

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117058.D
 Acq On : 16 Sep 2019 13:04
 Operator : HP/JU
 Sample : K4885-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 14:58:21 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	59394	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	237347	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	125524	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209761	20.00	ng	0.00
76) Chrysene-d12	13.97	240	155153	20.00	ng	0.00
87) Perylene-d12	15.41	264	143644	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	445180	117.02	ng	0.00
7) Phenol-d6	6.46	99	615975	125.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	371034	82.14	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	132095	125.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	639061	79.60	ng	0.00
79) Terphenyl-d14	12.92	244	665644	80.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	49577	31.144	ng	99
3) Pyridine	3.33	79	121490	27.883	ng	95
4) n-Nitrosodimethylamine	3.25	42	53300	35.646	ng	94
6) Aniline	6.49	93	138769	21.922	ng	99
8) 2-Chlorophenol	6.61	128	156157	38.050	ng	99
9) Benzaldehyde	6.37	77	94923	38.221	ng	93
10) Phenol	6.47	94	219103	40.425	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	145634	36.559	ng	99
12) 1,3-Dichlorobenzene	6.76	146	161858	35.146	ng	99
13) 1,4-Dichlorobenzene	6.84	146	165707	35.258	ng	99
14) 1,2-Dichlorobenzene	6.99	146	157852	36.075	ng	96
15) Benzyl Alcohol	6.96	79	146170	38.770	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	138198	35.115	ng	96
17) 2-Methylphenol	7.08	107	130109	37.827	ng	97
18) Hexachloroethane	7.33	117	62545	34.593	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	111105	37.112	ng	98
20) 3+4-Methylphenols	7.23	107	170296	39.748	ng	96
22) Acetophenone	7.23	105	230209	38.176	ng	98
24) Nitrobenzene	7.40	77	171808	38.514	ng	95
25) Isophorone	7.64	82	309931	38.750	ng	99
26) 2-Nitrophenol	7.72	139	78805	41.127	ng	96
27) 2,4-Dimethylphenol	7.76	122	134074	44.124	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	184873	37.517	ng	99
29) 2,4-Dichlorophenol	7.96	162	125745	39.494	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	124622	36.230	ng	100
31) Naphthalene	8.12	128	443590	38.861	ng	99
32) Benzoic acid	7.83	122	5411	8.628	ng	# 79
33) 4-Chloroaniline	8.17	127	74645	14.744	ng	98
34) Hexachlorobutadiene	8.25	225	71234	36.501	ng	98
35) Caprolactam	8.53	113	28056	26.034	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	151049	40.687	ng	99
37) 2-Methylnaphthalene	8.82	142	302533	39.358	ng	98
38) 1-Methylnaphthalene	8.91	142	282247	39.205	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	120128	37.061	ng	99

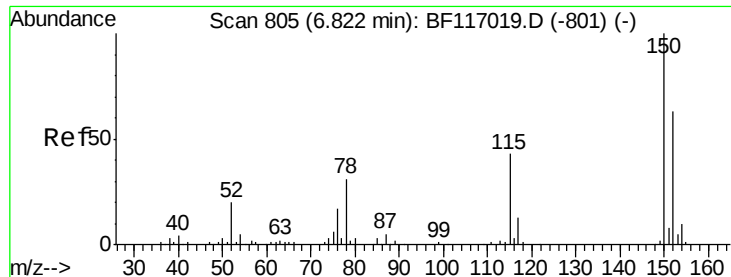
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	94811	67.530	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	80834	36.748	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	88078	37.477	ng	96
46) 1,1'-Biphenyl	9.27	154	359214	36.483	ng	99
47) 2-Chloronaphthalene	9.30	162	286991	36.933	ng	98
48) 2-Nitroaniline	9.39	65	95059	38.139	ng	92
49) Acenaphthylene	9.72	152	453828	38.986	ng	100
50) Dimethylphthalate	9.57	163	458269	51.562	ng	99
51) 2,6-Dinitrotoluene	9.63	165	72739	40.184	ng	89
52) Acenaphthene	9.89	154	259121	37.551	ng	97
53) 3-Nitroaniline	9.80	138	51849	22.702	ng	99
54) 2,4-Dinitrophenol	9.92	184	18498	30.121	ng	94
55) Dibenzofuran	10.06	168	397622	39.054	ng	97
56) 4-Nitrophenol	9.97	139	110143	74.411	ng	99
57) 2,4-Dinitrotoluene	10.04	165	98545	41.940	ng	98
58) Fluorene	10.40	166	322267	39.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	67920	37.766	ng	99
60) Diethylphthalate	10.27	149	333765	38.171	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	137171	38.657	ng	95
62) 4-Nitroaniline	10.42	138	90197	37.976	ng	96
63) Azobenzene	10.55	77	344489	38.574	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	23344	27.815	ng	81
66) n-Nitrosodiphenylamine	10.51	169	282002	38.928	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	79379	37.056	ng	94
68) Hexachlorobenzene	10.95	284	84070	35.881	ng	95
69) Atrazine	11.03	200	79509	43.795	ng	98
70) Pentachlorophenol	11.15	266	62764	57.148	ng	95
71) Phenanthrene	11.36	178	485758	40.771	ng	100
72) Anthracene	11.41	178	484467	39.829	ng	99
73) Carbazole	11.56	167	459541	39.802	ng	99
74) Di-n-butylphthalate	11.89	149	545882	39.738	ng	99
75) Fluoranthene	12.55	202	550861	44.998	ng	98
77) Benzidine	12.66	184	183677	36.751	ng	98
78) Pyrene	12.77	202	553744	42.535	ng	99
80) Butylbenzylphthalate	13.39	149	343244	55.799	ng	94
81) Benzo(a)anthracene	13.96	228	414188	39.956	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	62148	18.605	ng	99
83) Chrysene	14.00	228	406480	40.205	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	318233	40.123	ng	99
85) Di-n-octyl phthalate	14.55	149	539942	43.252	ng	100
86) Indeno(1,2,3-cd)pyrene	16.85	276	345079	46.784	ng	98
88) Benzo(b)fluoranthene	15.00	252	340788	39.166	ng	98
89) Benzo(k)fluoranthene	15.03	252	316314	38.377	ng	98
90) Benzo(a)pyrene	15.36	252	316063	41.395	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	281887	46.344	ng	99
92) Benzo(g,h,i)perylene	17.28	276	297111	49.019	ng	97

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

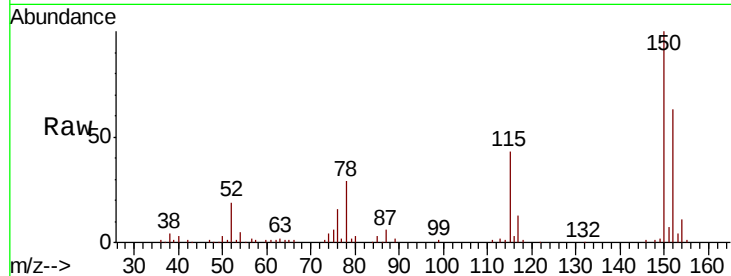


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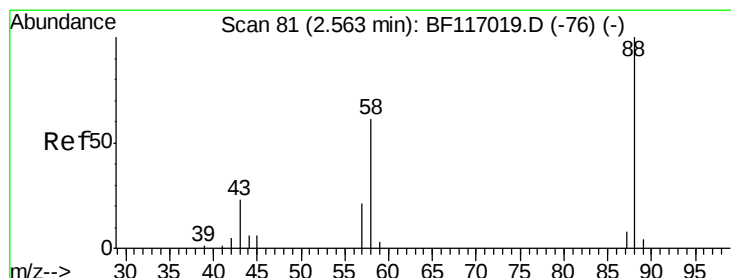
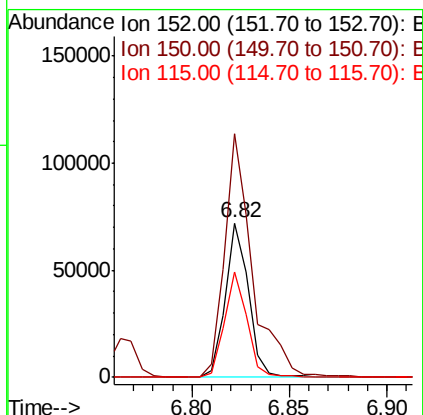
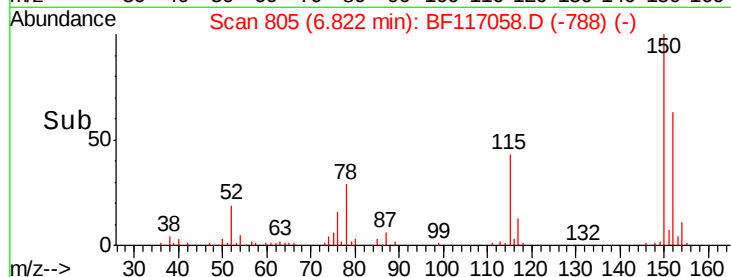
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59394
Ion Ratio Lower Upper
152 100
150 157.8 127.5 191.3
115 68.2 55.0 82.4



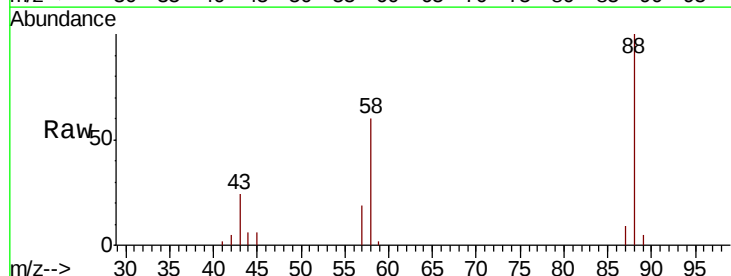
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



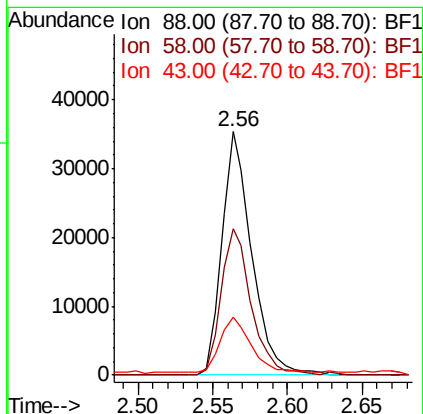
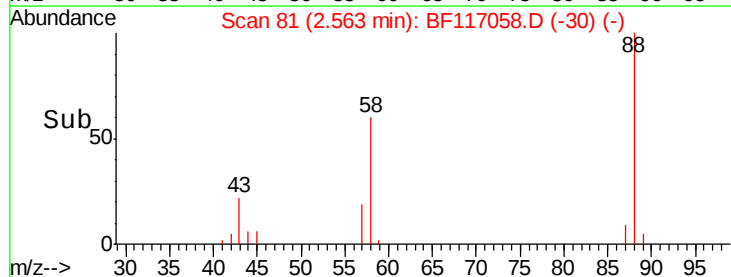
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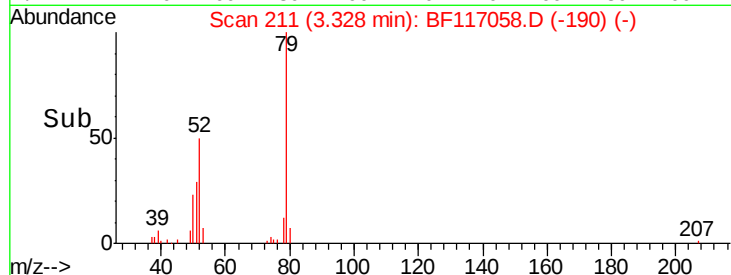
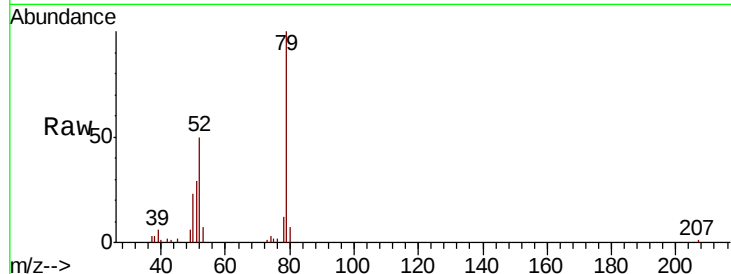
1,4-Dioxane
Concen: 31.144 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion: 88 Resp: 49577
Ion Ratio Lower Upper
88 100
58 60.7 49.3 73.9
43 24.0 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

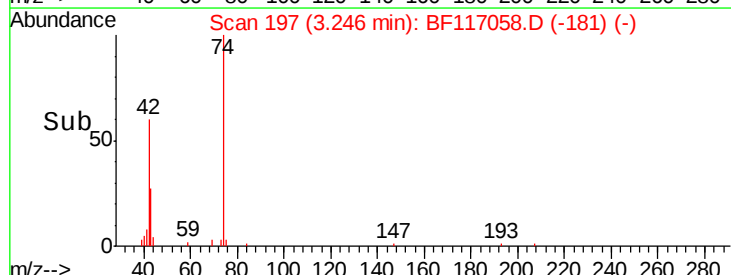
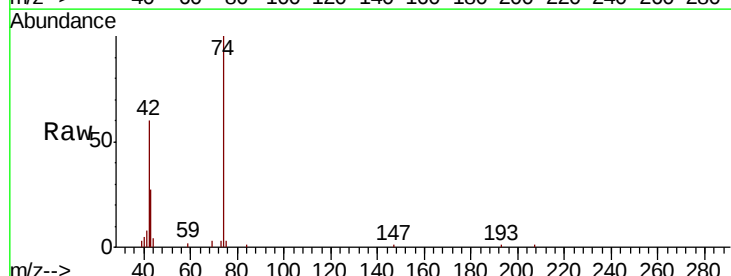
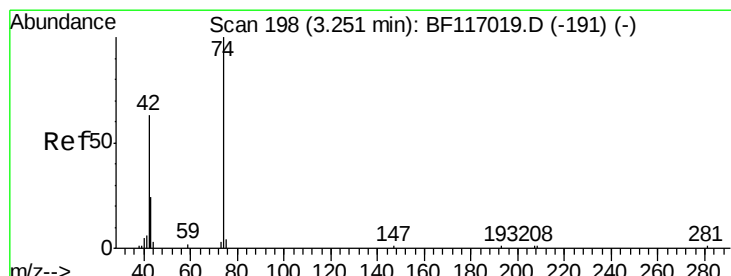
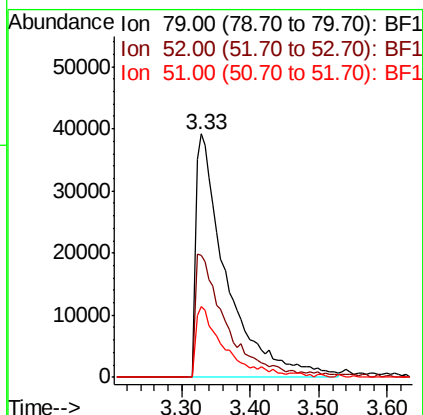




#3
 Pvridine
 Concen: 27.883 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.02 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

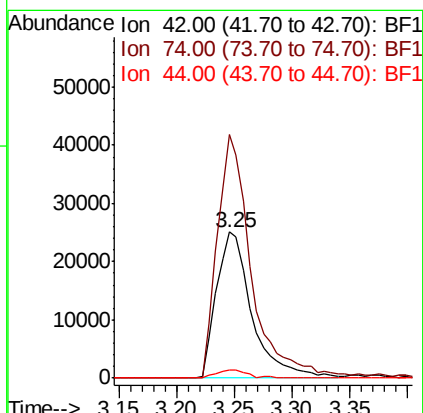
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.1	43.5	65.3
51	29.1	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 35.646 ng
 RT: 3.25 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.6	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 117.021 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampled :

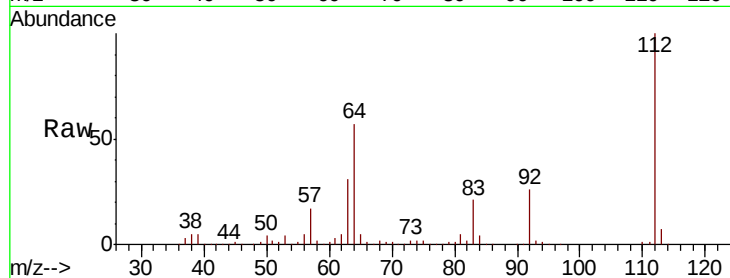
Tot Ion:112 Resp: 445180

Ion Ratio Lower Upper

112 100

64 56.7 45.7 68.5

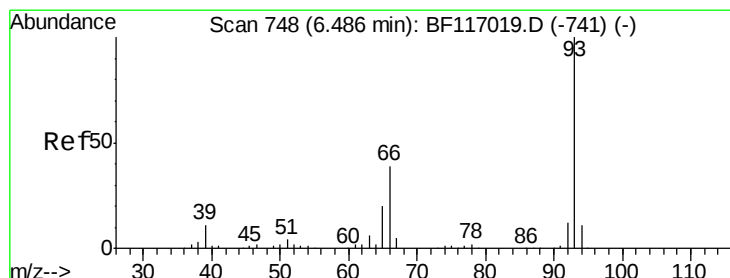
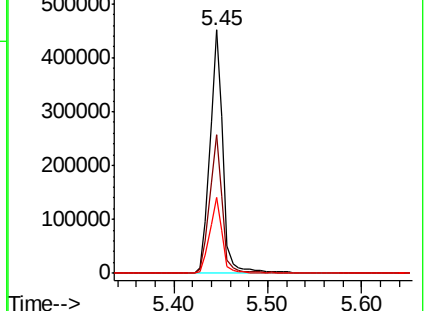
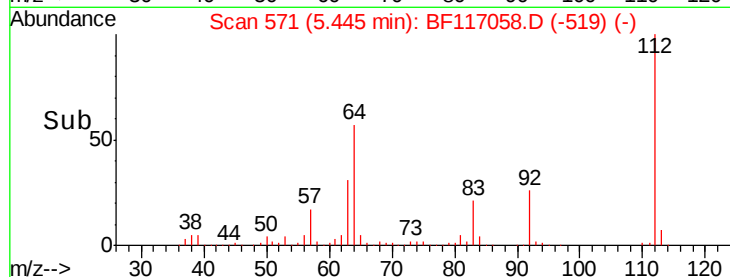
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.922 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

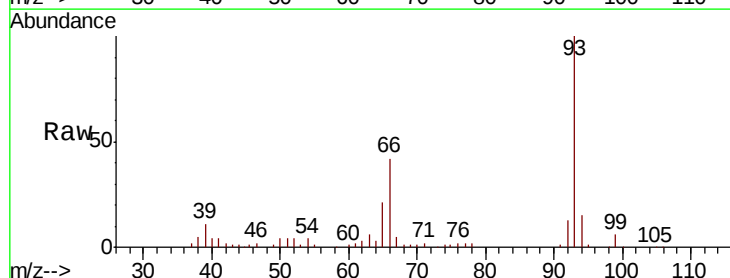
Tgt Ion: 93 Resp: 138769

Ion Ratio Lower Upper

93 100

66 41.6 32.6 49.0

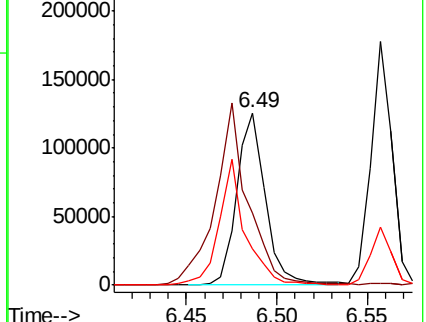
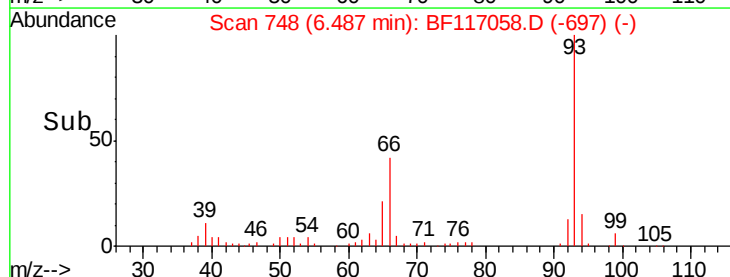
65 20.8 16.7 25.1

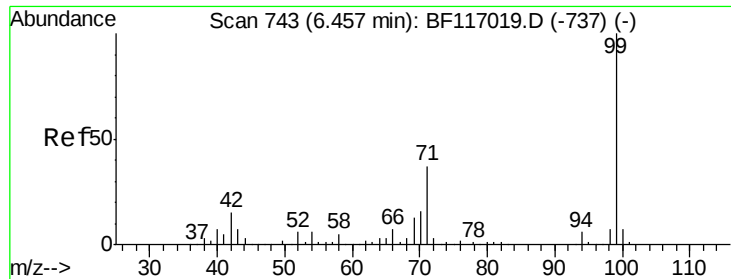


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.288 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

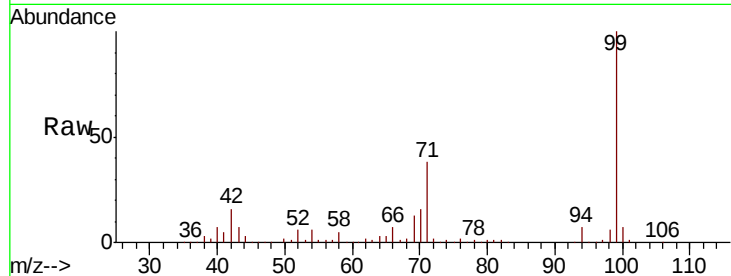
Tot Ion: 99 Resp: 615975

Ion Ratio Lower Upper

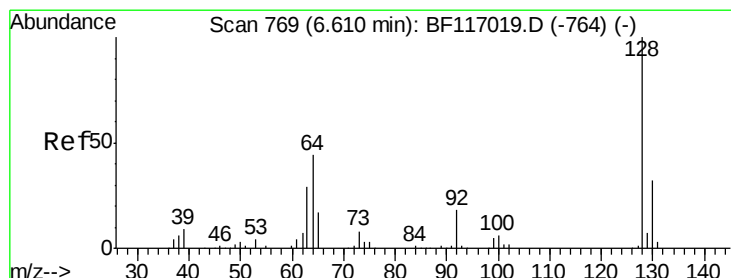
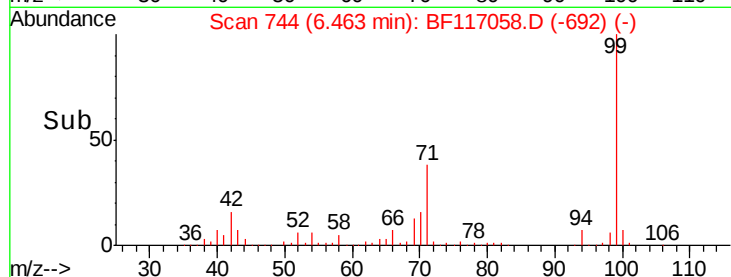
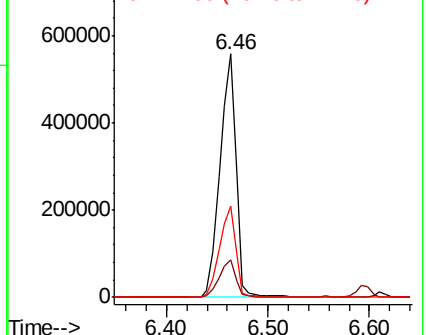
99 100

42 15.5 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: 38.050 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

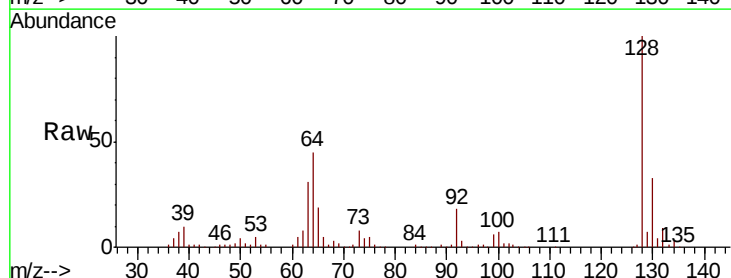
Tgt Ion:128 Resp: 156157

Ion Ratio Lower Upper

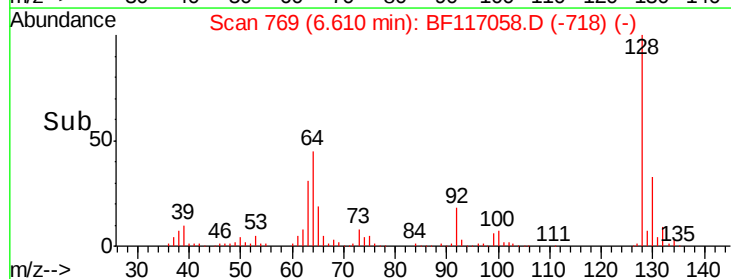
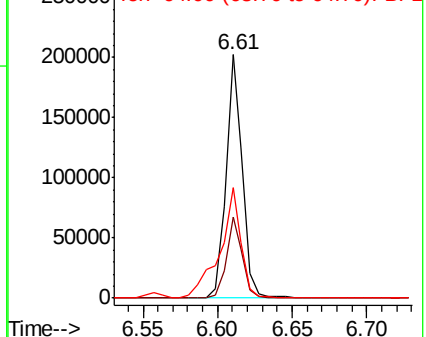
128 100

130 33.1 11.8 51.8

64 45.4 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: 38.221 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

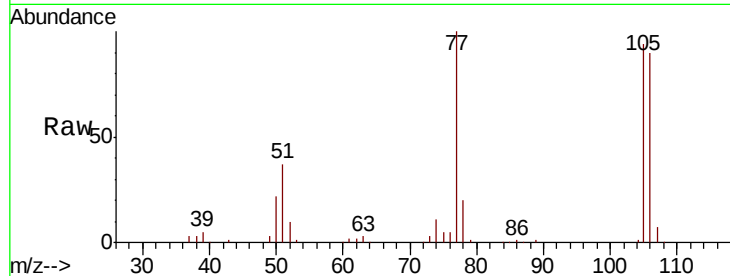
Tot Ion: 77 Resp: 94923

Ion Ratio Lower Upper

77 100

105 94.0 81.8 121.8

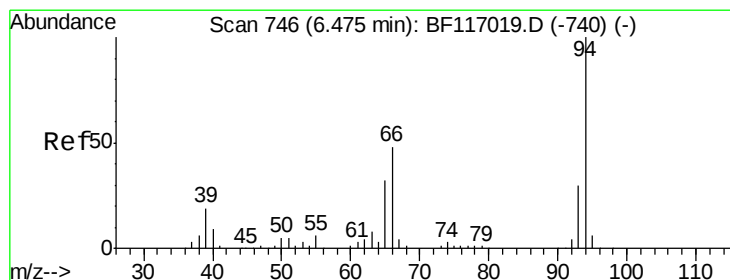
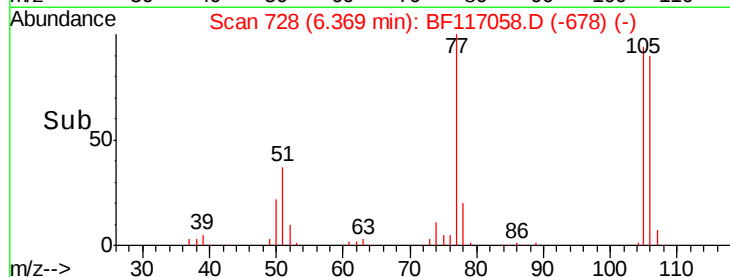
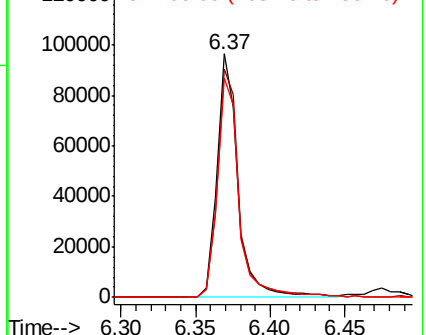
106 90.3 77.3 117.3



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: 40.425 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

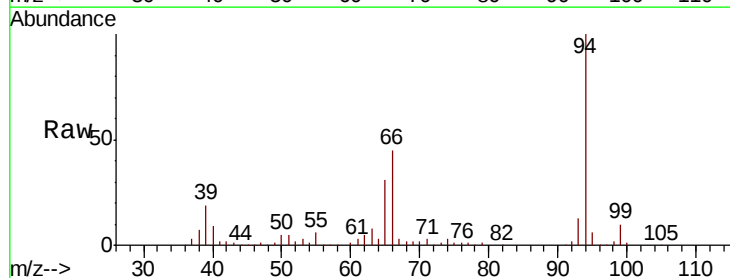
Tgt Ion: 94 Resp: 219103

Ion Ratio Lower Upper

94 100

65 31.3 12.5 52.5

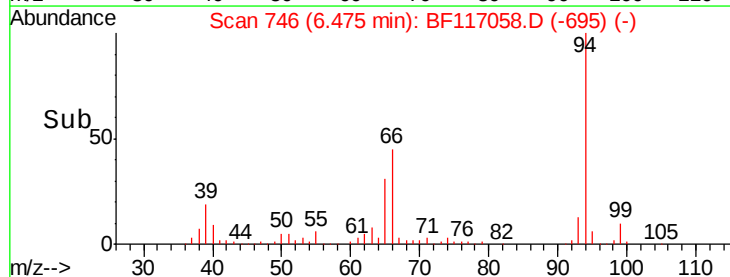
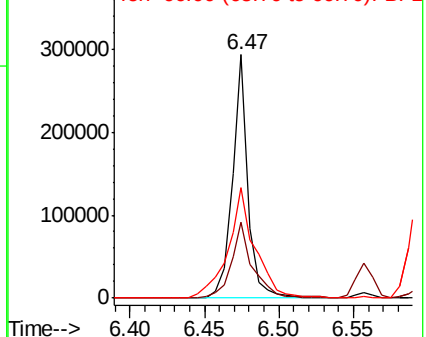
66 45.3 28.9 68.9



