

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117147.D
 Acq On : 18 Sep 2019 15:28
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:13:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74053	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	304528	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	153097	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	237121	20.00	ng	0.00
76) Chrysene-d12	13.97	240	137068	20.00	ng	0.00
87) Perylene-d12	15.42	264	124170	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	359500	75.79	ng	0.00
7) Phenol-d6	6.46	99	463923	75.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	447442	77.20	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	97114	75.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	769271	78.57	ng	0.00
79) Terphenyl-d14	12.91	244	636042	86.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	72553	36.555	ng	97
3) Pyridine	3.30	79	198430	36.526	ng	98
4) n-Nitrosodimethylamine	3.25	42	64255	34.466	ng	95
6) Aniline	6.49	93	291529	36.938	ng	95
8) 2-Chlorophenol	6.61	128	195281	38.163	ng	98
9) Benzaldehyde	6.37	77	130483	43.405	ng	97
10) Phenol	6.47	94	253004	37.439	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	183759	36.998	ng	97
12) 1,3-Dichlorobenzene	6.76	146	217675	37.910	ng	99
13) 1,4-Dichlorobenzene	6.84	146	222821	38.026	ng	99
14) 1,2-Dichlorobenzene	7.00	146	212410	38.934	ng	98
15) Benzyl Alcohol	6.97	79	176089	37.460	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	184268	37.552	ng	93
17) 2-Methylphenol	7.08	107	160279	37.374	ng	95
18) Hexachloroethane	7.33	117	86693	38.458	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	143178	38.358	ng	98
20) 3+4-Methylphenols	7.23	107	205676	38.503	ng	95
22) Acetophenone	7.23	105	294148	38.018	ng	99
24) Nitrobenzene	7.40	77	219107	38.281	ng	99
25) Isophorone	7.65	82	381323	37.159	ng	99
26) 2-Nitrophenol	7.72	139	97769	39.768	ng	99
27) 2,4-Dimethylphenol	7.76	122	147019	37.710	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	241102	38.134	ng	100
29) 2,4-Dichlorophenol	7.96	162	159634	39.077	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	169973	38.513	ng	98
31) Naphthalene	8.13	128	555660	37.940	ng	99
32) Benzoic acid	7.89	122	85994	31.793	ng	96
33) 4-Chloroaniline	8.17	127	247441	38.092	ng	98
34) Hexachlorobutadiene	8.25	225	97037	38.754	ng	97
35) Caprolactam	8.55	113	48098	34.785	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	179705	37.727	ng	98
37) 2-Methylnaphthalene	8.82	142	373224	37.843	ng	99
38) 1-Methylnaphthalene	8.91	142	353031	38.219	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	156248	39.523	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:13:12 2019
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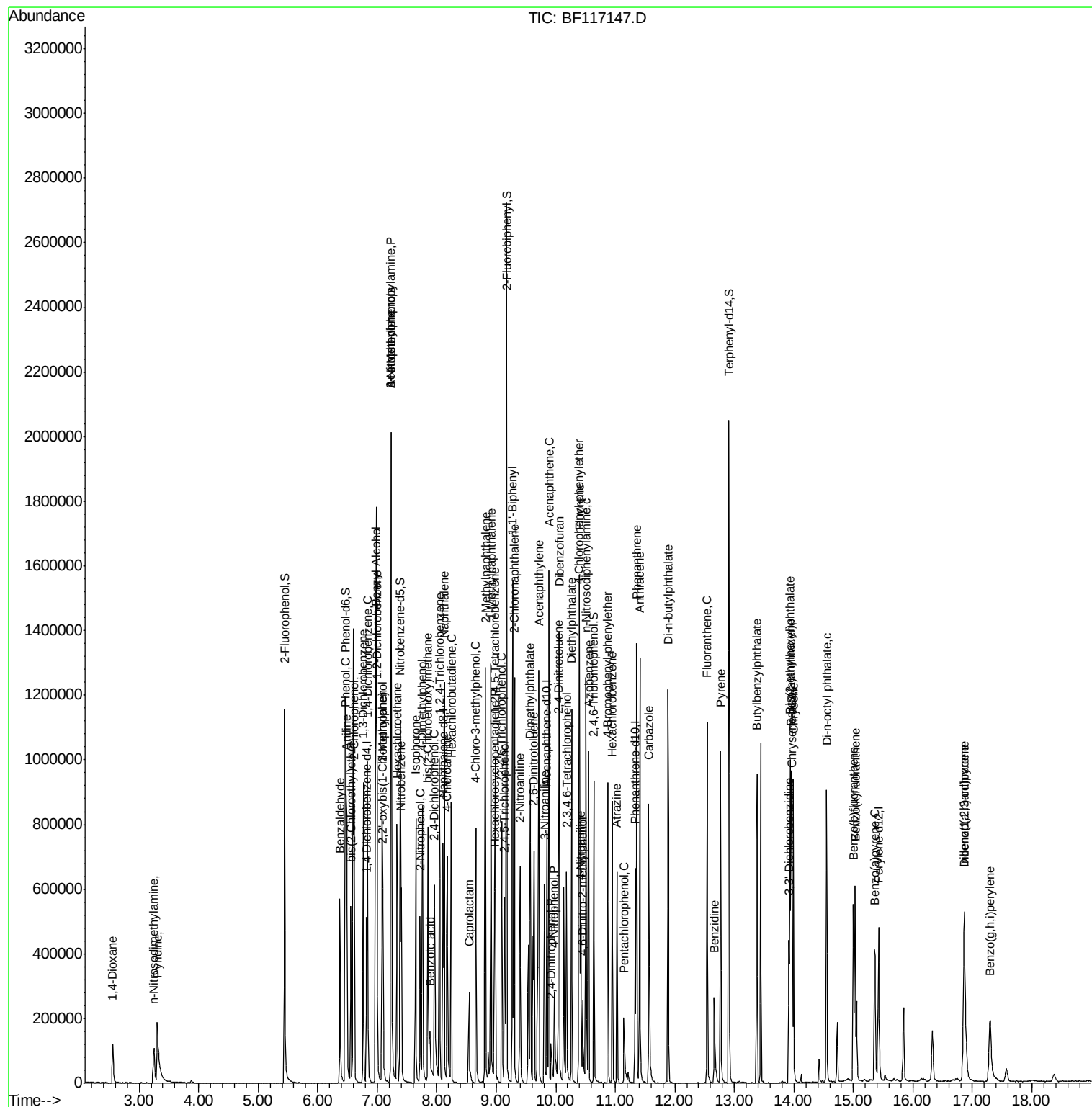
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	53385	35.400	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	101344	37.774	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	102786	35.859	ng	97
46) 1,1'-Biphenyl	9.27	154	467851	38.959	ng	99
47) 2-Chloronaphthalene	9.30	162	363267	38.329	ng	98
48) 2-Nitroaniline	9.40	65	115079	37.856	ng	95
49) Acenaphthylene	9.72	152	541079	38.110	ng	99
50) Dimethylphthalate	9.57	163	400819	36.976	ng	100
51) 2,6-Dinitrotoluene	9.64	165	86489	39.175	ng	97
52) Acenaphthene	9.89	154	313854	37.291	ng	99
53) 3-Nitroaniline	9.81	138	103076	37.004	ng	99
54) 2,4-Dinitrophenol	9.92	184	26556	33.832	ng	94
55) Dibenzofuran	10.06	168	473586	38.138	ng	98
56) 4-Nitrophenol	9.97	139	65423	36.239	ng	98
57) 2,4-Dinitrotoluene	10.05	165	111211	38.806	ng	96
58) Fluorene	10.40	166	378787	37.868	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	85112	38.802	ng	97
60) Diethylphthalate	10.27	149	401275	37.627	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168186	38.861	ng	95
62) 4-Nitroaniline	10.42	138	101825	35.151	ng	97
63) Azobenzene	10.55	77	404182	37.107	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	39187	37.957	ng	99
66) n-Nitrosodiphenylamine	10.50	169	321071	39.207	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	97401	40.222	ng	96
68) Hexachlorobenzene	10.95	284	104050	39.285	ng	97
69) Atrazine	11.03	200	79737	37.386	ng	98
70) Pentachlorophenol	11.15	266	35804	28.839	ng	97
71) Phenanthrene	11.36	178	514923	38.232	ng	99
72) Anthracene	11.41	178	523164	38.048	ng	99
73) Carbazole	11.56	167	477498	36.585	ng	99
74) Di-n-butylphthalate	11.89	149	596860	38.436	ng	99
75) Fluoranthene	12.55	202	485648	35.093	ng	98
77) Benzidine	12.66	184	162242	36.745	ng	99
78) Pyrene	12.77	202	487074	42.350	ng	99
80) Butylbenzylphthalate	13.38	149	219270	40.348	ng	96
81) Benzo(a)anthracene	13.96	228	338167	36.927	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	109642	37.154	ng	96
83) Chrysene	13.99	228	334109	37.407	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	277412	39.591	ng	99
85) Di-n-octyl phthalate	14.55	149	431149	39.094	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	294517	45.197	ng	98
88) Benzo(b)fluoranthene	15.00	252	253144	33.656	ng	100
89) Benzo(k)fluoranthene	15.03	252	282521	39.653	ng	99
90) Benzo(a)pyrene	15.36	252	250401	37.938	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	244393	46.481	ng	97
92) Benzo(g,h,i)perylene	17.30	276	236514	45.141	ng	97

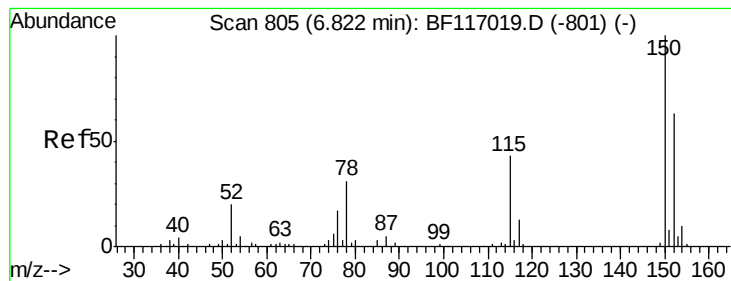
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

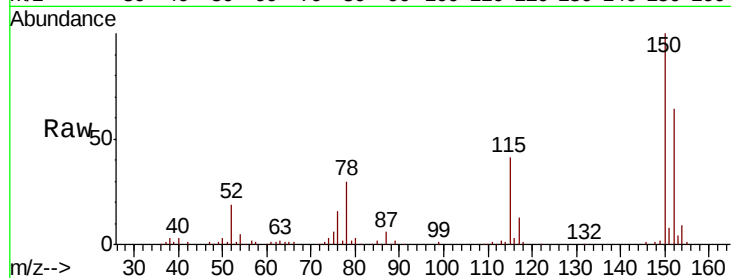
Tot Ion:152 Resp: 74053

Ion Ratio Lower Upper

152 100

150 156.5 127.5 191.3

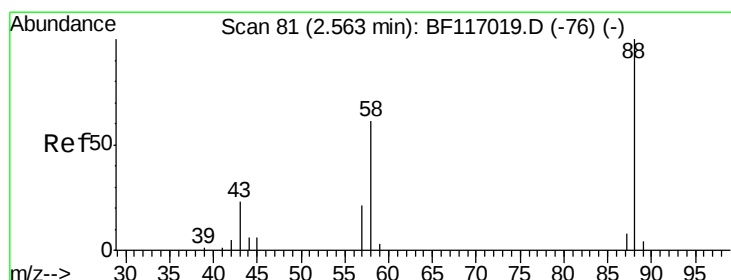
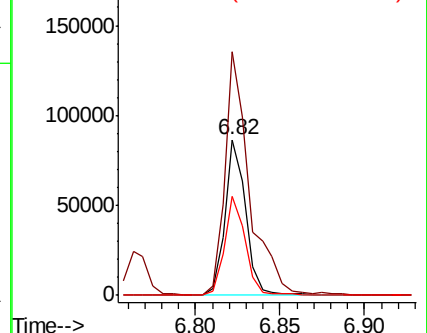
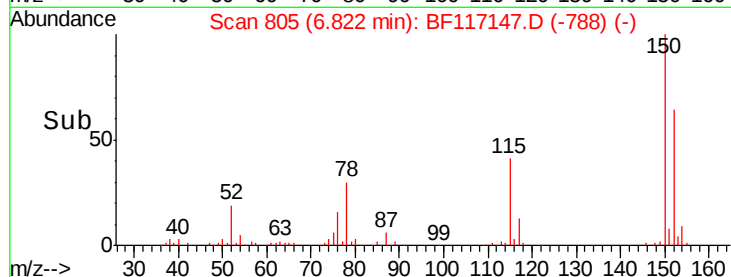
115 63.8 55.0 82.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.555 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

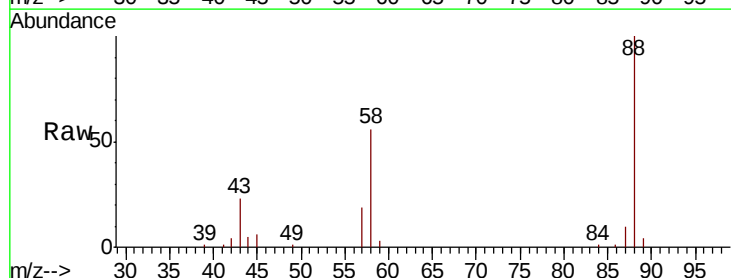
Tgt Ion: 88 Resp: 72553

Ion Ratio Lower Upper

88 100

58 58.4 49.3 73.9

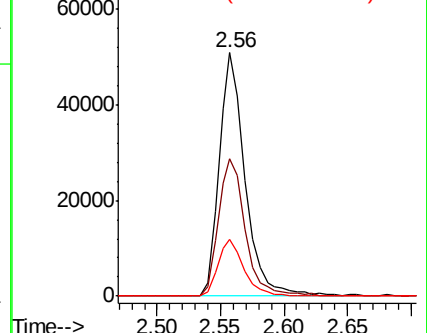
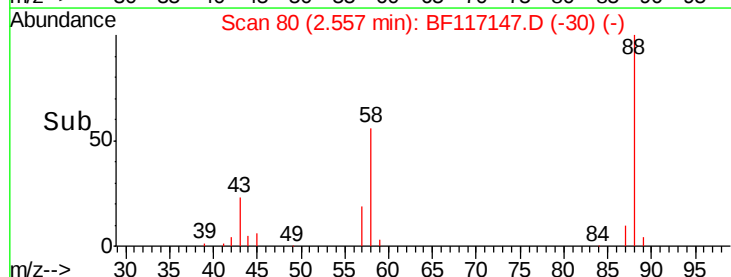
43 23.3 18.8 28.2



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: 36.526 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

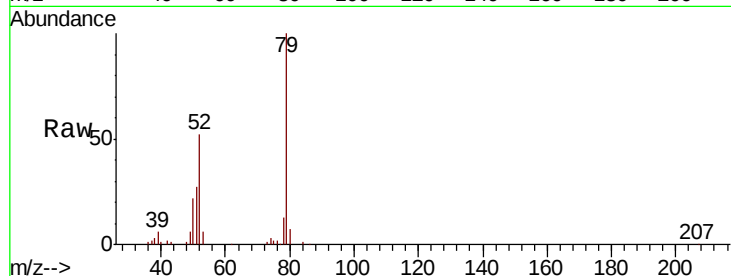
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 198430

Ion	Ratio	Lower	Upper
79	100		
52	51.8	43.5	65.3
51	27.1	21.8	32.6

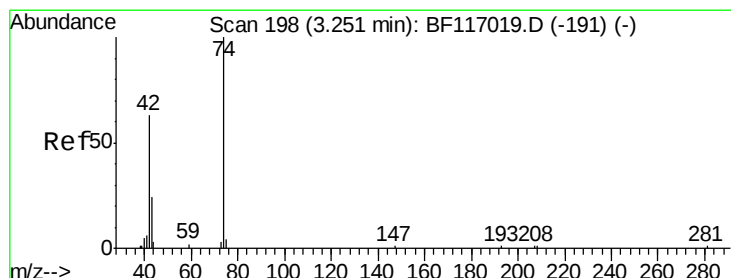
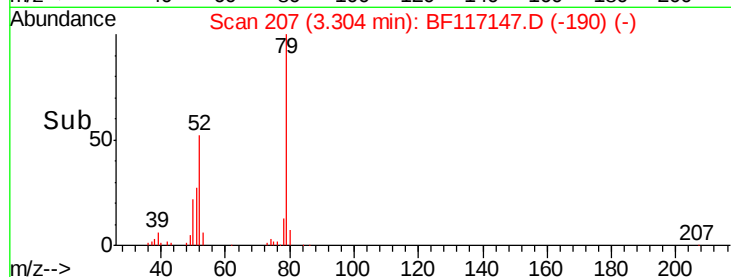
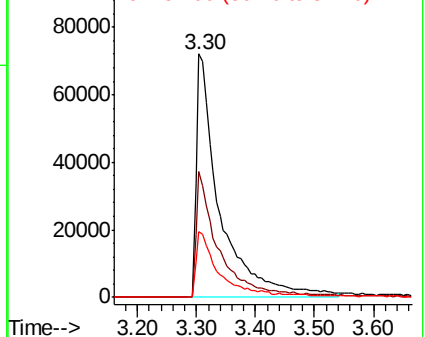


Abundance

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: 34.466 ng

RT: 3.25 min Scan# 198

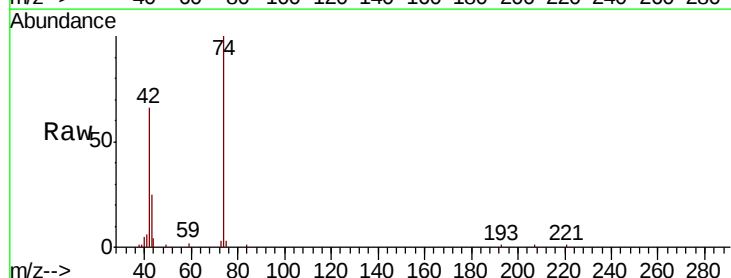
Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Tgt Ion: 42 Resp: 64255

Ion	Ratio	Lower	Upper
42	100		
74	151.8	127.1	190.7
44	6.0	4.3	6.5

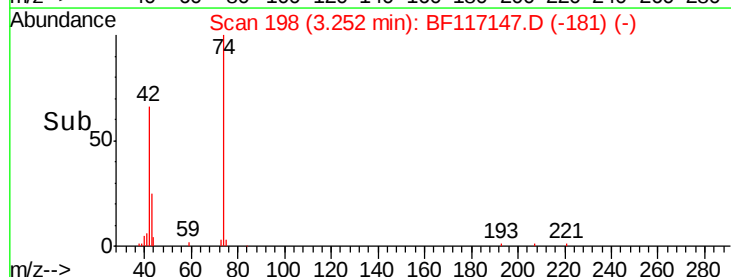
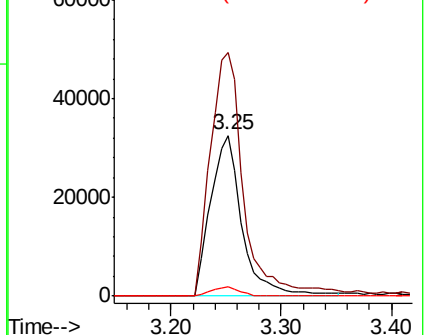


Abundance

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: 75.793 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

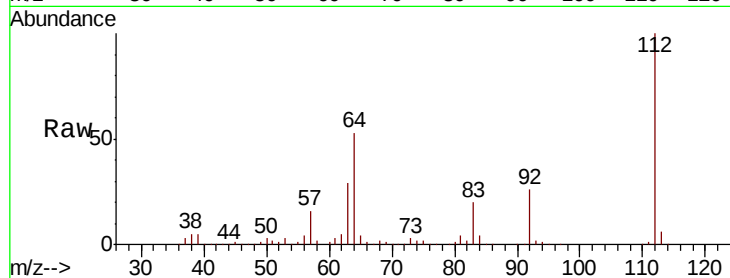
Tot Ion: 112 Resp: 359500

Ion Ratio Lower Upper

112 100

64 53.4 45.7 68.5

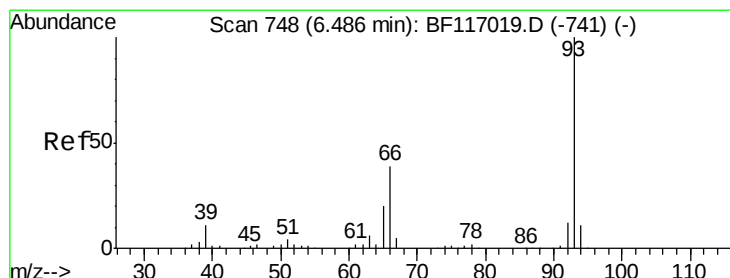
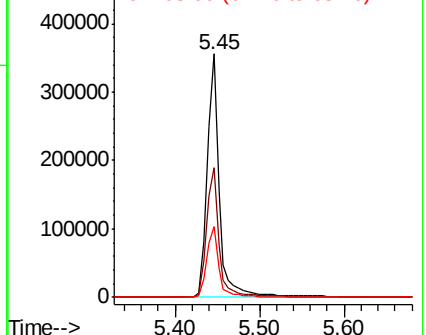
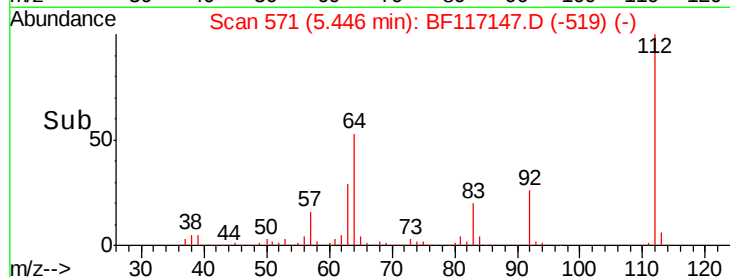
63 28.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.938 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

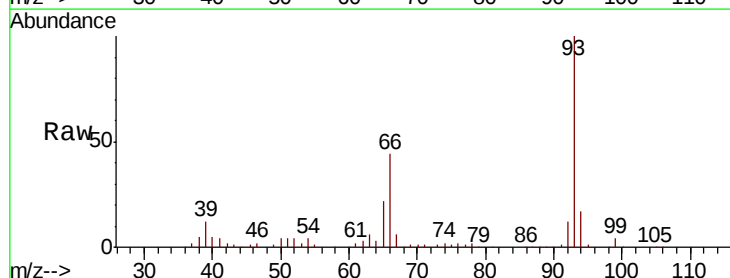
Tgt Ion: 93 Resp: 291529

Ion Ratio Lower Upper

93 100

66 44.5 32.6 49.0

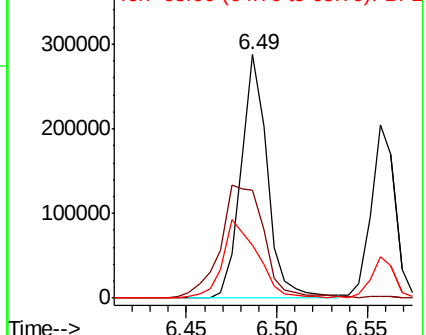
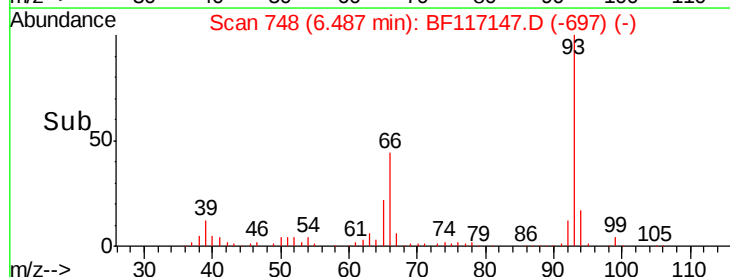
65 21.9 16.7 25.1

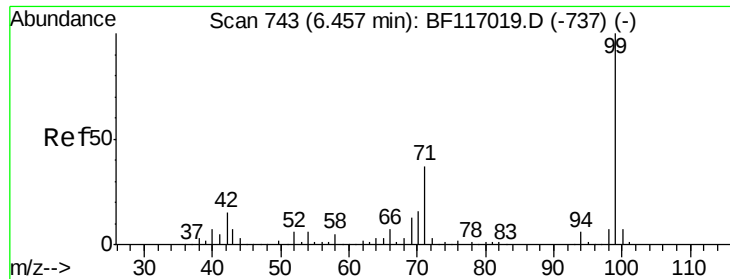


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.682 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

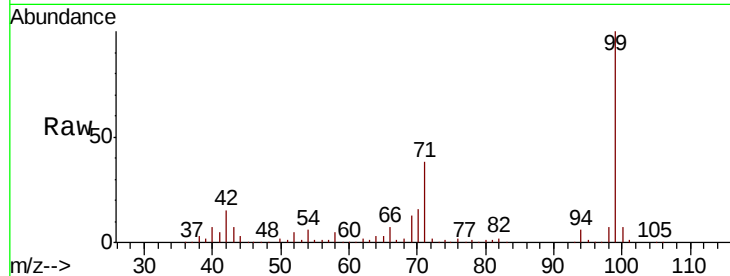
Tot Ion: 99 Resp: 463923

Ion Ratio Lower Upper

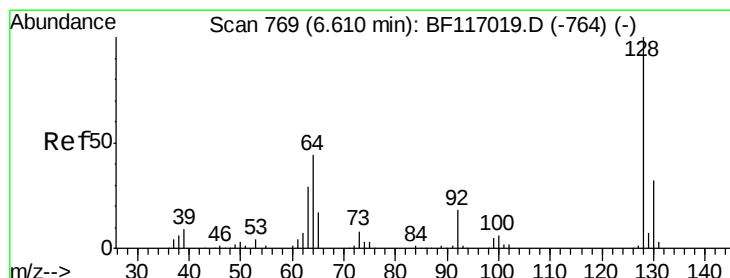
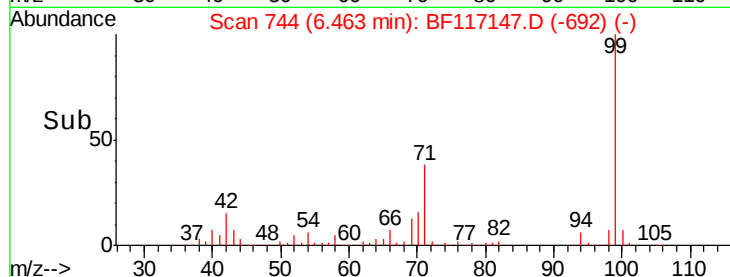
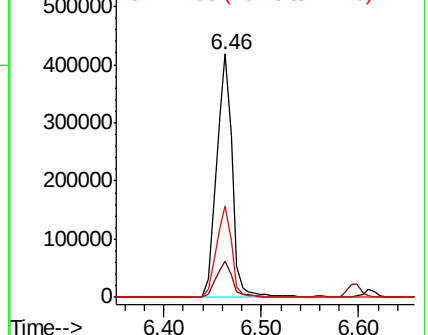
99 100

42 15.1 12.2 18.2

71 37.7 29.8 44.8



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: 38.163 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

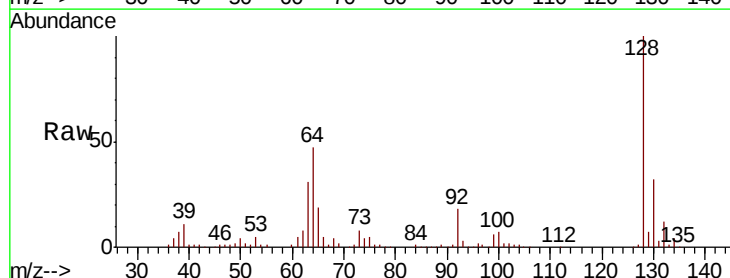
Tgt Ion: 128 Resp: 195281

Ion Ratio Lower Upper

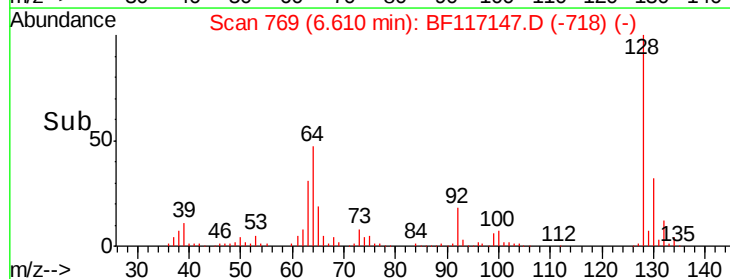
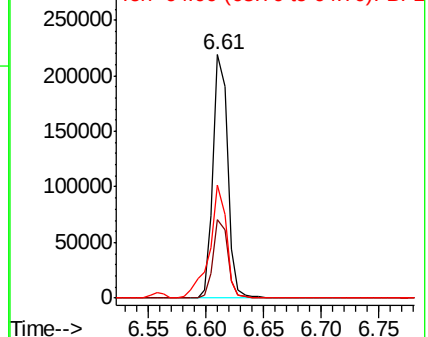
128 100

130 32.0 11.8 51.8

64 46.6 25.0 65.0



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: 43.405 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

