

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 :
 SSTDCCC040EC

Quant Time: Sep 18 16:23:08 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

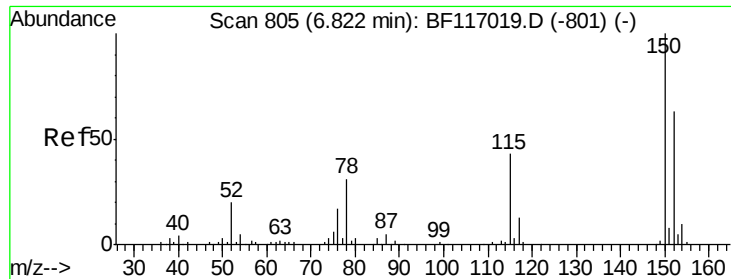
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	53385	35.400	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	101344	37.774	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	102786	35.859	nq	97
46) 1,1'-Biphenyl	9.27	154	467851	38.959	nq	99
47) 2-Chloronaphthalene	9.30	162	363267	38.329	nq	98
48) 2-Nitroaniline	9.40	65	115079	37.856	nq	95
49) Acenaphthylene	9.72	152	541079	38.110	nq	99
50) Dimethylphthalate	9.57	163	400819	36.976	nq	100
51) 2,6-Dinitrotoluene	9.64	165	86489	39.175	nq	97
52) Acenaphthene	9.89	154	313854	37.291	nq	99
53) 3-Nitroaniline	9.81	138	103076	37.004	nq	99
54) 2,4-Dinitrophenol	9.92	184	26556	33.832	nq	94
55) Dibenzofuran	10.06	168	473586	38.138	nq	98
56) 4-Nitrophenol	9.97	139	65423	36.239	nq	98
57) 2,4-Dinitrotoluene	10.05	165	111211	38.806	nq	96
58) Fluorene	10.40	166	378787	37.868	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	85112	38.802	nq	97
60) Diethylphthalate	10.27	149	401275	37.627	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	168186	38.861	nq	95
62) 4-Nitroaniline	10.42	138	101825	35.151	nq	97
63) Azobenzene	10.55	77	404182	37.107	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	39187	37.957	nq	99
66) n-Nitrosodiphenylamine	10.50	169	321071	39.207	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	97401	40.222	nq	96
68) Hexachlorobenzene	10.95	284	104050	39.285	nq	97
69) Atrazine	11.03	200	79737	37.386	nq	98
70) Pentachlorophenol	11.15	266	35804	28.839	nq	97
71) Phenanthrene	11.36	178	514923	38.232	nq	99
72) Anthracene	11.41	178	523164	38.048	nq	99
73) Carbazole	11.56	167	477498	36.585	nq	99
74) Di-n-butylphthalate	11.89	149	596860	38.436	nq	99
75) Fluoranthene	12.55	202	485648	35.093	nq	98
77) Benzidine	12.66	184	162242	36.745	nq	99
78) Pyrene	12.77	202	487074	42.350	nq	99
80) Butylbenzylphthalate	13.38	149	219270	40.348	nq	96
81) Benzo(a)anthracene	13.96	228	338167	36.927	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	109642	37.154	nq	96
83) Chrysene	13.99	228	334109	37.407	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	277412	39.591	nq	99
85) Di-n-octyl phthalate	14.55	149	431149	39.094	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	294517	45.197	nq	98
88) Benzo(b)fluoranthene	15.00	252	253144	33.656	nq	100
89) Benzo(k)fluoranthene	15.03	252	282521	39.653	nq	99
90) Benzo(a)pyrene	15.36	252	250401	37.938	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	244393	46.481	nq	97
92) Benzo(g,h,i)perylene	17.30	276	236514	45.141	nq	97

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



#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

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SSTDCCC040EC

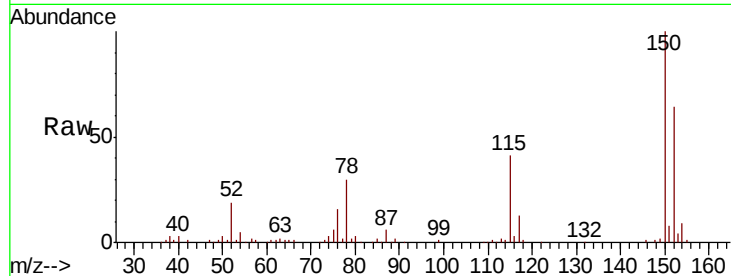
Tot Ion:152 Resp: 74053

Ion Ratio Lower Upper

152 100

150 156.5 127.5 191.3

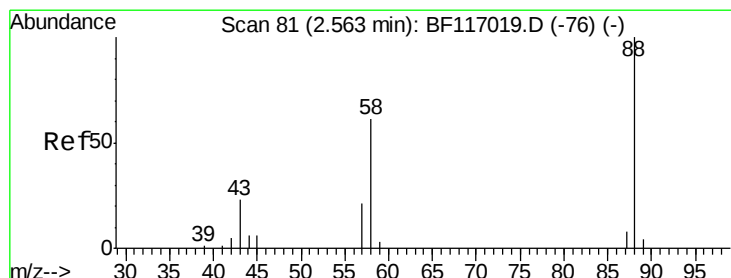
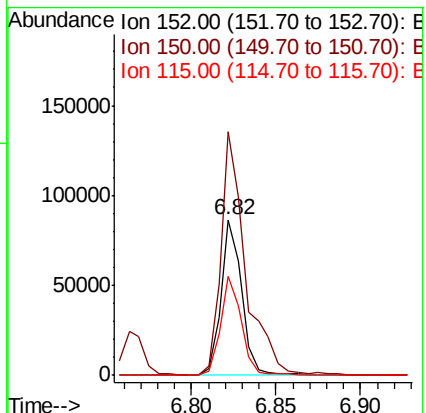
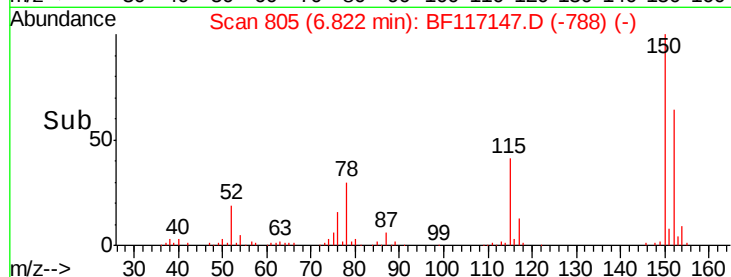
115 63.8 55.0 82.4



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

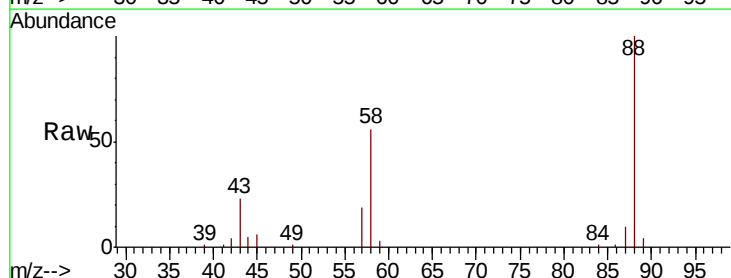
Tgt Ion: 88 Resp: 72553

Ion Ratio Lower Upper

88 100

58 58.4 49.3 73.9

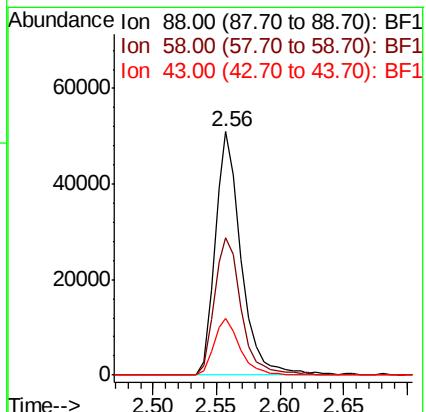
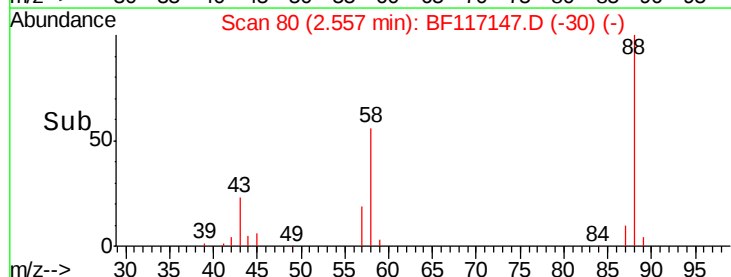
43 23.3 18.8 28.2

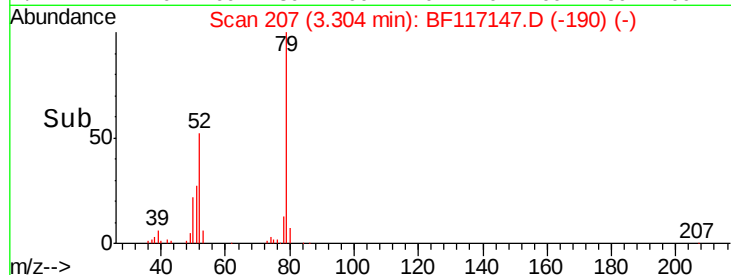
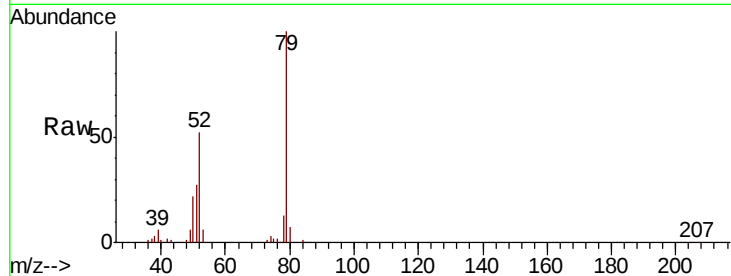


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

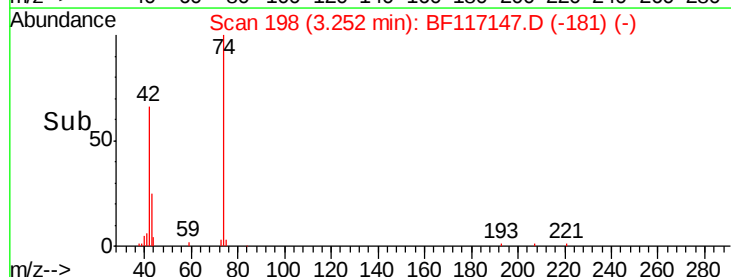
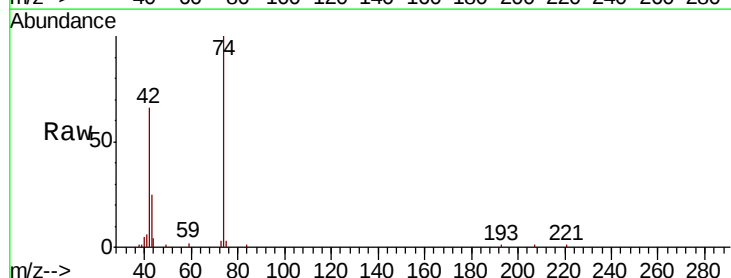
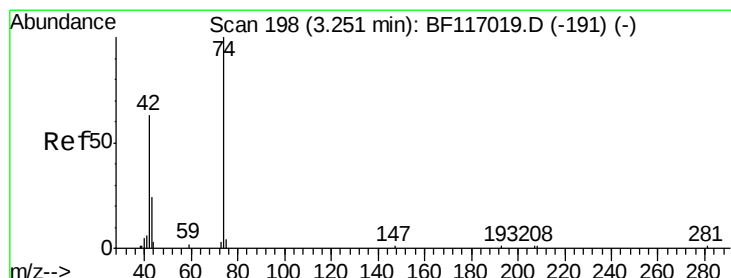
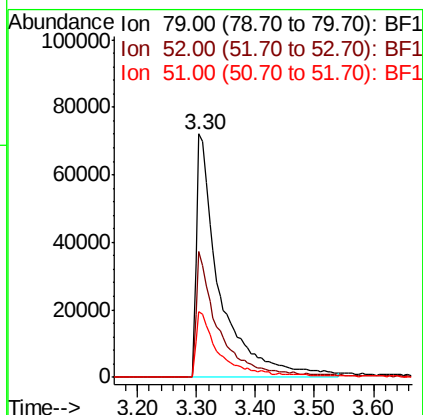




#3
 Pvridine
 Concen: 36.526 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

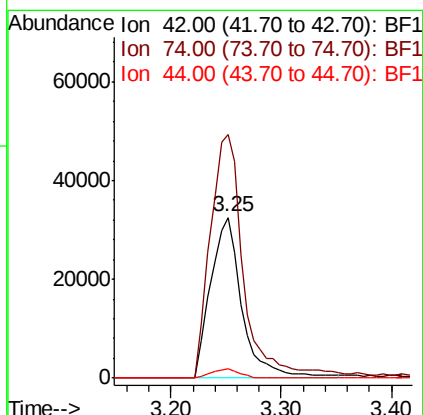
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	79	Resp	198430
Ion Ratio	100	Lower	Upper
52	51.8	43.5	65.3
51	27.1	21.8	32.6



#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	100	Lower	Upper
74	151.8	127.1	190.7
44	6.0	4.3	6.5





#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

ClientSampleId :

SSTDCCC040EC

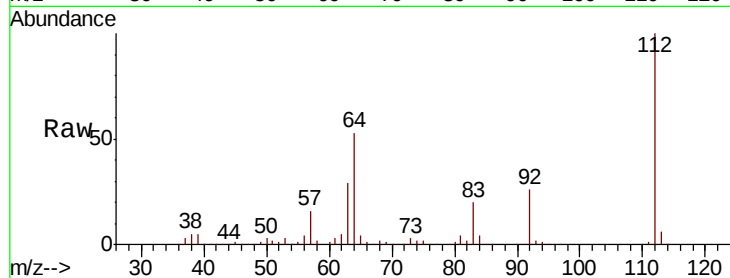
Tot Ion:112 Resp: 359500

Ion Ratio Lower Upper

112 100

64 53.4 45.7 68.5

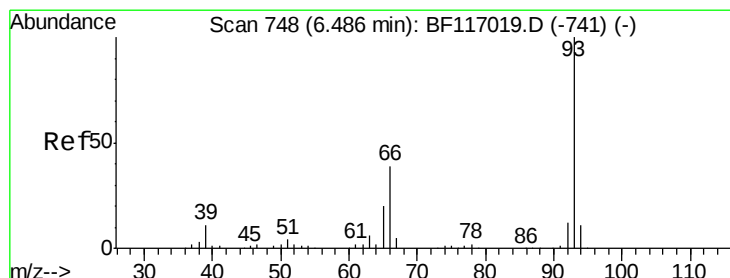
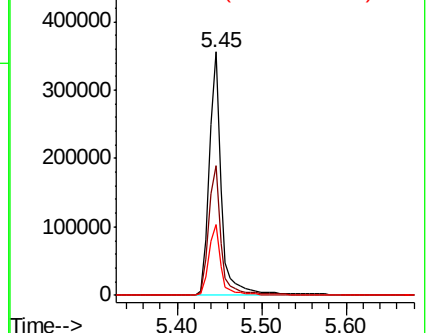
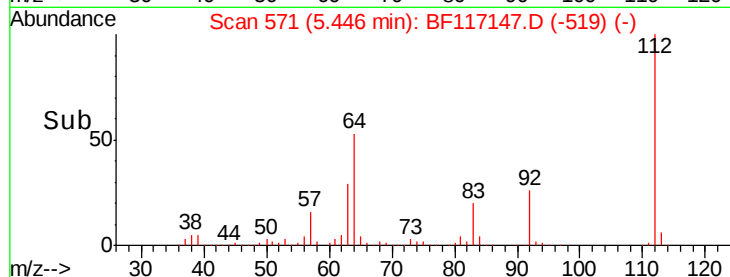
63 28.9 24.9 37.3



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

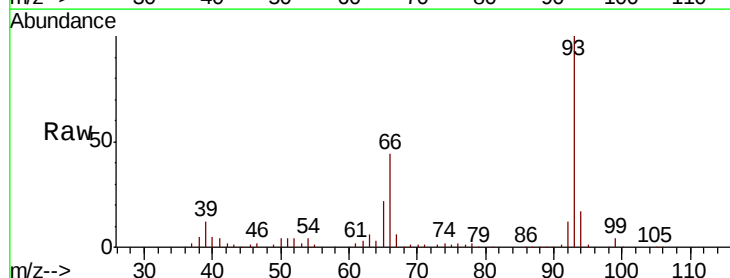
Tgt Ion: 93 Resp: 291529

Ion Ratio Lower Upper

93 100

66 44.5 32.6 49.0

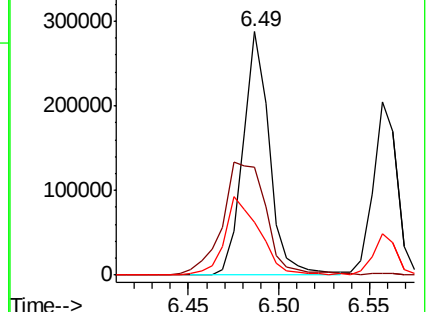
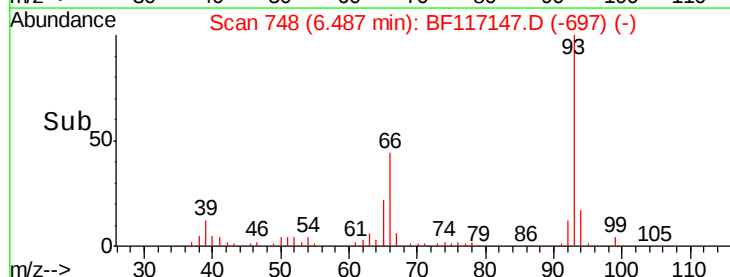
65 21.9 16.7 25.1

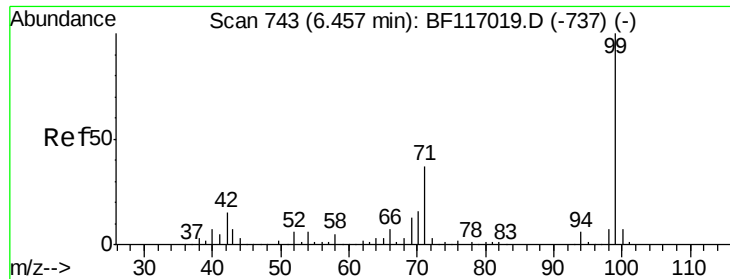


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

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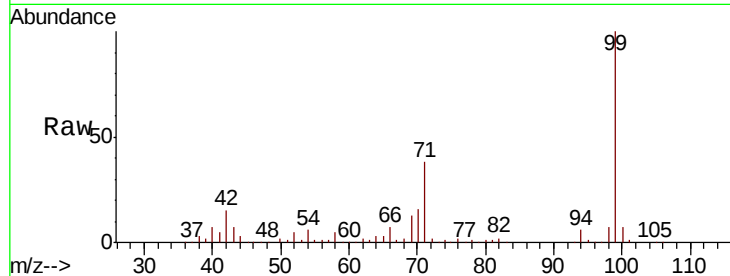
Tot Ion: 99 Resp: 463923

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

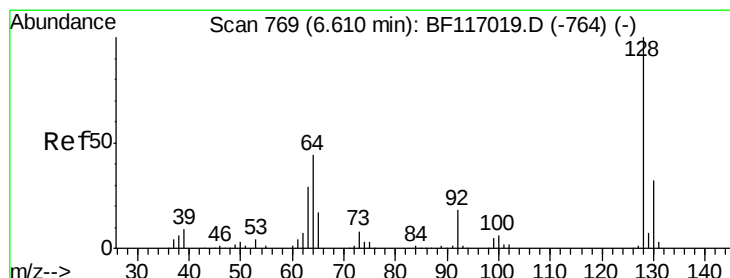
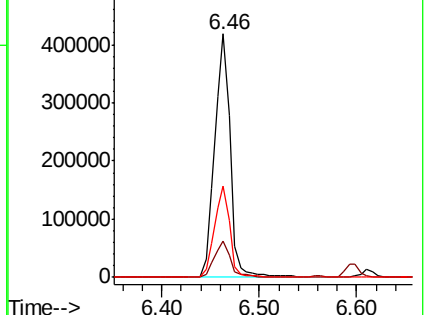
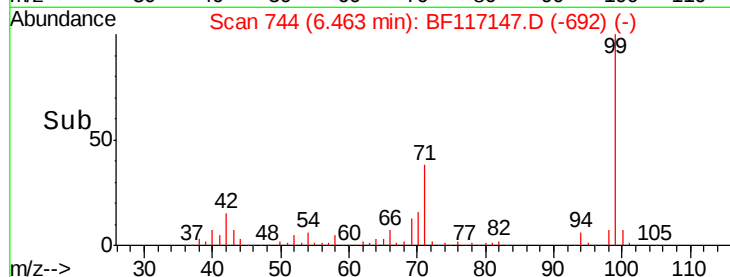
71 37.7 29.8 44.8



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

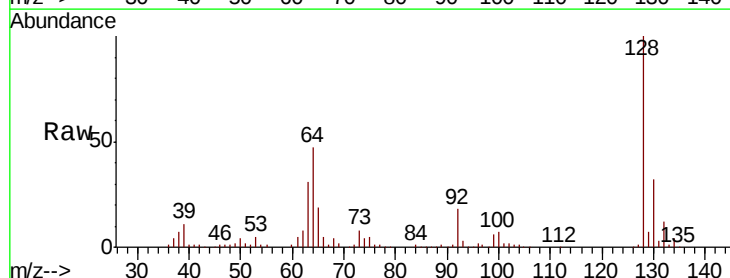
Tgt Ion: 128 Resp: 195281

Ion Ratio Lower Upper

128 100

130 32.0 11.8 51.8

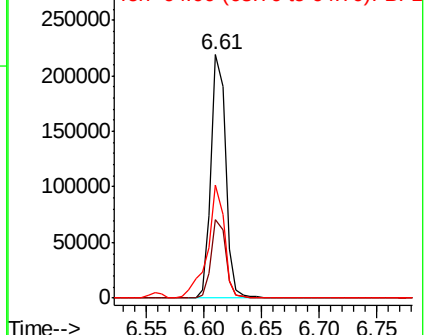
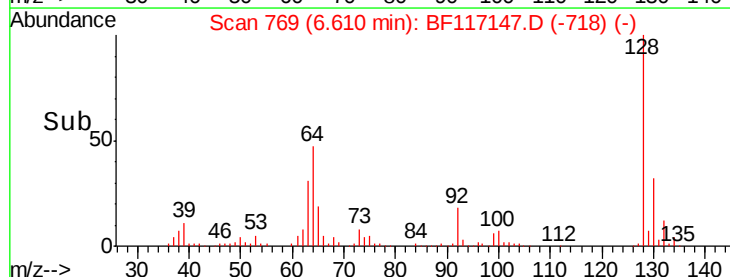
64 46.6 25.0 65.0



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

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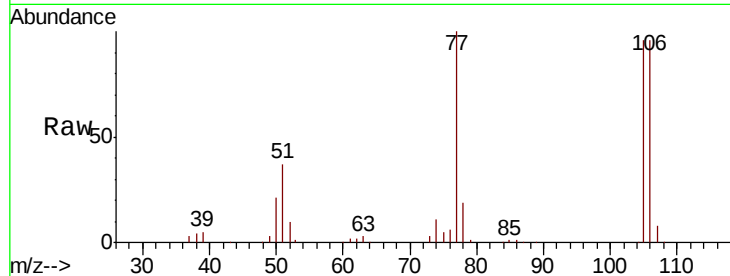
Tot Ion: 77 Resp: 130483

Ion Ratio Lower Upper

77 100

105 96.5 81.8 121.8

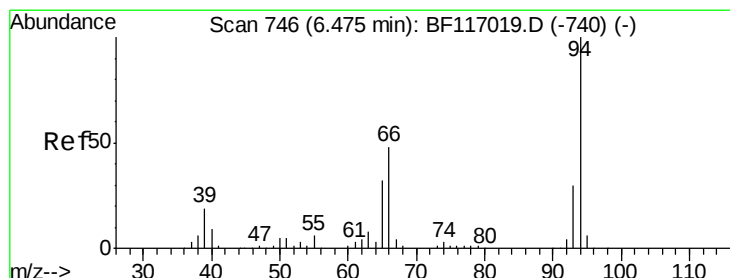
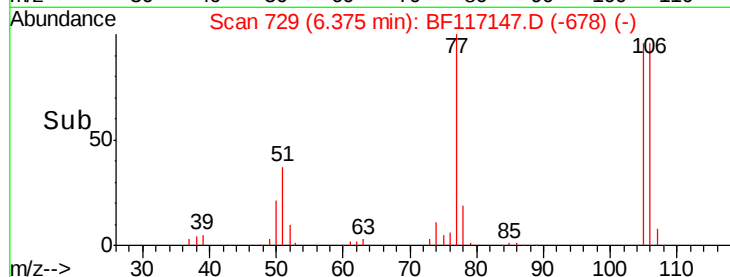
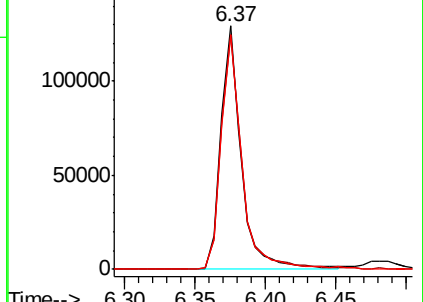
106 96.3 77.3 117.3



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

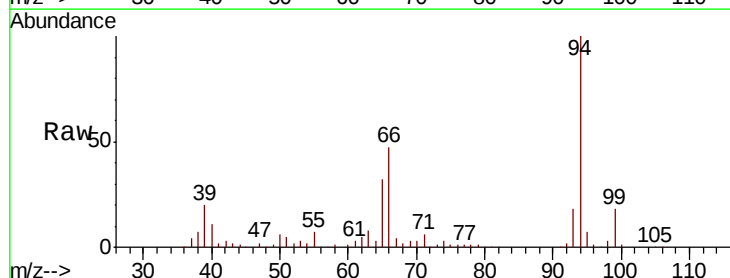
Tgt Ion: 94 Resp: 253004

Ion Ratio Lower Upper

94 100

65 32.3 12.5 52.5

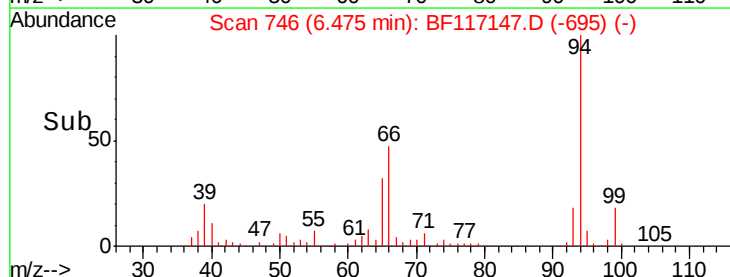
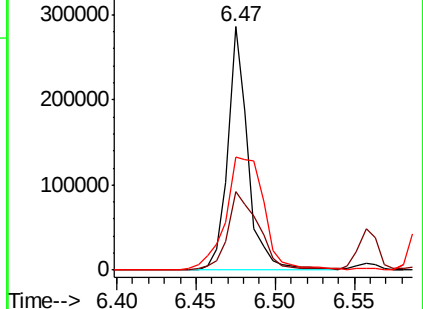
66 46.6 28.9 68.9

