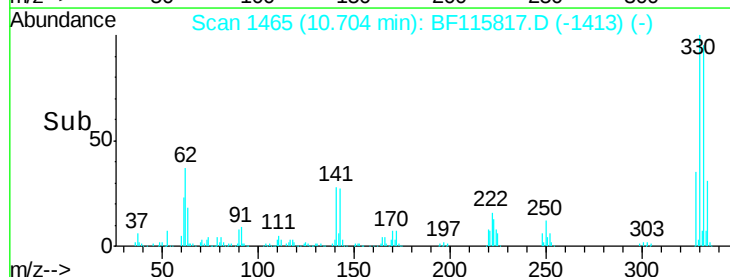
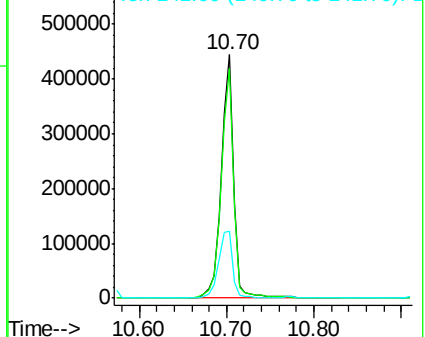
330 100

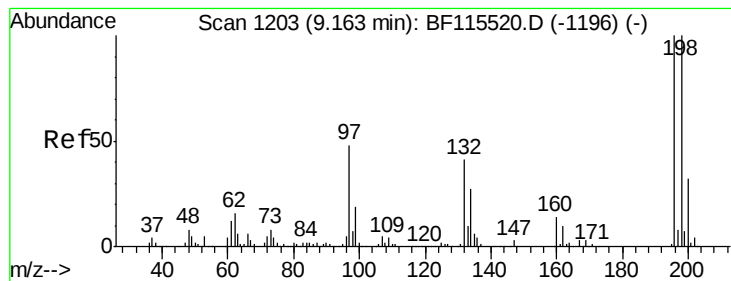
332 96.1 76.1 114.1

141 31.7 25.9 38.9



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: 35.235 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

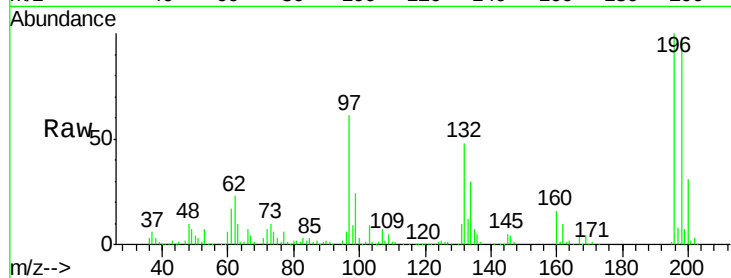
Tot Ion:196 Resp: 287664

Ion Ratio Lower Upper

196 100

198 98.5 79.8 119.6

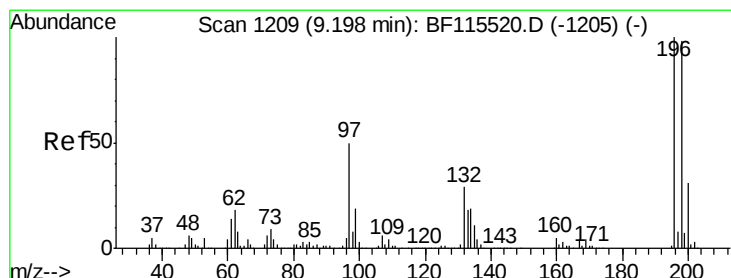
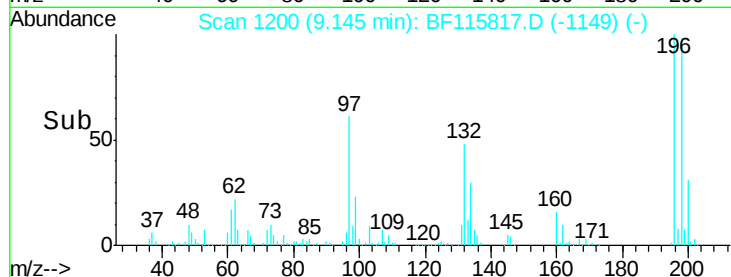
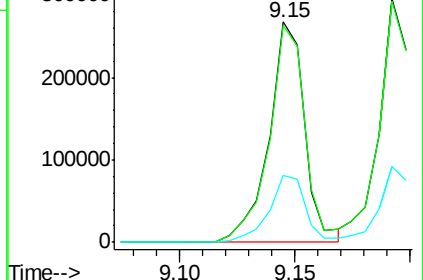
200 30.6 25.4 38.0



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: 36.401 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Tgt Ion:196 Resp: 304344

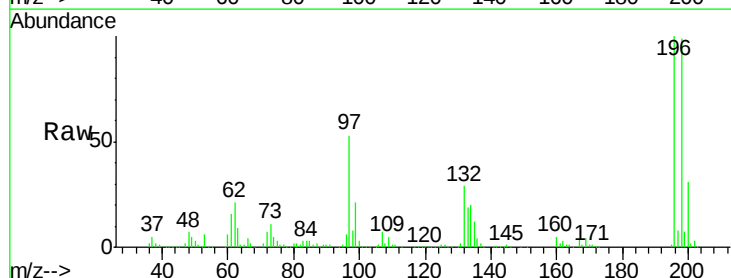
Ion Ratio Lower Upper

196 100

198 99.1 78.2 117.2

97 52.8 41.9 62.9

132 29.4 24.1 36.1

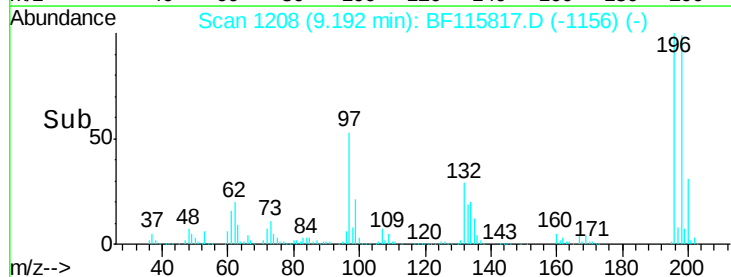
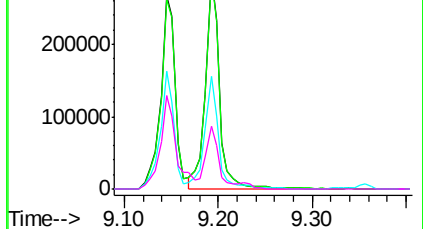


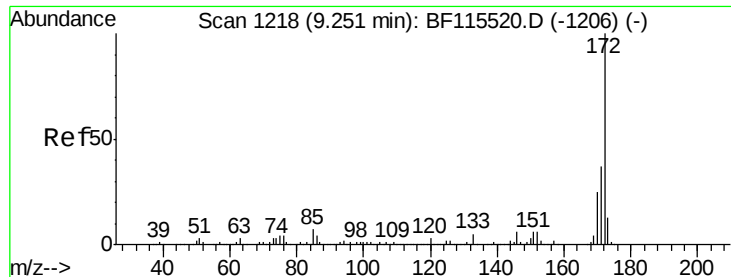
Abundance Ion 196.00 (195.70 to 196.70): E

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

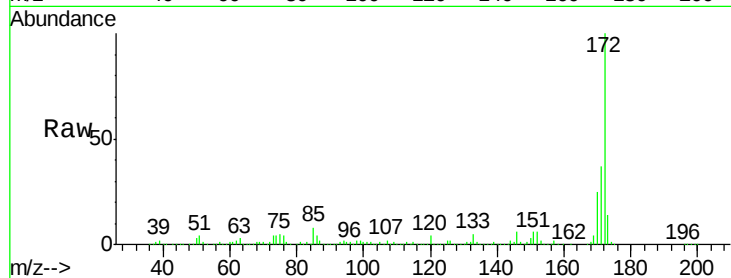




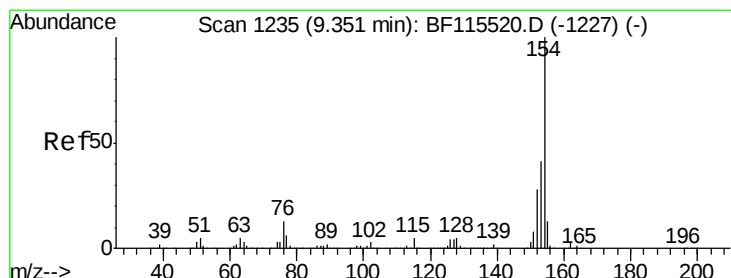
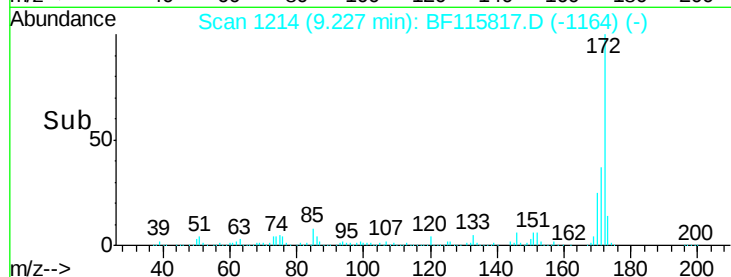
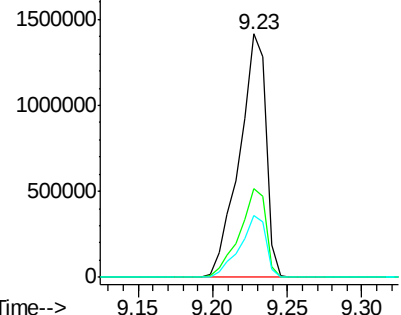
#45
2-Fluorobiphenyl
Concen: 81.851 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1733709
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.4 20.1 30.1

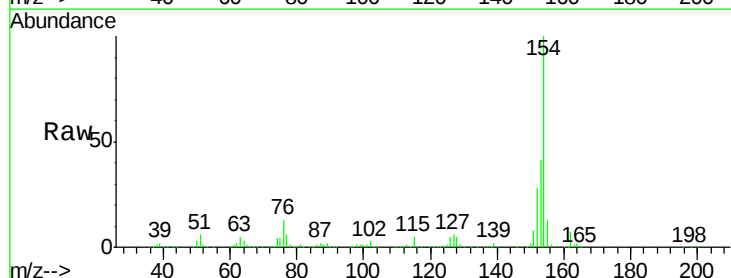


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

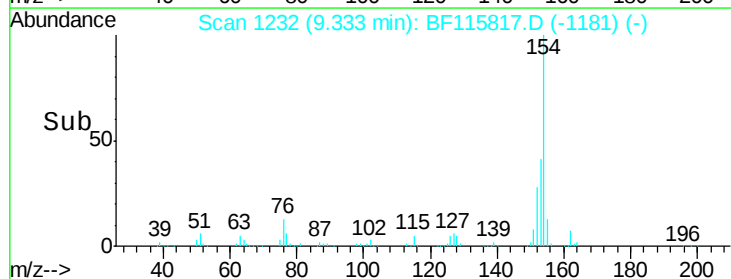
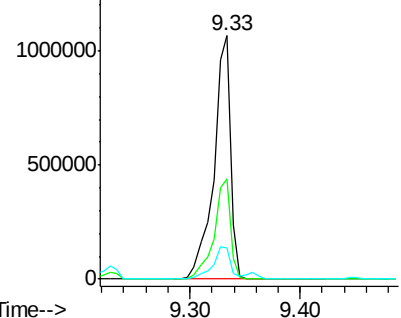


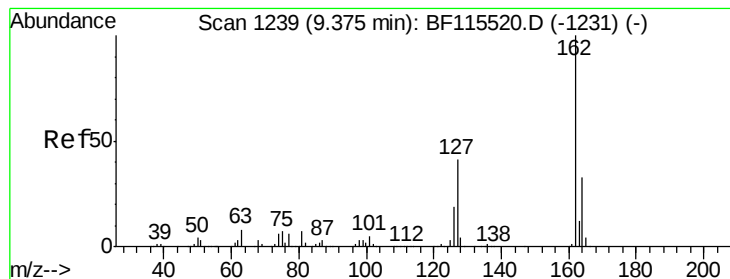
#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:154 Resp: 1127183
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 12.9 0.0 33.2



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





#47

2-Chloronaphthalene

Concen: 36.944 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

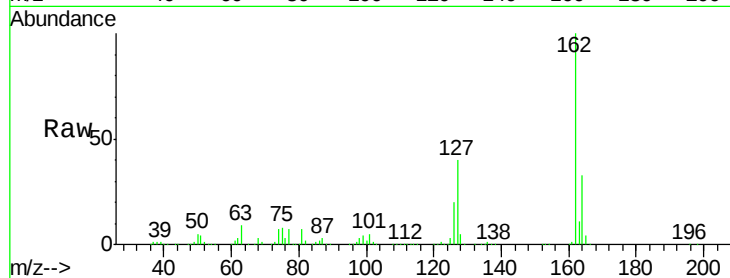
Tot Ion:162 Resp: 891568

Ion Ratio Lower Upper

162 100

127 40.3 32.1 48.1

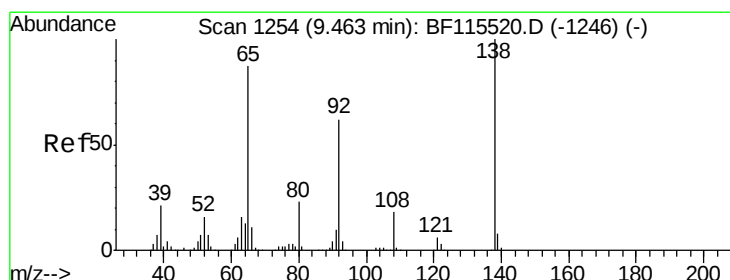
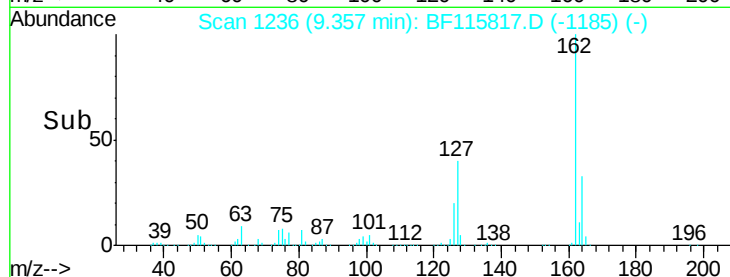
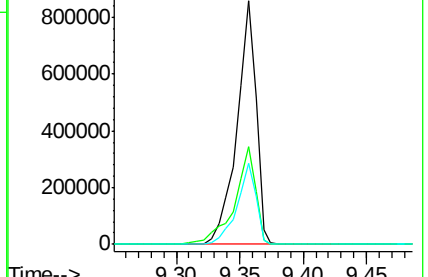
164 33.3 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.337 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

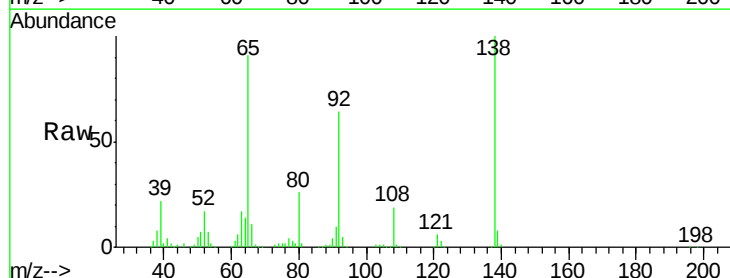
Tgt Ion: 65 Resp: 278890

Ion Ratio Lower Upper

65 100

92 70.5 56.9 85.3

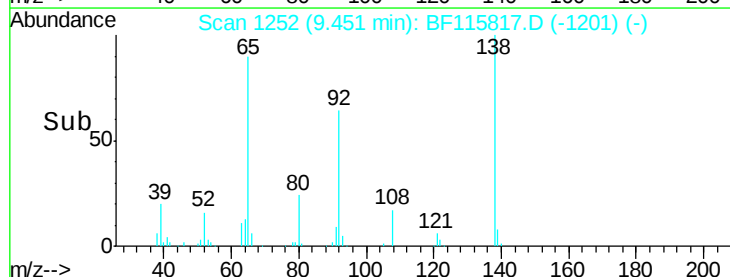
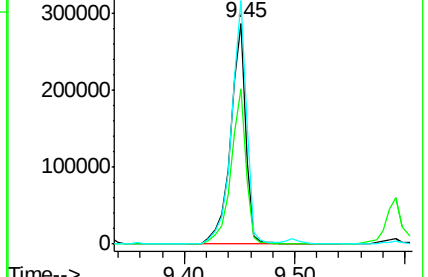
138 110.3 91.4 137.2