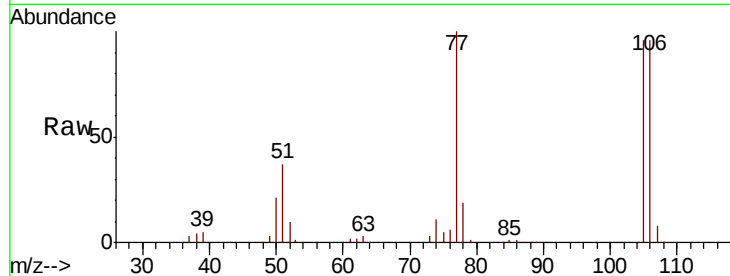
Tot Ion: 77 Resp: 130483

Ion Ratio Lower Upper

77 100

105 96.5 81.8 121.8

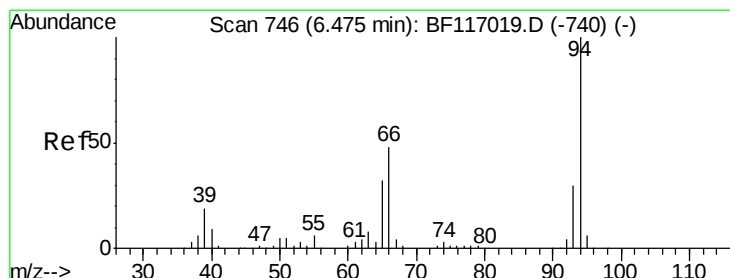
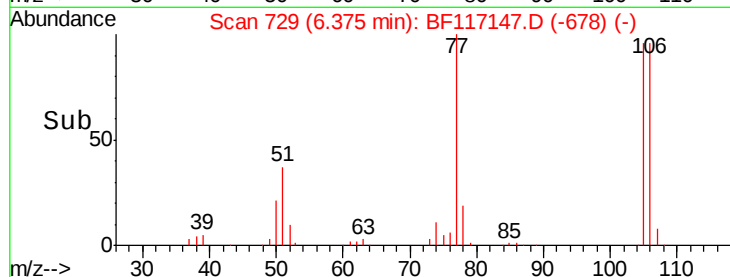
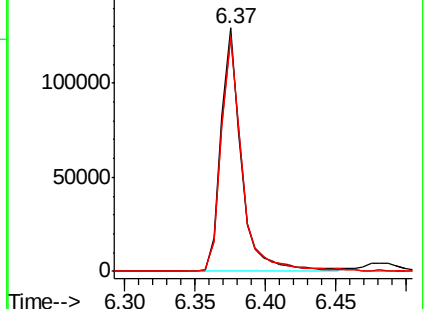
106 96.3 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.439 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

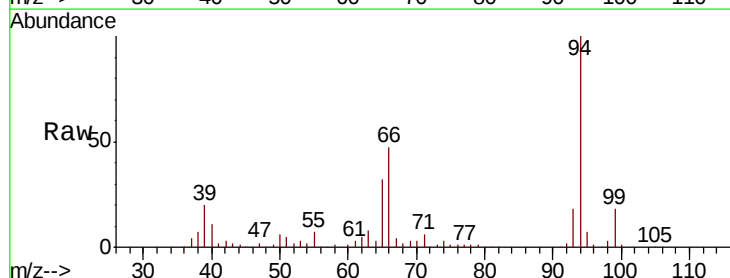
Tgt Ion: 94 Resp: 253004

Ion Ratio Lower Upper

94 100

65 32.3 12.5 52.5

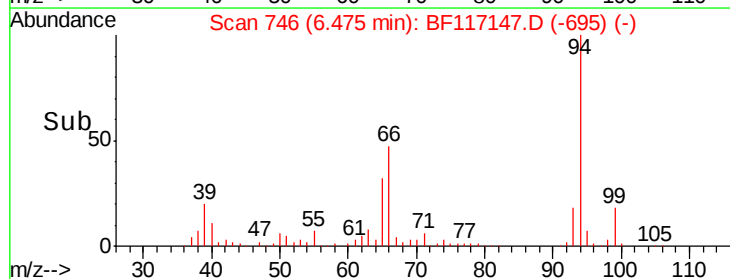
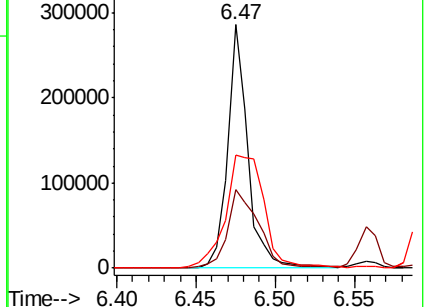
66 46.6 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.998 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

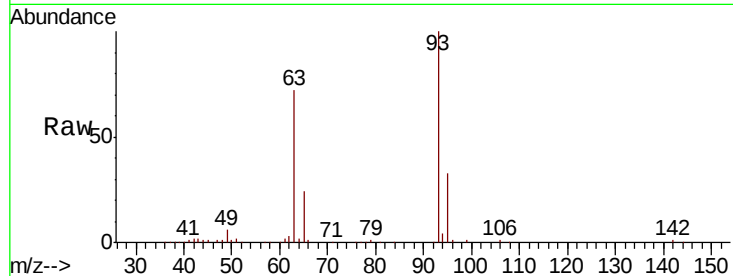
Tot Ion: 93 Resp: 183759

Ion Ratio Lower Upper

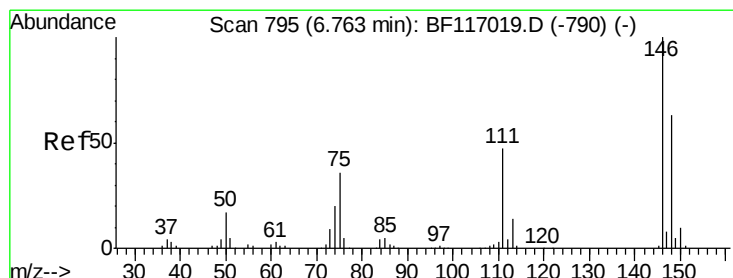
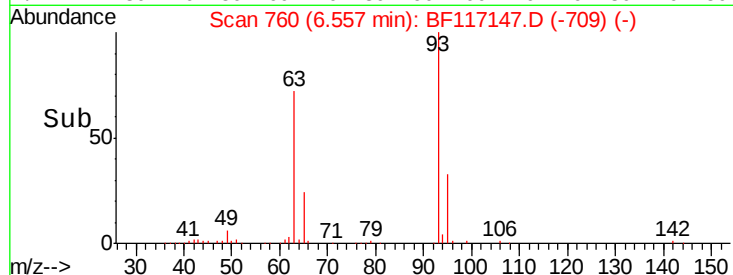
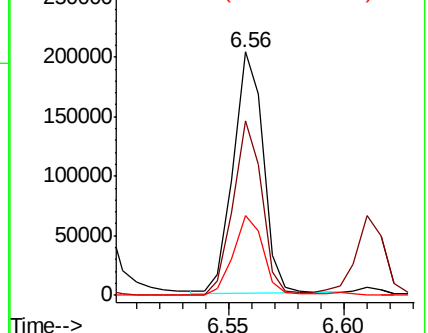
93 100

63 71.6 49.3 89.3

95 32.6 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 37.910 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

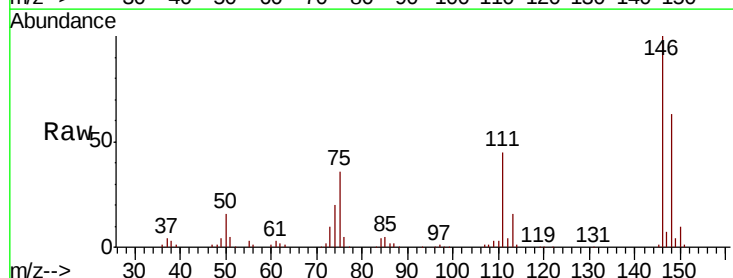
Tgt Ion: 146 Resp: 217675

Ion Ratio Lower Upper

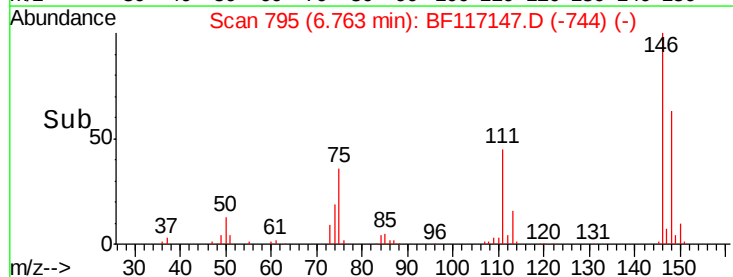
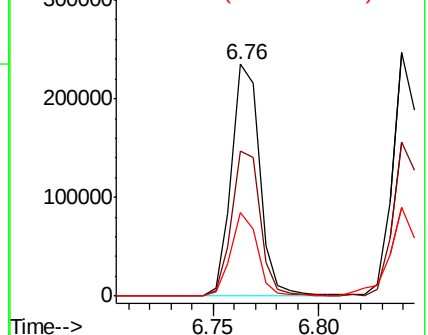
146 100

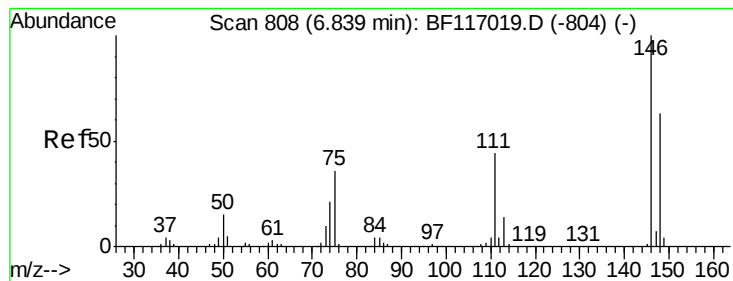
148 62.7 50.8 76.2

75 36.2 28.7 43.1



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





#13

1,4-Dichlorobenzene

Concen: 38.026 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

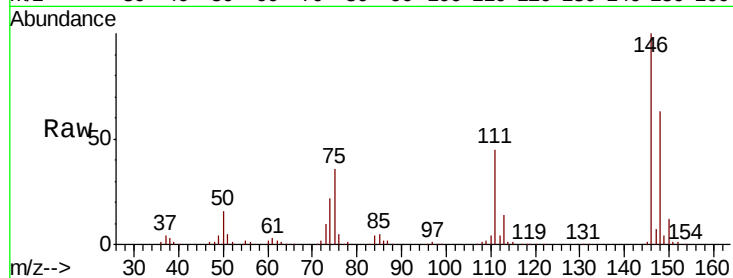
Tot Ion:146 Resp: 222821

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

111 45.4 35.0 52.6

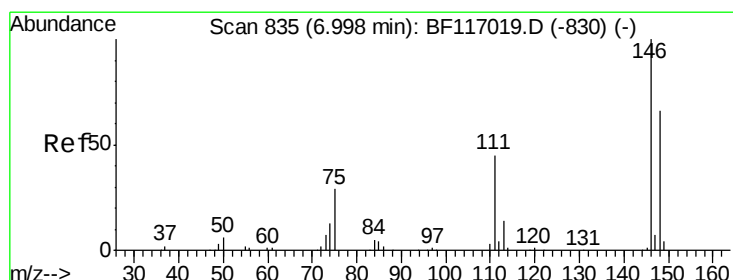
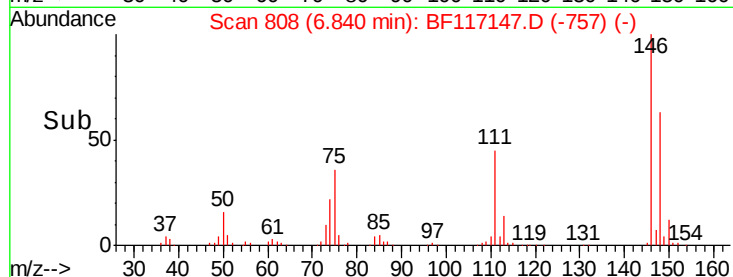
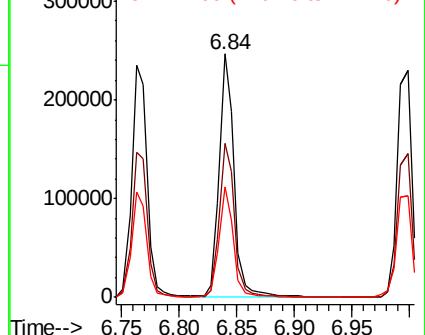


Abundance

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: 38.934 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

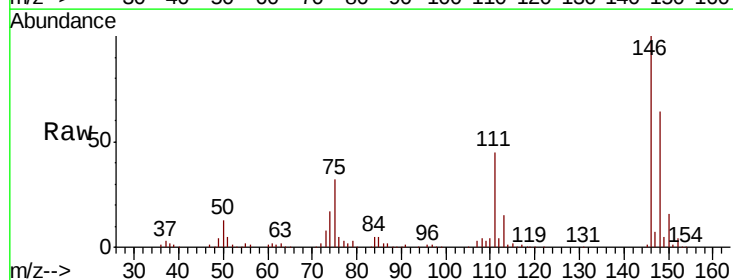
Tgt Ion:146 Resp: 212410

Ion Ratio Lower Upper

146 100

148 63.5 52.6 78.8

111 44.6 36.2 54.2

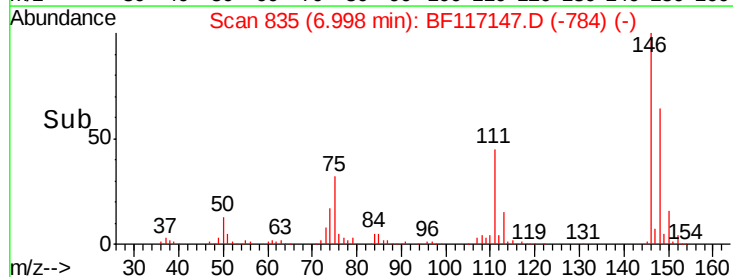
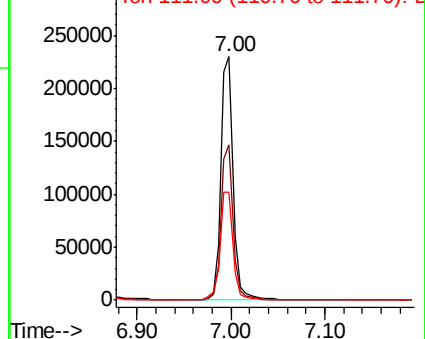


Abundance

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: 37.460 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

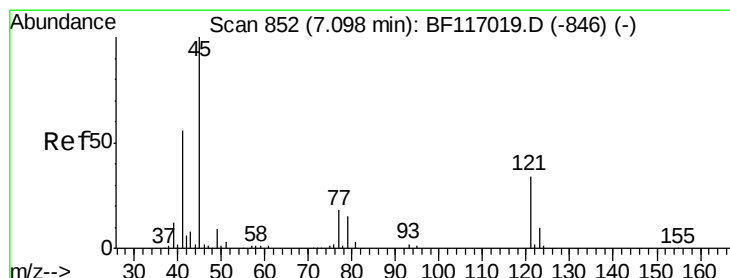
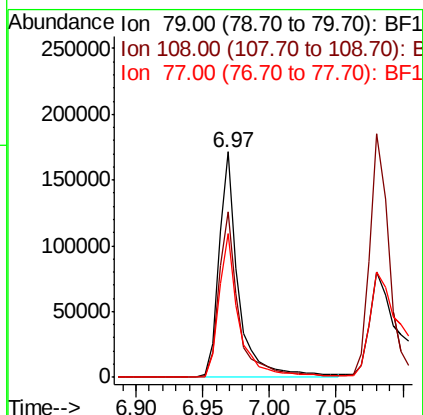
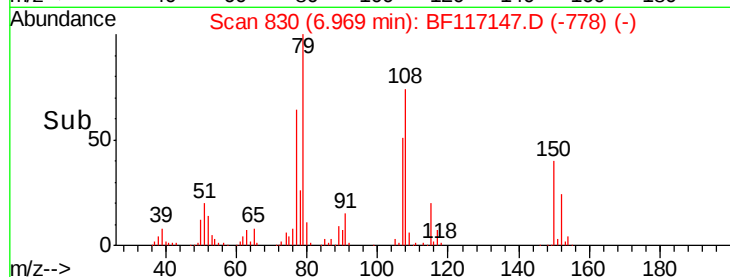
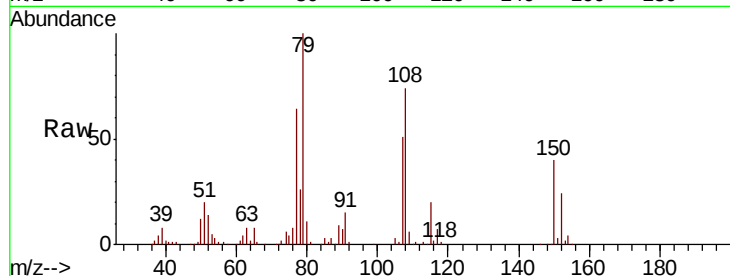
Tot Ion: 79 Resp: 176089

Ion Ratio Lower Upper

79 100

108 73.7 59.4 89.0

77 63.6 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.552 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

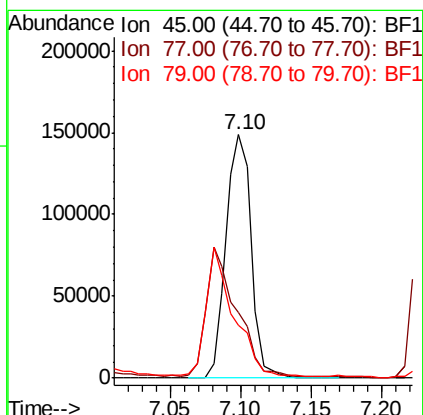
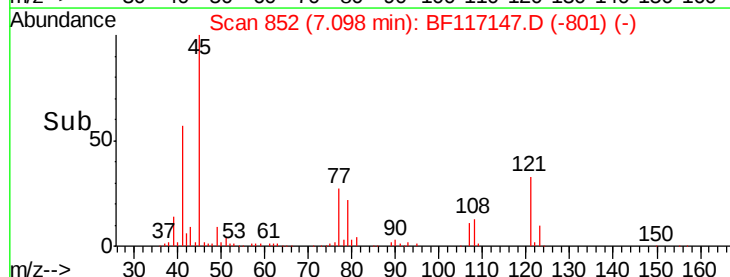
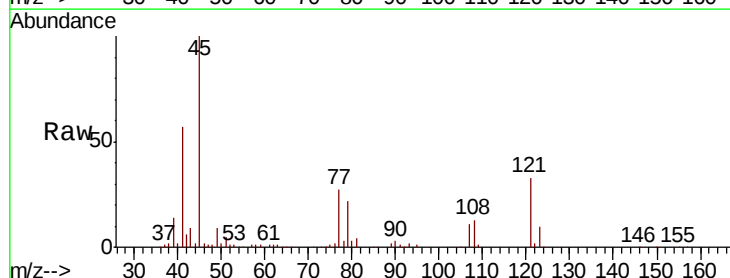
Tgt Ion: 45 Resp: 184268

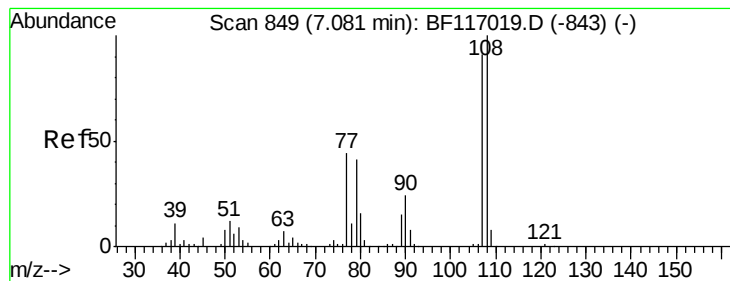
Ion Ratio Lower Upper

45 100

77 26.9 2.7 42.7

79 21.6 0.0 38.9





#17

2-Methylphenol

Concen: 37.374 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 160279

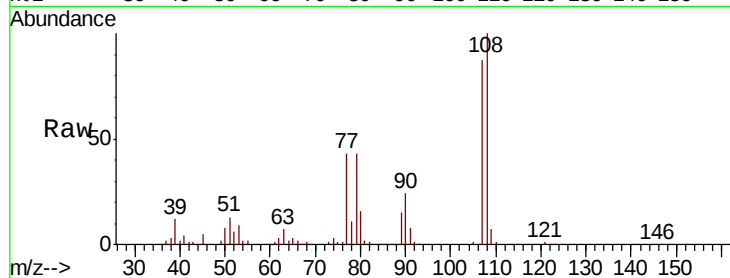
Ion Ratio Lower Upper

107 100

108 115.3 87.7 131.5

77 49.6 38.6 58.0

79 49.7 36.8 55.2

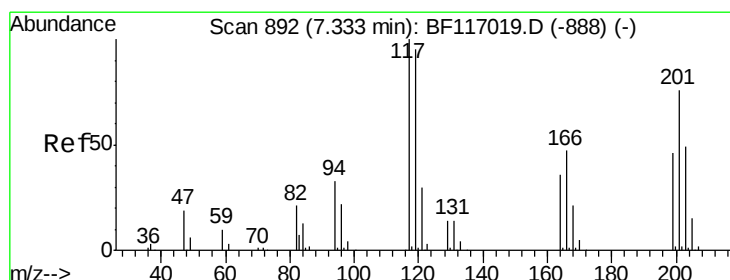
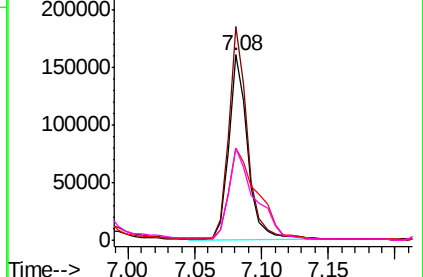
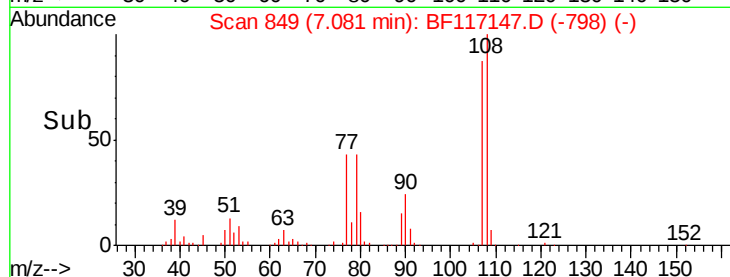


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.458 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

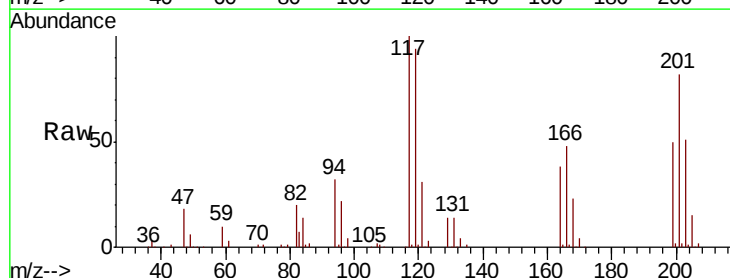
Tgt Ion:117 Resp: 86693

Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.8

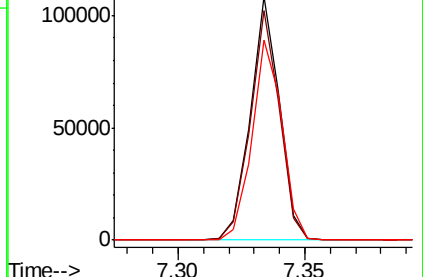
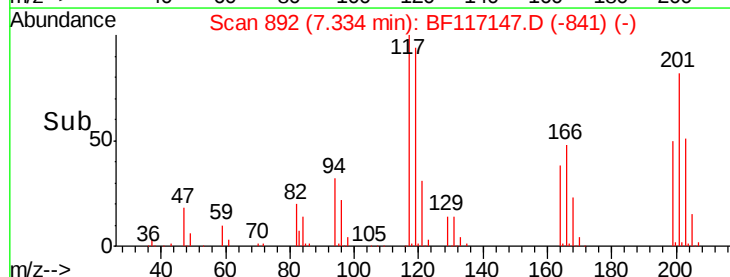
201 82.3 60.9 91.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

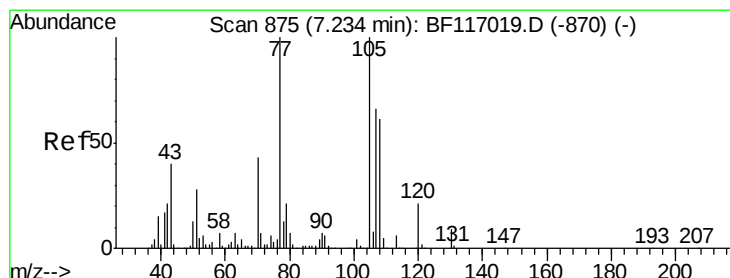
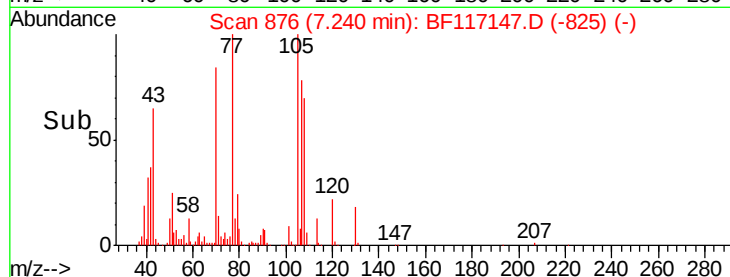
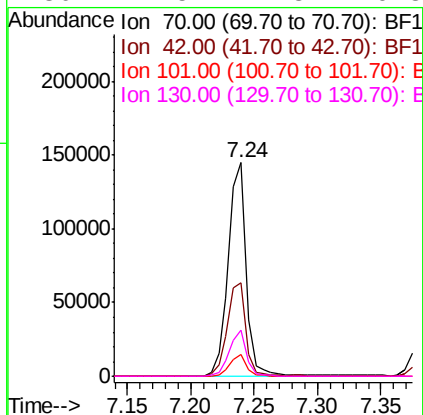
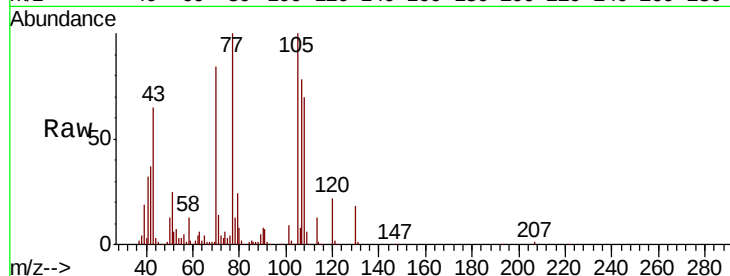




#19
n-Nitroso-di-n-propylamine
Concen: 38.358 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

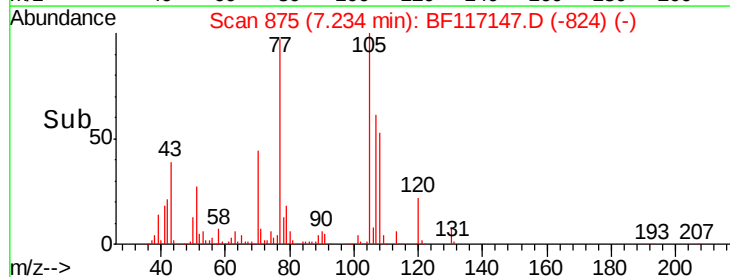
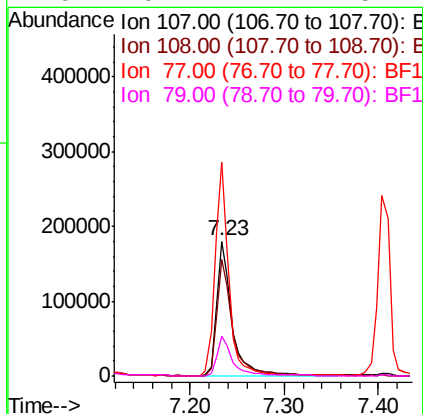
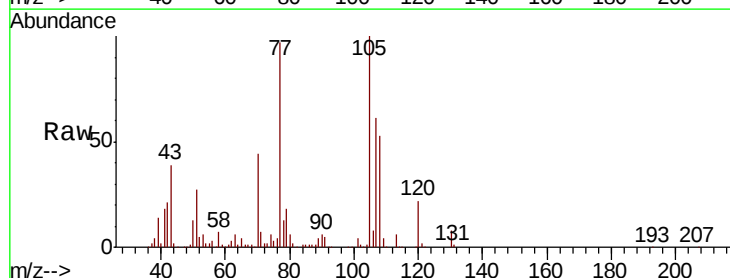
Instrument :
BNA_F
ClientSampleId :

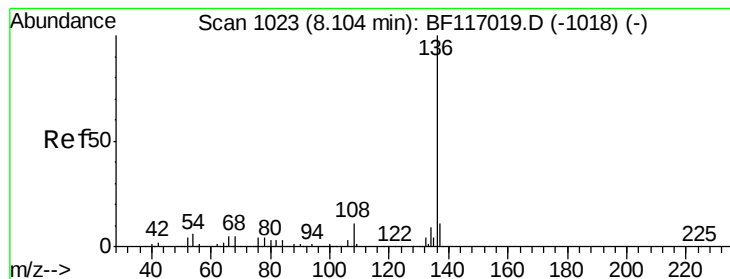
Tot Ion:	70	Resp:	143178
Ion	Ratio	Lower	Upper
70	100		
42	44.1	34.0	51.0
101	10.5	7.8	11.6
130	21.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.503 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:	107	Resp:	205676
Ion	Ratio	Lower	Upper
107	100		
108	86.7	72.6	112.6
77	158.6	132.1	172.1
79	29.4	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 304528

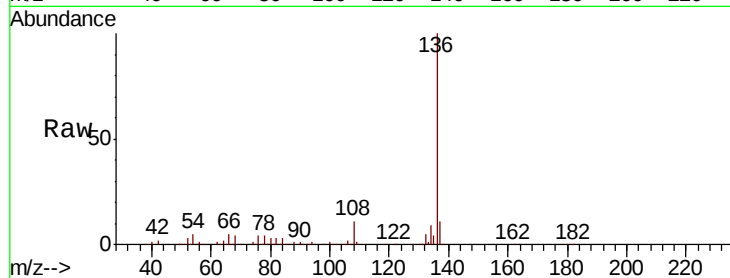
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.4 4.5 6.7