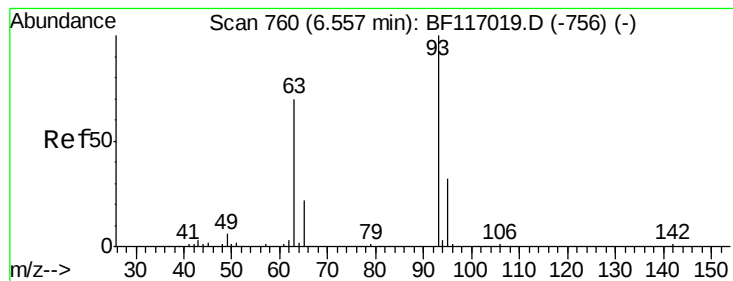


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

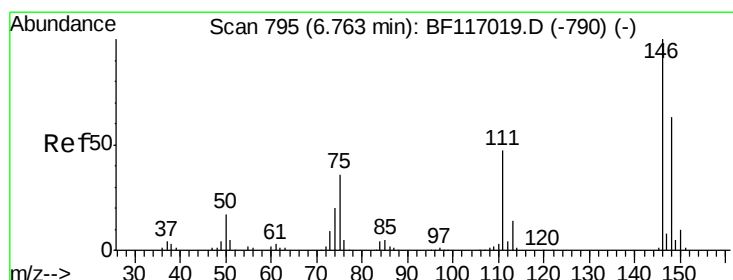
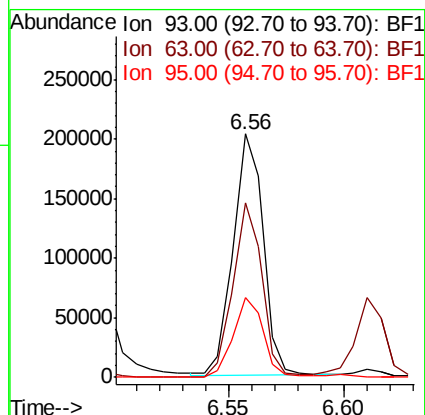
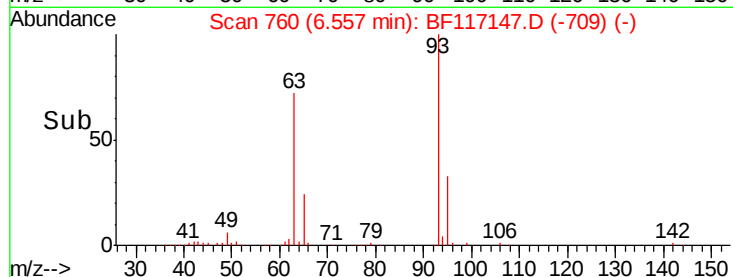
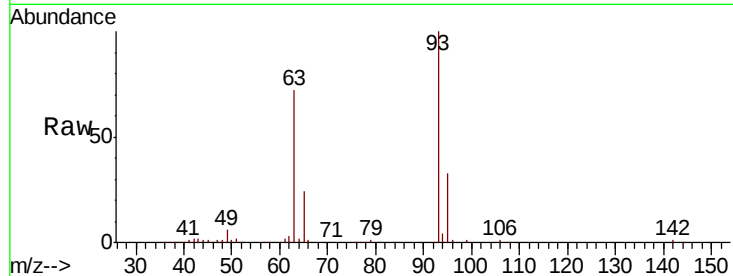




#11
bis(2-Chloroethyl)ether
Concen: 36.998 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

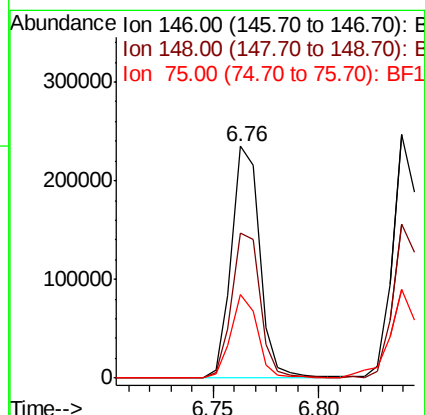
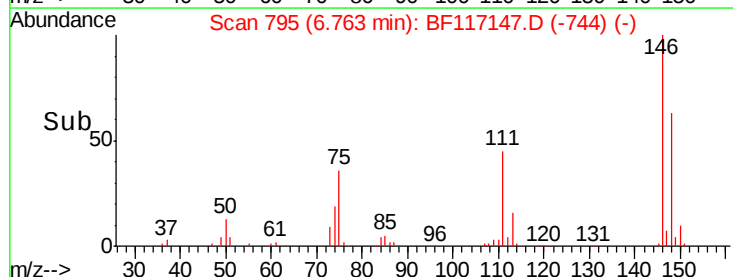
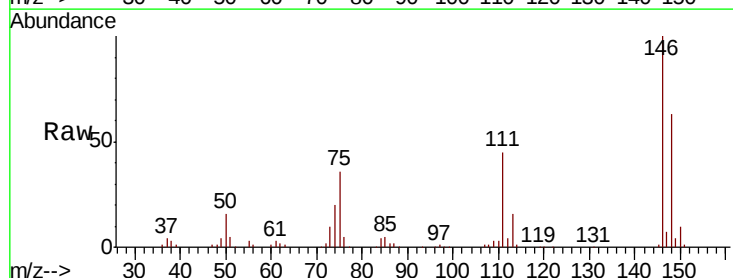
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

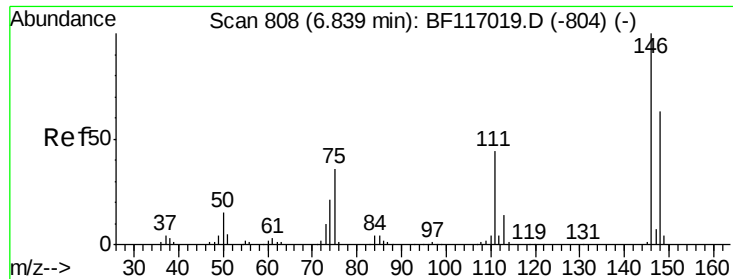
Tot Ion: 93 Resp: 183759
Ion Ratio Lower Upper
93 100
63 71.6 49.3 89.3
95 32.6 11.5 51.5



#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

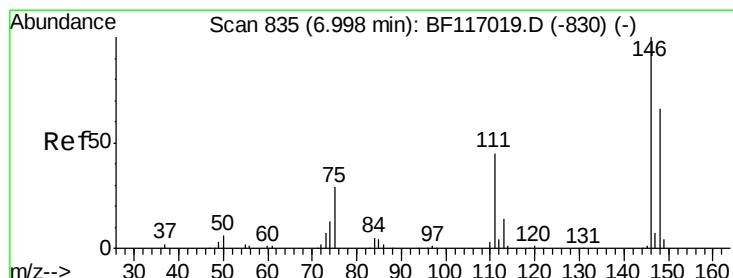
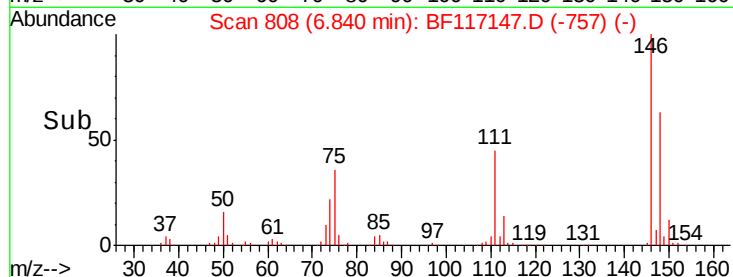
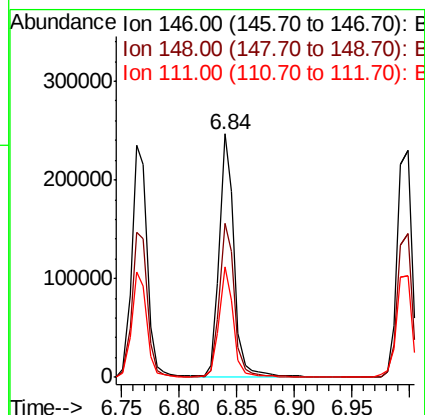
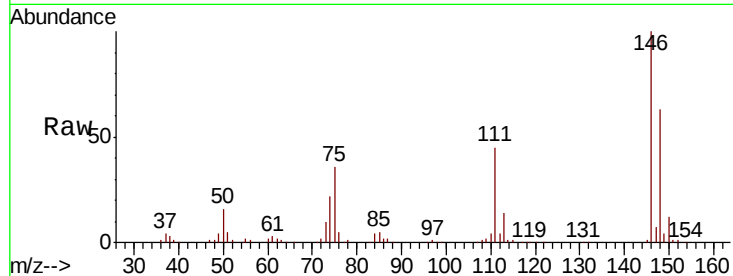




#13
 1,4-Dichlorobenzene
 Concen: 38.026 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

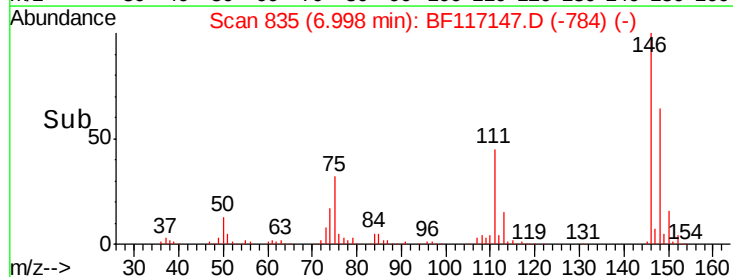
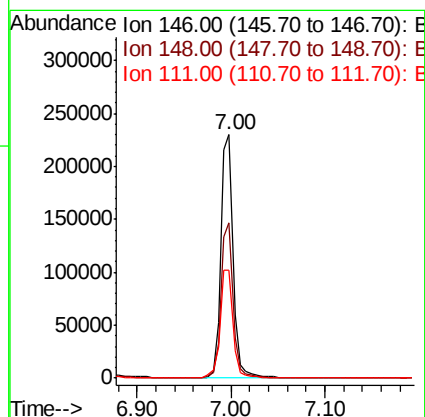
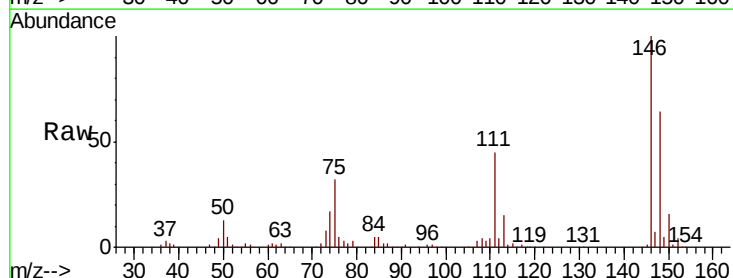
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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



#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





#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

ClientSampleId :

SSTDCCC040EC

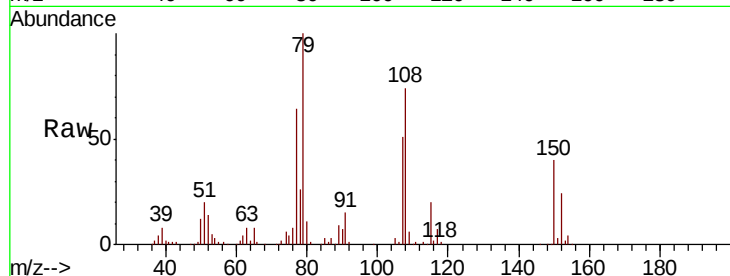
Tot Ion: 79 Resp: 176089

Ion Ratio Lower Upper

79 100

108 73.7 59.4 89.0

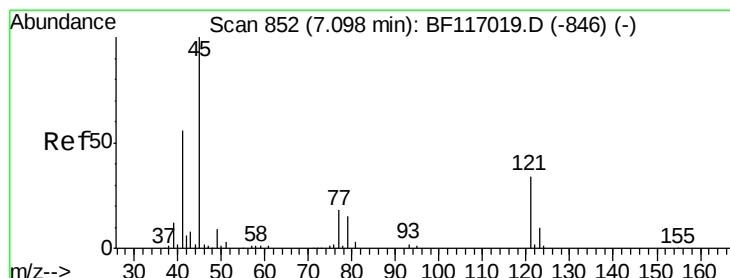
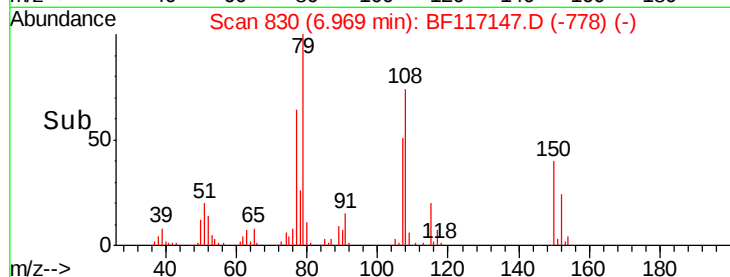
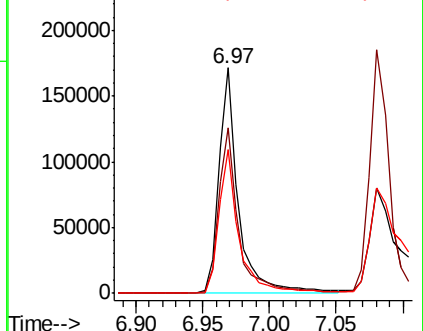
77 63.6 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

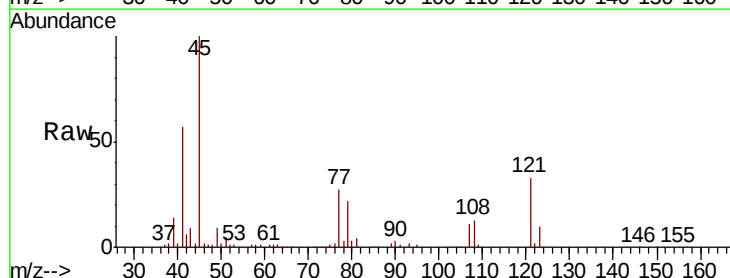
Tgt Ion: 45 Resp: 184268

Ion Ratio Lower Upper

45 100

77 26.9 2.7 42.7

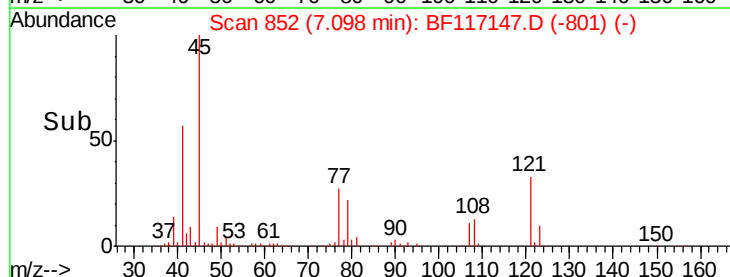
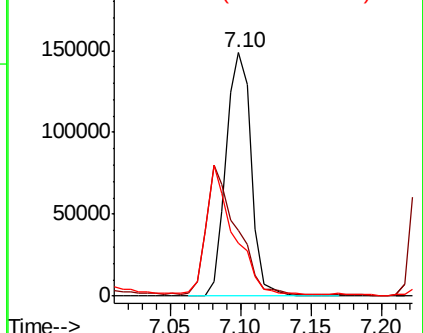
79 21.6 0.0 38.9

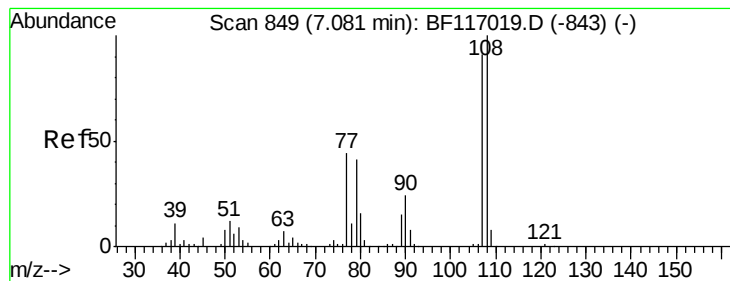


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 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 :

SSTDCCC040EC

Tot Ion:107 Resp: 160279

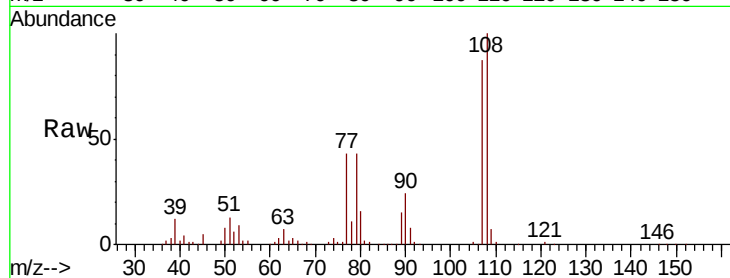
Ion Ratio Lower Upper

107 100

108 115.3 87.7 131.5

77 49.6 38.6 58.0

79 49.7 36.8 55.2

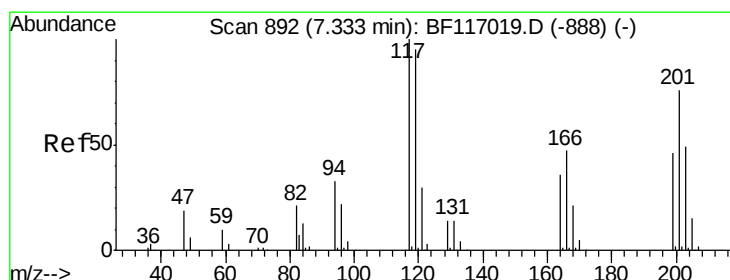
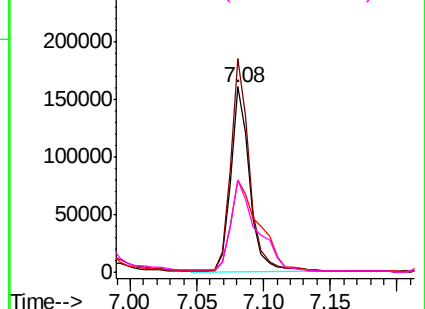
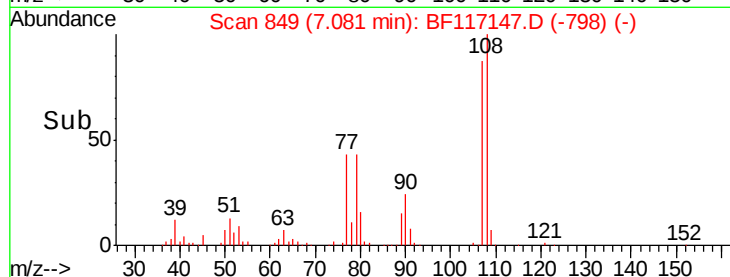


Abundance Ion 107.00 (106.70 to 107.70): E

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

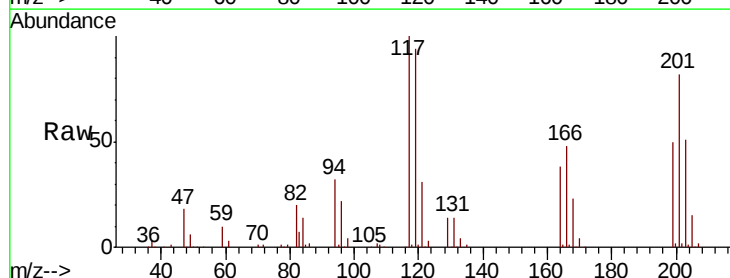
Tgt Ion:117 Resp: 86693

Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.8

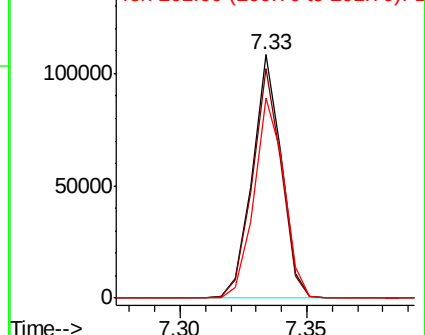
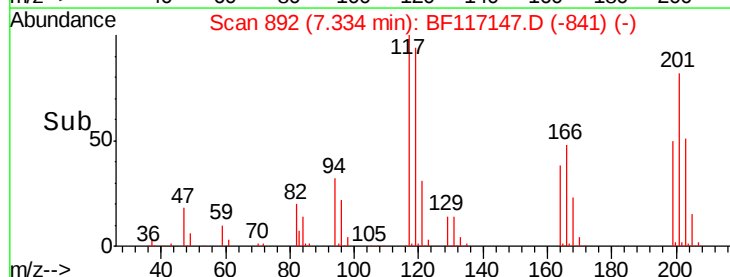
201 82.3 60.9 91.3



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

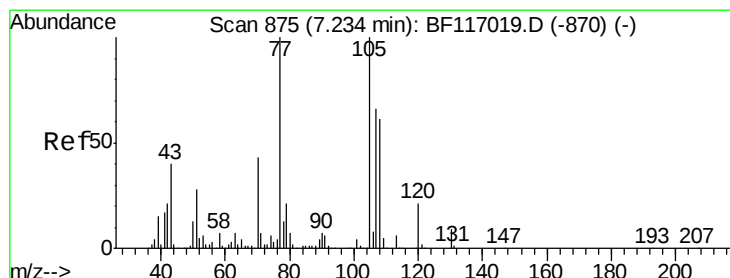
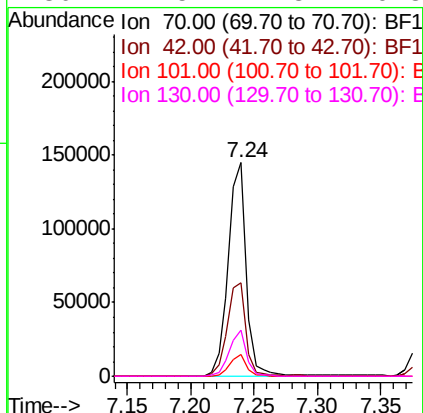
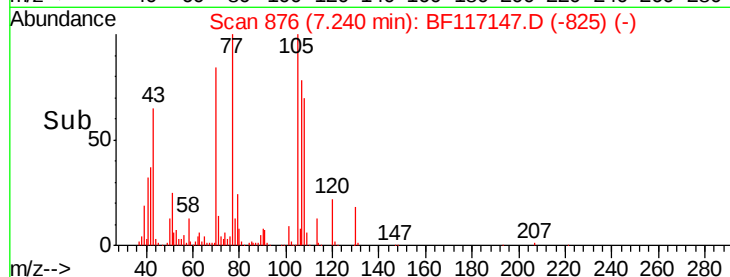
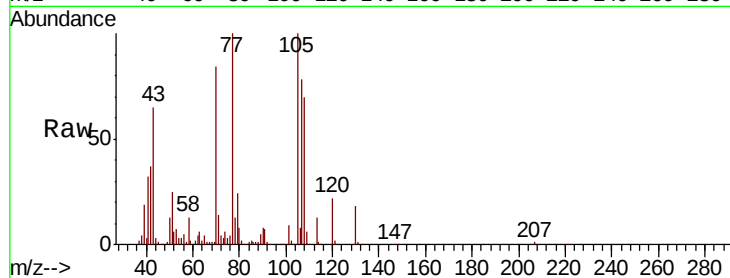




#19
n-Nitroso-di-n-propylamine
Concen: 38.358 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

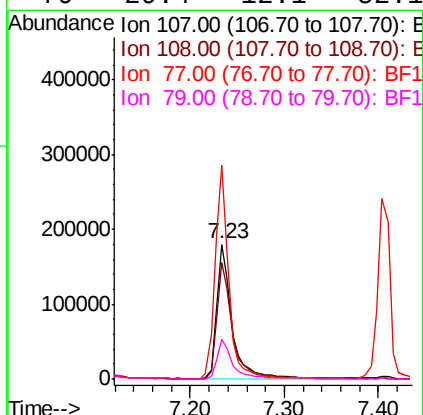
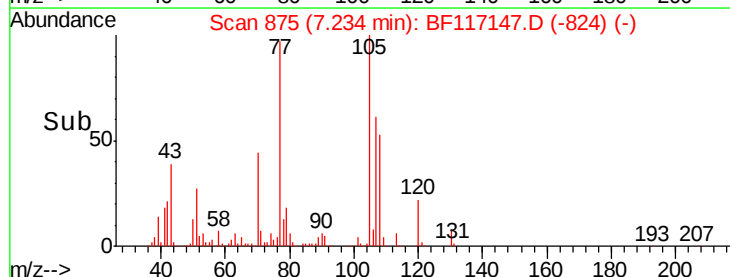
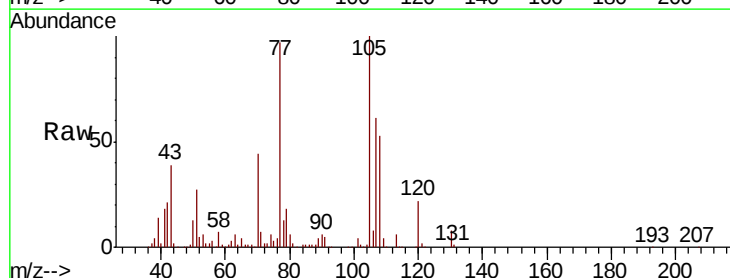
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

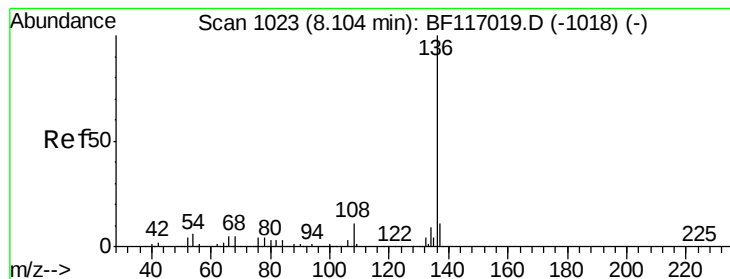
Tot Ion:	70	Resp:	143178
Ion	Ratio	Lower	Upper
70	100		
42	44.1	34.0	51.0
101	10.5	7.8	11.6
130	21.5	17.8	26.8



#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

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 304528

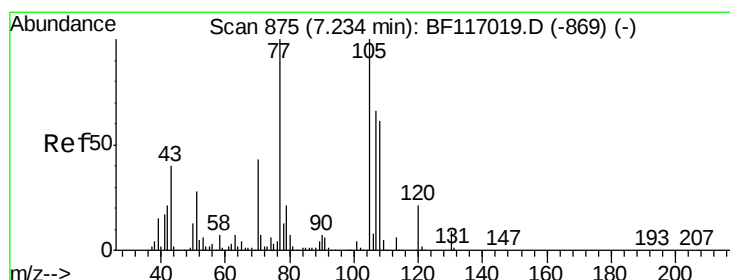
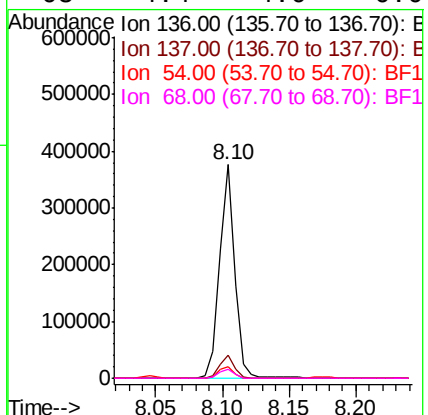
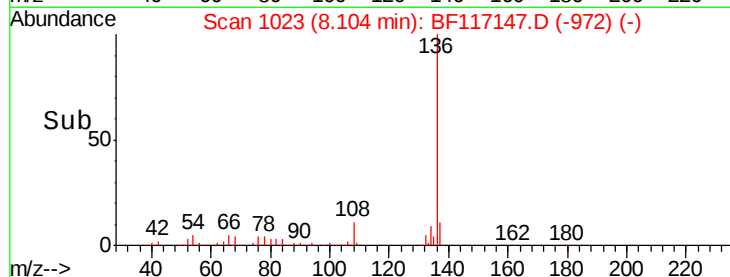
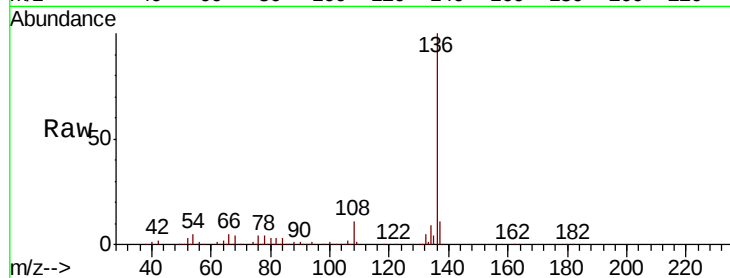
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.4 4.5 6.7

68 4.4 4.0 6.0



#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

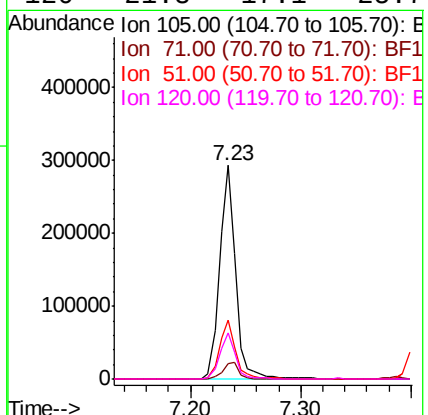
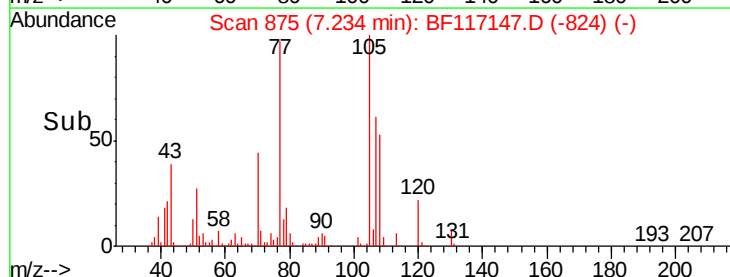
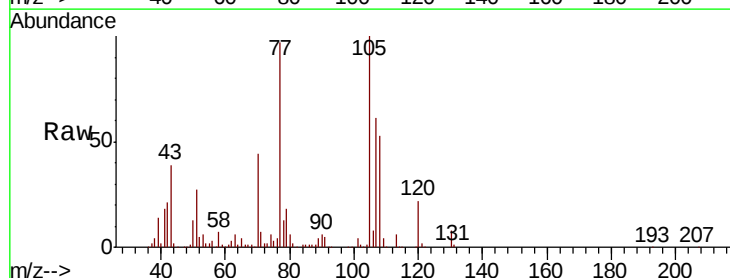
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 27.4 22.1 33.1

