

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115867.D
 Acq On : 31 Jul 2019 15:49
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 09:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 01 09:04:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133931	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	529340	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	275476	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	480570	20.00	ng	0.00
76) Chrysene-d12	14.02	240	369135	20.00	ng	0.00
87) Perylene-d12	15.49	264	341556	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	954257	119.28	ng	0.00
7) Phenol-d6	6.49	99	1189596	117.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	748920	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	312089	116.85	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1259036	85.61	ng	0.00
79) Terphenyl-d14	12.96	244	1345757	76.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	42121	10.422	ng	99
3) Pyridine	3.42	79	89863	7.959	ng	99
4) n-Nitrosodimethylamine	3.30	42	41191	9.245	ng	97
6) Aniline	6.52	93	145308	10.052	ng	99
8) 2-Chlorophenol	6.64	128	92888	10.500	ng	97
9) Benzaldehyde	6.40	77	79486	11.413	ng	99
10) Phenol	6.49	94	125180	10.531	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	87730	10.039	ng	96
12) 1,3-Dichlorobenzene	6.79	146	104606	10.231	ng	95
13) 1,4-Dichlorobenzene	6.87	146	104726	10.230	ng	98
14) 1,2-Dichlorobenzene	7.02	146	97976	10.394	ng	98
15) Benzyl Alcohol	6.99	79	81790	10.677	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	116302	9.757	ng	99
17) 2-Methylphenol	7.10	107	75053	10.019	ng	98
18) Hexachloroethane	7.36	117	35856	9.513	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	65207	10.425	ng	98
20) 3+4-Methylphenols	7.26	107	95706	10.796	ng	# 56
22) Acetophenone	7.26	105	132324	11.398	ng	98
24) Nitrobenzene	7.43	77	107664	10.873	ng	99
25) Isophorone	7.67	82	176678	10.076	ng	99
26) 2-Nitrophenol	7.75	139	43576	9.336	ng	98
27) 2,4-Dimethylphenol	7.78	122	77602	11.051	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	107281	9.871	ng	98
29) 2,4-Dichlorophenol	7.99	162	75110	10.130	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	84092	9.950	ng	98
31) Naphthalene	8.15	128	275117	11.045	ng	98
32) Benzoic acid	7.87	122	10013	2.022	ng	98
33) 4-Chloroaniline	8.20	127	112239	10.085	ng	98
34) Hexachlorobutadiene	8.27	225	47117	9.678	ng	98
35) Caprolactam	8.55	113	22621	9.433	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	78020	10.115	ng	98
37) 2-Methylnaphthalene	8.85	142	181003	11.033	ng	97
38) 1-Methylnaphthalene	8.95	142	169033	10.891	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	78656	10.680	ng	99

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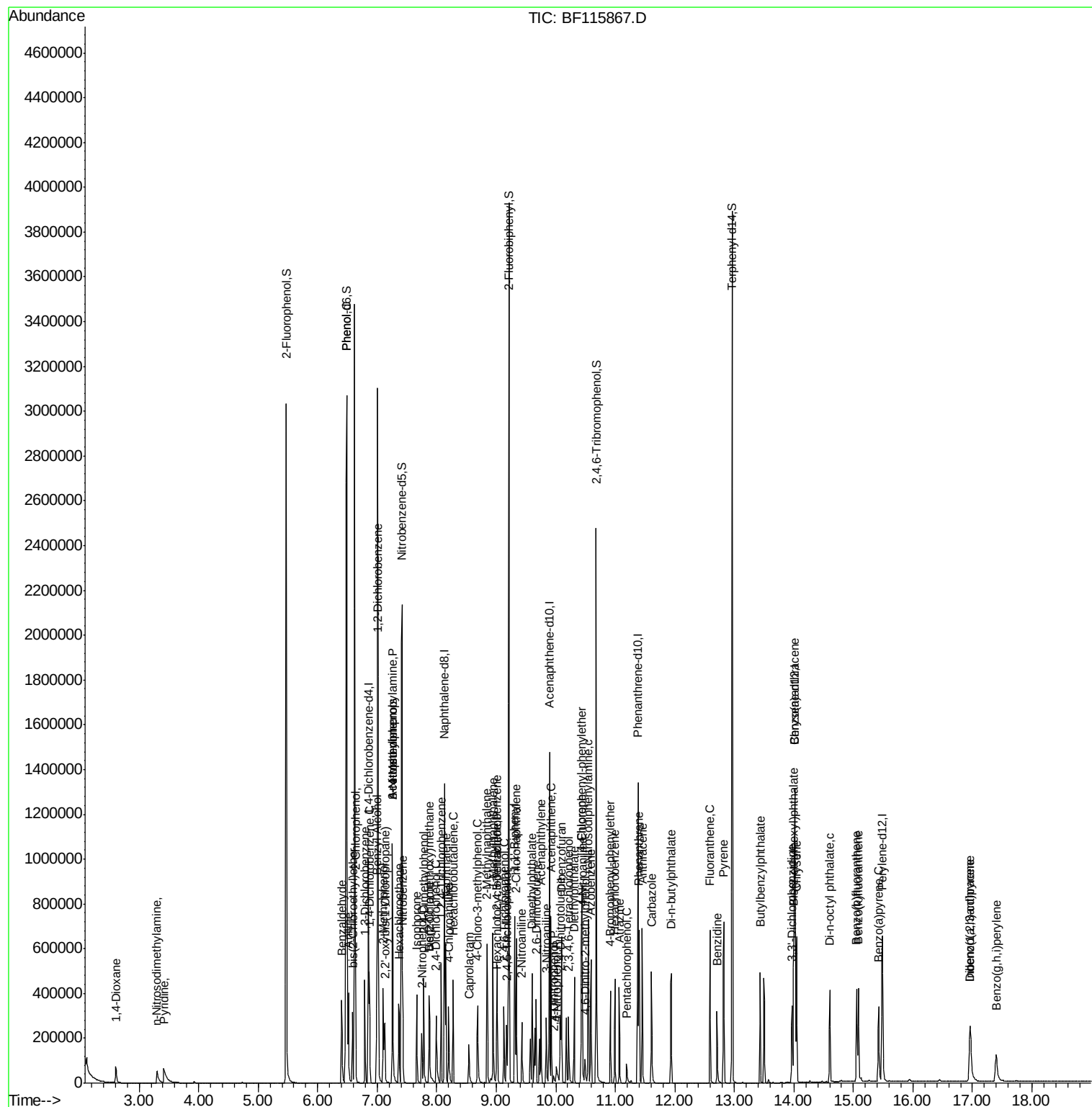
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	15843	5.504	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	46482	9.170	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	51252	9.781	ng	96
46) 1,1'-Biphenyl	9.31	154	221788	11.404	ng	98
47) 2-Chloronaphthalene	9.34	162	168526	10.411	ng	100
48) 2-Nitroaniline	9.43	65	49222	9.200	ng	# 81
49) Acenaphthylene	9.75	152	266306	11.277	ng	98
50) Dimethylphthalate	9.60	163	183935	9.806	ng	99
51) 2,6-Dinitrotoluene	9.67	165	39828	9.771	ng	88
52) Acenaphthene	9.92	154	156678	10.815	ng	98
53) 3-Nitroaniline	9.84	138	45010	8.937	ng	93
54) 2,4-Dinitrophenol	9.96	184	7654	4.422	ng	90
55) Dibenzofuran	10.10	168	236169	11.209	ng	100
56) 4-Nitrophenol	10.01	139	22216	6.886	ng	91
57) 2,4-Dinitrotoluene	10.07	165	50593	9.322	ng	# 86
58) Fluorene	10.44	166	183017	11.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	40582	9.205	ng	97
60) Diethylphthalate	10.31	149	174307	9.954	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	86085	10.486	ng	95
62) 4-Nitroaniline	10.45	138	47129	9.054	ng	97
63) Azobenzene	10.59	77	191155	10.613	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	16899	6.636	ng	96
66) n-Nitrosodiphenylamine	10.55	169	153861	10.637	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	51518	10.014	ng	93
68) Hexachlorobenzene	10.99	284	56704	9.532	ng	98
69) Atrazine	11.07	200	44928	9.441	ng	98
70) Pentachlorophenol	11.19	266	17938	6.211	ng	# 87
71) Phenanthrene	11.40	178	269201	10.957	ng	98
72) Anthracene	11.45	178	274859	11.055	ng	99
73) Carbazole	11.61	167	243743	10.805	ng	96
74) Di-n-butylphthalate	11.94	149	247670	9.412	ng	99
75) Fluoranthene	12.59	202	272693	10.602	ng	98
77) Benzidine	12.71	184	125874	10.093	ng	100
78) Pyrene	12.82	202	283459	10.187	ng	98
80) Butylbenzylphthalate	13.43	149	94789	8.053	ng	96
81) Benzo(a)anthracene	14.01	228	232146	9.839	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	79966	9.756	ng	98
83) Chrysene	14.04	228	233961	10.214	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	126406	8.264	ng	98
85) Di-n-octyl phthalate	14.60	149	188907	7.776	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	167484	8.706	ng	99
88) Benzo(b)fluoranthene	15.06	252	185467	9.391	ng	98
89) Benzo(k)fluoranthene	15.09	252	205976	10.708	ng	97
90) Benzo(a)pyrene	15.42	252	179799	10.184	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	138741	9.079	ng	98
92) Benzo(g,h,i)perylene	17.40	276	134628	8.970	ng	97