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: 36.559 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

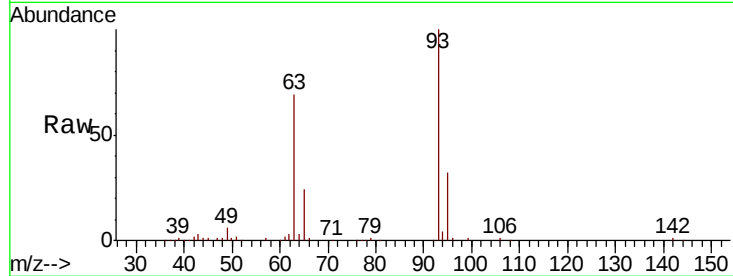
Tot Ion: 93 Resp: 145634

Ion Ratio Lower Upper

93 100

63 69.1 49.3 89.3

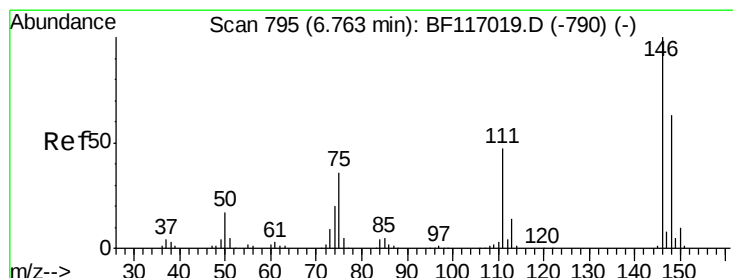
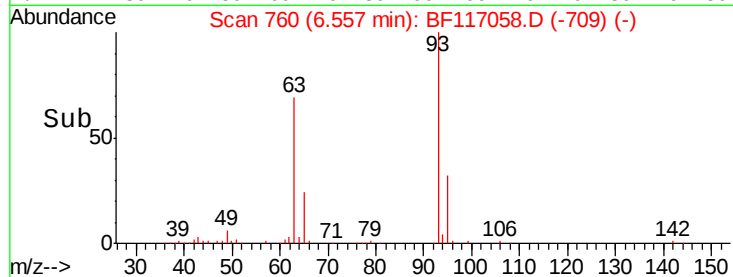
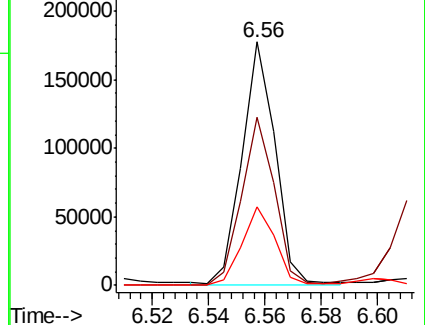
95 32.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.146 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

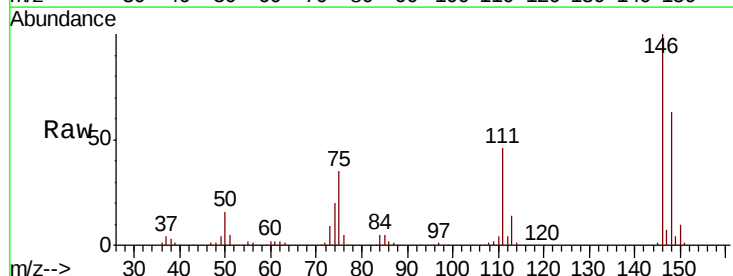
Tgt Ion: 146 Resp: 161858

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

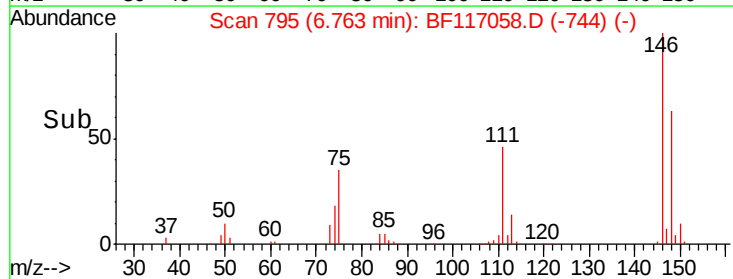
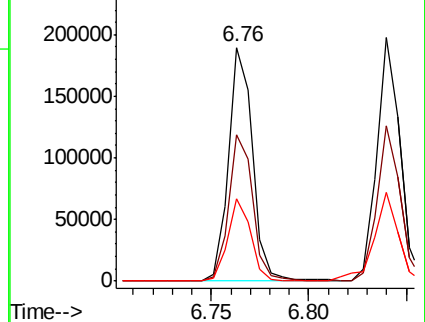
75 35.3 28.7 43.1

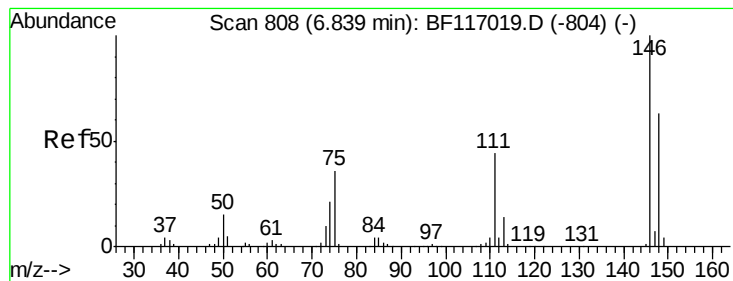


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.258 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampled :

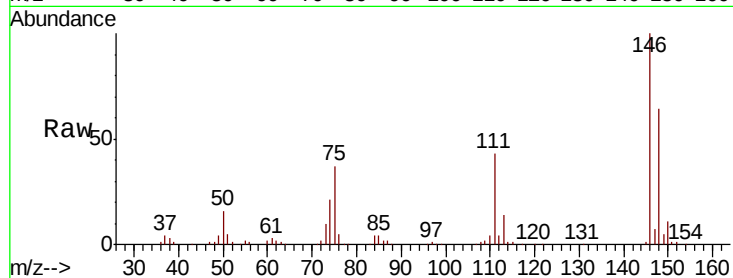
Tot Ion:146 Resp: 165707

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

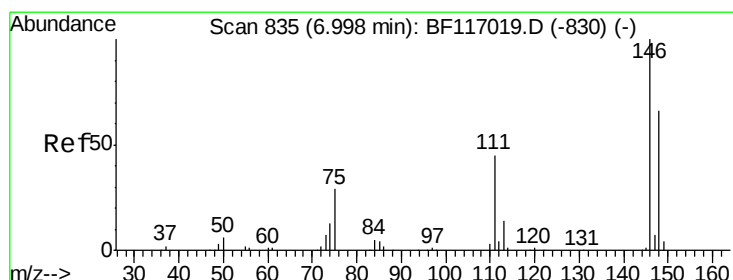
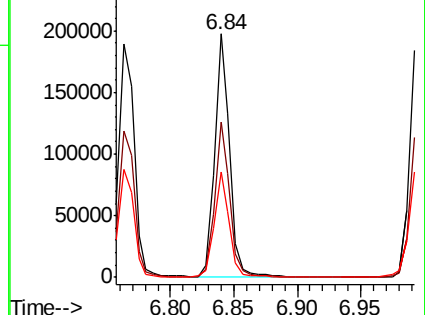
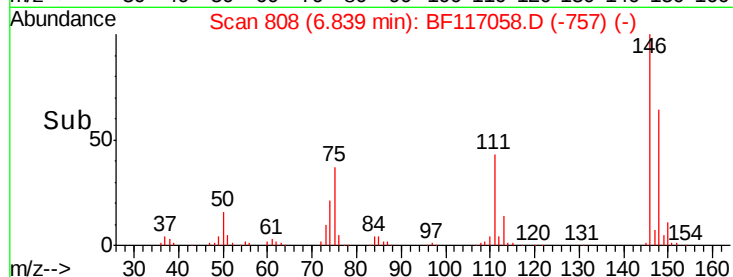
111 43.2 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.075 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

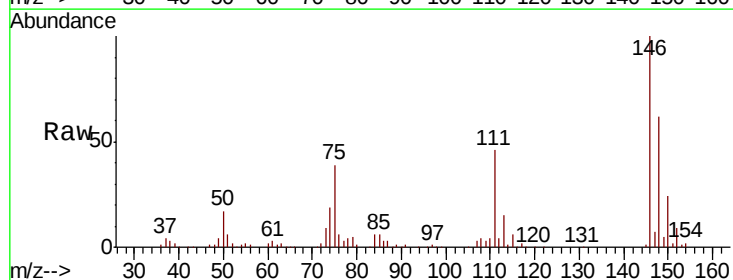
Tgt Ion:146 Resp: 157852

Ion Ratio Lower Upper

146 100

148 61.7 52.6 78.8

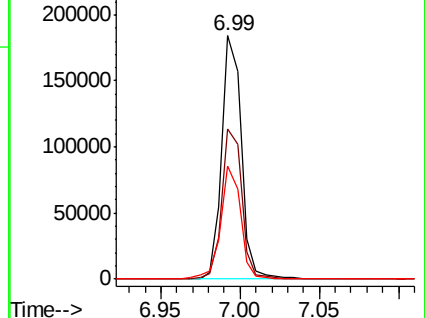
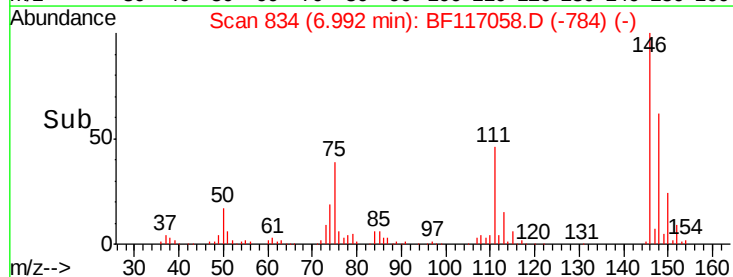
111 46.4 36.2 54.2

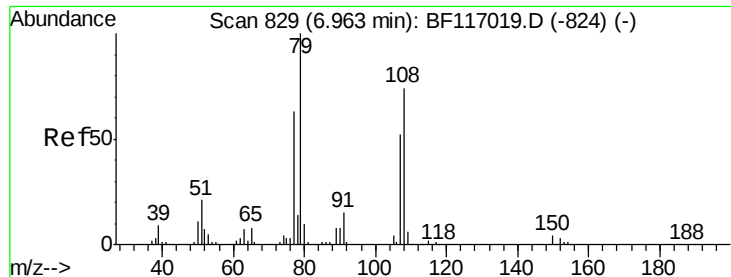


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.770 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

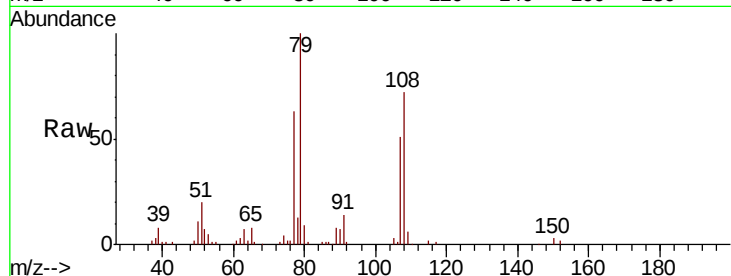
Tot Ion: 79 Resp: 146170

Ion Ratio Lower Upper

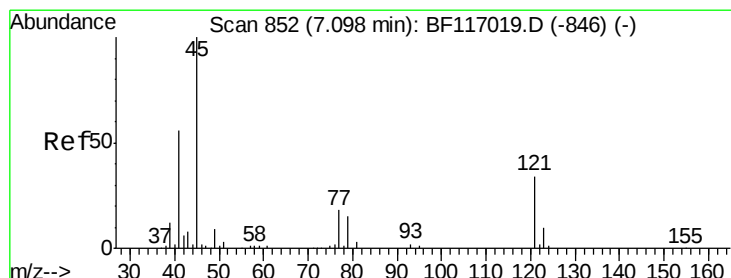
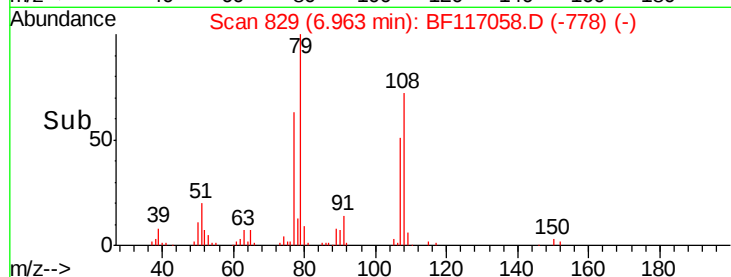
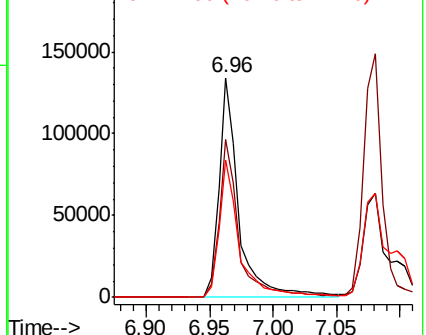
79 100

108 71.8 59.4 89.0

77 62.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
200000 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: 35.115 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

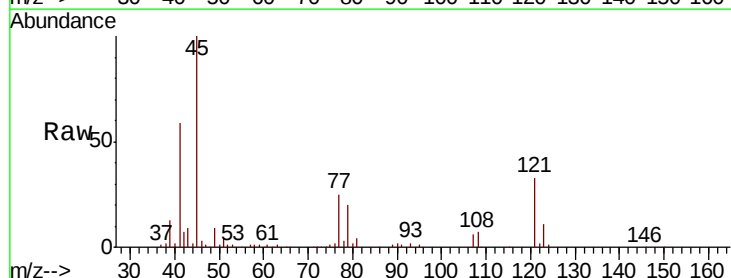
Tgt Ion: 45 Resp: 138198

Ion Ratio Lower Upper

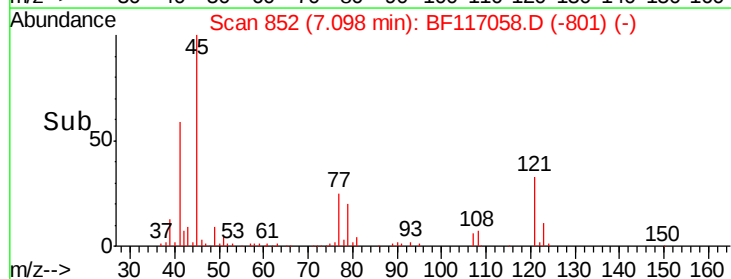
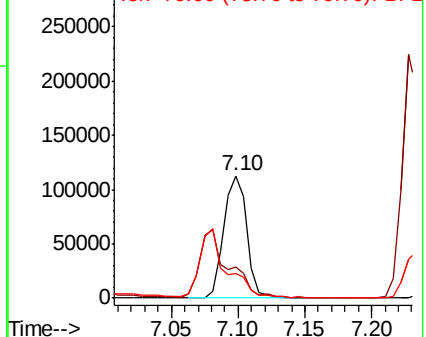
45 100

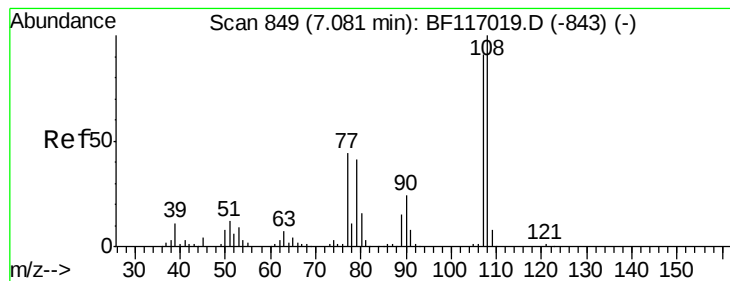
77 25.5 2.7 42.7

79 19.8 0.0 38.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
300000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.827 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 130109

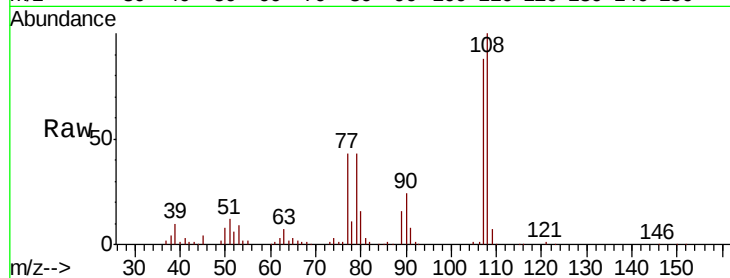
Ion Ratio Lower Upper

107 100

108 113.9 87.7 131.5

77 48.6 38.6 58.0

79 48.7 36.8 55.2

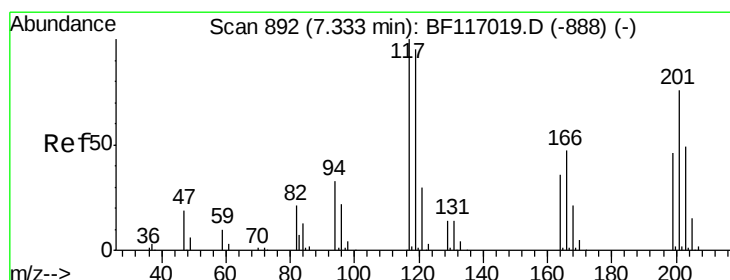
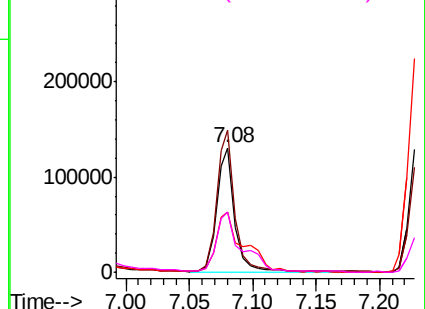
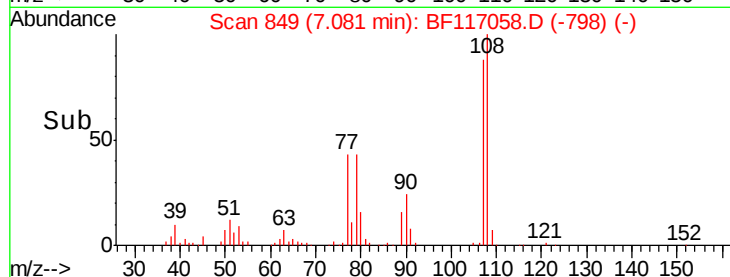


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.593 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

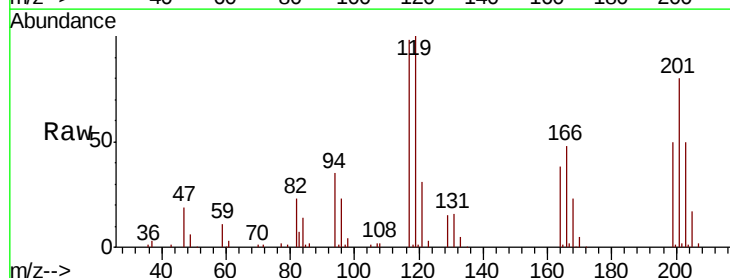
Tgt Ion:117 Resp: 62545

Ion Ratio Lower Upper

117 100

119 102.0 75.8 113.8

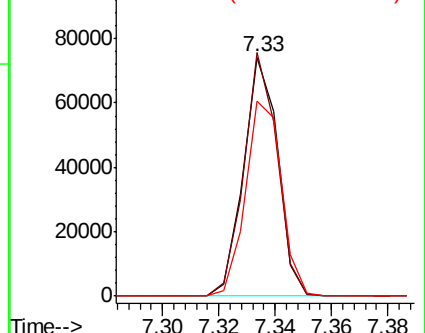
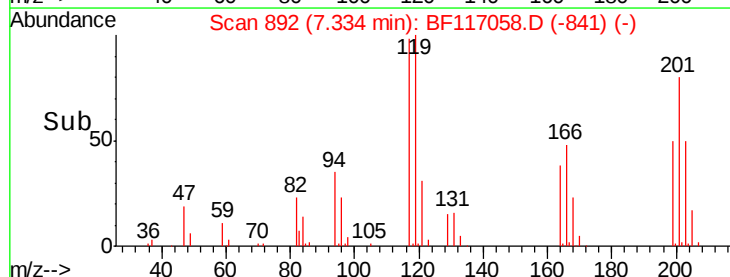
201 81.9 60.9 91.3

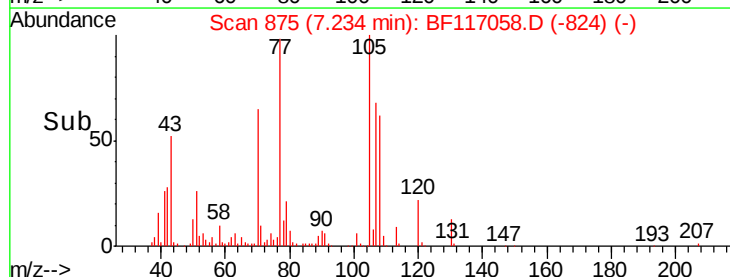
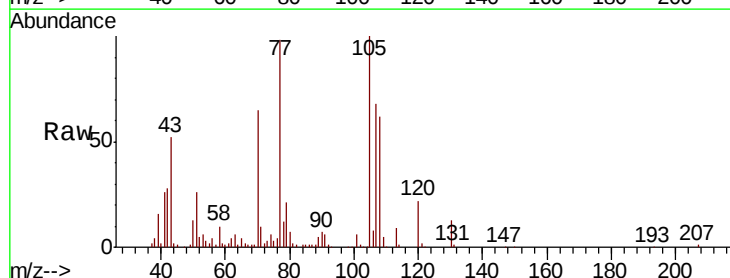
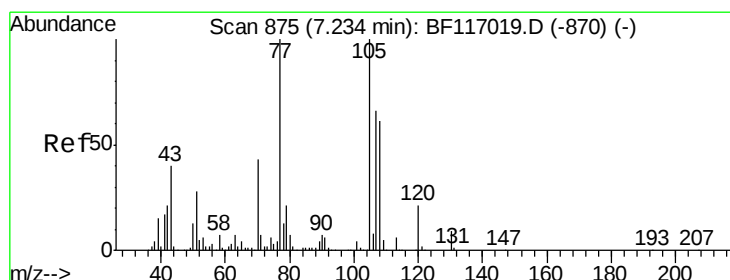
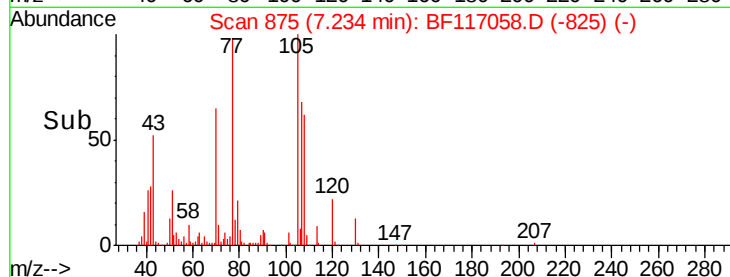
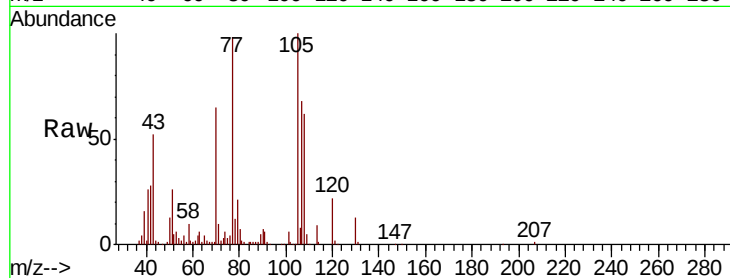
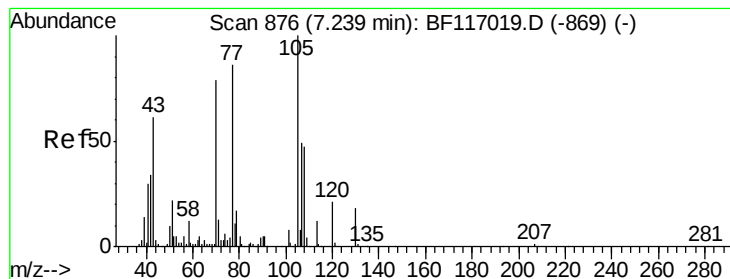


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.112 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111105

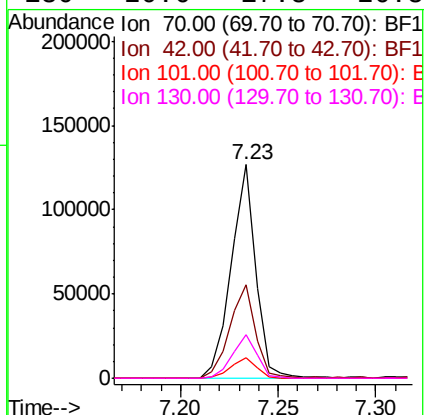
Ion Ratio Lower Upper

70 100

42 44.0 34.0 51.0

101 9.4 7.8 11.6

130 20.6 17.8 26.8



#20

3+4-Methylphenols

Concen: 39.748 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Tgt Ion: 107 Resp: 170296

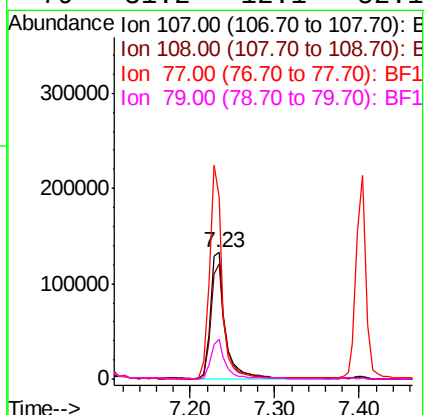
Ion Ratio Lower Upper

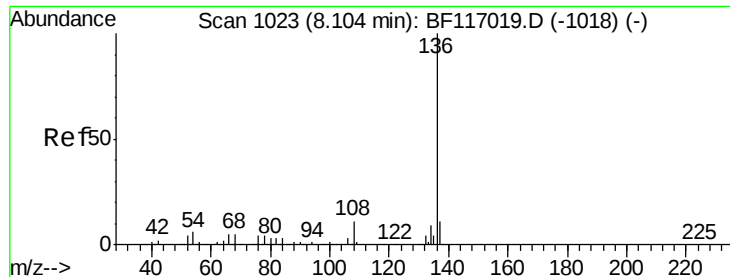
107 100

108 91.3 72.6 112.6

77 144.0 132.1 172.1

79 31.2 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: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 237347

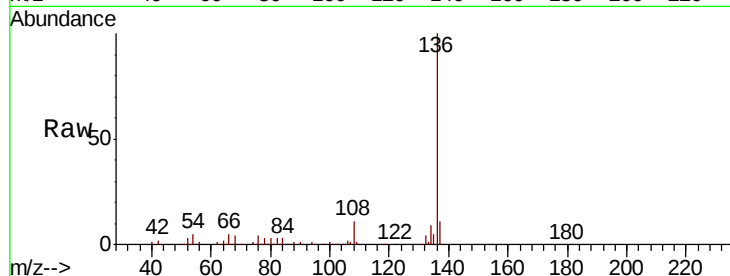
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 4.9 4.5 6.7

68 4.2 4.0 6.0

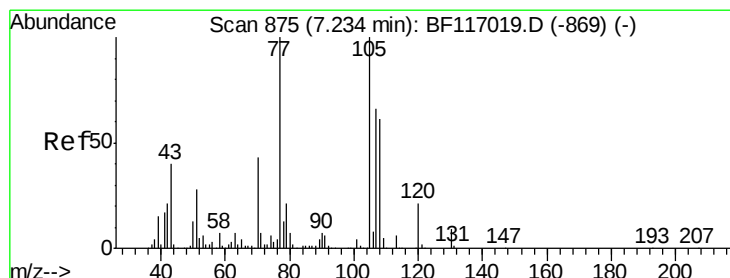
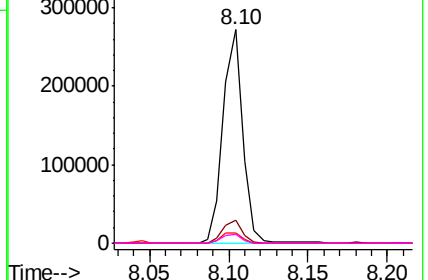
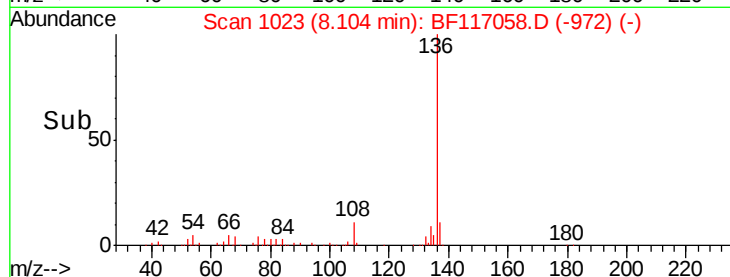