120 21.8 17.1 25.7

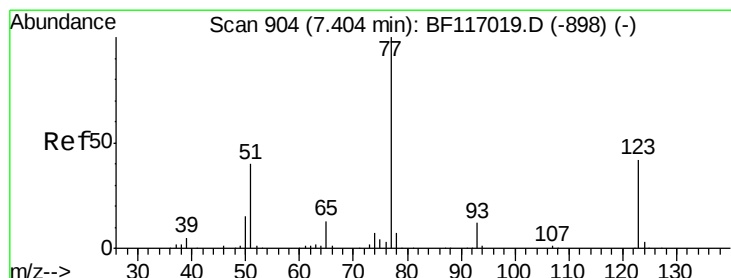
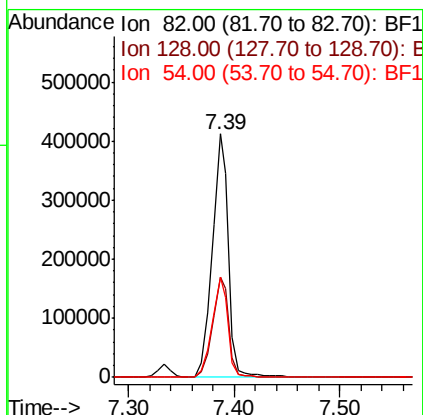
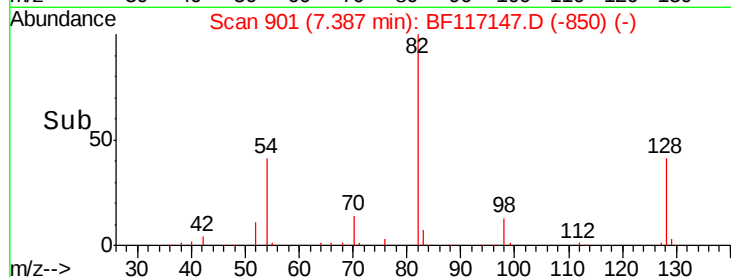
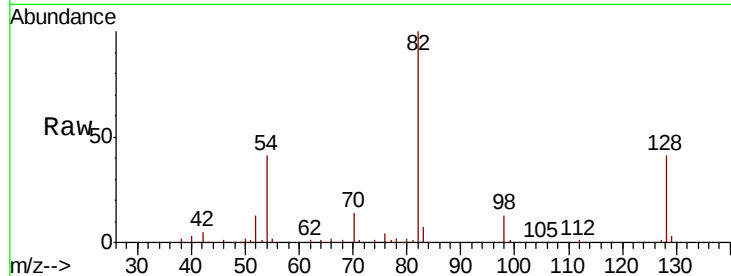




#23
 Nitrobenzene-d5
 Concen: 77.200 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

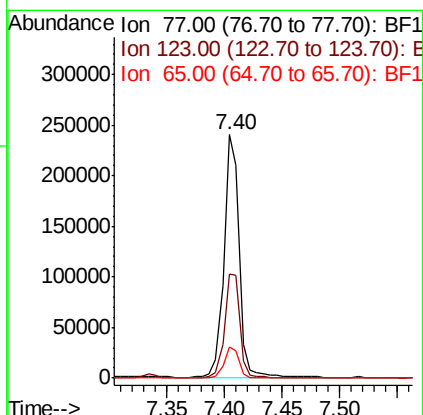
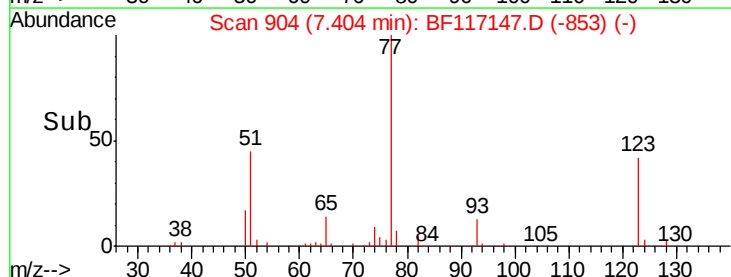
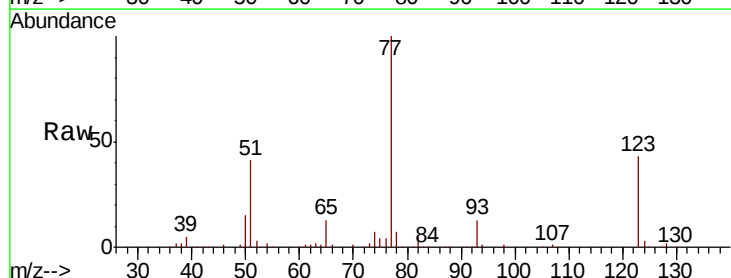
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	41.3	33.3	49.9



#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	Ratio	Lower	Upper
77	100		
123	42.7	33.5	50.3
65	12.7	10.5	15.7

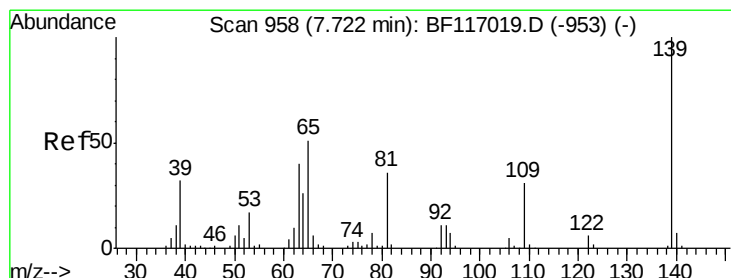
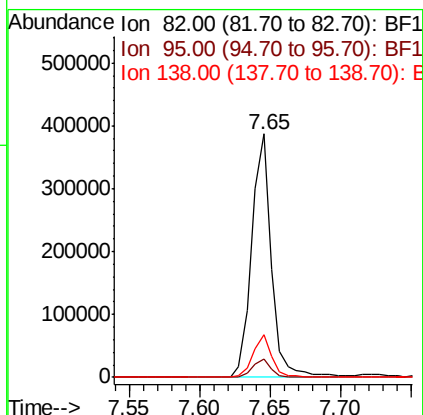
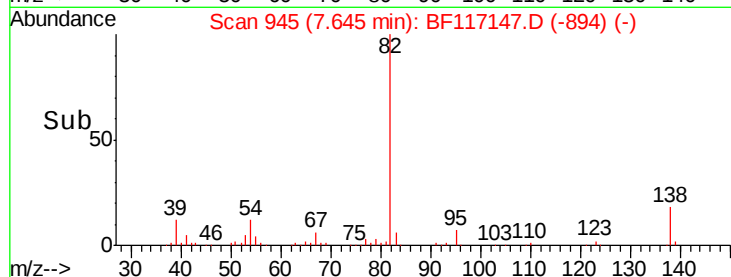
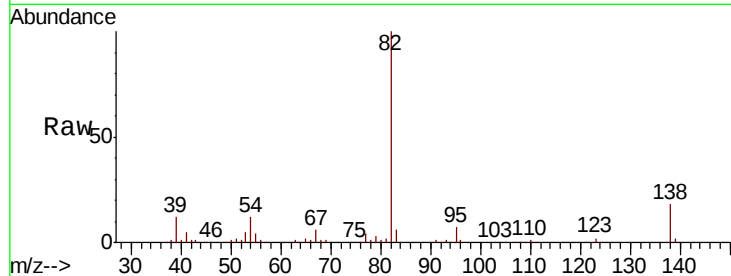




#25
Isophorone
Concen: 37.159 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

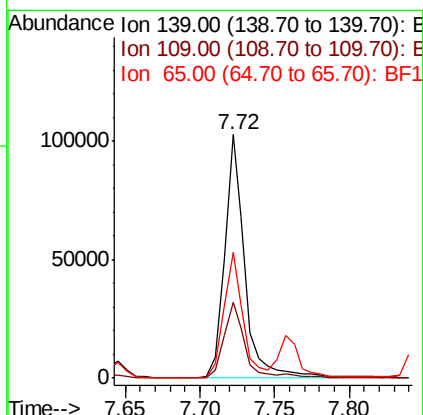
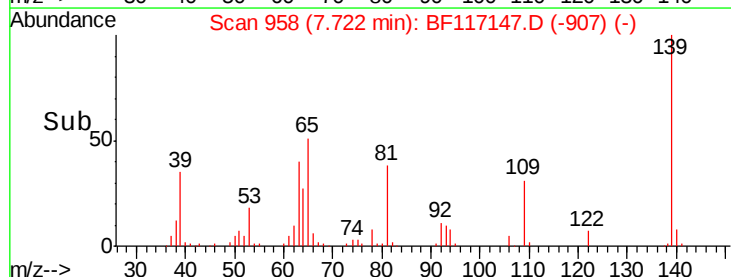
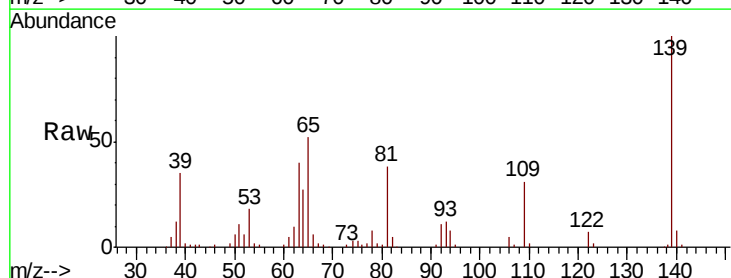
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

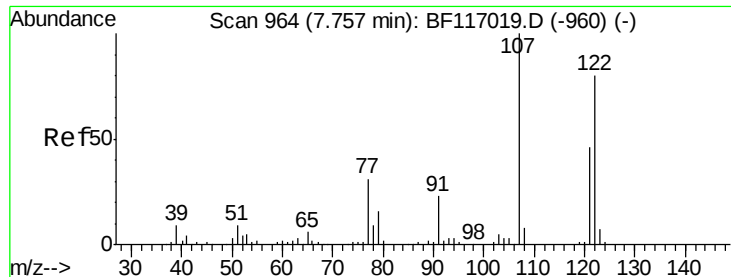
Tot Ion: 82 Resp: 381323
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.6 13.5 20.3



#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

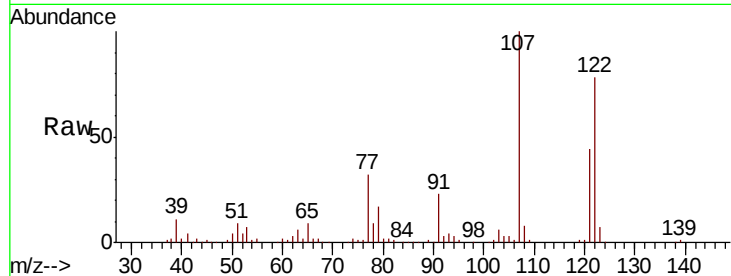




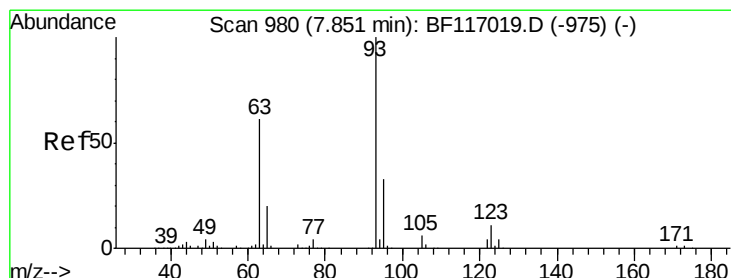
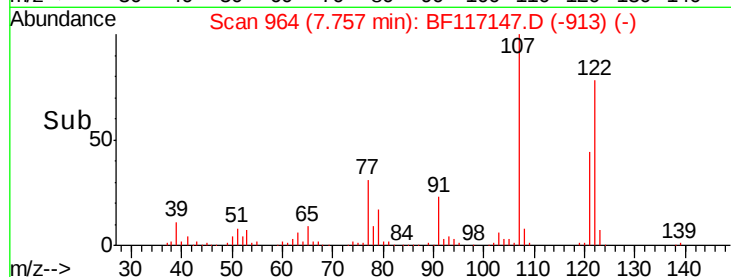
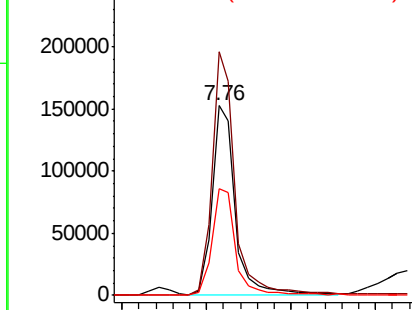
#27
 2,4-Dimethylphenol
 Concen: 37.710 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

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

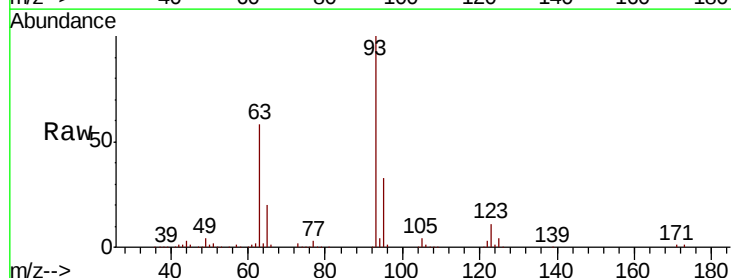


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

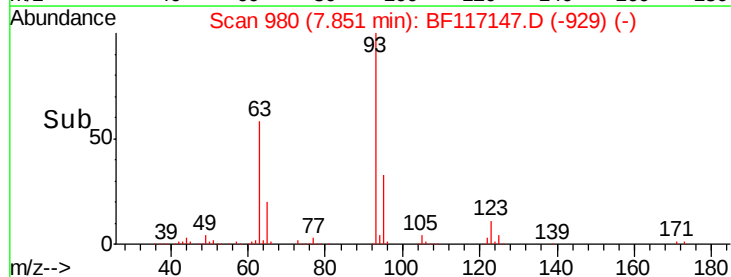
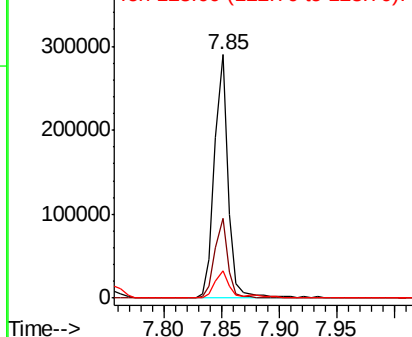


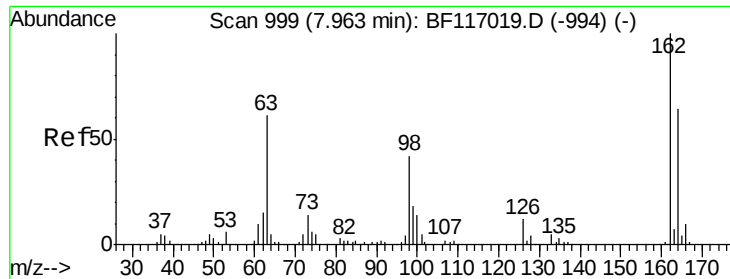
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.134 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

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

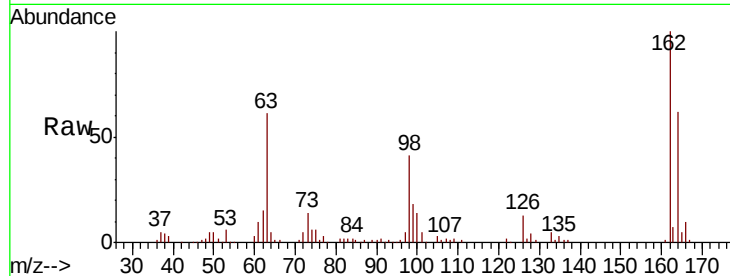




#29
 2,4-Dichlorophenol
 Concen: 39.077 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

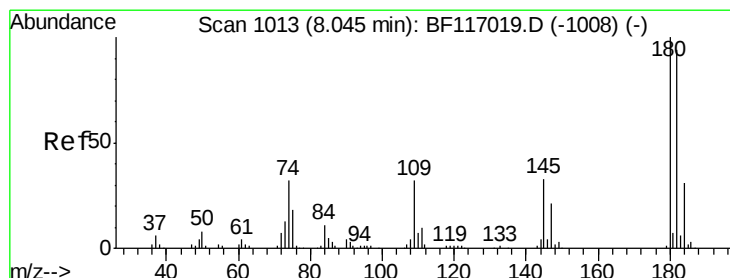
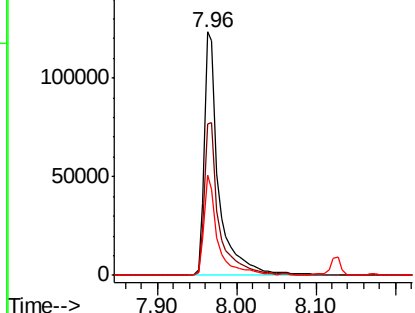
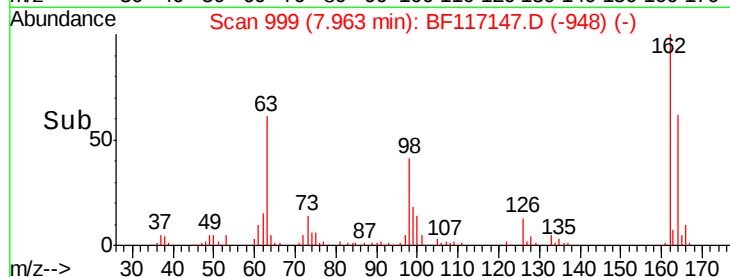


Abundance

Ion 162.00 (161.70 to 162.70): E

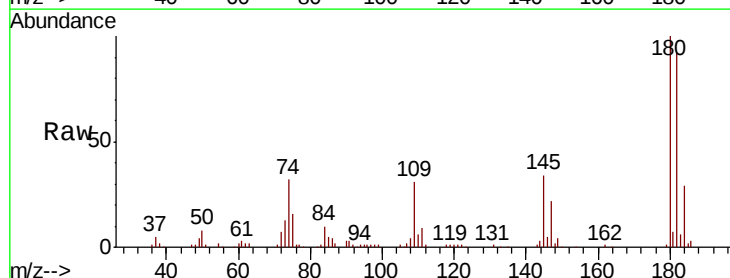
Ion 164.00 (163.70 to 164.70): E

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

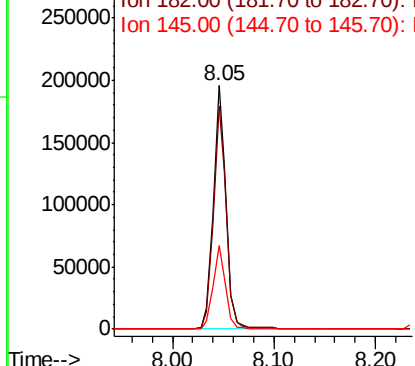
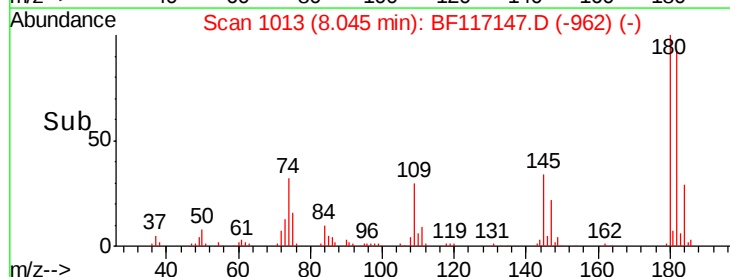


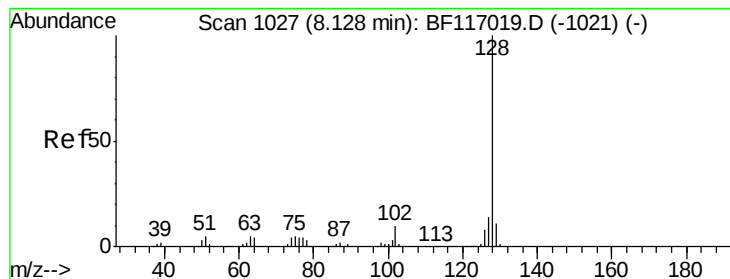
Abundance

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 :

SSTDCCC040EC

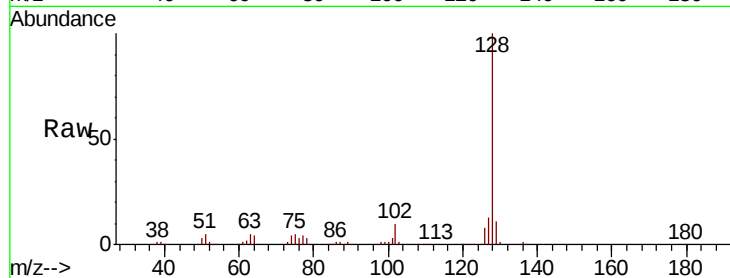
Tot Ion:128 Resp: 555660

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

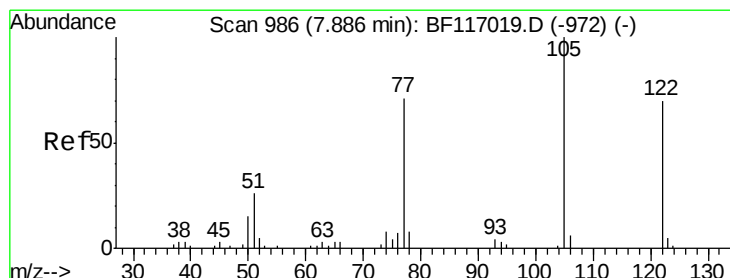
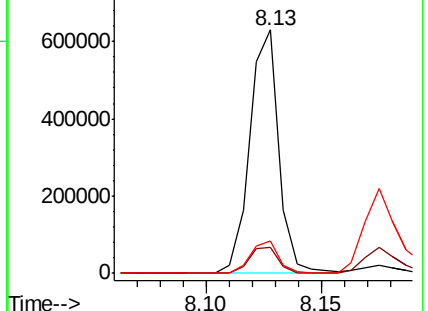
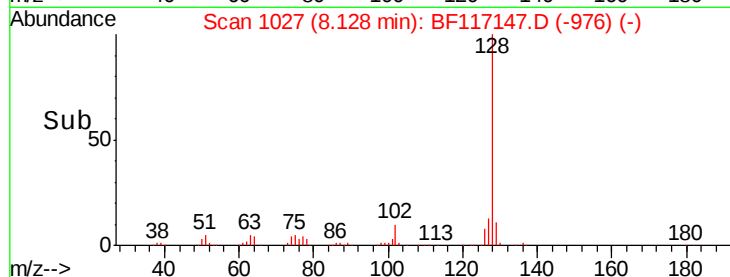
127 13.5 10.8 16.2



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

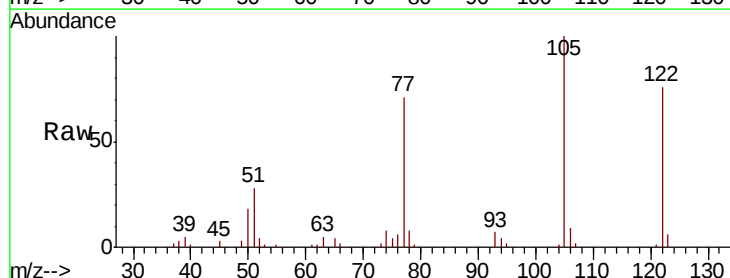
Tgt Ion:122 Resp: 85994

Ion Ratio Lower Upper

122 100

105 131.9 114.8 154.8

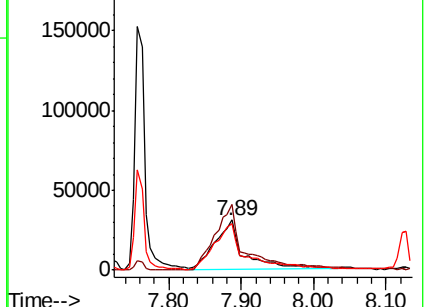
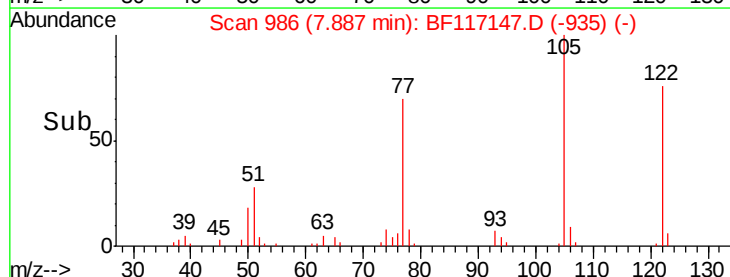
77 93.6 78.7 118.7

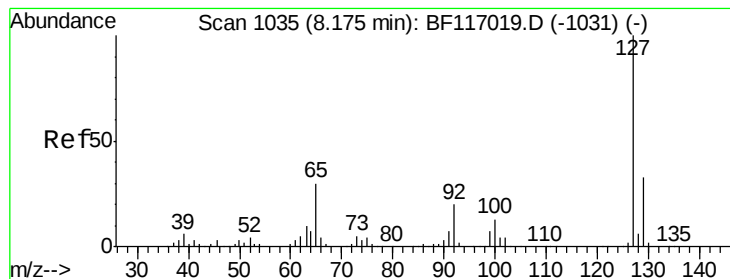


Abundance Ion 122.00 (121.70 to 122.70): E

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 :

SSTDCCC040EC

Tot Ion:127 Resp: 247441

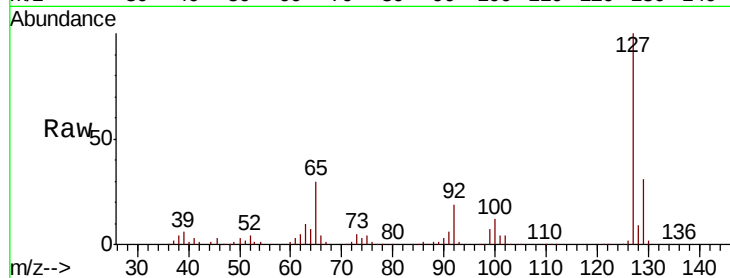
Ion Ratio Lower Upper

127 100

129 30.9 26.2 39.2

65 30.2 23.5 35.3

92 19.5 15.9 23.9

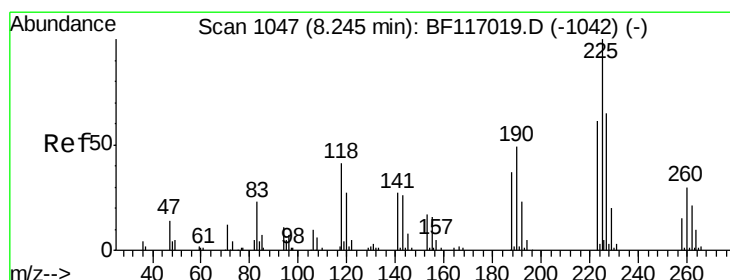
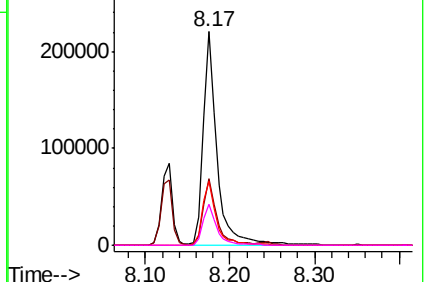
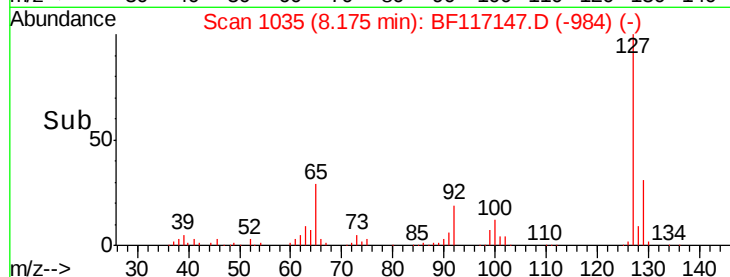