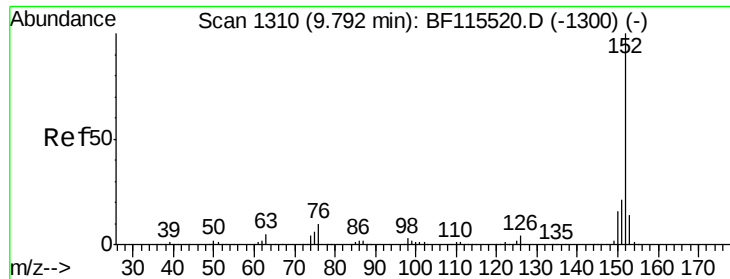


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.919 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

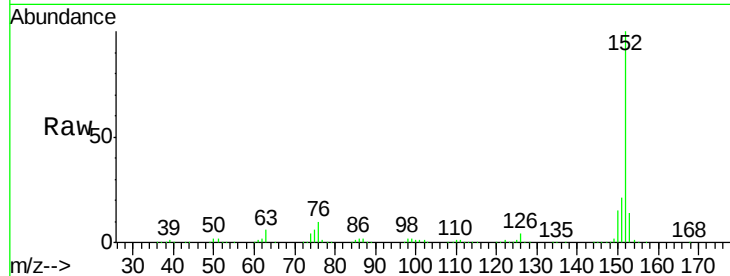
Tot Ion:152 Resp: 1355944

Ion Ratio Lower Upper

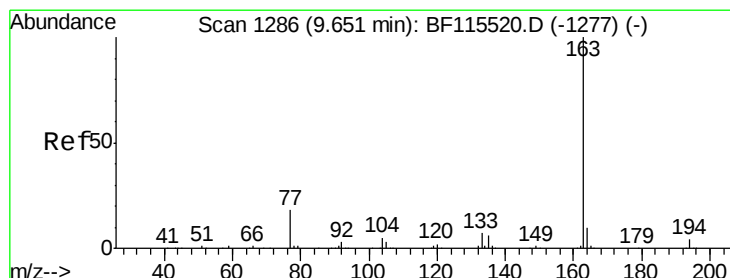
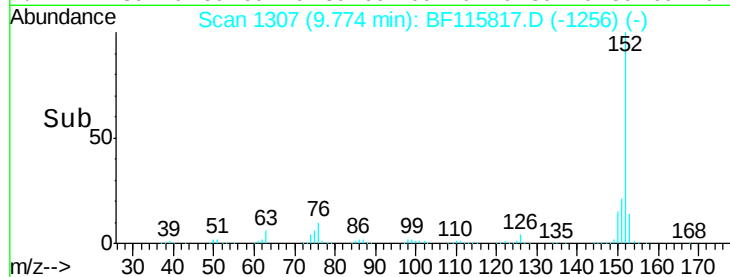
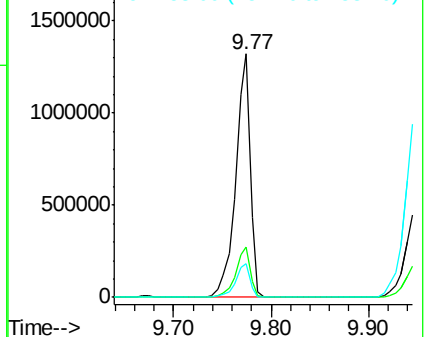
152 100

151 20.7 16.9 25.3

153 14.0 11.5 17.3



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: 37.804 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

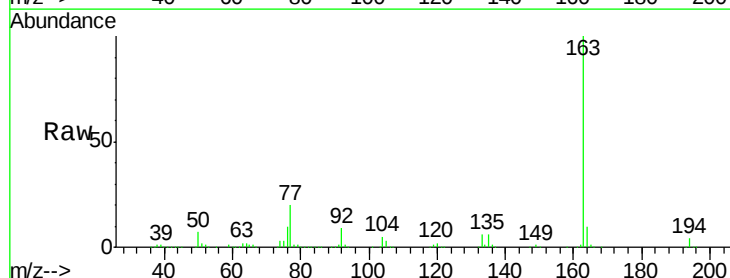
Tgt Ion:163 Resp: 1054466

Ion Ratio Lower Upper

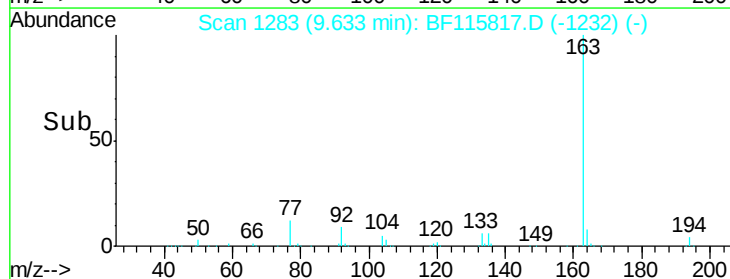
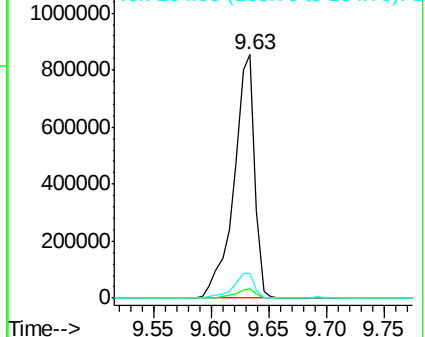
163 100

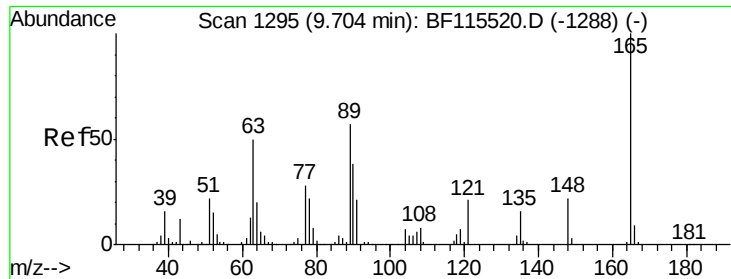
194 3.9 3.2 4.8

164 10.4 8.3 12.5



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

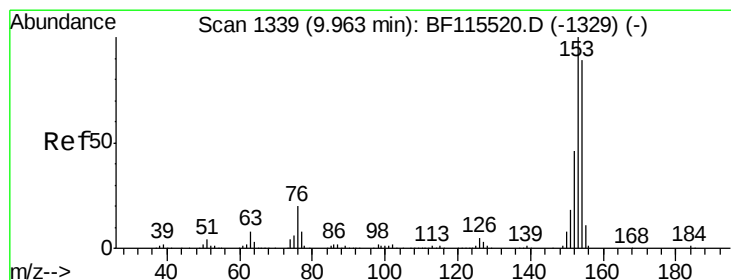
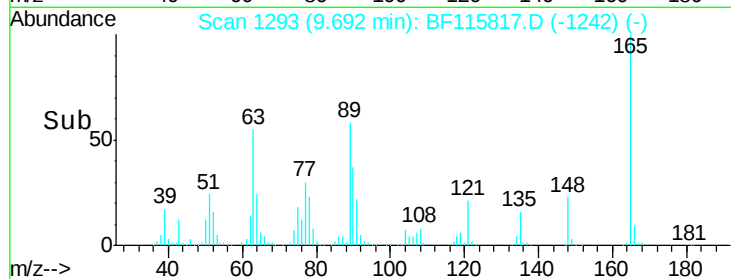
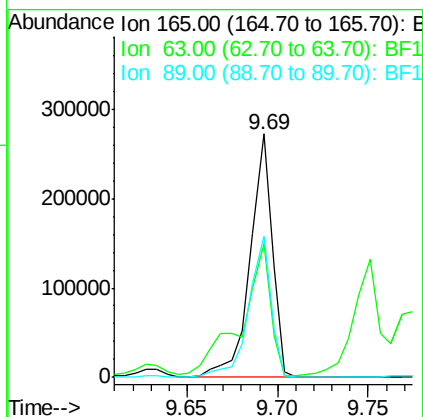
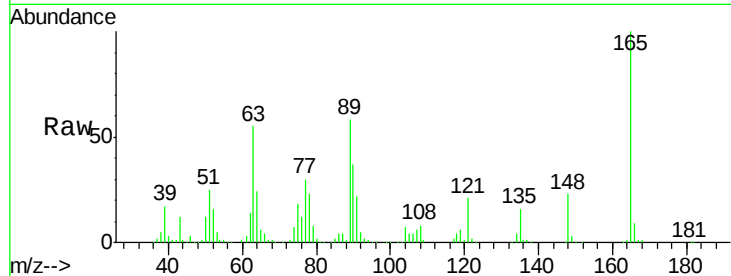




#51
2,6-Dinitrotoluene
Concen: 36.655 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

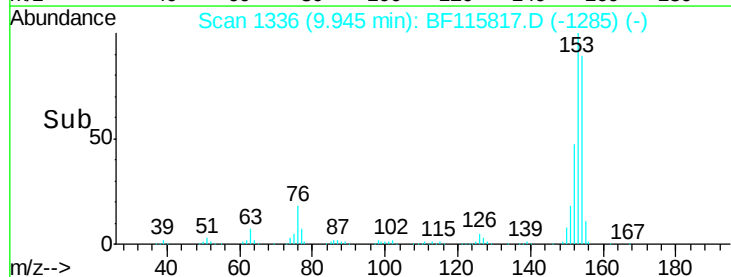
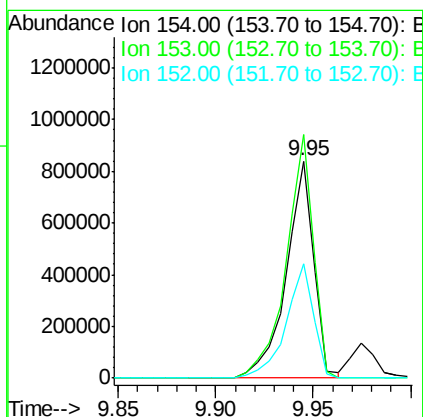
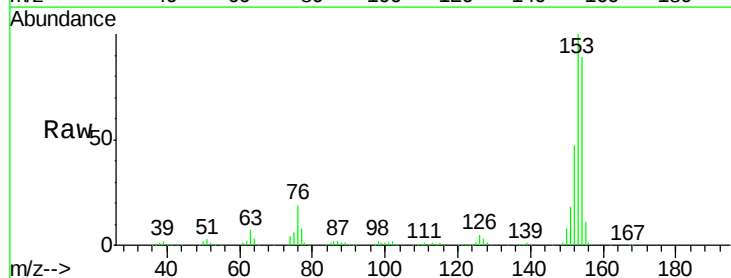
Instrument :
BNA_F
ClientSampled :

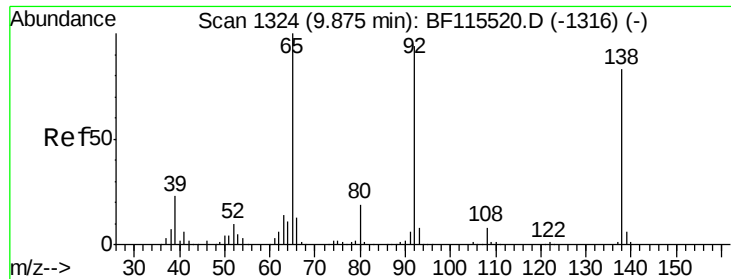
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	43.5	65.3
89	58.0	46.3	69.5



#52
Acenaphthene
Concen: 35.452 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.1	132.1
152	52.9	42.0	63.0

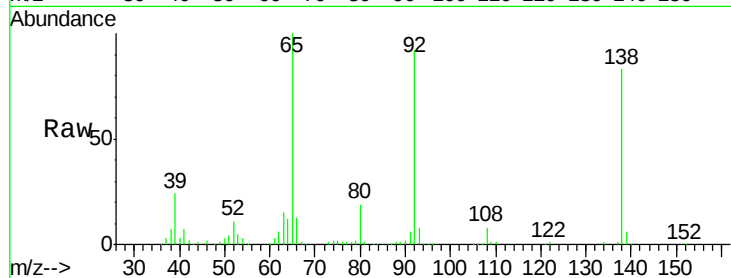




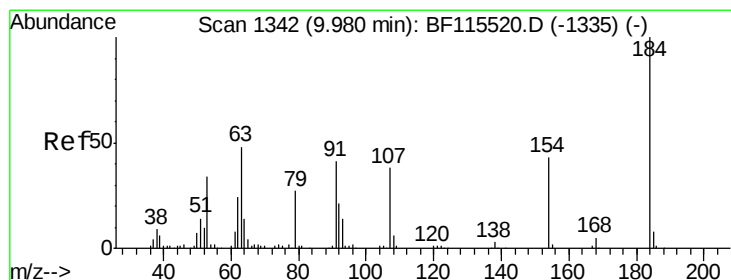
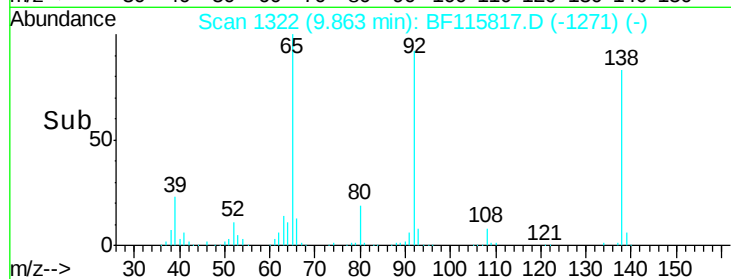
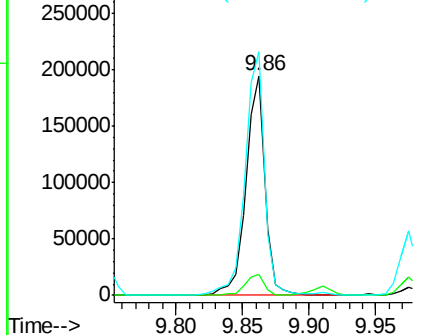
#53
 3-Nitroaniline
 Concen: 26.348 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 190857
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.9 11.9
 92 110.9 87.2 130.8

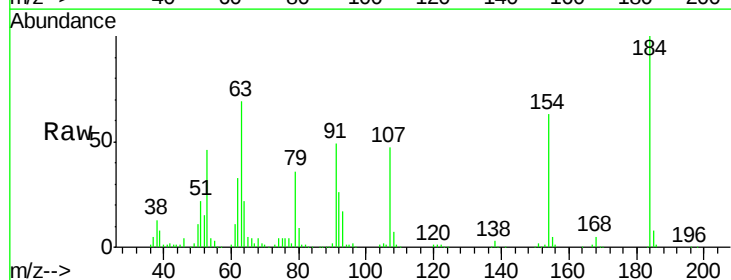


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

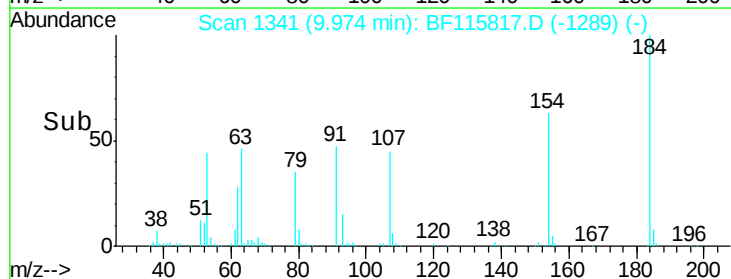
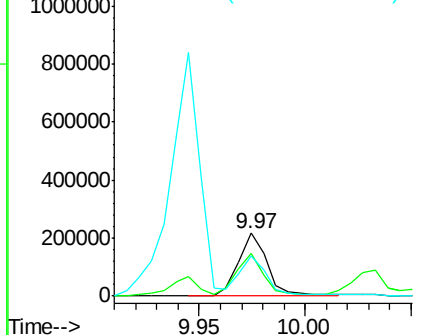