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.176 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Tgt Ion:105 Resp: 230209

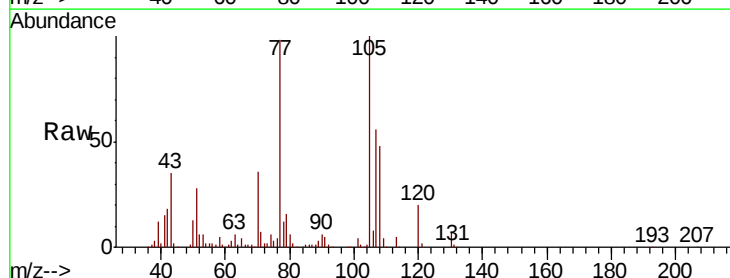
Ion Ratio Lower Upper

105 100

71 6.6 5.7 8.5

51 28.1 22.1 33.1

120 20.4 17.1 25.7

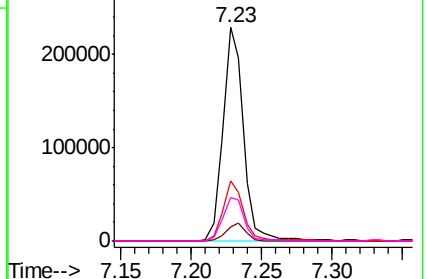
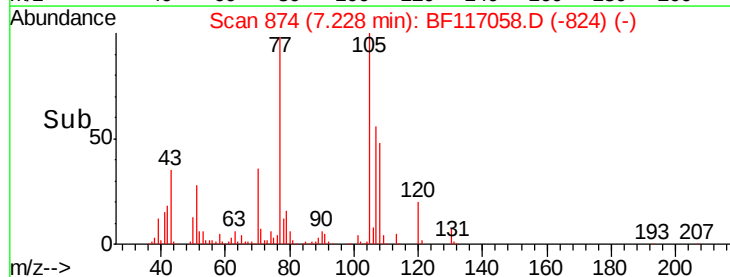


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

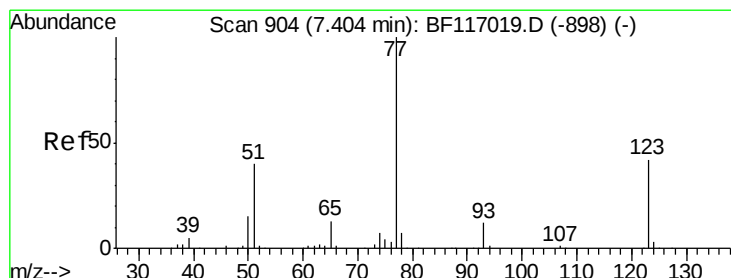
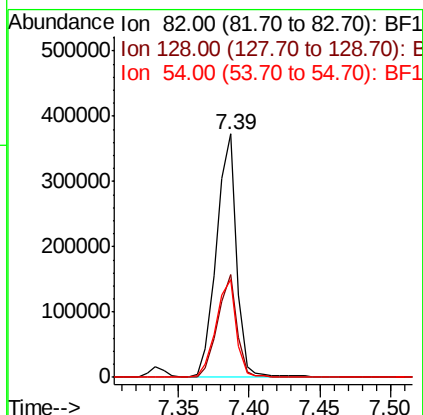
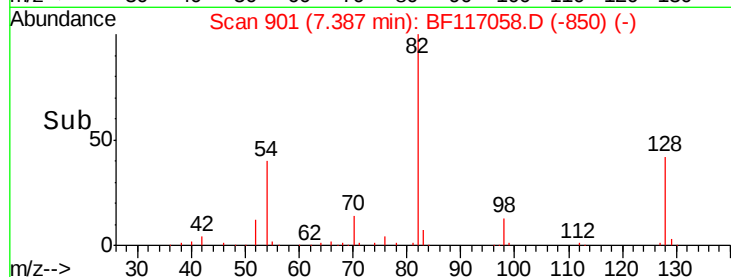
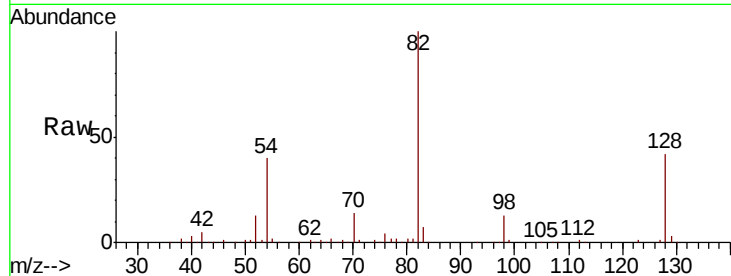




#23
 Nitrobenzene-d5
 Concen: 82.137 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

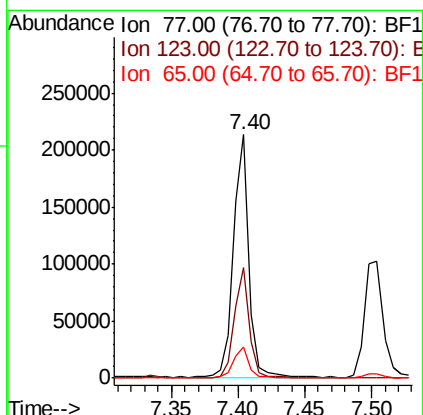
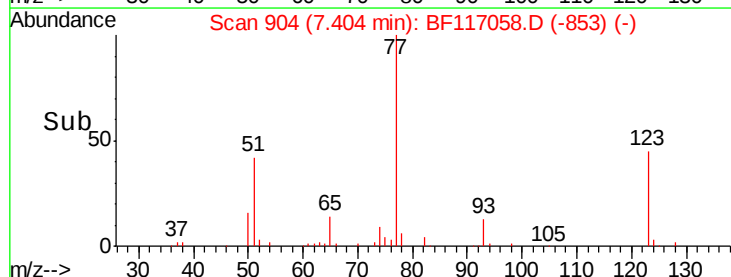
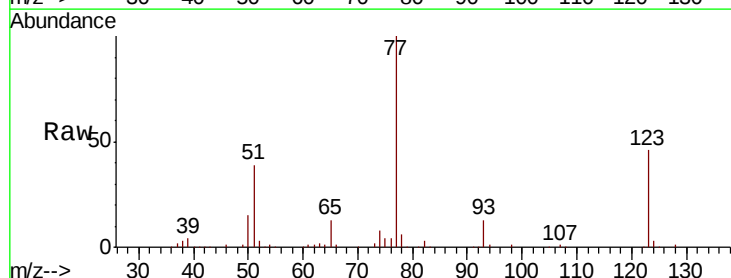
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	39.9	33.3	49.9



#24
 Nitrobenzene
 Concen: 38.514 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.5	50.3
65	12.5	10.5	15.7





#25

Isophorone

Concen: 38.750 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

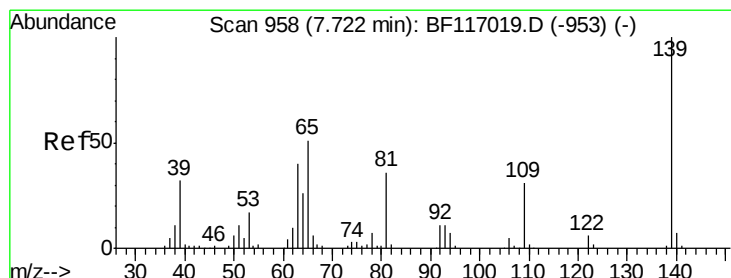
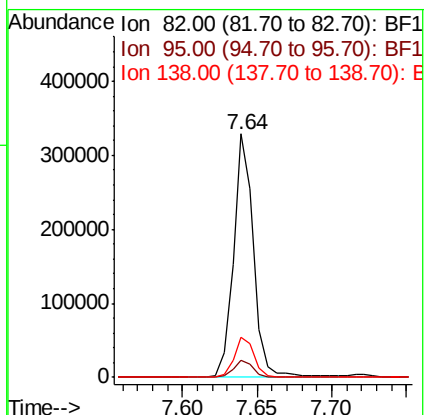
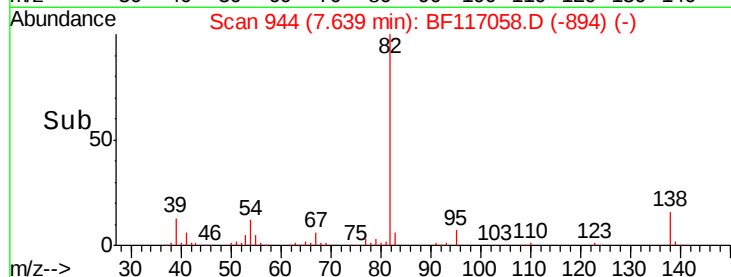
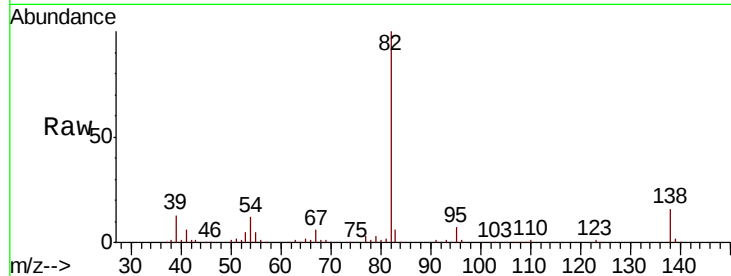
Tot Ion: 82 Resp: 309931

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 16.3 13.5 20.3



#26

2-Nitrophenol

Concen: 41.127 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

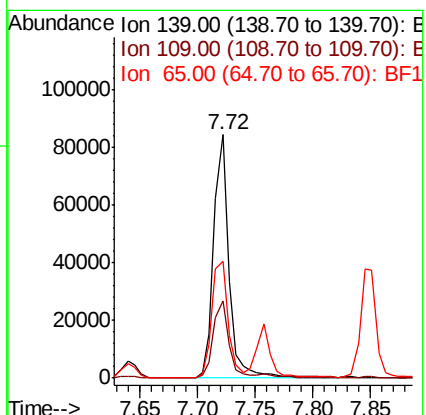
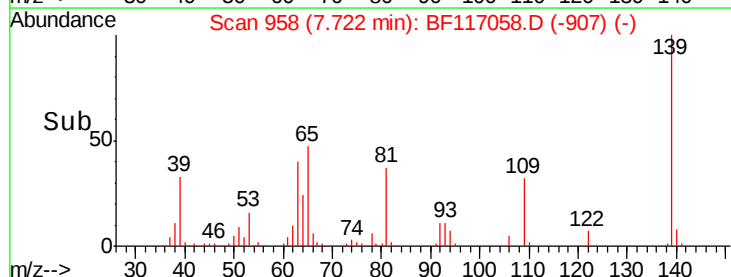
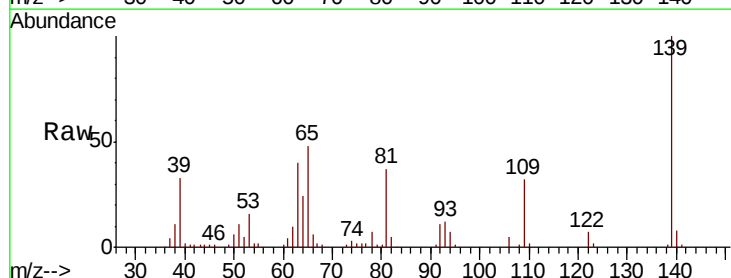
Tgt Ion: 139 Resp: 78805

Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

65 48.0 40.9 61.3

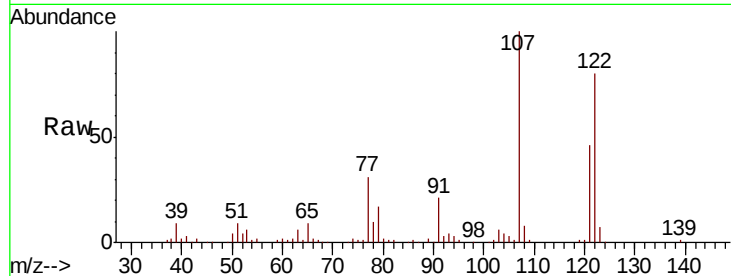




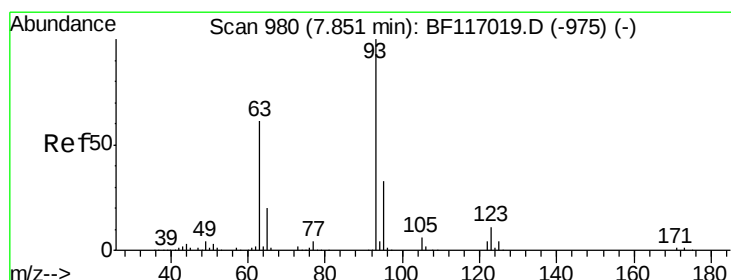
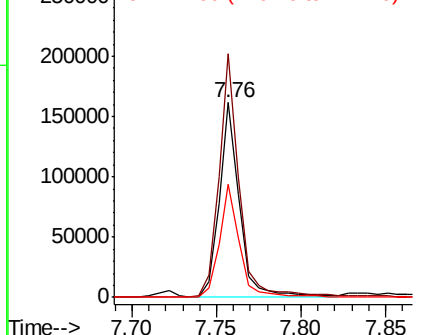
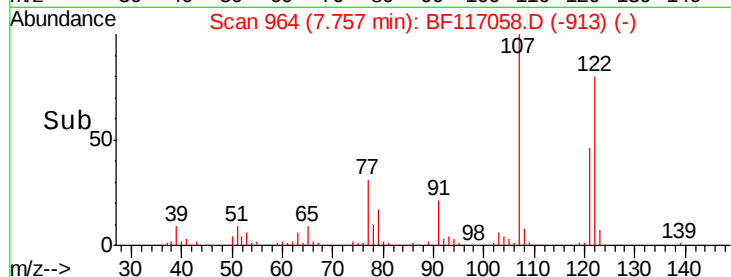
#27
 2,4-Dimethylphenol
 Concen: 44.124 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 134074
 Ion Ratio Lower Upper
 122 100
 107 124.9 98.9 148.3
 121 57.8 45.3 67.9

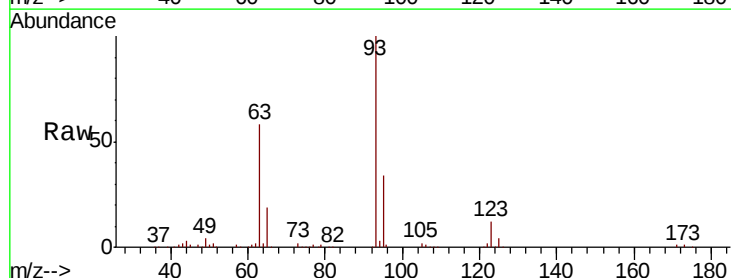


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

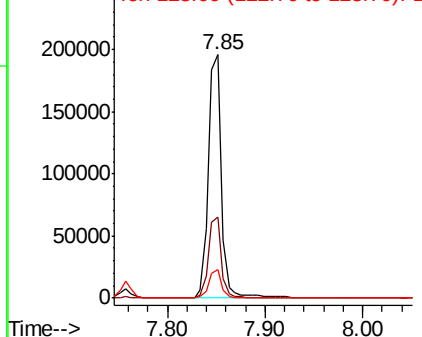
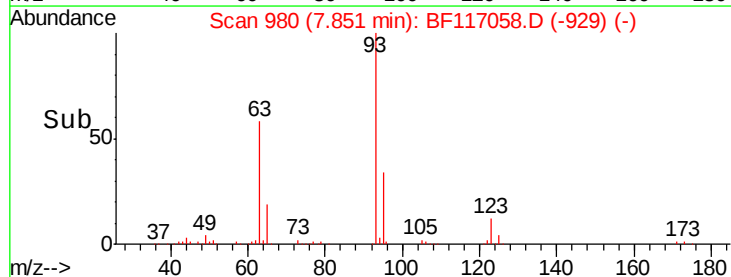


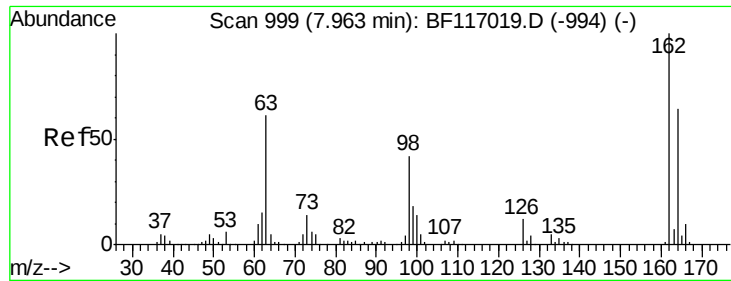
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.517 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion: 93 Resp: 184873
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.2 39.4
 123 12.0 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

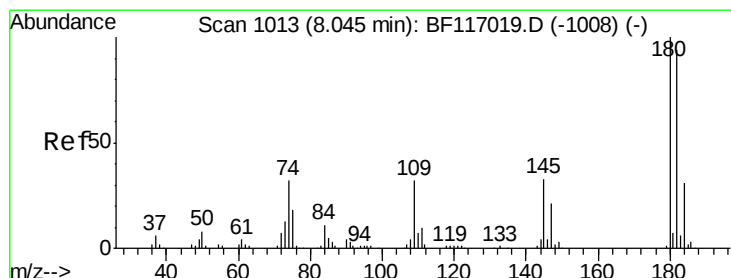
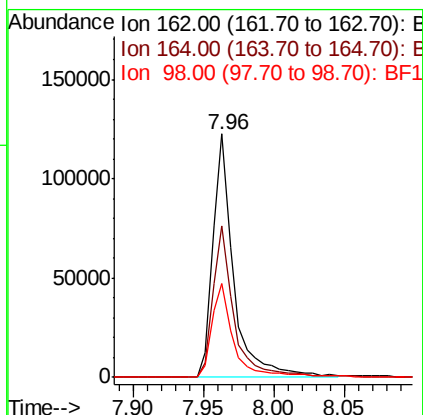
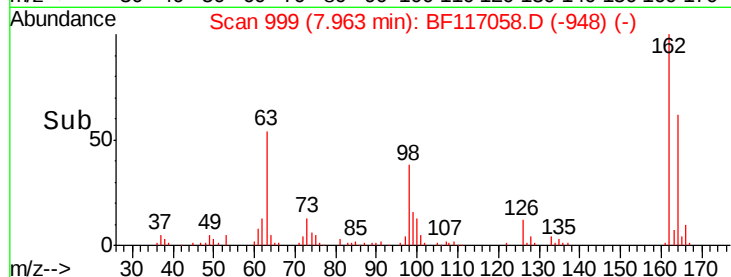
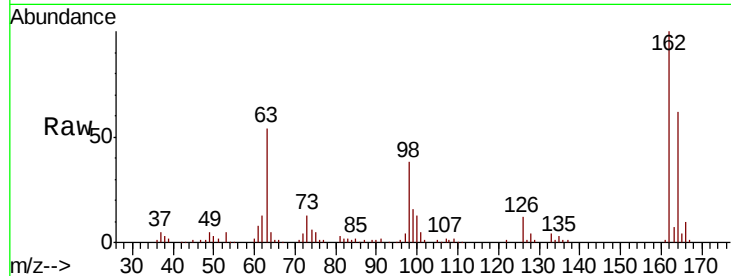




#29
 2,4-Dichlorophenol
 Concen: 39.494 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

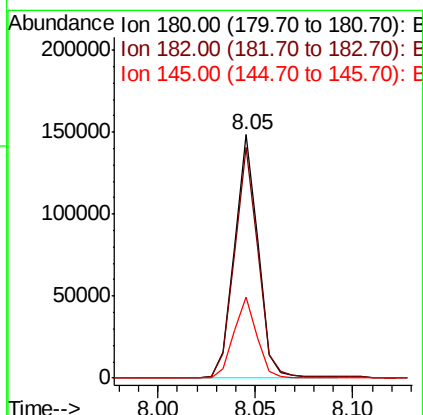
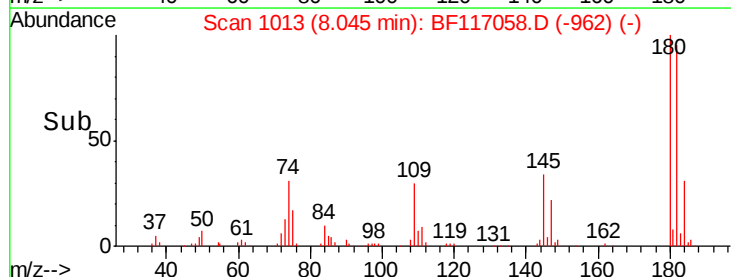
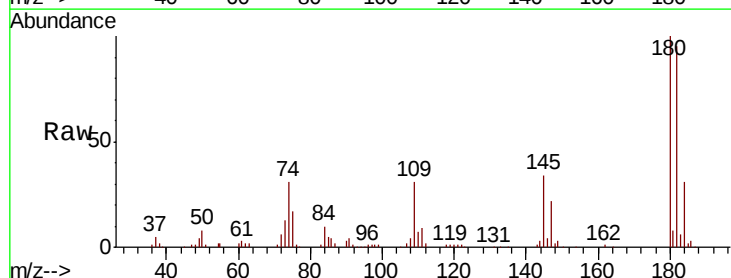
Instrument :
 BNA_F
 ClientSampleId :

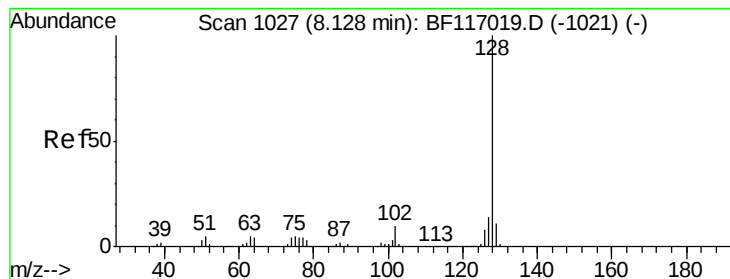
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.8	83.8
98	38.5	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.230 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
145	33.5	26.7	40.1





#31

Naphthalene

Concen: 38.861 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

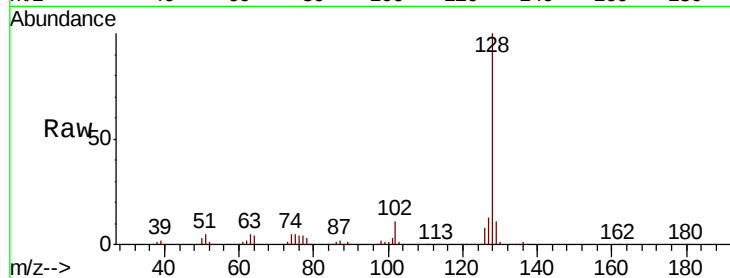
Tot Ion:128 Resp: 443590

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

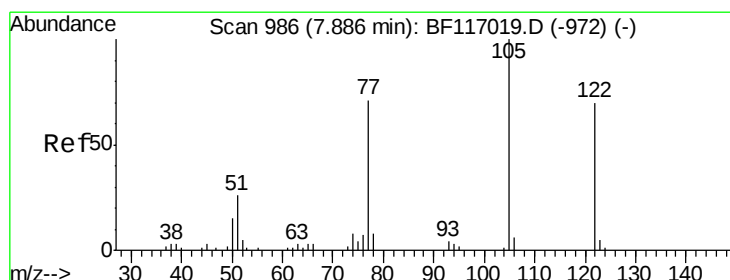
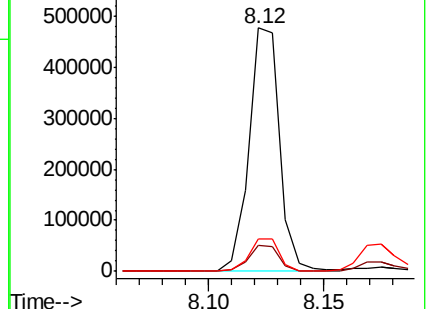
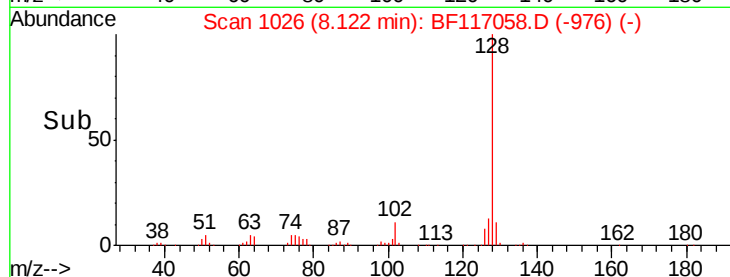
127 13.3 10.8 16.2



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: 8.628 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

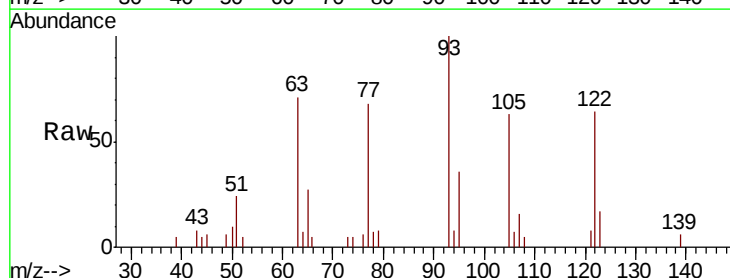
Tgt Ion:122 Resp: 5411

Ion Ratio Lower Upper

122 100

105 98.0 114.8 154.8#

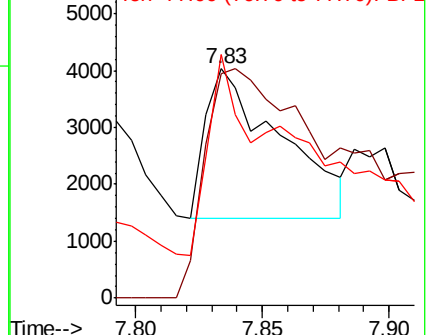
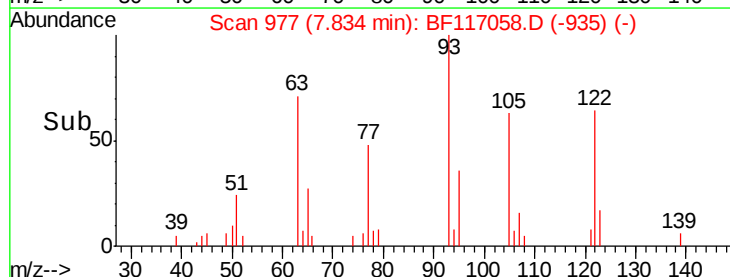
77 106.3 78.7 118.7

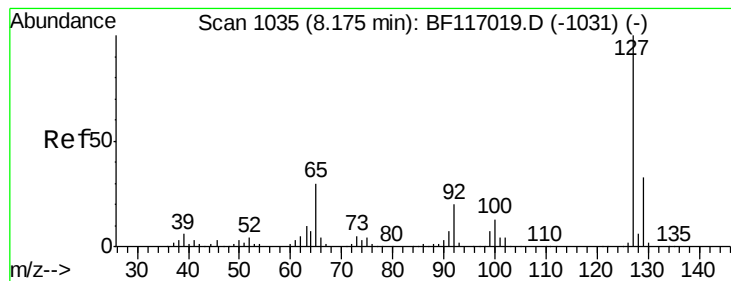


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.744 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 74645

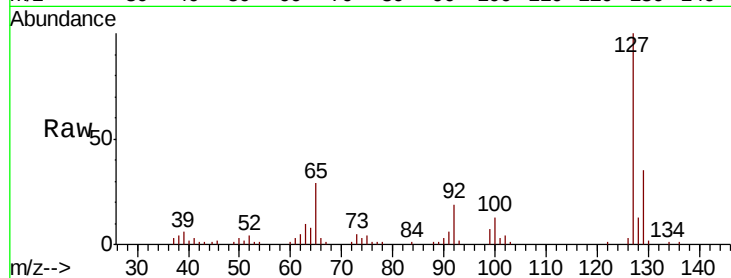
Ion Ratio Lower Upper

127 100

129 34.5 26.2 39.2

65 28.9 23.5 35.3

92 19.2 15.9 23.9

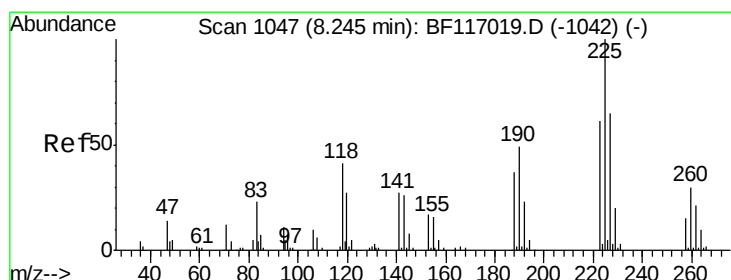
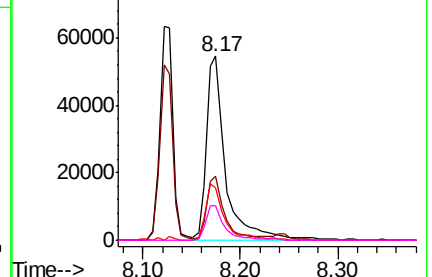
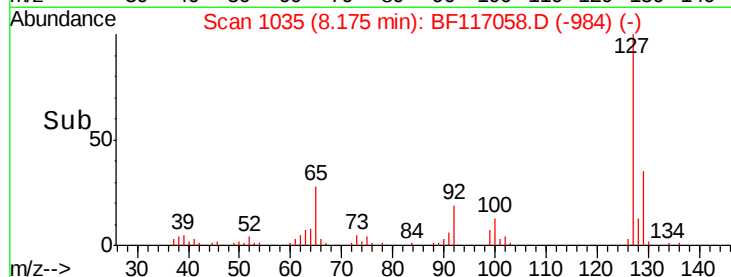