68 4.4 4.0 6.0



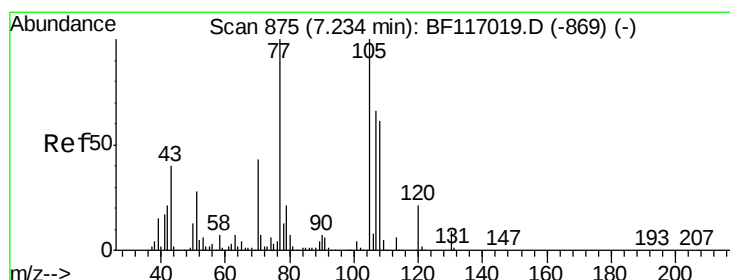
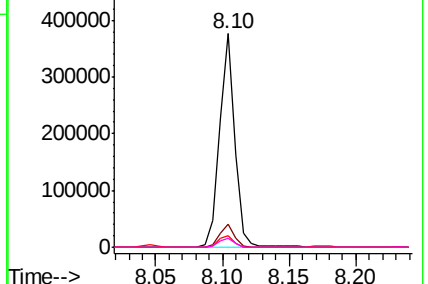
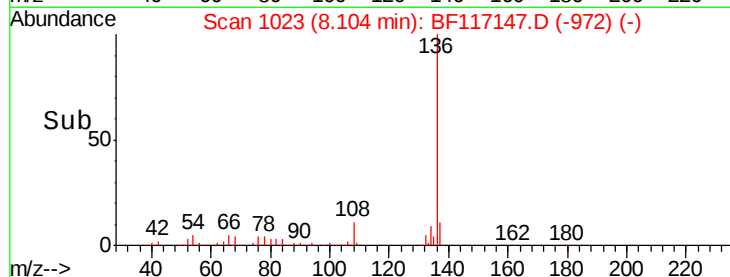
Abundance

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: 38.018 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Tgt Ion:105 Resp: 294148

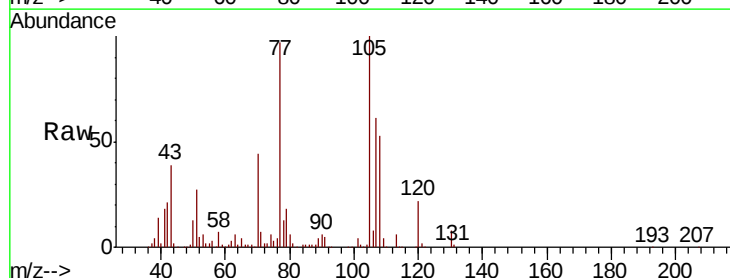
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 27.4 22.1 33.1

120 21.8 17.1 25.7



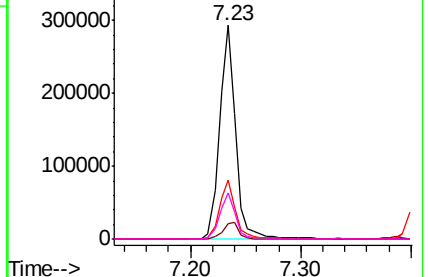
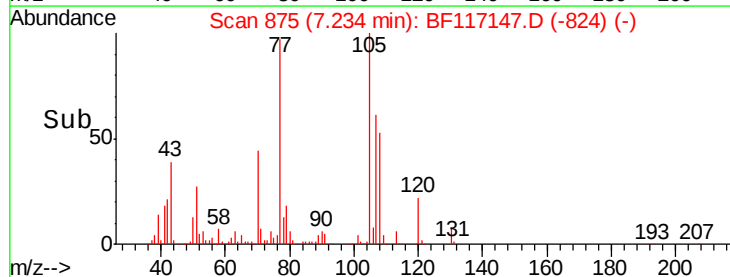
Abundance

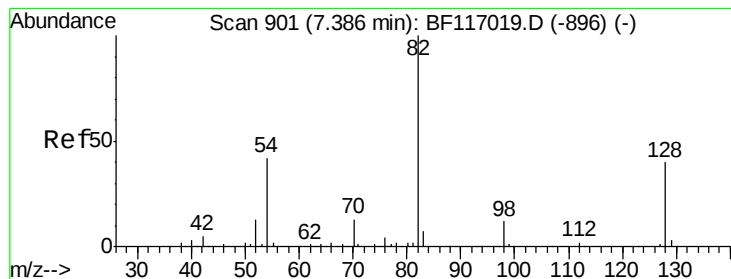
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.200 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

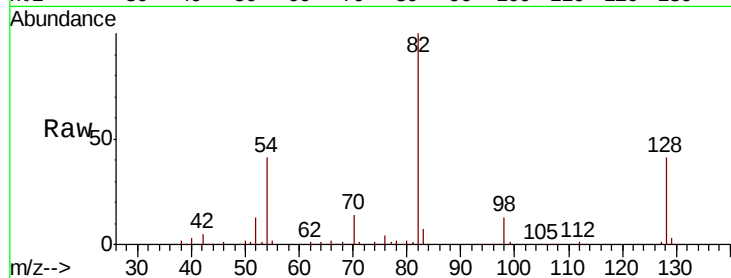
Tot Ion: 82 Resp: 447442

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

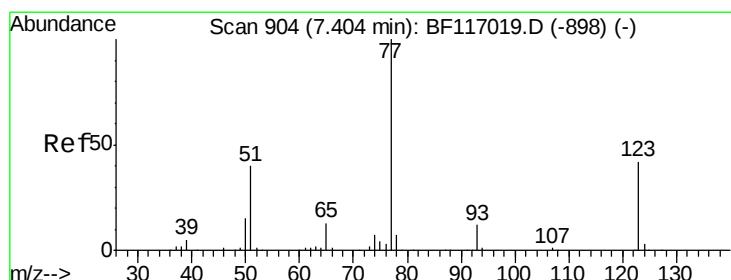
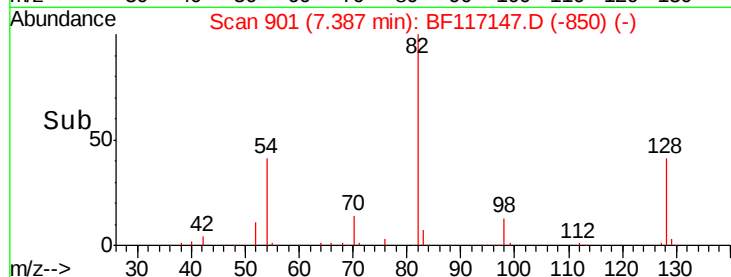
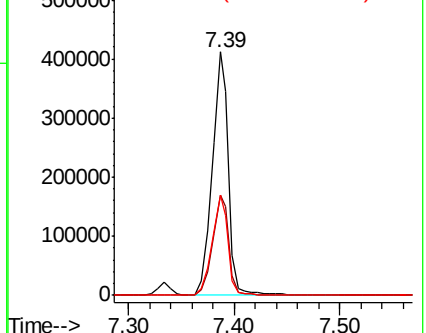
54 41.3 33.3 49.9



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: 38.281 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

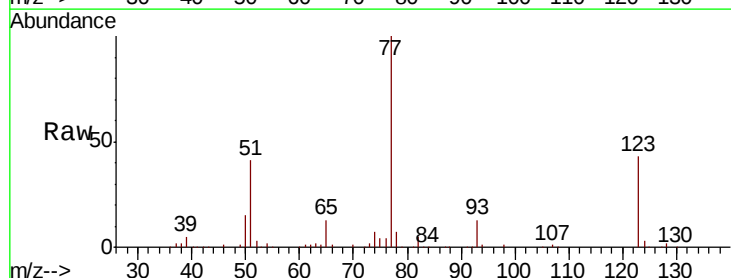
Tgt Ion: 77 Resp: 219107

Ion Ratio Lower Upper

77 100

123 42.7 33.5 50.3

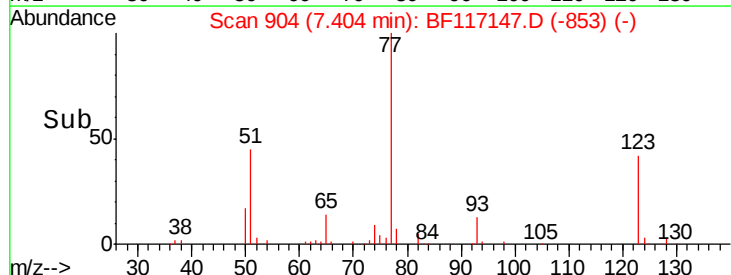
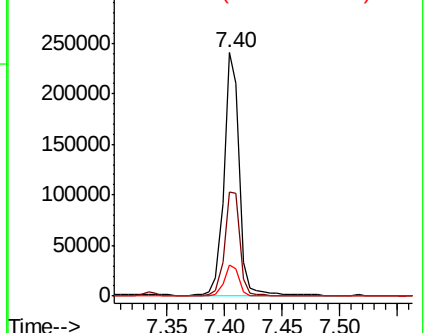
65 12.7 10.5 15.7



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: 37.159 ng

RT: 7.65 min Scan# 945

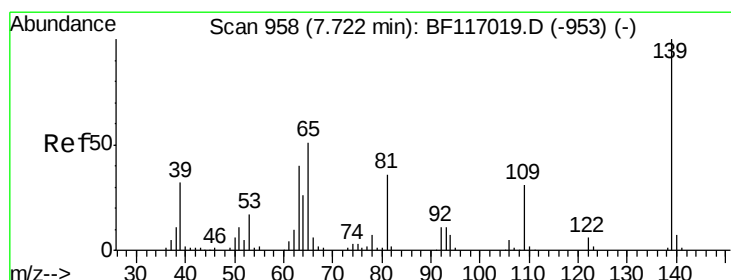
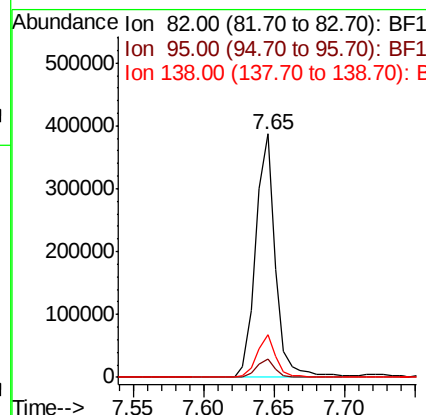
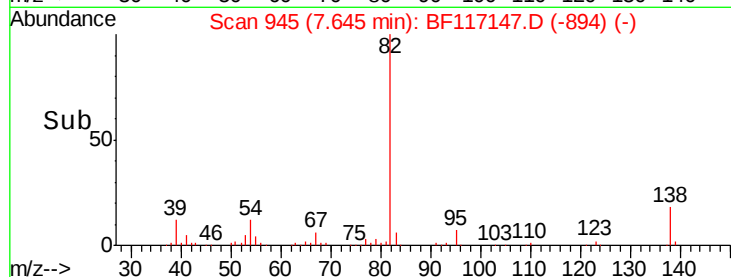
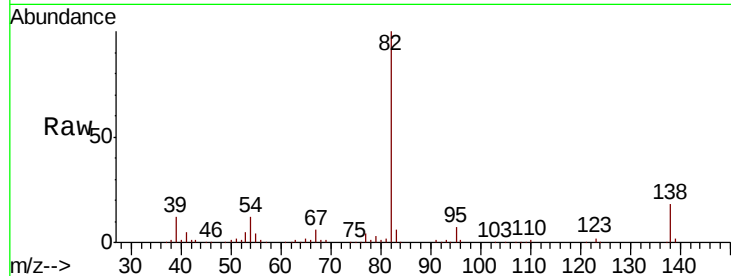
Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 381323
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.6 13.5 20.3



#26

2-Nitrophenol

Concen: 39.768 ng

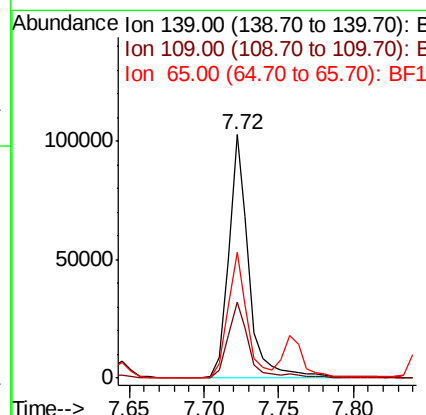
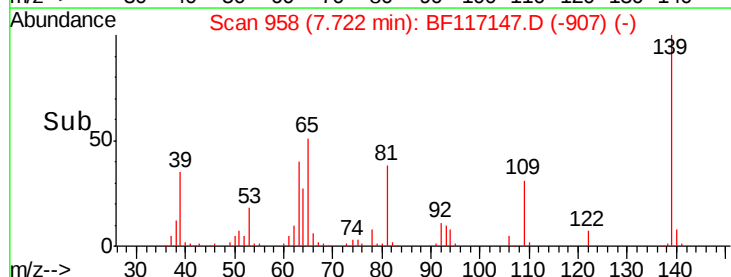
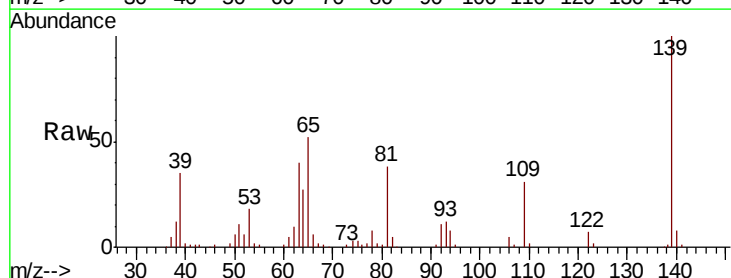
RT: 7.72 min Scan# 958

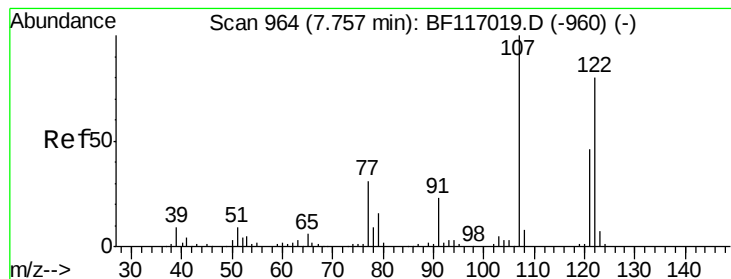
Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Tgt Ion: 139 Resp: 97769
Ion Ratio Lower Upper
139 100
109 31.3 24.6 36.8
65 51.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 37.710 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

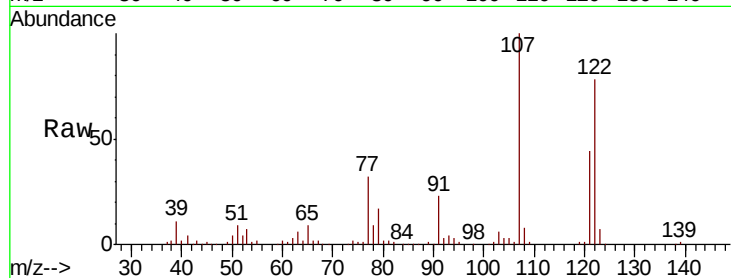
Tot Ion:122 Resp: 147019

Ion Ratio Lower Upper

122 100

107 128.4 98.9 148.3

121 56.3 45.3 67.9

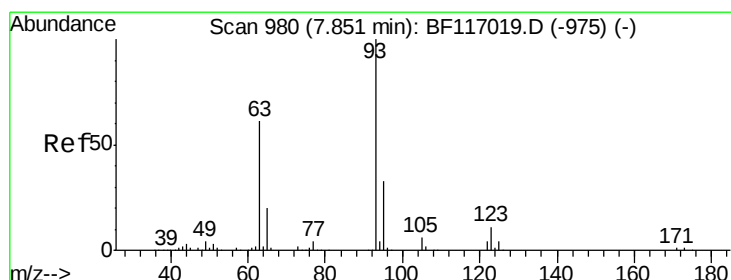
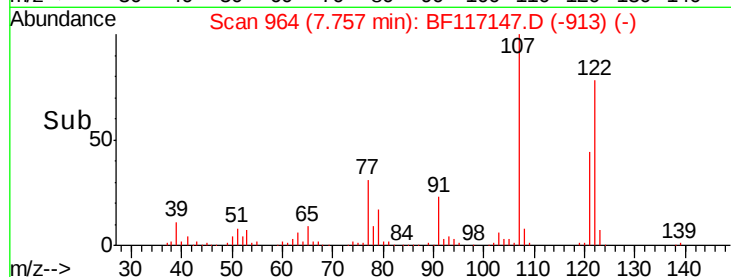
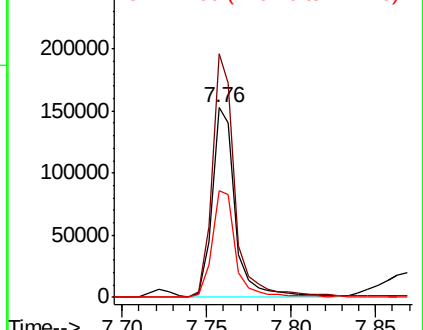


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.134 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

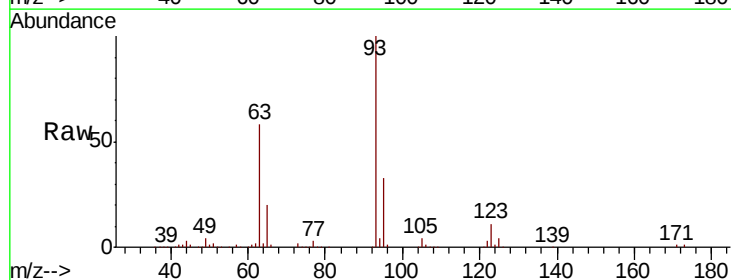
Tgt Ion: 93 Resp: 241102

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 11.2 9.0 13.6

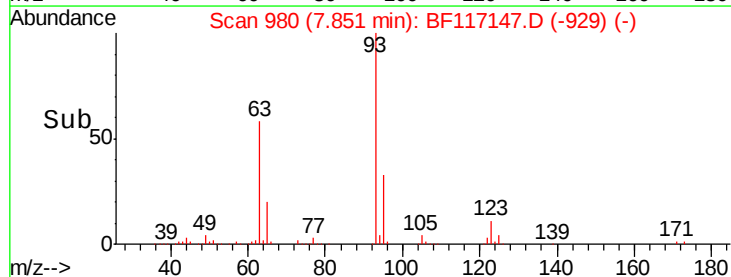
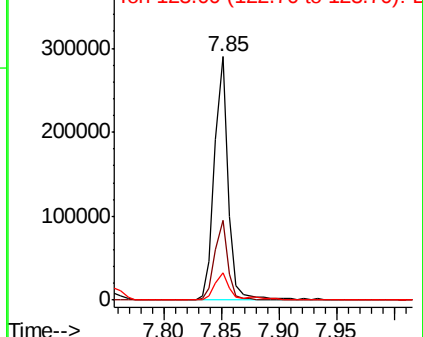


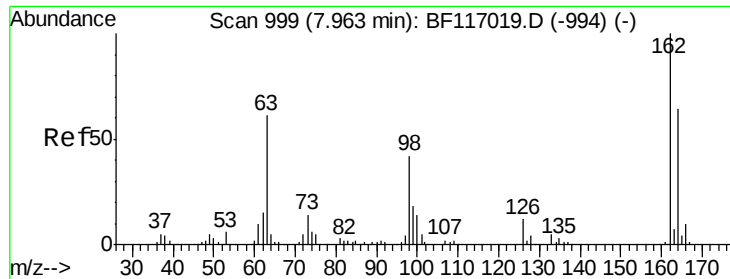
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

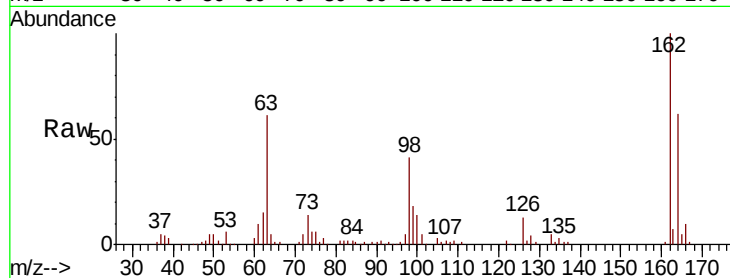




#29
2,4-Dichlorophenol
Concen: 39.077 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.8	83.8
98	41.4	22.1	62.1

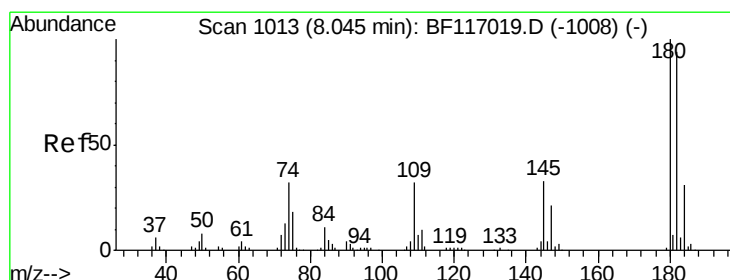
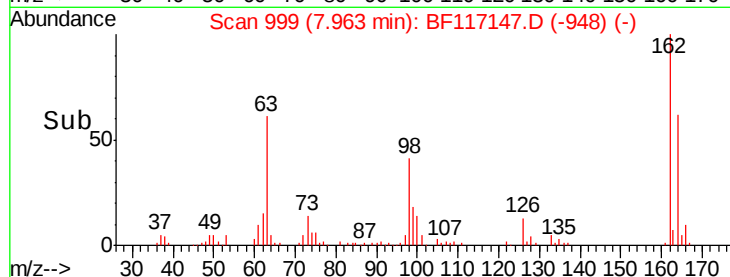
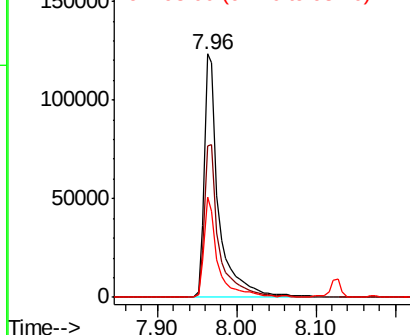


Abundance

Ion 162.00 (161.70 to 162.70): E

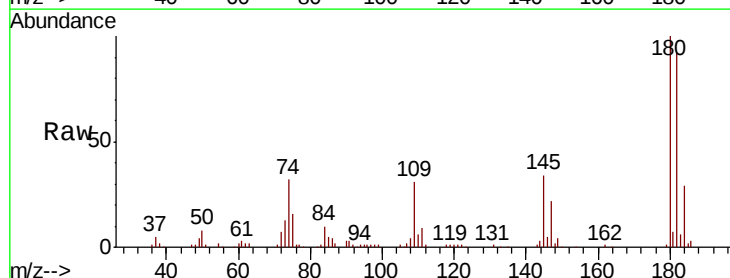
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.513 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.4	113.0
145	34.3	26.7	40.1

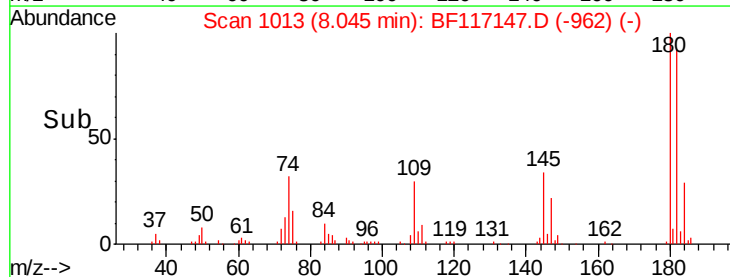
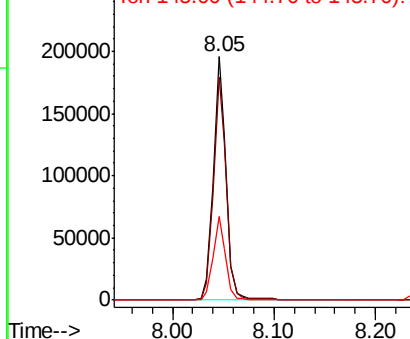


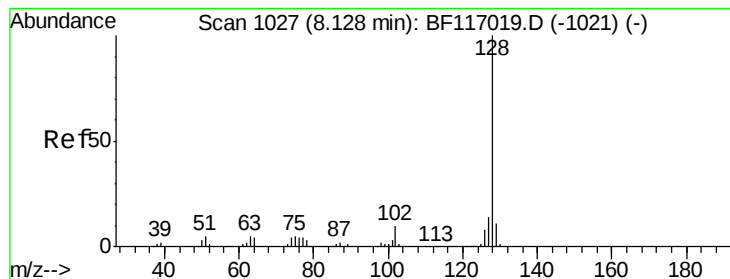
Abundance

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: 37.940 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

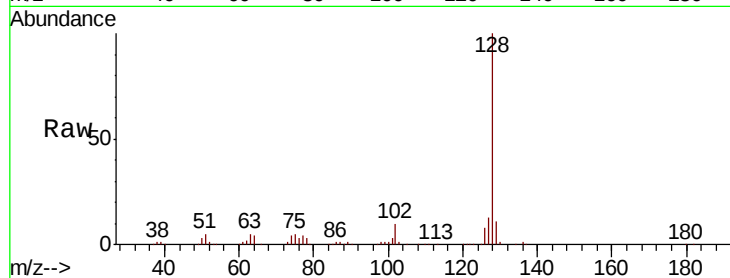
Tot Ion:128 Resp: 555660

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

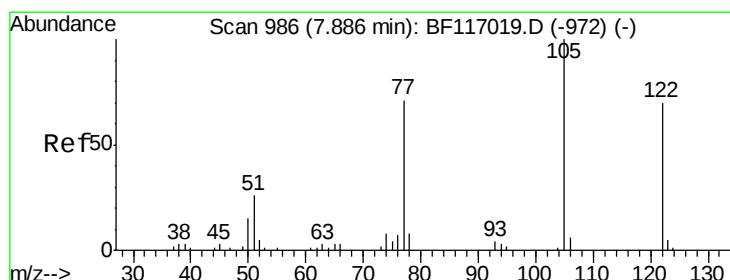
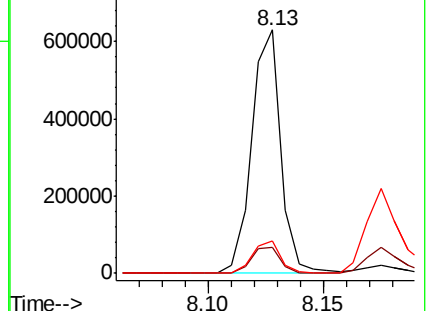
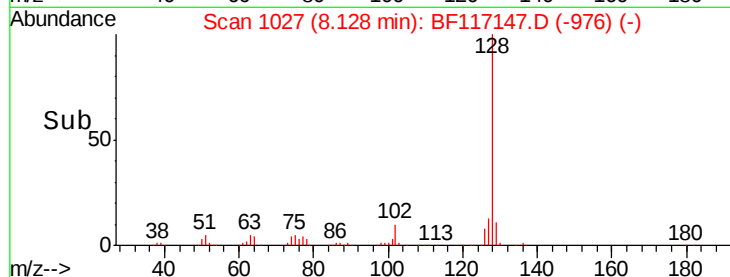
127 13.5 10.8 16.2



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: 31.793 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

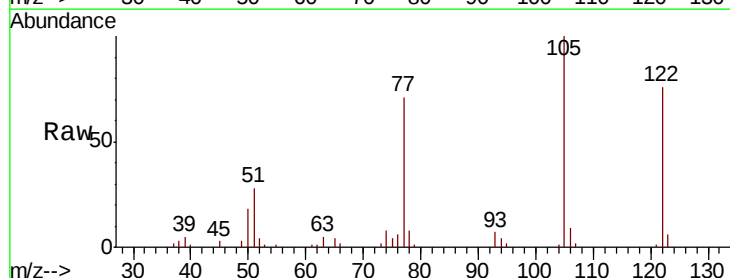
Tgt Ion:122 Resp: 85994

Ion Ratio Lower Upper

122 100

105 131.9 114.8 154.8

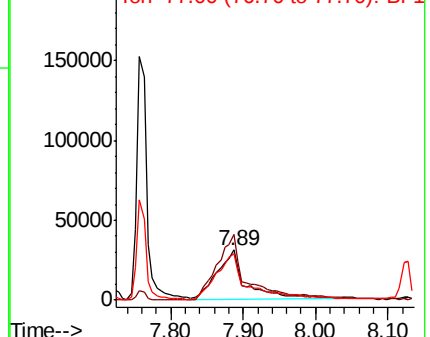
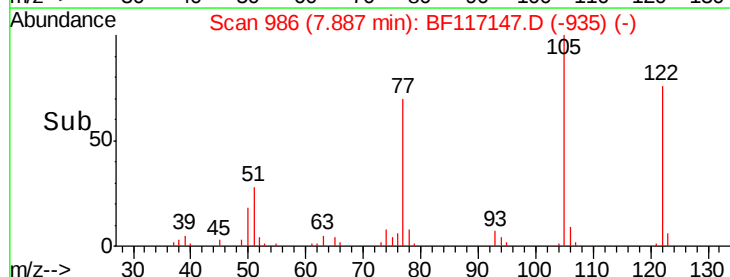
77 93.6 78.7 118.7