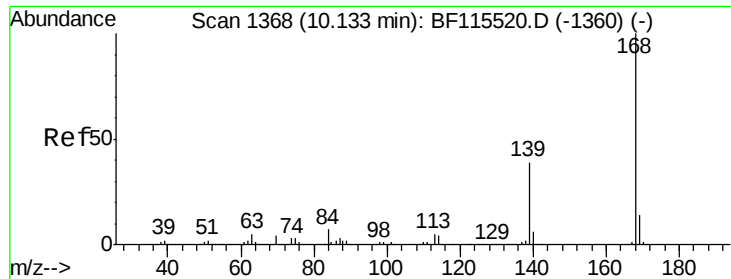
#54
 2,4-Dinitrophenol
 Concen: 63.711 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:184 Resp: 207345
 Ion Ratio Lower Upper
 184 100
 63 68.6 55.2 82.8
 154 63.4 51.4 77.0



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

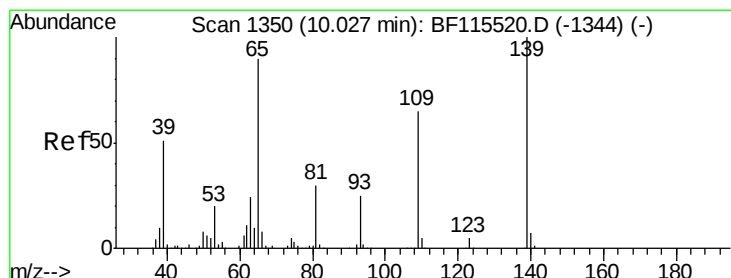
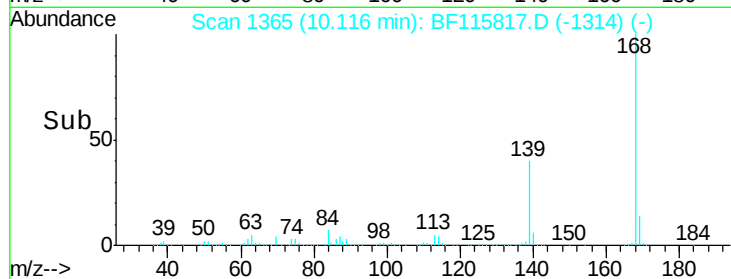
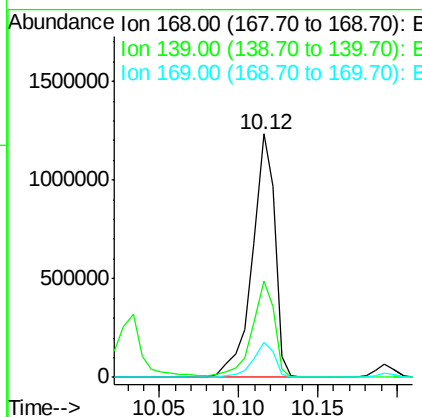
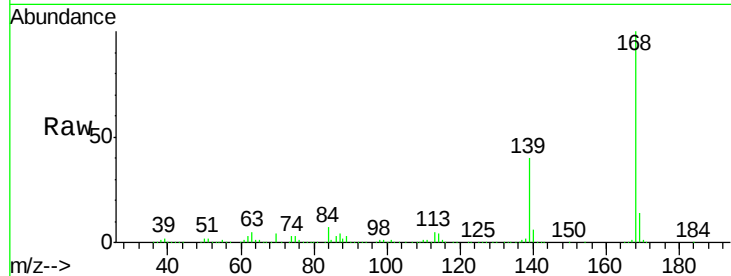




#55
Dibenzofuran
Concen: 37.055 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

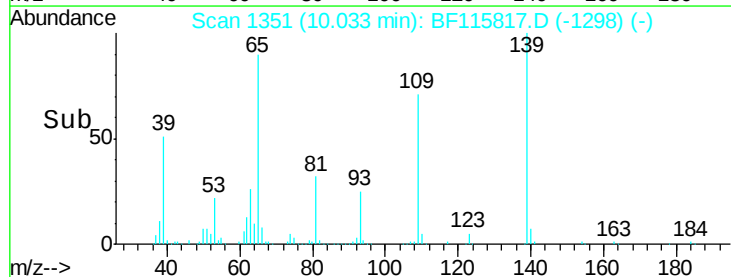
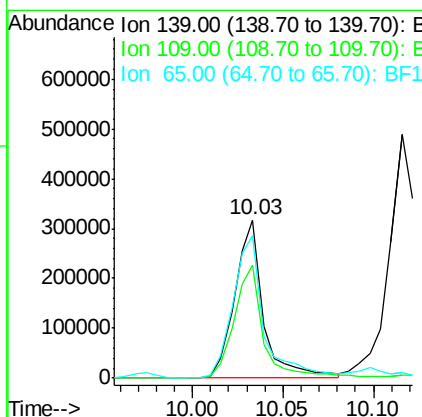
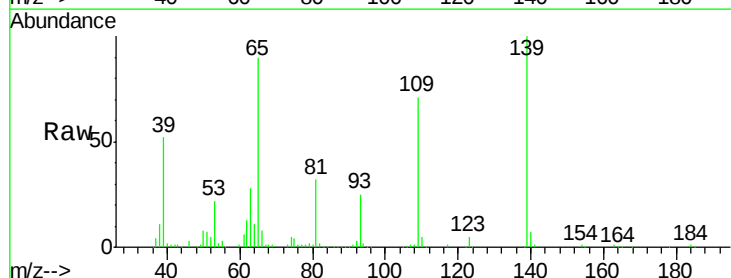
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1214900
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.2
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 63.114 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:139 Resp: 348625
Ion Ratio Lower Upper
139 100
109 71.2 51.2 91.2
65 90.0 76.0 116.0

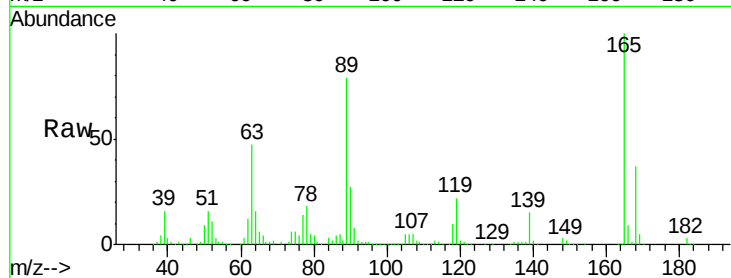




#57
2,4-Dinitrotoluene
Concen: 37.330 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	33.4	50.2
89	79.0	57.3	85.9
182	2.6	2.1	3.1

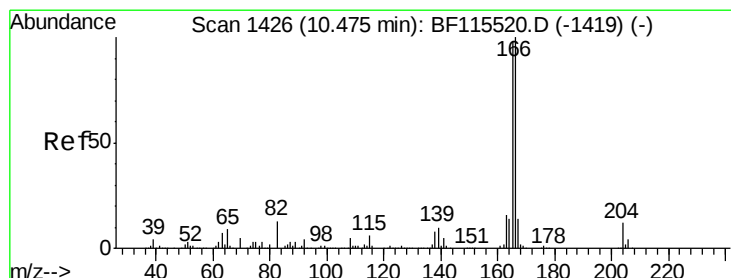
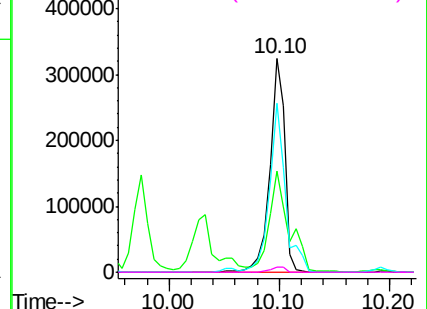
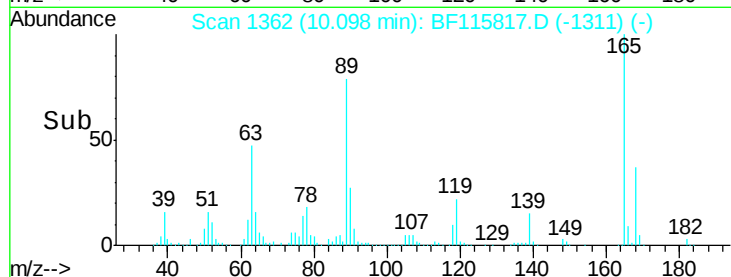


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

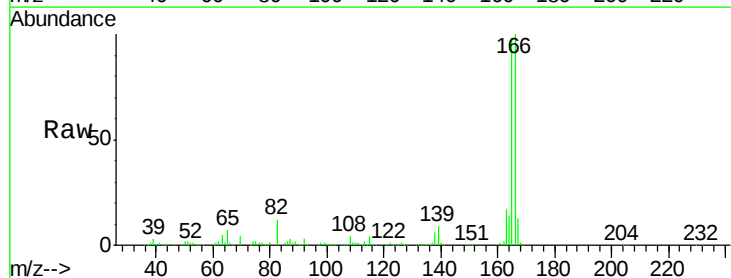
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.206 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

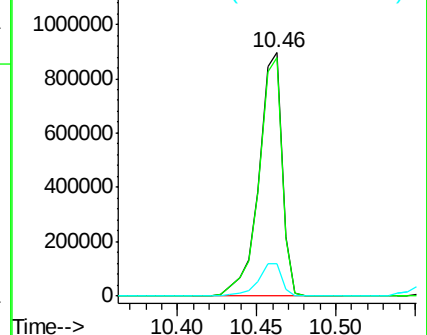
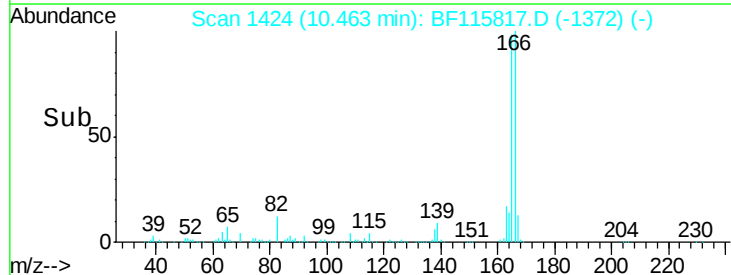
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.2	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

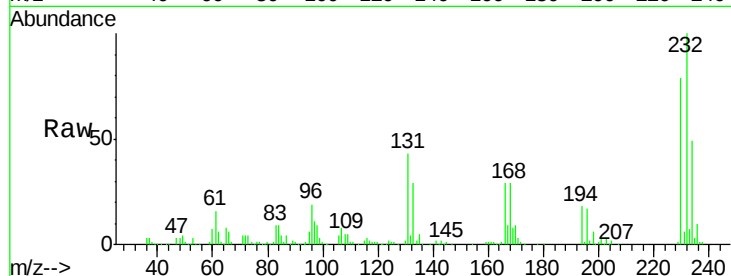




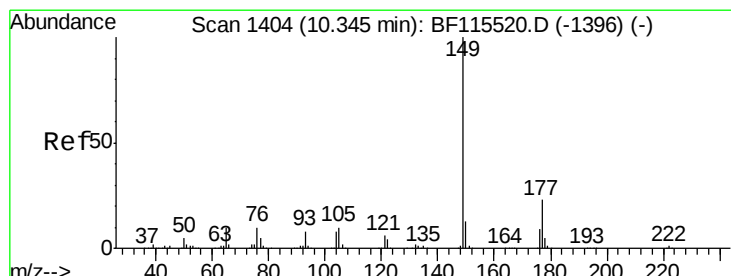
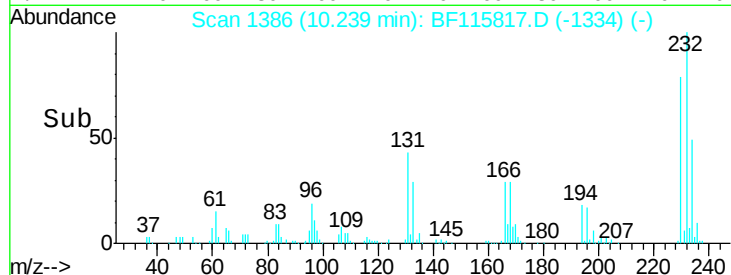
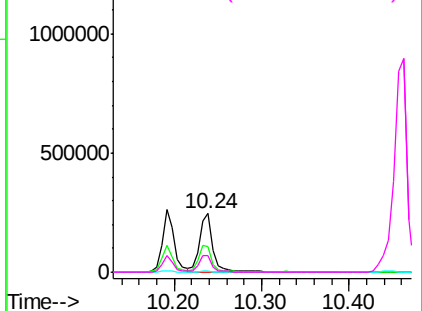
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.648 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	35.8	53.8
130	2.4	1.8	2.6
166	29.7	23.6	35.4

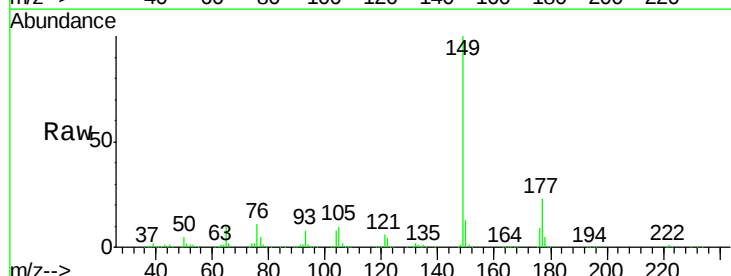


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

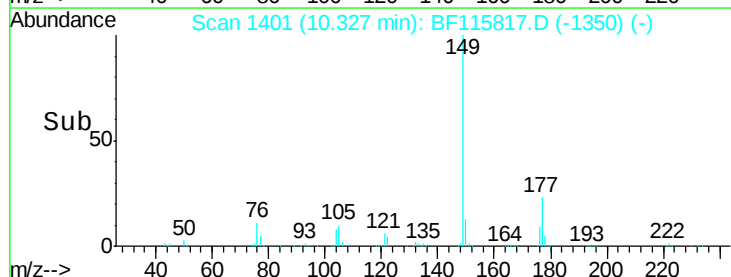
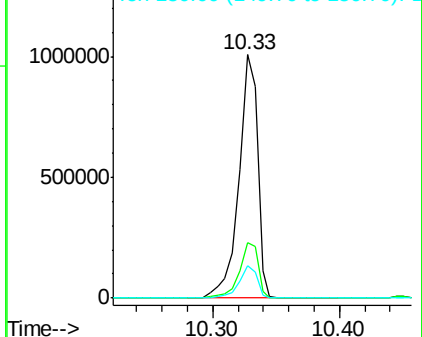


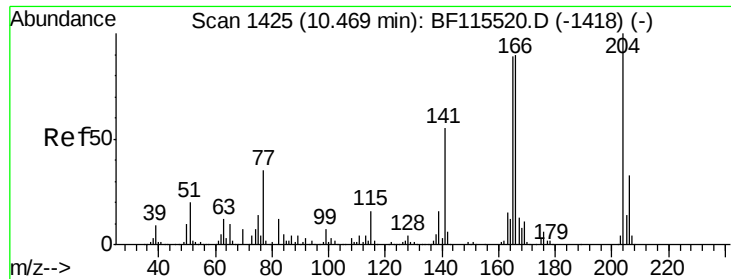
#60
Diethylphthalate
Concen: 38.845 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	13.1	10.5	15.7