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.501 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

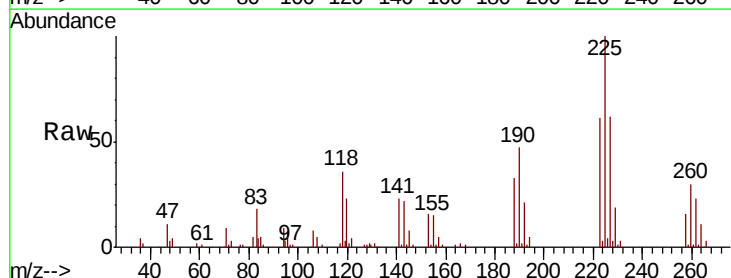
Tgt Ion:225 Resp: 71234

Ion Ratio Lower Upper

225 100

223 60.8 49.1 73.7

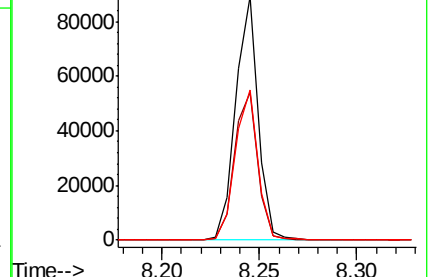
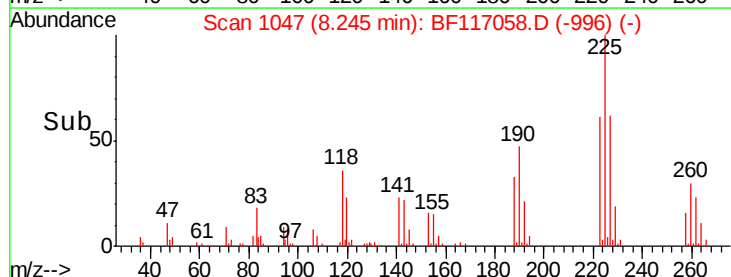
227 61.9 52.2 78.2

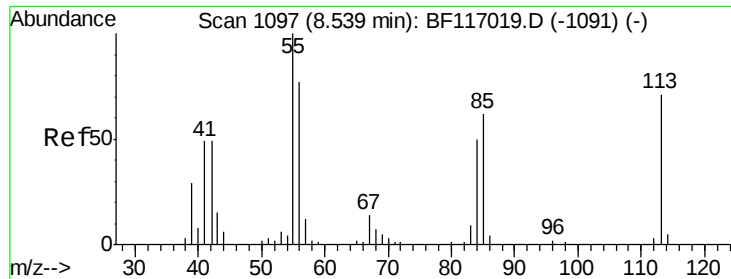


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

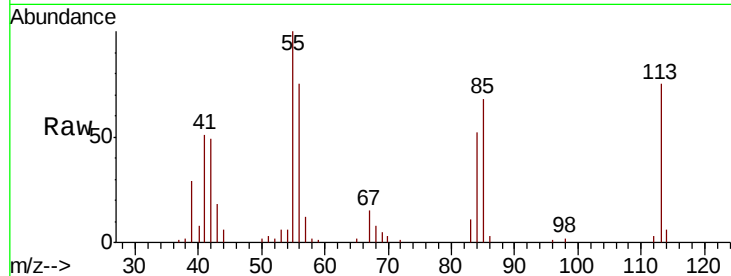




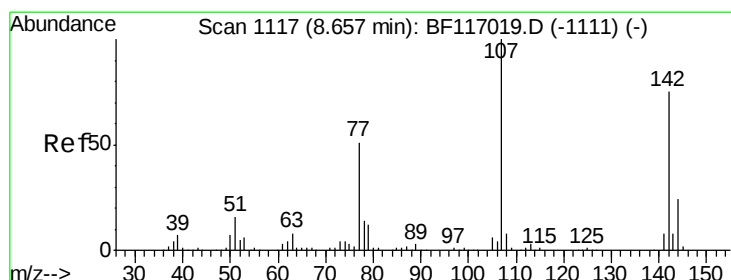
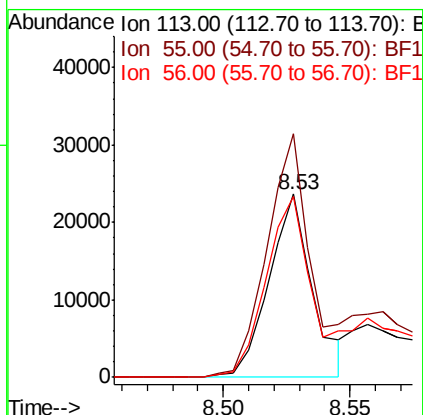
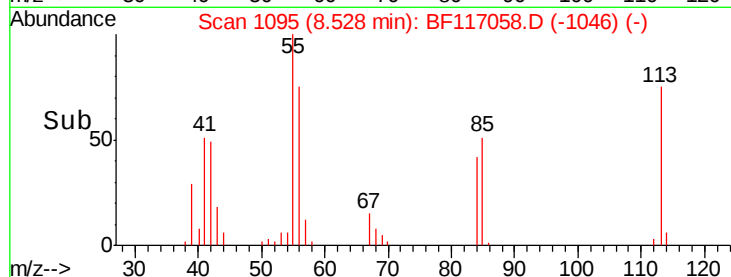
#35
 Caprolactam
 Concen: 26.034 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 28056
 Ion Ratio Lower Upper
 113 100
 55 133.1 120.6 160.6
 56 99.3 88.8 128.8

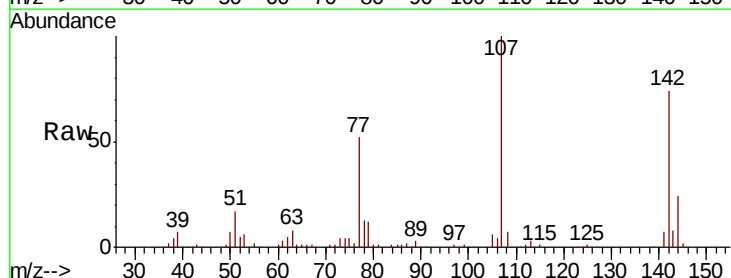


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

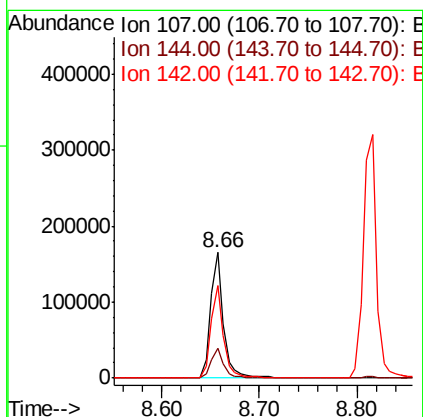
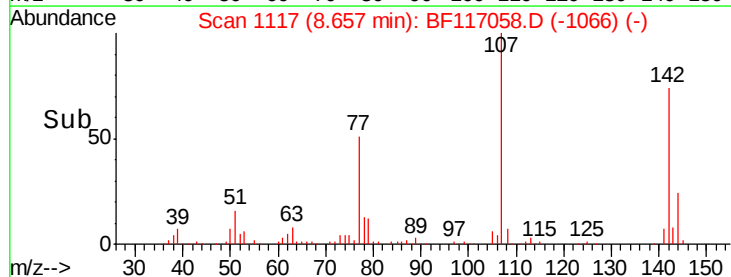


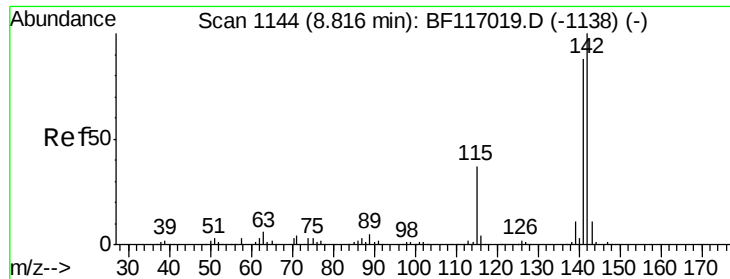
#36
 4-Chloro-3-methylphenol
 Concen: 40.687 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion:107 Resp: 151049
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.2 28.8
 142 74.0 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

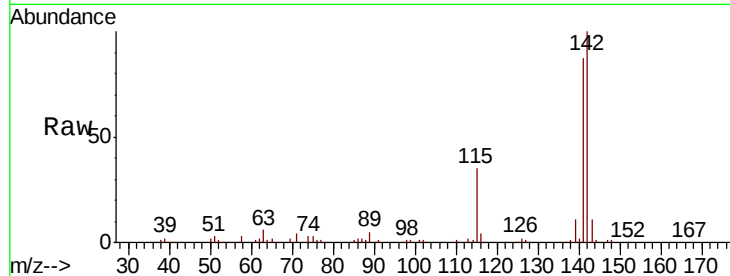




#37
2-Methylnaphthalene
Concen: 39.358 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.7	106.1
115	35.4	29.4	44.0

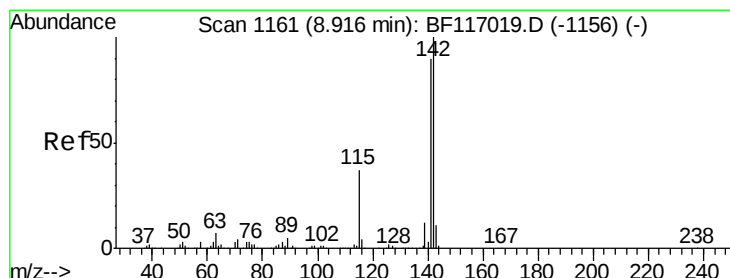
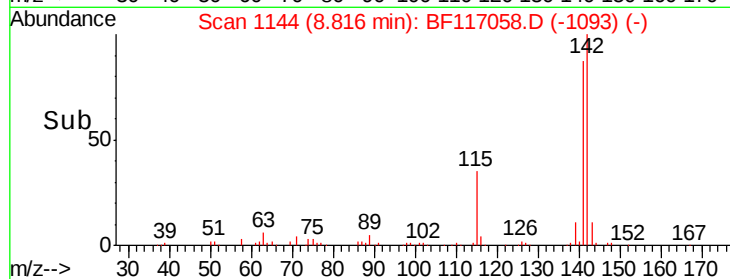
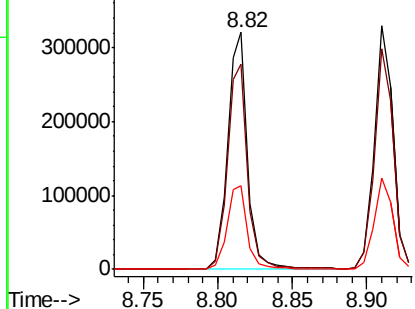


Abundance

Ion 142.00 (141.70 to 142.70): E

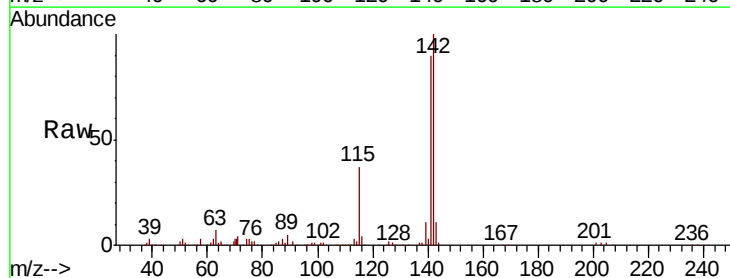
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.205 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
116	4.1	3.2	4.8

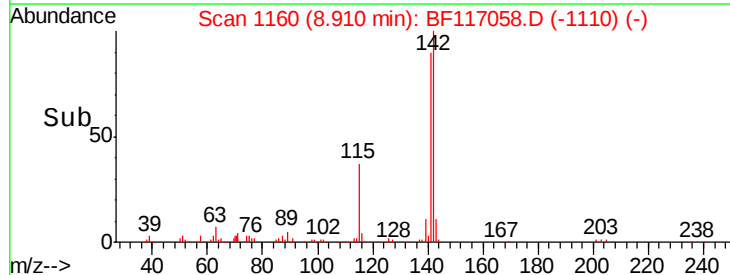
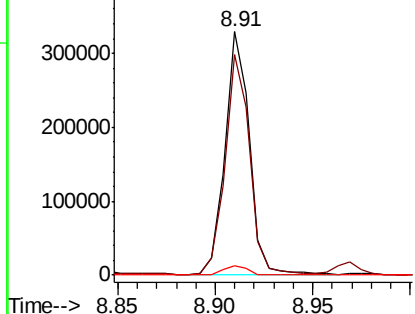


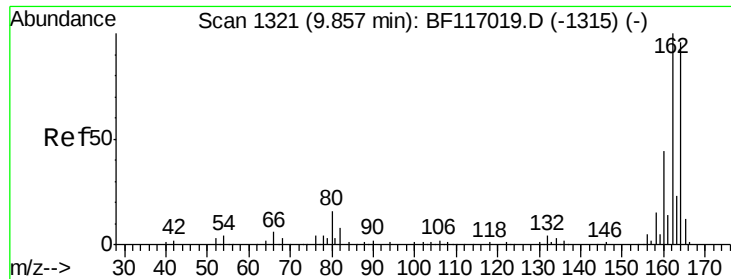
Abundance

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: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

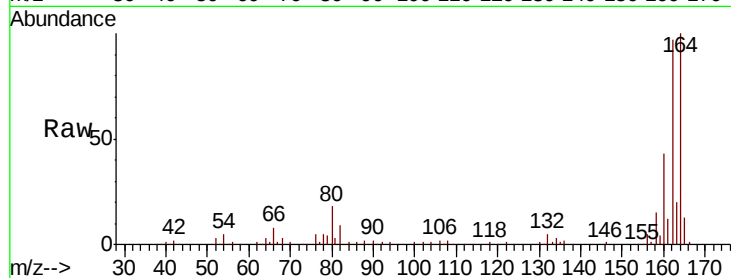
Tot Ion:164 Resp: 125524

Ion Ratio Lower Upper

164 100

162 97.3 83.4 125.2

160 43.5 36.4 54.6

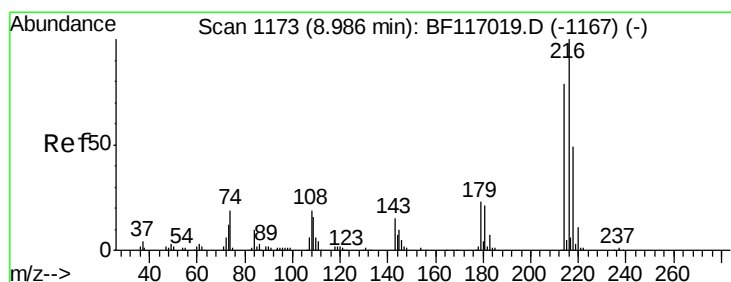
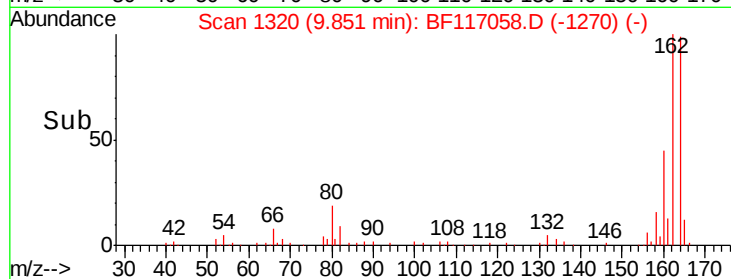
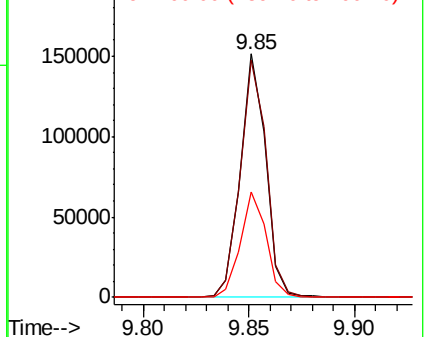


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.061 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Tgt Ion:216 Resp: 120128

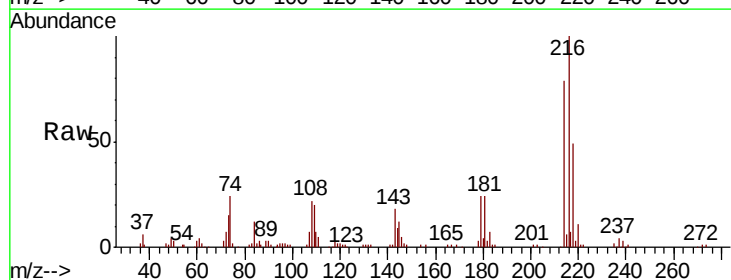
Ion Ratio Lower Upper

216 100

214 79.1 63.6 95.4

179 23.6 18.3 27.5

108 23.6 17.8 26.6



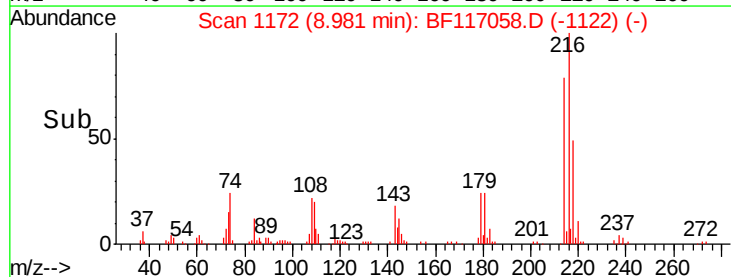
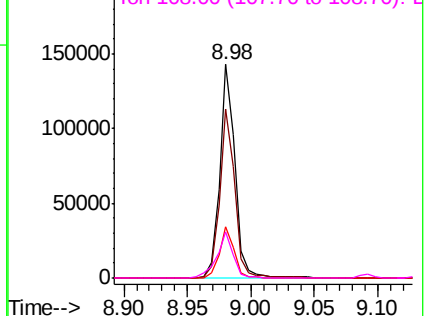
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.530 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

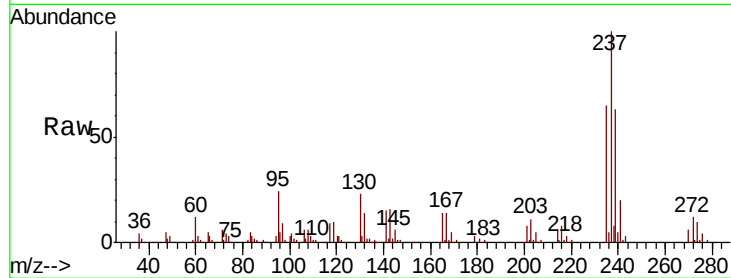
Tot Ion:237 Resp: 94811

Ion Ratio Lower Upper

237 100

235 65.3 43.2 83.2

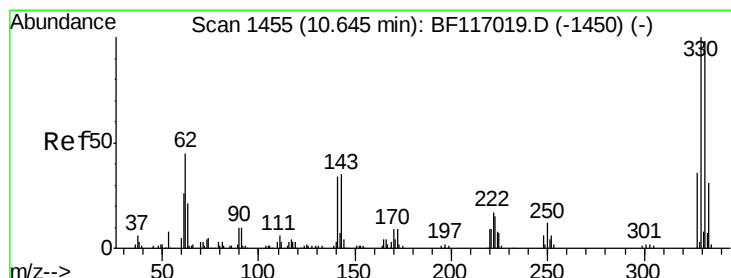
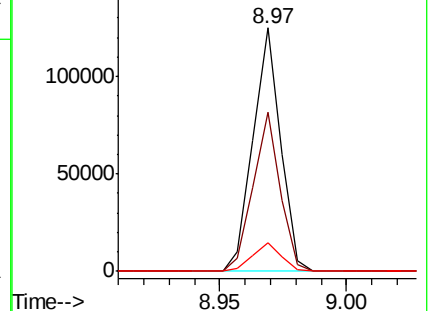
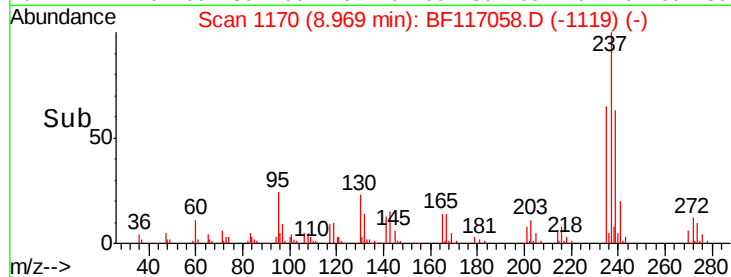
272 11.7 0.0 31.9



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: 125.914 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

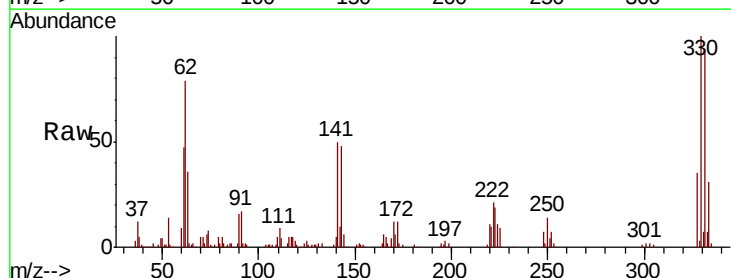
Tgt Ion:330 Resp: 132095

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

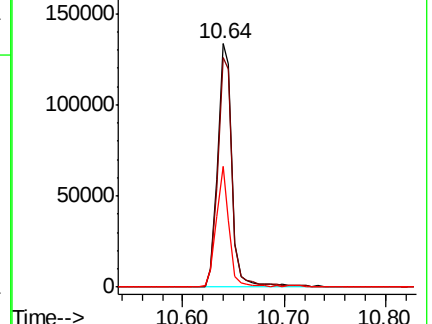
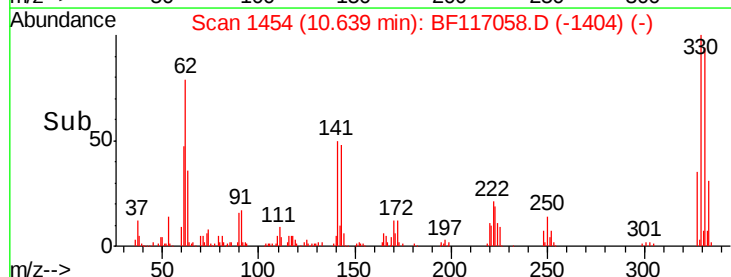
141 44.2 35.8 53.6



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

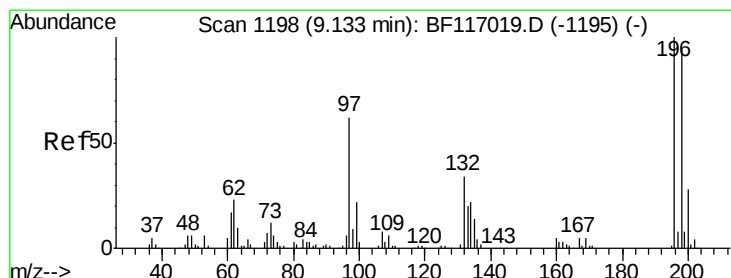
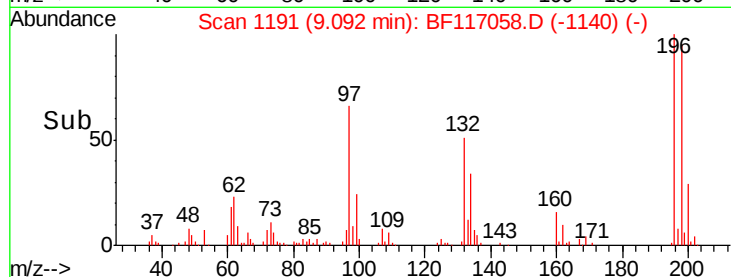
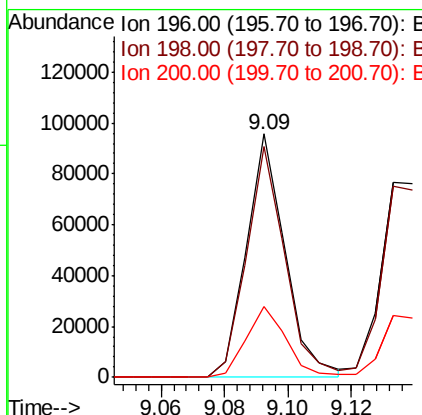
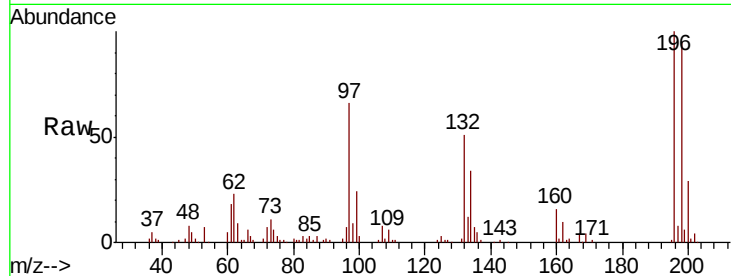




#43
 2,4,6-Trichlorophenol
 Concen: 36.748 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

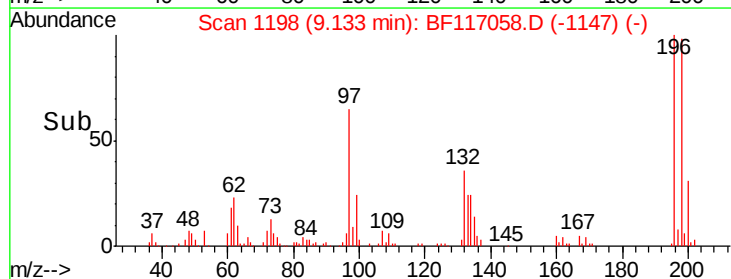
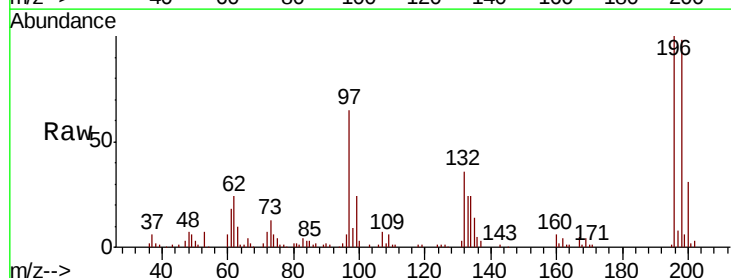
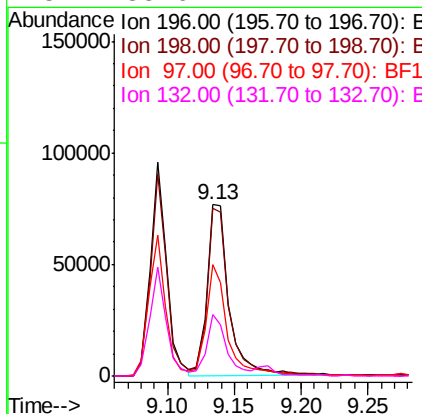
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 80834
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 28.9 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 37.477 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion:196 Resp: 88078
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.6 112.0
 97 65.3 49.5 74.3
 132 35.6 27.4 41.2

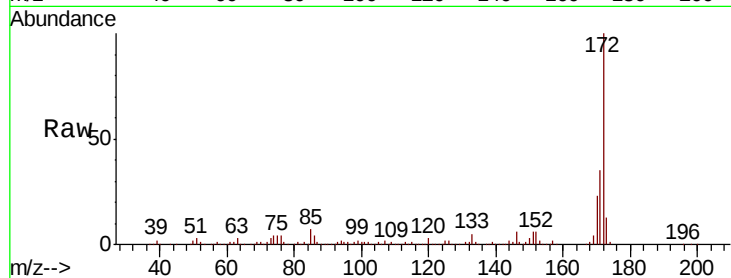




#45
2-Fluorobiphenyl
Concen: 79.604 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.9	28.3

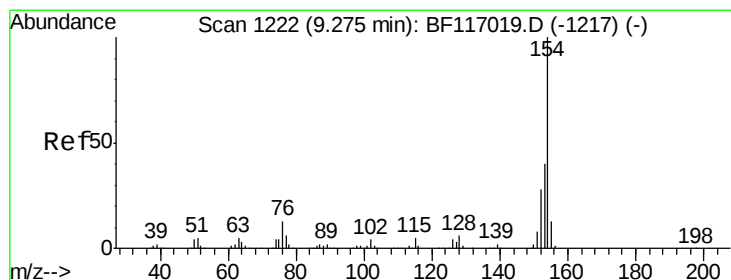
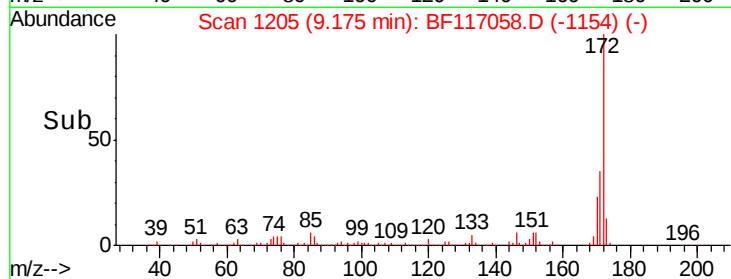
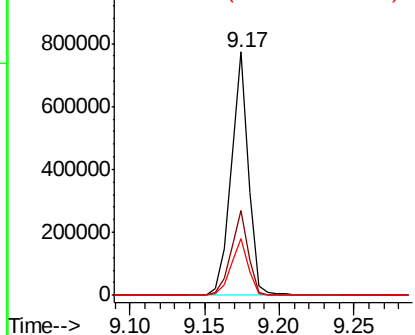