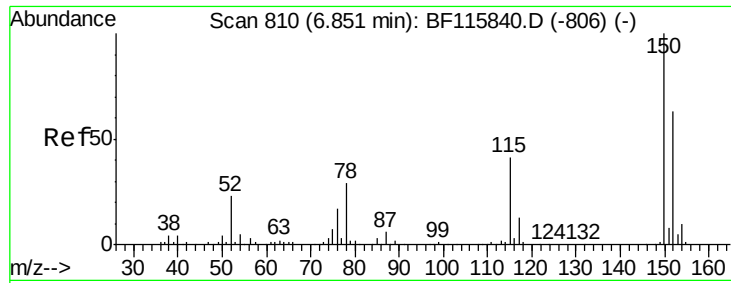
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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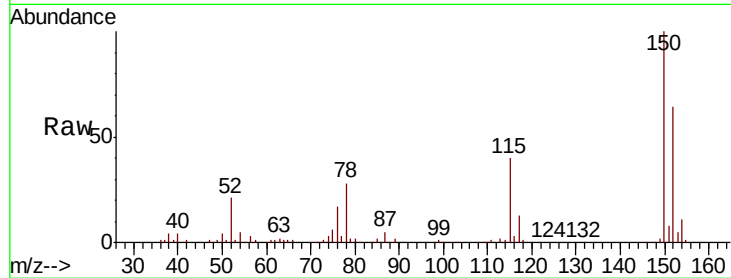


#1

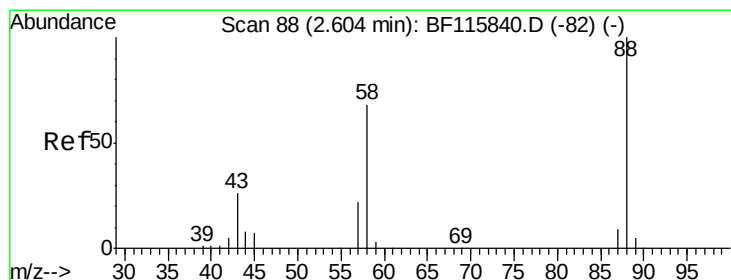
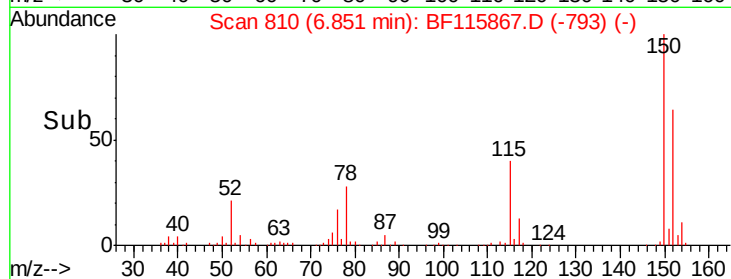
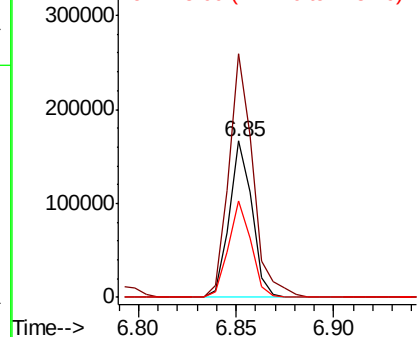
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133931
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 61.7 51.8 77.8



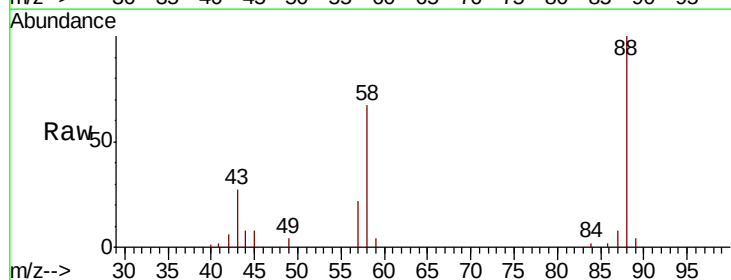
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



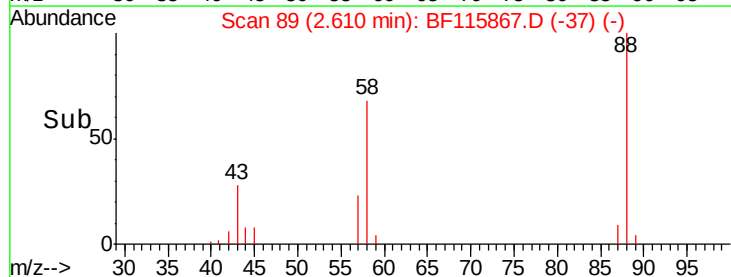
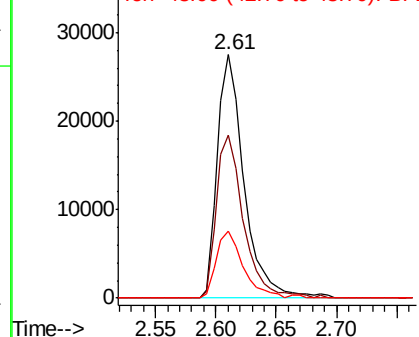
#2