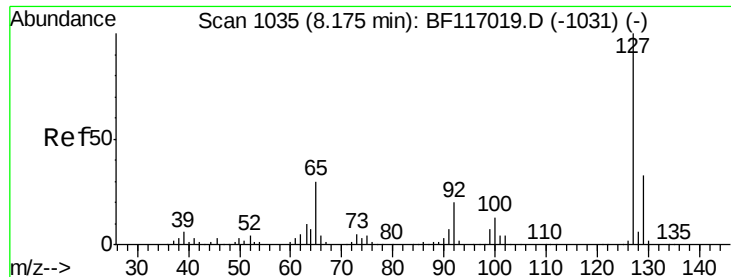


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

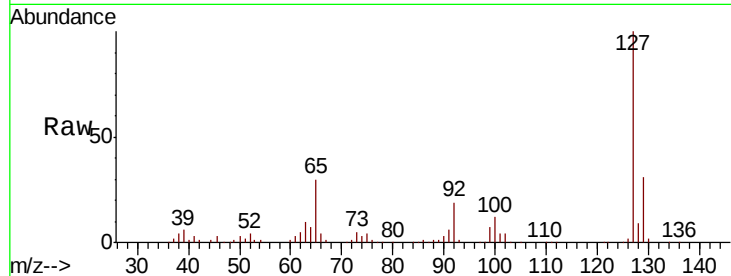




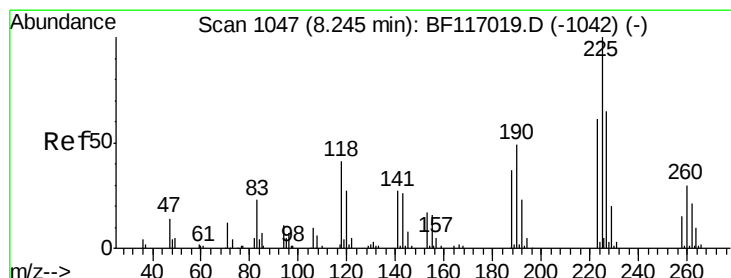
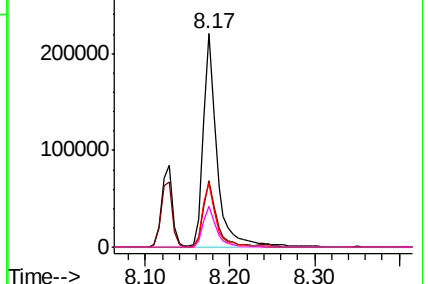
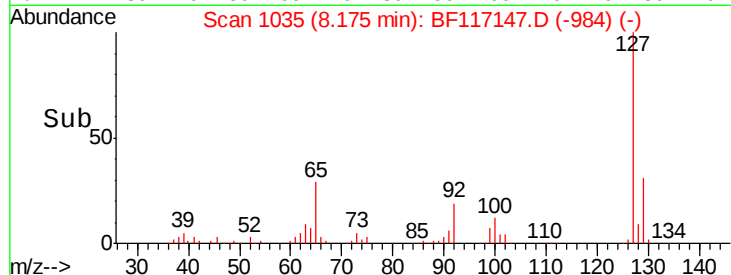
#33
4-Chloroaniline
Concen: 38.092 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	247441
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	30.2	23.5	35.3
92	19.5	15.9	23.9

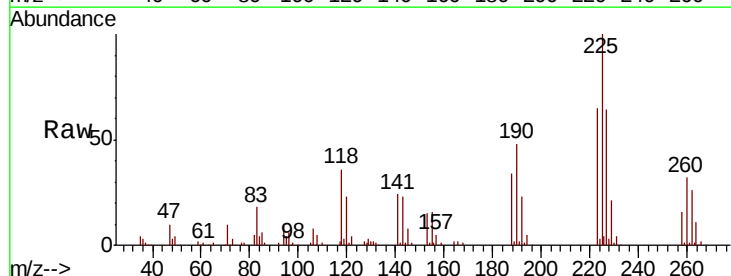


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

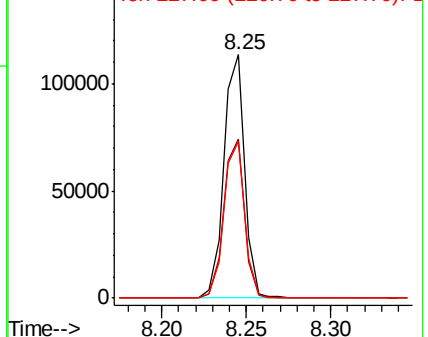
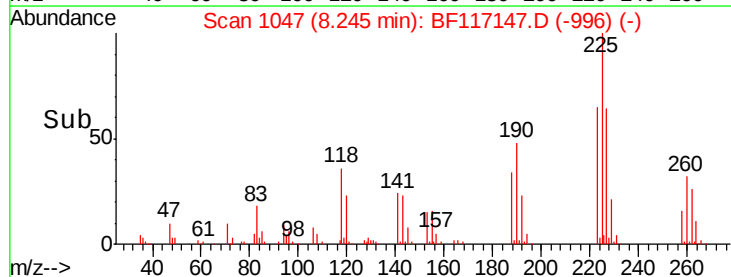


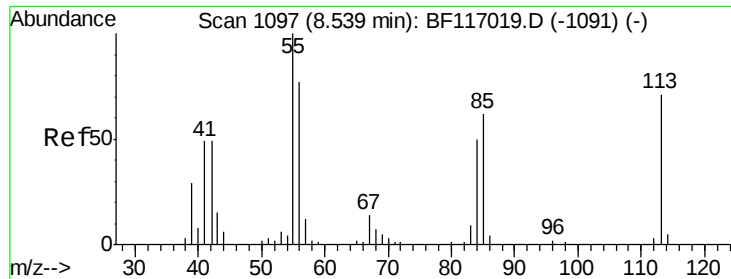
#34
Hexachlorobutadiene
Concen: 38.754 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:	225	Resp:	97037
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.1	73.7
227	64.5	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

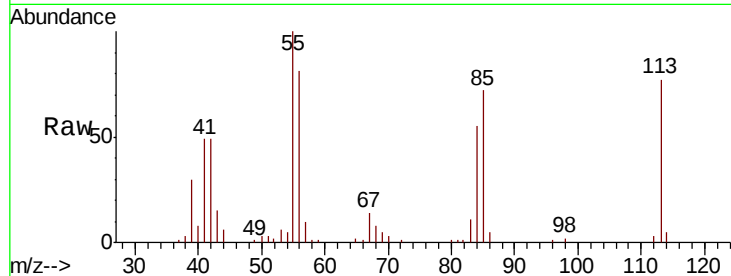




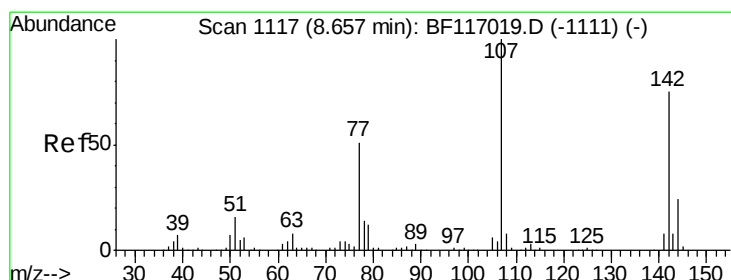
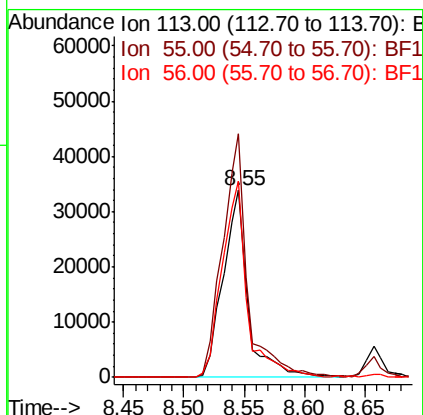
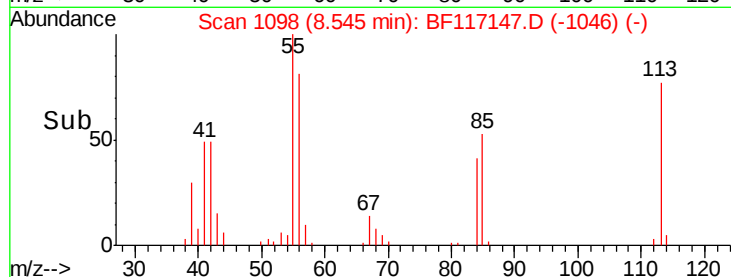
#35
Caprolactam
Concen: 34.785 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 48098
Ion Ratio Lower Upper
113 100
55 130.0 120.6 160.6
56 104.8 88.8 128.8

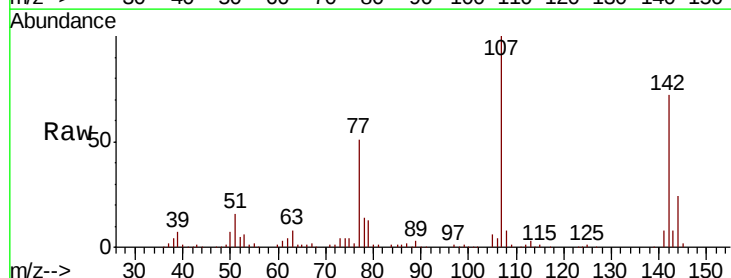


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

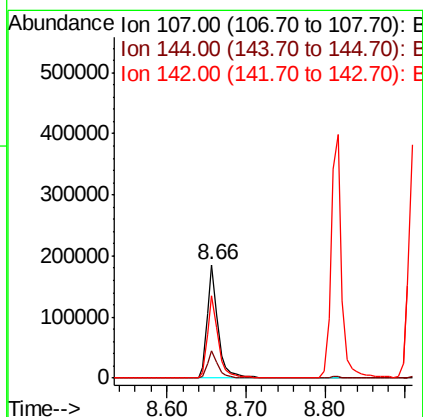
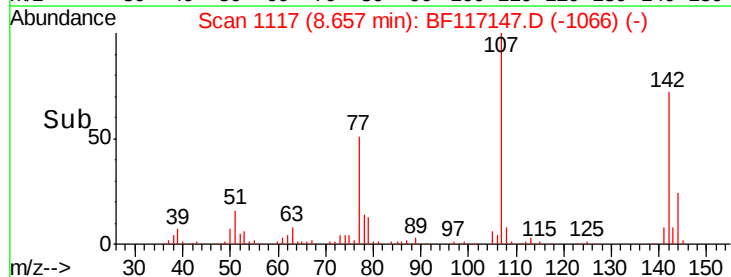


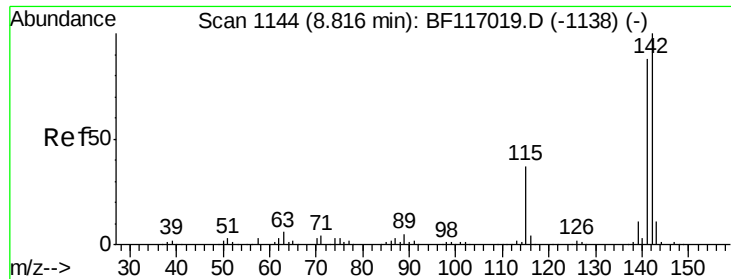
#36
4-Chloro-3-methylphenol
Concen: 37.727 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:107 Resp: 179705
Ion Ratio Lower Upper
107 100
144 23.7 19.2 28.8
142 72.4 59.6 89.4



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

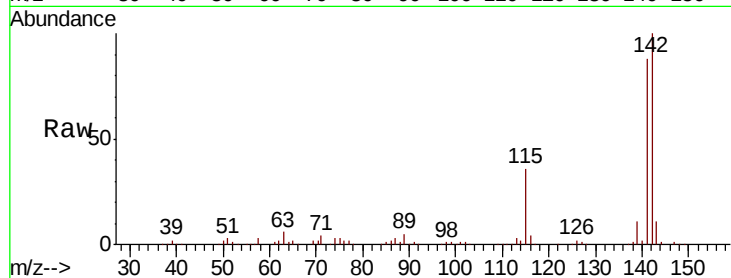




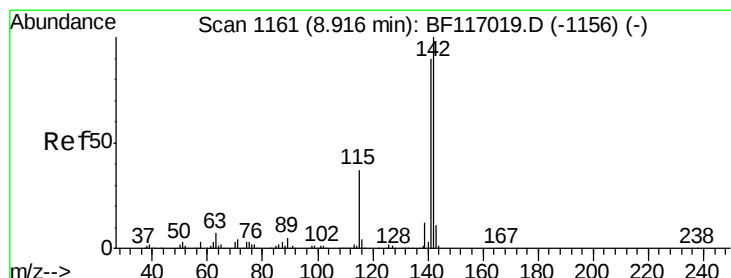
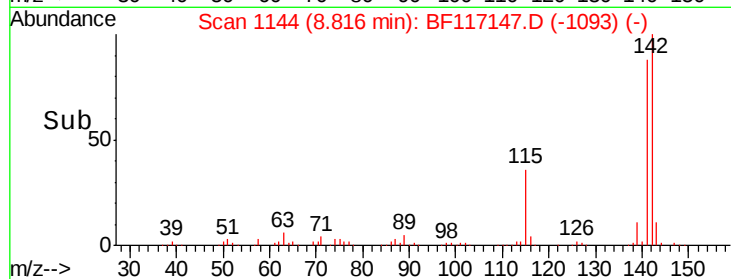
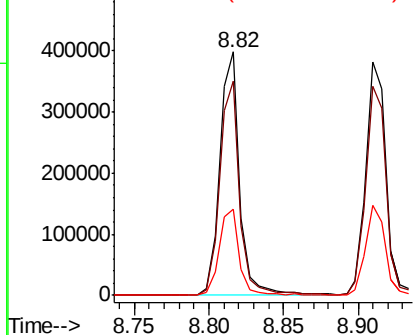
#37
2-Methylnaphthalene
Concen: 37.843 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 373224
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1
115 35.5 29.4 44.0

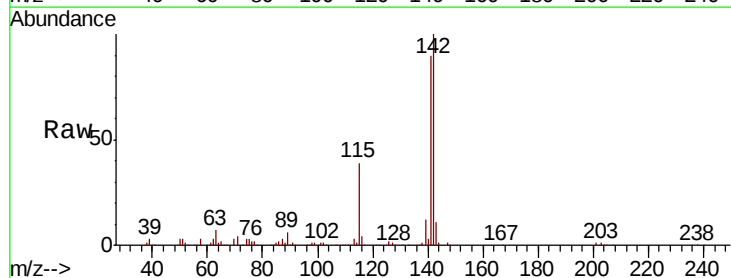


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

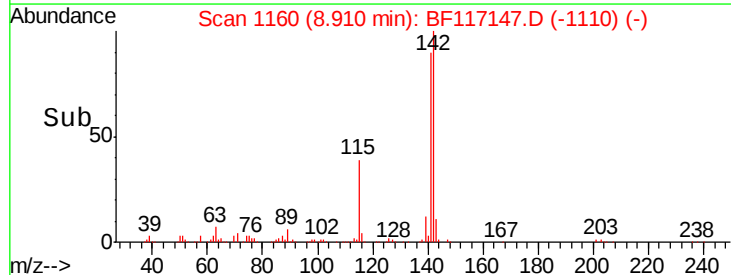
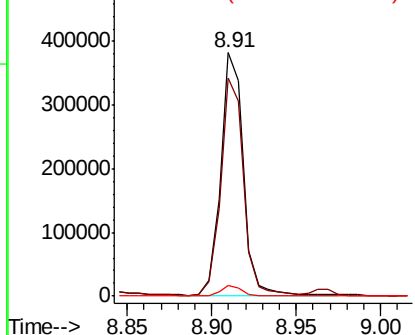


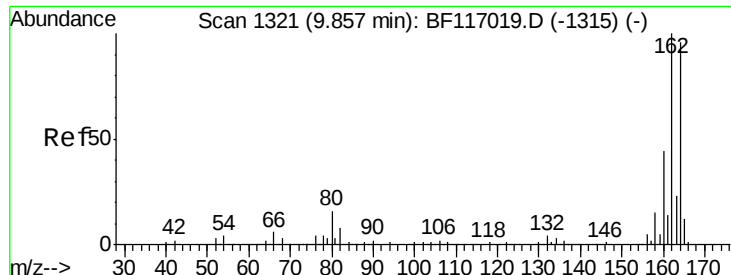
#38
1-Methylnaphthalene
Concen: 38.219 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:142 Resp: 353031
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9
116 4.2 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

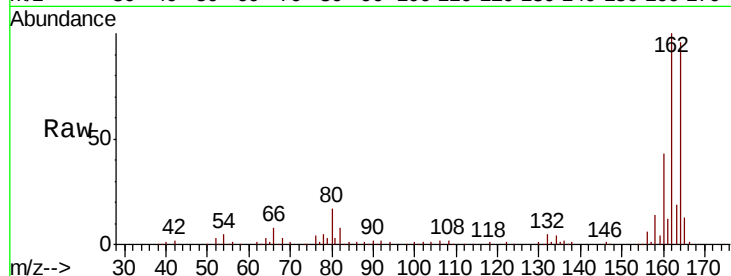
Tot Ion:164 Resp: 153097

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.2

160 45.3 36.4 54.6

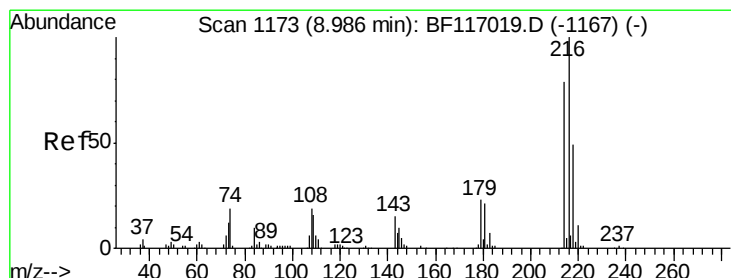
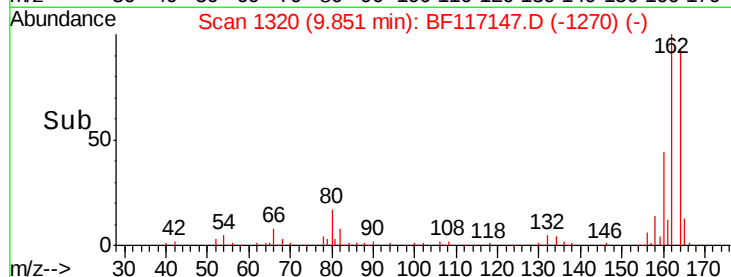
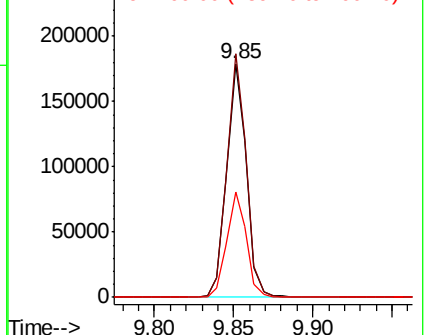


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.523 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Tgt Ion:216 Resp: 156248

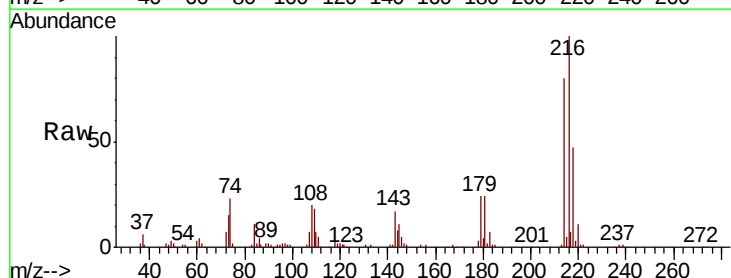
Ion Ratio Lower Upper

216 100

214 79.7 63.6 95.4

179 23.5 18.3 27.5

108 21.8 17.8 26.6



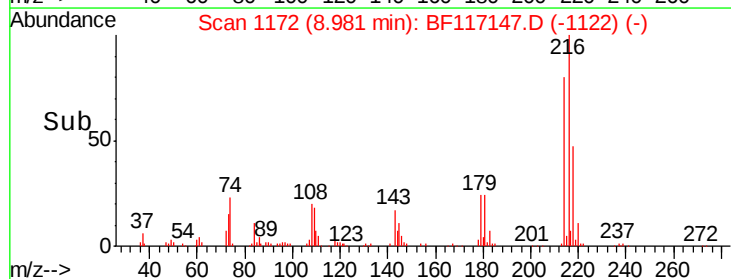
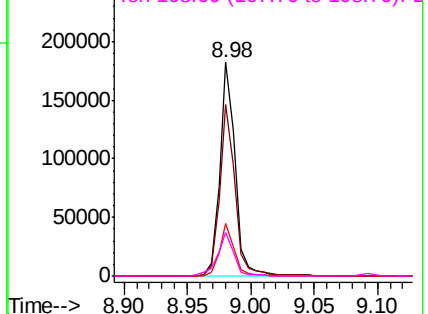
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.400 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

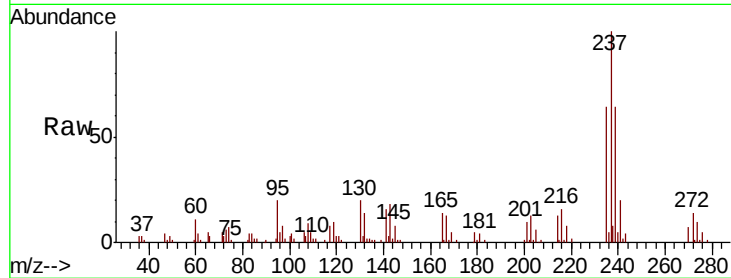
Tot Ion:237 Resp: 53385

Ion Ratio Lower Upper

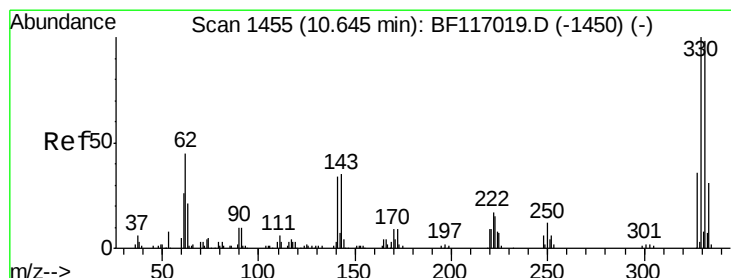
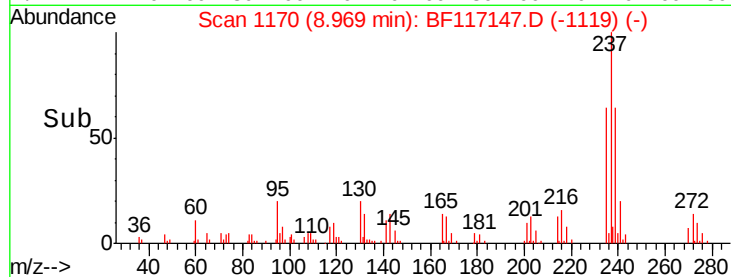
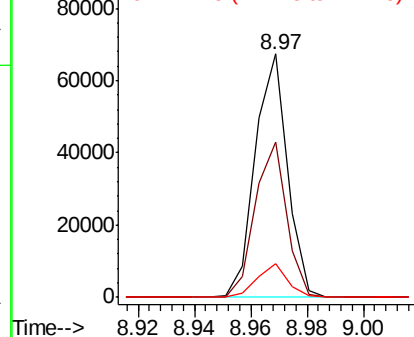
237 100

235 63.9 43.2 83.2

272 13.7 0.0 31.9



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



#42

2,4,6-Tribromophenol

Concen: 75.898 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

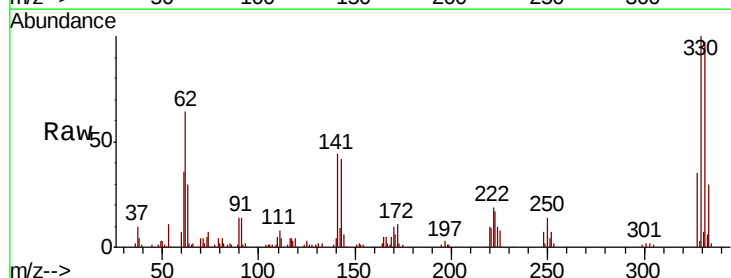
Tgt Ion:330 Resp: 97114

Ion Ratio Lower Upper

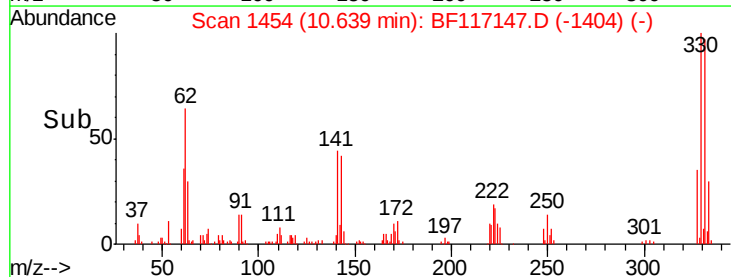
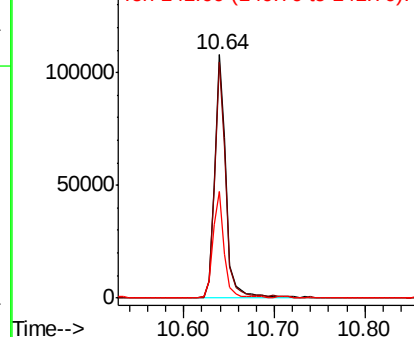
330 100

332 95.3 78.0 117.0

141 43.3 35.8 53.6



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

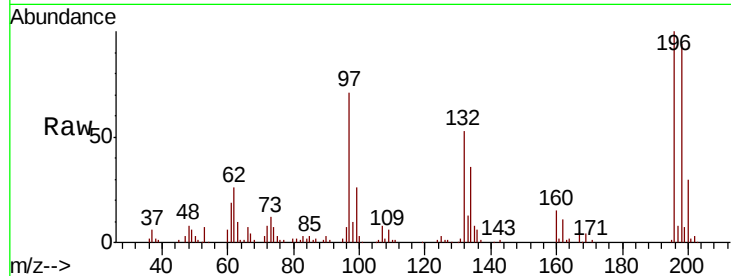




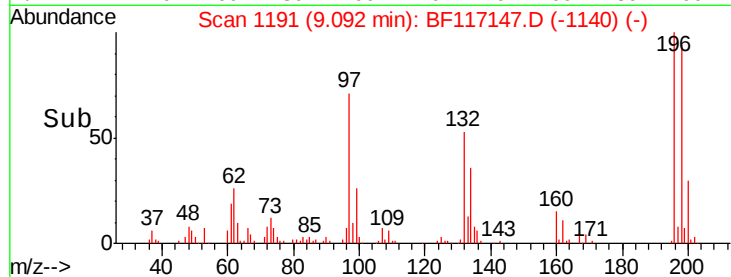
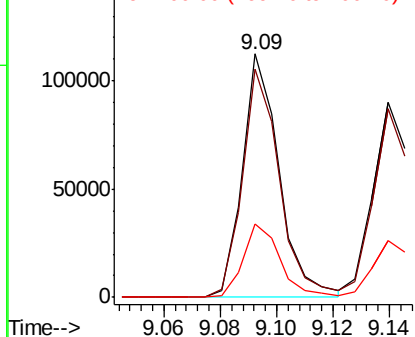
#43
 2,4,6-Trichlorophenol
 Concen: 37.774 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 101344
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 30.3 23.3 34.9



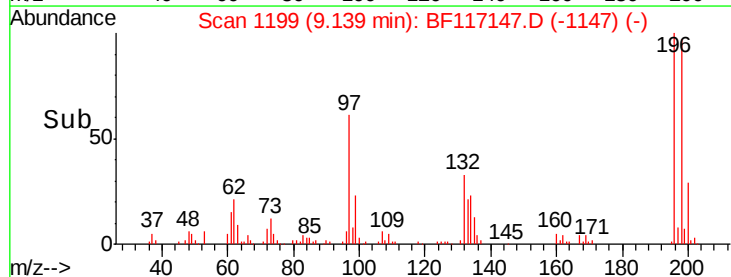
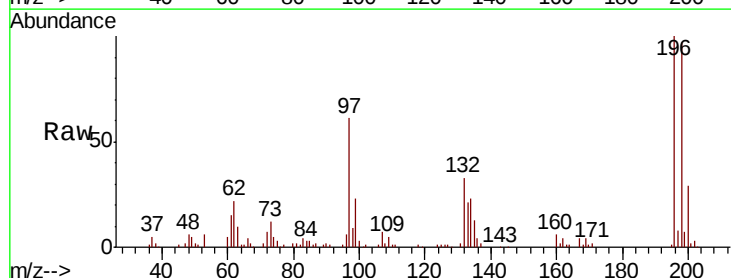
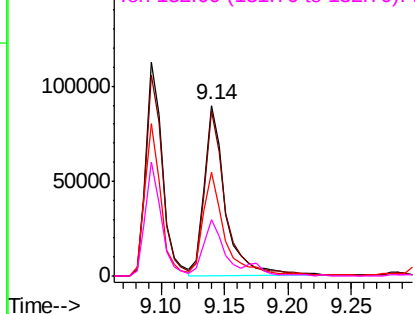
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

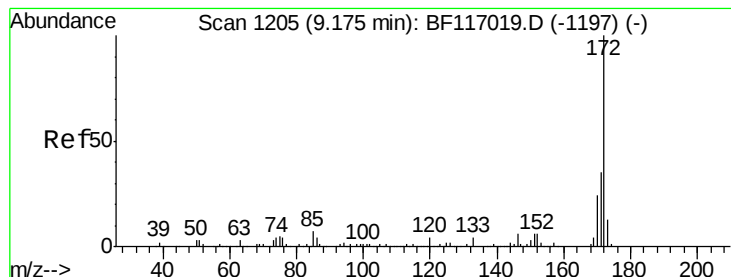


#44
 2,4,5-Trichlorophenol
 Concen: 35.859 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion:196 Resp: 102786
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.6 112.0
 97 60.7 49.5 74.3
 132 33.0 27.4 41.2