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

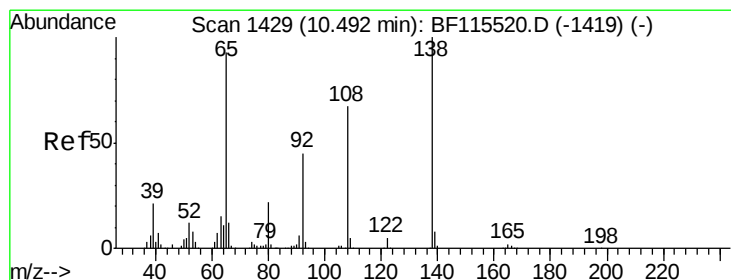
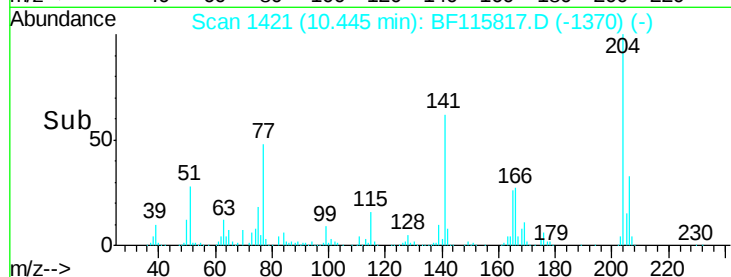
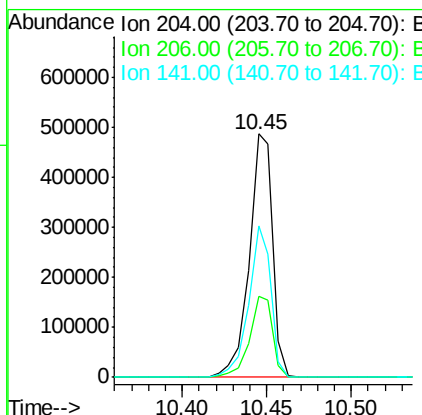
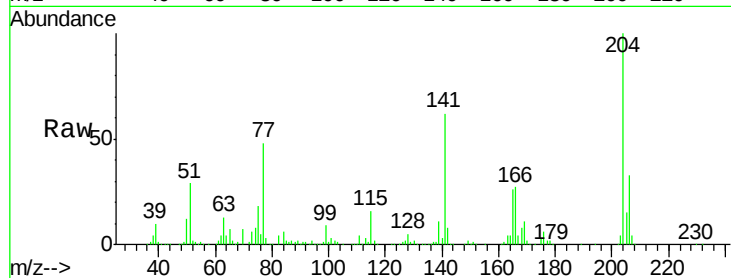




#61
4-Chlorophenyl-phenylether
Concen: 36.324 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

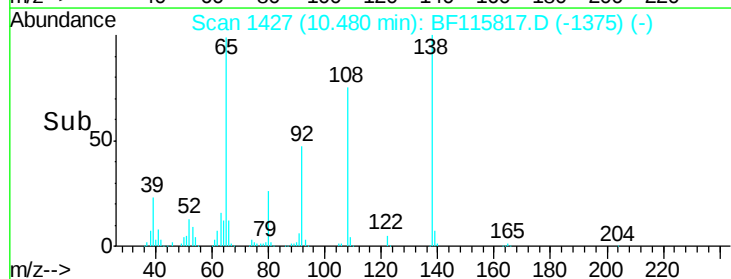
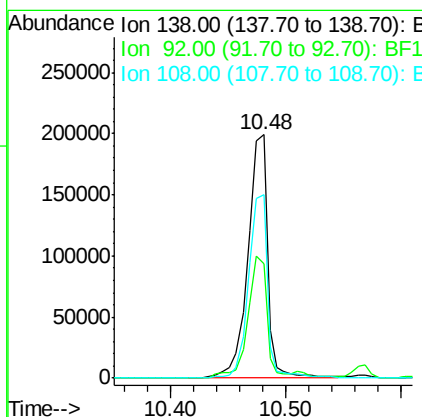
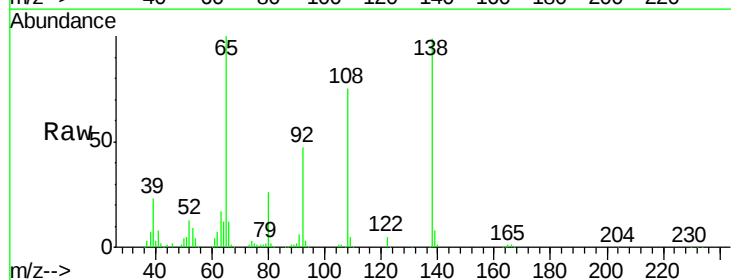
Instrument :
BNA_F
ClientSampled :

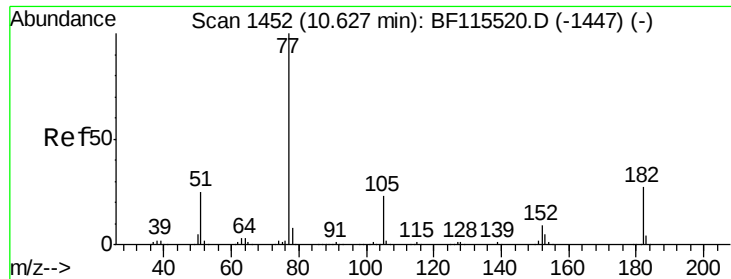
Tot Ion:204 Resp: 472129
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.3 47.3 70.9



#62
4-Nitroaniline
Concen: 34.425 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:138 Resp: 239191
Ion Ratio Lower Upper
138 100
92 46.9 30.3 70.3
108 75.4 55.0 95.0





#63

Azobenzene

Concen: 40.464 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1025734

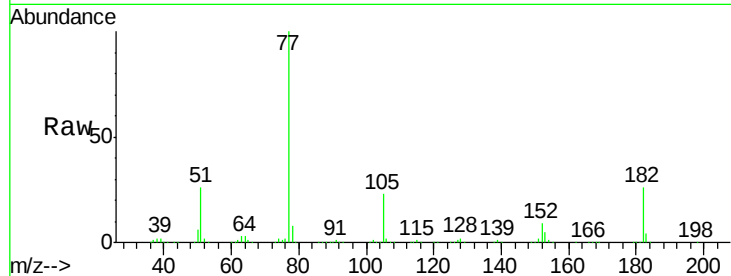
Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.9	46.9
105	23.2	3.1	43.1
51	26.4	6.7	46.7

77 100

182 26.5 6.9 46.9

105 23.2 3.1 43.1

51 26.4 6.7 46.7

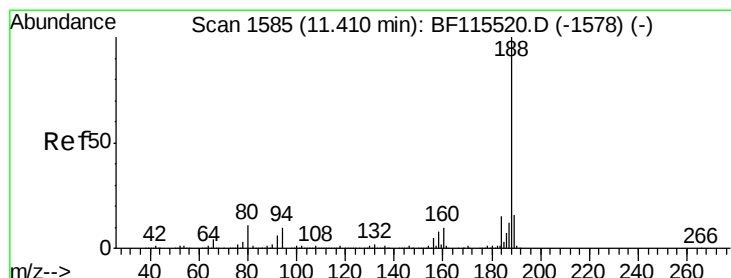
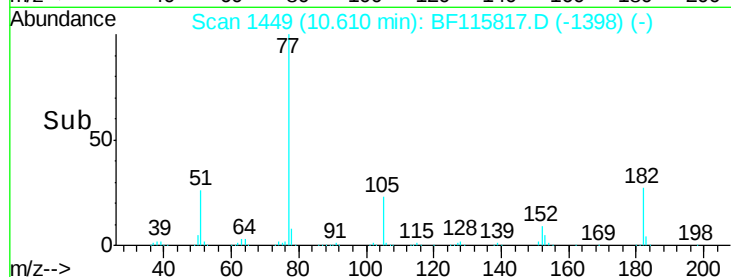
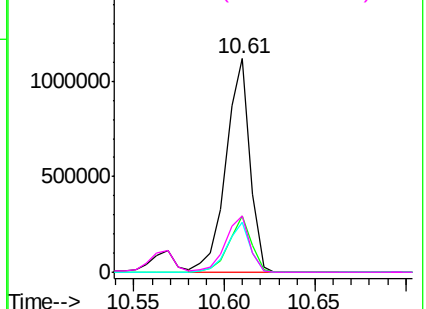


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

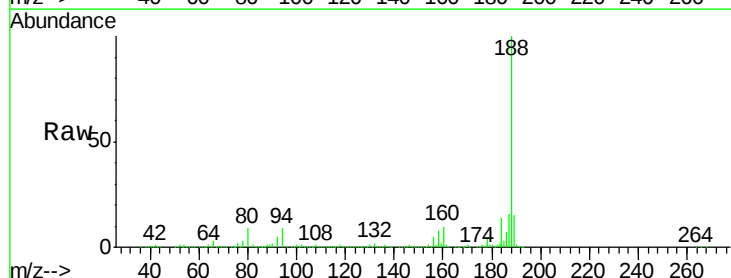
Tgt Ion: 188 Resp: 693240

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	9.0	13.6

188 100

94 8.7 8.2 12.2

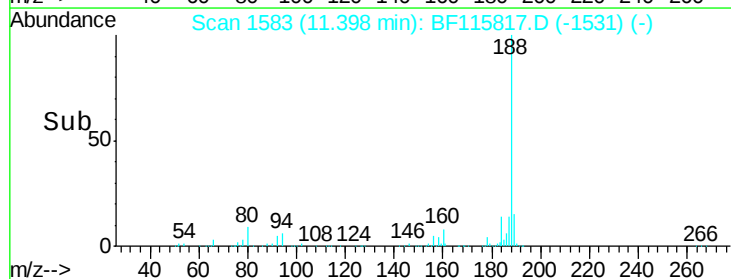
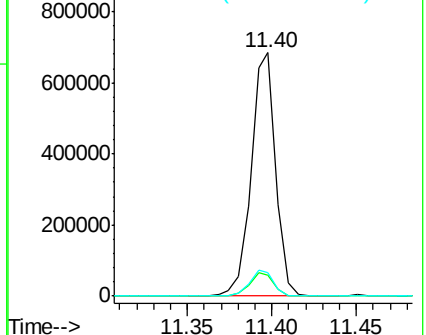
80 9.4 9.0 13.6

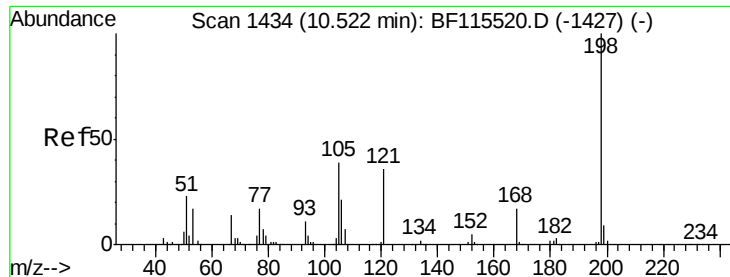


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.596 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

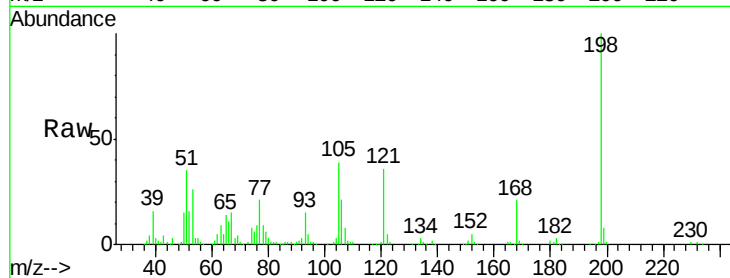
Tot Ion:198 Resp: 146529

Ion	Ratio	Lower	Upper
198	100		
51	34.7	20.3	60.3
105	38.8	24.7	64.7

198 100

51 34.7 20.3 60.3

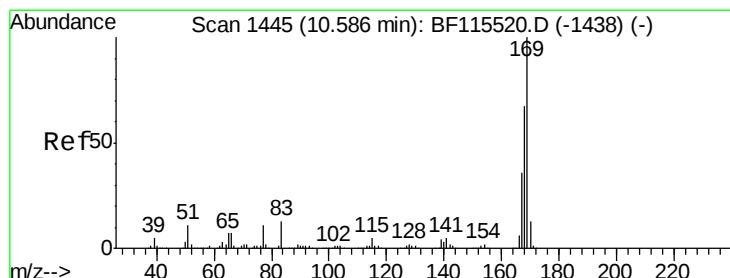
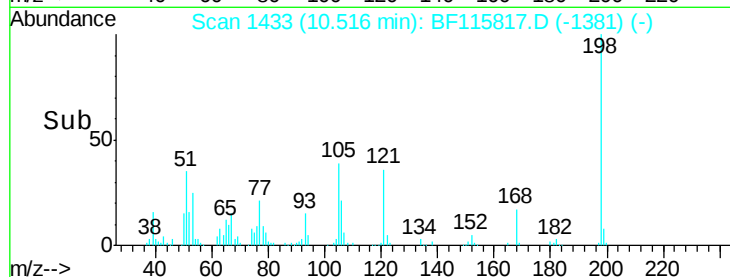
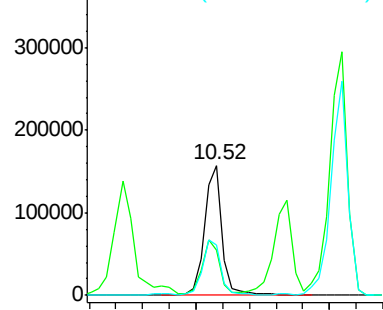
105 38.8 24.7 64.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.632 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

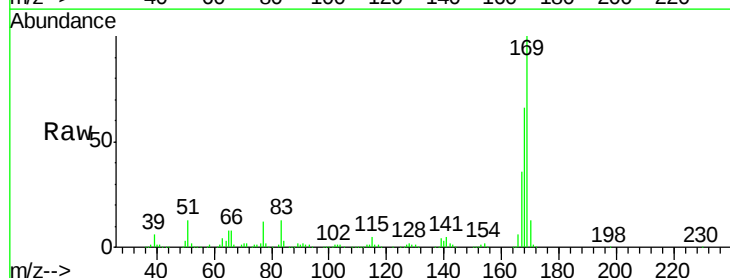
Tgt Ion:169 Resp: 833068

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.4	80.0
167	36.4	29.1	43.7

169 100

168 66.0 53.4 80.0

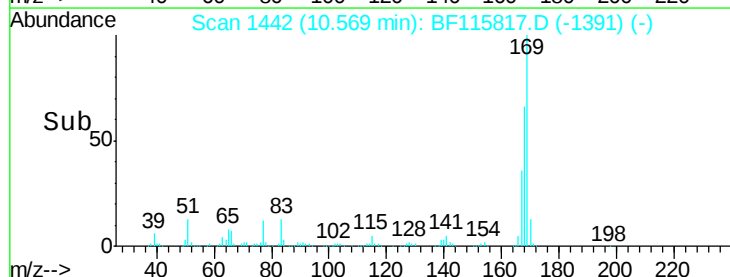
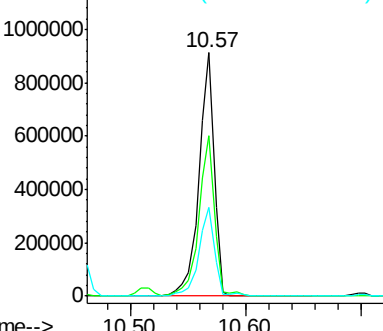
167 36.4 29.1 43.7