Abundance

Ion 172.00 (171.70 to 172.70): E

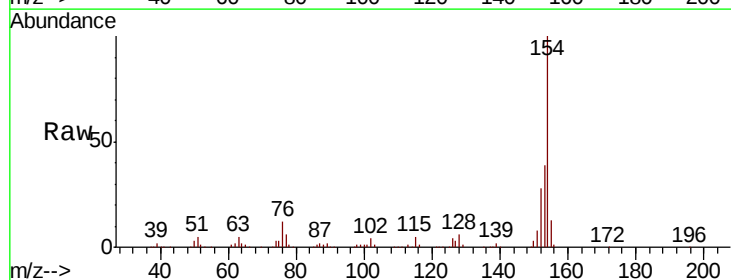
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.483 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	12.0	0.0	32.7

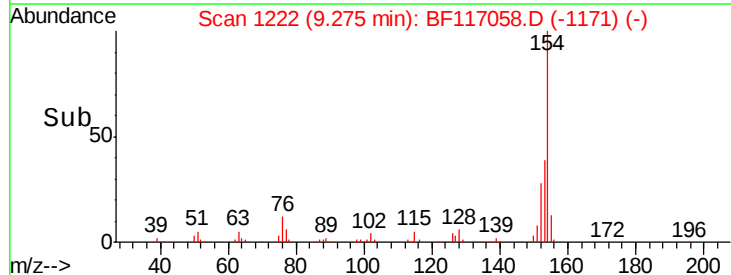
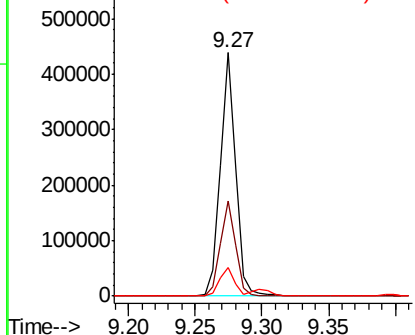


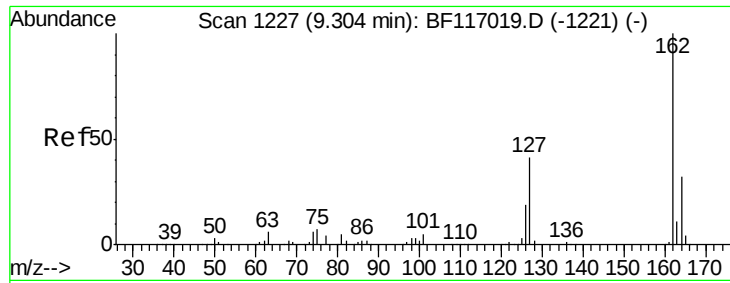
Abundance

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

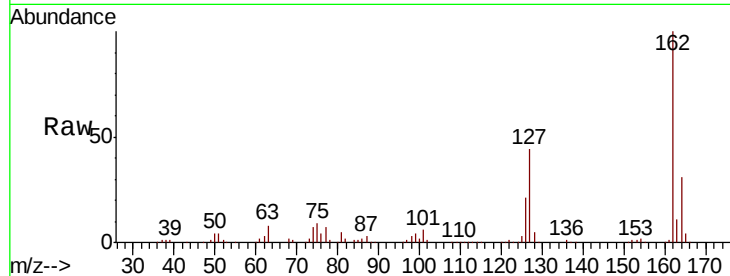




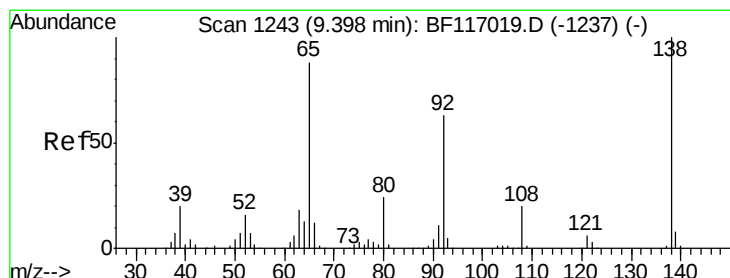
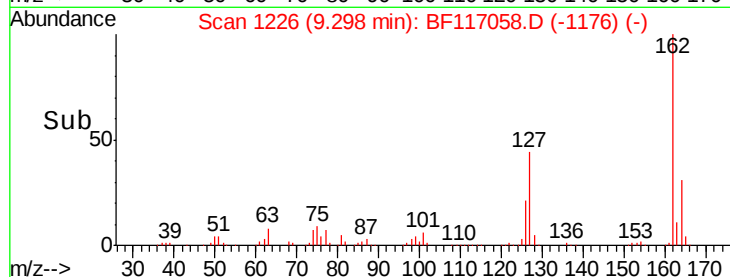
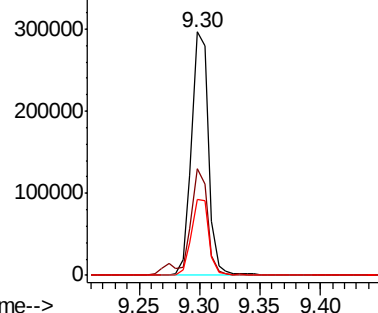
#47
 2-Chloronaphthalene
 Concen: 36.933 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.1	51.1
164	31.4	25.9	38.9

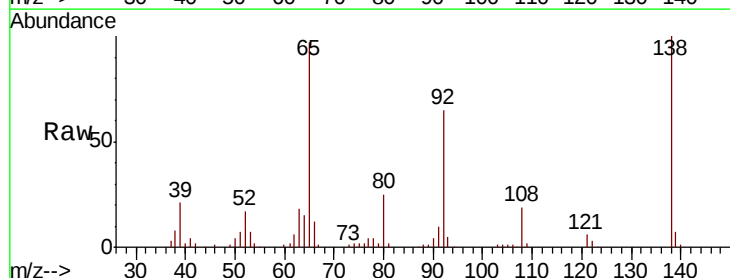


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

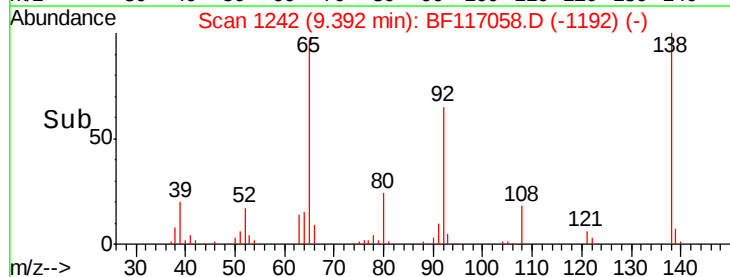
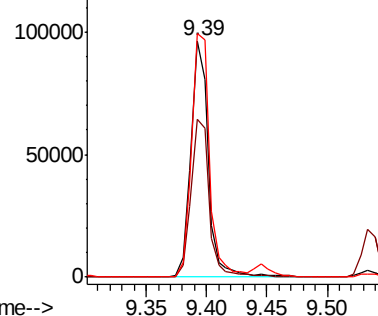


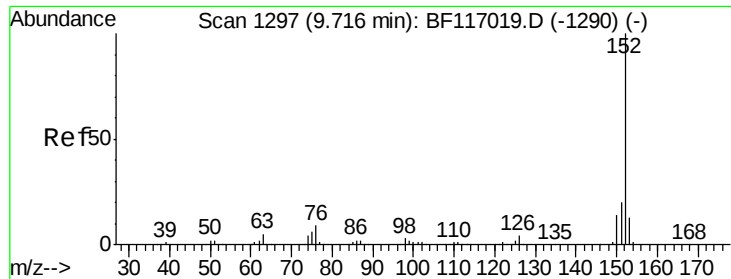
#48
 2-Nitroaniline
 Concen: 38.139 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	57.5	86.3
138	103.0	90.6	136.0



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





#49

Acenaphthylene

Concen: 38.986 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

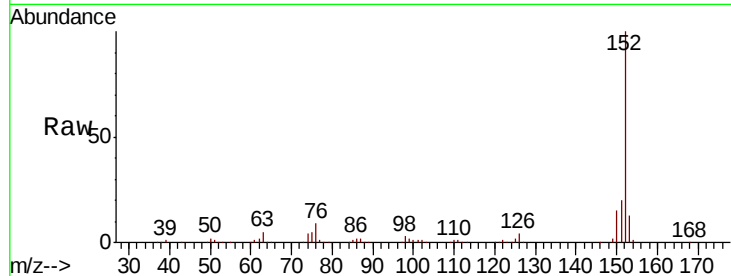
Tot Ion:152 Resp: 453828

Ion Ratio Lower Upper

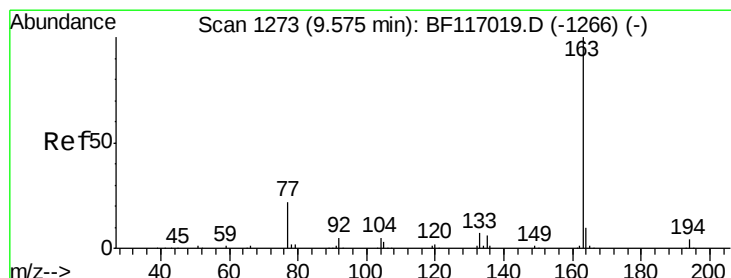
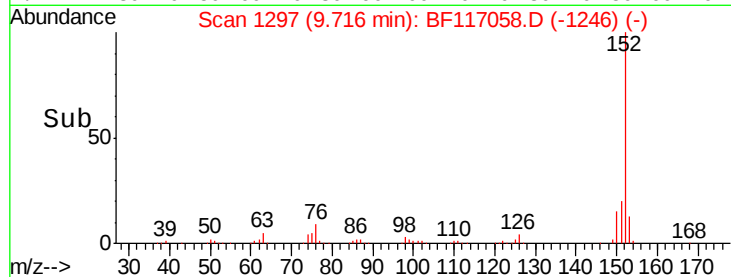
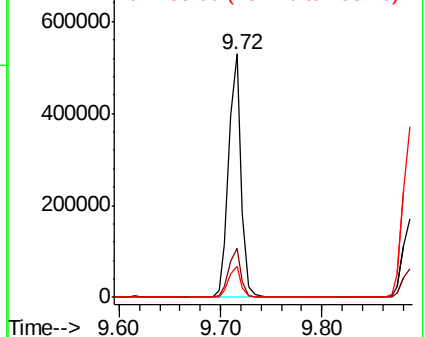
152 100

151 20.2 16.2 24.2

153 12.9 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: 51.562 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

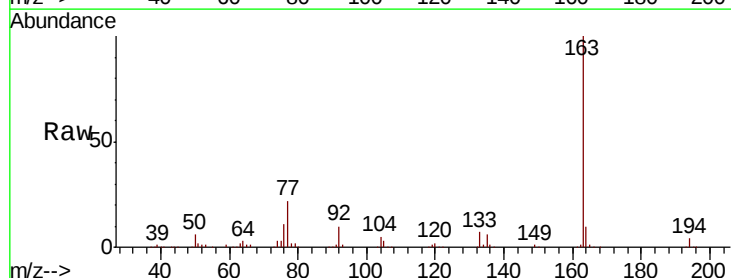
Tgt Ion:163 Resp: 458269

Ion Ratio Lower Upper

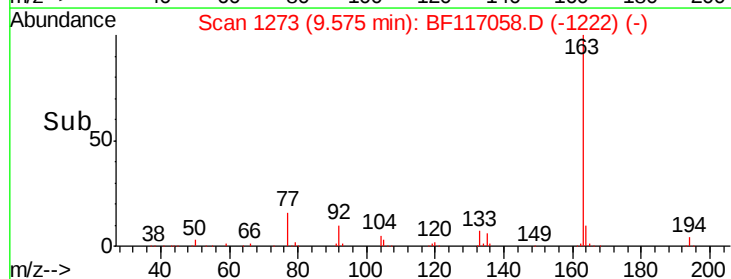
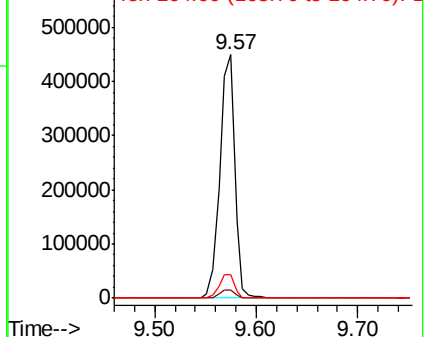
163 100

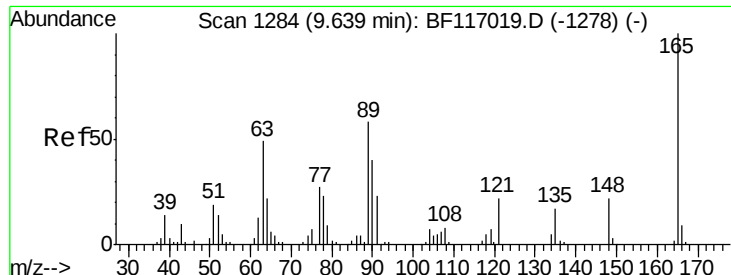
194 3.6 2.9 4.3

164 9.9 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

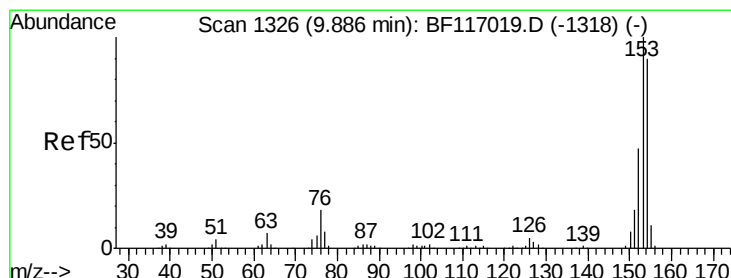
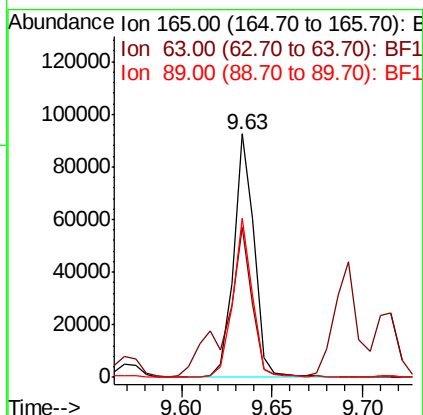
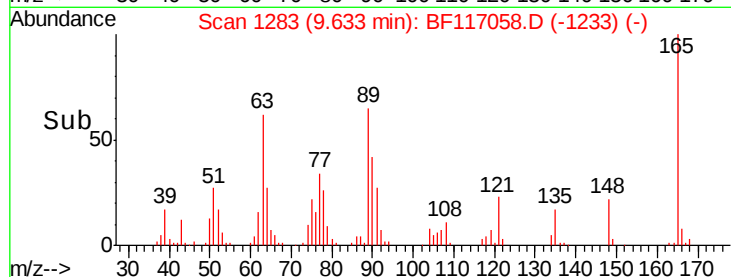
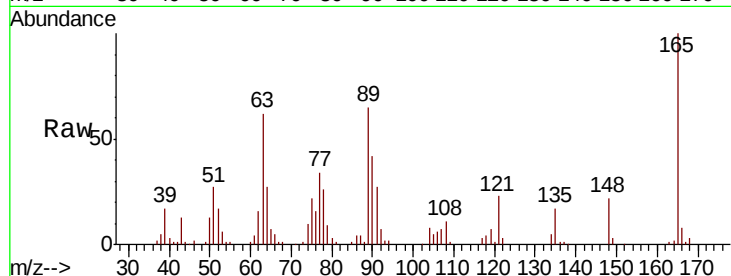




#51
 2,6-Dinitrotoluene
 Concen: 40.184 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

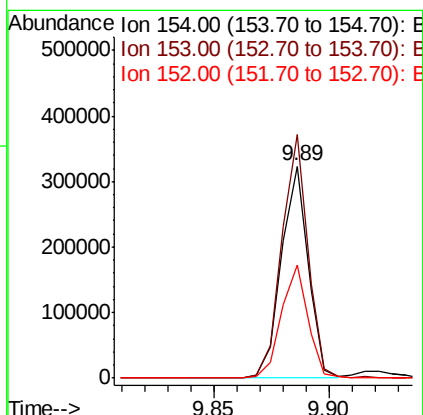
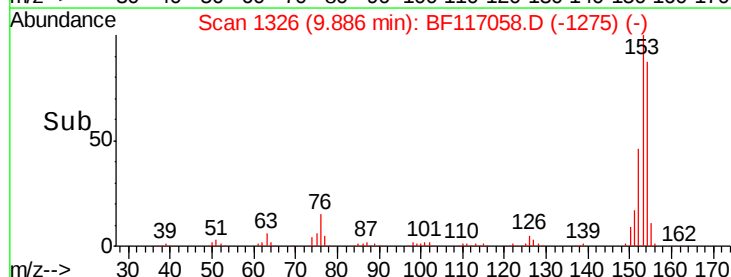
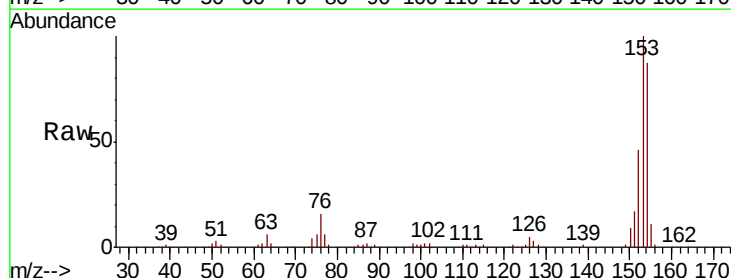
Instrument :
 BNA_F
 ClientSampleId :

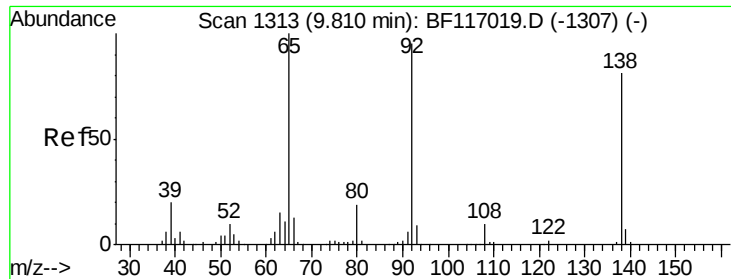
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.8	41.8	62.8
89	65.3	46.5	69.7



#52
 Acenaphthene
 Concen: 37.551 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.0	133.6
152	53.1	41.9	62.9

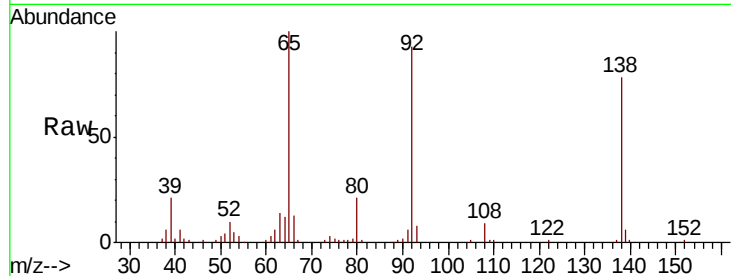




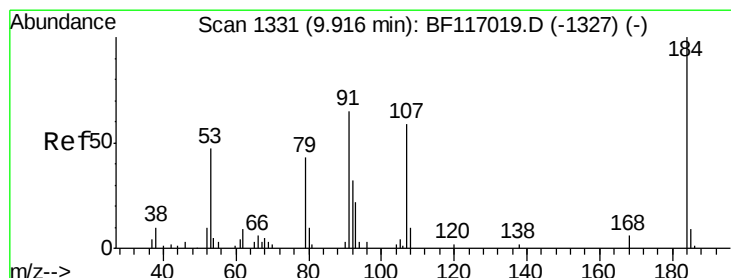
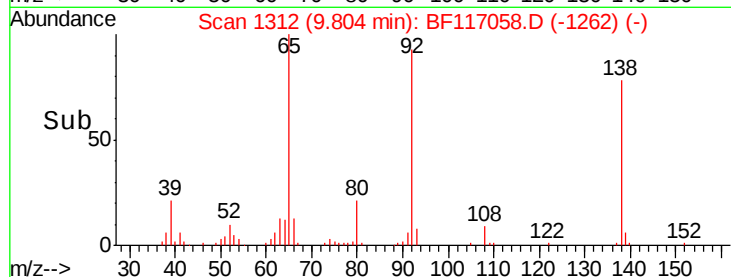
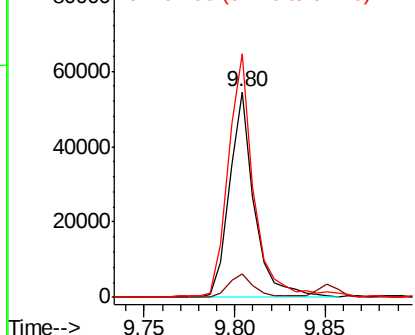
#53
3-Nitroaniline
Concen: 22.702 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 51849
Ion Ratio Lower Upper
138 100
108 11.7 9.5 14.3
92 118.4 94.1 141.1

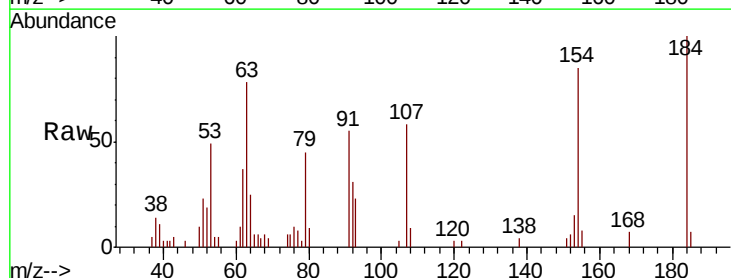


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

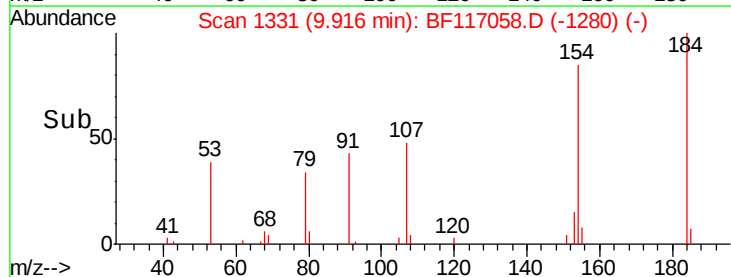
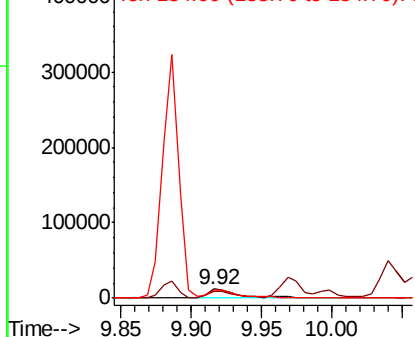


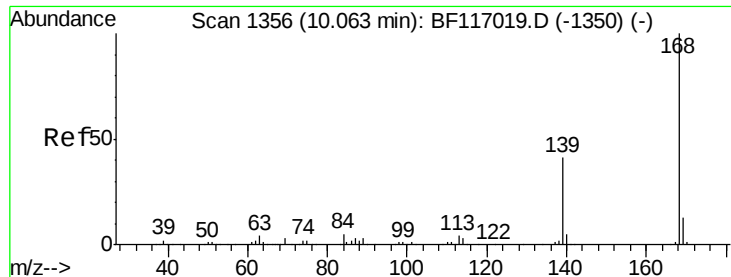
#54
2,4-Dinitrophenol
Concen: 30.121 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:184 Resp: 18498
Ion Ratio Lower Upper
184 100
63 78.0 63.8 95.6
154 84.9 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

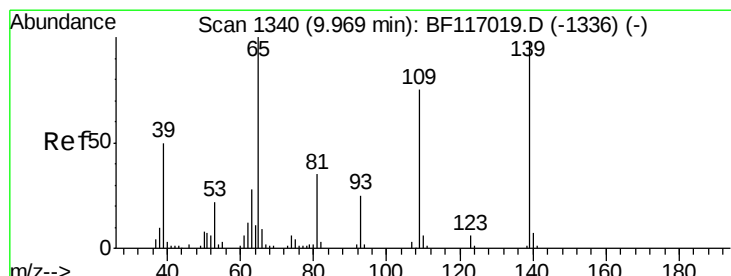
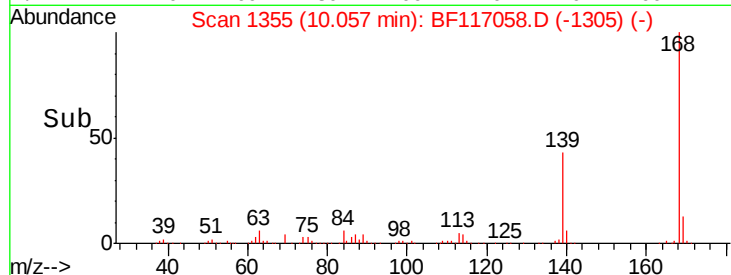
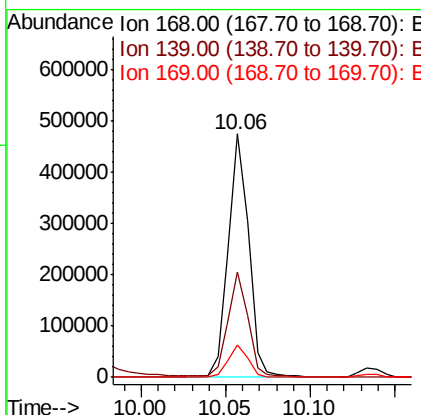
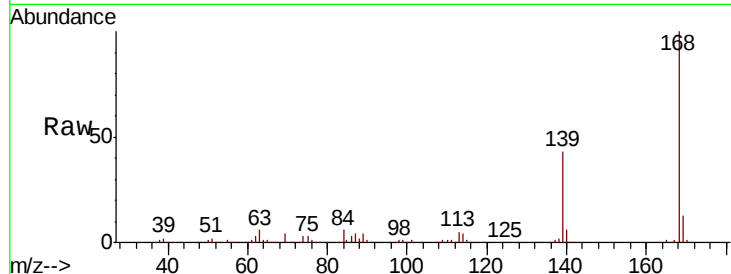




#55
Dibenzenofuran
Concen: 39.054 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

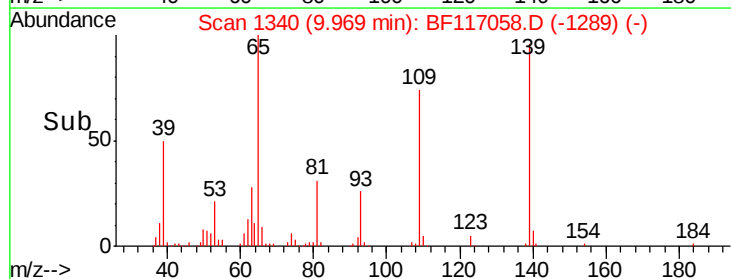
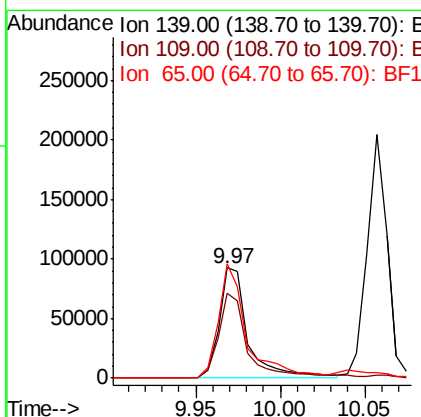
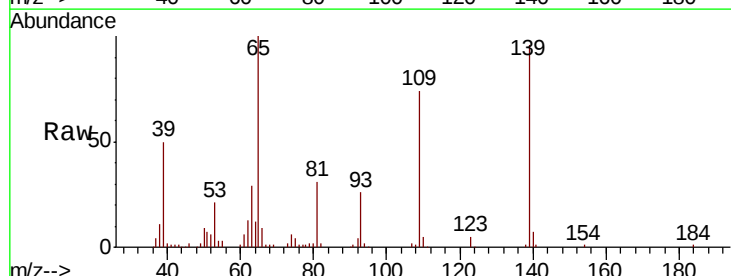
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 397622
Ion Ratio Lower Upper
168 100
139 43.1 32.8 49.2
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 74.411 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:139 Resp: 110143
Ion Ratio Lower Upper
139 100
109 77.3 56.4 96.4
65 104.0 82.5 122.5