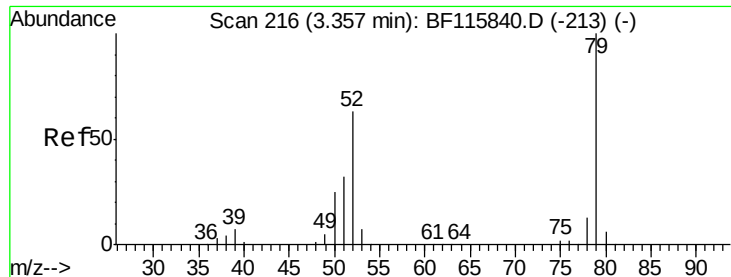
1,4-Dioxane
Concen: 10.422 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion: 88 Resp: 42121
Ion Ratio Lower Upper
88 100
58 67.5 54.1 81.1
43 27.4 20.7 31.1



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: 7.959 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

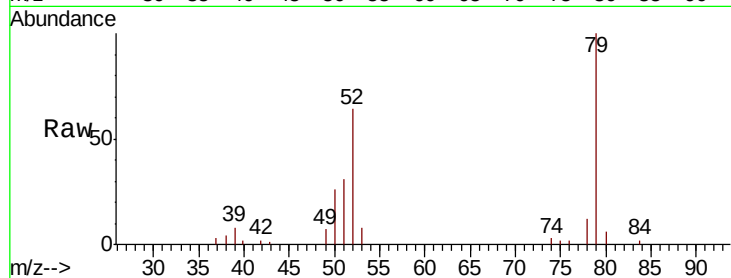
Tot Ion: 79 Resp: 89863

Ion Ratio Lower Upper

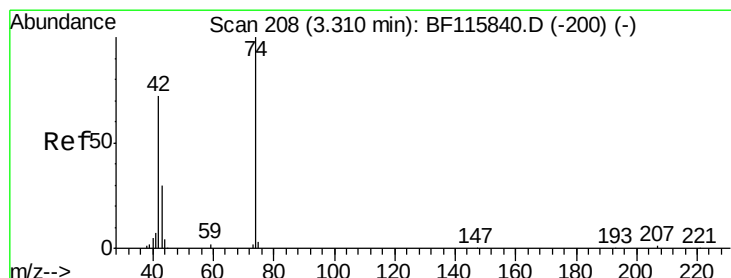
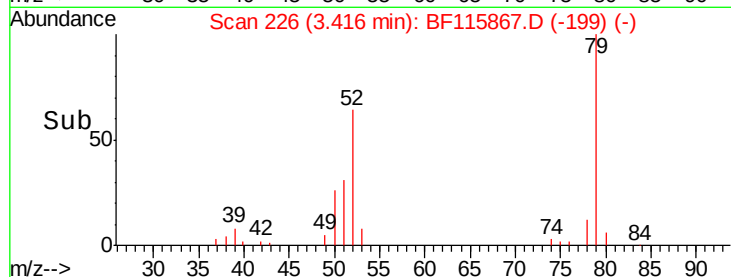
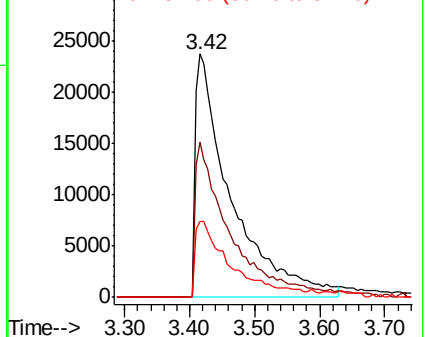
79 100

52 63.9 50.2 75.4

51 31.4 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 9.245 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

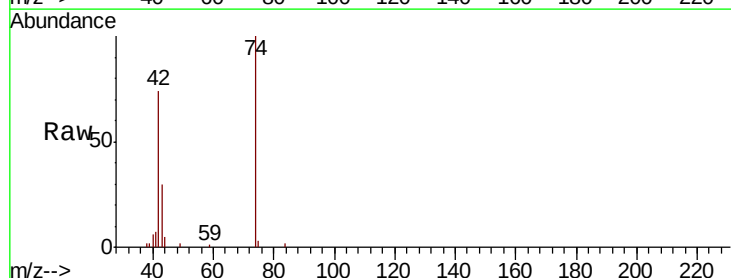
Tgt Ion: 42 Resp: 41191

Ion Ratio Lower Upper

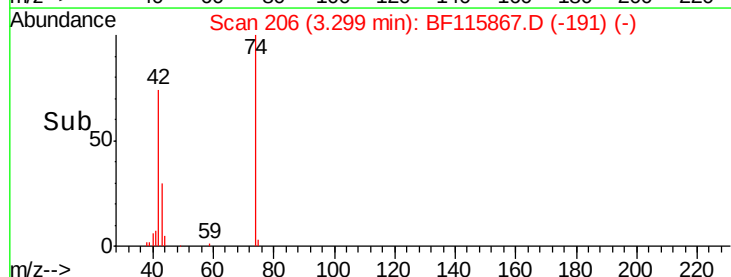
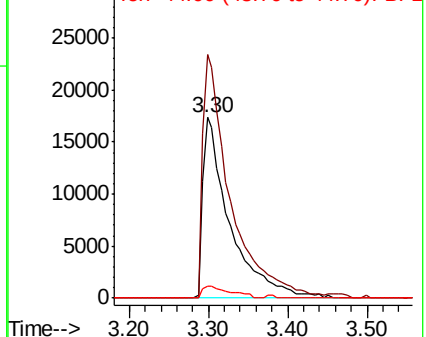
42 100