Abundance Ion 127.00 (126.70 to 127.70): E

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

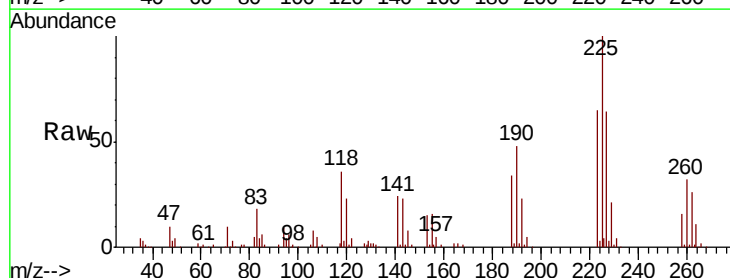
Tgt Ion:225 Resp: 97037

Ion Ratio Lower Upper

225 100

223 65.1 49.1 73.7

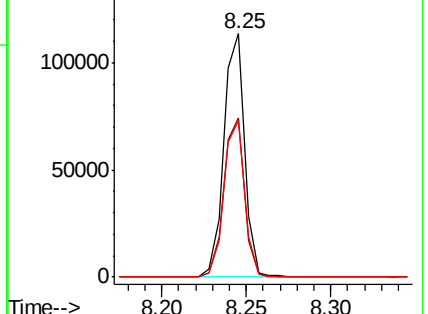
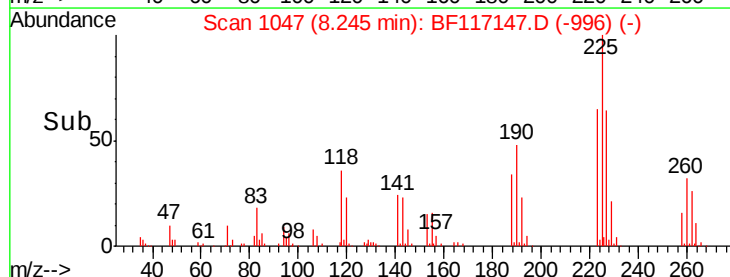
227 64.5 52.2 78.2

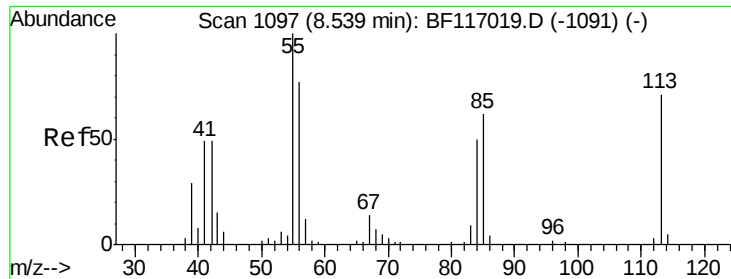


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

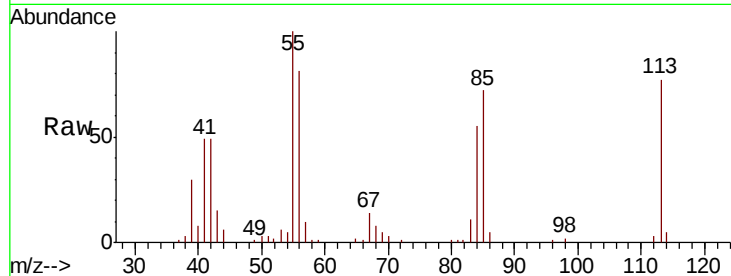




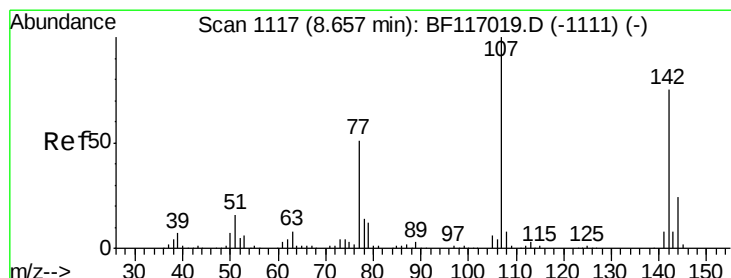
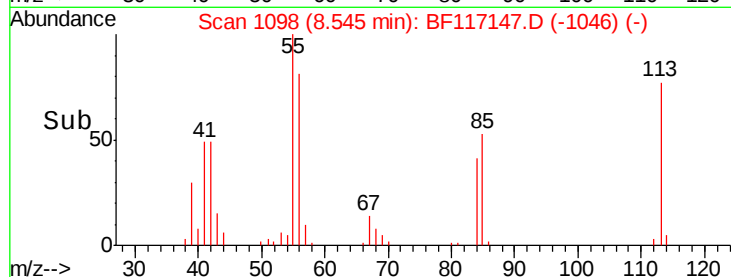
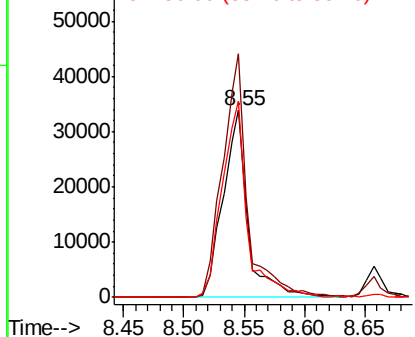
#35
Caprolactam
Concen: 34.785 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

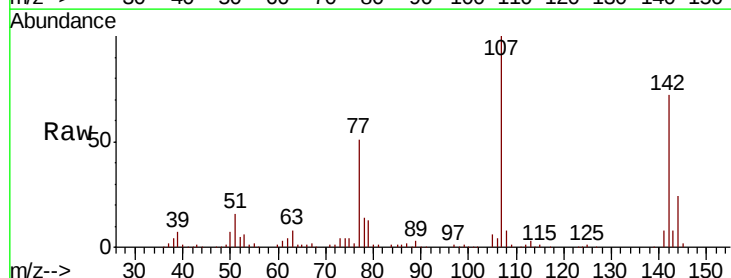


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

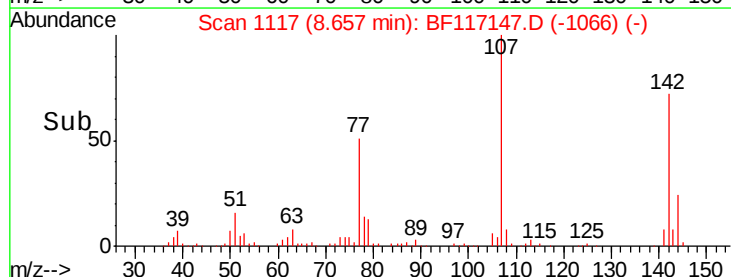
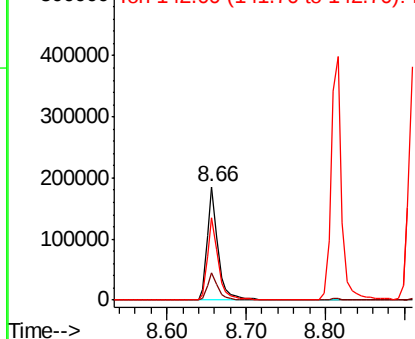


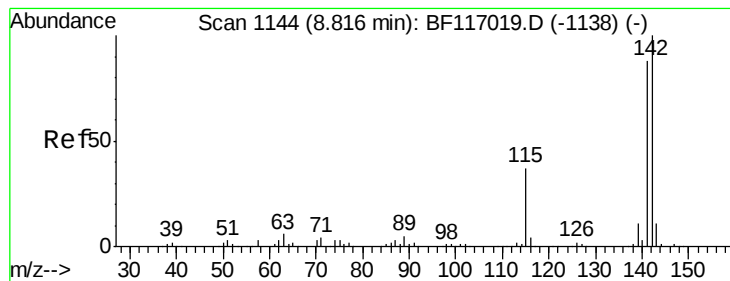
#36
4-Chloro-3-methylphenol
Concen: 37.727 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

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 :

SSTDCCC040EC

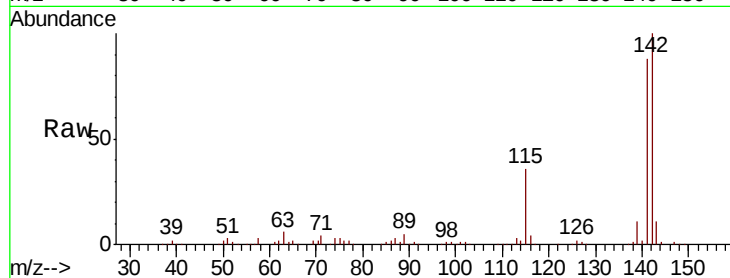
Tot Ion:142 Resp: 373224

Ion Ratio Lower Upper

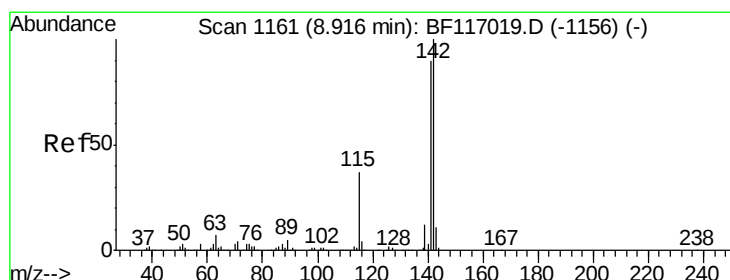
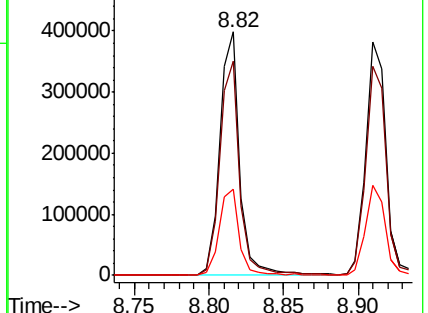
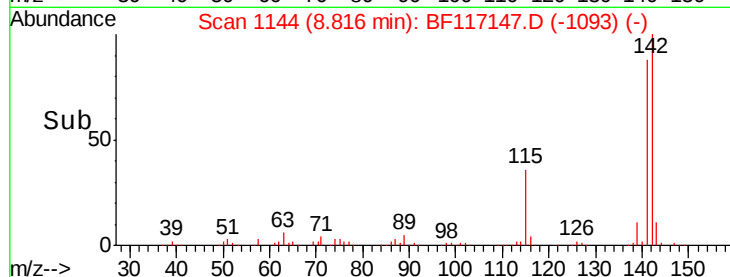
142 100

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

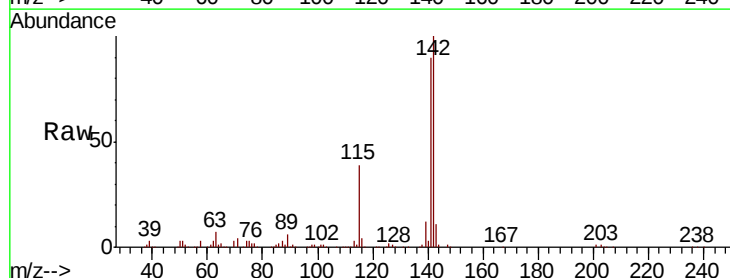
Tgt Ion:142 Resp: 353031

Ion Ratio Lower Upper

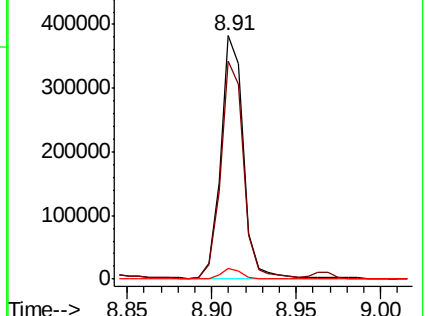
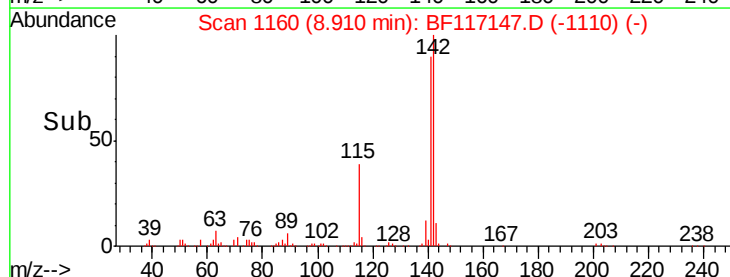
142 100

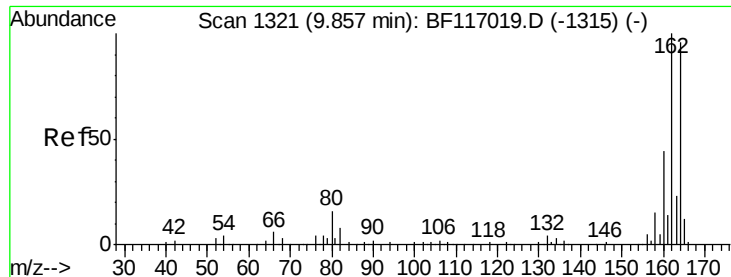
141 89.6 71.9 107.9

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 :

SSTDCCC040EC

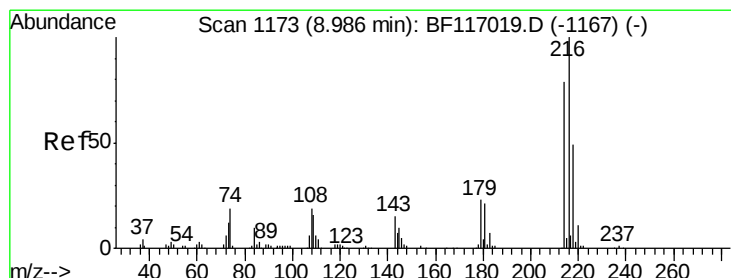
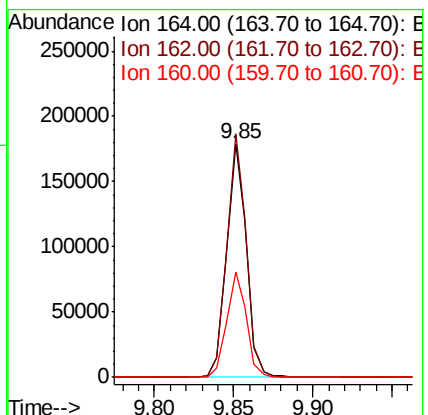
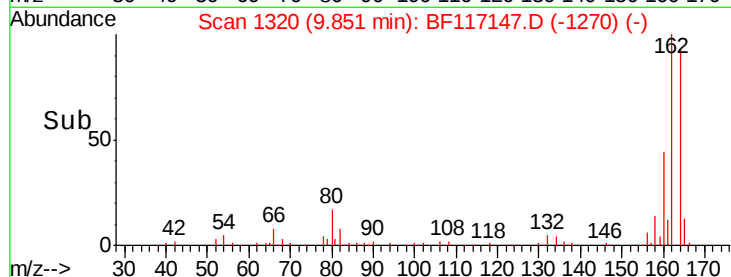
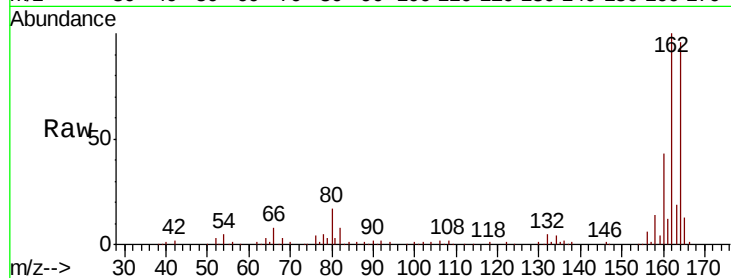
Tot Ion:164 Resp: 153097

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.2

160 45.3 36.4 54.6



#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

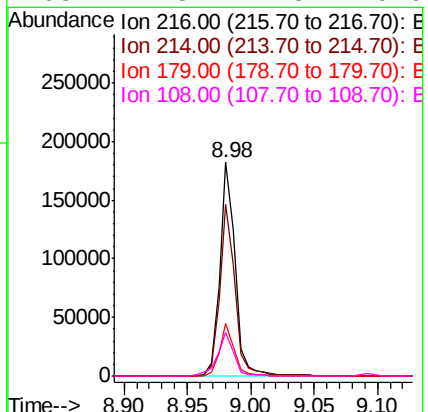
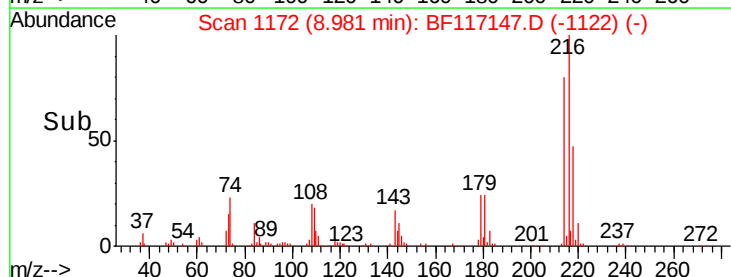
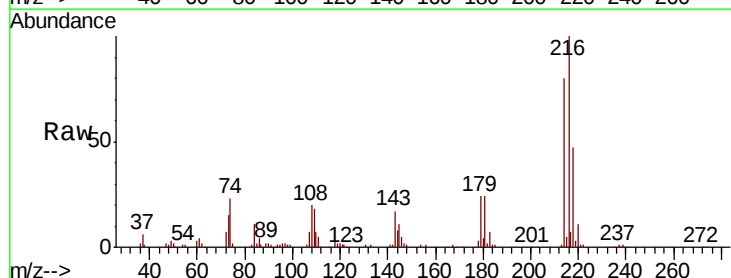
Ion Ratio Lower Upper

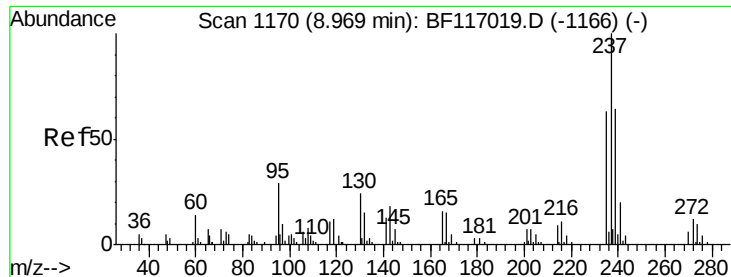
216 100

214 79.7 63.6 95.4

179 23.5 18.3 27.5

108 21.8 17.8 26.6





#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 :

SSTDCCC040EC

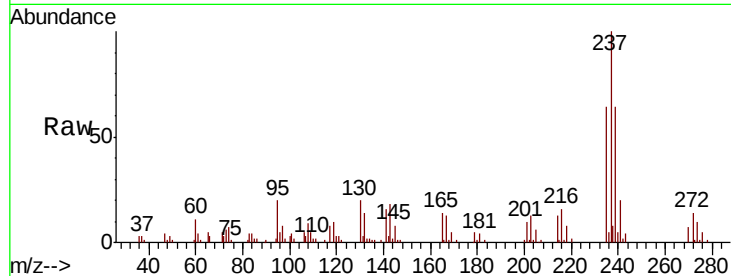
Tot Ion:237 Resp: 53385

Ion Ratio Lower Upper

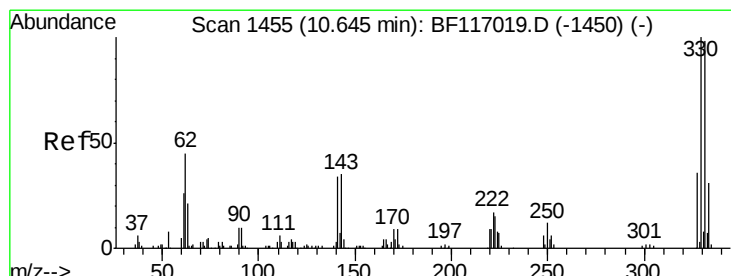
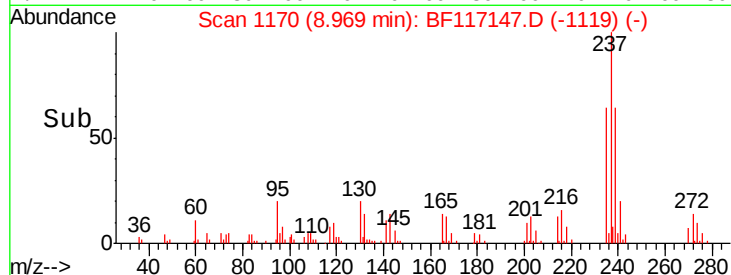
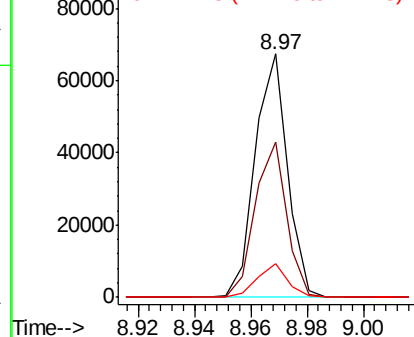
237 100

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

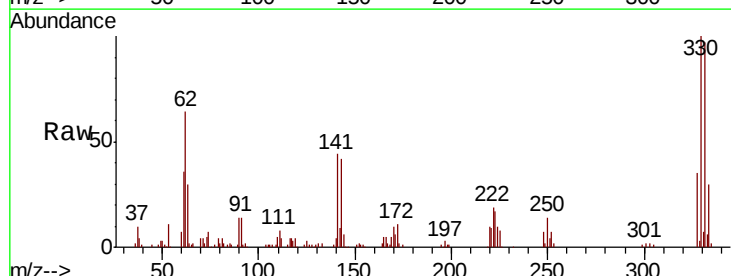
Tgt Ion:330 Resp: 97114

Ion Ratio Lower Upper

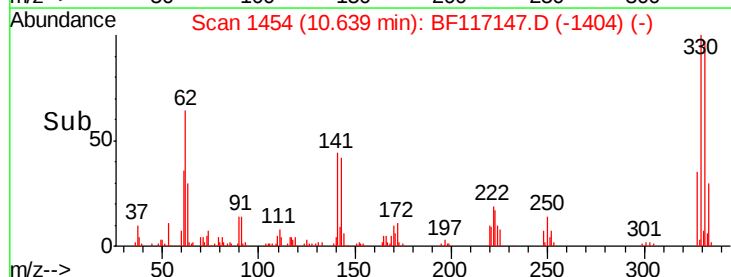
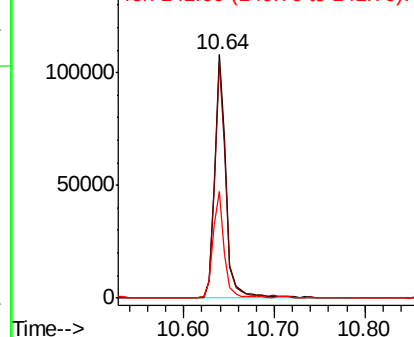
330 100

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

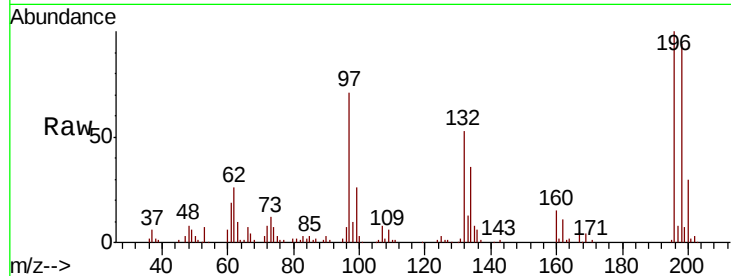




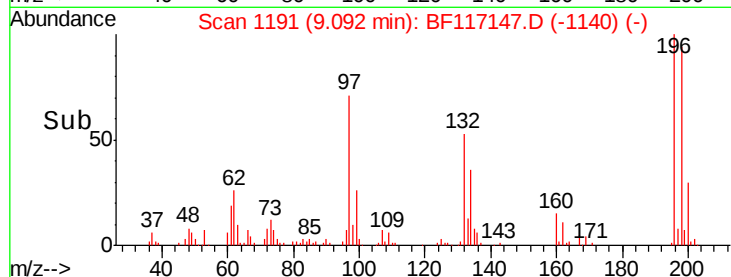
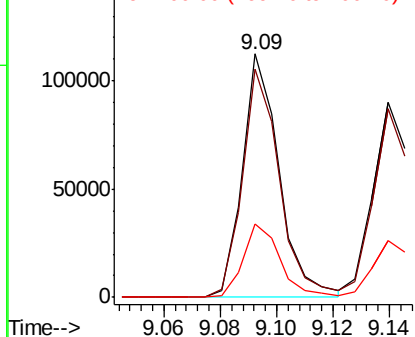
#43
 2,4,6-Trichlorophenol
 Concen: 37.774 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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



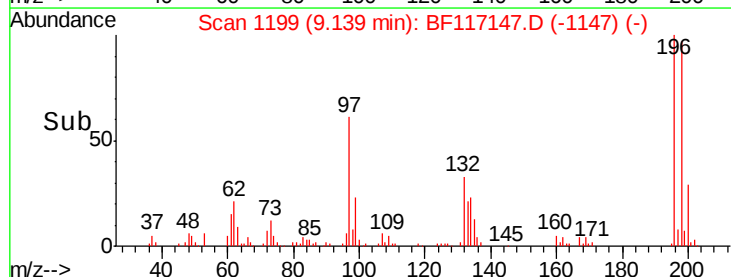
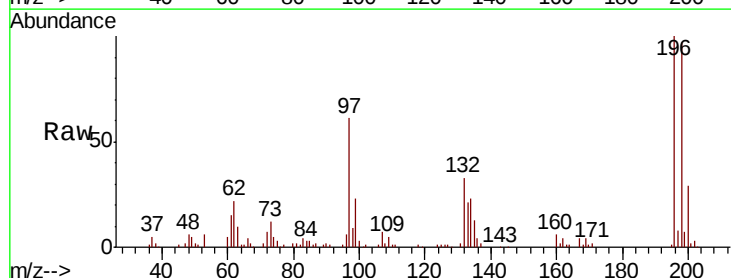
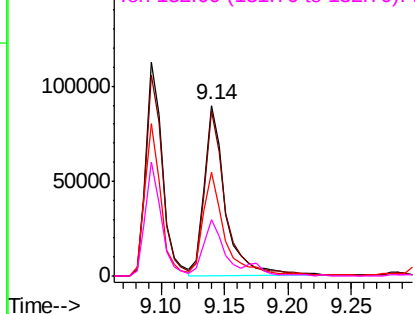
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

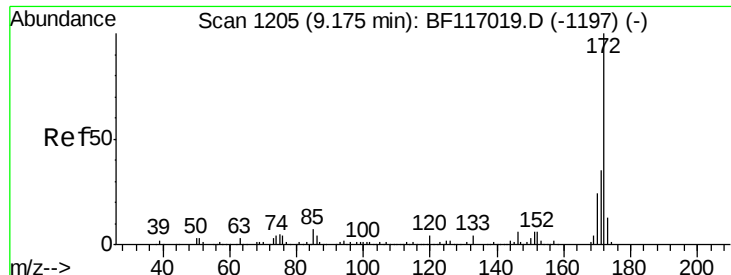


#44
 2,4,5-Trichlorophenol
 Concen: 35.859 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

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

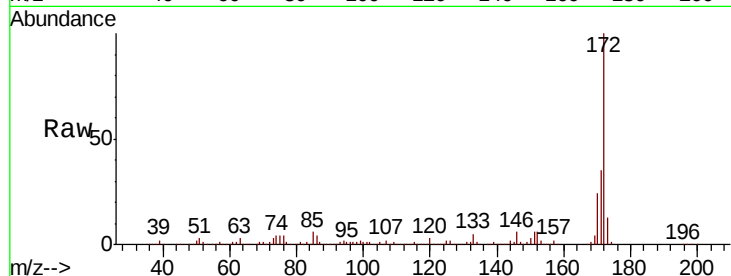




#45
2-Fluorobiphenyl
Concen: 78.565 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.5	18.9	28.3

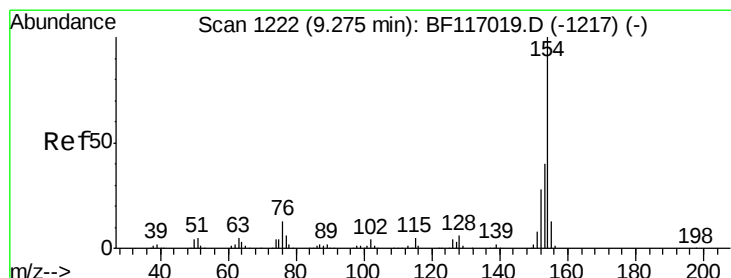
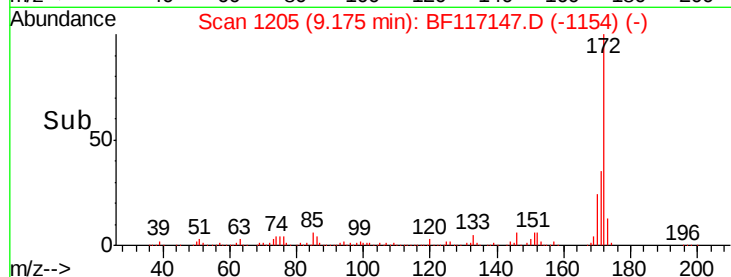
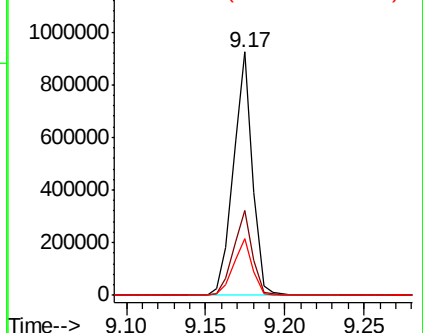