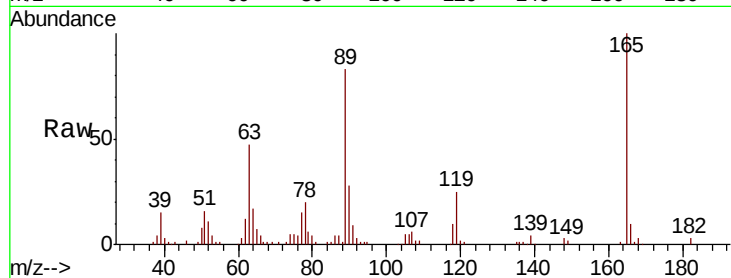




#57
2,4-Dinitrotoluene
Concen: 41.940 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	35.0	52.4
89	83.4	66.1	99.1
182	2.6	2.0	3.0



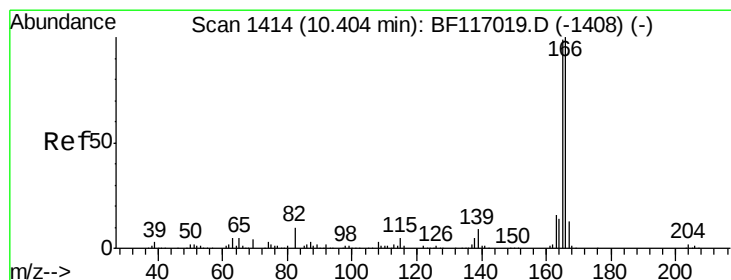
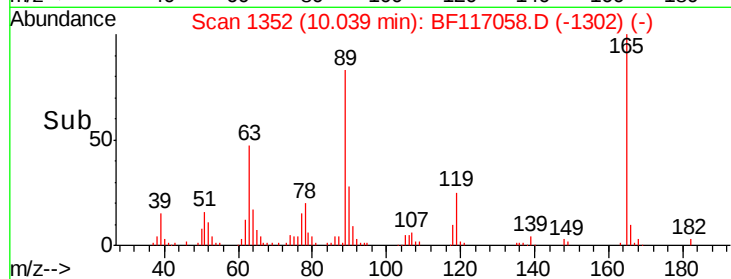
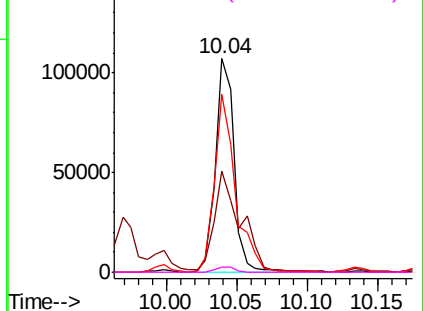
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

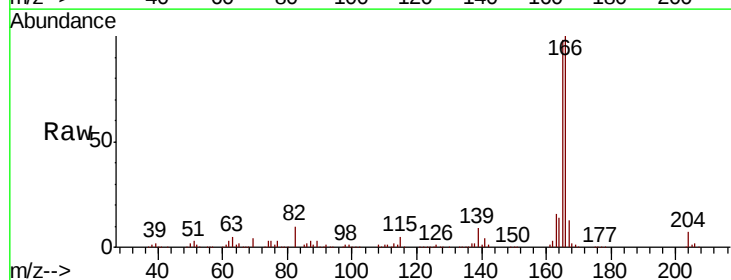
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.294 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.9	118.3
167	13.0	10.6	15.8

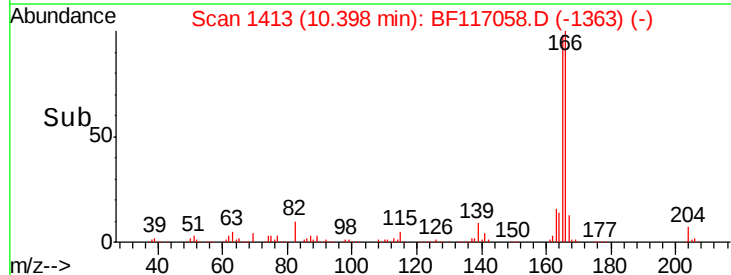
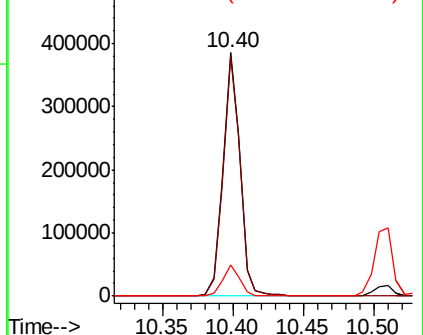


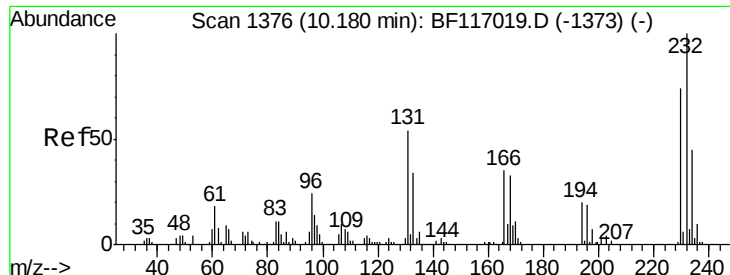
Abundance

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

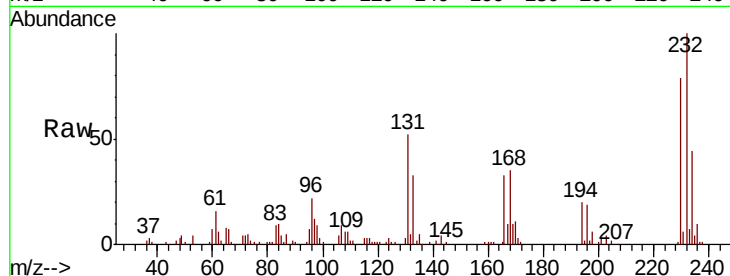




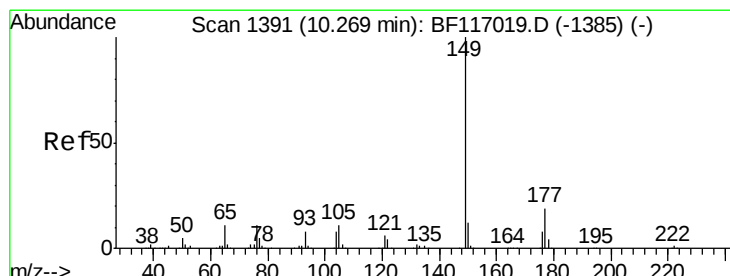
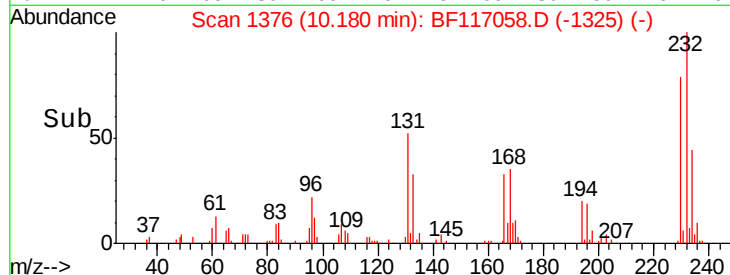
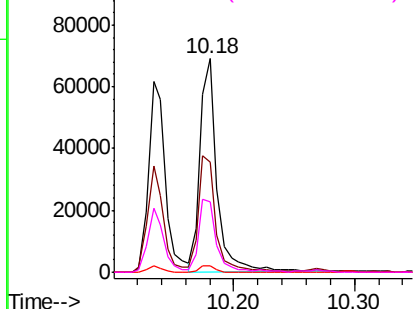
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.766 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 67920
Ion Ratio Lower Upper
232 100
131 57.9 45.3 67.9
130 2.7 1.8 2.8
166 36.4 29.4 44.2

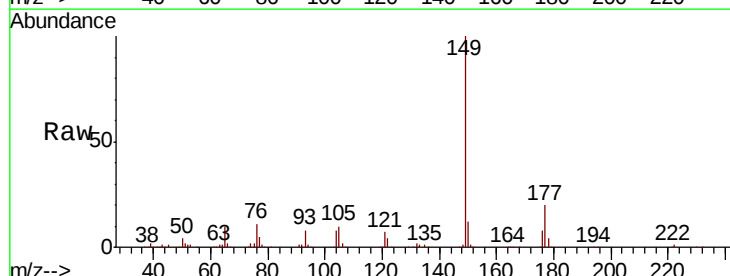


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

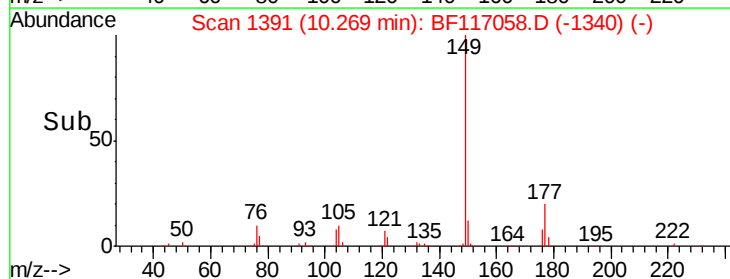
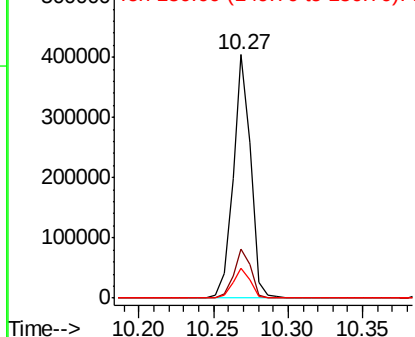


#60
Diethylphthalate
Concen: 38.171 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:149 Resp: 333765
Ion Ratio Lower Upper
149 100
177 20.4 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

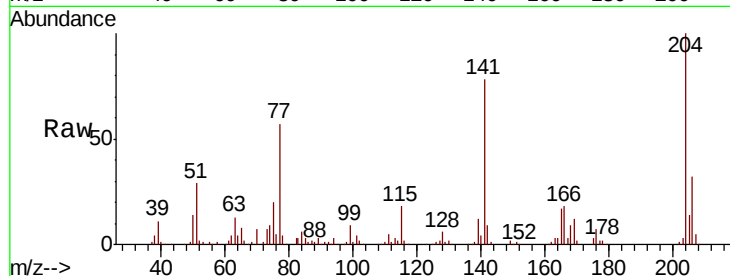




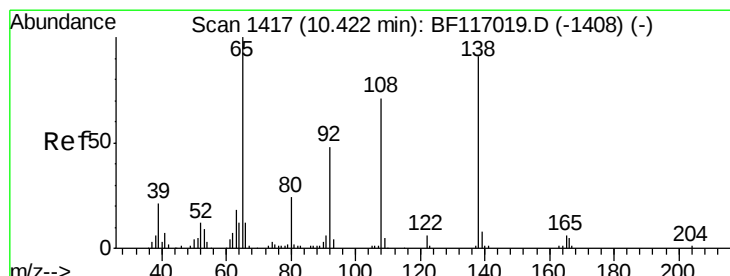
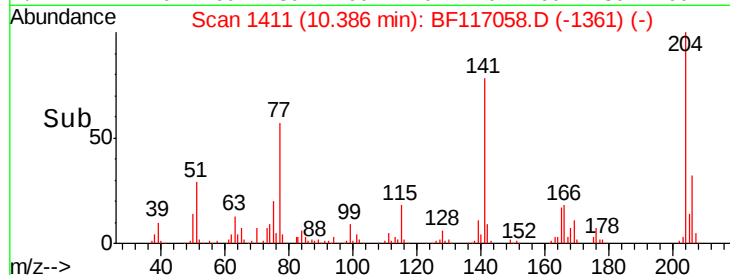
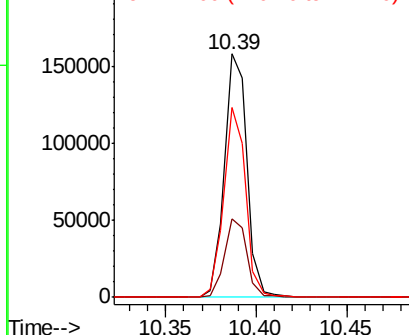
#61
4-Chlorophenyl-phenylether
Concen: 38.657 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 137171
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 77.9 58.2 87.2

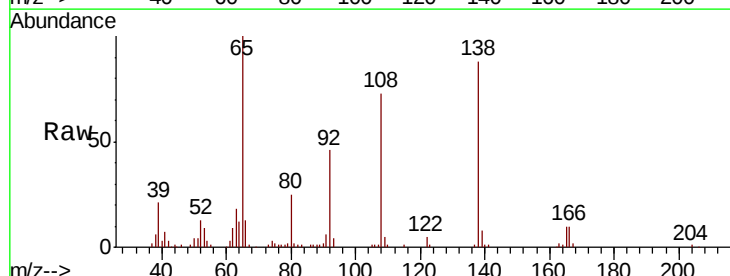


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

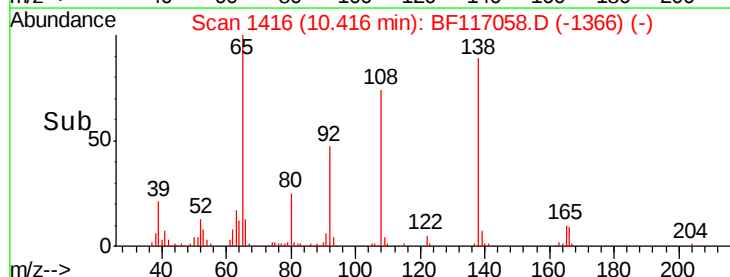
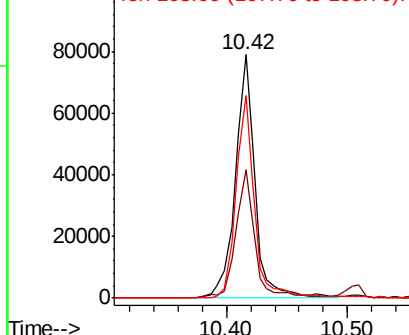


#62
4-Nitroaniline
Concen: 37.976 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:138 Resp: 90197
Ion Ratio Lower Upper
138 100
92 52.8 32.9 72.9
108 83.4 58.3 98.3



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

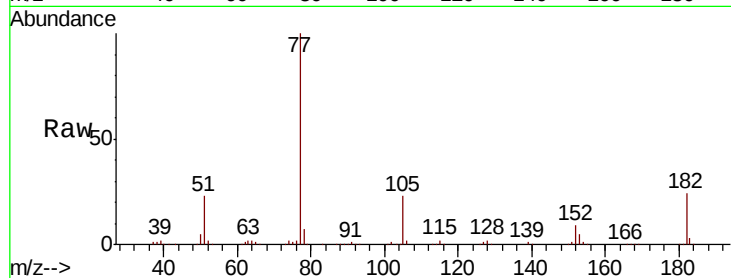




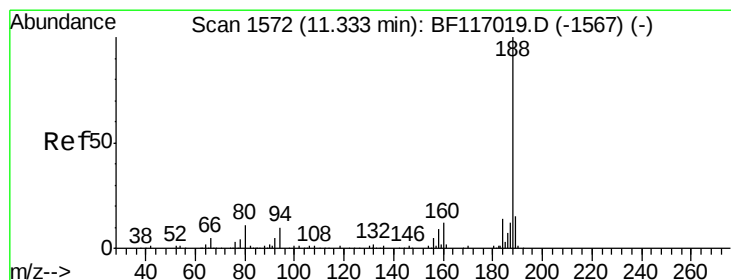
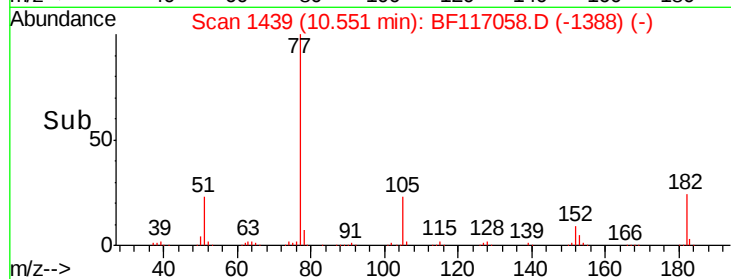
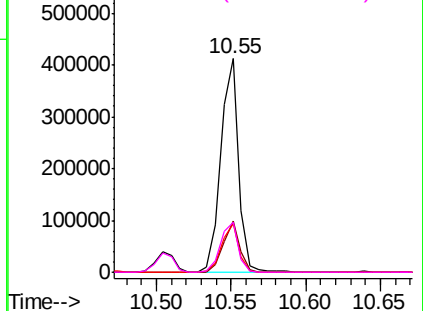
#63
Azobenzene
Concen: 38.574 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	344489
Ion	Ratio	Lower	Upper
77	100		
182	24.0	0.4	40.4
105	22.9	0.9	40.9
51	23.1	2.8	42.8

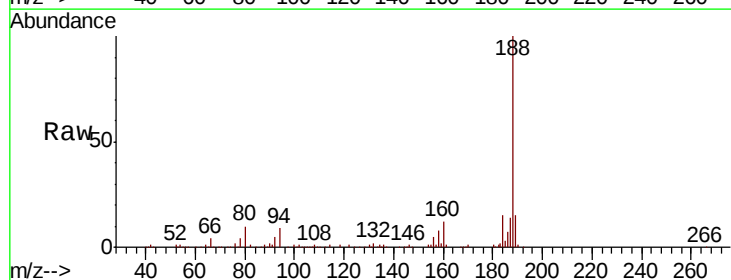


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

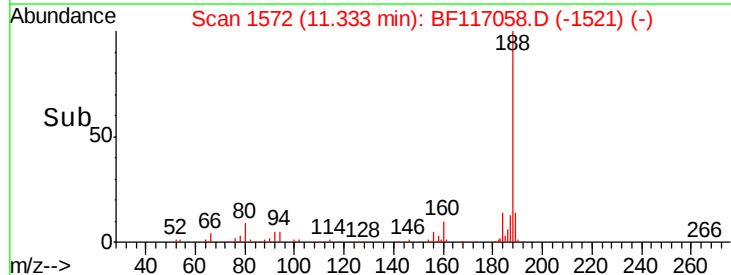
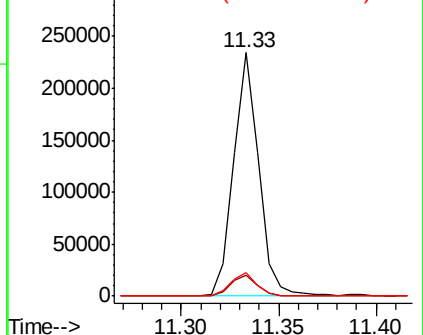


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:	188	Resp:	209761
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.9	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.815 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Instrument :

BNA_F

ClientSampleId :

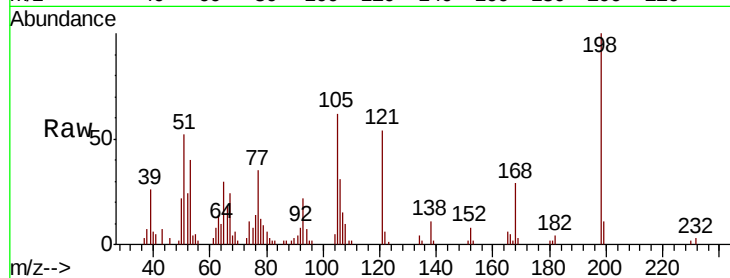
Tot Ion:198 Resp: 23344

Ion Ratio Lower Upper

198 100

51 52.2 18.7 58.7

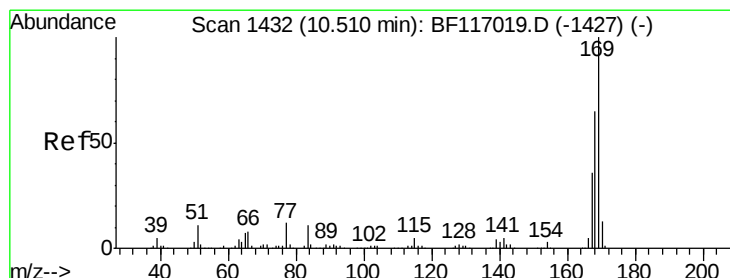
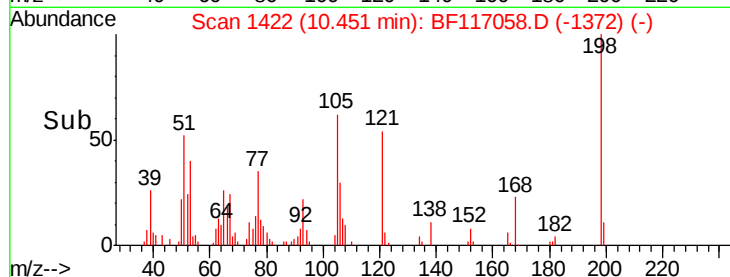
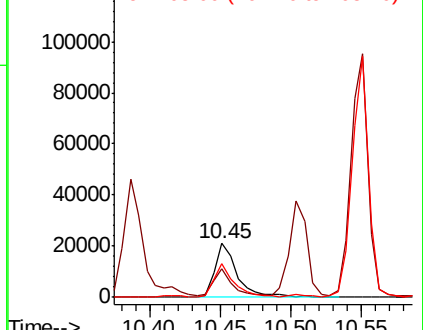
105 61.7 30.2 70.2



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: 38.928 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

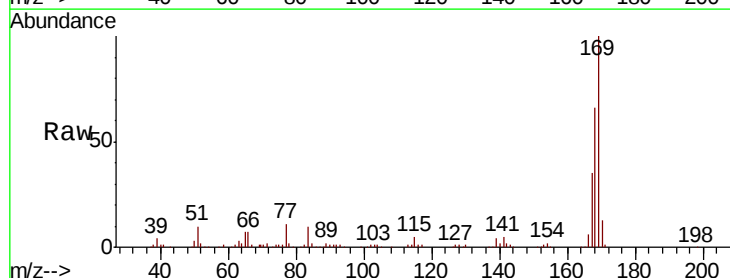
Tgt Ion:169 Resp: 282002

Ion Ratio Lower Upper

169 100

168 66.2 52.2 78.2

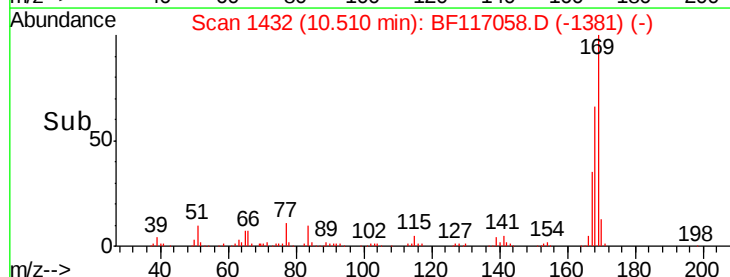
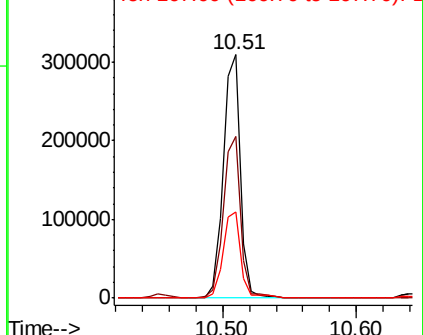
167 35.1 28.8 43.2



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

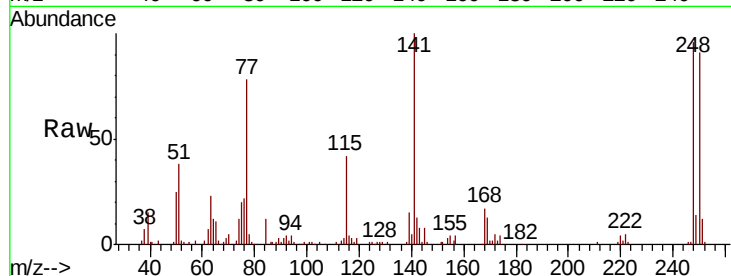




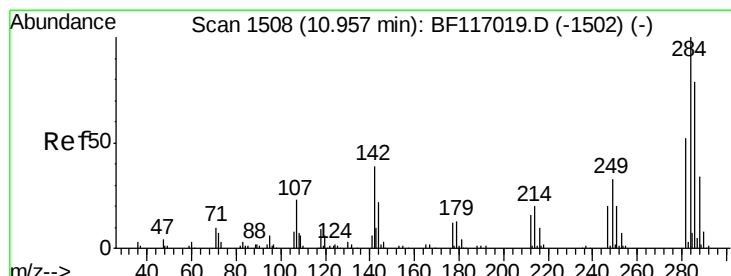
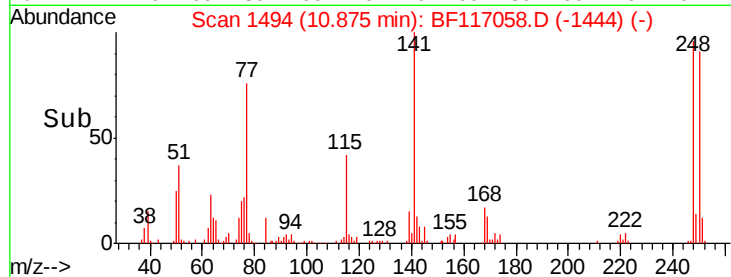
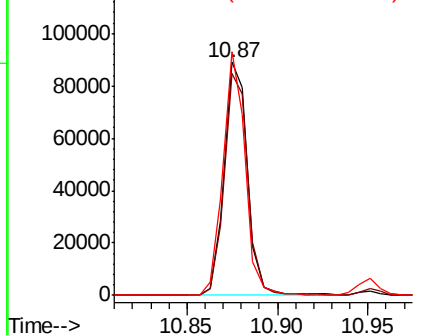
#67
 4-Bromophenyl-phenylether
 Concen: 37.056 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 79379
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.2 114.4
 141 104.4 75.0 112.4

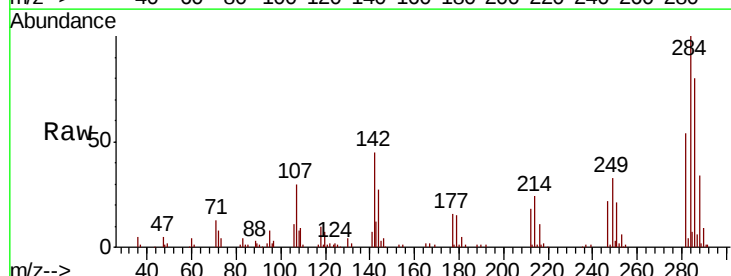


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

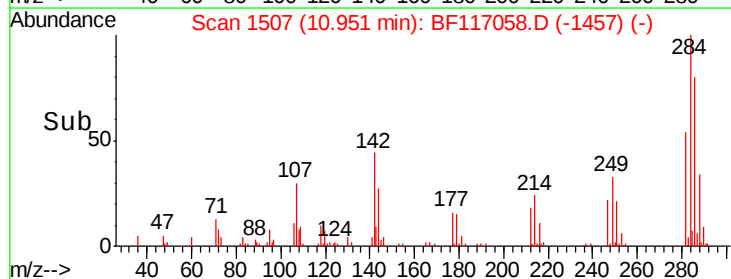
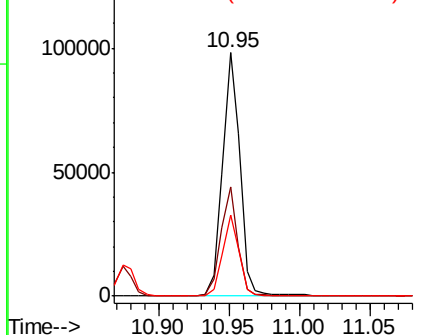


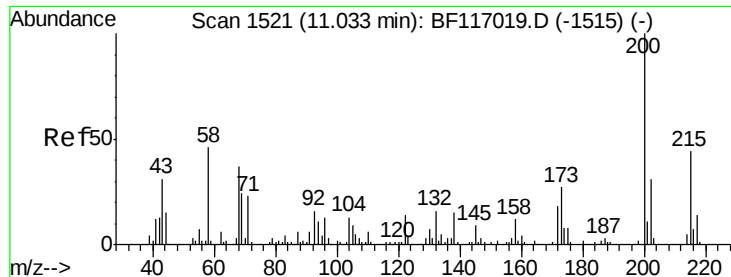
#68
 Hexachlorobenzene
 Concen: 35.881 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion:284 Resp: 84070
 Ion Ratio Lower Upper
 284 100
 142 44.7 31.4 47.2
 249 33.2 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