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





#45

2-Fluorobiphenyl

Concen: 78.565 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

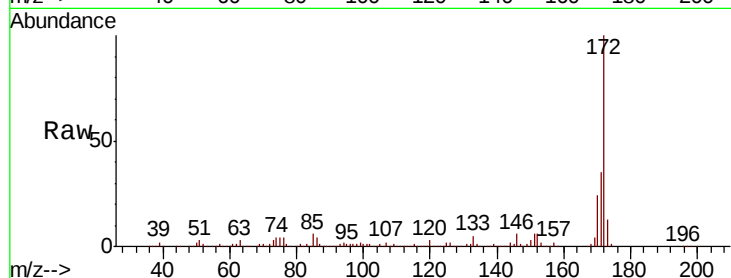
Tot Ion:172 Resp: 769271

Ion Ratio Lower Upper

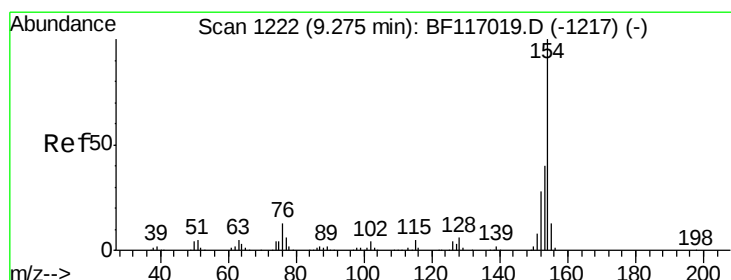
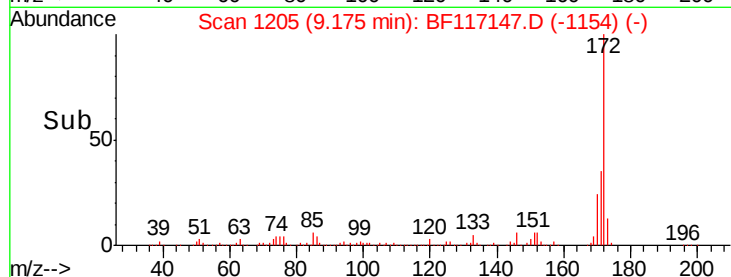
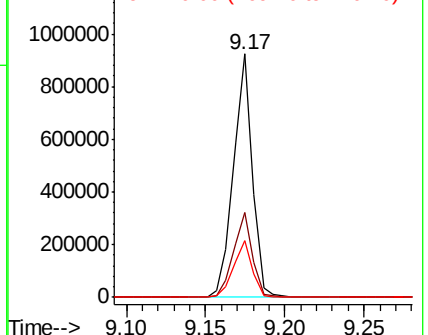
172 100

171 34.9 28.2 42.2

170 23.5 18.9 28.3



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: 38.959 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

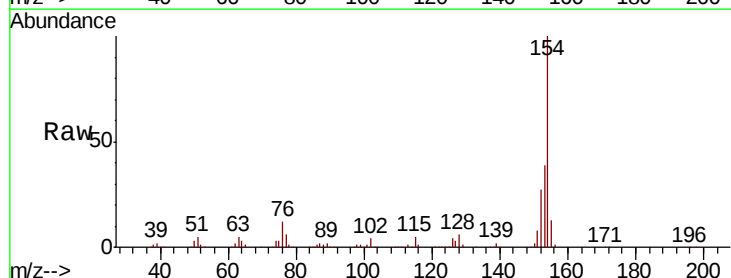
Tgt Ion:154 Resp: 467851

Ion Ratio Lower Upper

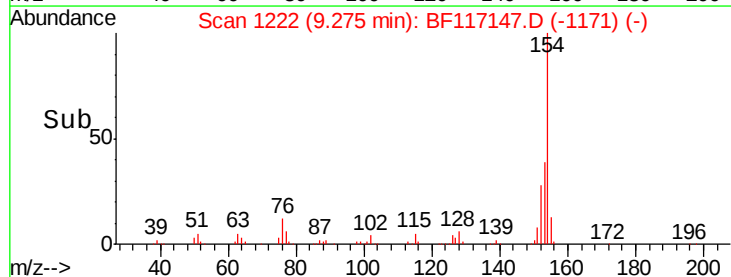
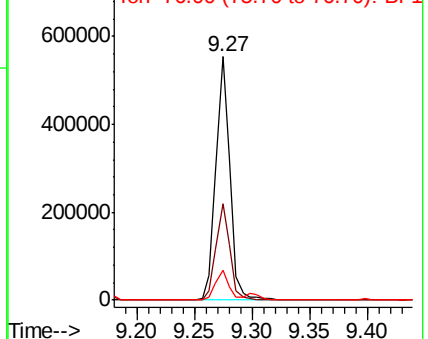
154 100

153 39.4 20.0 60.0

76 12.0 0.0 32.7



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

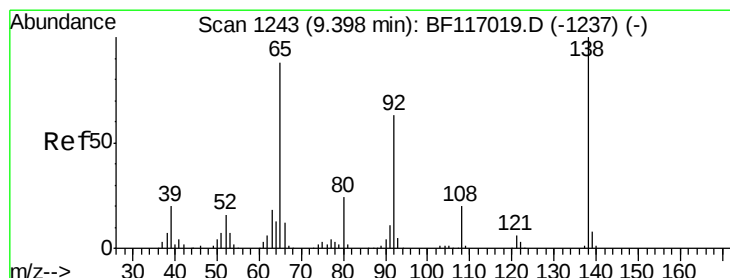
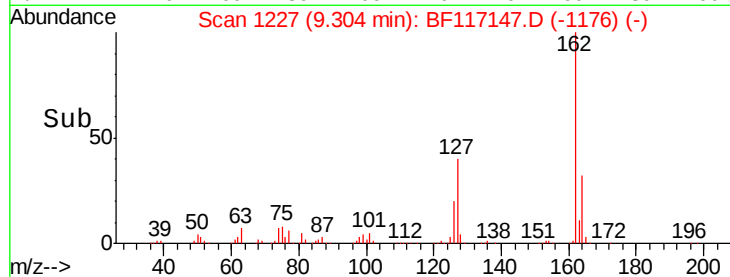
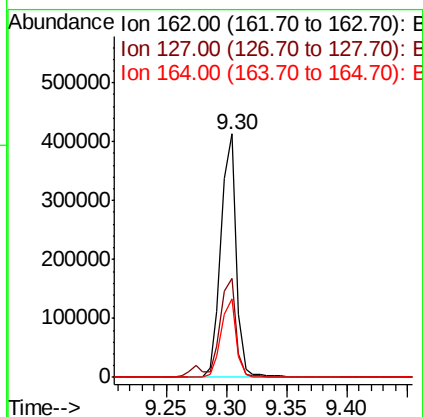
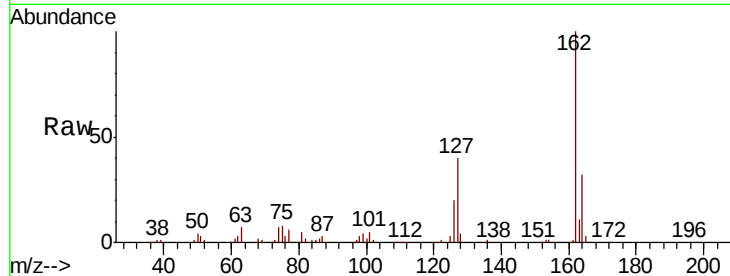




#47
 2-Chloronaphthalene
 Concen: 38.329 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

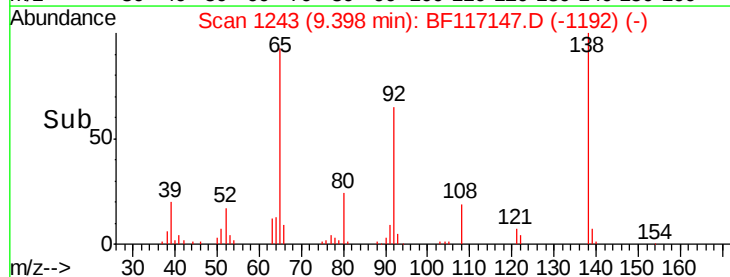
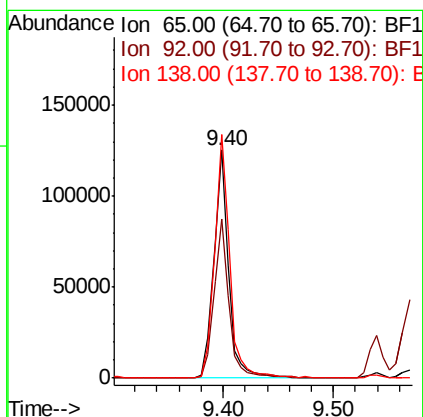
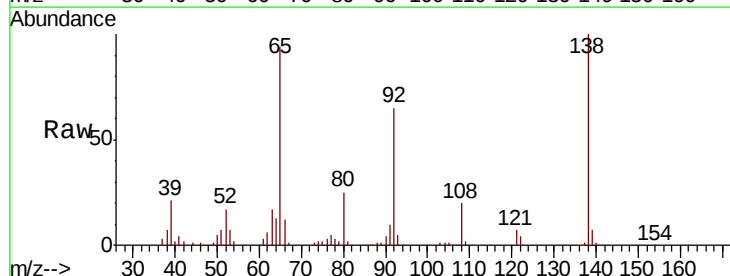
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.1	51.1
164	32.4	25.9	38.9



#48
 2-Nitroaniline
 Concen: 37.856 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	57.5	86.3
138	106.8	90.6	136.0





#49

Acenaphthylene

Concen: 38.110 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

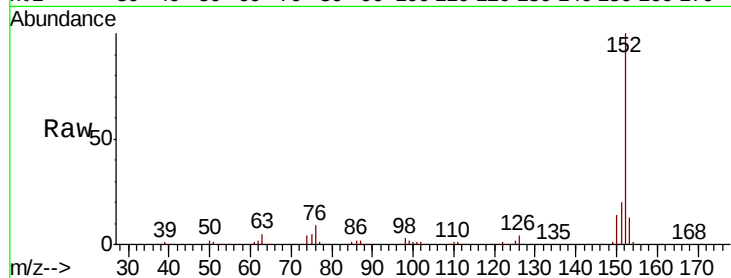
Tot Ion:152 Resp: 541079

Ion Ratio Lower Upper

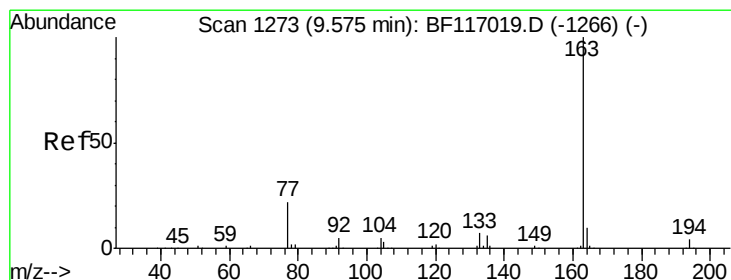
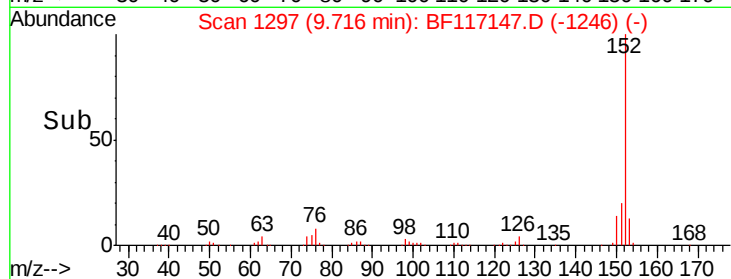
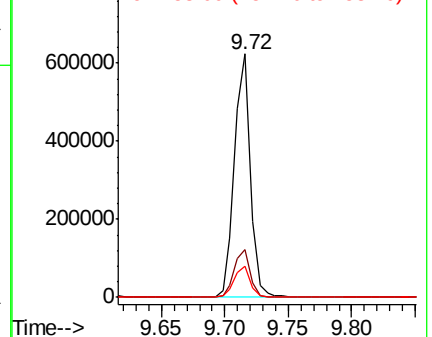
152 100

151 19.6 16.2 24.2

153 12.8 10.2 15.4



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: 36.976 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

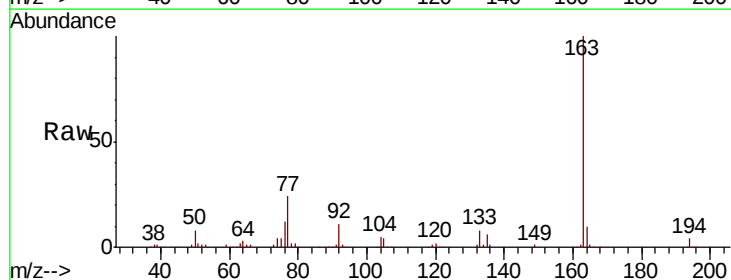
Tgt Ion:163 Resp: 400819

Ion Ratio Lower Upper

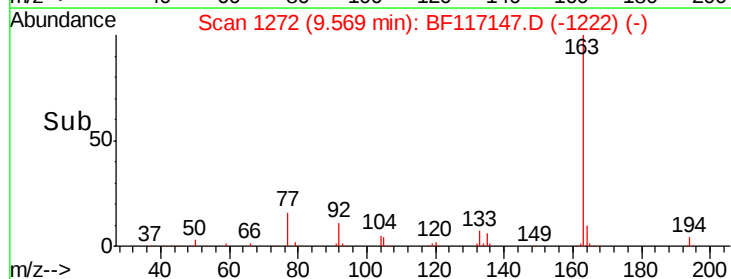
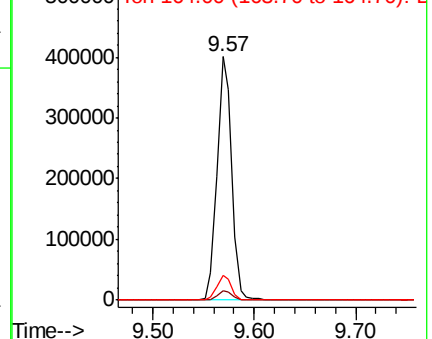
163 100

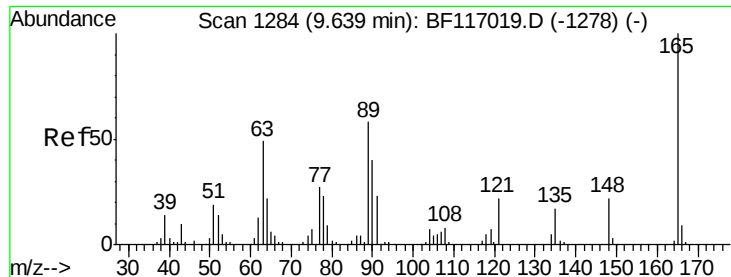
194 3.7 2.9 4.3

164 10.4 8.2 12.4



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

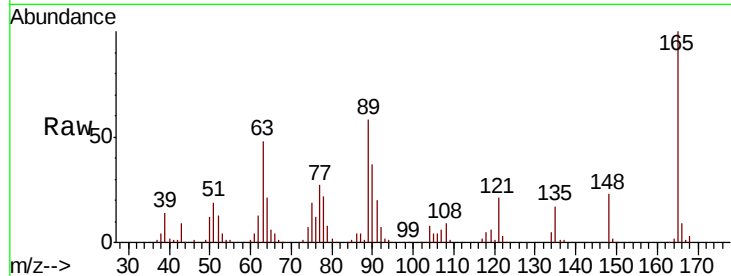




#51
 2,6-Dinitrotoluene
 Concen: 39.175 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.8	62.8
89	57.8	46.5	69.7

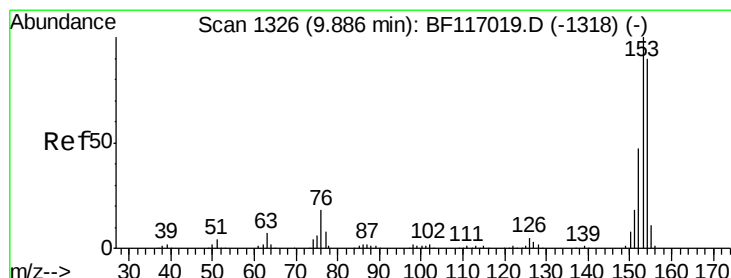
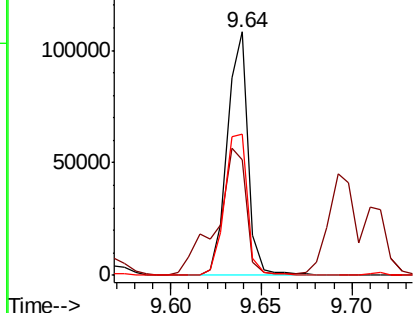
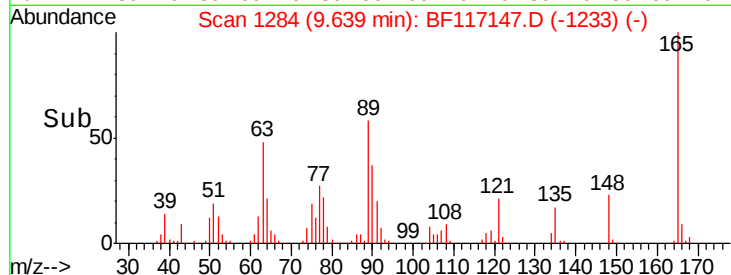


Abundance

Ion 165.00 (164.70 to 165.70): E

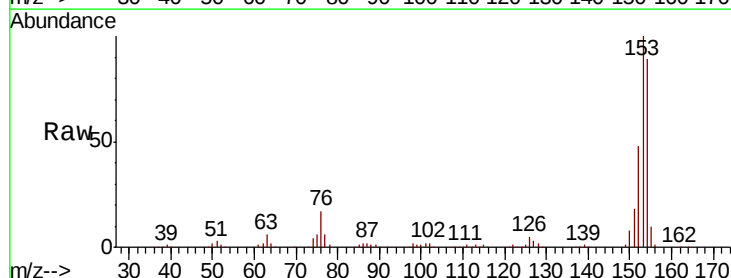
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 37.291 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.6
152	53.3	41.9	62.9

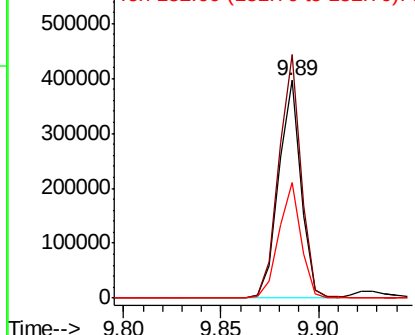
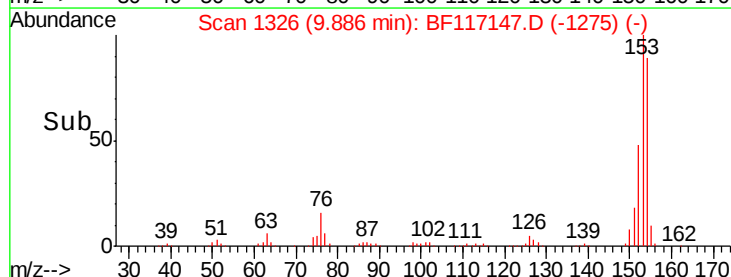


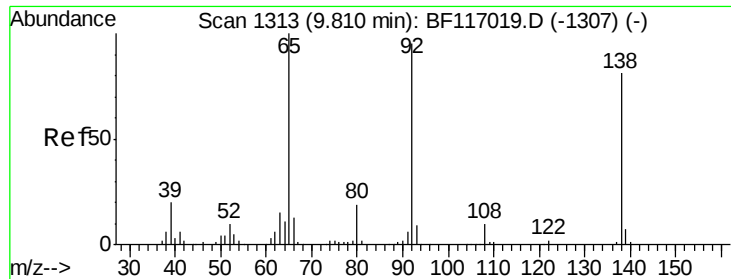
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

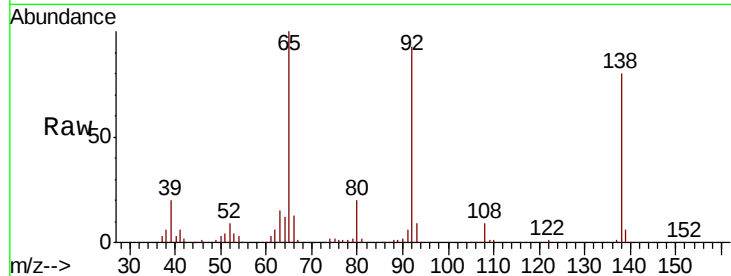




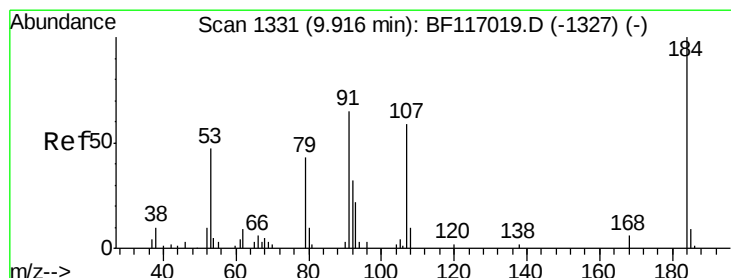
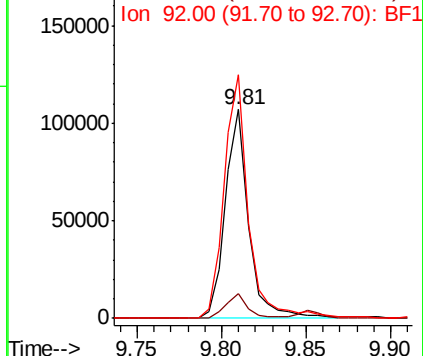
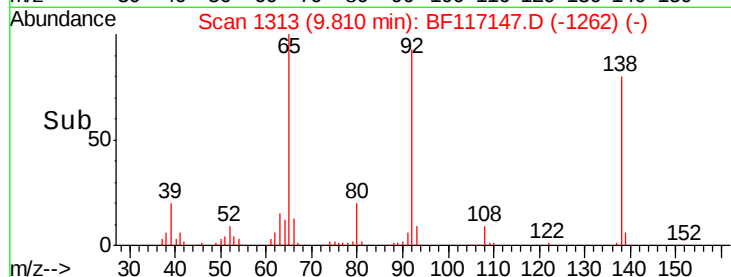
#53
3-Nitroaniline
Concen: 37.004 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 103076
Ion Ratio Lower Upper
138 100
108 11.7 9.5 14.3
92 116.7 94.1 141.1

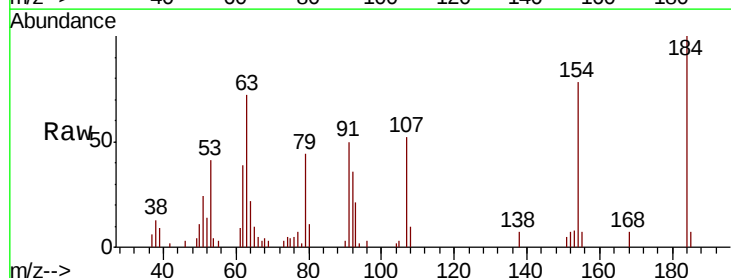


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

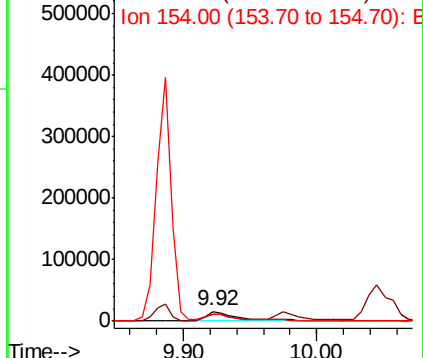
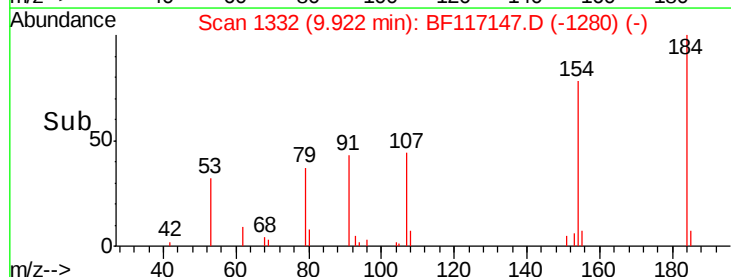


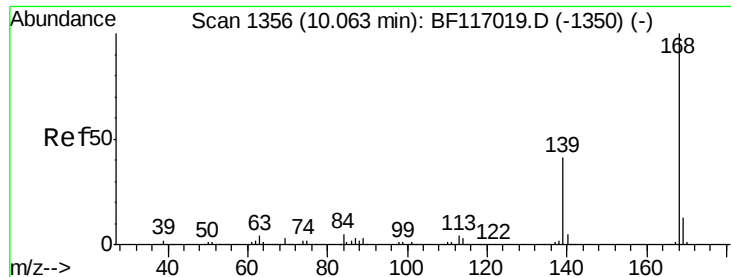
#54
2,4-Dinitrophenol
Concen: 33.832 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:184 Resp: 26556
Ion Ratio Lower Upper
184 100
63 71.9 63.8 95.6
154 77.9 60.4 90.6



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

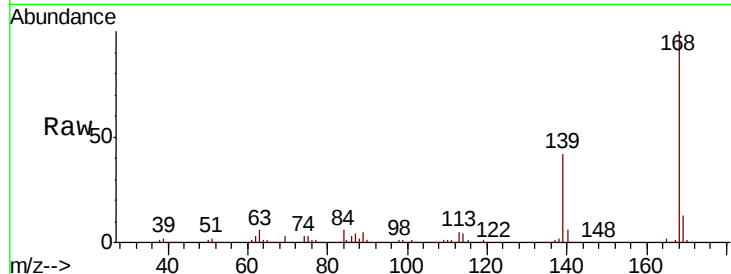




#55
Dibenzenofuran
Concen: 38.138 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	13.3	10.5	15.7

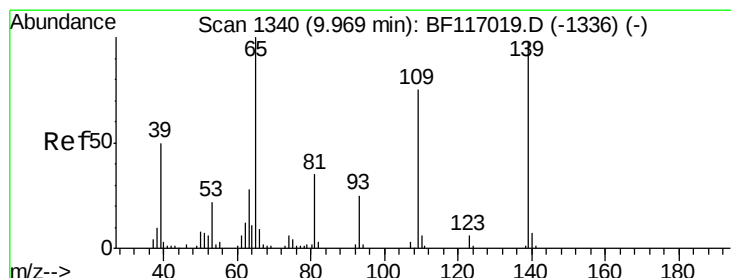
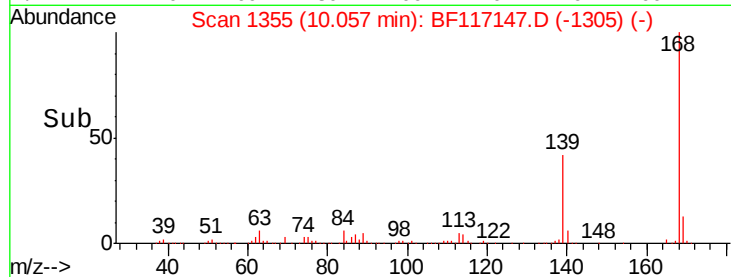
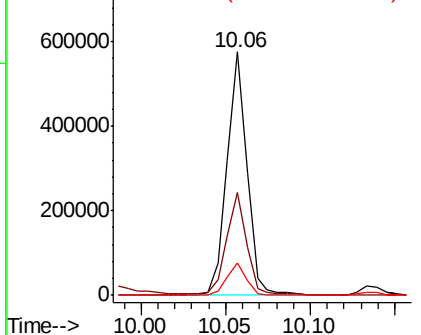


Abundance

Ion 168.00 (167.70 to 168.70): E

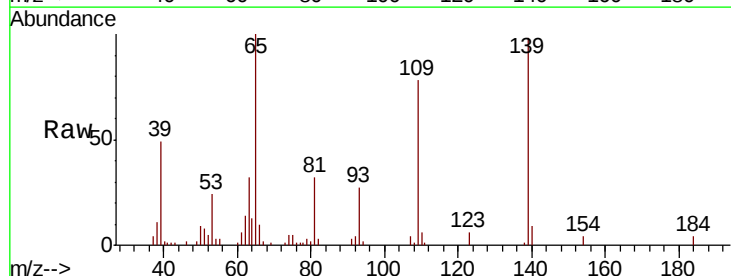
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 36.239 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.2	56.4	96.4
65	102.2	82.5	122.5

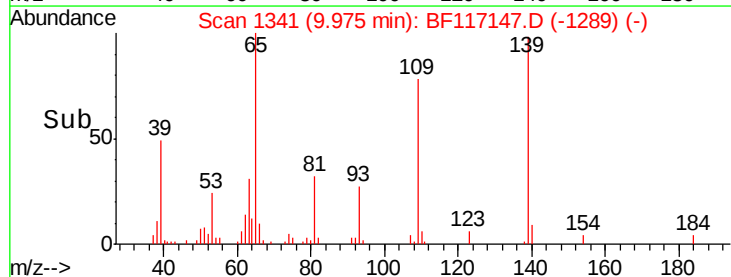
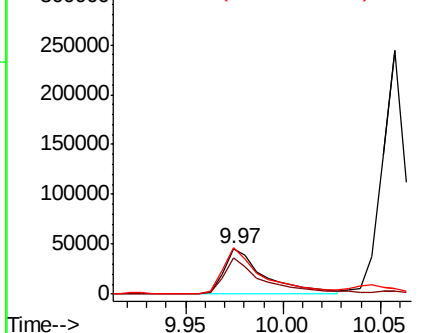


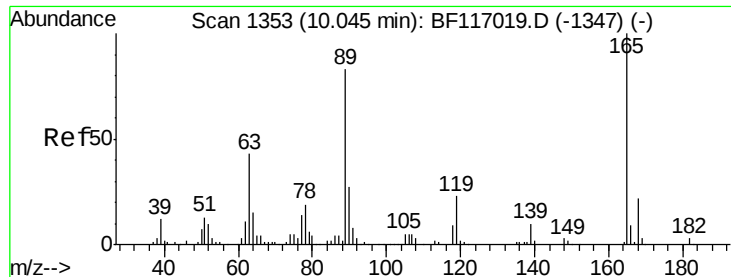
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