Abundance

Ion 172.00 (171.70 to 172.70): E

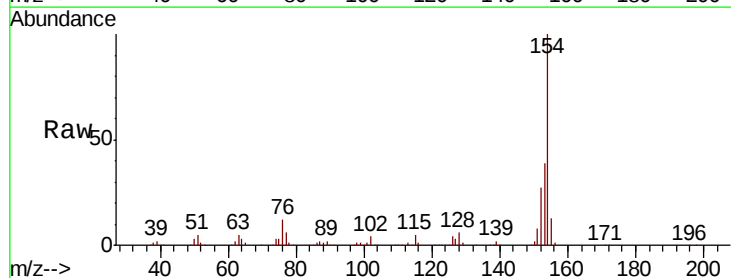
Ion 171.00 (170.70 to 171.70): E

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	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	12.0	0.0	32.7

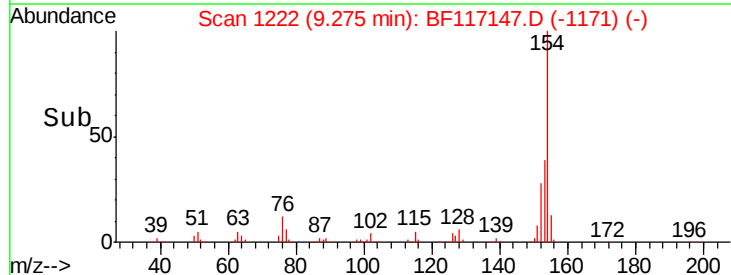
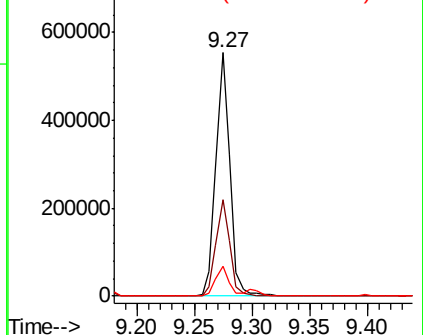


Abundance

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

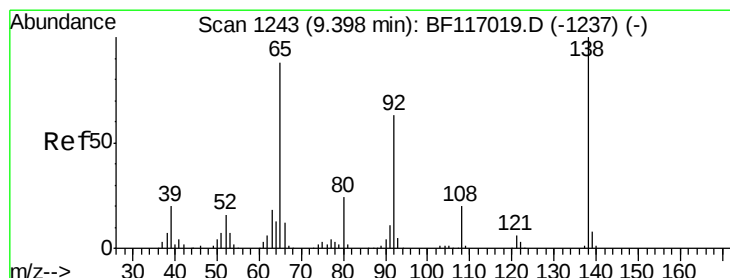
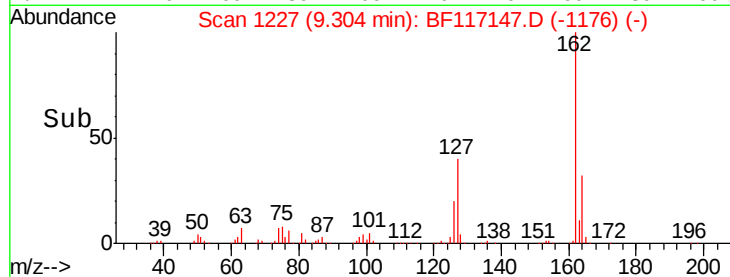
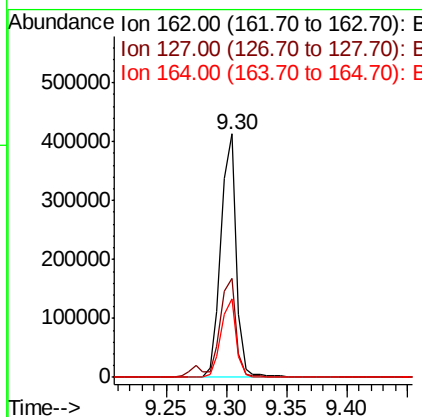
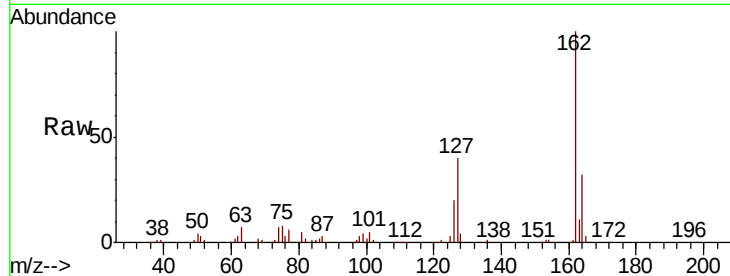




#47
2-Chloronaphthalene
Concen: 38.329 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

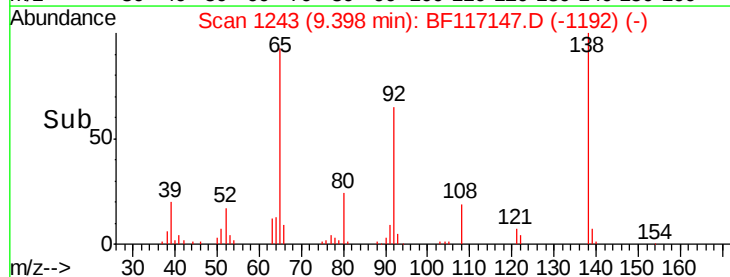
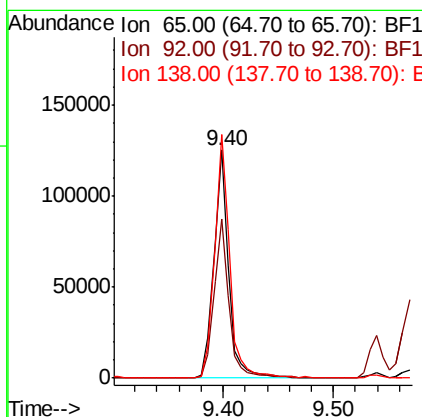
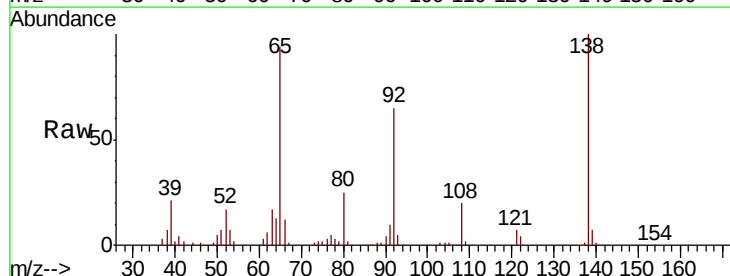
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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 :

SSTDCCC040EC

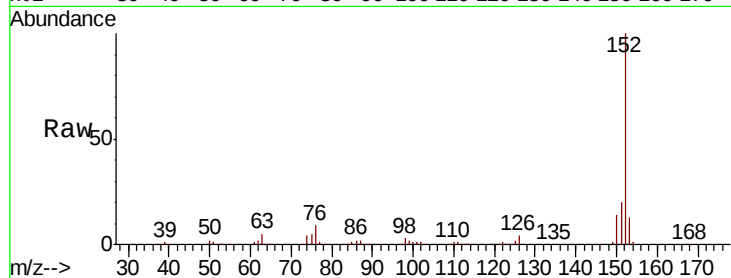
Tot Ion:152 Resp: 541079

Ion Ratio Lower Upper

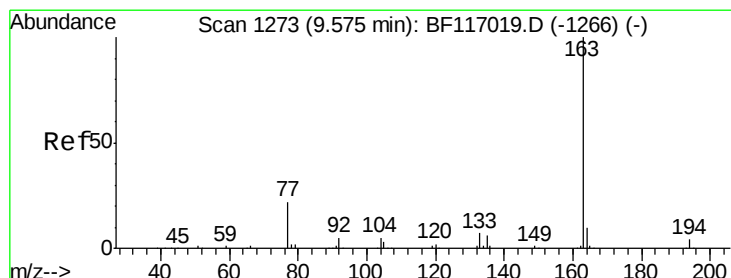
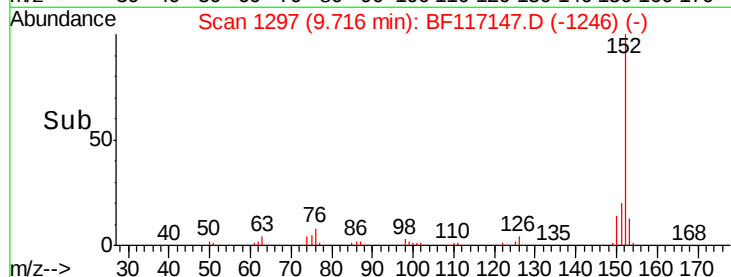
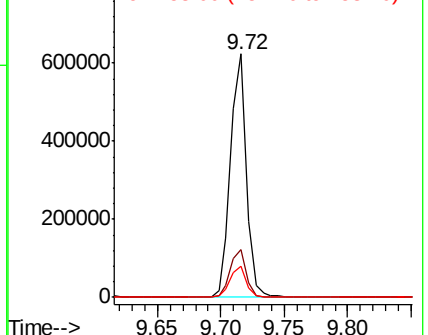
152 100

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

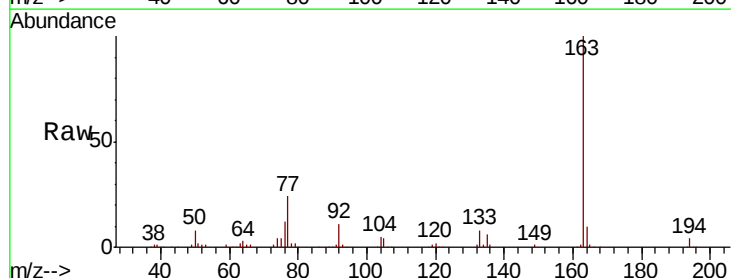
Tgt Ion:163 Resp: 400819

Ion Ratio Lower Upper

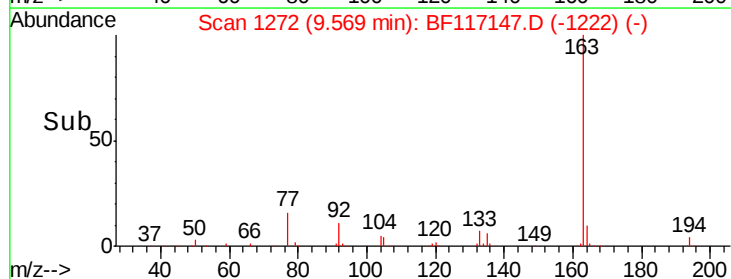
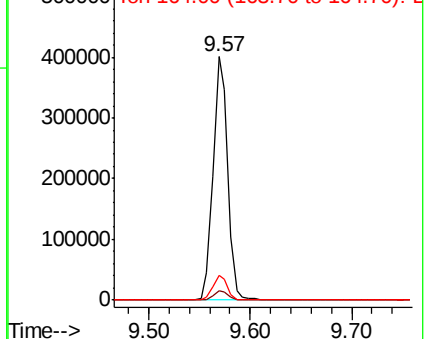
163 100

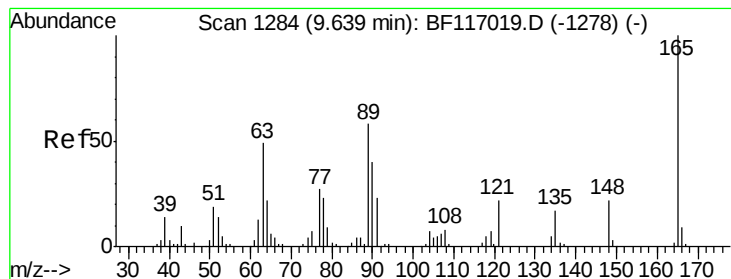
194 3.7 2.9 4.3

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

ClientSampleId :

SSTDCCC040EC

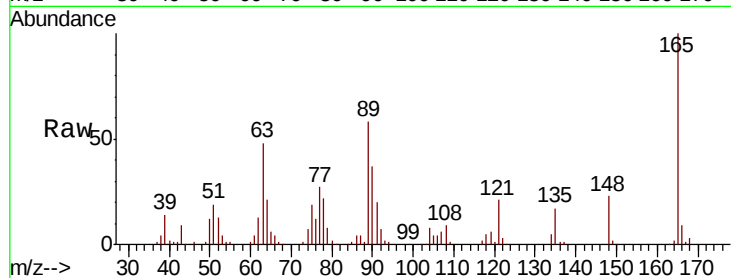
Tot Ion:165 Resp: 86489

Ion Ratio Lower Upper

165 100

63 47.7 41.8 62.8

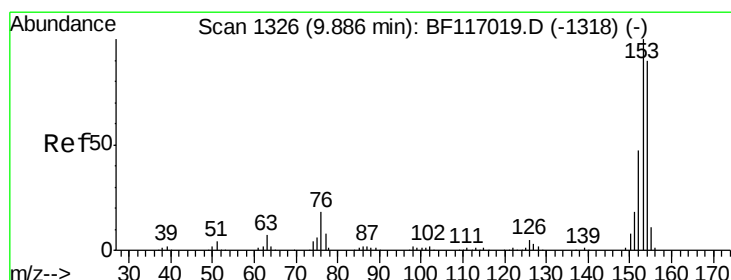
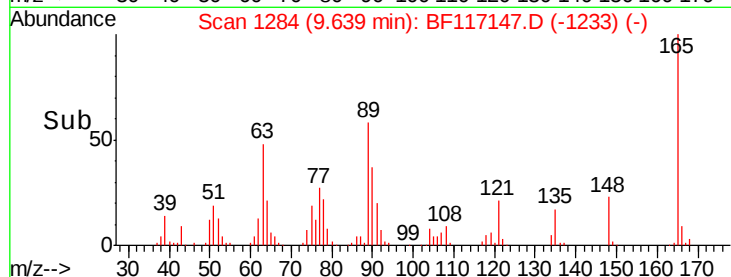
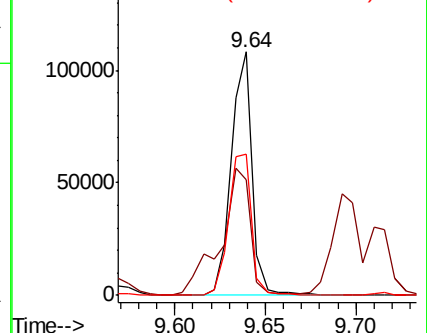
89 57.8 46.5 69.7



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

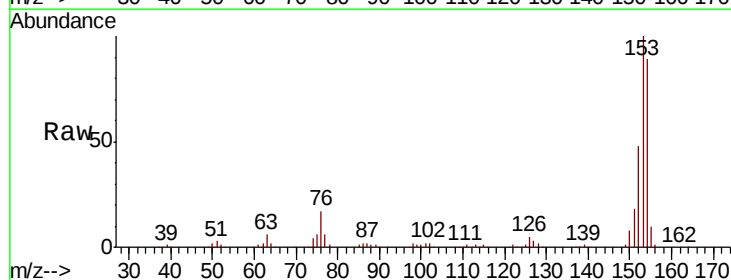
Tgt Ion:154 Resp: 313854

Ion Ratio Lower Upper

154 100

153 112.0 89.0 133.6

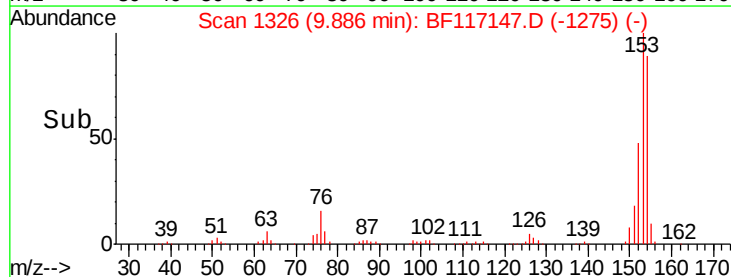
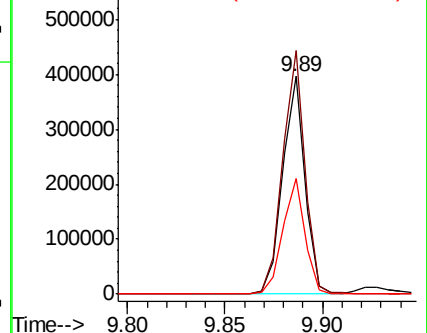
152 53.3 41.9 62.9

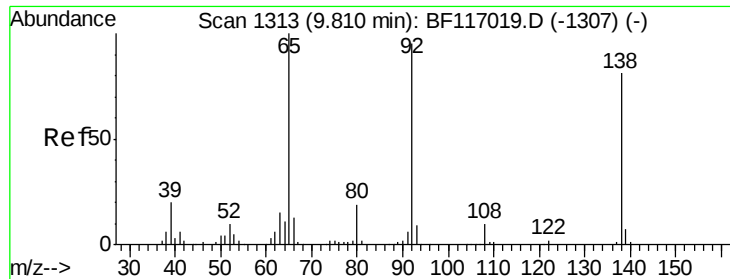


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

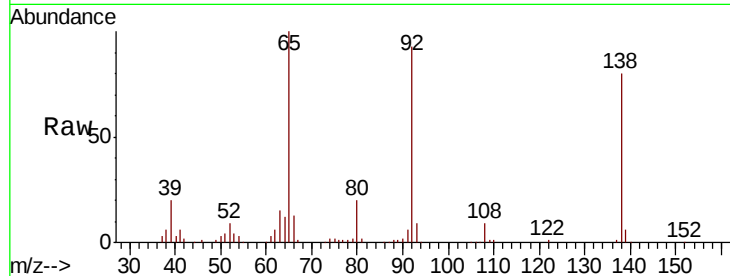




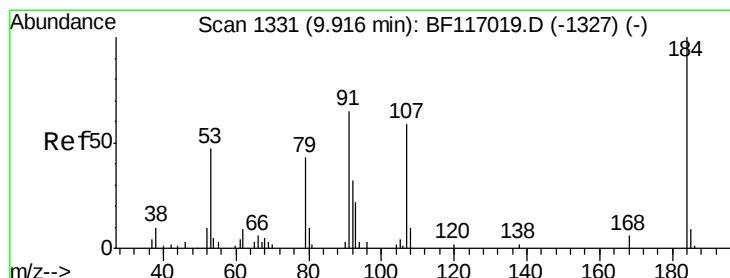
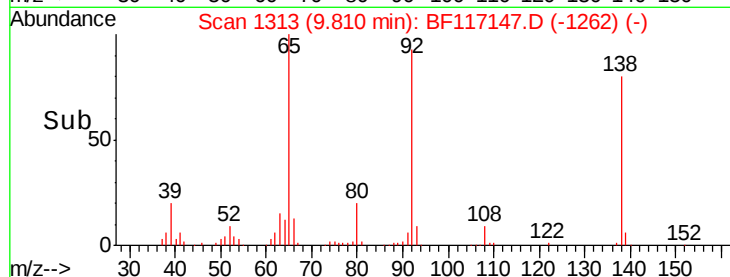
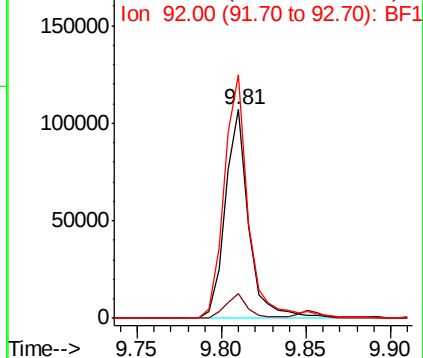
#53
3-Nitroaniline
Concen: 37.004 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

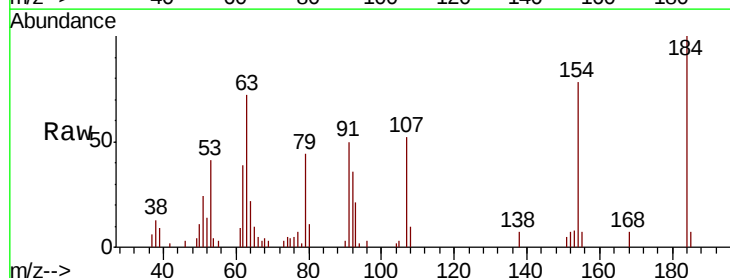


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

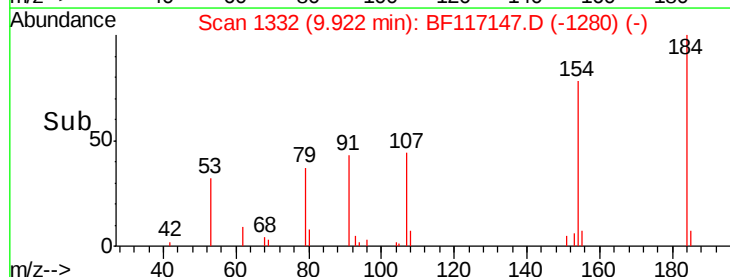
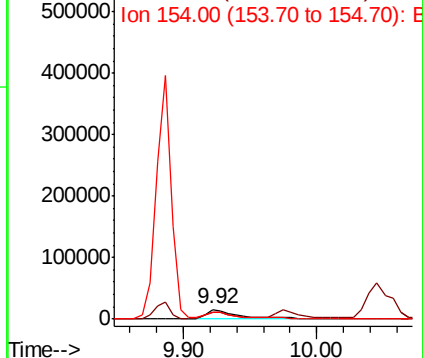


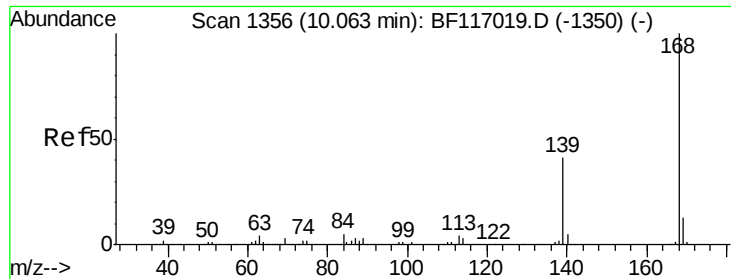
#54
2,4-Dinitrophenol
Concen: 33.832 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

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

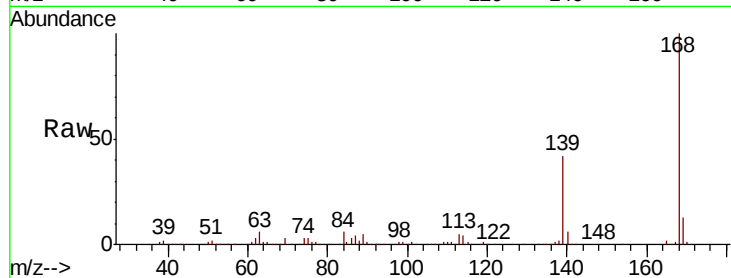




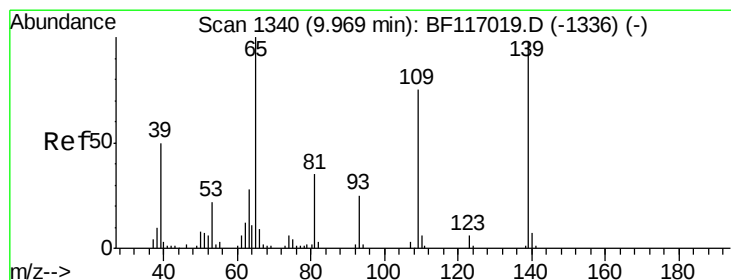
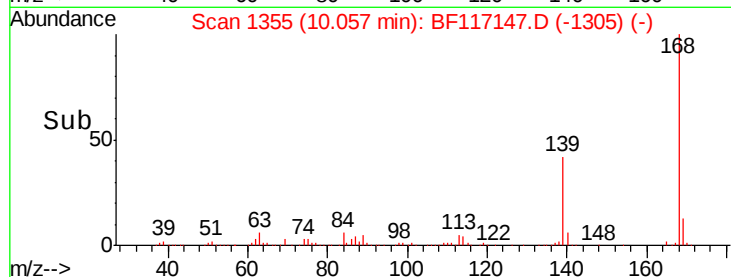
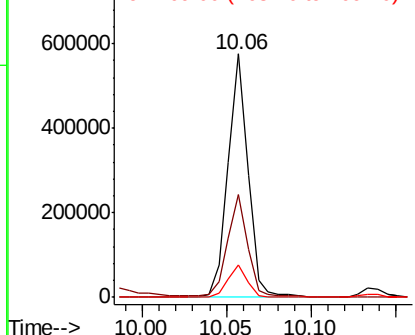
#55
Dibenzenofuran
Concen: 38.138 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 473586
Ion Ratio Lower Upper
168 100
139 42.4 32.8 49.2
169 13.3 10.5 15.7

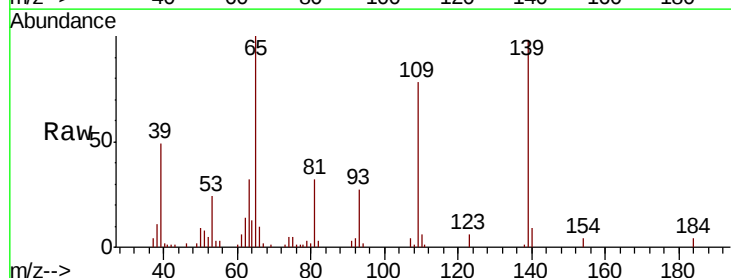


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

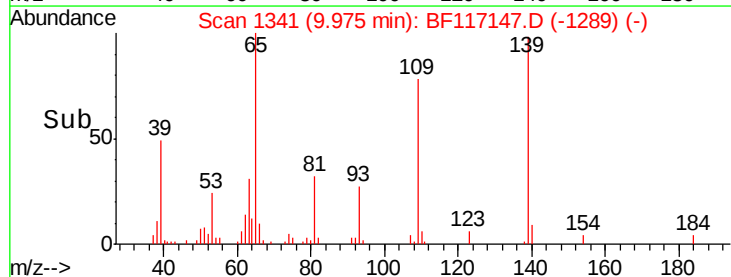
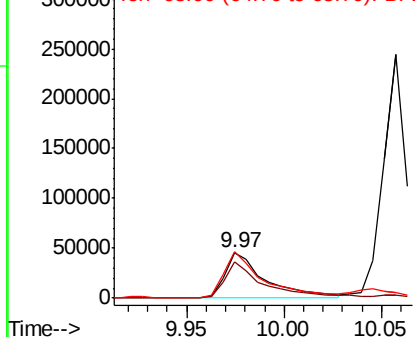


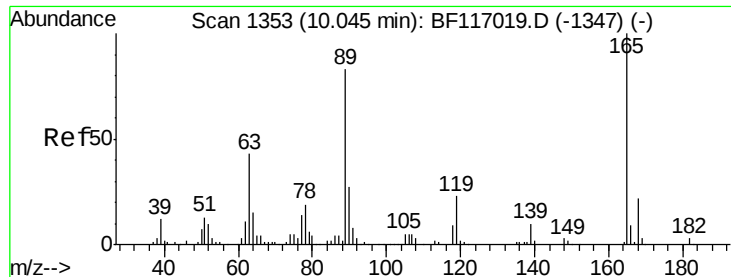
#56
4-Nitrophenol
Concen: 36.239 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:139 Resp: 65423
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 :