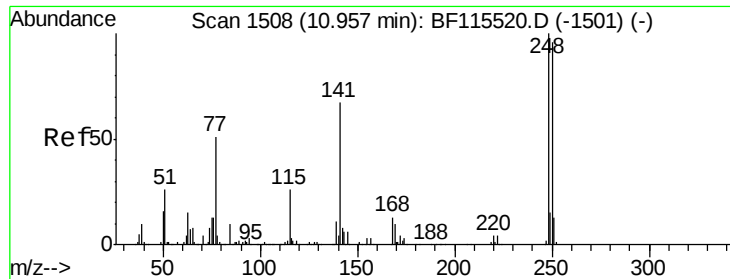


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

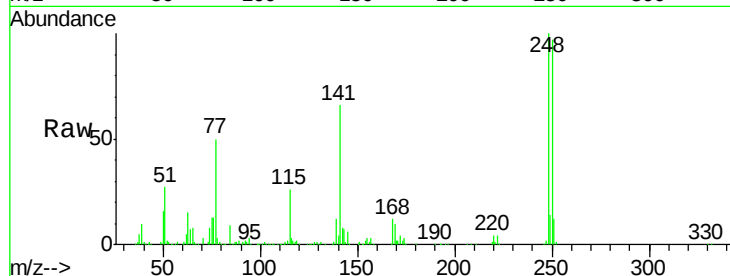




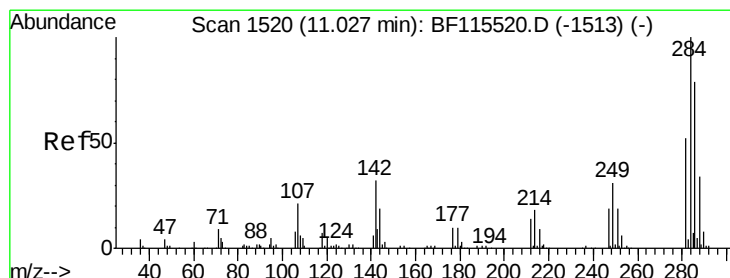
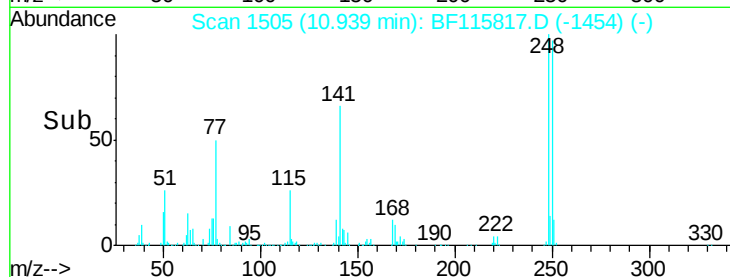
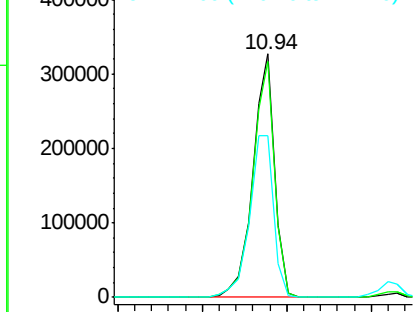
#67
4-Bromophenyl-phenylether
Concen: 37.150 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 294306
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.4
141 66.4 52.1 78.1

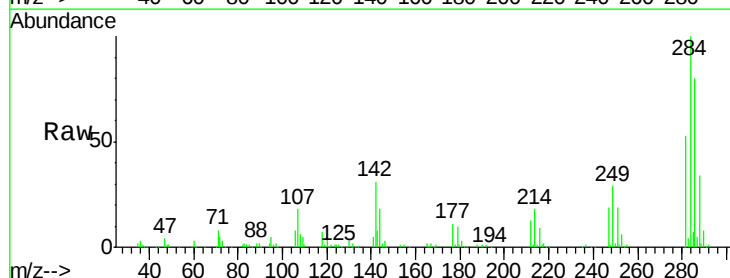


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

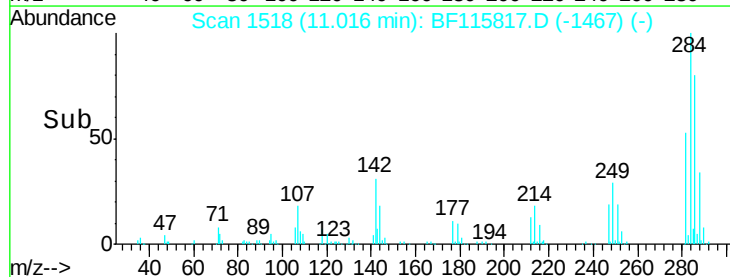
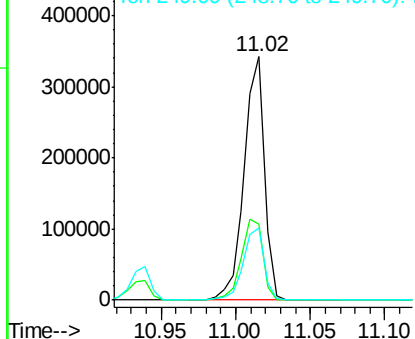


#68
Hexachlorobenzene
Concen: 35.770 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:284 Resp: 323611
Ion Ratio Lower Upper
284 100
142 31.0 21.8 32.8
249 29.4 23.1 34.7



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

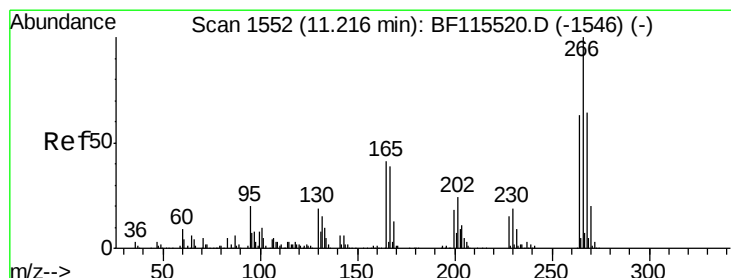
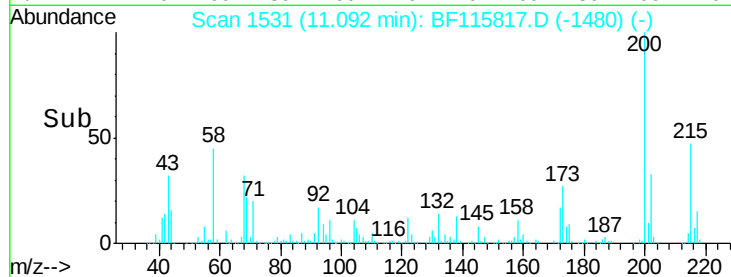
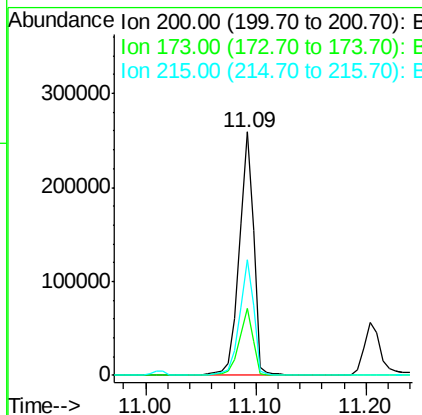
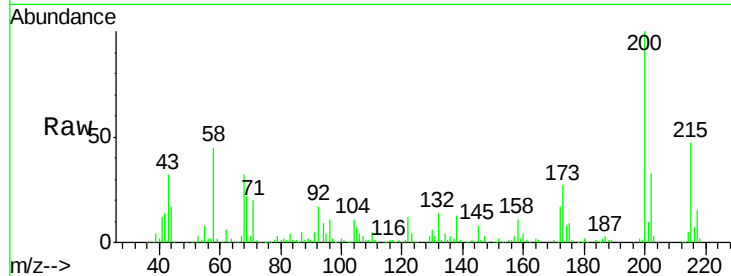




#69
 Atrazine
 Concen: 33.781 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

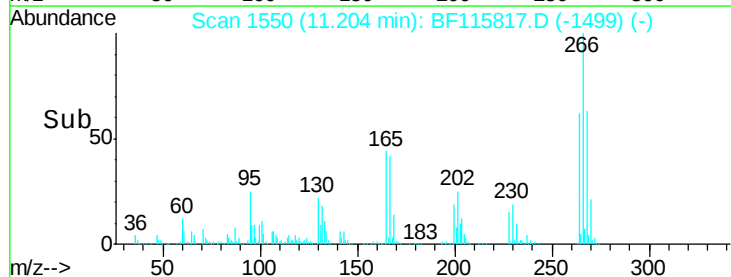
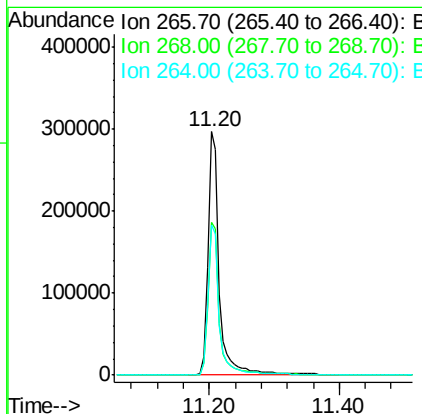
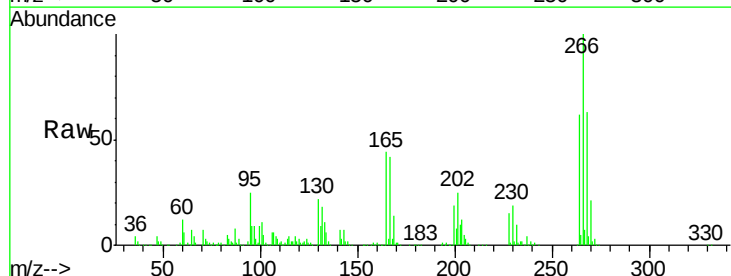
Instrument :
 BNA_F
 ClientSampleId :

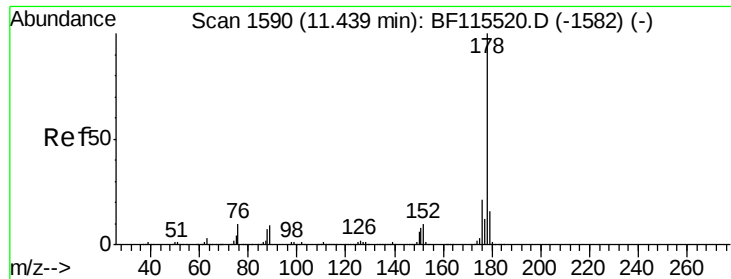
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.9	46.9
215	47.3	26.6	66.6



#70
 Pentachlorophenol
 Concen: 64.220 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.2	76.8
264	61.9	50.0	75.0

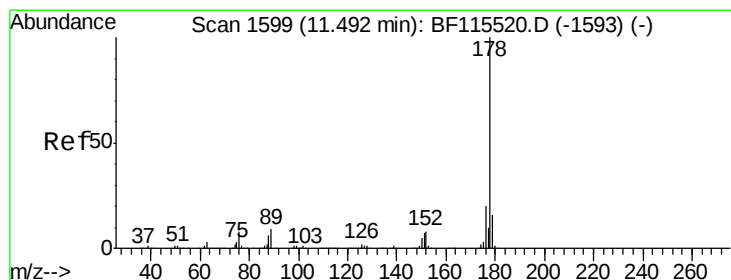
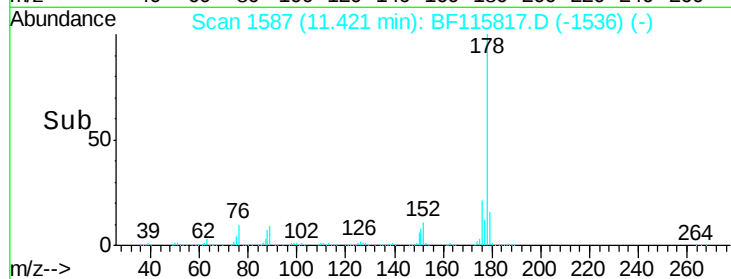
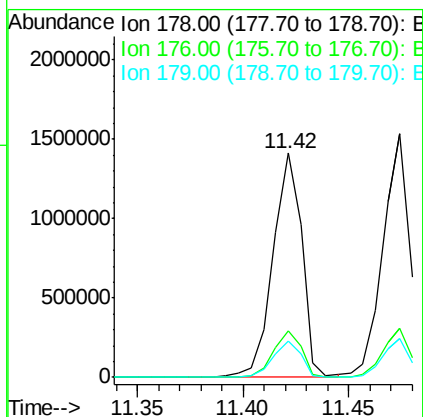
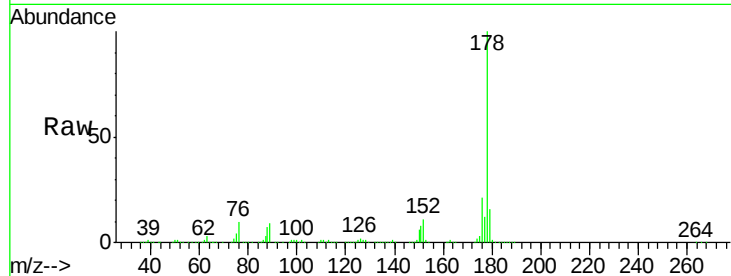




#71
Phenanthrene
Concen: 37.938 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

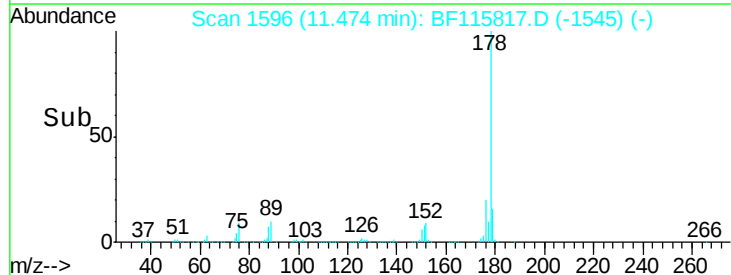
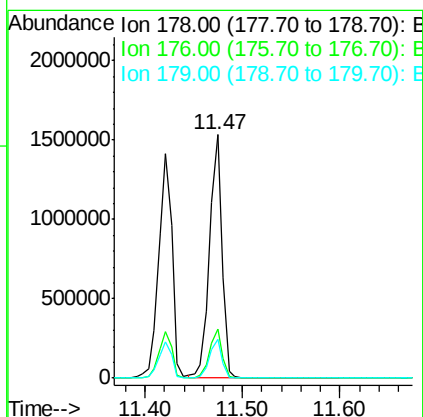
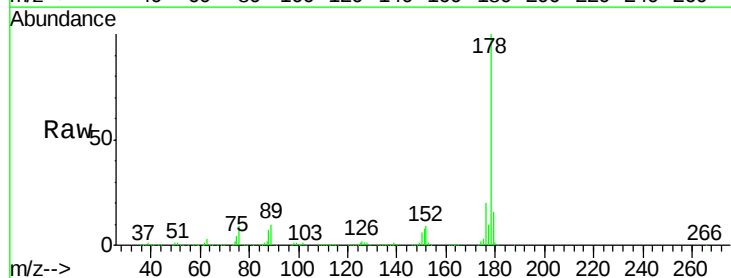
Instrument :
BNA_F
ClientSampleId :

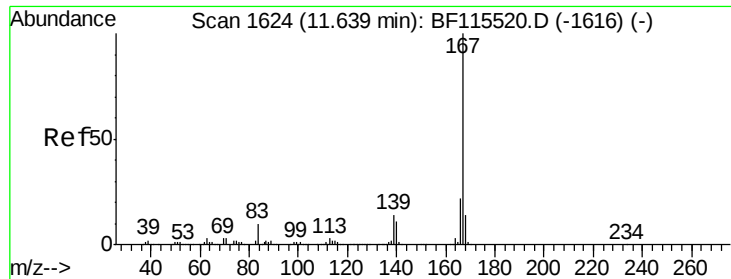
Tot Ion:178 Resp: 1348104
Ion Ratio Lower Upper
178 100
176 21.0 16.4 24.6
179 16.1 12.7 19.1



#72
Anthracene
Concen: 37.396 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:178 Resp: 1373331
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.0 12.6 18.8