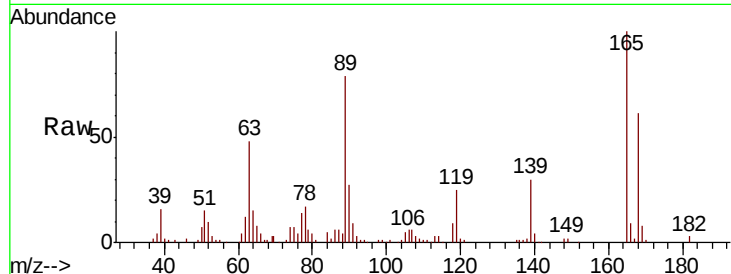




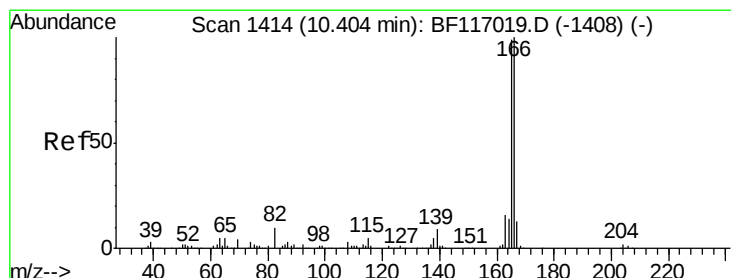
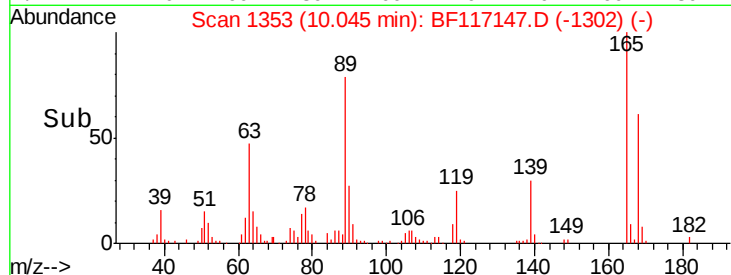
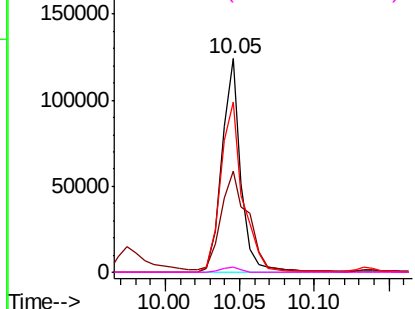
#57
2,4-Dinitrotoluene
Concen: 38.806 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	35.0	52.4
89	79.5	66.1	99.1
182	2.6	2.0	3.0

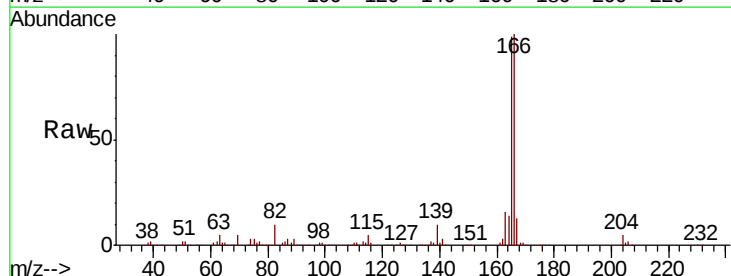


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

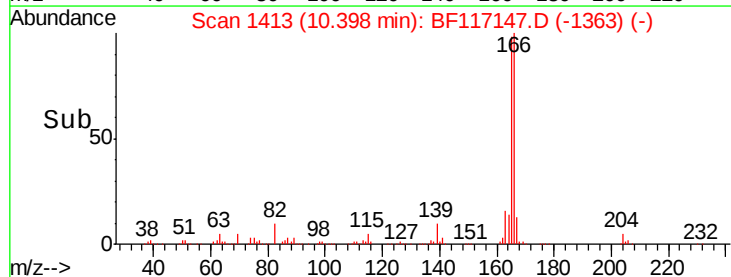
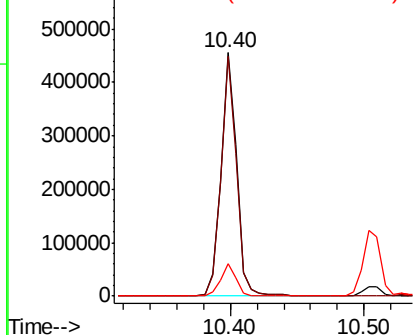


#58
Fluorene
Concen: 37.868 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.9	118.3
167	13.3	10.6	15.8



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

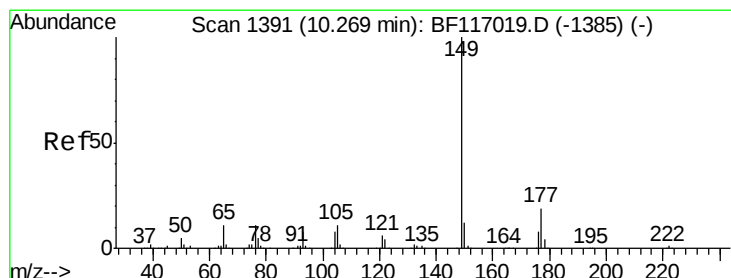
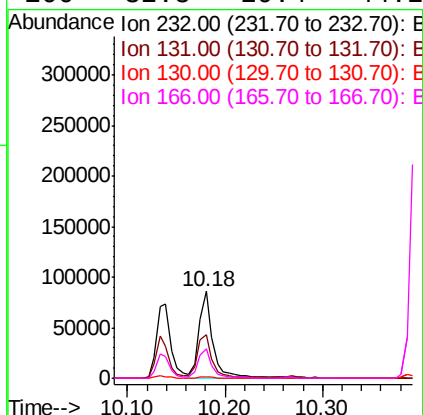
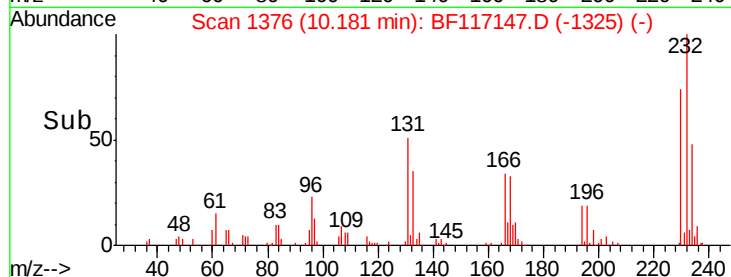
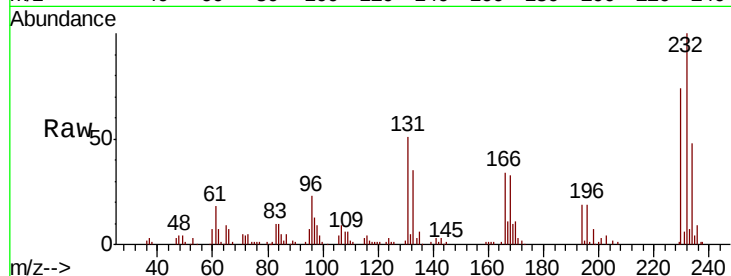




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.802 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

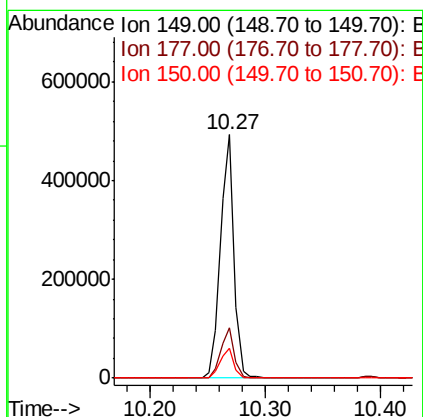
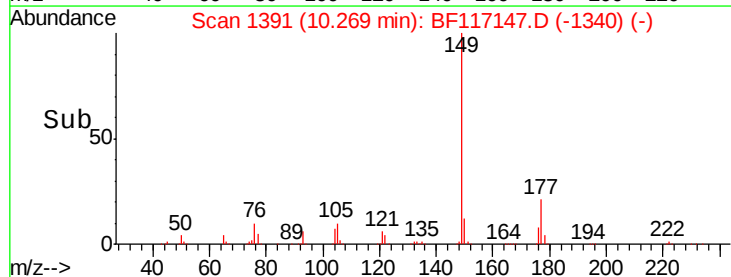
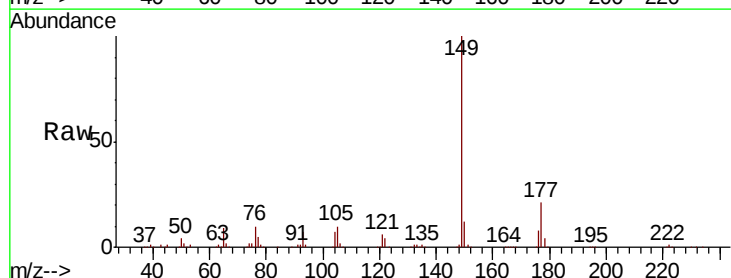
Instrument :
 BNA_F
 ClientSampleId :

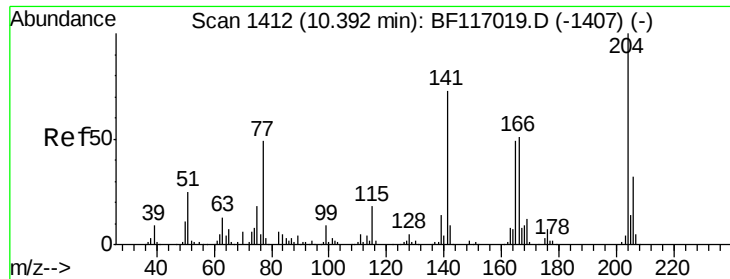
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.9	45.3	67.9
130	2.1	1.8	2.8
166	32.8	29.4	44.2



#60
 Diethylphthalate
 Concen: 37.627 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.2	22.8
150	12.3	9.9	14.9

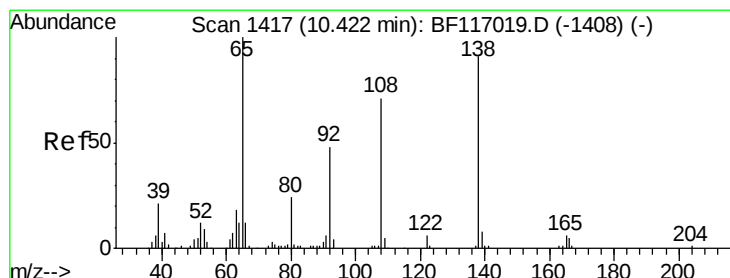
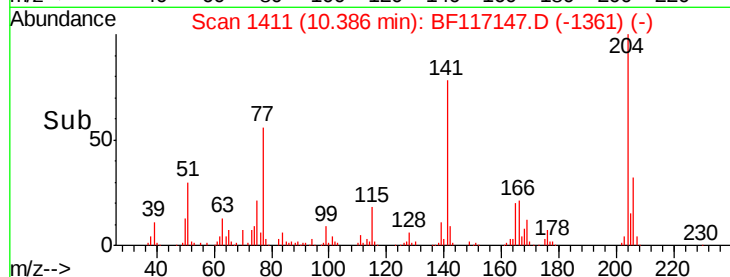
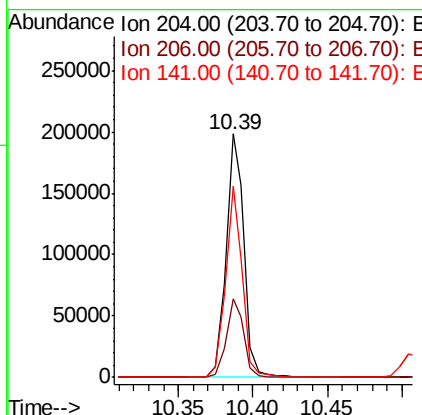
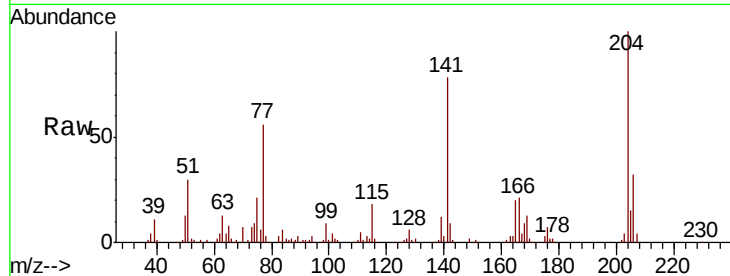




#61
4-Chlorophenyl-phenylether
Concen: 38.861 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

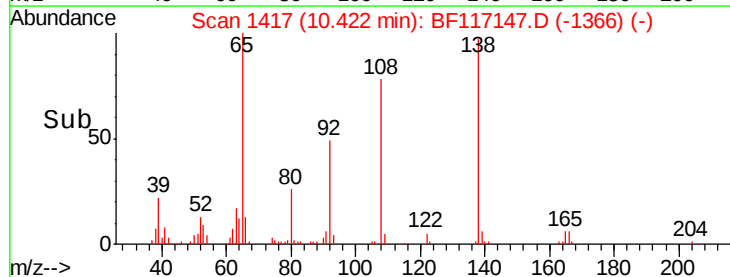
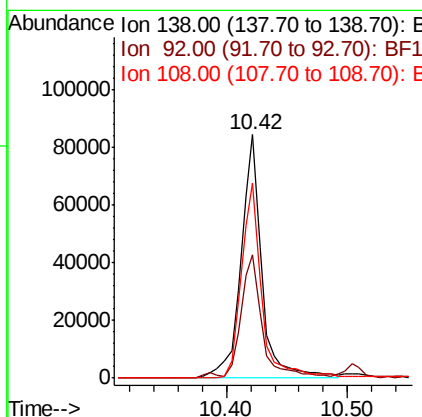
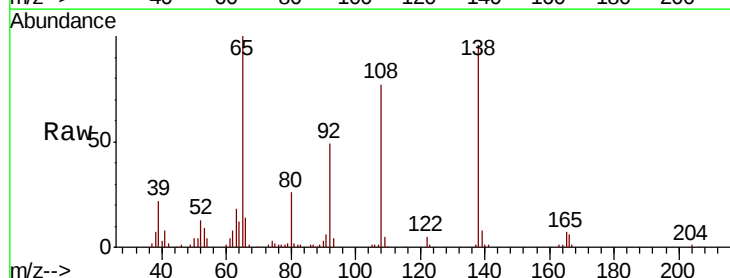
Instrument :
BNA_F
ClientSampleId :

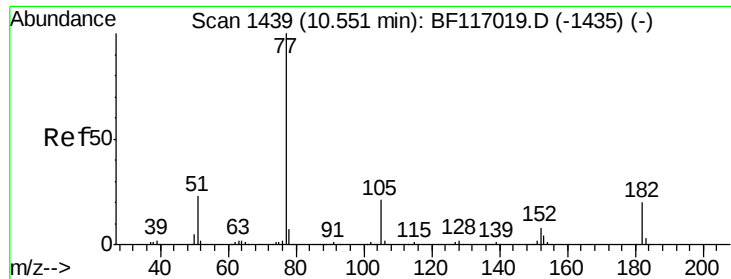
Tot Ion:204 Resp: 168186
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 78.3 58.2 87.2



#62
4-Nitroaniline
Concen: 35.151 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:138 Resp: 101825
Ion Ratio Lower Upper
138 100
92 50.7 32.9 72.9
108 80.3 58.3 98.3





#63

Azobenzene

Concen: 37.107 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 404182

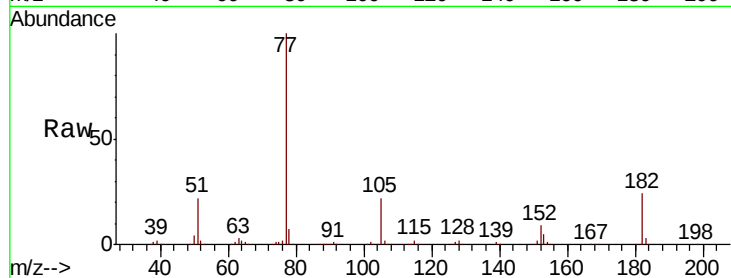
Ion Ratio Lower Upper

77 100

182 24.4 0.4 40.4

105 22.0 0.9 40.9

51 22.0 2.8 42.8

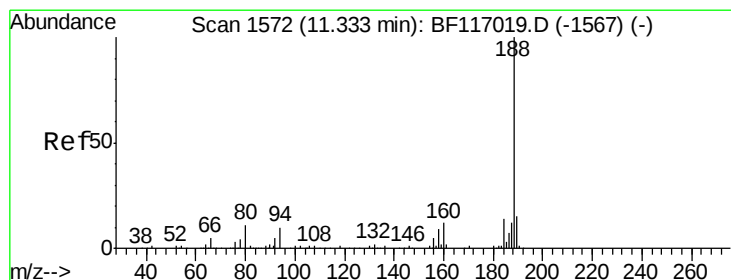
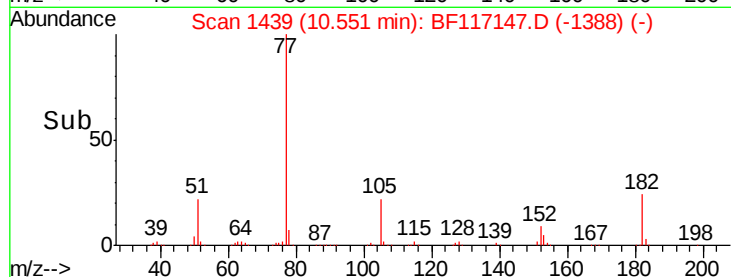
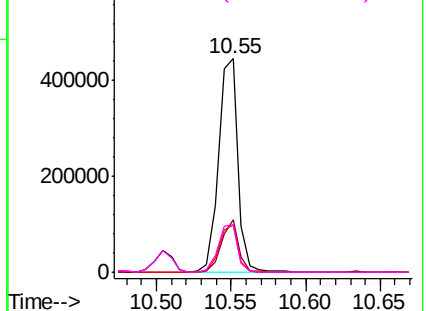


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

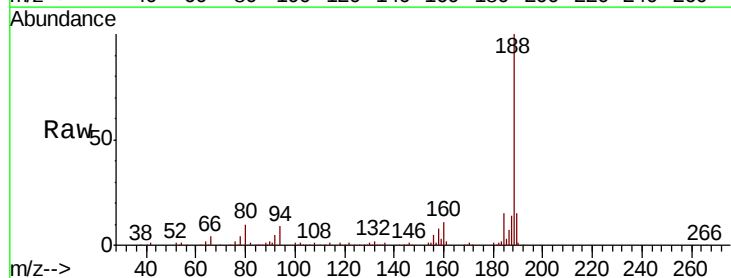
Tgt Ion: 188 Resp: 237121

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

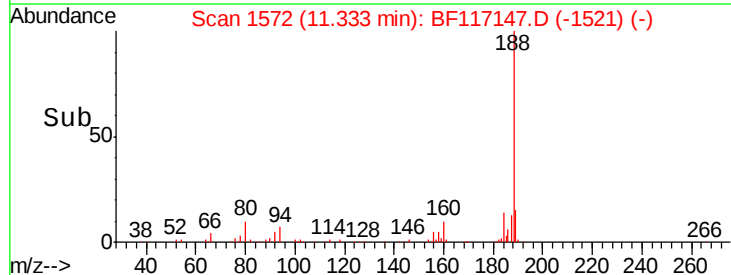
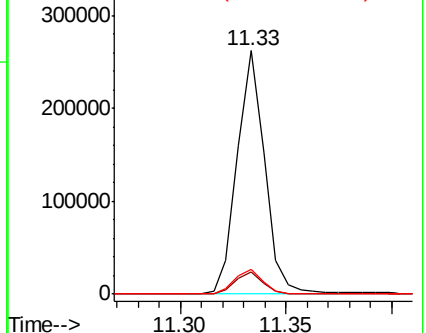
80 10.0 9.0 13.6



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

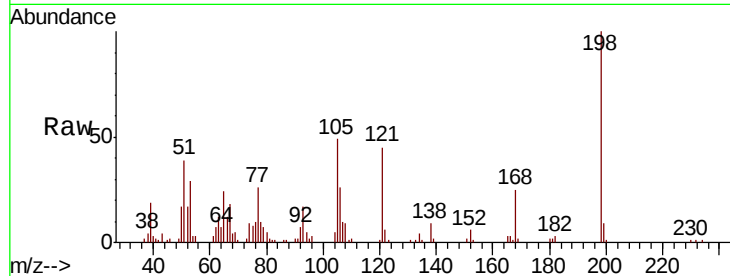




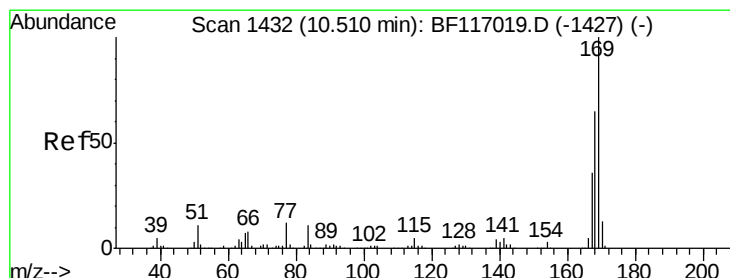
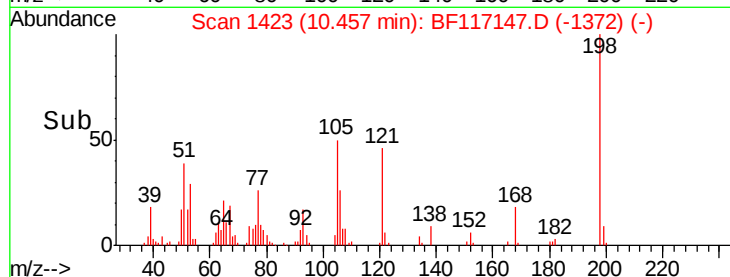
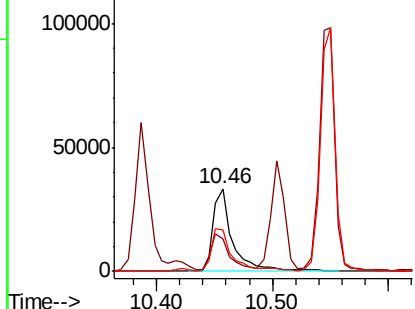
#65
4,6-Dinitro-2-methylphenol
Concen: 37.957 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 39187
Ion Ratio Lower Upper
198 100
51 39.1 18.7 58.7
105 49.3 30.2 70.2

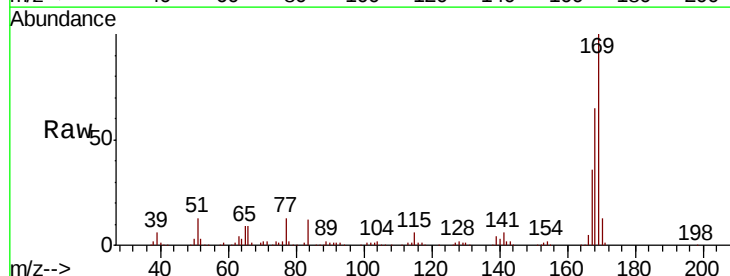


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

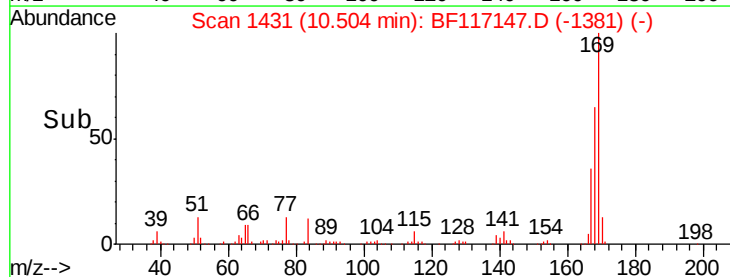
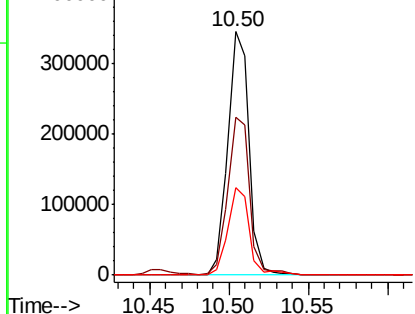


#66
n-Nitrosodiphenylamine
Concen: 39.207 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:169 Resp: 321071
Ion Ratio Lower Upper
169 100
168 65.0 52.2 78.2
167 35.7 28.8 43.2



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

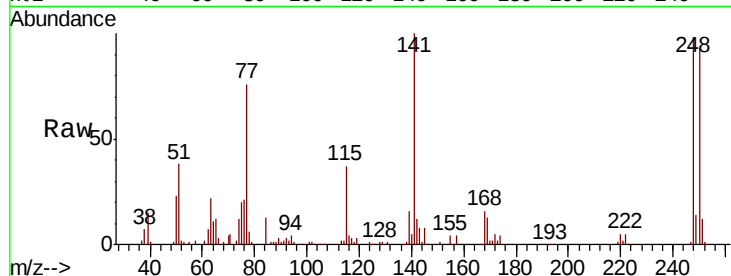




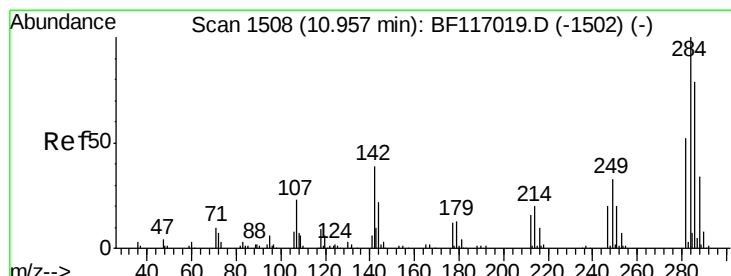
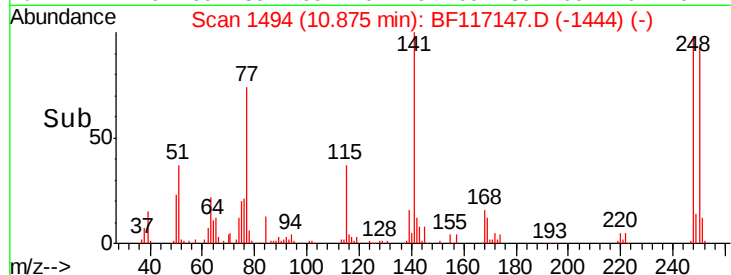
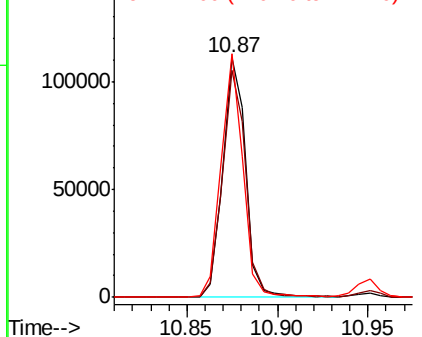
#67
 4-Bromophenyl-phenylether
 Concen: 40.222 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 97401
 Ion Ratio Lower Upper
 248 100
 250 94.8 76.2 114.4
 141 101.7 75.0 112.4

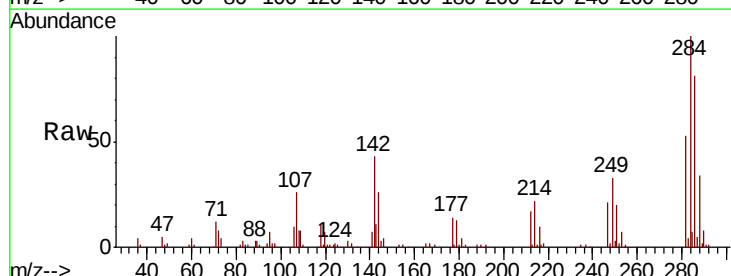


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

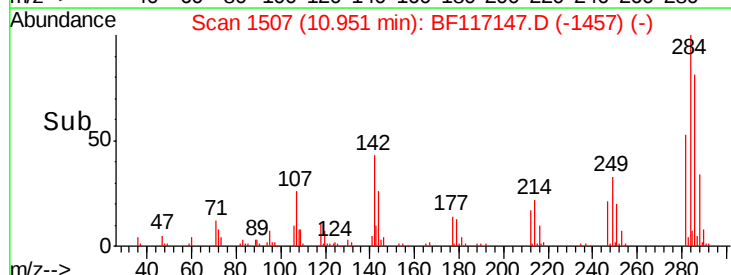
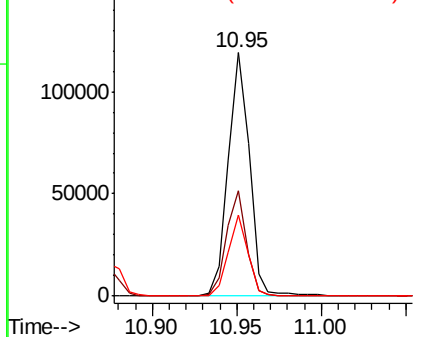


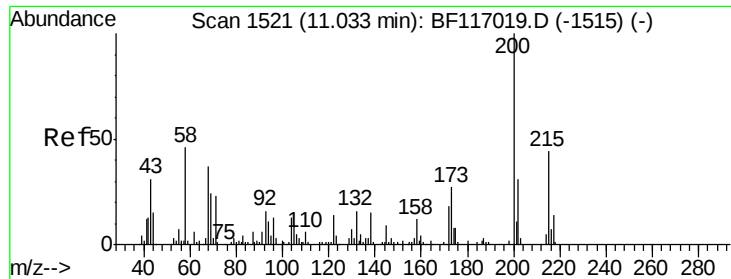
#68
 Hexachlorobenzene
 Concen: 39.285 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion:284 Resp: 104050
 Ion Ratio Lower Upper
 284 100
 142 43.1 31.4 47.2
 249 33.1 26.5 39.7



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: 37.386 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