SSTDCCC040EC

Tot Ion:165 Resp: 111211

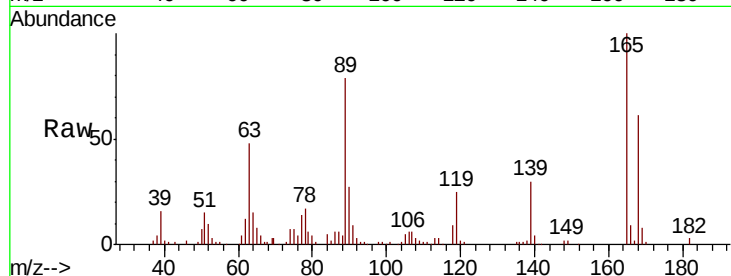
Ion Ratio Lower Upper

165 100

63 47.5 35.0 52.4

89 79.5 66.1 99.1

182 2.6 2.0 3.0

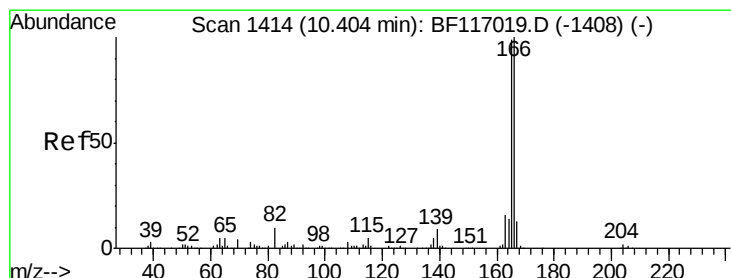
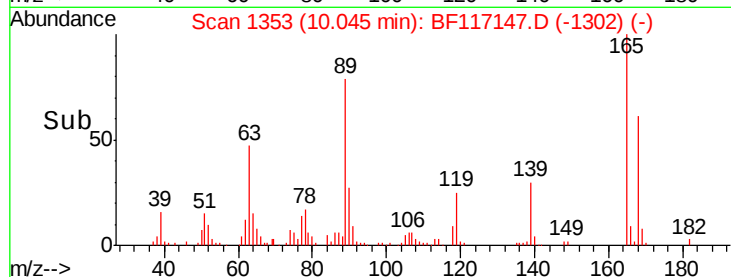
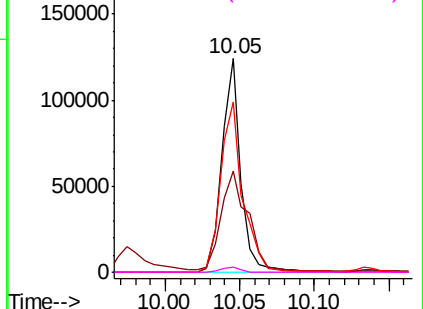


Abundance Ion 165.00 (164.70 to 165.70): E

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

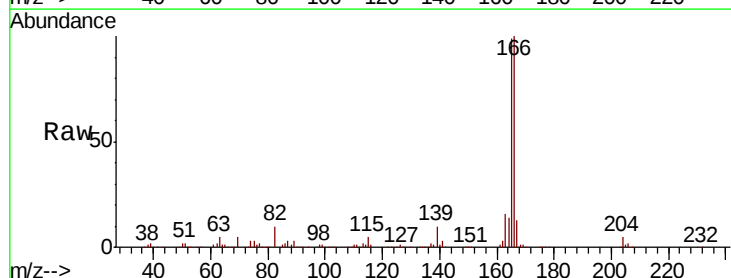
Tgt Ion:166 Resp: 378787

Ion Ratio Lower Upper

166 100

165 98.5 78.9 118.3

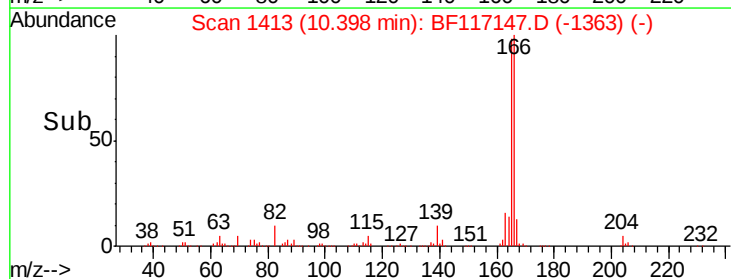
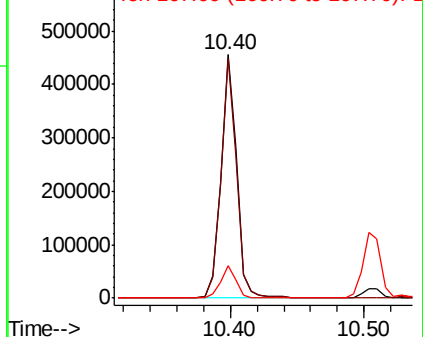
167 13.3 10.6 15.8



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 :

SSTDCCC040EC

Tot Ion:232 Resp: 85112

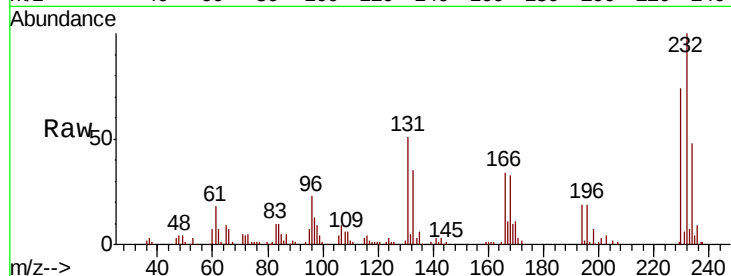
Ion Ratio Lower Upper

232 100

131 55.9 45.3 67.9

130 2.1 1.8 2.8

166 32.8 29.4 44.2

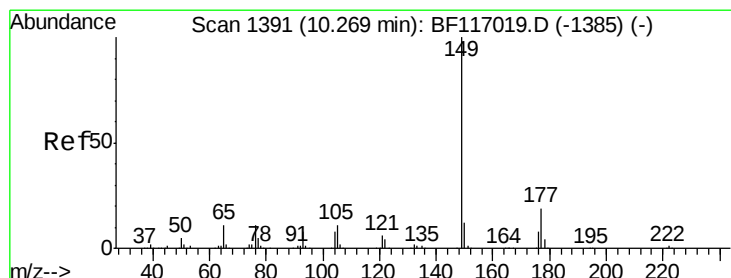
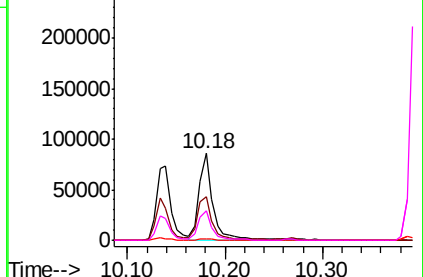
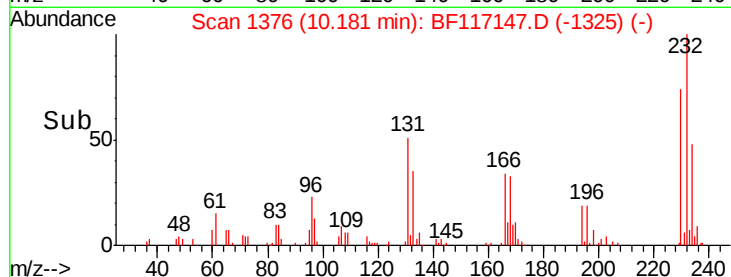


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 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

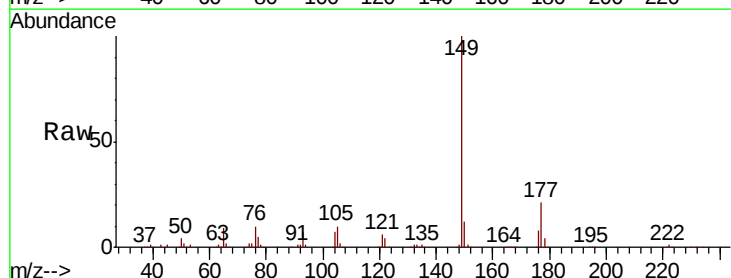
Tgt Ion:149 Resp: 401275

Ion Ratio Lower Upper

149 100

177 20.6 15.2 22.8

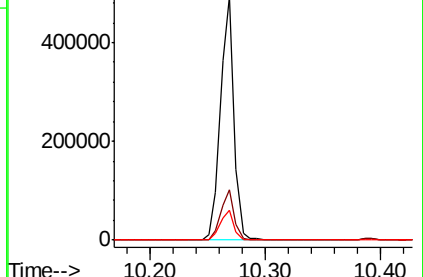
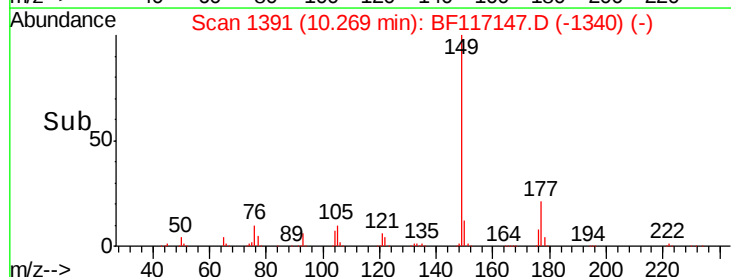
150 12.3 9.9 14.9

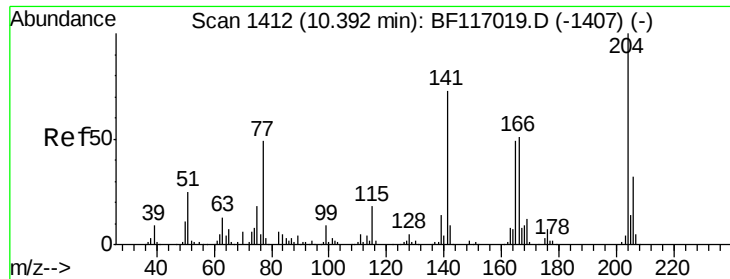


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

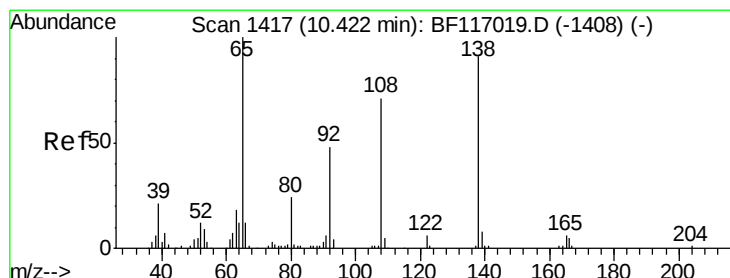
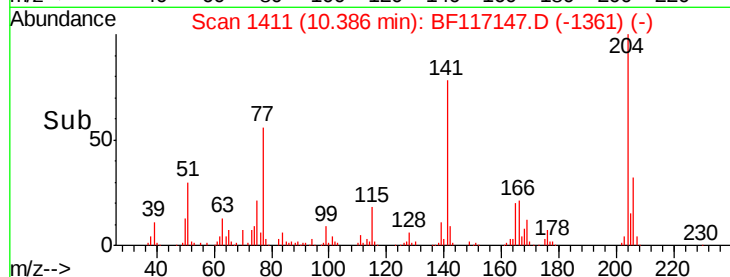
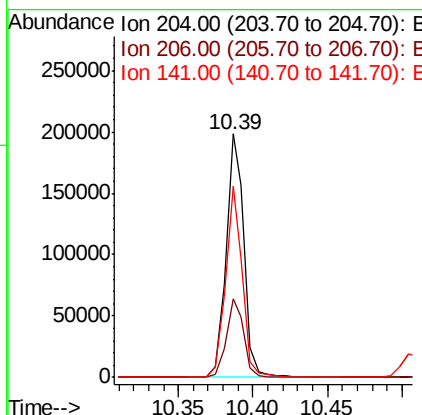
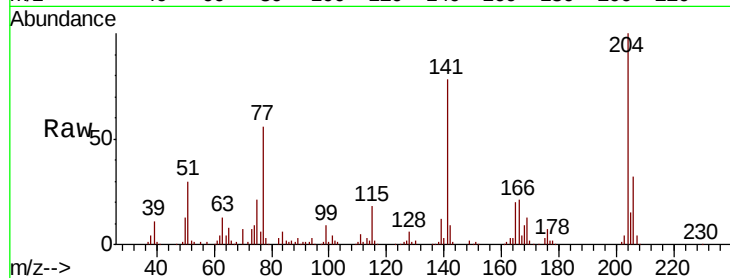




#61
4-Chlorophenyl-phenylether
Concen: 38.861 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

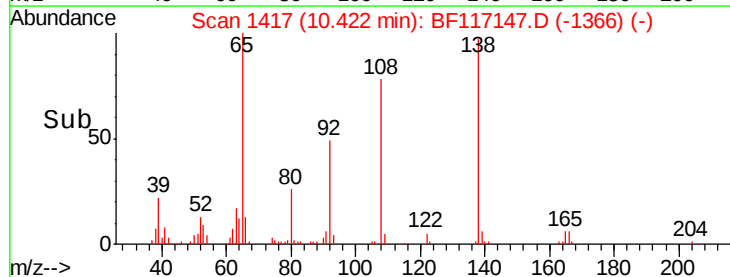
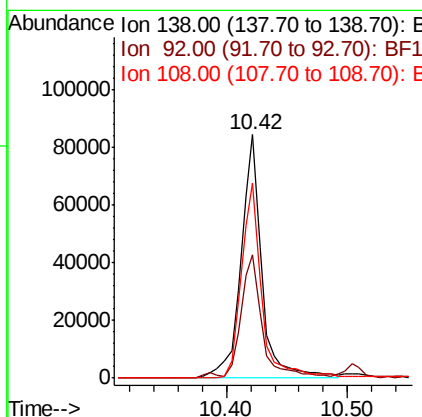
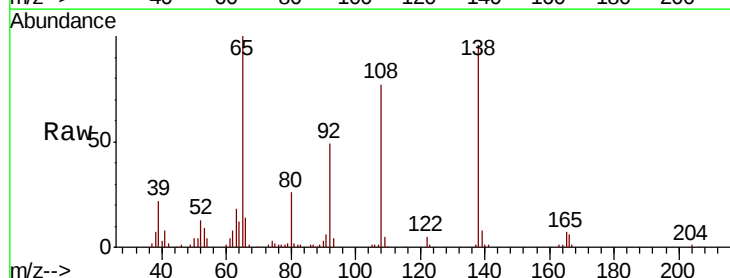
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

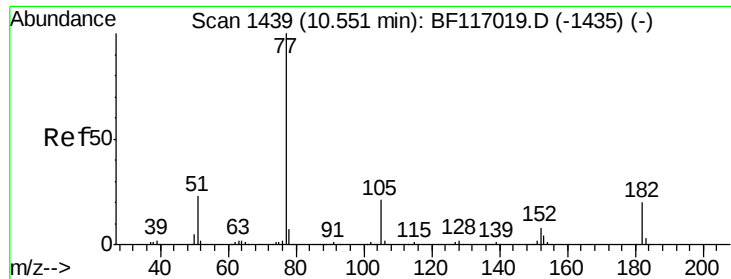
Tot Ion:204 Resp: 168186
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 78.3 58.2 87.2



#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 :

SSTDCCC040EC

Tot Ion: 77 Resp: 404182

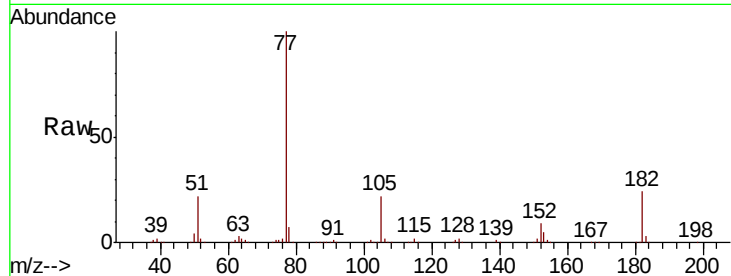
Ion Ratio Lower Upper

77 100

182 24.4 0.4 40.4

105 22.0 0.9 40.9

51 22.0 2.8 42.8

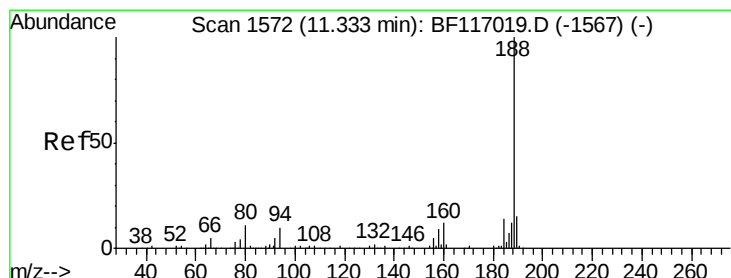
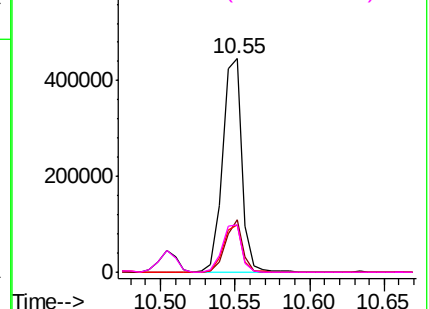
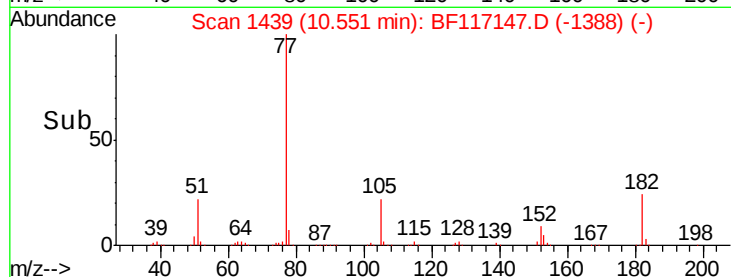


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

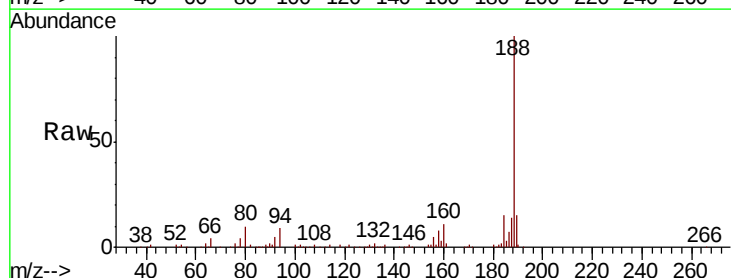
Tgt Ion: 188 Resp: 237121

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

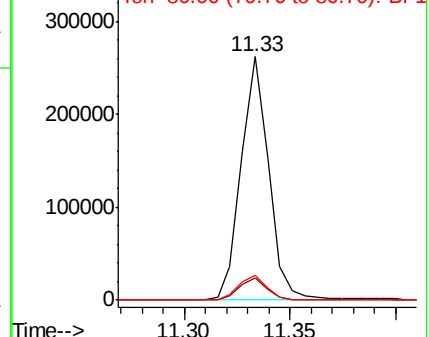
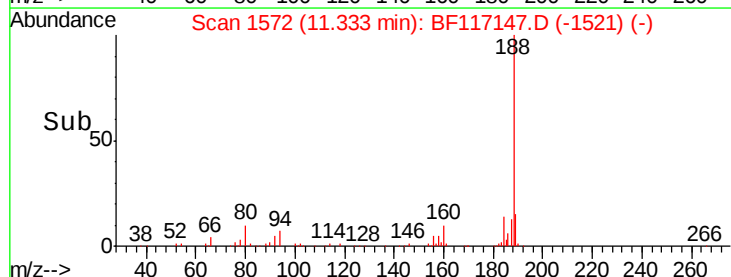
80 10.0 9.0 13.6



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

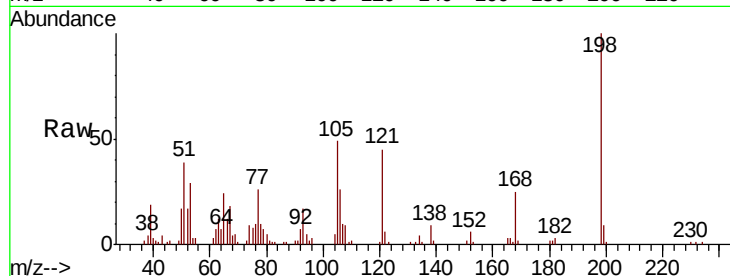




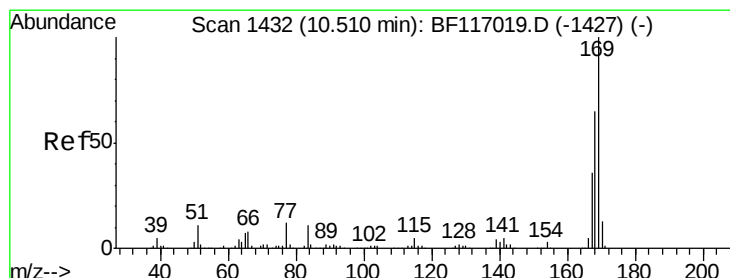
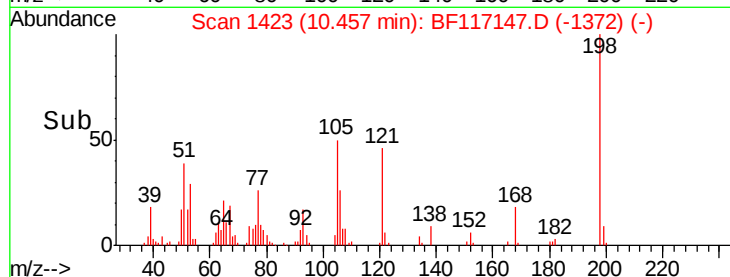
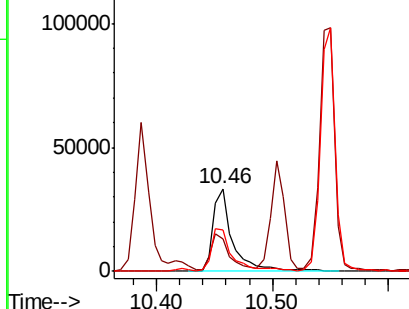
#65
4,6-Dinitro-2-methylphenol
Concen: 37.957 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

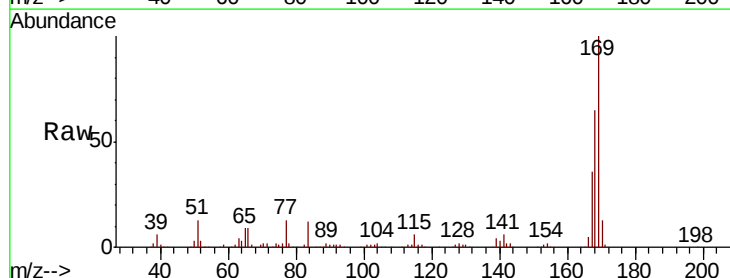


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

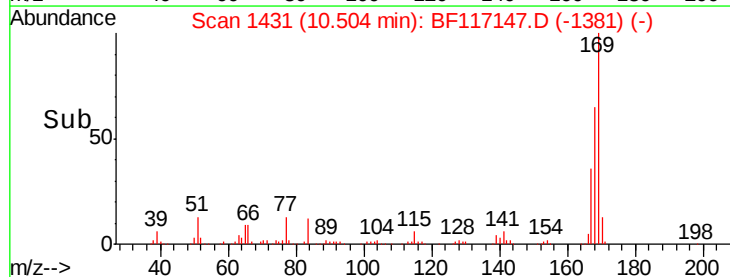
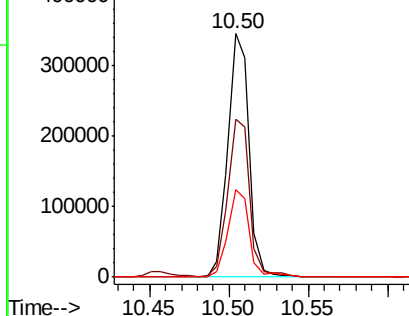


#66
n-Nitrosodiphenylamine
Concen: 39.207 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion	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

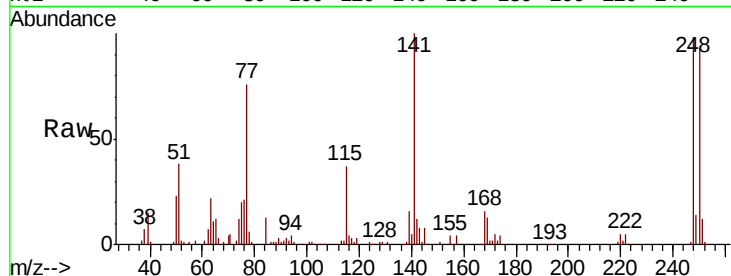




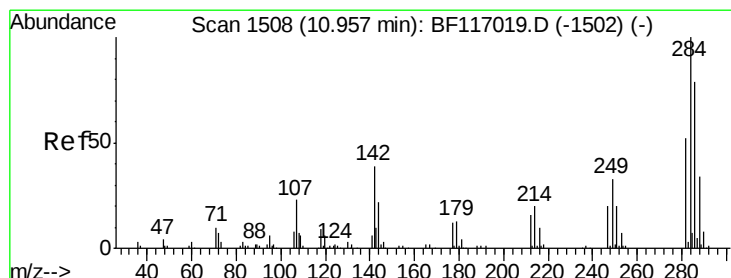
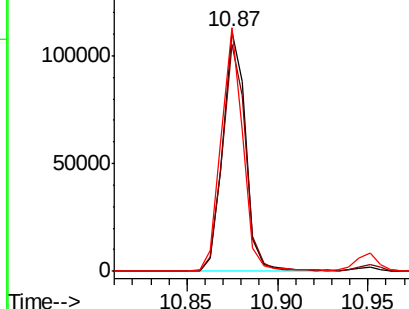
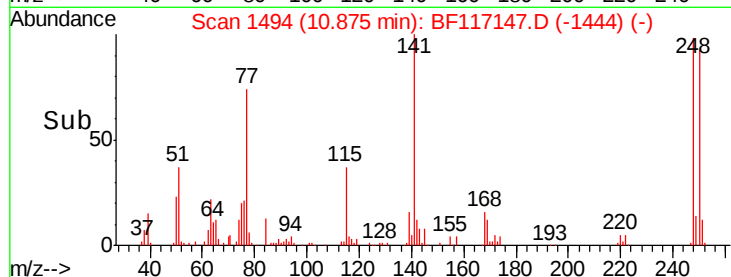
#67
 4-Bromophenyl-phenylether
 Concen: 40.222 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

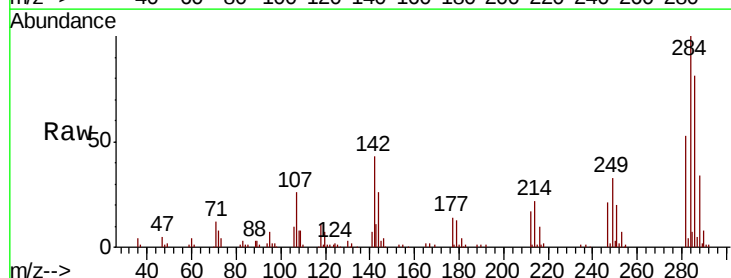


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

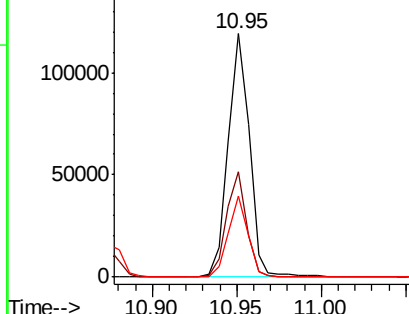
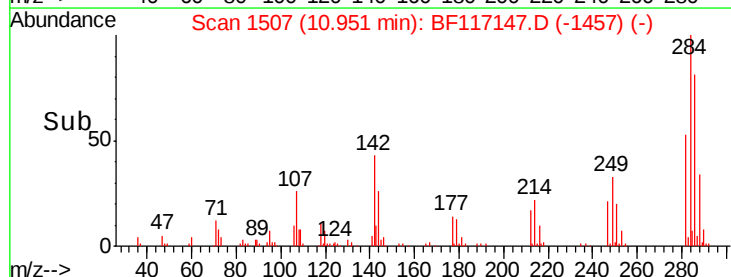


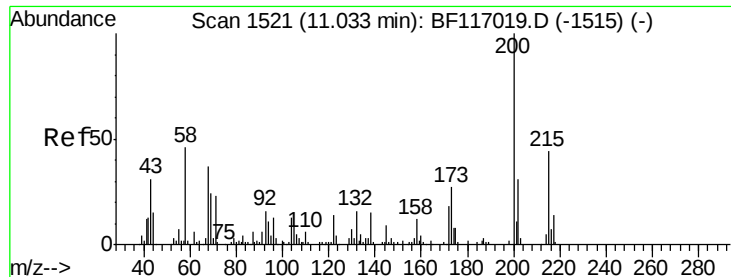
#68
 Hexachlorobenzene
 Concen: 39.285 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

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 :