#73

Carbazole

Concen: 38.015 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

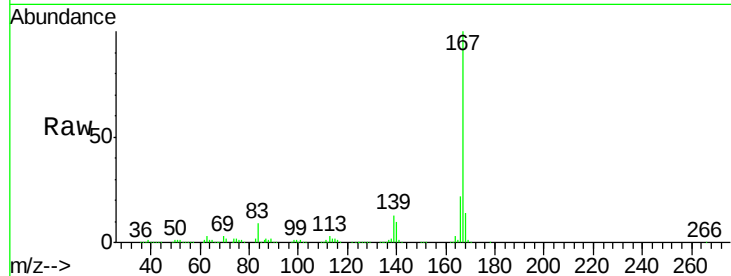
Tot Ion:167 Resp: 1224226

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

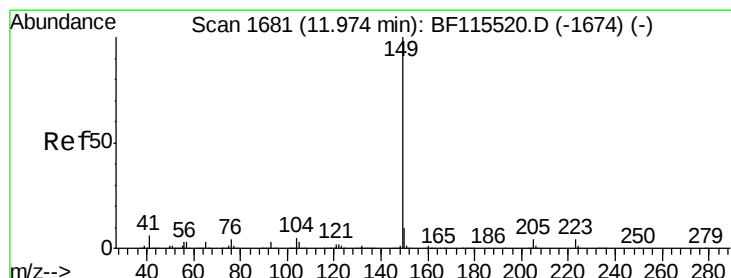
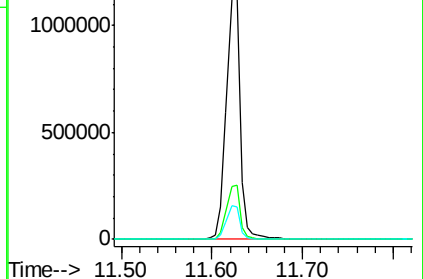
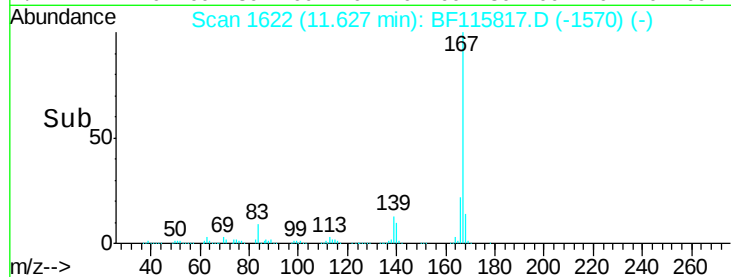
139 13.5 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.270 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

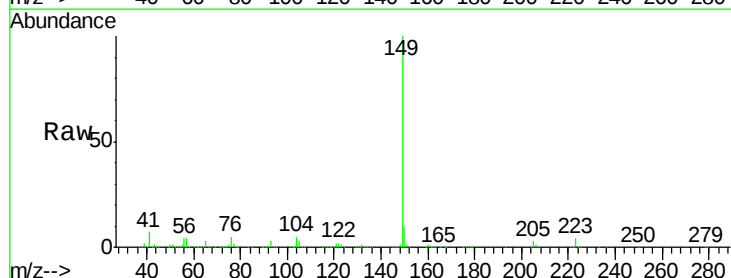
Tgt Ion:149 Resp: 1557774

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

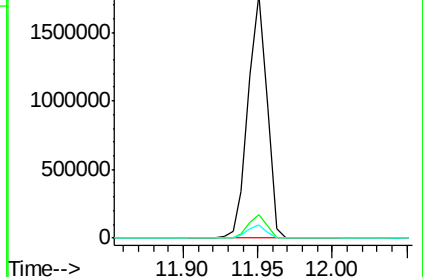
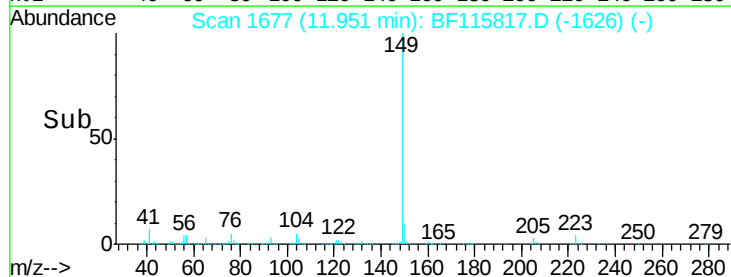
104 5.5 4.3 6.5

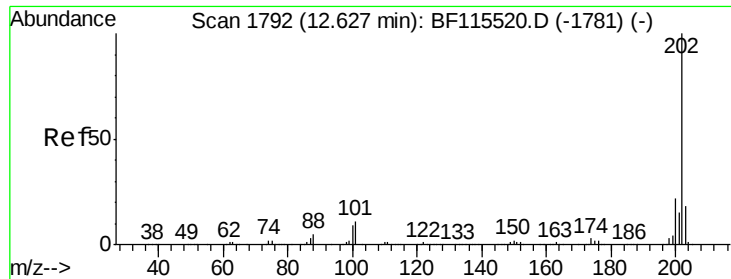


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

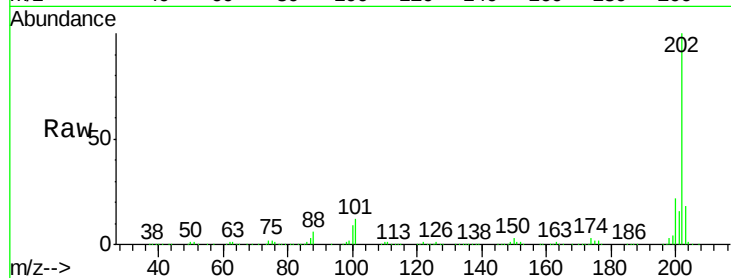




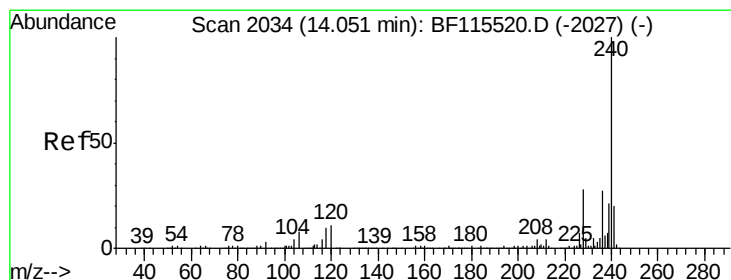
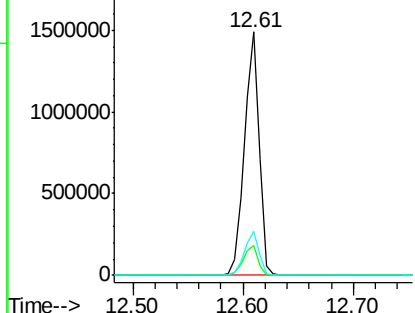
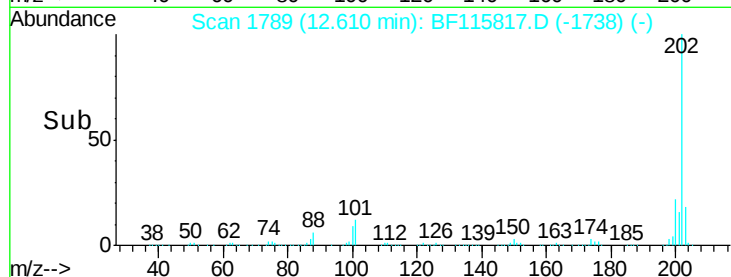
#75
Fluoranthene
Concen: 37.302 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1400708
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.6
203 18.2 0.0 38.0

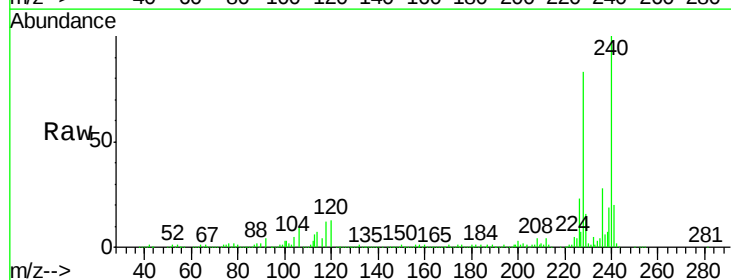


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

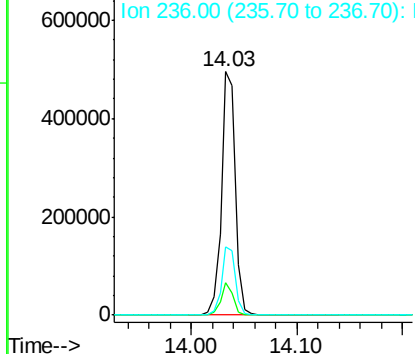
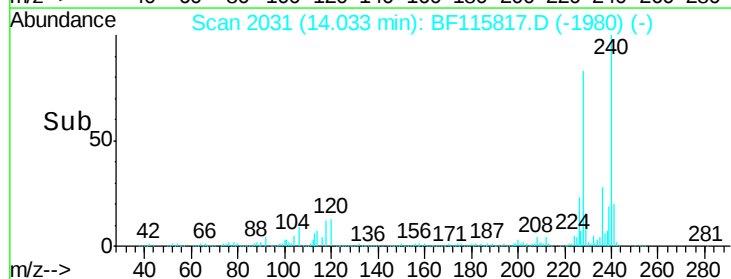


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:240 Resp: 456474
Ion Ratio Lower Upper
240 100
120 13.5 10.0 15.0
236 28.3 21.8 32.6



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: 24.500 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

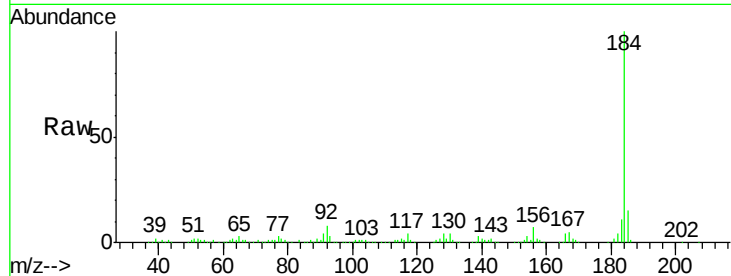
Tot Ion:184 Resp: 396182

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

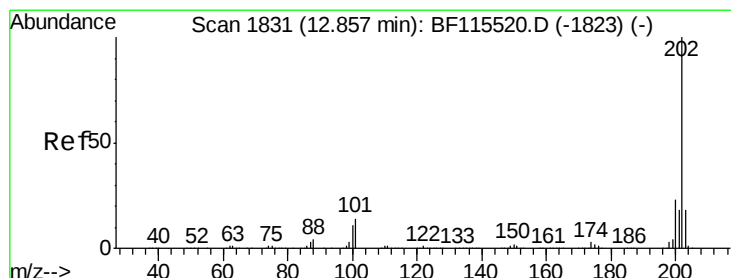
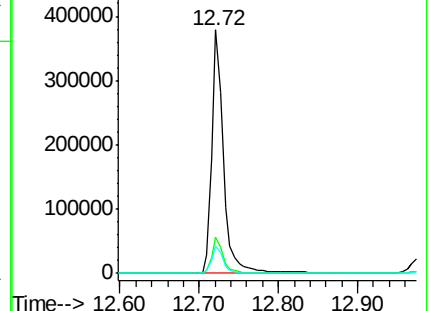
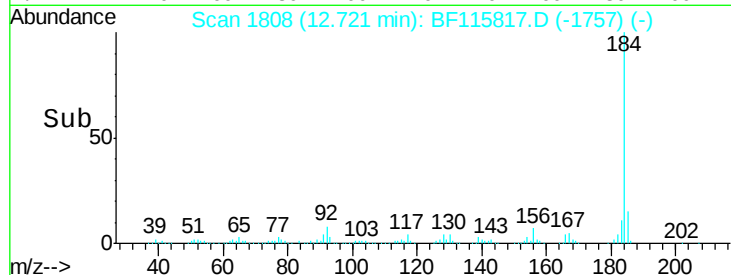
183 11.1 9.2 13.8



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: 36.351 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

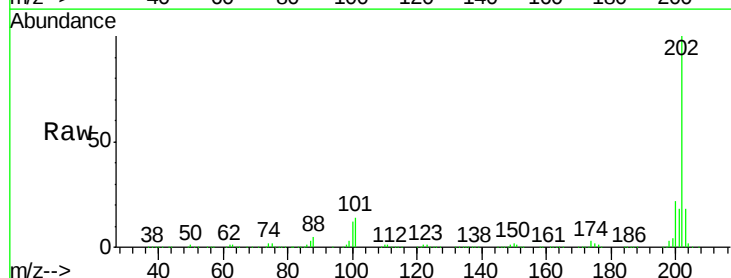
Tgt Ion:202 Resp: 1405853

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.4

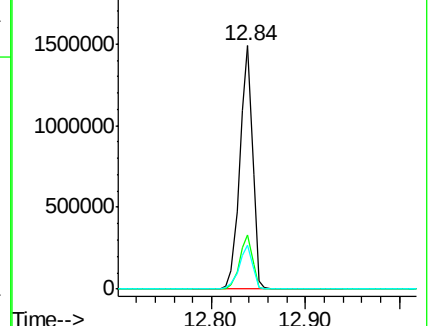
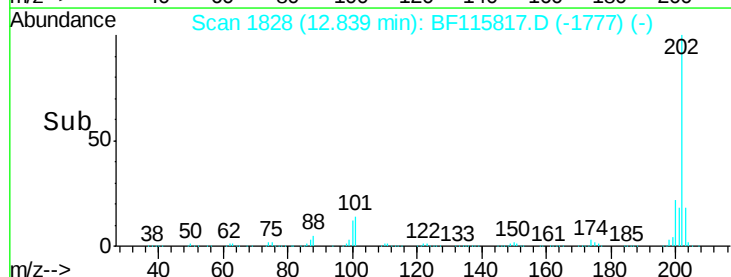
203 18.0 14.6 21.8

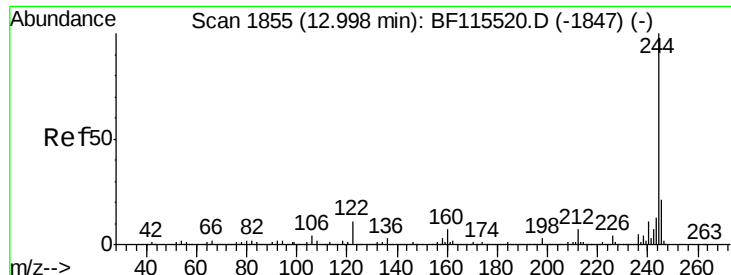


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

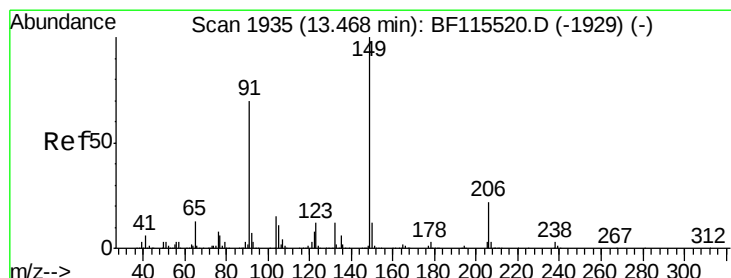
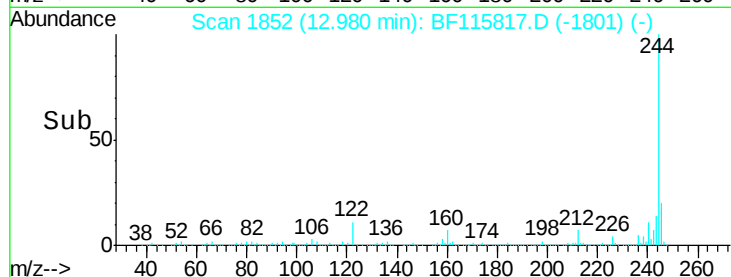
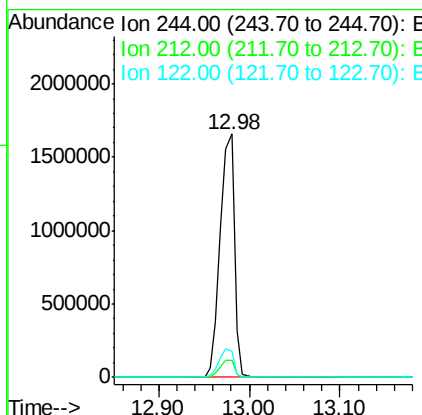
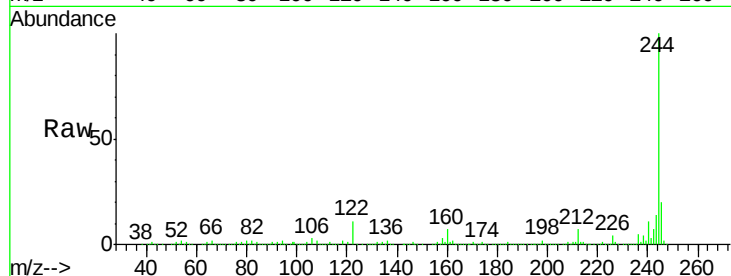