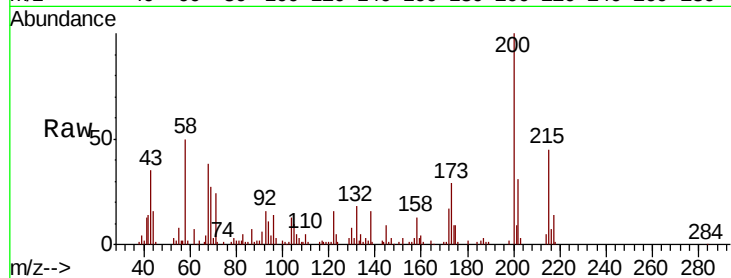
Tot Ion:200 Resp: 79737

Ion Ratio Lower Upper

200 100

173 29.1 6.9 46.9

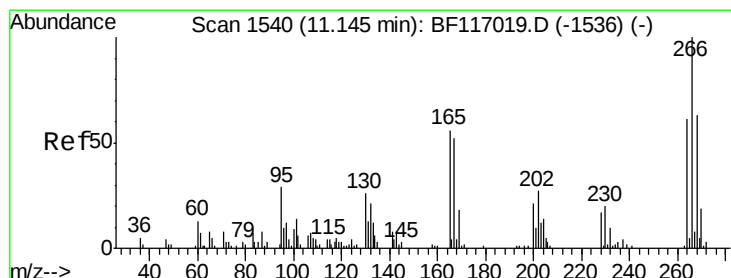
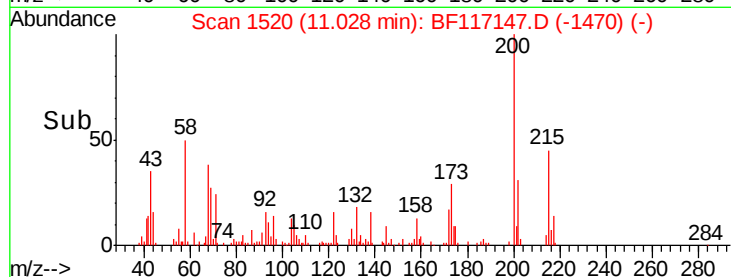
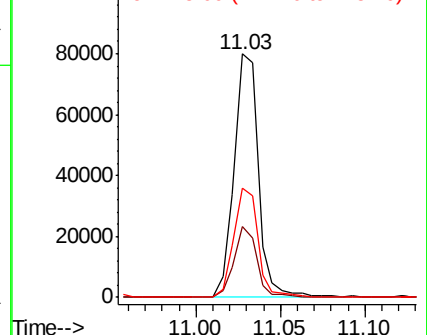
215 44.6 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 28.839 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

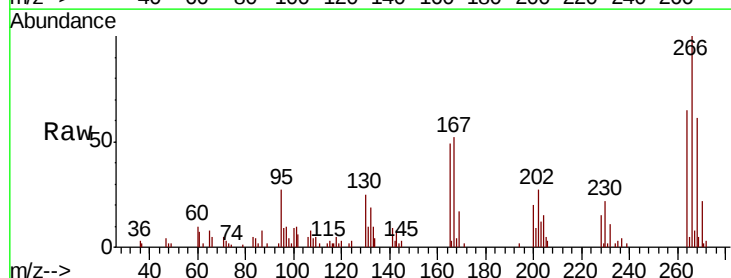
Tgt Ion:266 Resp: 35804

Ion Ratio Lower Upper

266 100

268 61.5 50.5 75.7

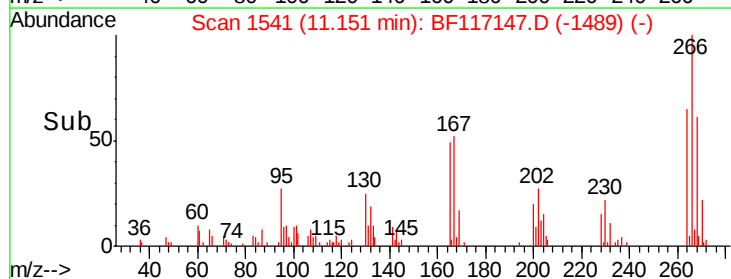
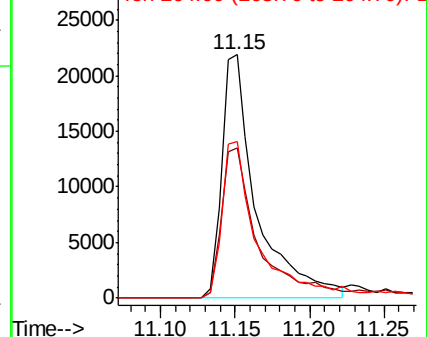
264 64.5 48.8 73.2

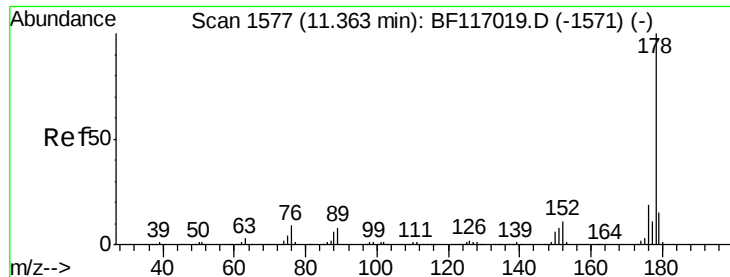


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

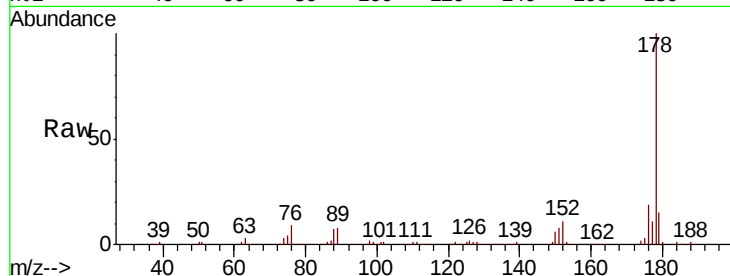




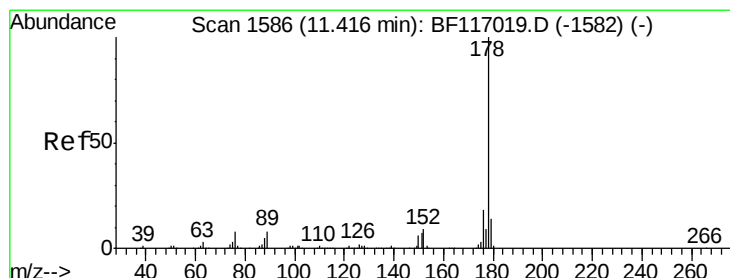
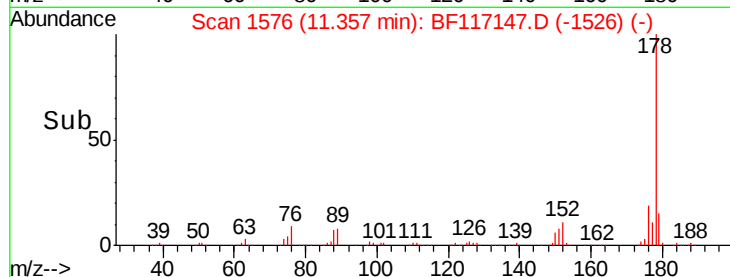
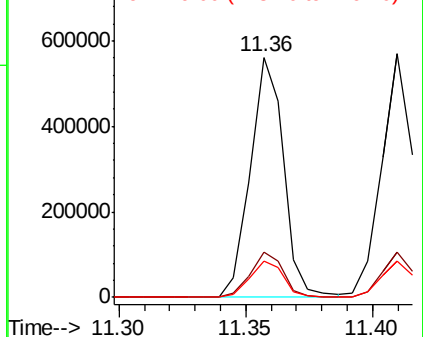
#71
Phenanthrene
Concen: 38.232 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 514923
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.1 12.4 18.6

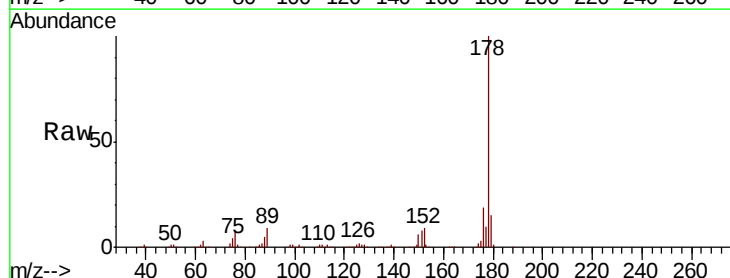


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

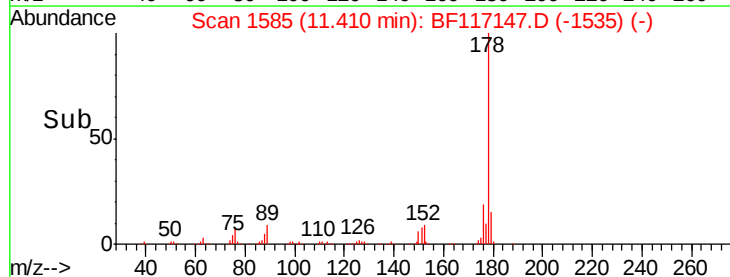
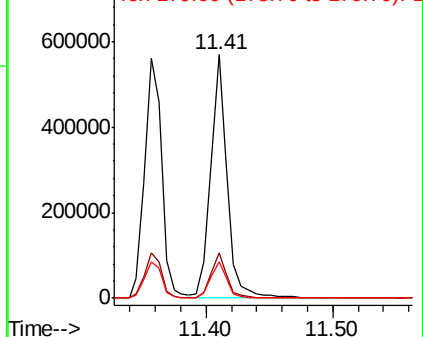


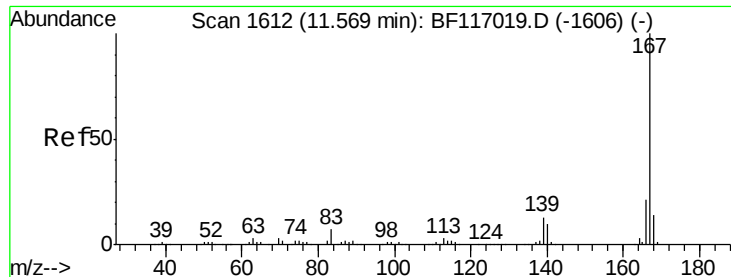
#72
Anthracene
Concen: 38.048 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:178 Resp: 523164
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.1 11.6 17.4



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

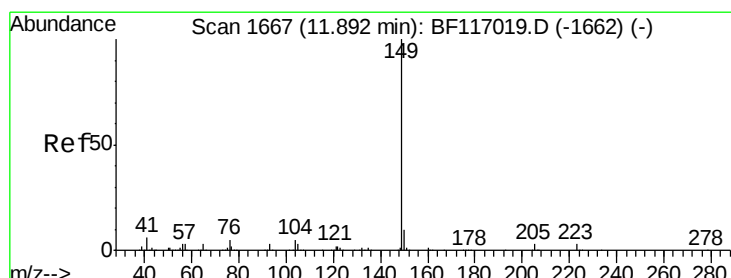
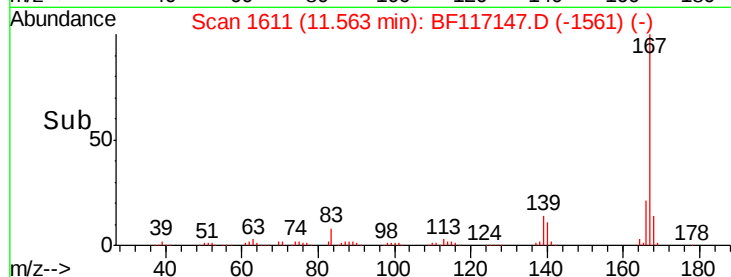
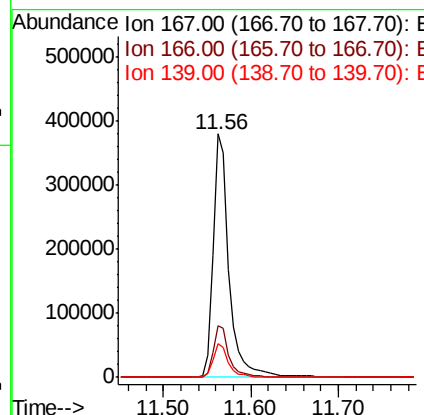
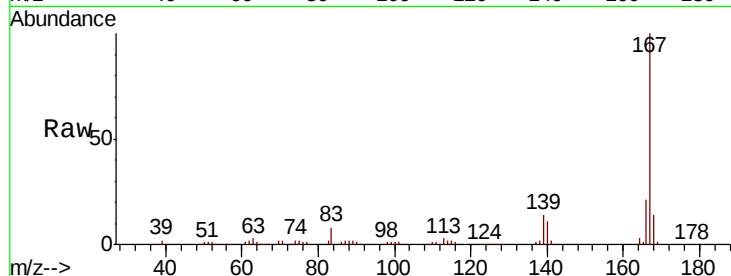




#73
 Carbazole
 Concen: 36.585 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

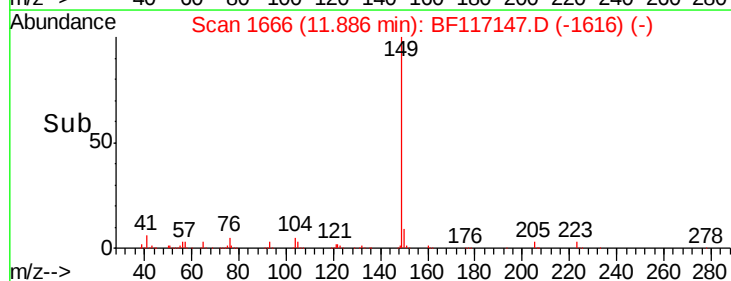
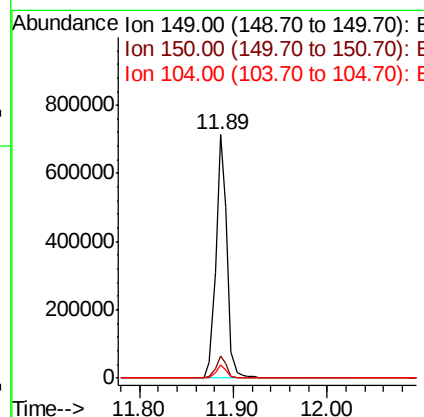
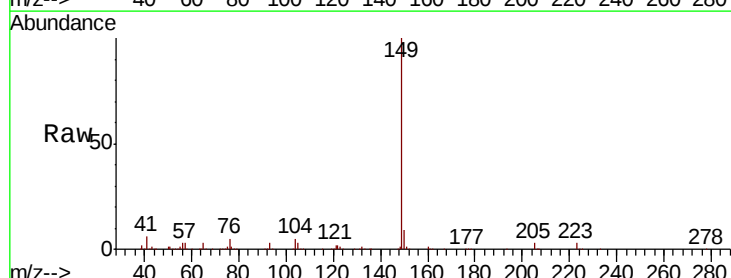
Instrument :
 BNA_F
 ClientSampled :

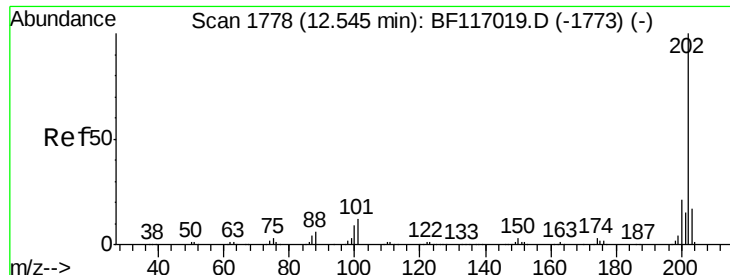
Tot Ion:167 Resp: 477498
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.436 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion:149 Resp: 596860
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.4 4.2 6.4

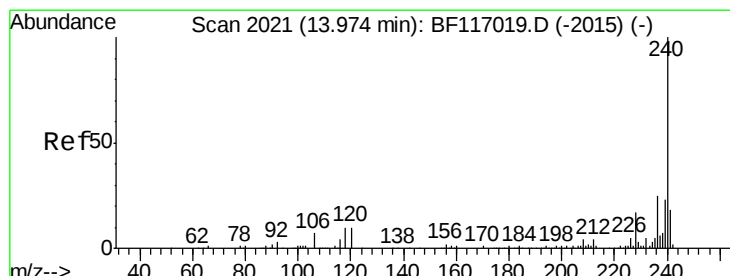
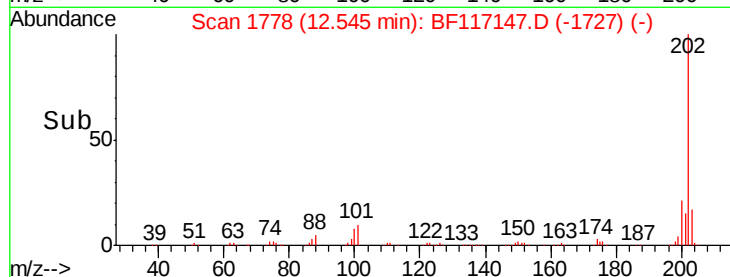
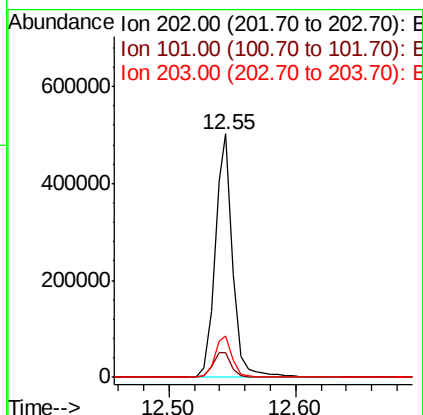
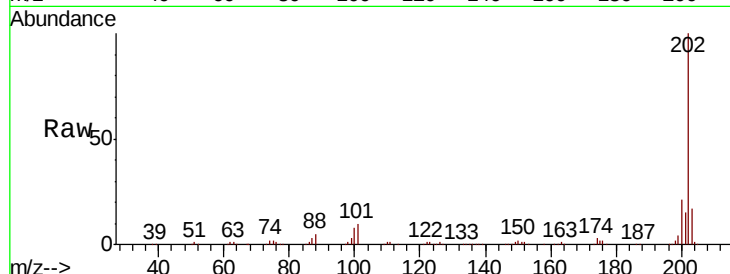




#75
 Fluoranthene
 Concen: 35.093 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

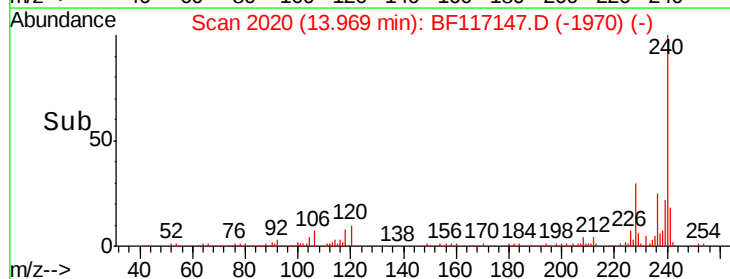
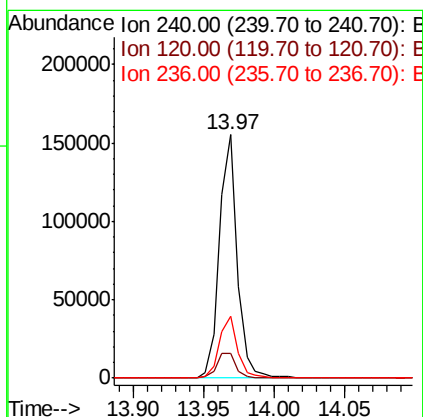
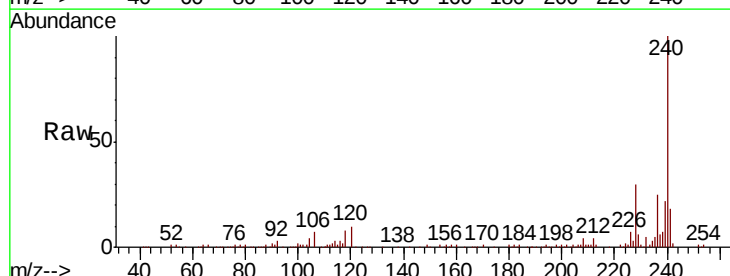
Instrument :
 BNA_F
 ClientSampleId :

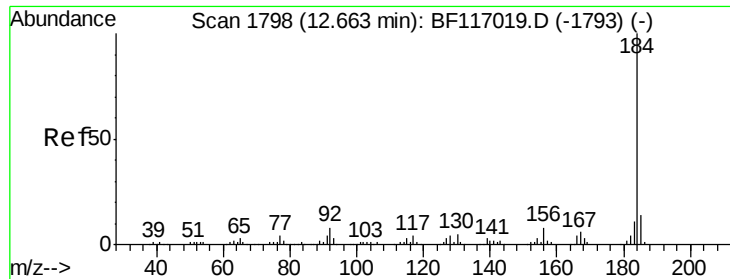
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.2	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.5	20.3	30.5

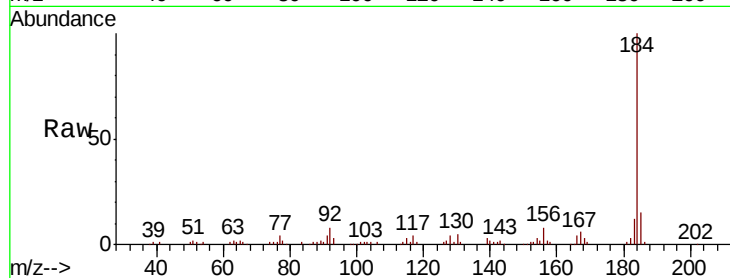




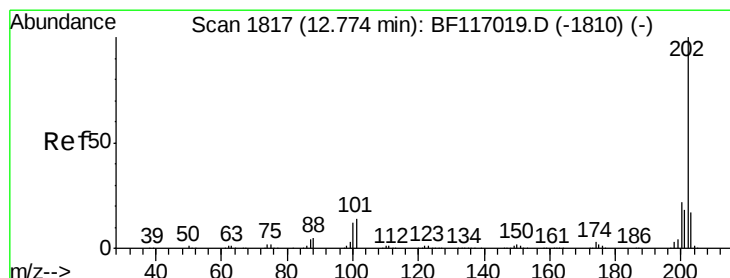
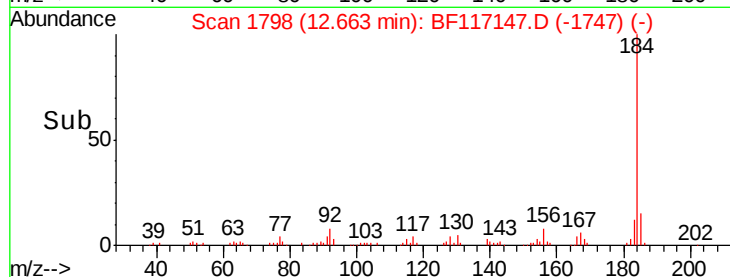
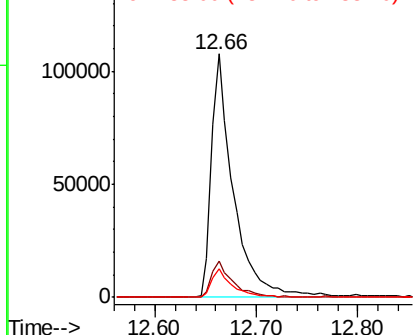
#77
Benzidine
Concen: 36.745 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 162242
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 11.6 9.0 13.4

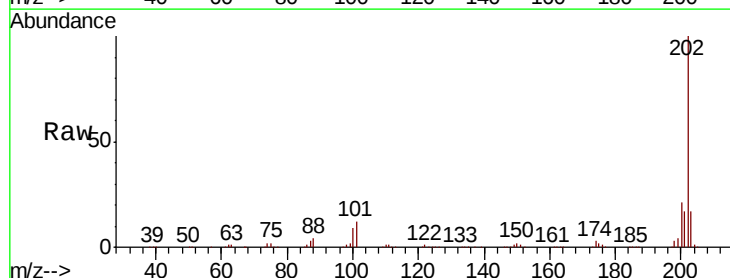


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

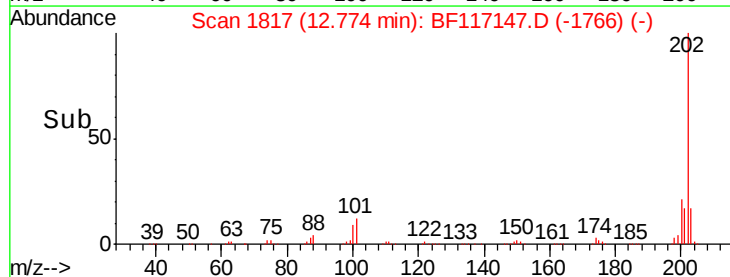
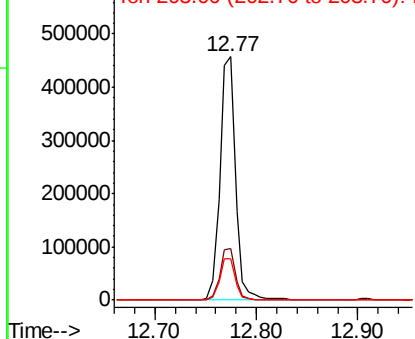


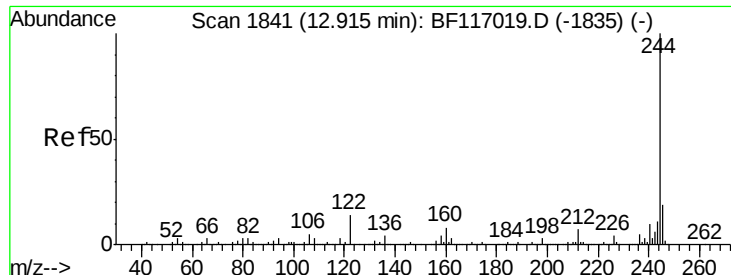
#78
Pyrene
Concen: 42.350 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:202 Resp: 487074
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.2 14.0 21.0



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

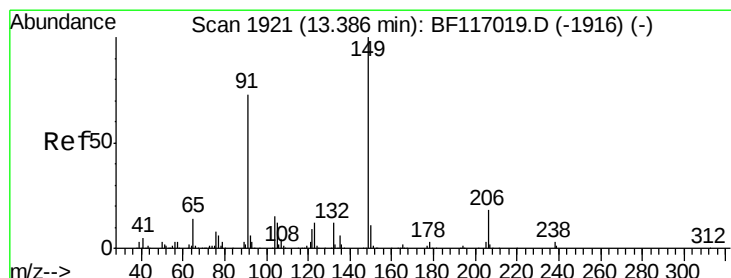
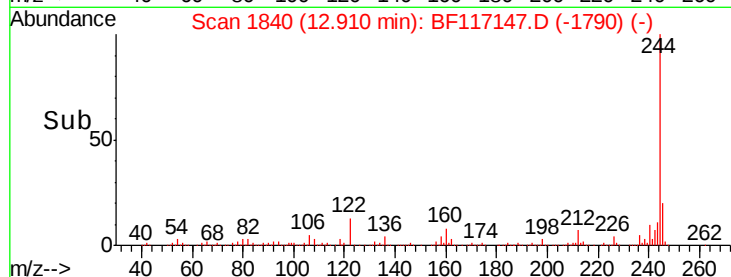
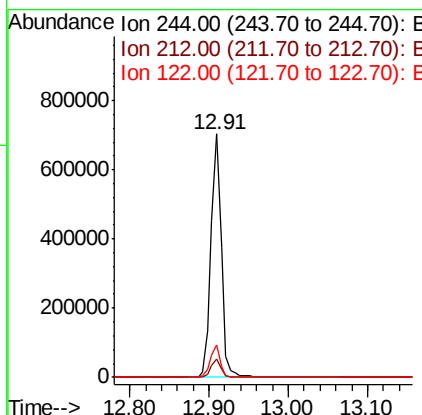
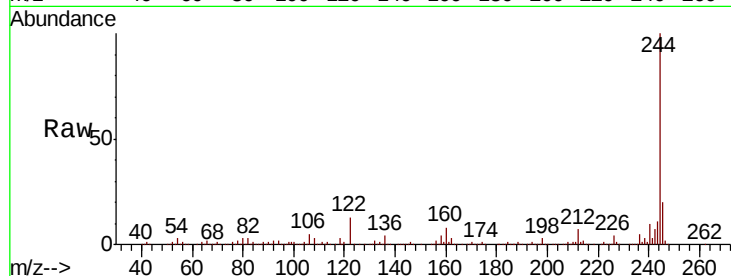




#79
 Terphenyl-d14
 Concen: 86.738 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

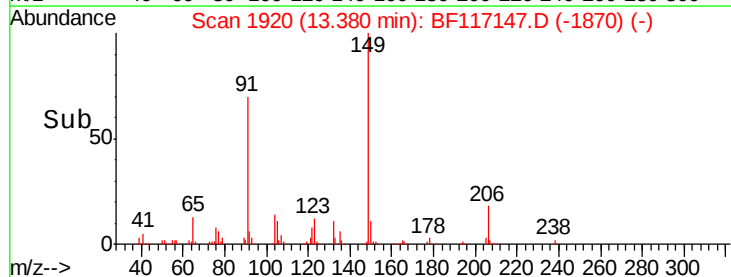
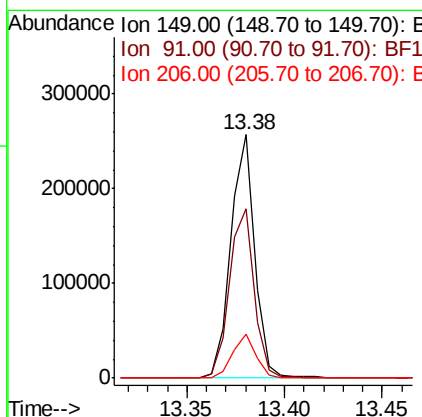
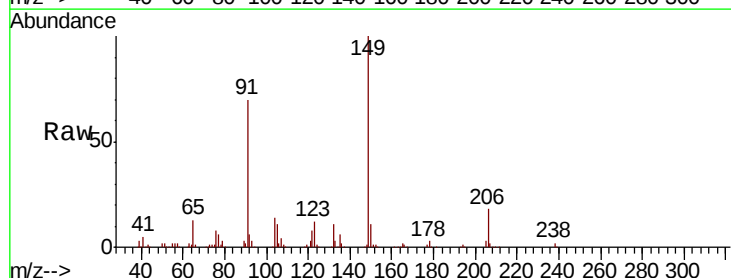
Instrument :
 BNA_F
 ClientSampleId :