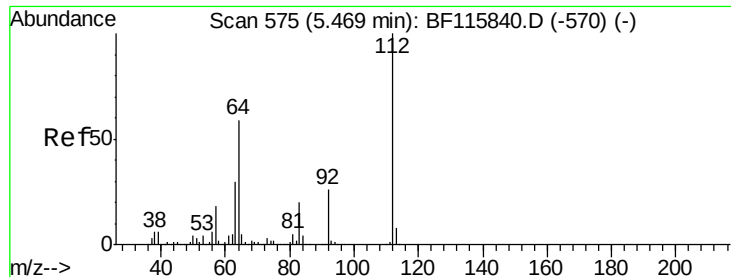
74 134.8 111.0 166.4

44 6.4 4.7 7.1



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





#5

2-Fluorophenol

Concen: 119.277 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

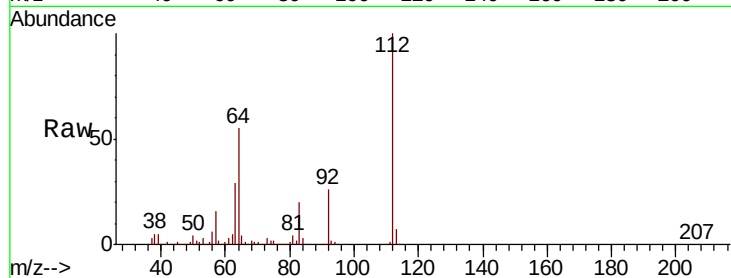
Tot Ion:112 Resp: 954257

Ion Ratio Lower Upper

112 100

64 55.2 46.8 70.2

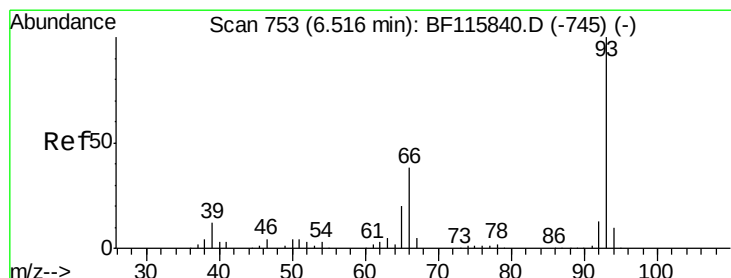
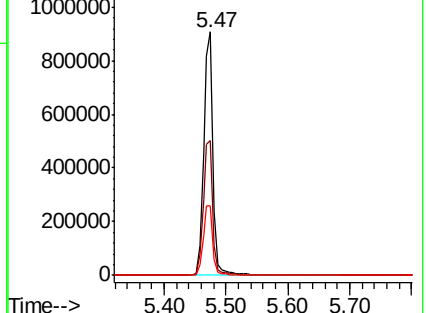
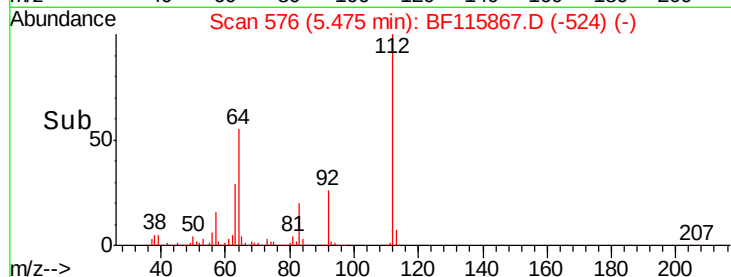
63 28.6 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.052 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

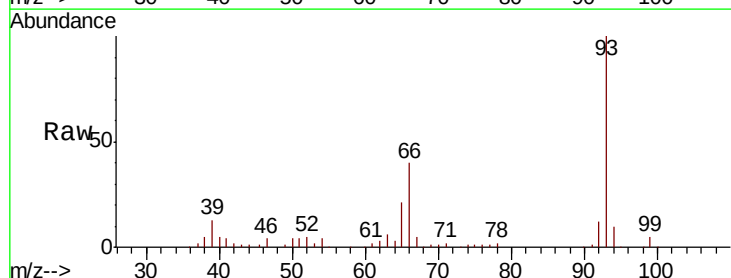
Tgt Ion: 93 Resp: 145308

Ion Ratio Lower Upper

93 100

66 39.9 31.4 47.0

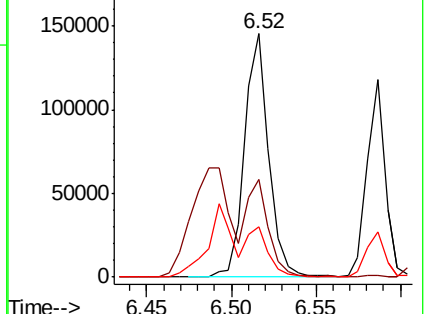
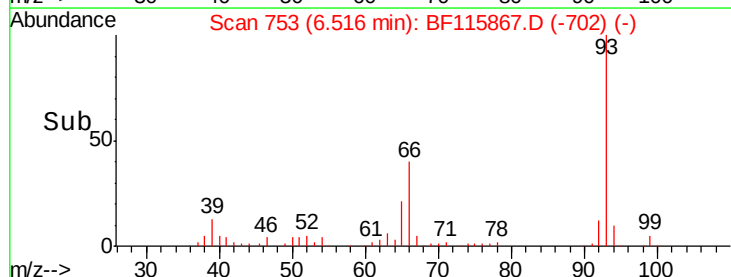
65 20.7 16.5 24.7

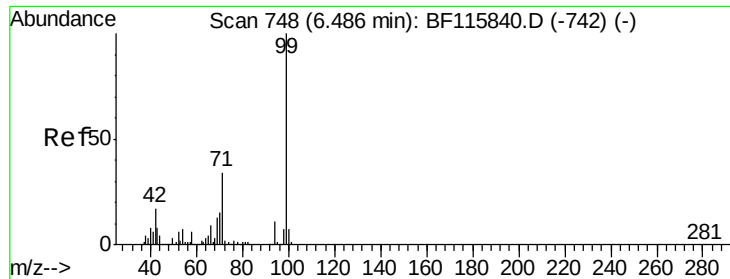


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.853 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

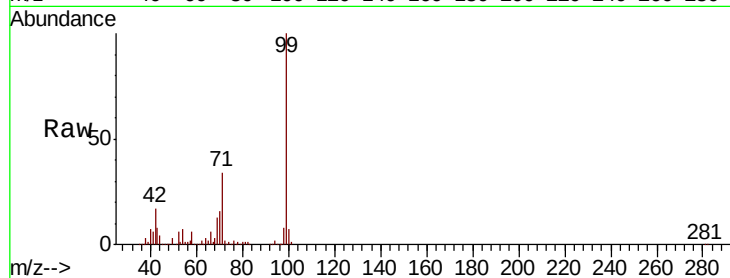
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1189596

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.7	27.1	40.7

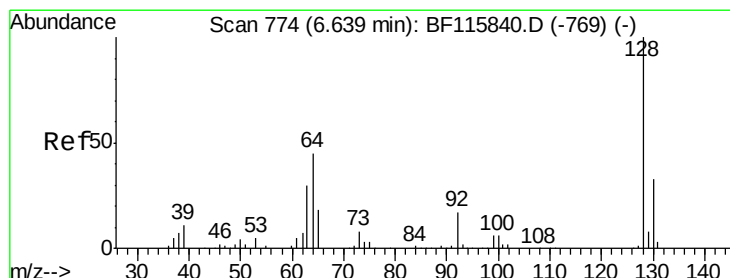
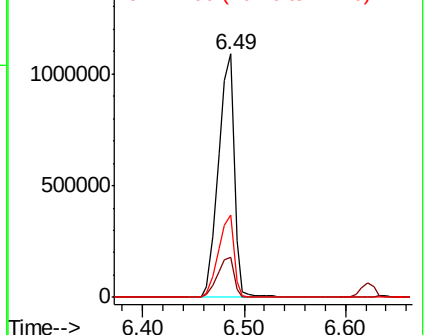
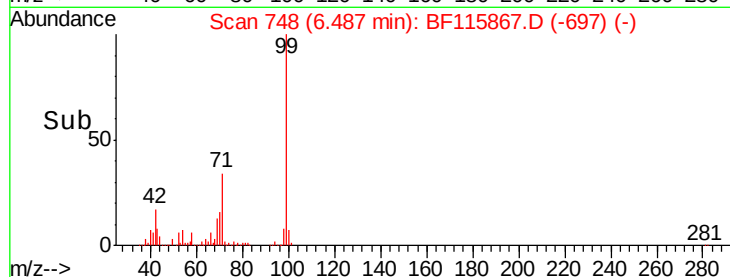