SSTDCCC040EC

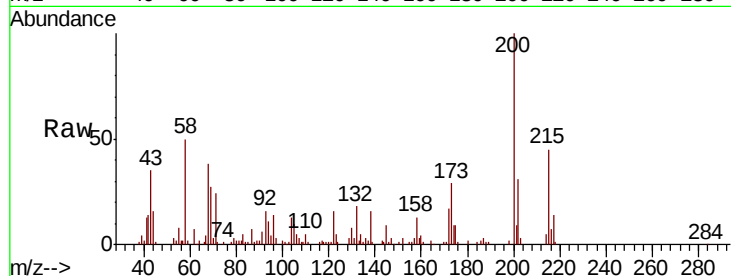
Tot Ion:200 Resp: 79737

Ion Ratio Lower Upper

200 100

173 29.1 6.9 46.9

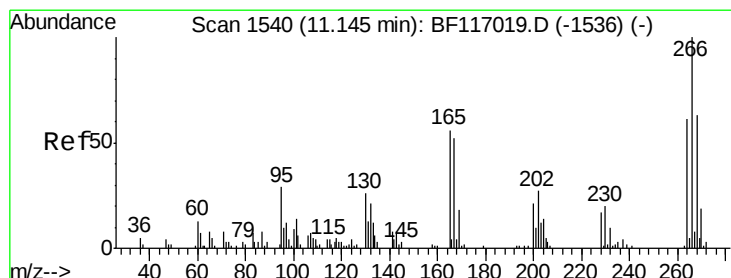
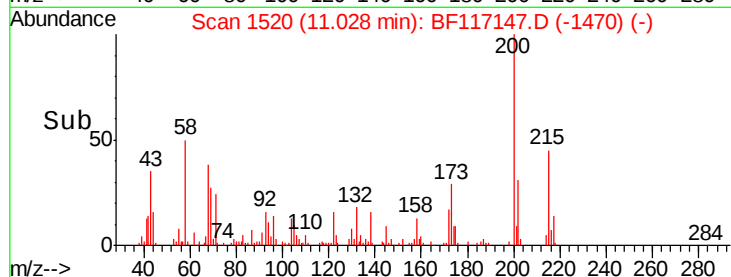
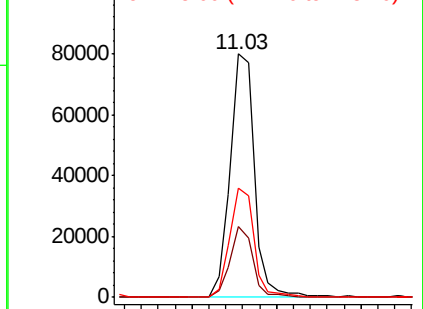
215 44.6 23.8 63.8



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

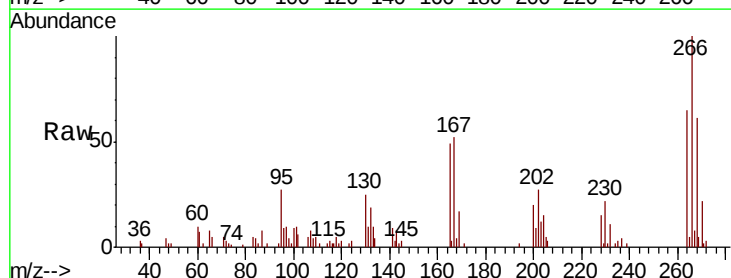
Tgt Ion:266 Resp: 35804

Ion Ratio Lower Upper

266 100

268 61.5 50.5 75.7

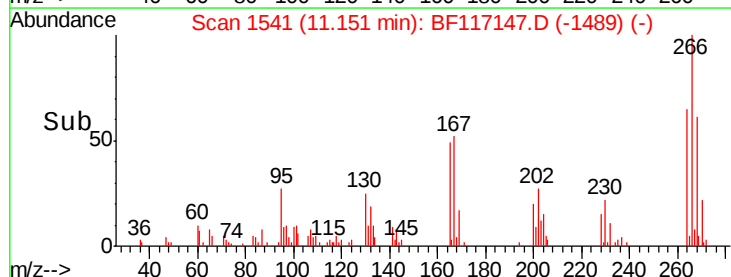
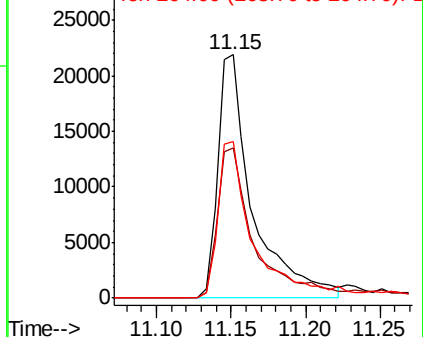
264 64.5 48.8 73.2

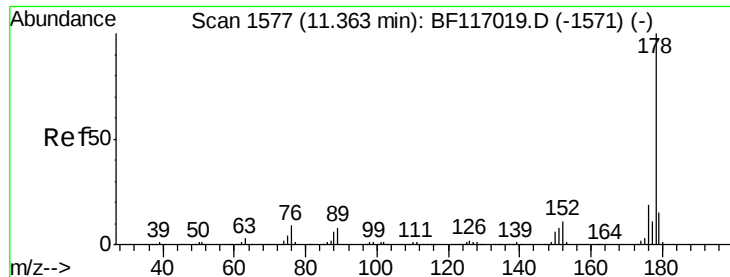


Abundance Ion 265.70 (265.40 to 266.40): E

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 :

SSTDCCC040EC

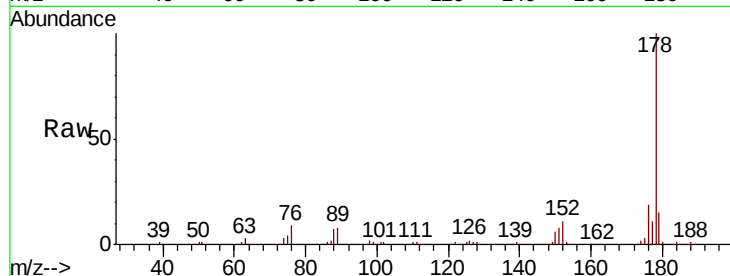
Tot Ion:178 Resp: 514923

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

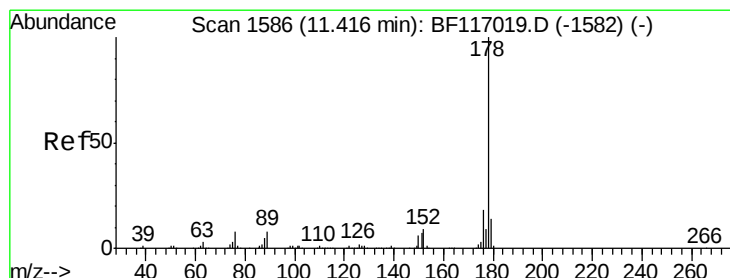
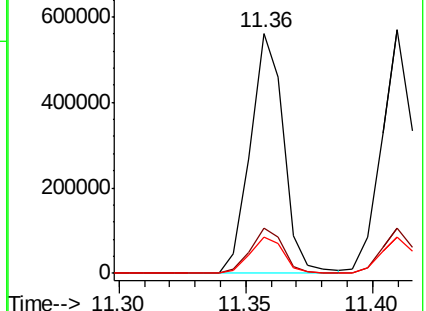
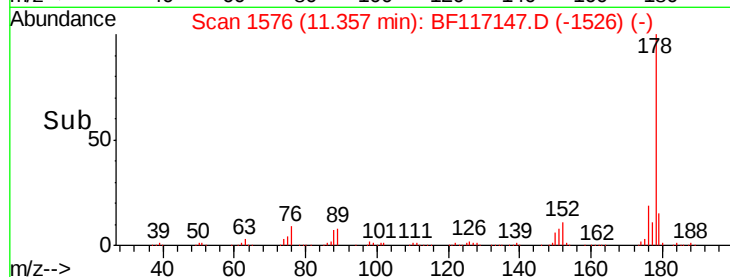
179 15.1 12.4 18.6



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

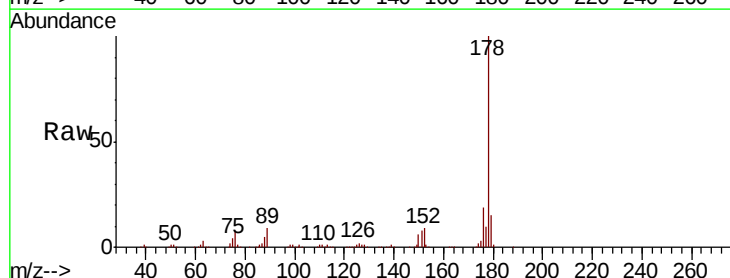
Tgt Ion:178 Resp: 523164

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

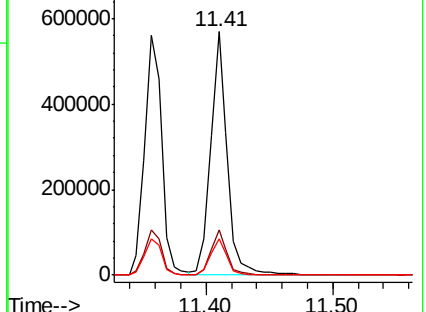
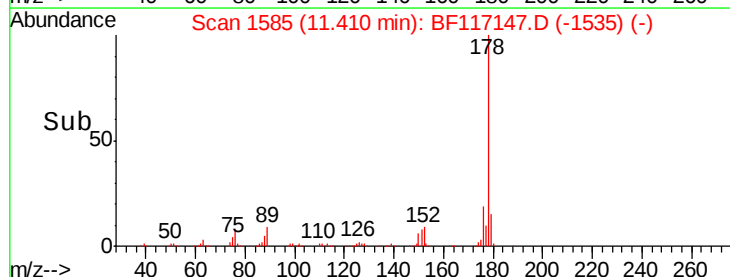
179 15.1 11.6 17.4

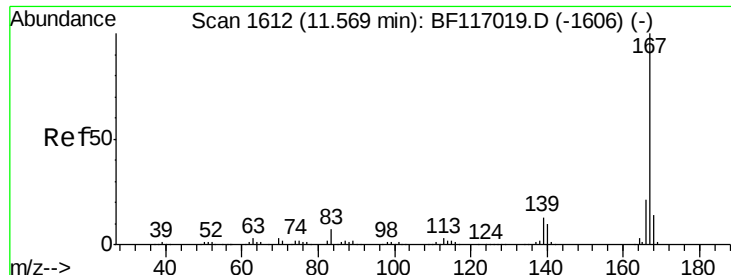


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

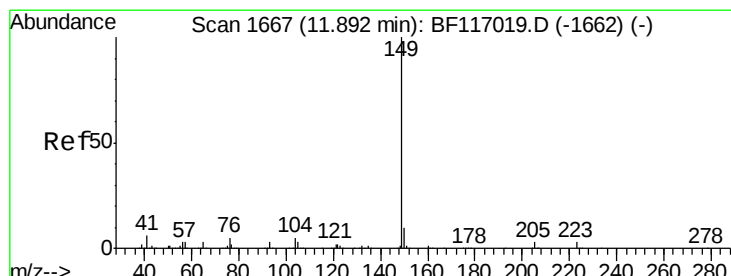
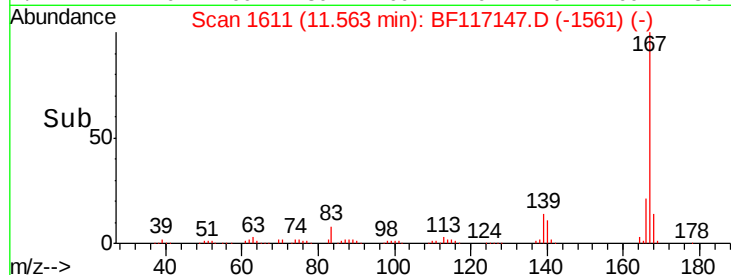
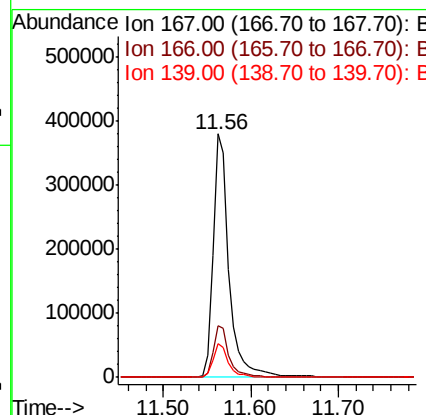
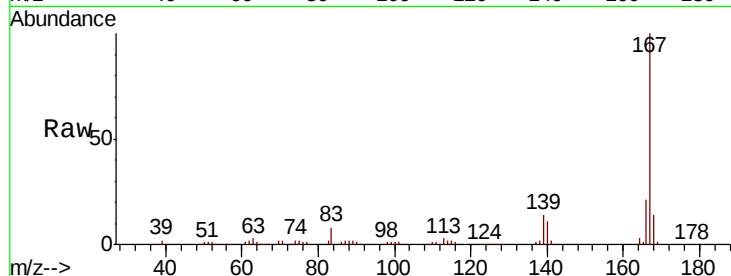




#73
 Carbazole
 Concen: 36.585 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

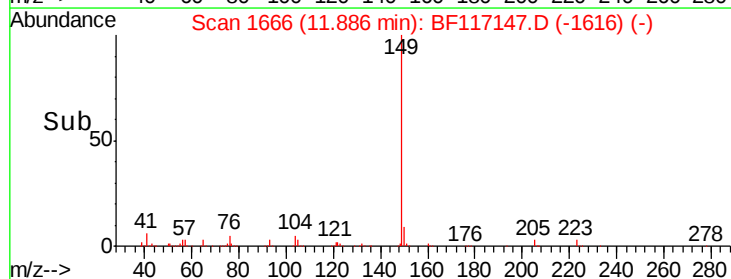
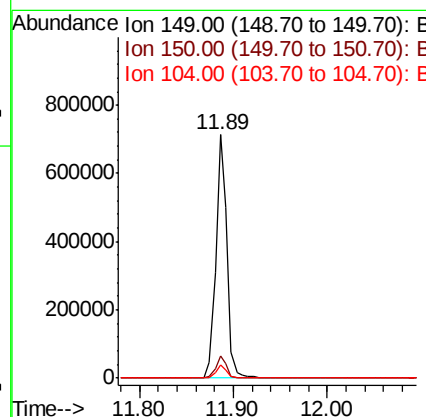
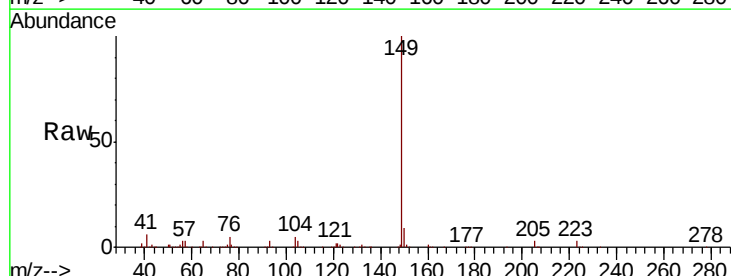
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

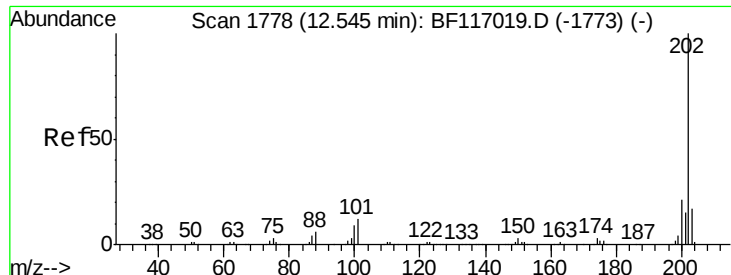
Tot Ion:167 Resp: 477498
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.8 10.6 16.0



#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

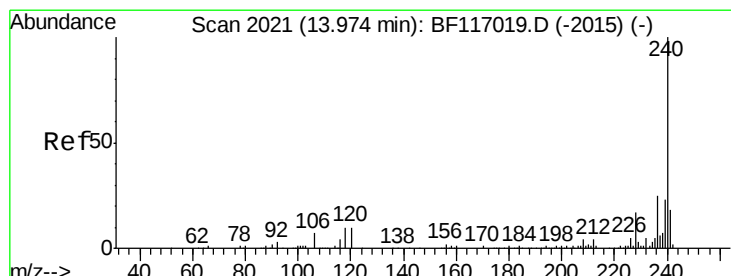
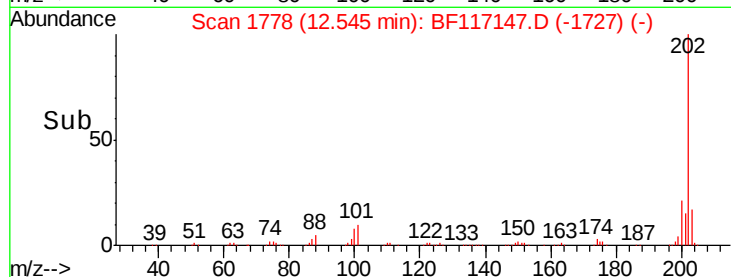
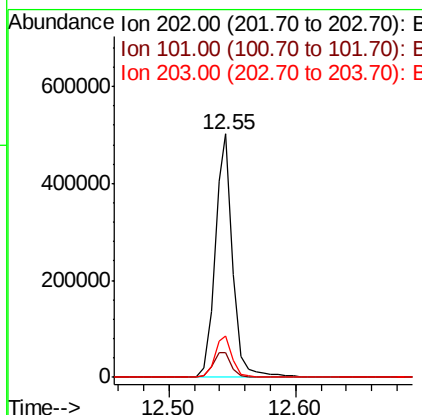
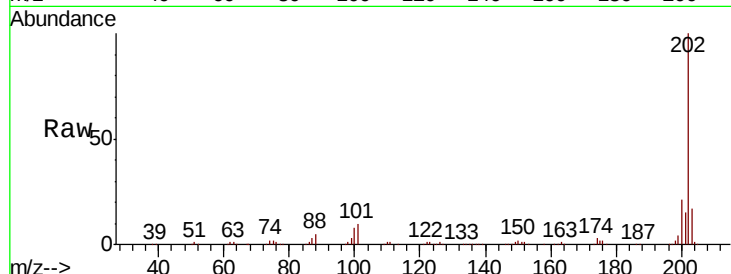




#75
 Fluoranthene
 Concen: 35.093 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

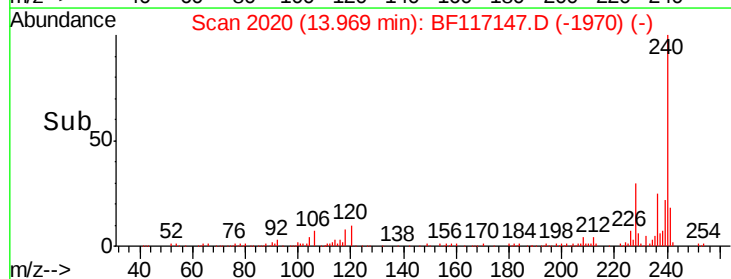
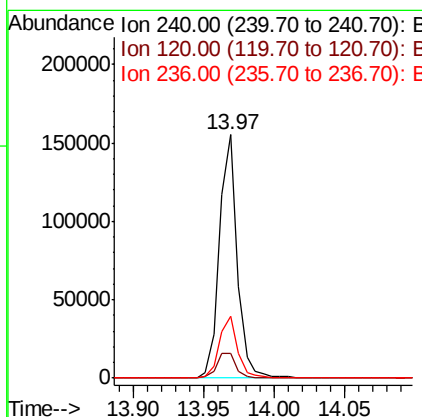
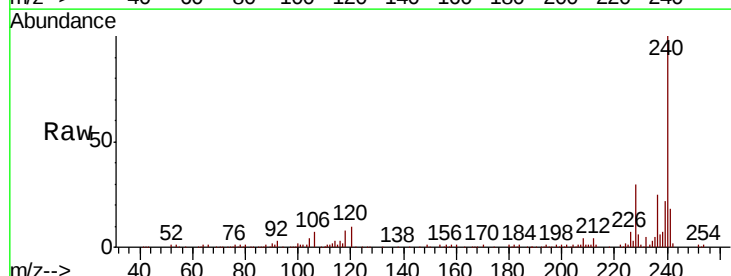
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

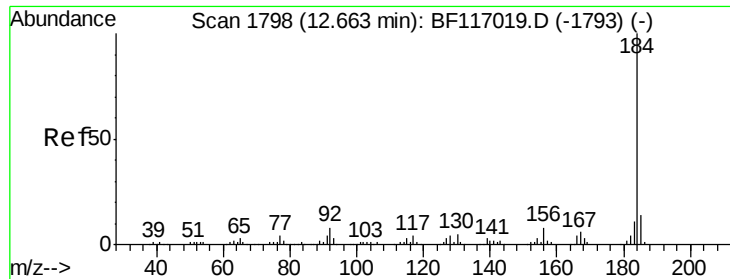
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.2	0.0	37.1



#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 :

SSTDCCC040EC

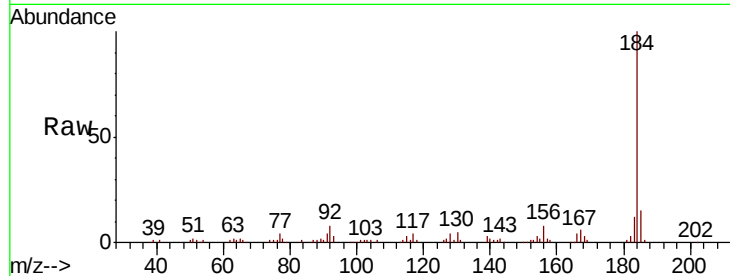
Tot Ion:184 Resp: 162242

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

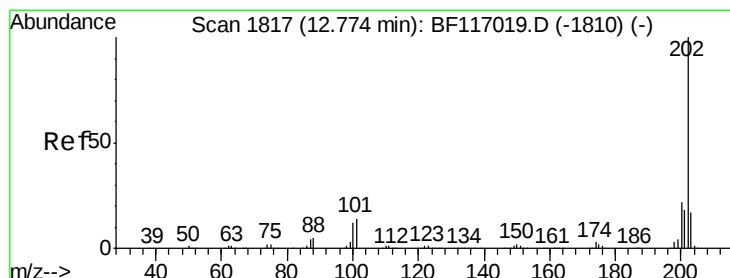
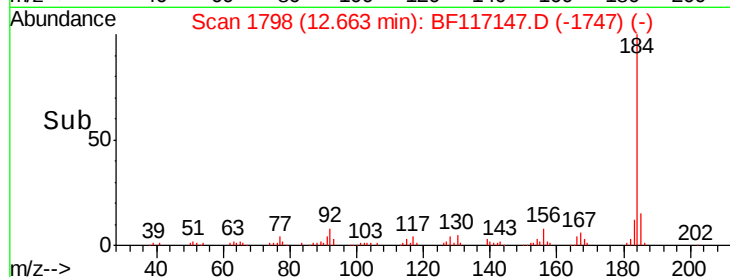
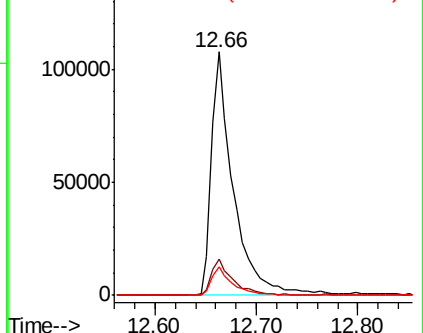
183 11.6 9.0 13.4



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

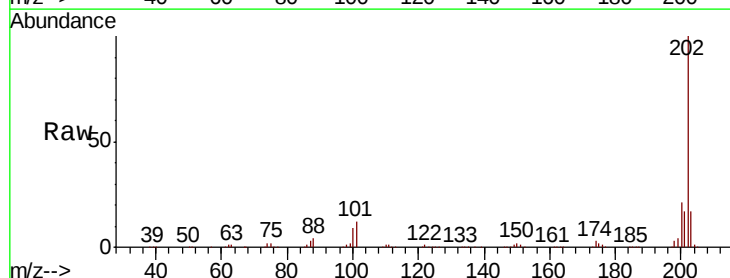
Tgt Ion:202 Resp: 487074

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

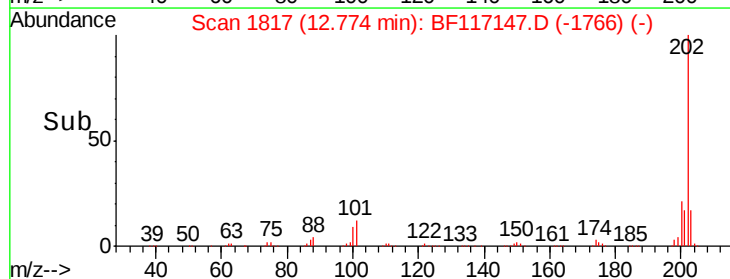
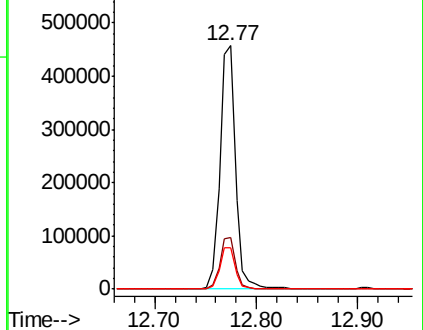
203 17.2 14.0 21.0



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

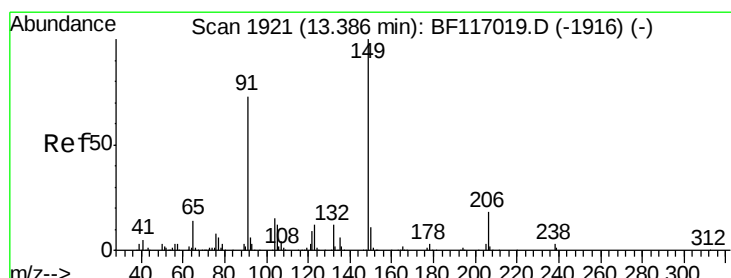
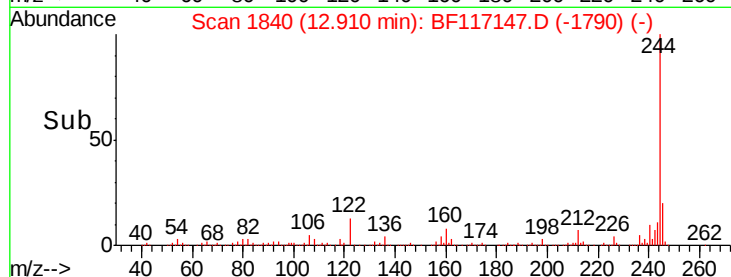
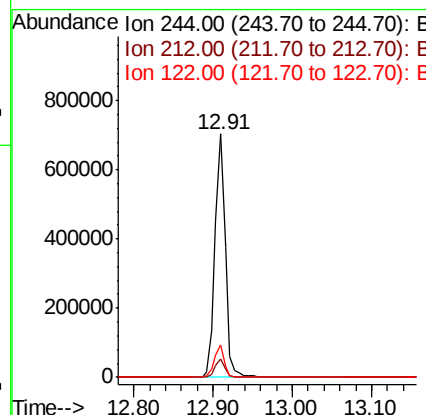
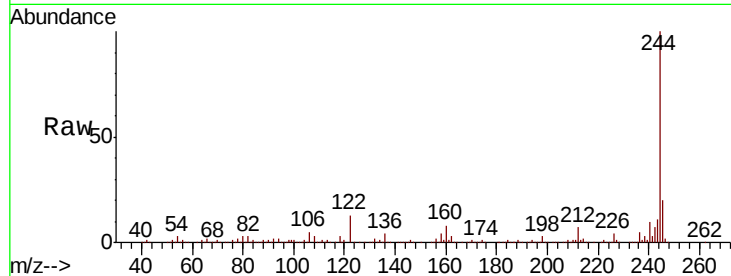




#79
 Terphenyl-d14
 Concen: 86.738 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117147.D
 Acq: 18 Sep 2019 15:28

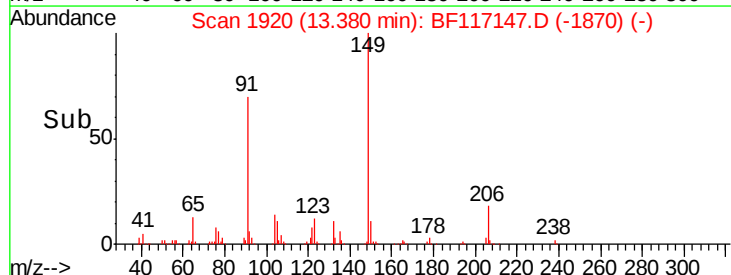
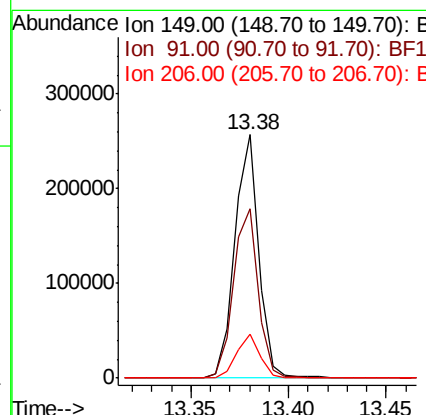
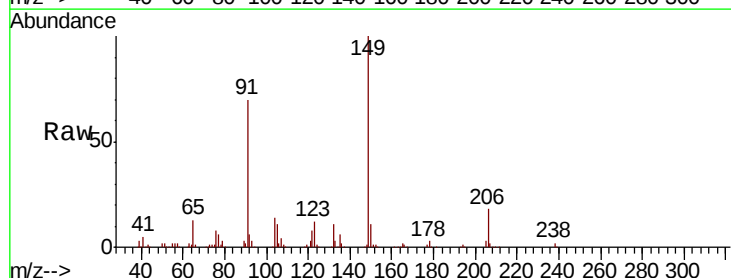
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