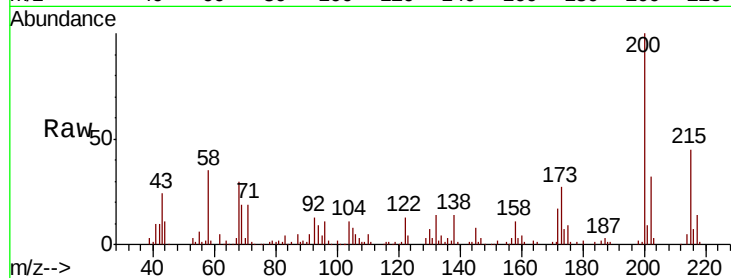




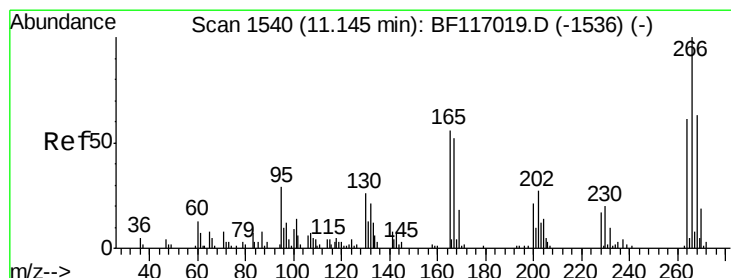
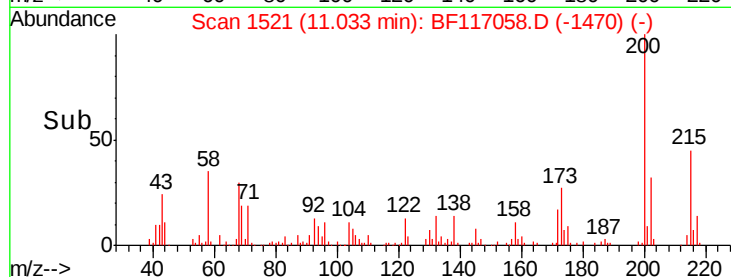
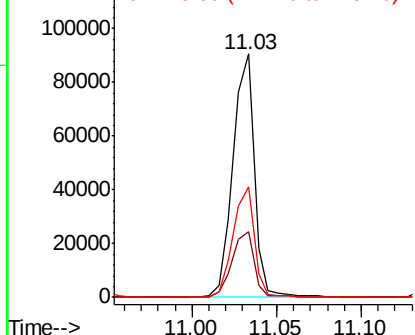
#69
 Atrazine
 Concen: 43.795 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	45.3	23.8	63.8

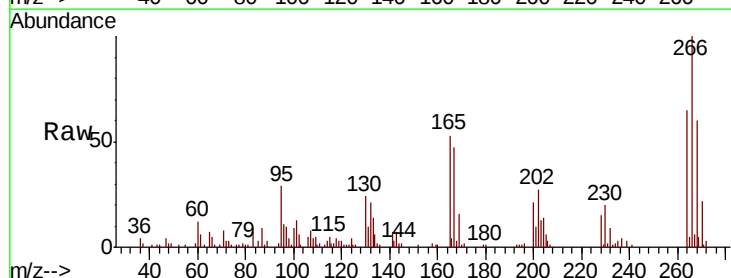


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

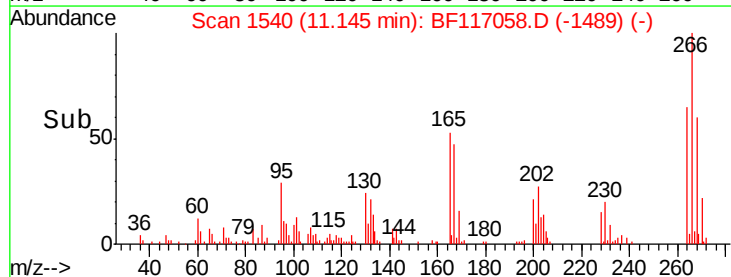
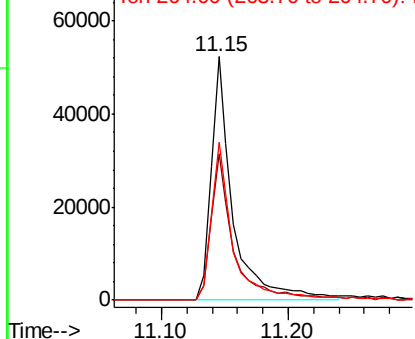


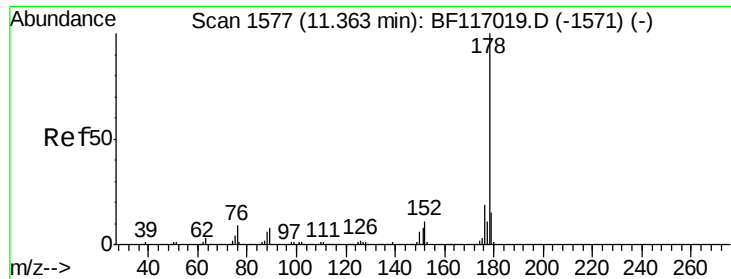
#70
 Pentachlorophenol
 Concen: 57.148 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.9	50.5	75.7
264	64.7	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

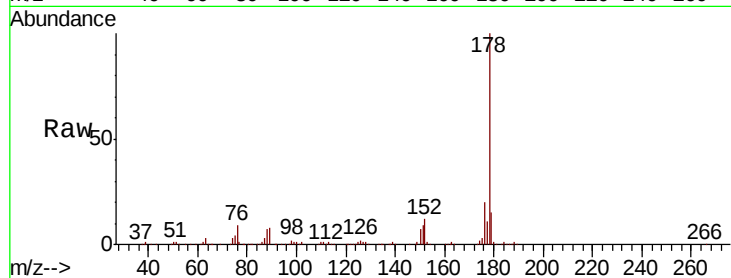




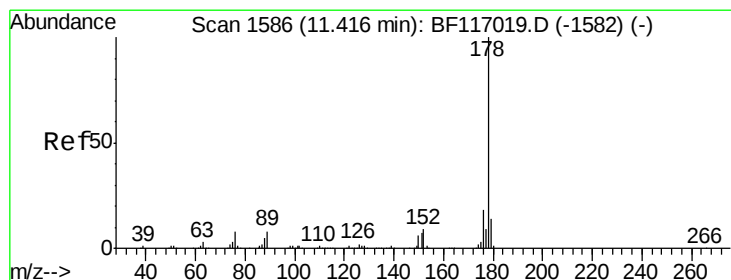
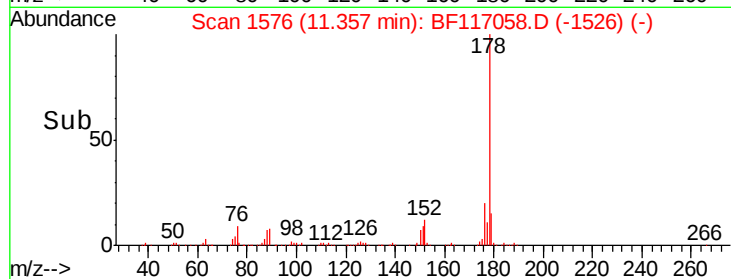
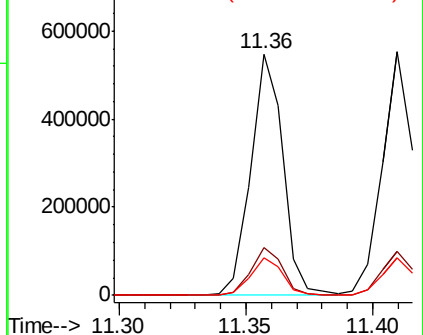
#71
Phenanthrene
Concen: 40.771 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 485758
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.4 18.6

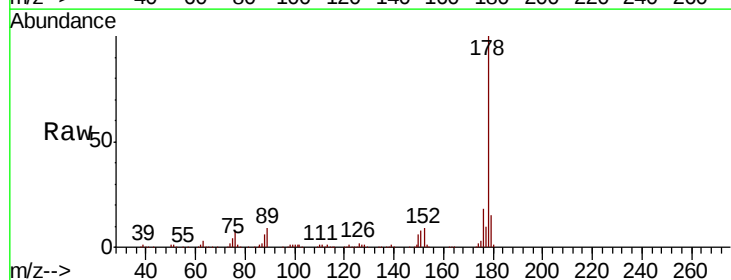


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

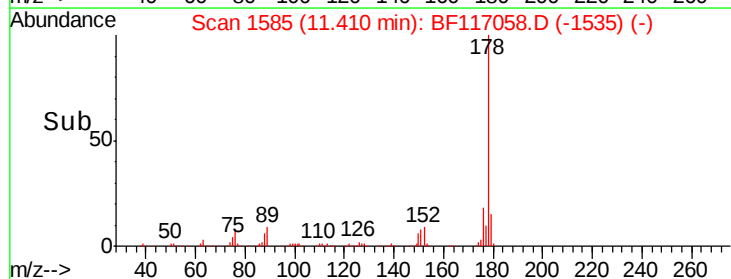
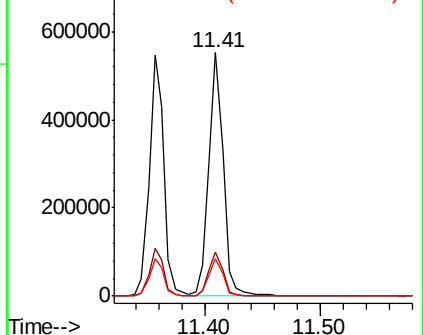


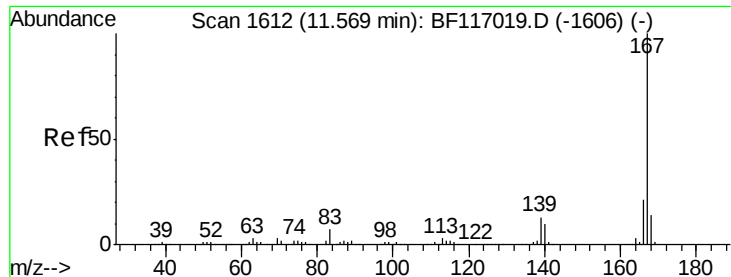
#72
Anthracene
Concen: 39.829 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:178 Resp: 484467
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.2 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

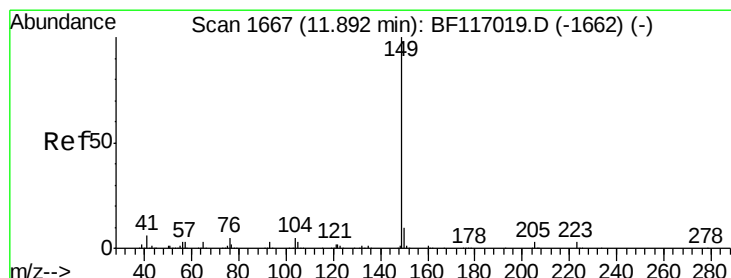
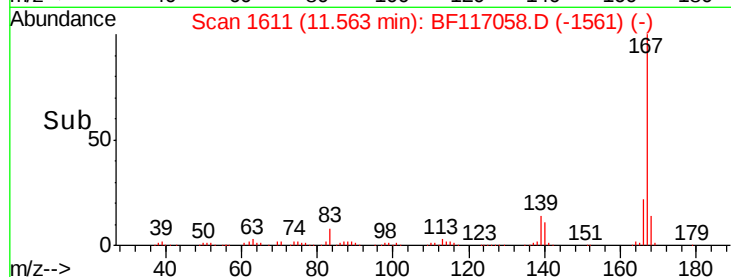
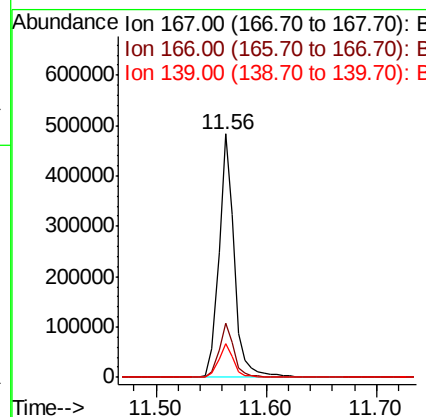
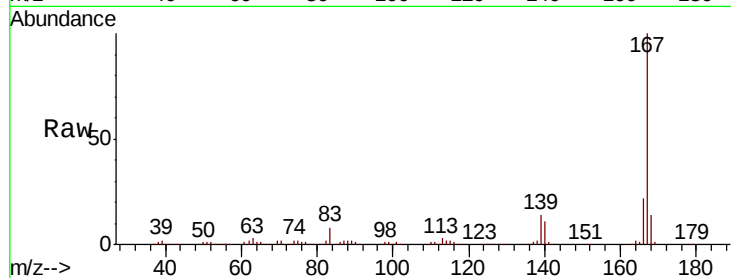




#73
 Carbazole
 Concen: 39.802 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

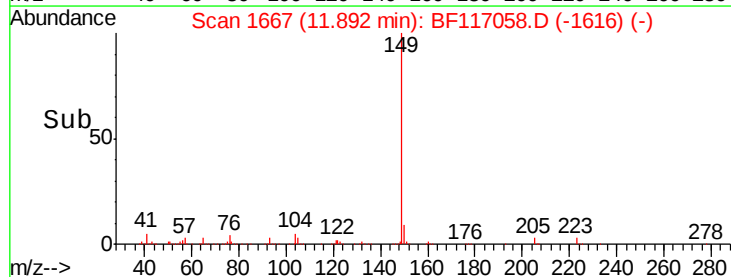
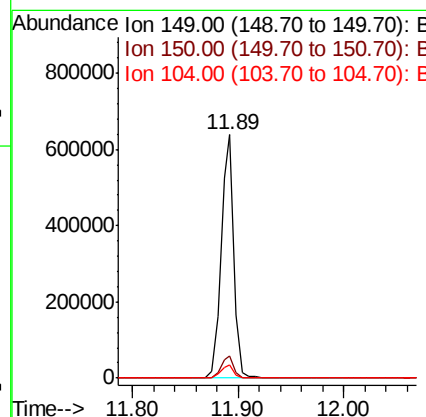
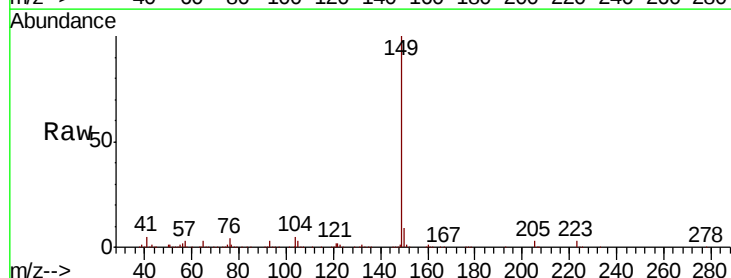
Instrument :
 BNA_F
 ClientSampleId :

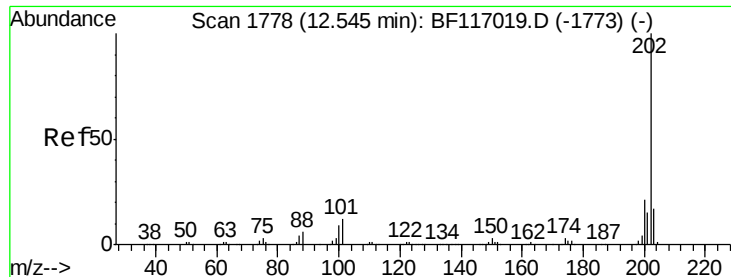
Tot Ion:167 Resp: 459541
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.738 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion:149 Resp: 545882
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 5.2 4.2 6.4

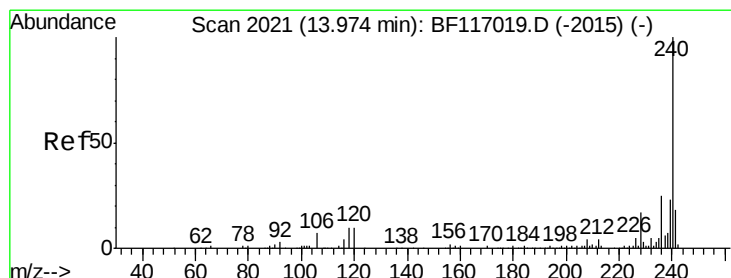
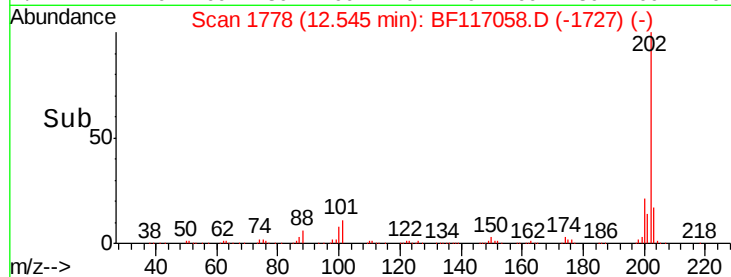
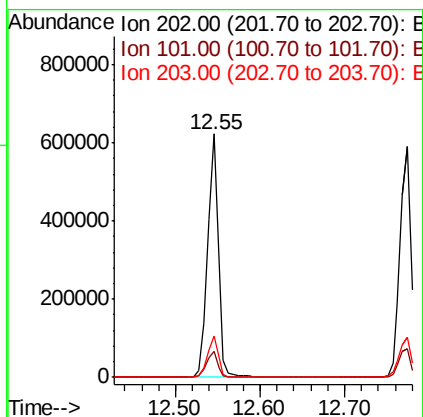
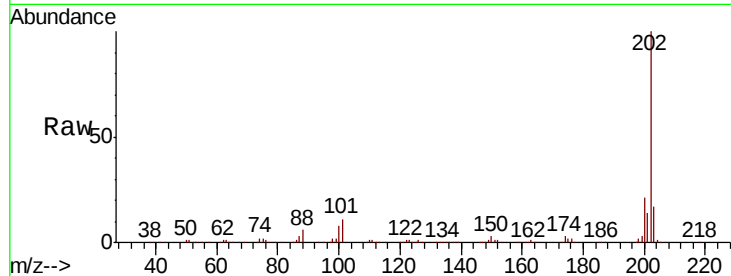




#75
 Fluoranthene
 Concen: 44.998 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

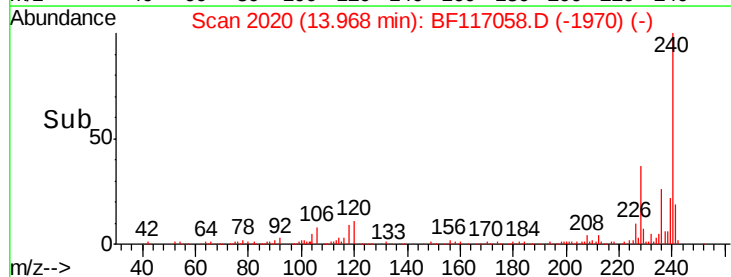
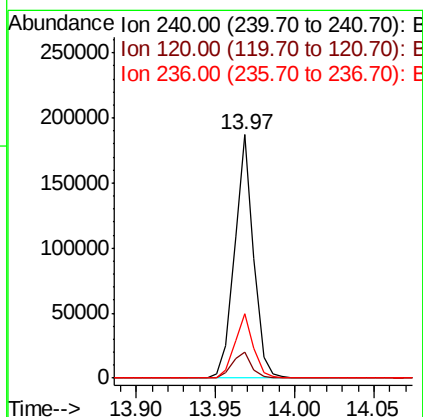
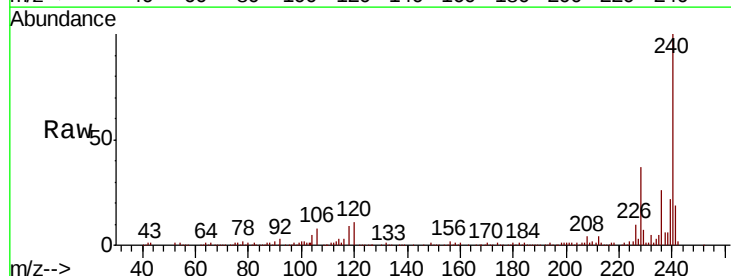
Instrument :
 BNA_F
 ClientSampleId :

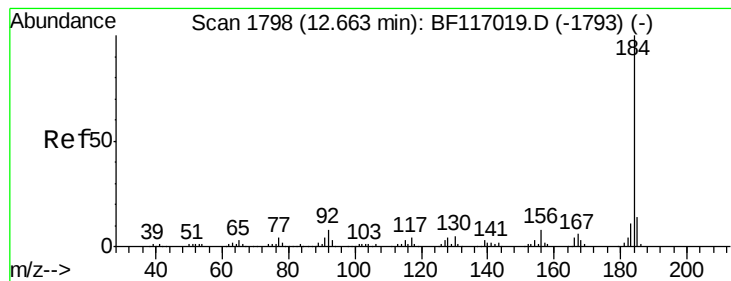
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	17.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.4	20.3	30.5





#77

Benzidine

Concen: 36.751 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

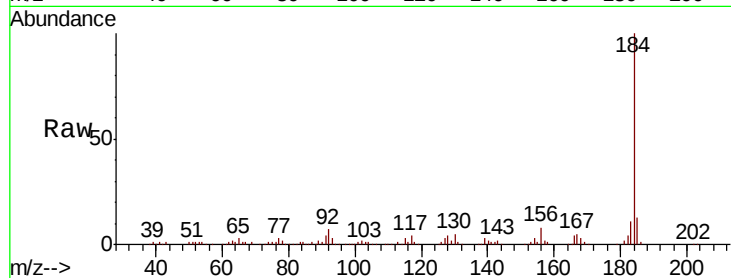
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 183677

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.6	17.4
183	10.9	9.0	13.4

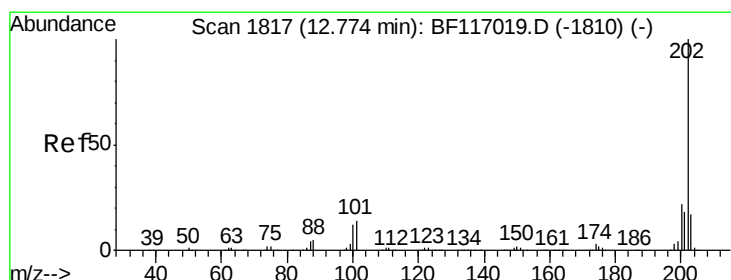
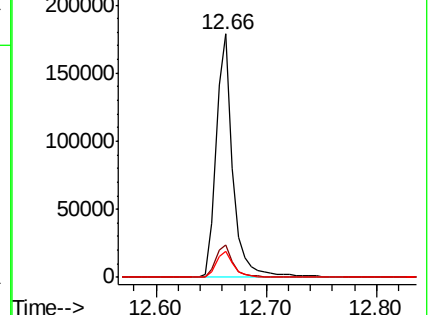
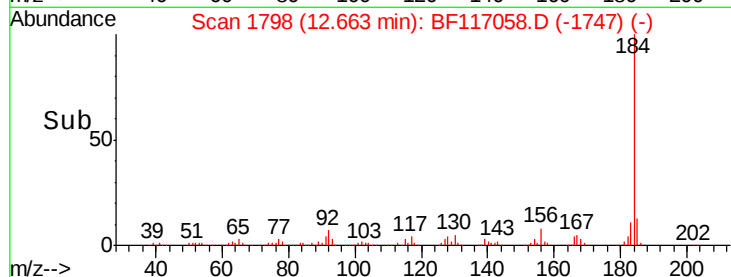


Abundance

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: 42.535 ng

RT: 12.77 min Scan# 1817

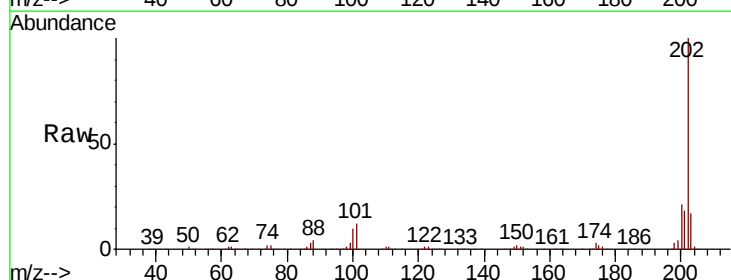
Delta R.T. 0.00 min

Lab File: BF117058.D

Acq: 16 Sep 2019 13:04

Tgt Ion:202 Resp: 553744

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.2	14.0	21.0

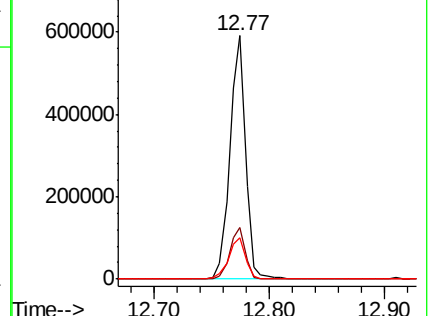
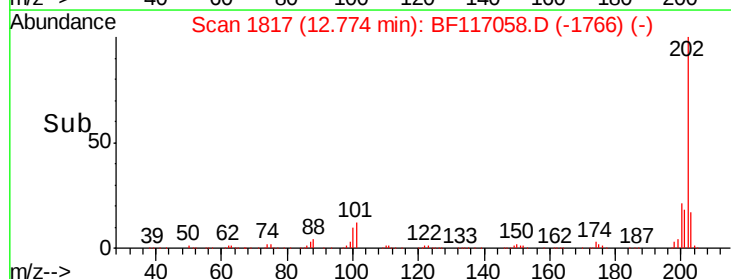


Abundance

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

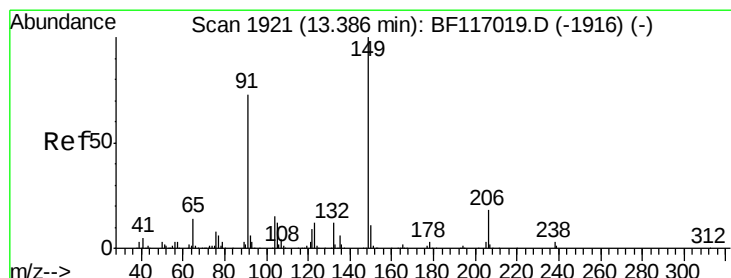
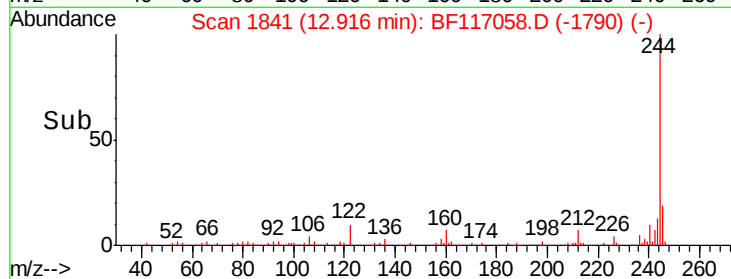
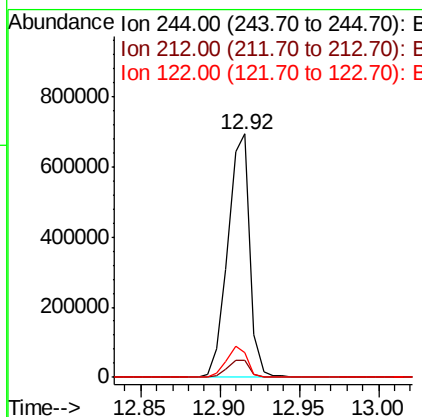
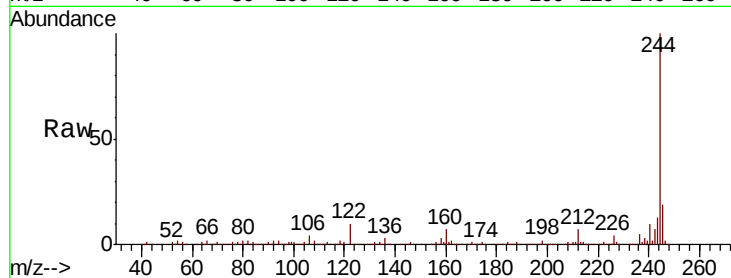




#79
 Terphenyl-d14
 Concen: 80.194 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

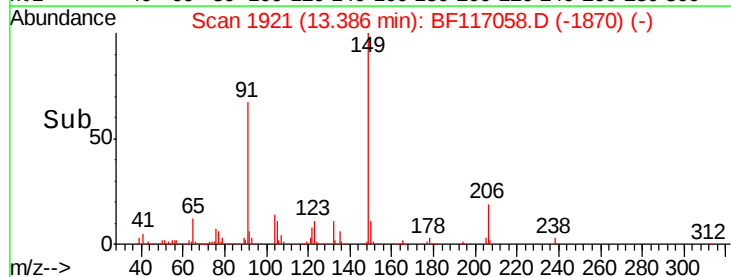
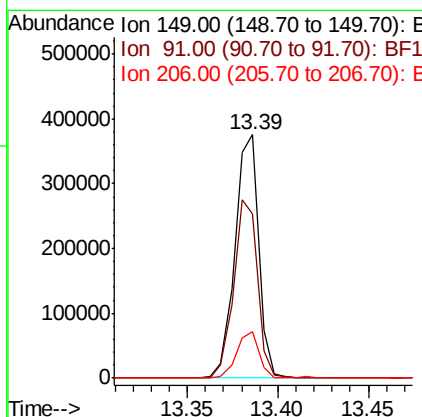
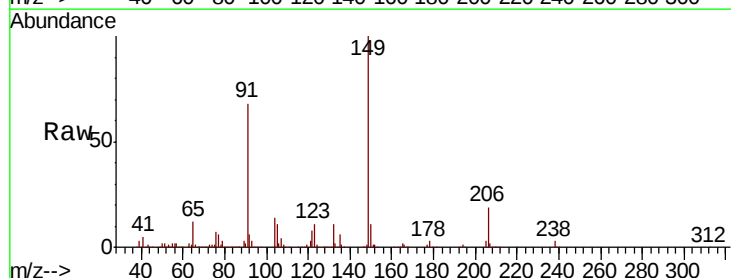
Instrument :
 BNA_F
 ClientSampleId :