#79
 Terphenyl-d14
 Concen: 72.333 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

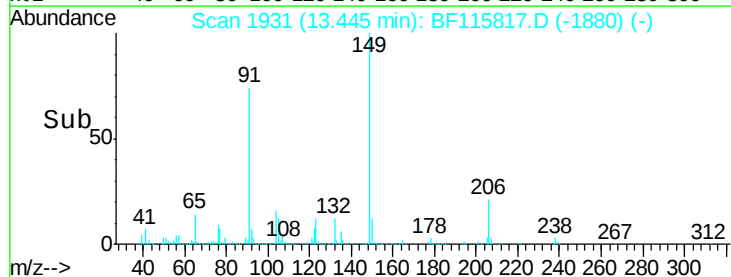
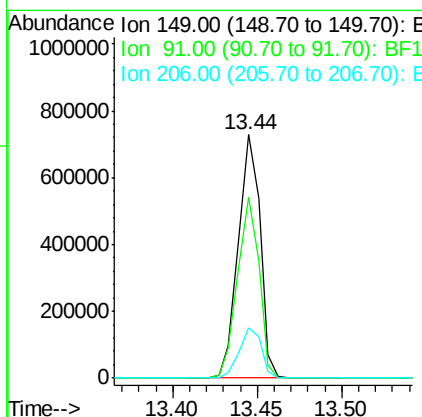
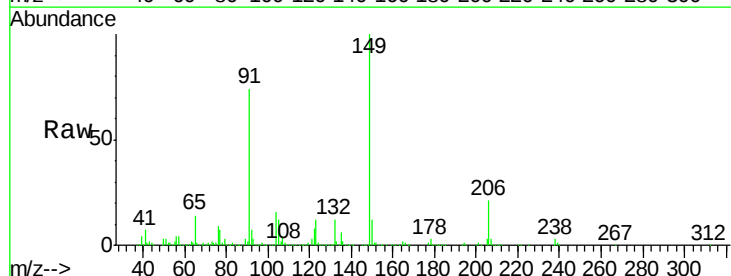
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1789446
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.7 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 39.906 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF115817.D
 Acq: 27 Jul 2019 9:06

Tgt Ion:149 Resp: 657910
 Ion Ratio Lower Upper
 149 100
 91 74.5 59.8 89.8
 206 20.7 16.2 24.4





#81

Benzo(a)anthracene

Concen: 38.404 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

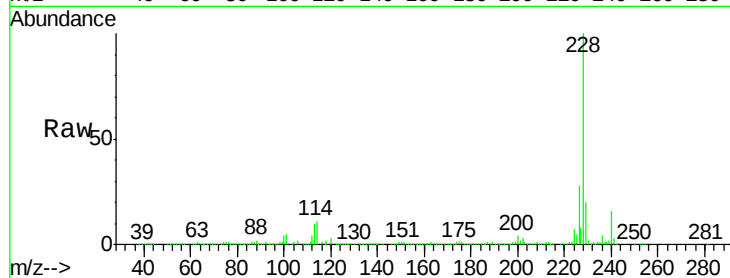
Tot Ion:228 Resp: 1154903

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.1	16.1	24.1

228 100

226 28.2 22.2 33.2

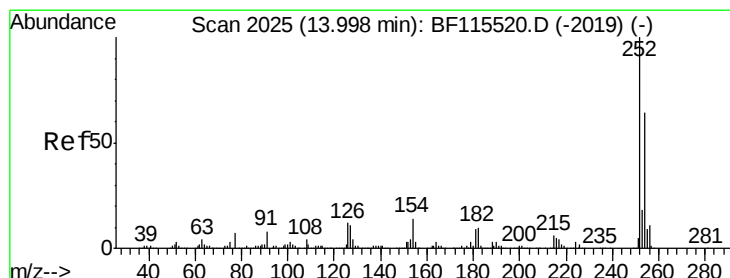
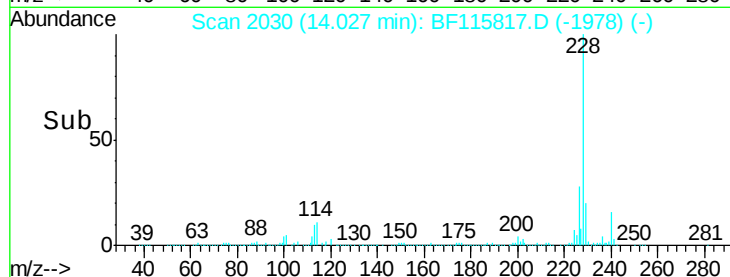
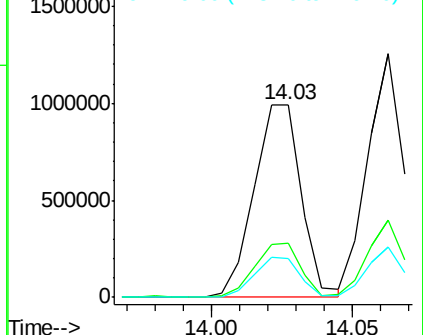
229 20.1 16.1 24.1



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: 32.950 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

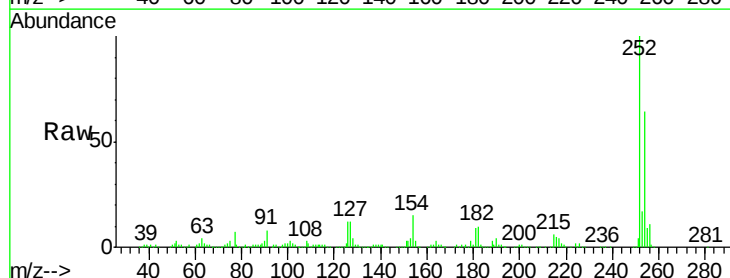
Tgt Ion:252 Resp: 352262

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.6	77.4
126	12.1	9.9	14.9

252 100

254 64.1 51.6 77.4

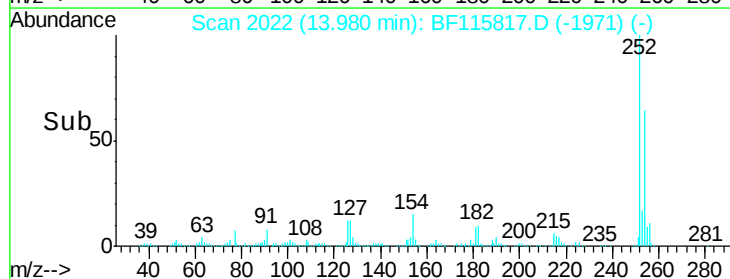
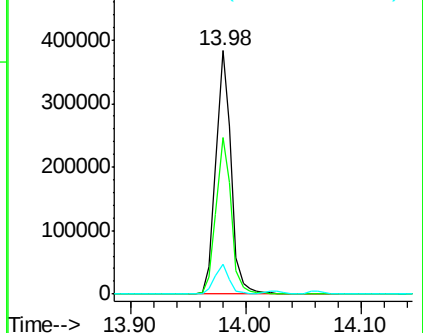
126 12.1 9.9 14.9

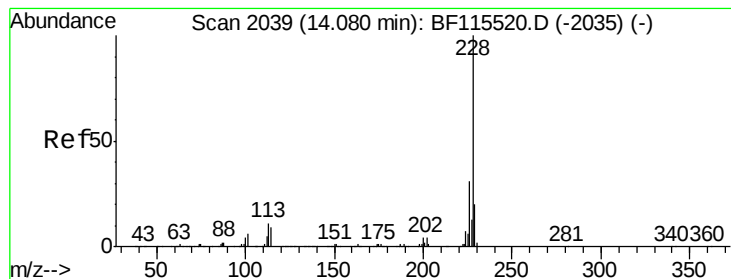


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.413 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

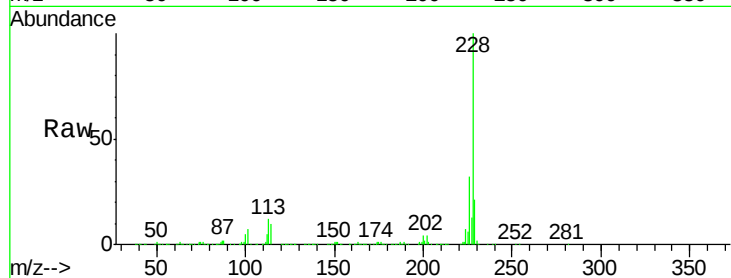
Tot Ion:228 Resp: 1099265

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

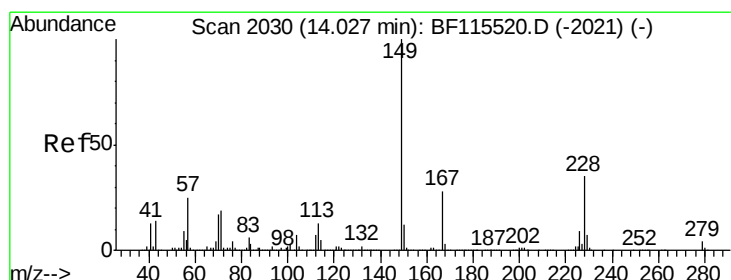
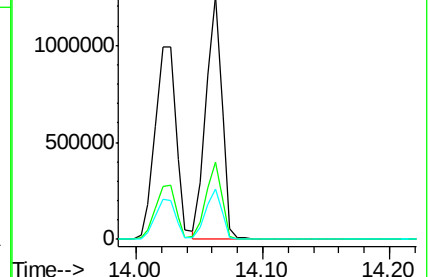
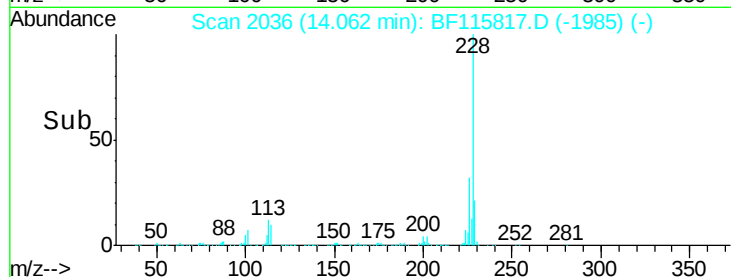
229 20.8 16.2 24.2



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: 45.061 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

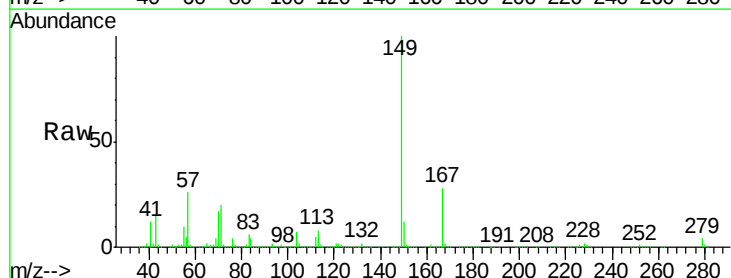
Tgt Ion:149 Resp: 920210

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

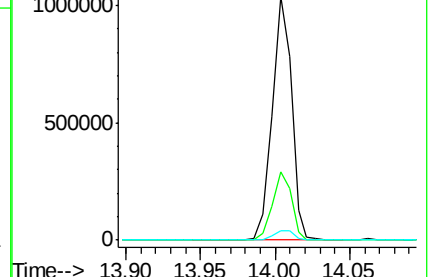
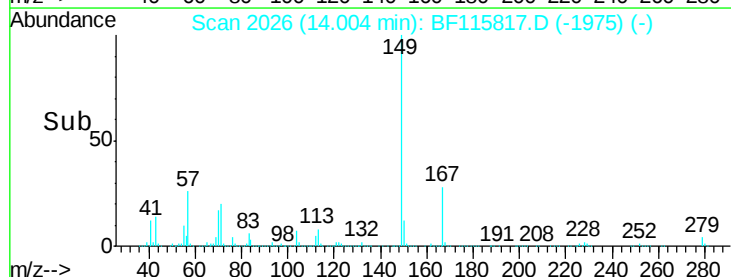
279 3.9 3.1 4.7



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

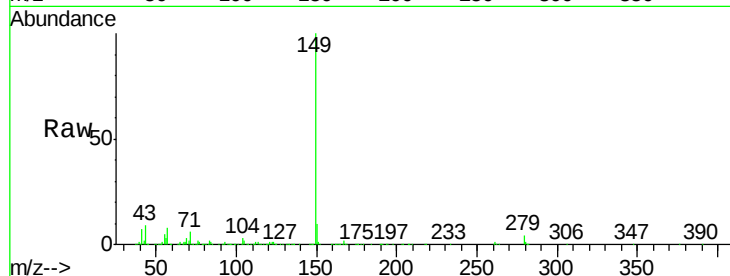




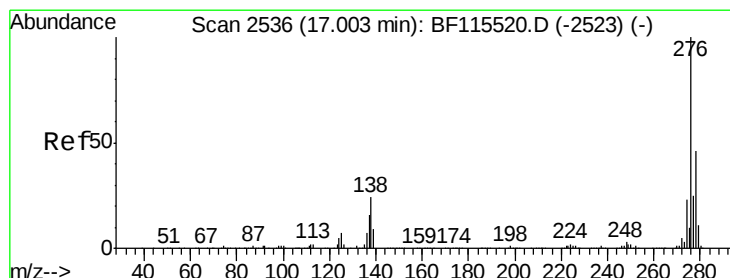
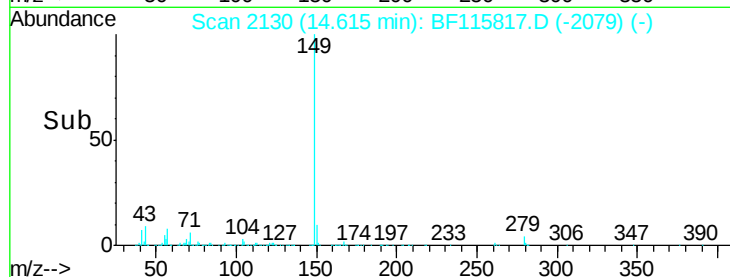
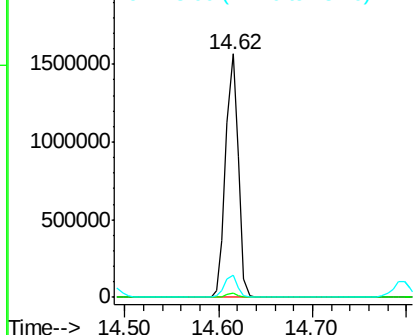
#85
Di-n-octyl phthalate
Concen: 45.303 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1472003
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.4 11.0