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 10.500 ng

RT: 6.64 min Scan# 774

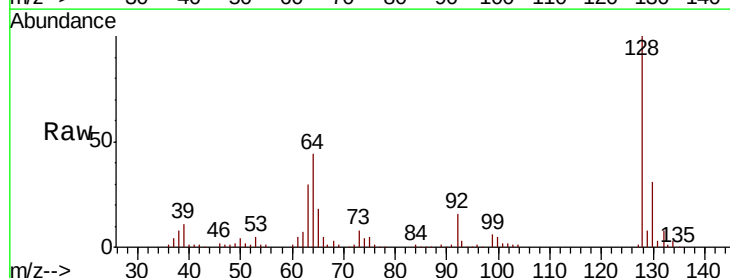
Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion: 128 Resp: 92888

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	43.9	26.1	66.1

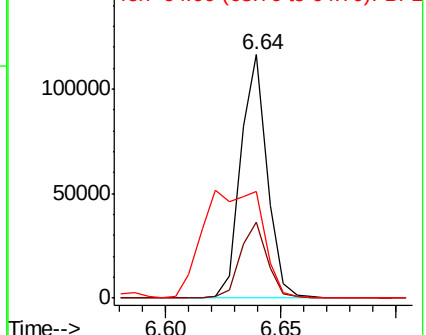
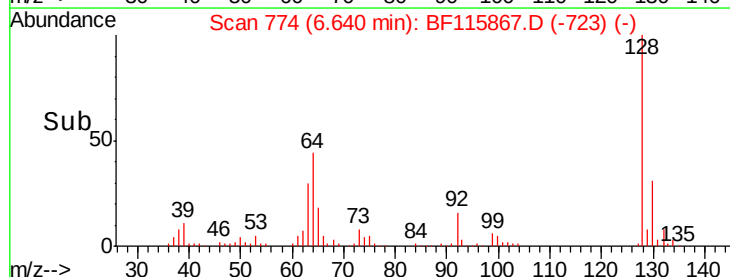


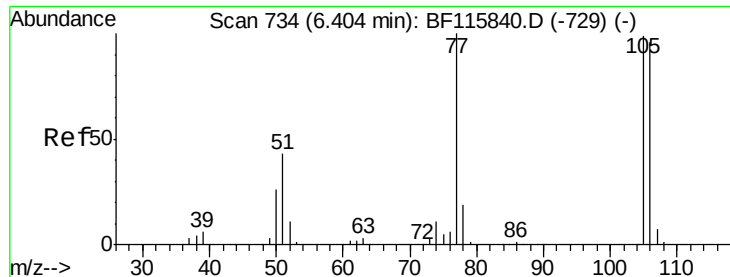
Abundance

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: 11.413 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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ClientSampleId :

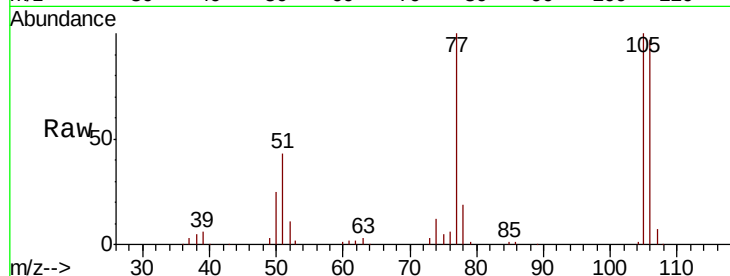
Tot Ion: 77 Resp: 79486

Ion Ratio Lower Upper

77 100

105 99.7 79.0 119.0

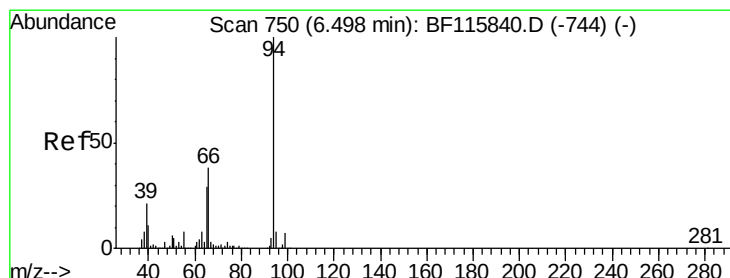
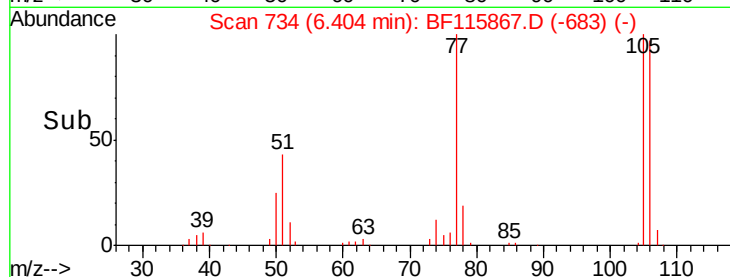
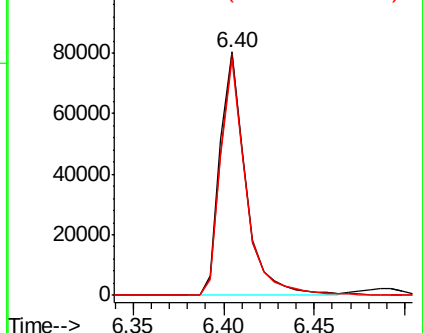
106 96.8 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 10.531 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

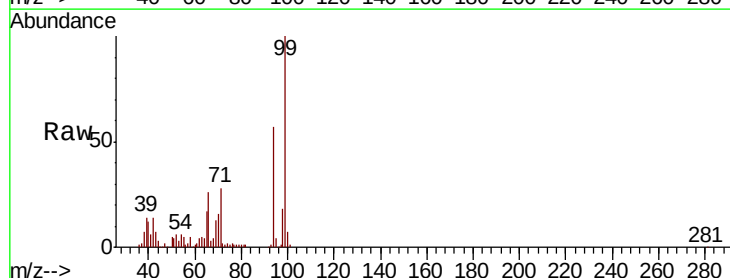
Tgt Ion: 94 Resp: 125180

Ion Ratio Lower Upper

94 100

65 30.4 8.9 48.9

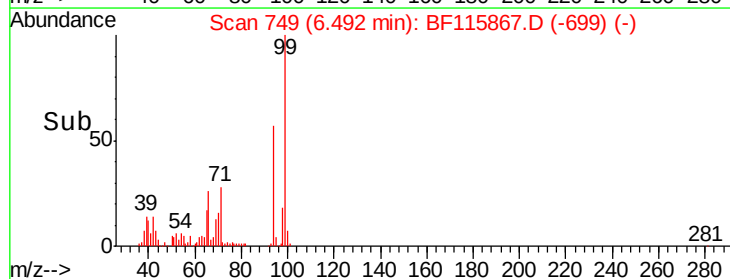
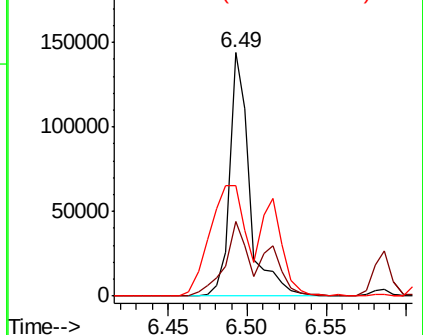
66 45.5 18.0 58.0