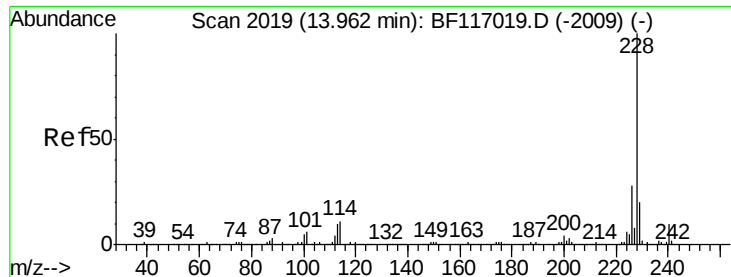
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.3	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 55.799 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117058.D
 Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	58.8	88.2
206	18.9	14.1	21.1

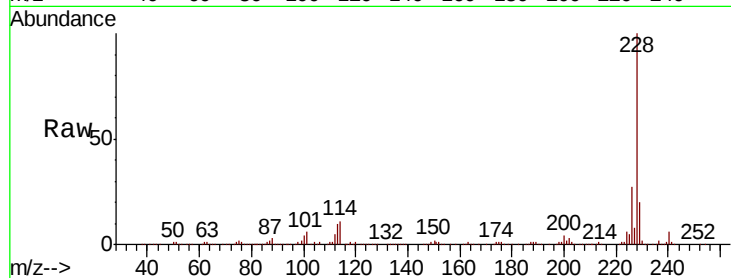




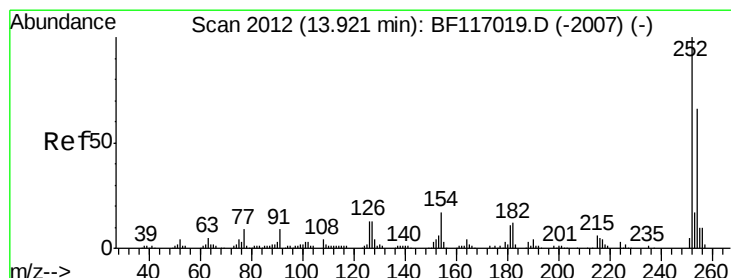
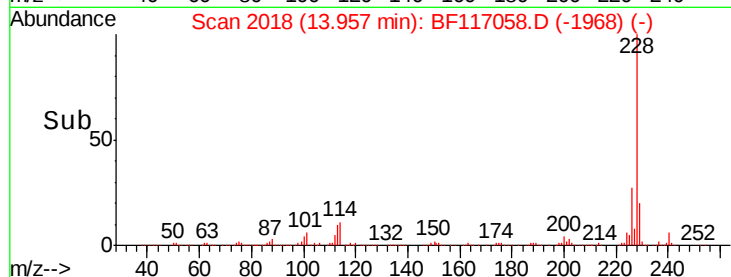
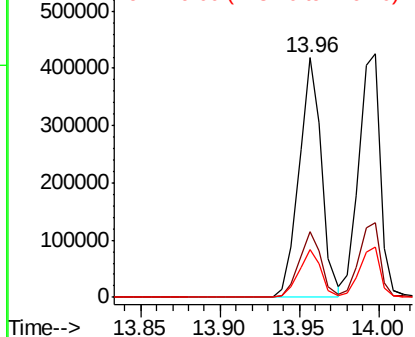
#81
Benzo(a)anthracene
Concen: 39.956 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 414188
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.9 15.9 23.9

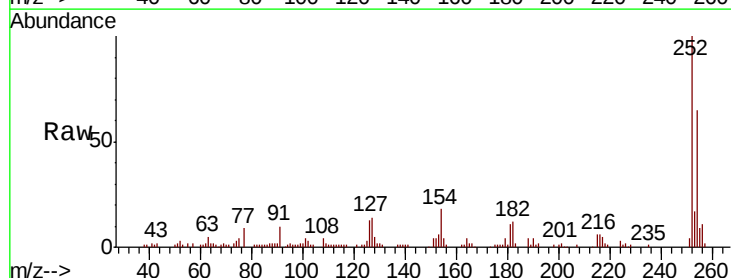


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

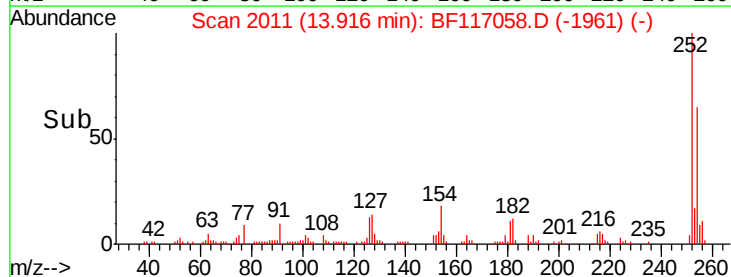
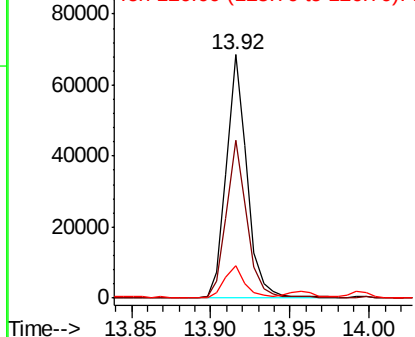


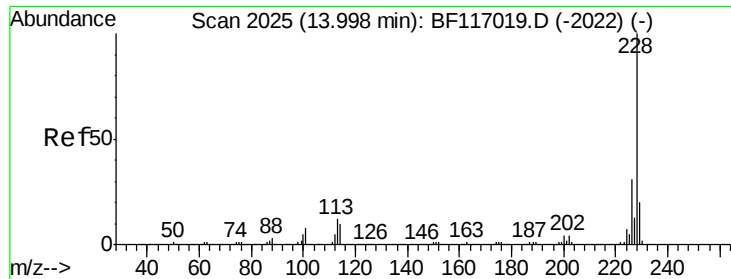
#82
3,3'-Dichlorobenzidine
Concen: 18.605 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:252 Resp: 62148
Ion Ratio Lower Upper
252 100
254 65.0 52.6 79.0
126 13.4 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

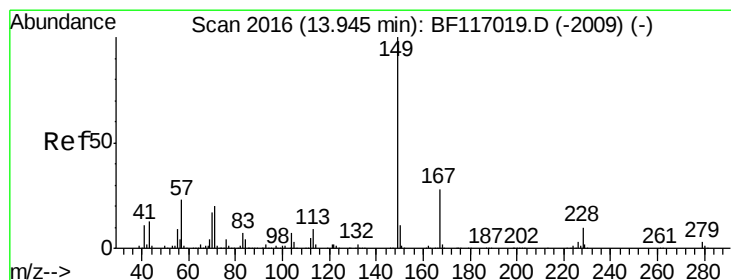
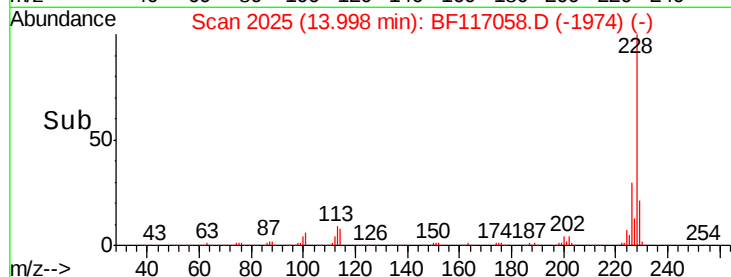
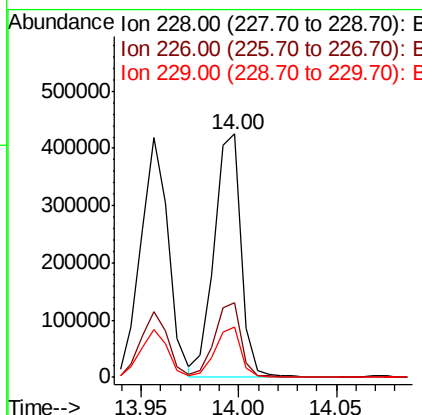
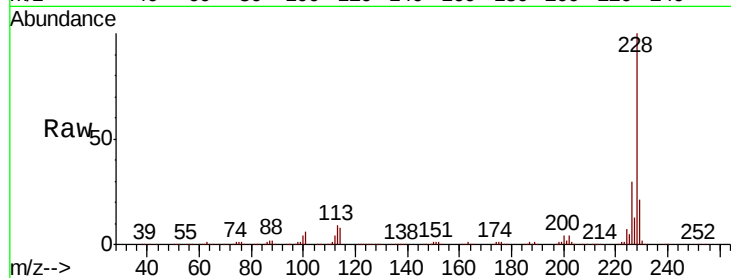




#83
Chrysene
Concen: 40.205 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

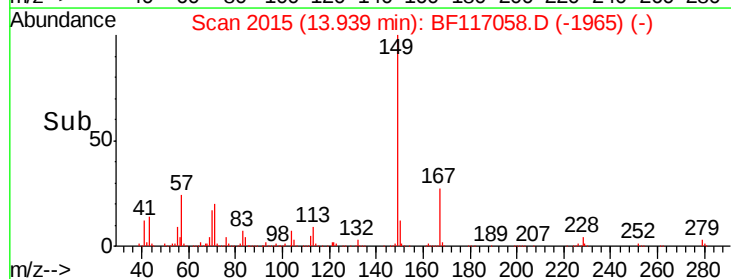
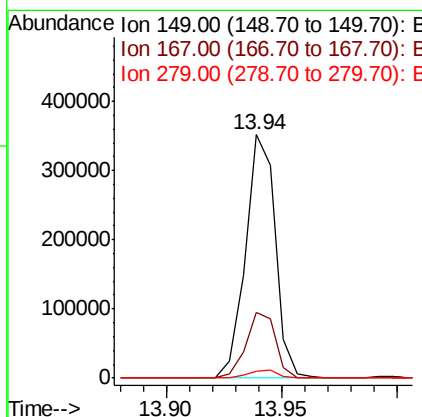
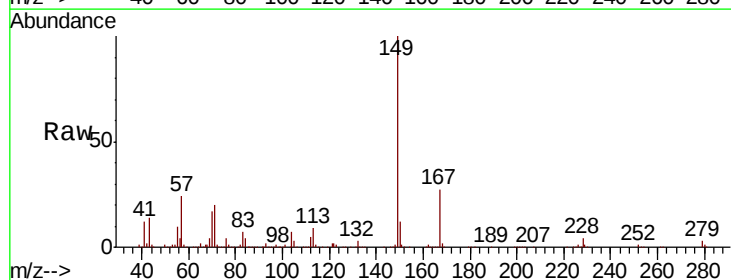
Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 406480
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 20.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.123 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:149 Resp: 318233
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.2
279 2.9 2.8 4.2

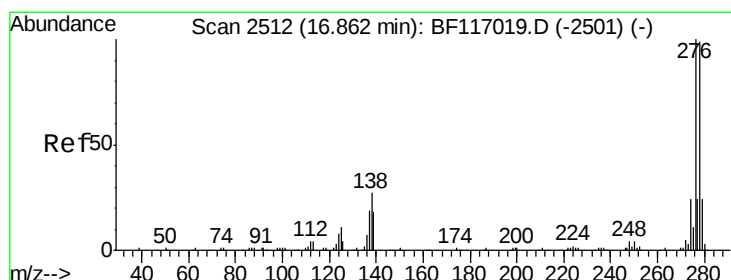
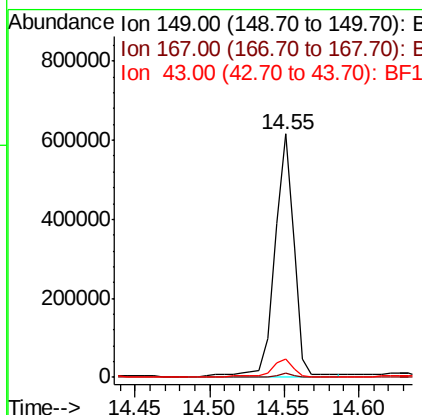
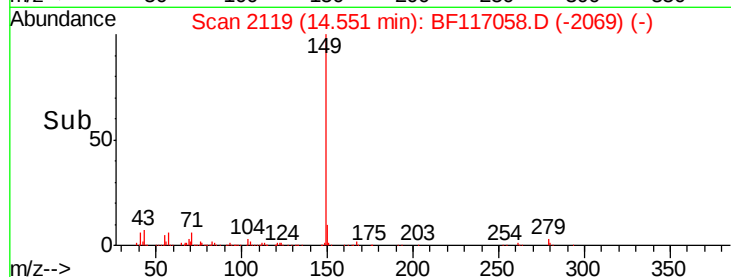
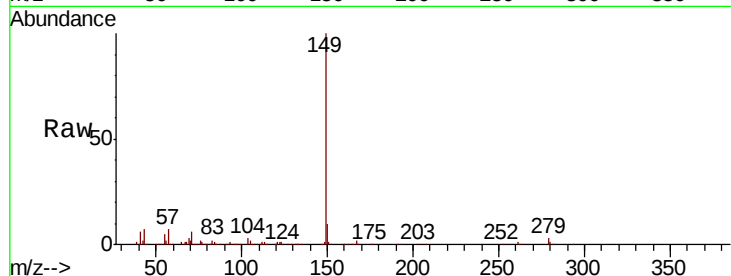




#85
Di-n-octyl phthalate
Concen: 43.252 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

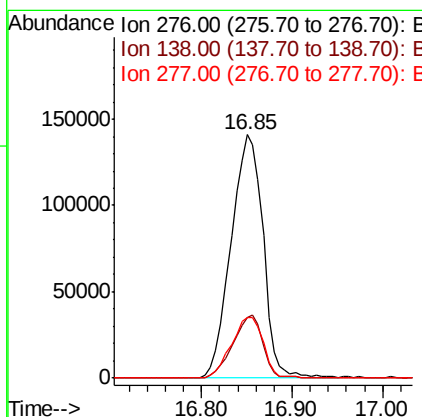
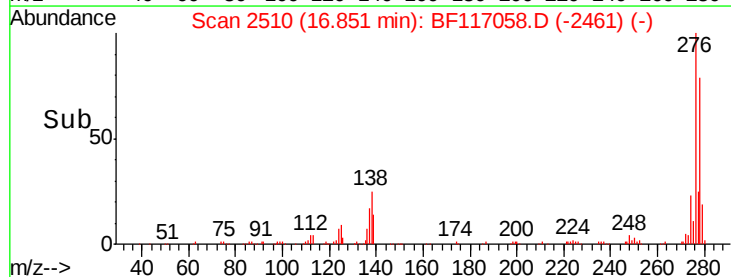
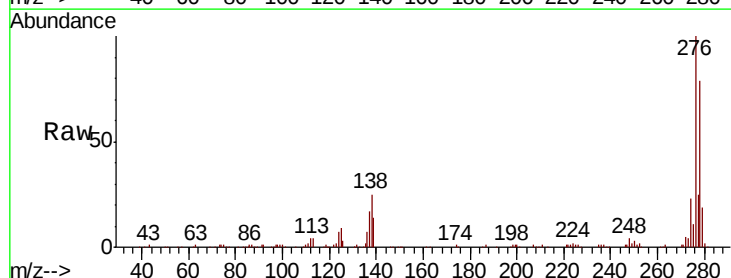
Instrument :
BNA_F
ClientSampleId :

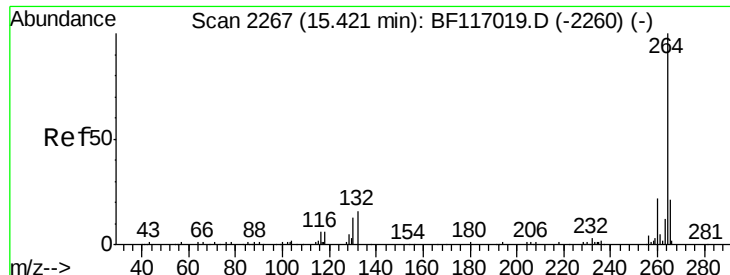
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.784 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.7	31.1
277	25.1	19.8	29.8

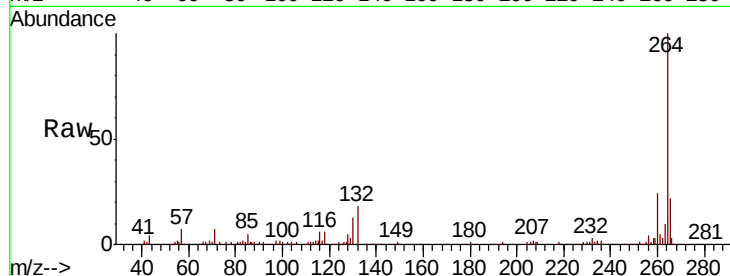




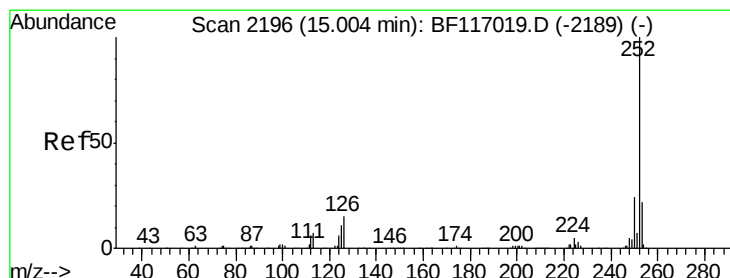
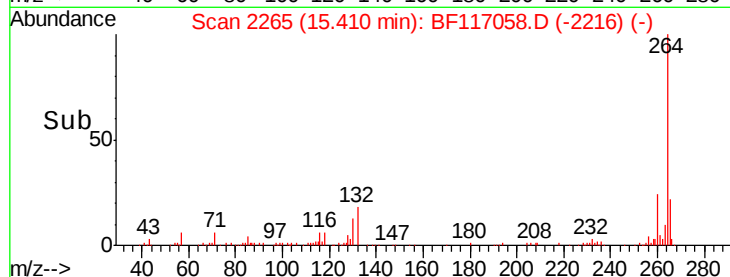
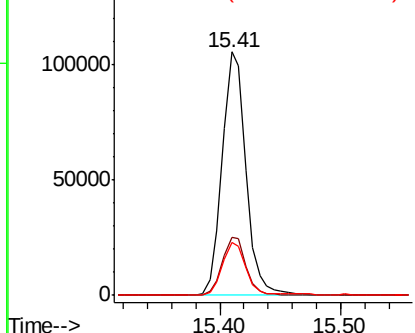
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 143644
Ion Ratio Lower Upper
264 100
260 23.7 17.6 26.4
265 21.9 16.6 24.8

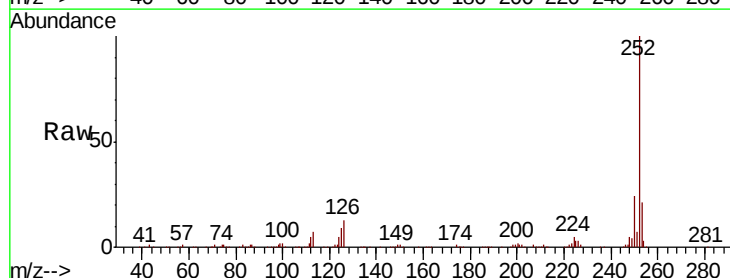


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

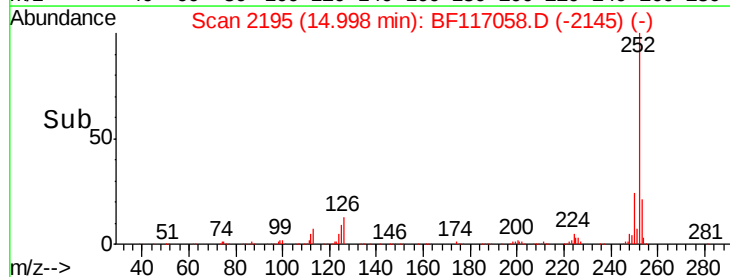
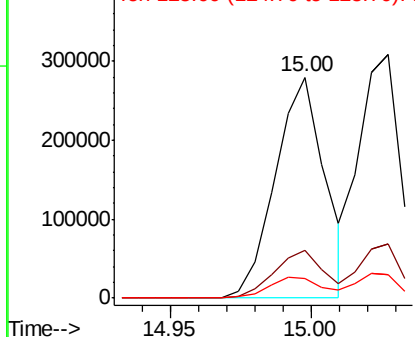


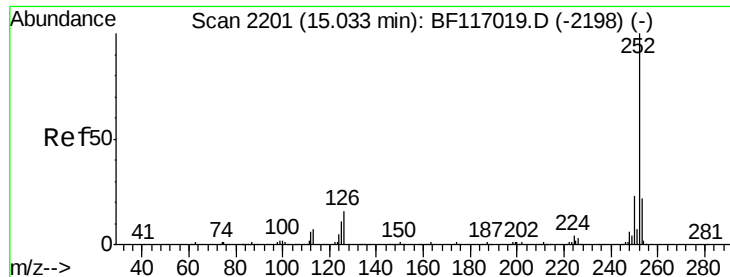
#88
Benzo(b)fluoranthene
Concen: 39.166 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:252 Resp: 340788
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

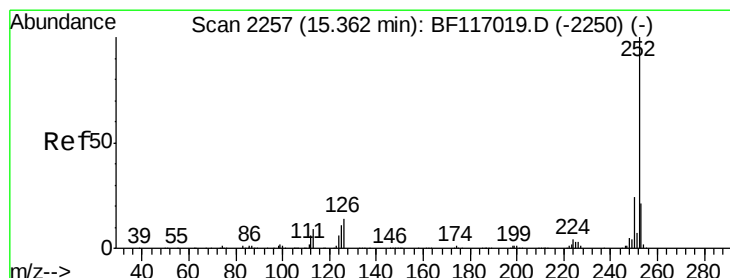
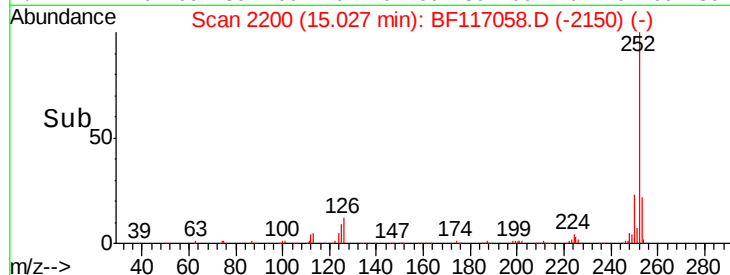
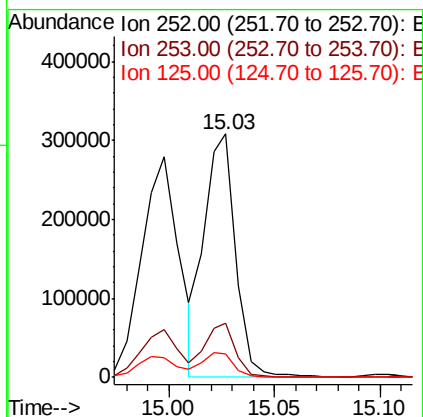
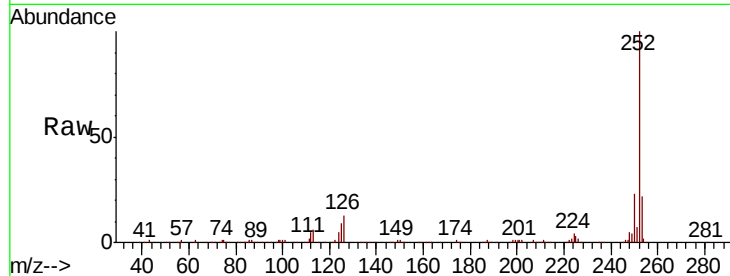




#89
Benzo(k)fluoranthene
Concen: 38.377 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

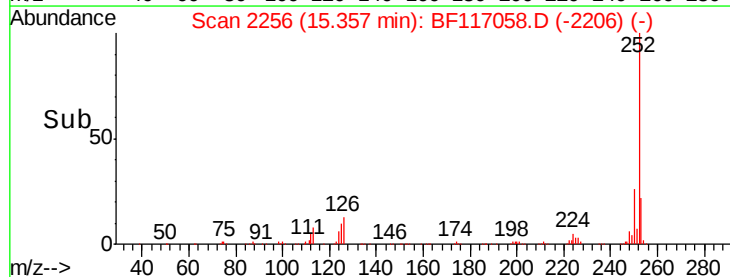
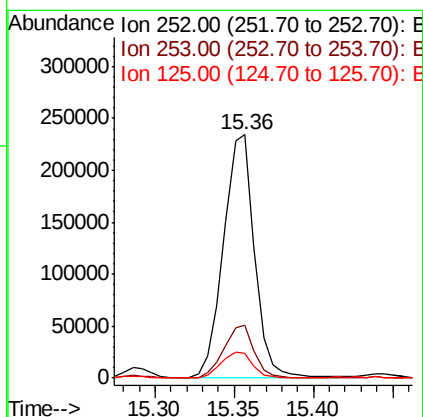
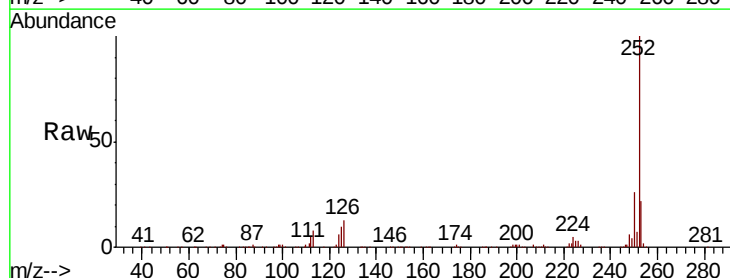
Instrument :
BNA_F
ClientSampleId :

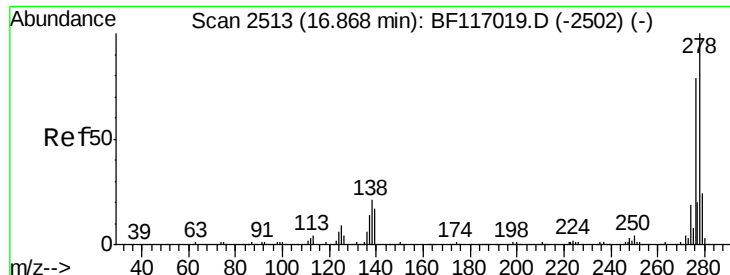
Tot Ion:252 Resp: 316314
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.395 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion:252 Resp: 316063
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 10.4 8.9 13.3

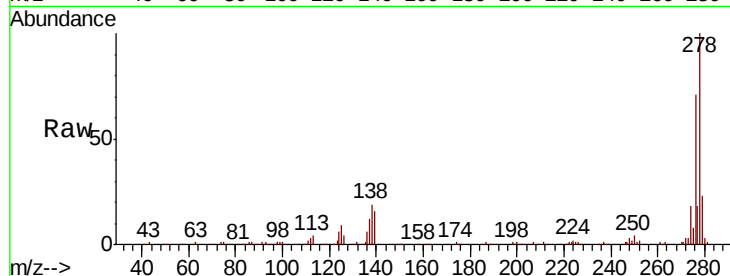




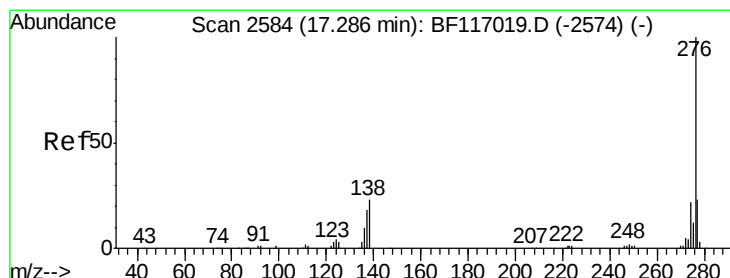
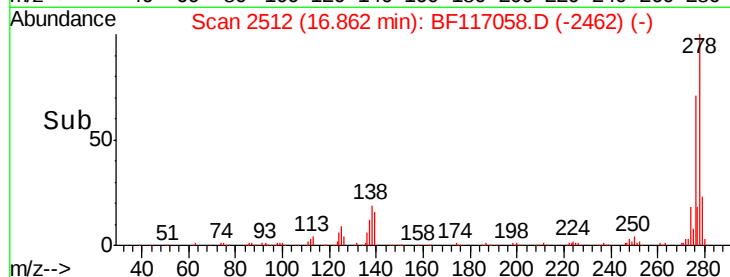
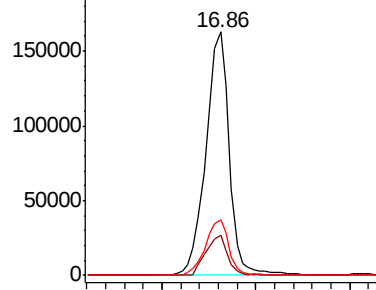
#91
Dibenzo(a,h)anthracene
Concen: 46.344 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.0	18.8	28.2

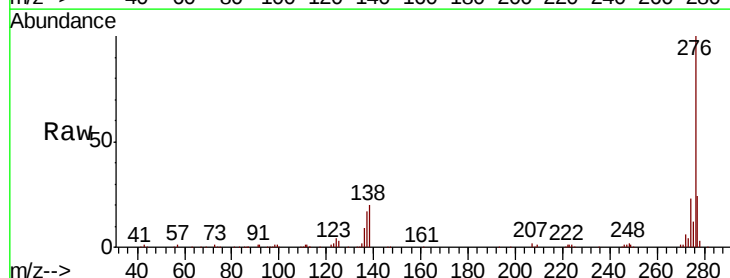


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.019 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117058.D
Acq: 16 Sep 2019 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	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