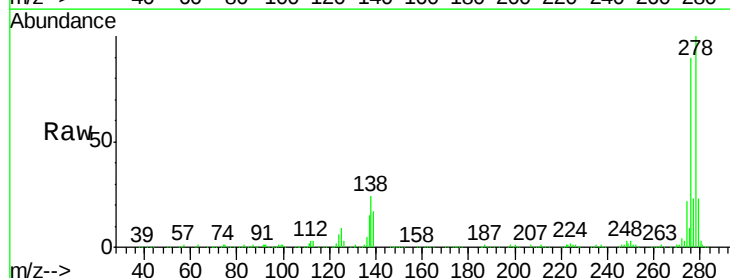


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

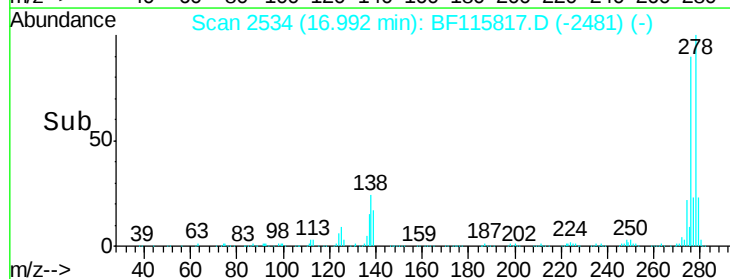
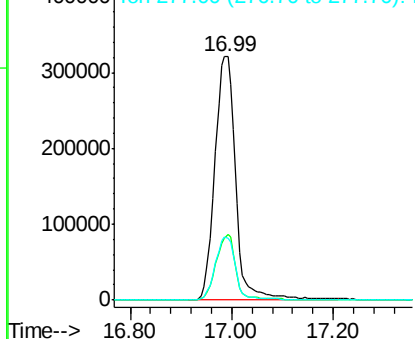


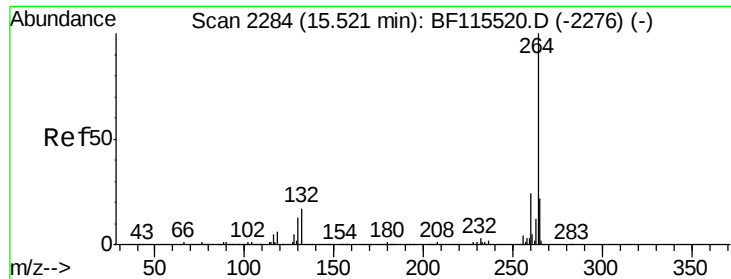
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.868 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:276 Resp: 919941
Ion Ratio Lower Upper
276 100
138 25.7 20.1 30.1
277 25.3 19.8 29.8



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

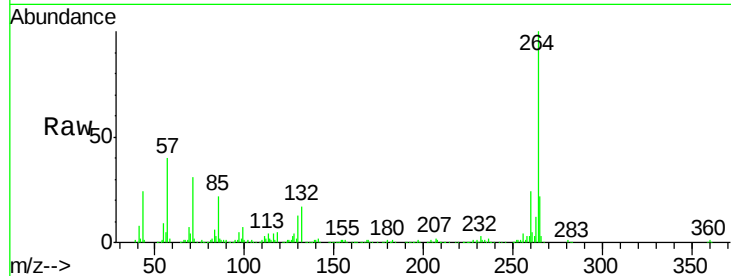
Tot Ion:264 Resp: 367599

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

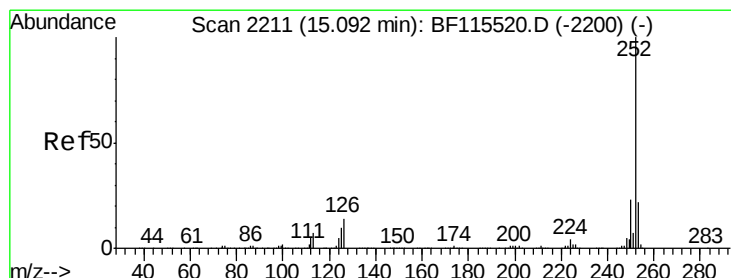
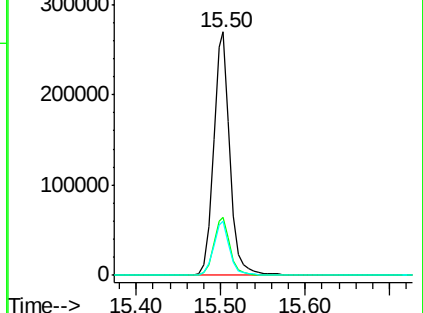
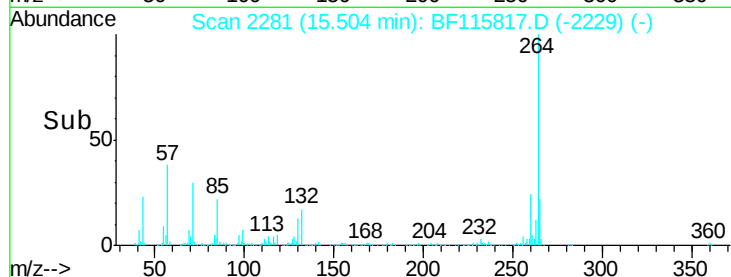
265 22.1 17.5 26.3



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: 45.545 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

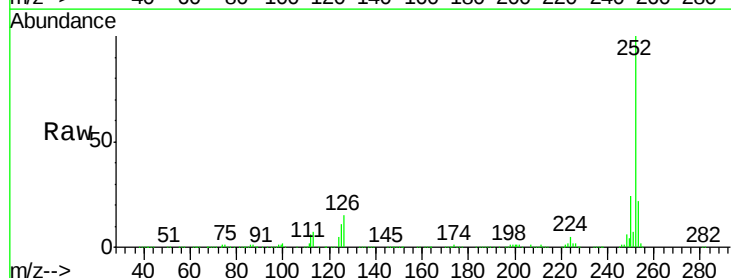
Tgt Ion:252 Resp: 1078073

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

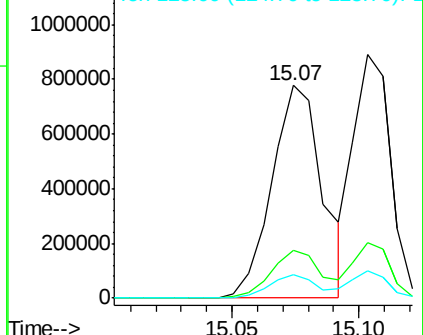
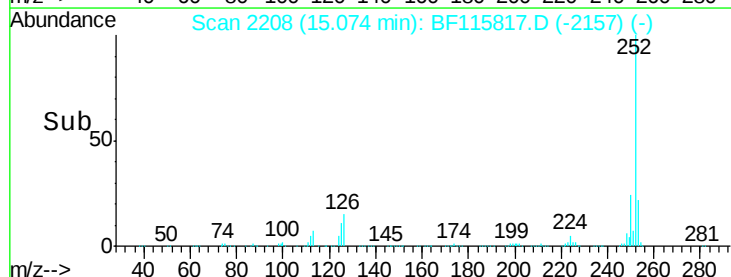
125 10.9 8.4 12.6

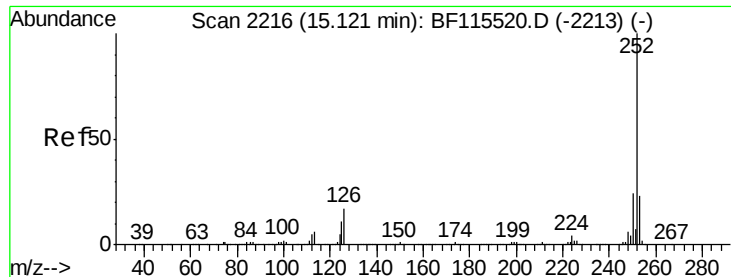


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

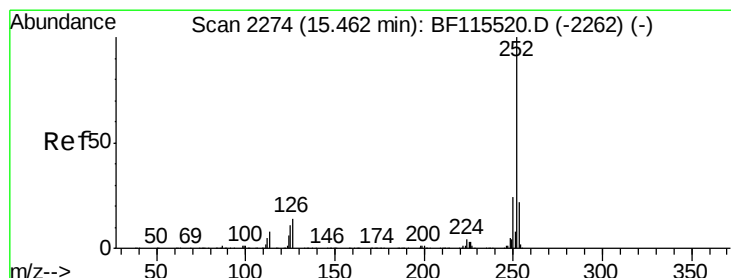
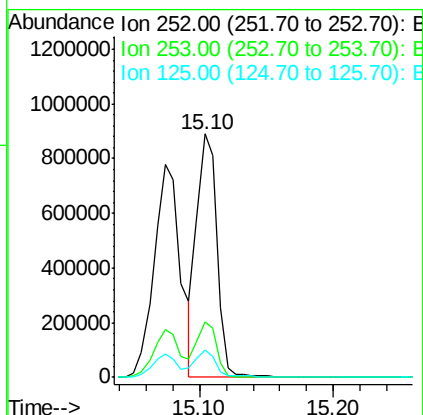
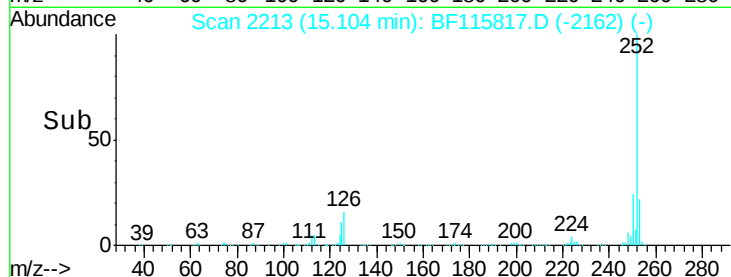
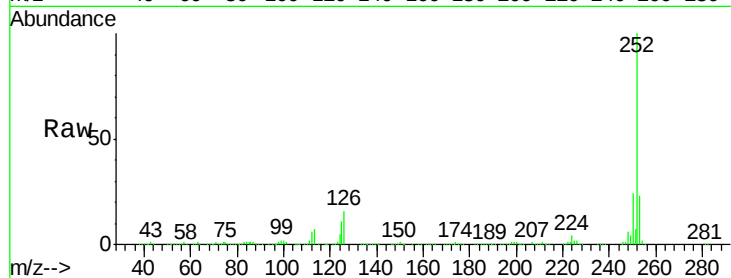




#89
Benzo(k)fluoranthene
Concen: 43.484 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

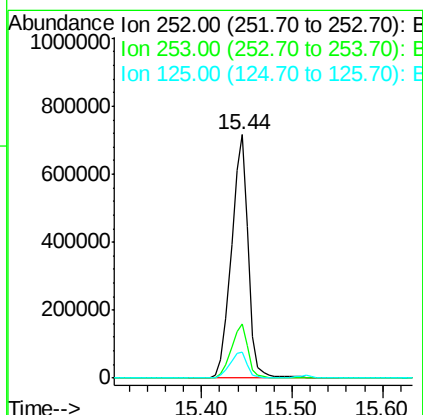
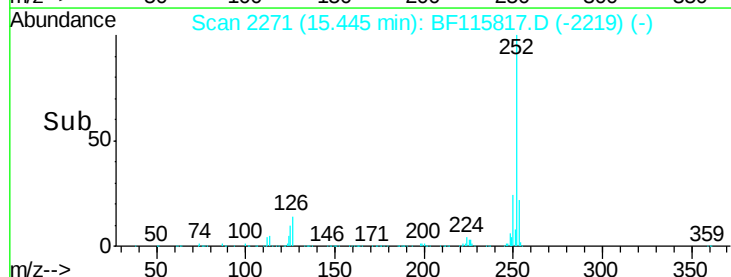
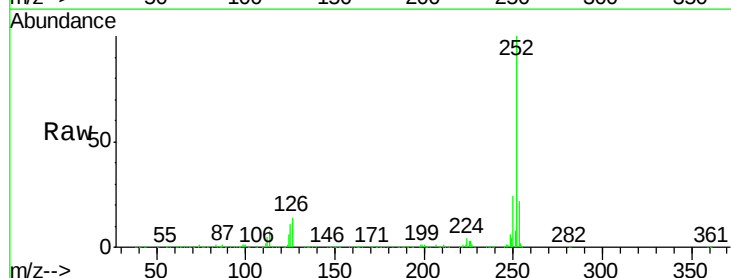
Instrument :
BNA_F
ClientSampleId :

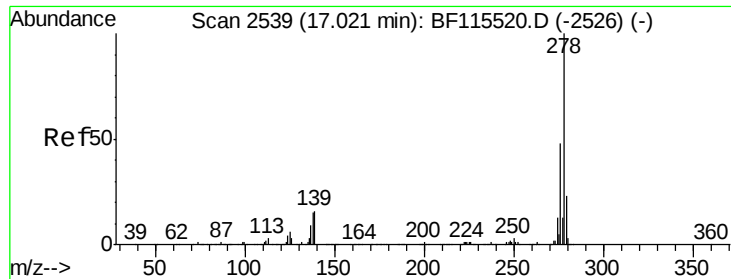
Tot Ion:252 Resp: 917663
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 45.346 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115817.D
Acq: 27 Jul 2019 9:06

Tgt Ion:252 Resp: 922540
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 44.034 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

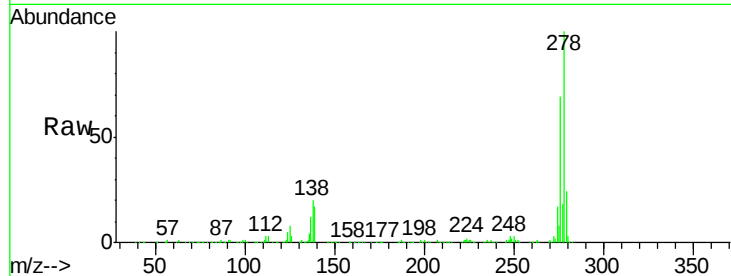
Tot Ion:278 Resp: 786474

Ion Ratio Lower Upper

278 100

139 16.7 13.6 20.4

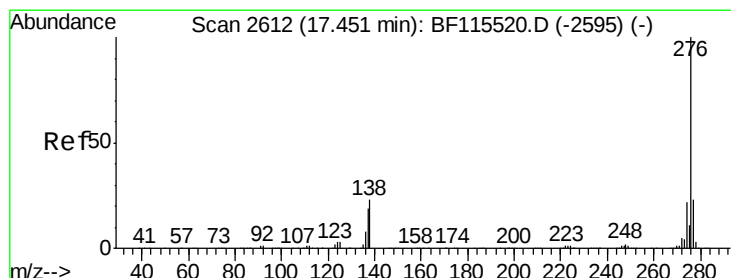
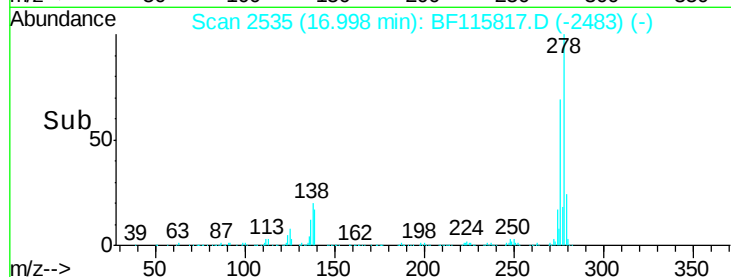
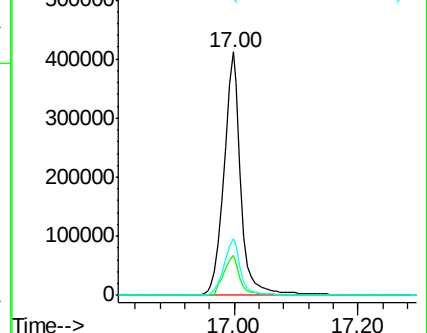
279 23.5 19.6 29.4



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: 41.723 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BF115817.D

Acq: 27 Jul 2019 9:06

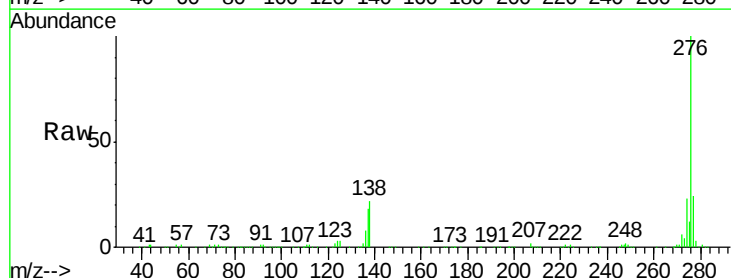
Tgt Ion:276 Resp: 743186

Ion Ratio Lower Upper

276 100

277 23.6 18.1 27.1

138 21.9 16.6 24.8



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