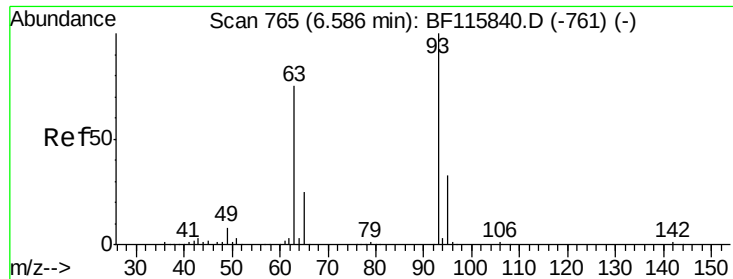


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.039 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

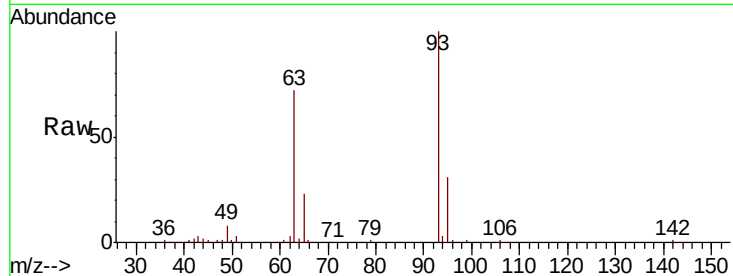
Tot Ion: 93 Resp: 87730

Ion Ratio Lower Upper

93 100

63 71.8 54.9 94.9

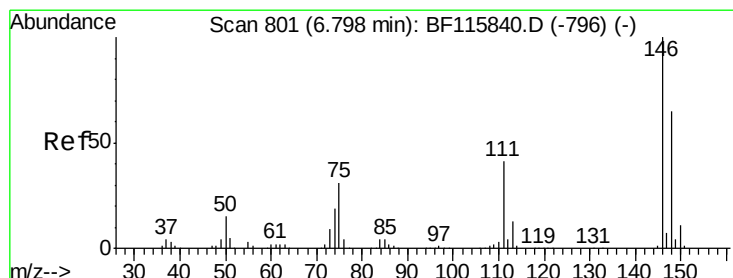
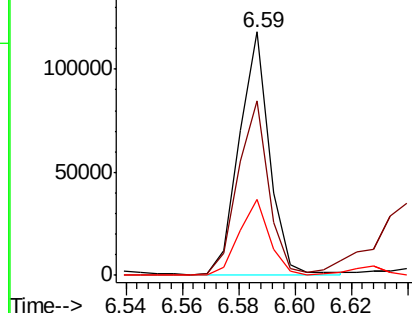
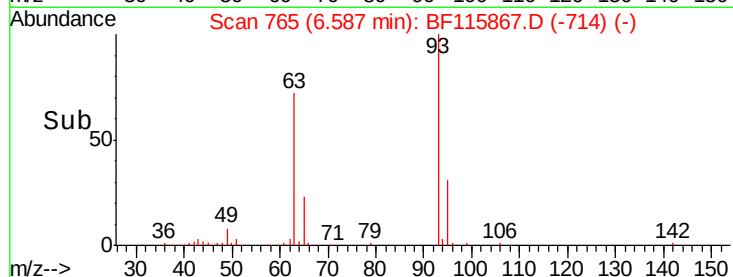
95 31.2 13.3 53.3



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: 10.231 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

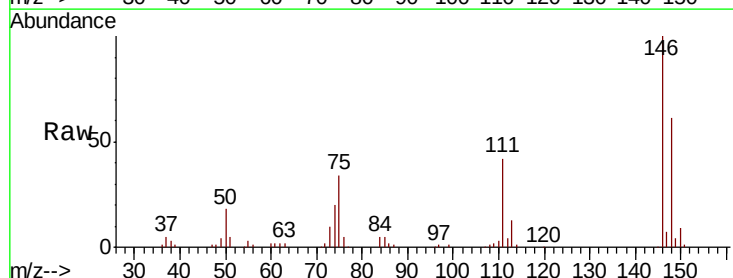
Tgt Ion: 146 Resp: 104606

Ion Ratio Lower Upper

146 100

148 61.1 52.1 78.1

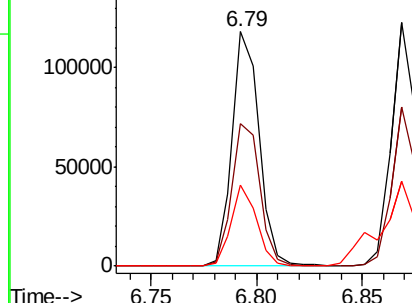
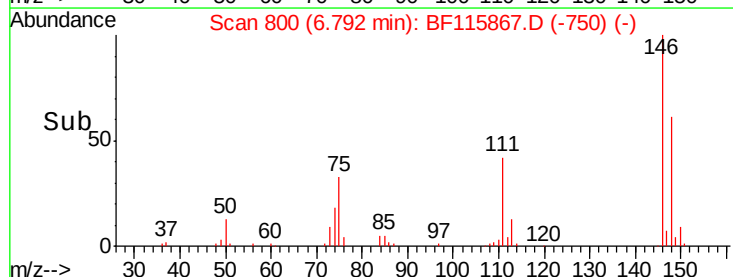
75 34.4 25.0 37.6

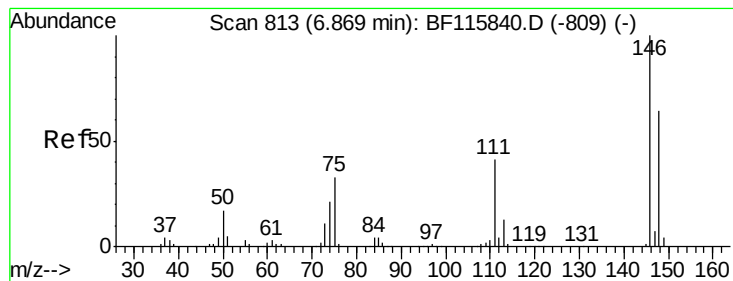


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 10.230 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