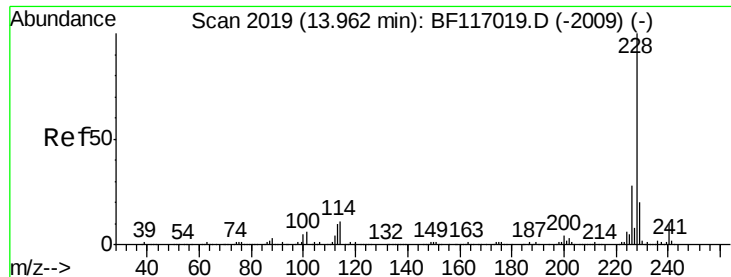
Tot Ion:244 Resp: 636042
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.3 11.3 16.9



#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

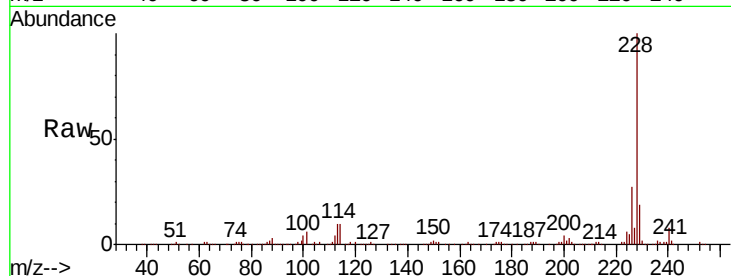




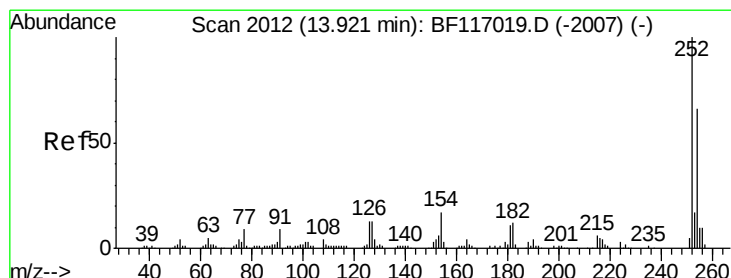
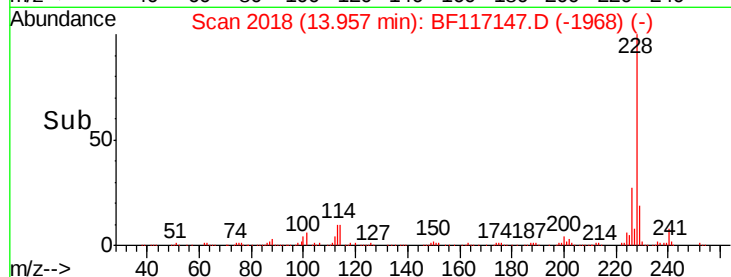
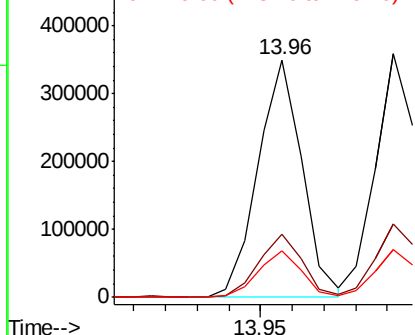
#81
Benzo(a)anthracene
Concen: 36.927 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 338167
Ion Ratio Lower Upper
228 100
226 26.5 22.3 33.5
229 19.4 15.9 23.9

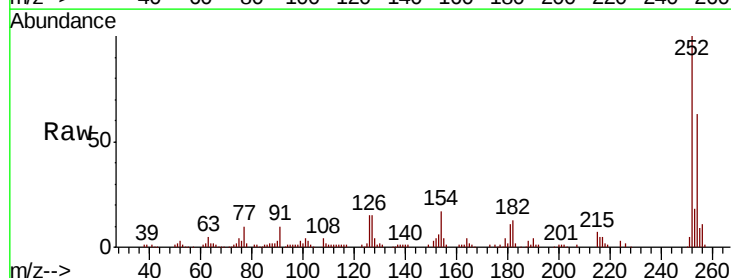


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

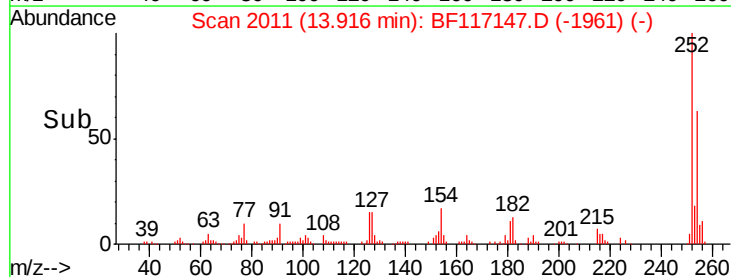
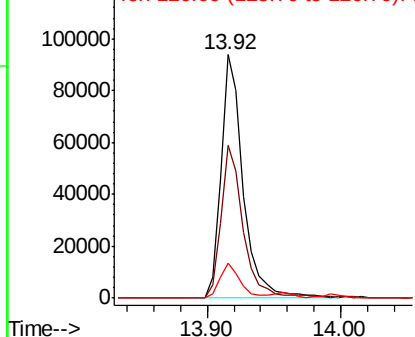


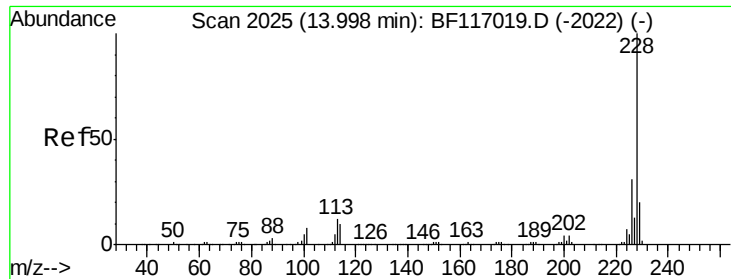
#82
3,3'-Dichlorobenzidine
Concen: 37.154 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Tgt Ion:252 Resp: 109642
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

Chrysene

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

ClientSampleId :

SSTDCCC040EC

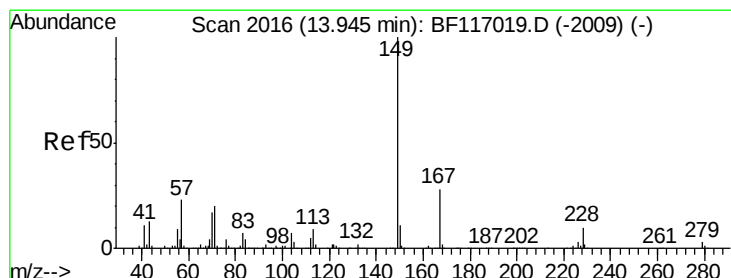
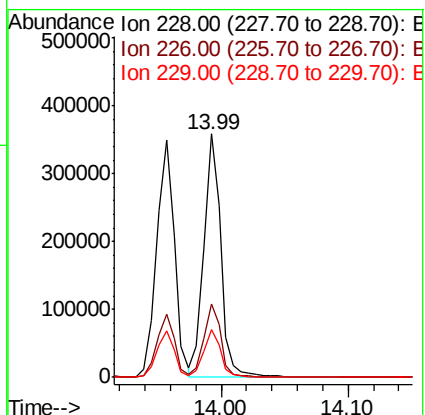
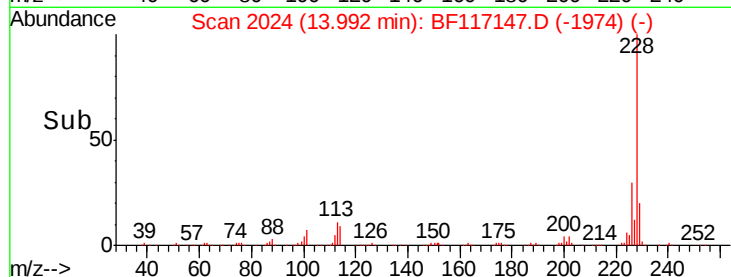
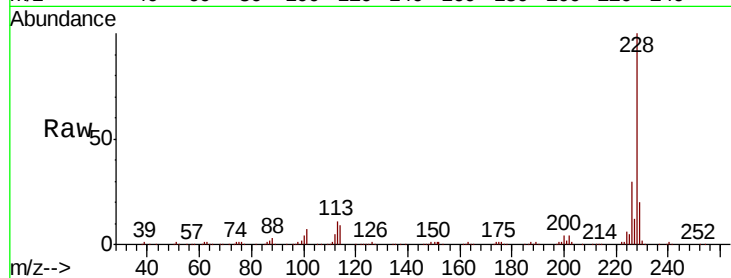
Tot Ion:228 Resp: 334109

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

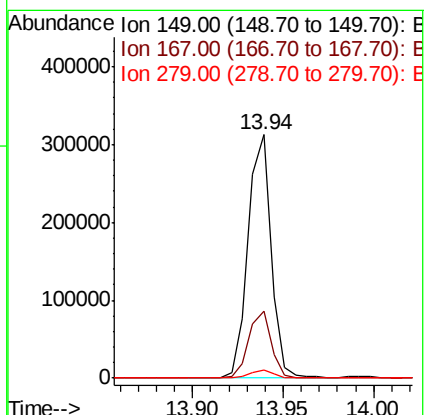
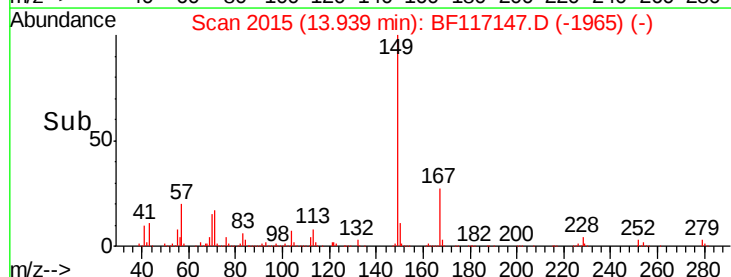
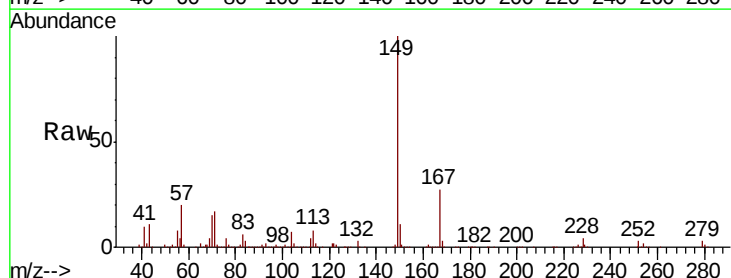
Tgt Ion:149 Resp: 277412

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 :

SSTDCCC040EC

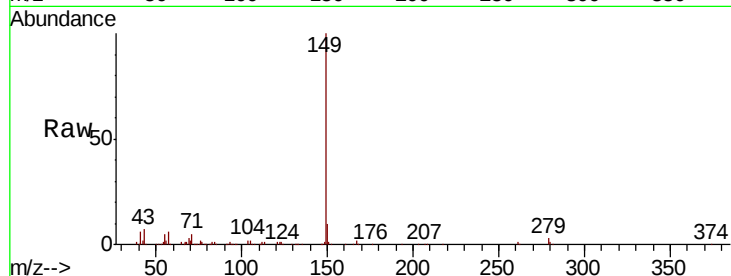
Tot Ion:149 Resp: 431149

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

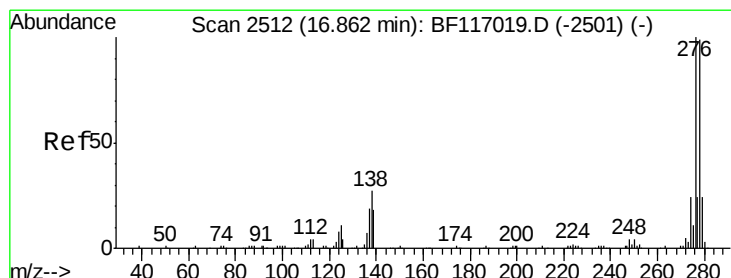
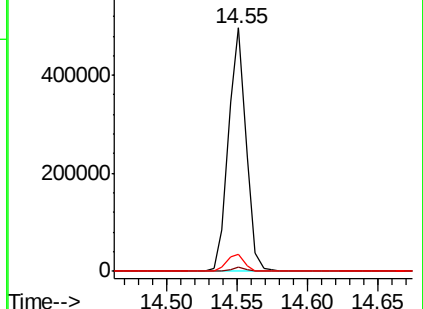
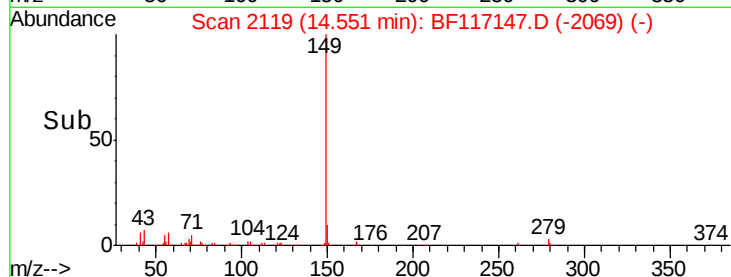
43 7.9 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 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

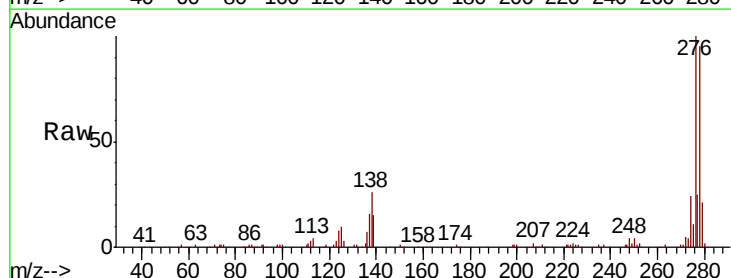
Tgt Ion:276 Resp: 294517

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

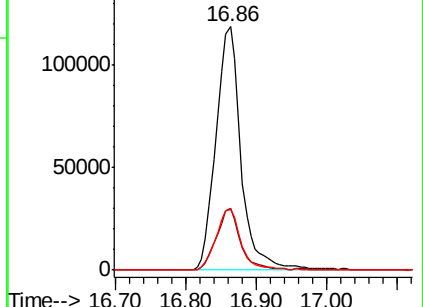
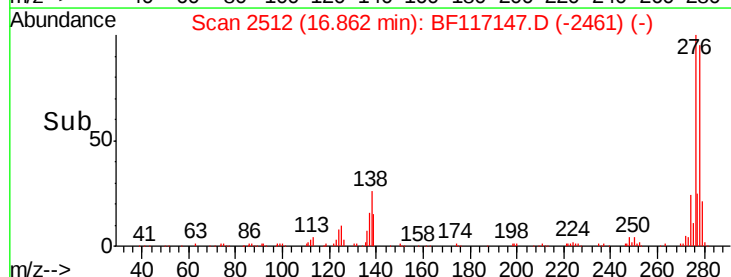
277 24.7 19.8 29.8

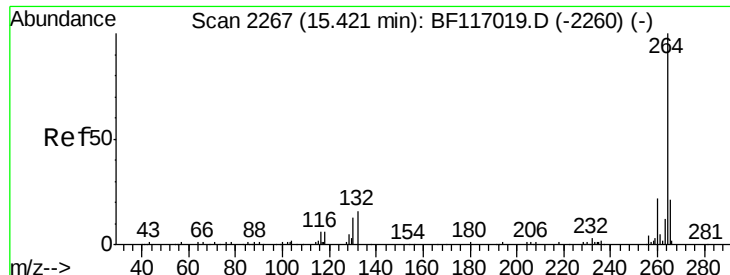


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



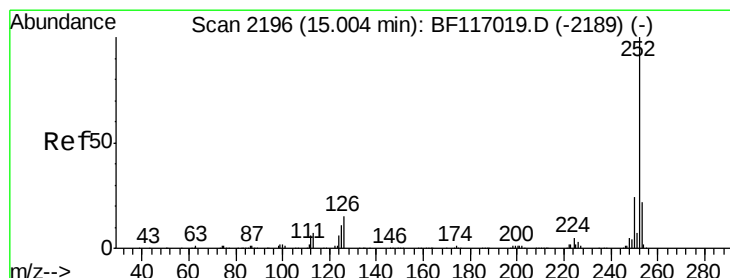
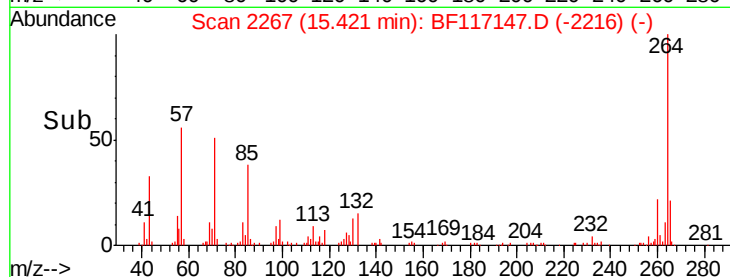
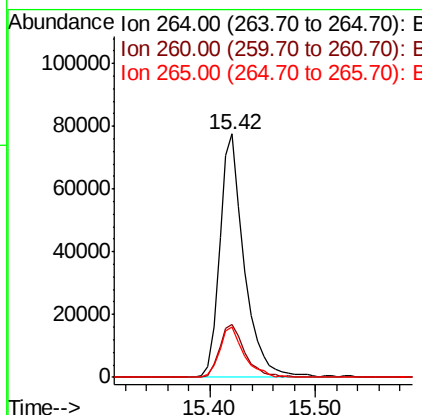
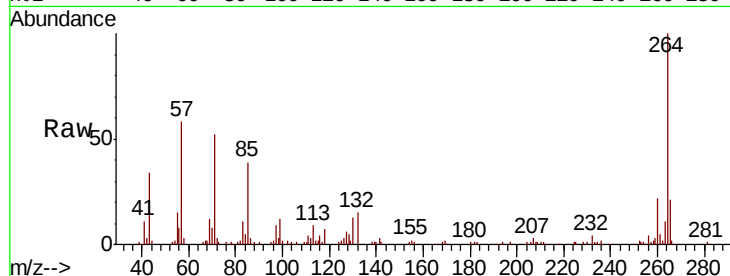


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117147.D
Acq: 18 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 124170

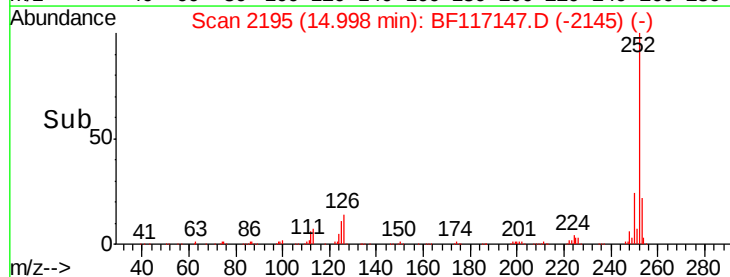
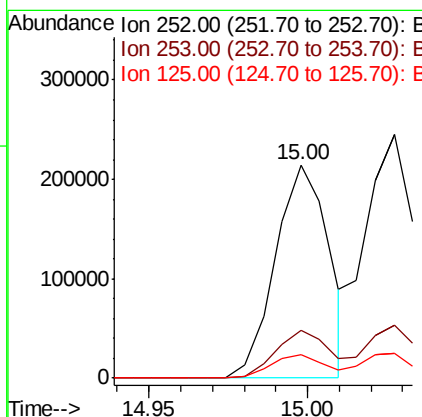
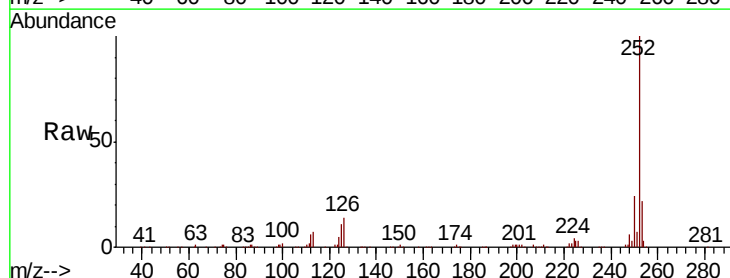
Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.6	26.4
265	20.9	16.6	24.8



#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:252 Resp: 253144

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





#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 :

SSTDCCC040EC

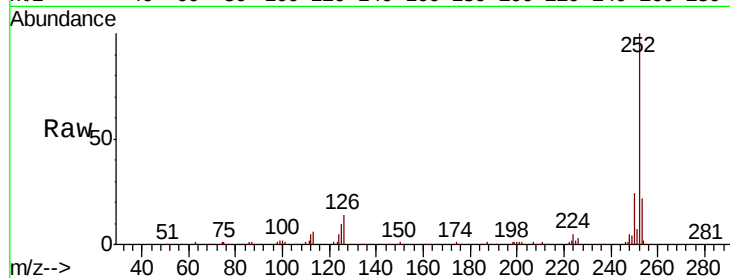
Tot Ion:252 Resp: 282521

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

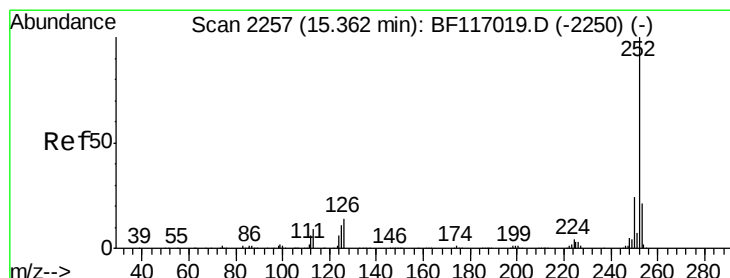
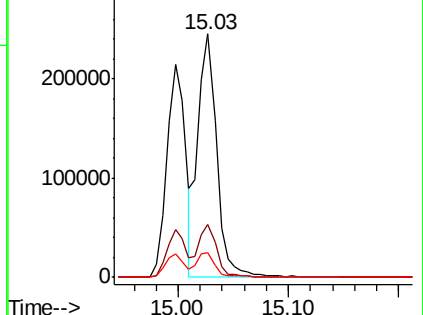
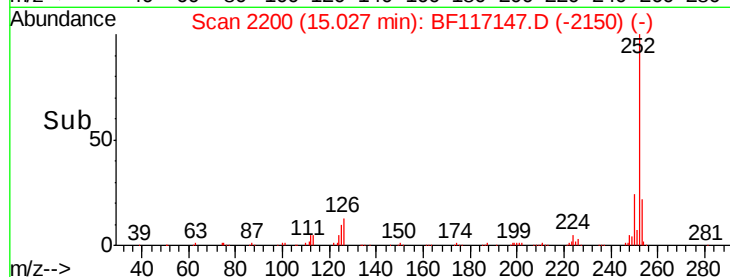
125 10.2 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 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

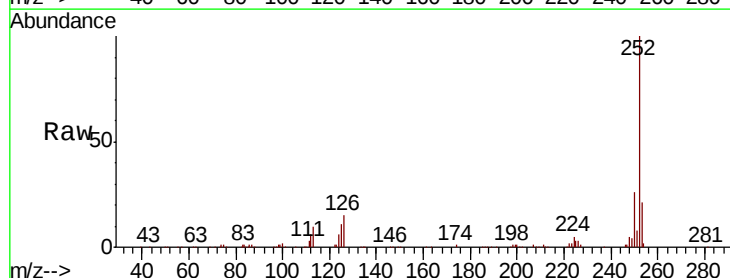
Tgt Ion:252 Resp: 250401

Ion Ratio Lower Upper

252 100

253 21.1 16.6 25.0

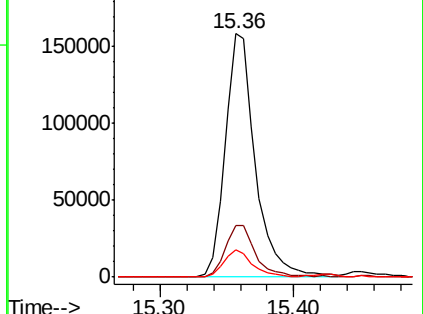
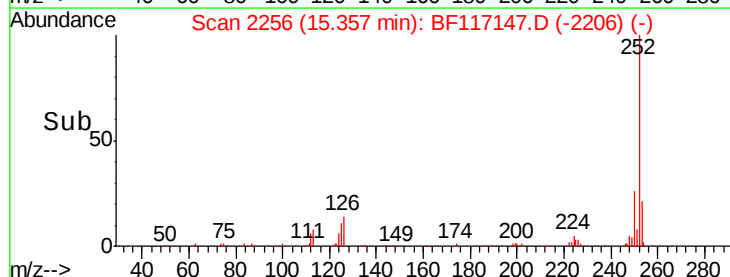
125 11.1 8.9 13.3

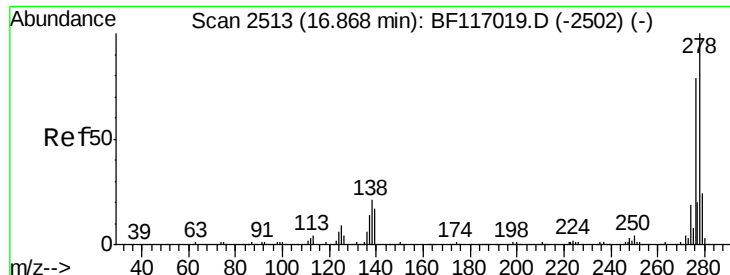


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 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 :

SSTDCCC040EC

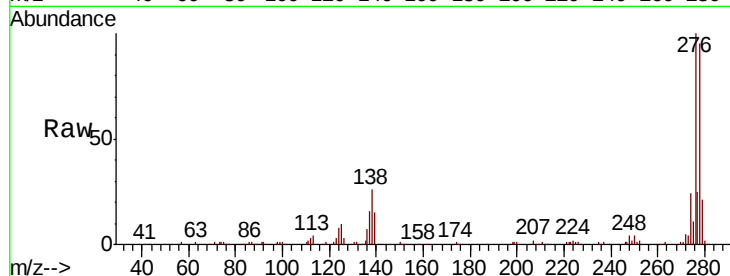
Tot Ion:278 Resp: 244393

Ion Ratio Lower Upper

278 100

139 16.1 13.5 20.3

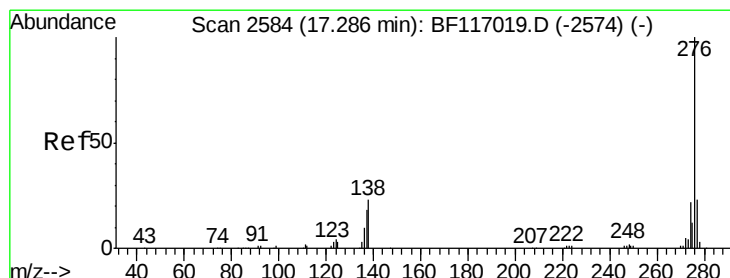
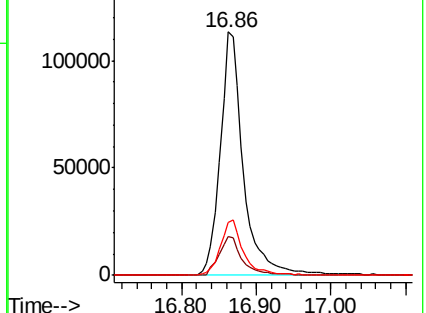
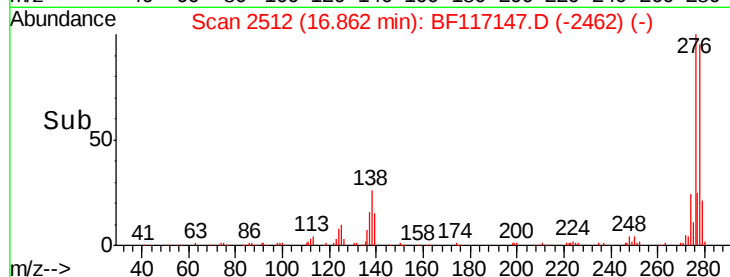
279 21.8 18.8 28.2



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

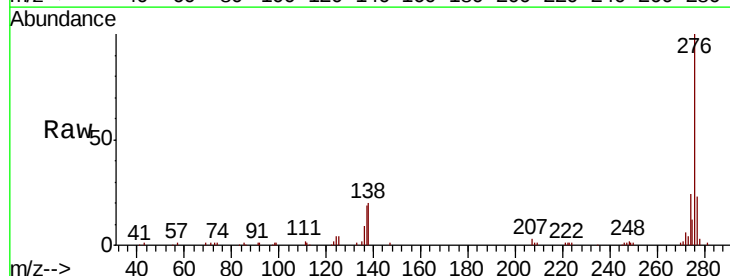
Tgt Ion:276 Resp: 236514

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