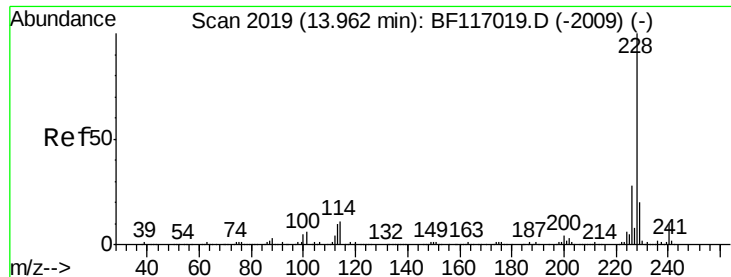
Tot Ion:244 Resp: 636042
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.3 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 40.348 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion:149 Resp: 219270
 Ion Ratio Lower Upper
 149 100
 91 69.8 58.8 88.2
 206 18.2 14.1 21.1

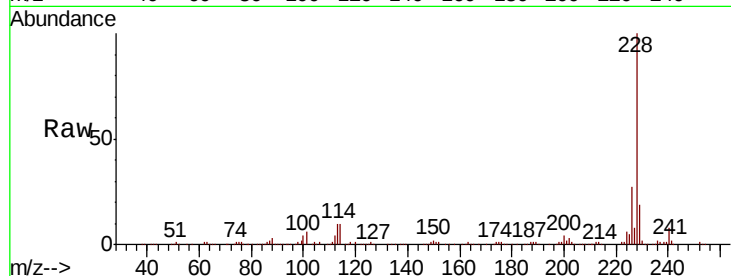




#81
Benzo(a)anthracene
Concen: 36.927 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.4	15.9	23.9

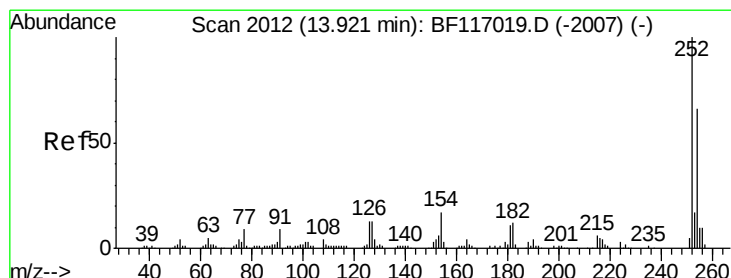
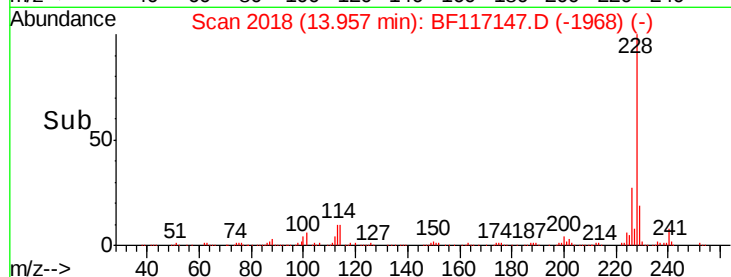
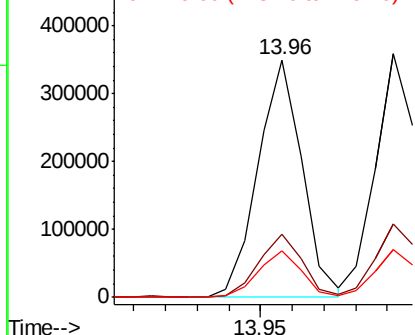


Abundance

Ion 228.00 (227.70 to 228.70): E

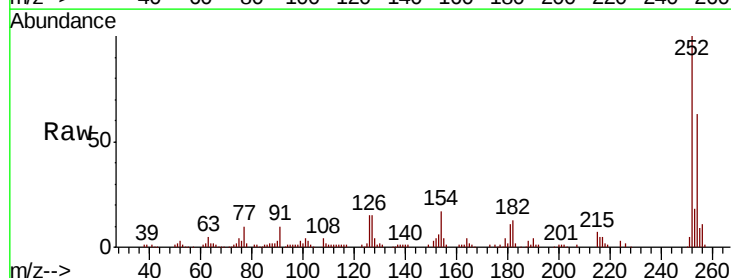
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.154 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.6	79.0
126	14.6	10.4	15.6

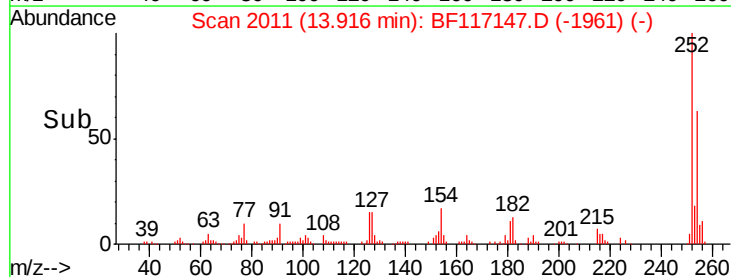
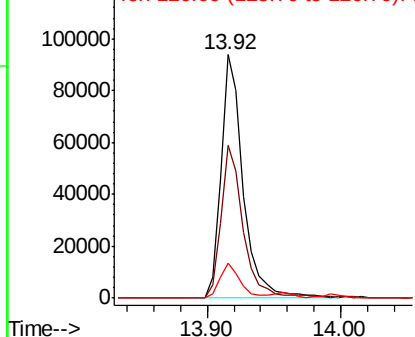


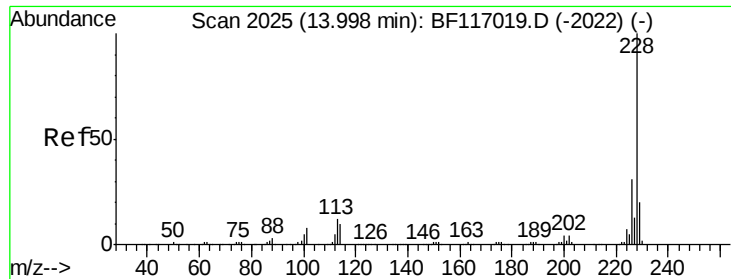
Abundance

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

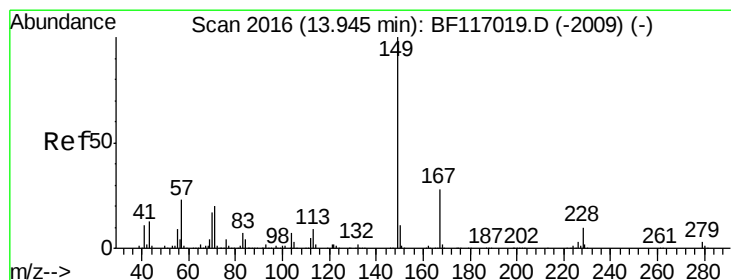
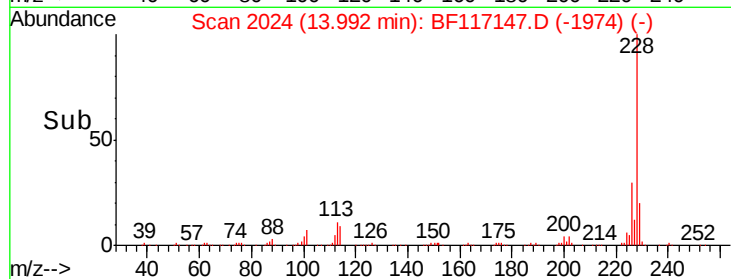
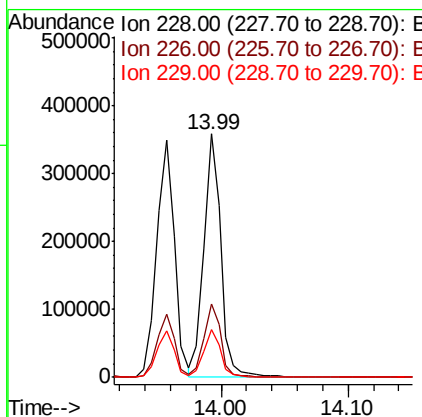
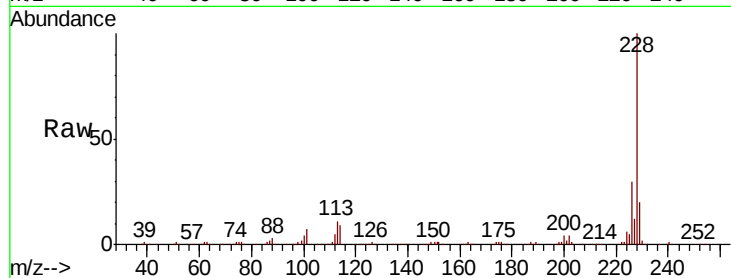




#83
 Chrvsene
 Concen: 37.407 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

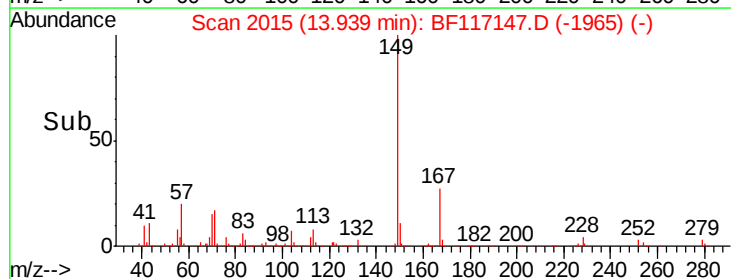
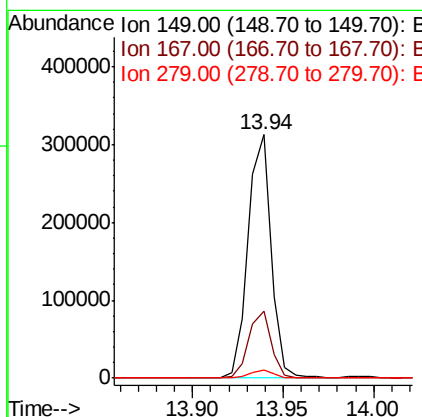
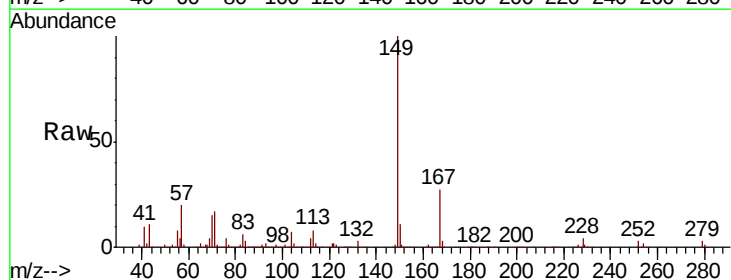
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	19.6	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.591 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	3.2	2.8	4.2

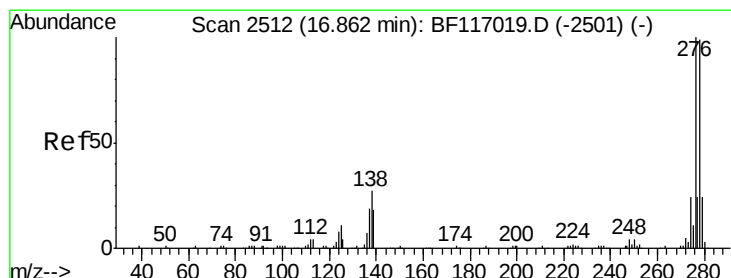
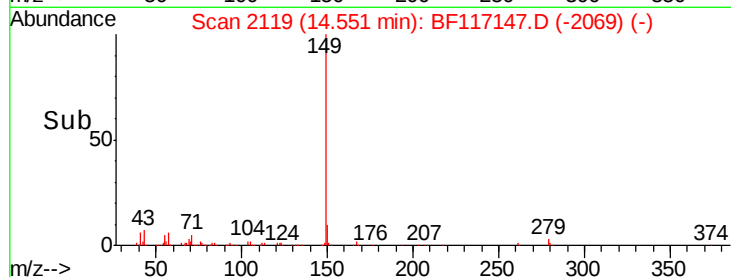
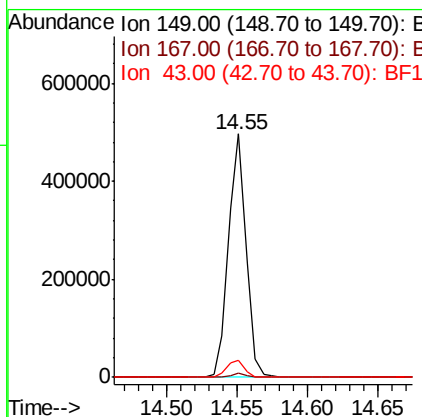
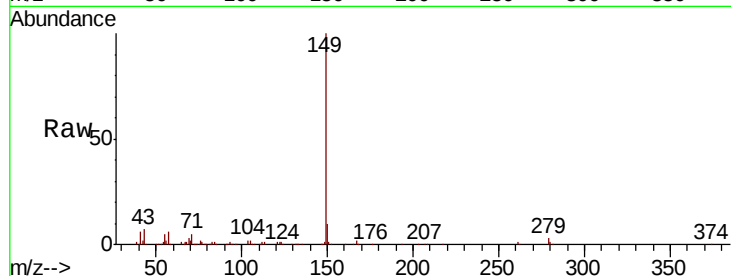




#85
 Di-n-octyl phthalate
 Concen: 39.094 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

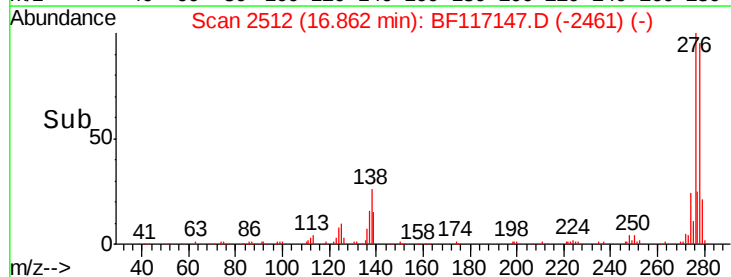
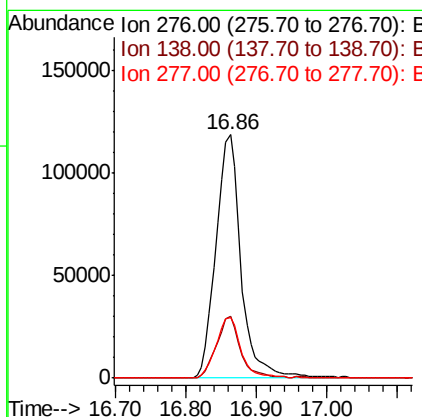
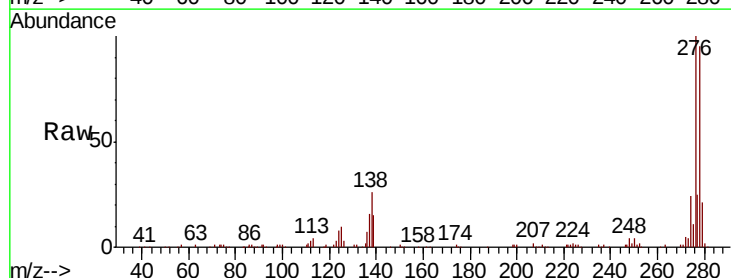
Instrument :
 BNA_F
 ClientSampleId :

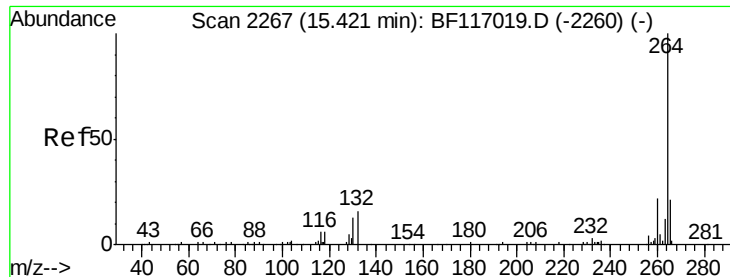
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.9	6.2	9.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.197 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.7	31.1
277	24.7	19.8	29.8

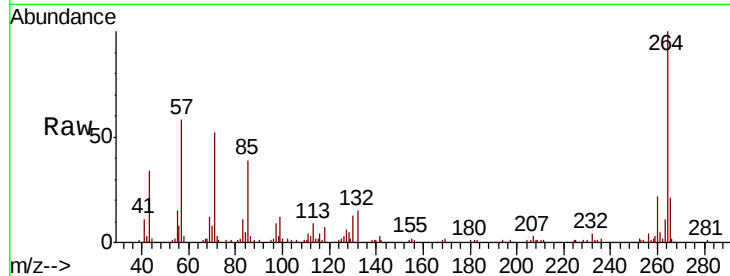




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.6	26.4
265	20.9	16.6	24.8

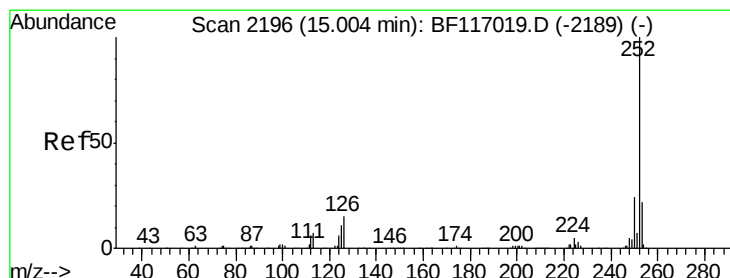
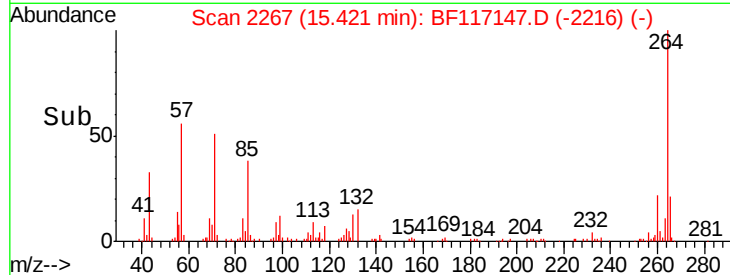
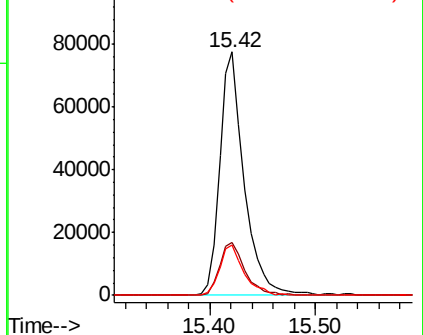


Abundance

Ion 264.00 (263.70 to 264.70): E

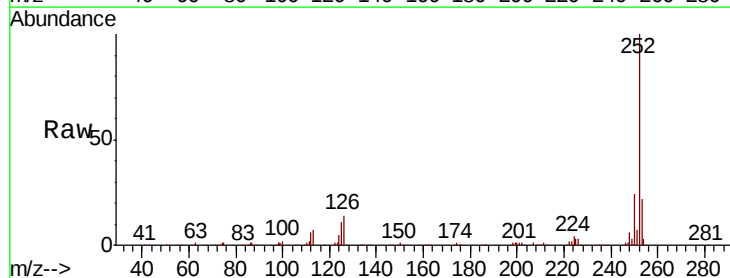
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 33.656 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.6	12.8

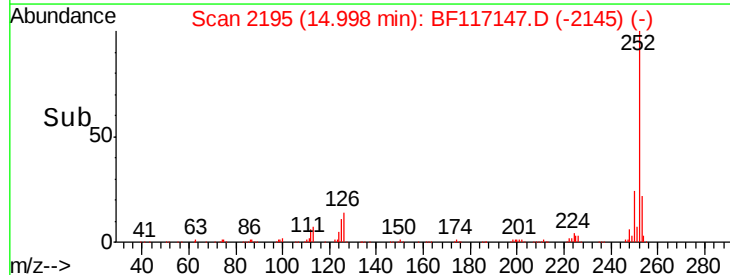
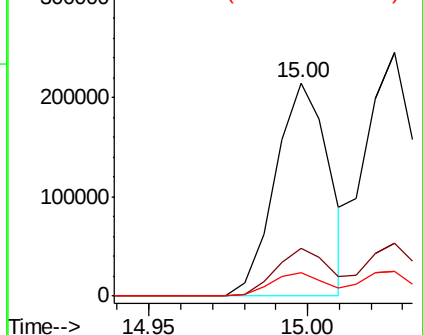


Abundance

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

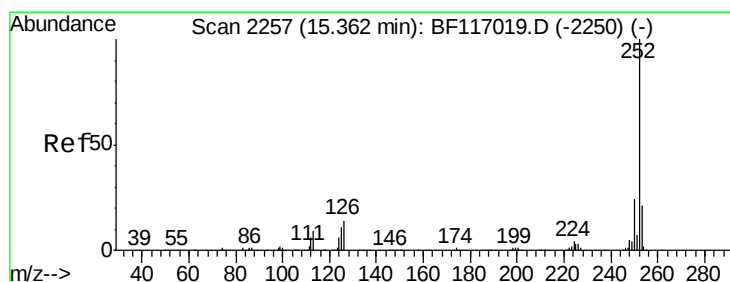
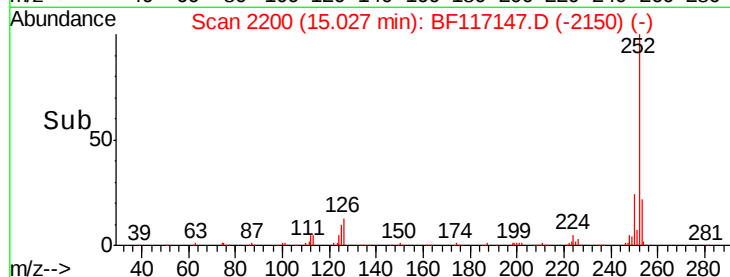
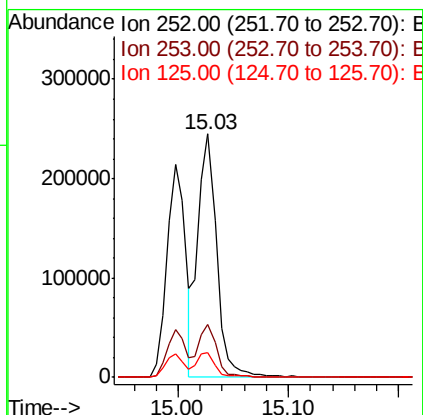
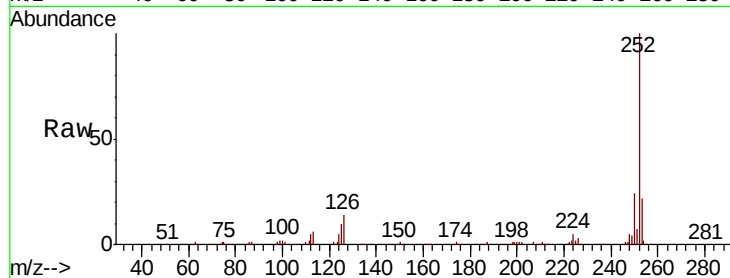




#89
Benzo(k)fluoranthene
Concen: 39.653 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

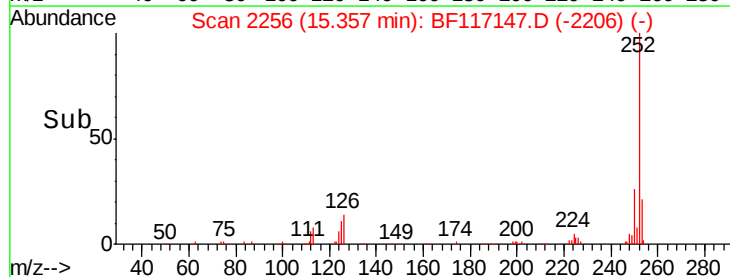
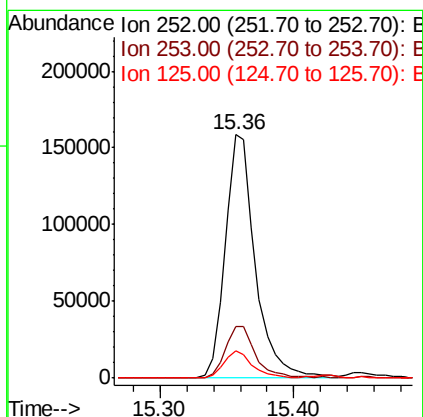
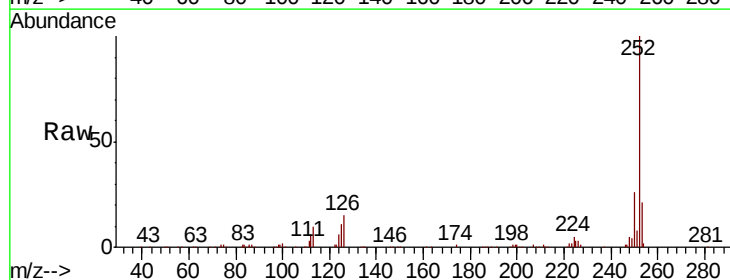
Instrument :
BNA_F
ClientSampleId :

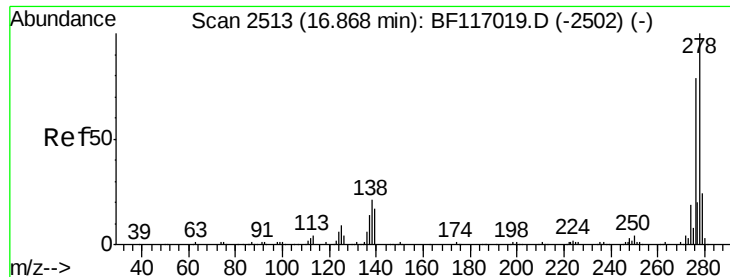
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.2	8.8	13.2



#90
Benzo(a)pyrene
Concen: 37.938 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	11.1	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 46.481 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

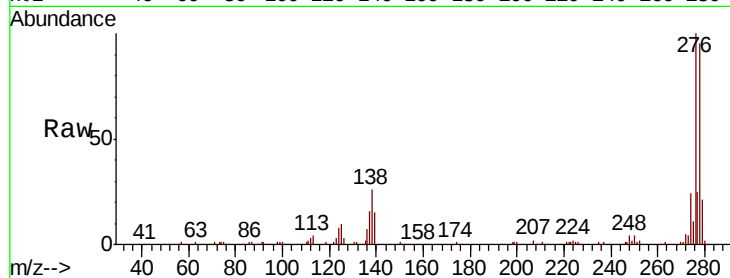
Tot Ion:278 Resp: 244393

Ion Ratio Lower Upper

278 100

139 16.1 13.5 20.3

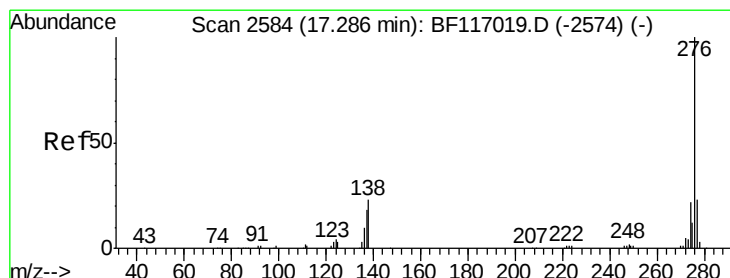
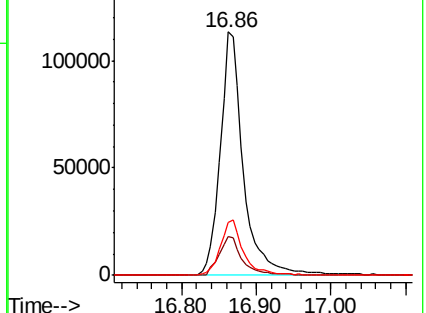
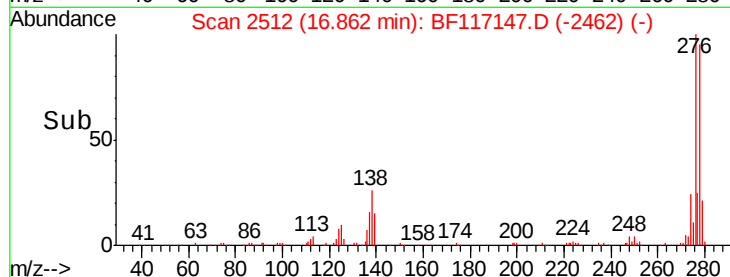
279 21.8 18.8 28.2



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: 45.141 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF117147.D

Acq: 18 Sep 2019 15:28

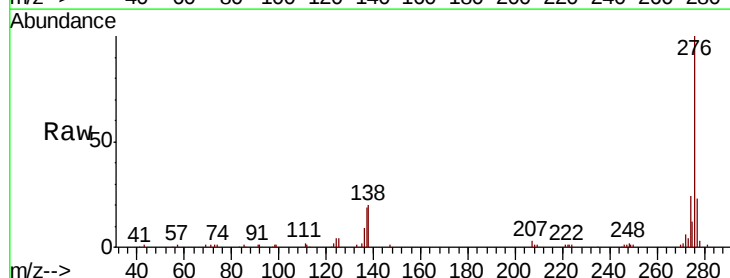
Tgt Ion:276 Resp: 236514

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 20.1 18.0 27.0



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