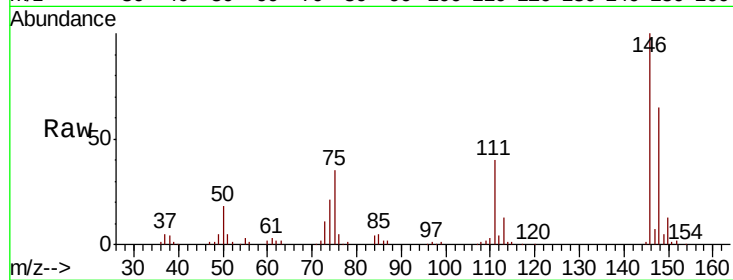
Tot Ion:146 Resp: 104726

Ion Ratio Lower Upper

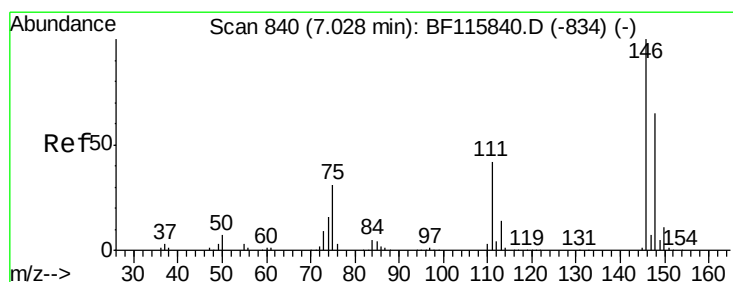
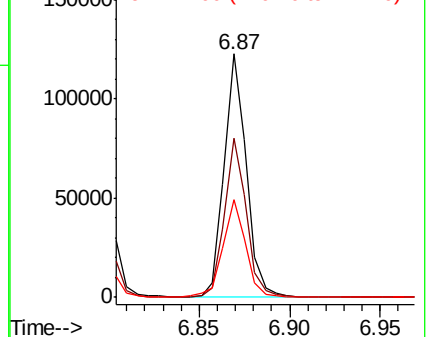
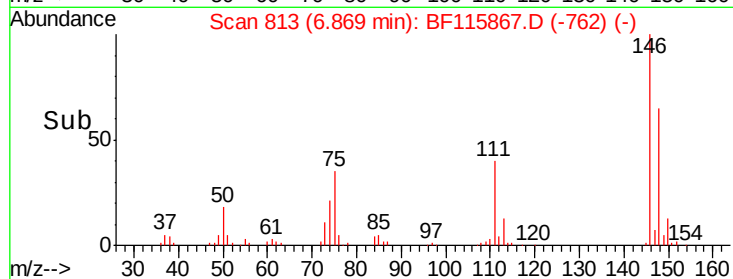
146 100

148 65.2 51.2 76.8

111 40.0 33.2 49.8



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



#14

1,2-Dichlorobenzene

Concen: 10.394 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

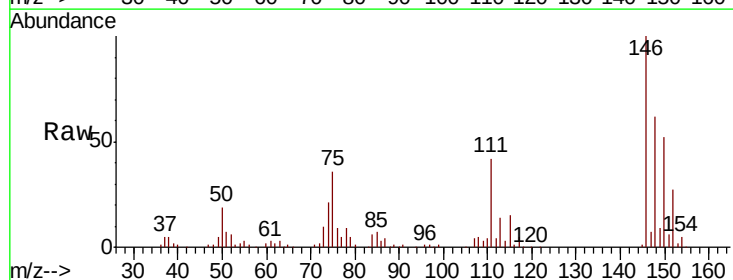
Tgt Ion:146 Resp: 97976

Ion Ratio Lower Upper

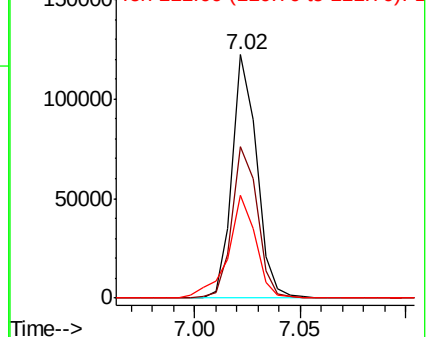
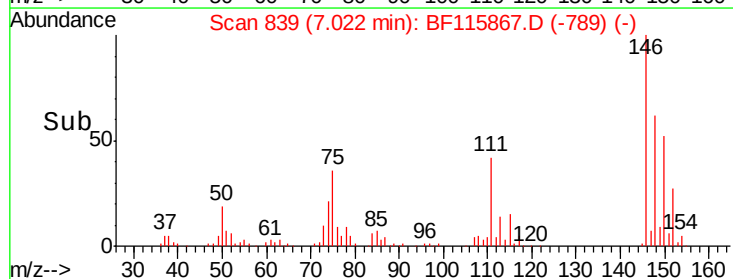
146 100

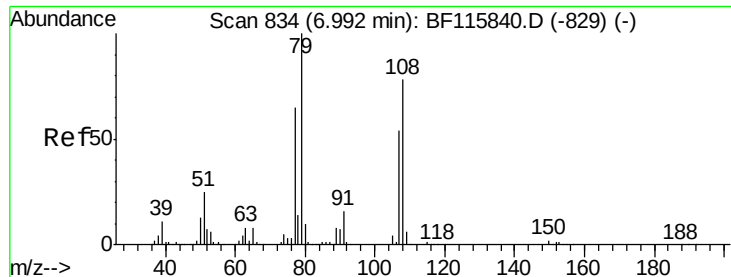
148 62.0 51.6 77.4

111 42.0 33.6 50.4



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





#15

Benzyl Alcohol

Concen: 10.677 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampled :

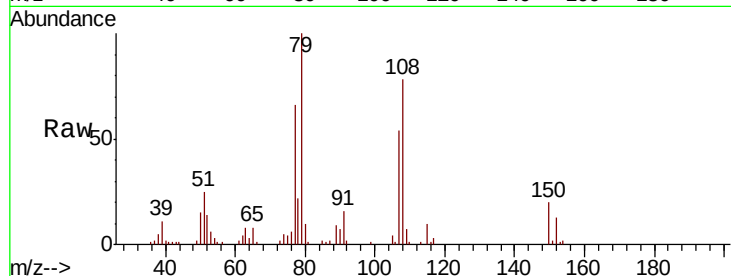
Tot Ion: 79 Resp: 81790

Ion Ratio Lower Upper

79 100

108 78.2 62.8 94.2

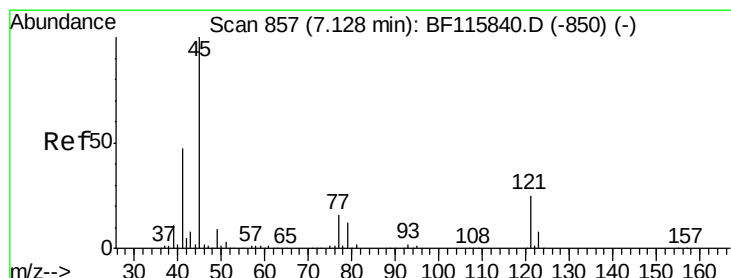
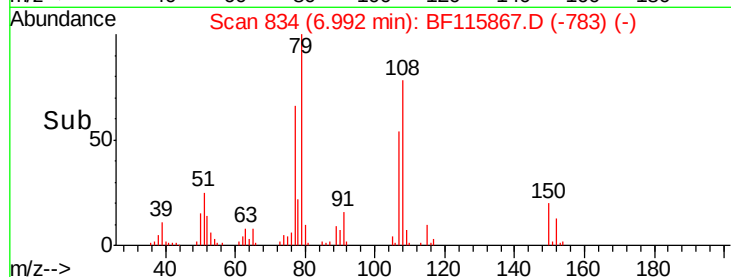
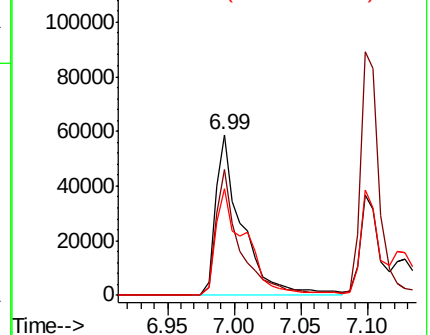
77 65.9 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.757 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

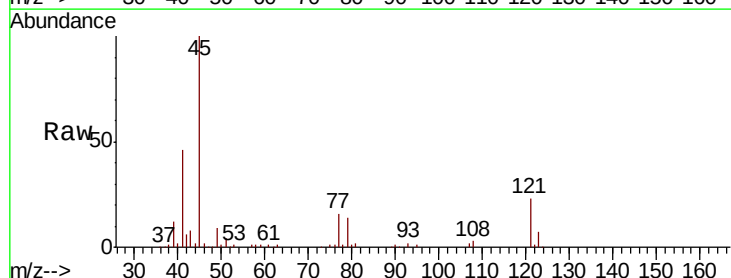
Tgt Ion: 45 Resp: 116302

Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.3

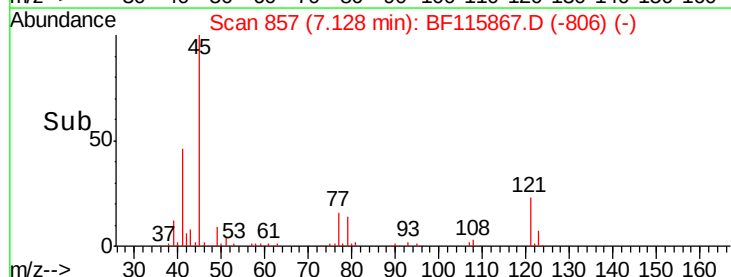
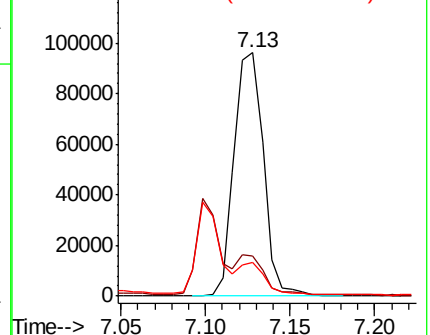
79 13.7 0.0 32.5

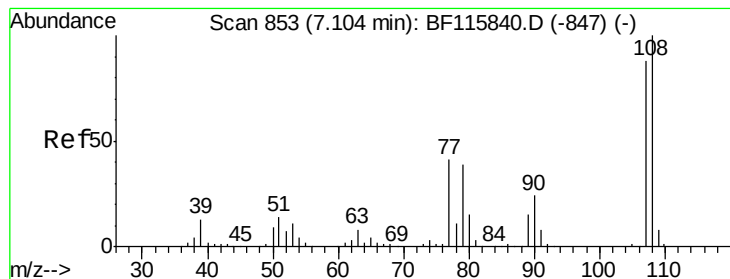


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

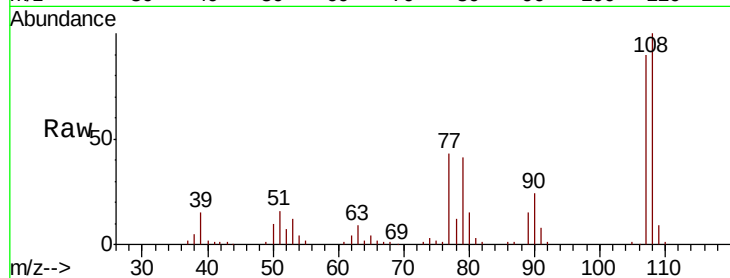




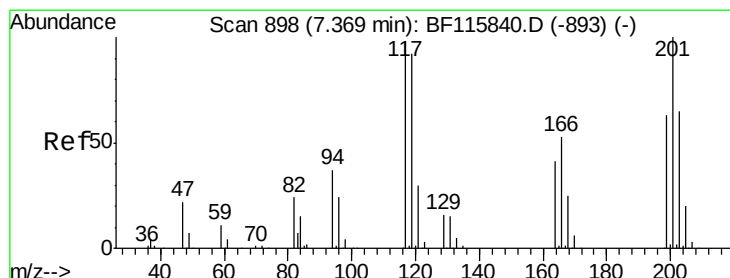
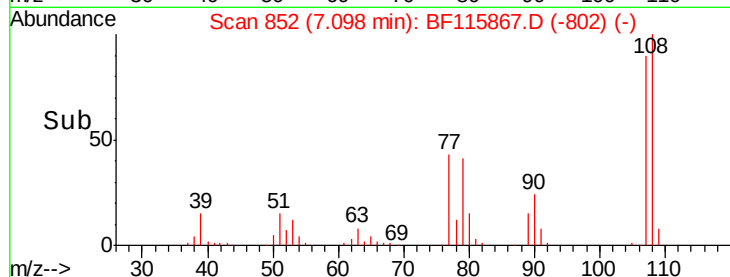
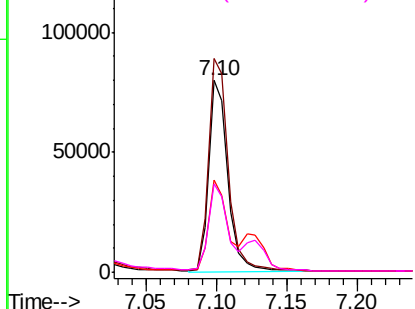
#17
2-Methylphenol
Concen: 10.019 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 75053
Ion Ratio Lower Upper
107 100
108 111.6 91.4 137.0
77 48.2 37.6 56.4
79 46.2 36.2 54.4

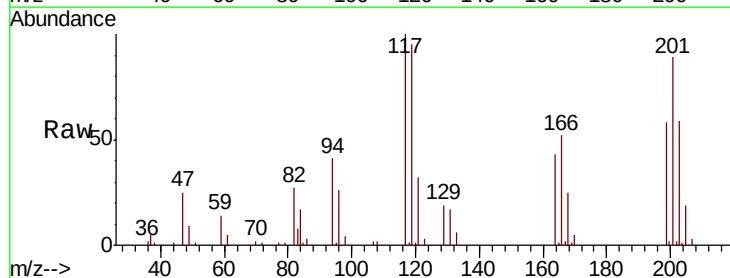


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

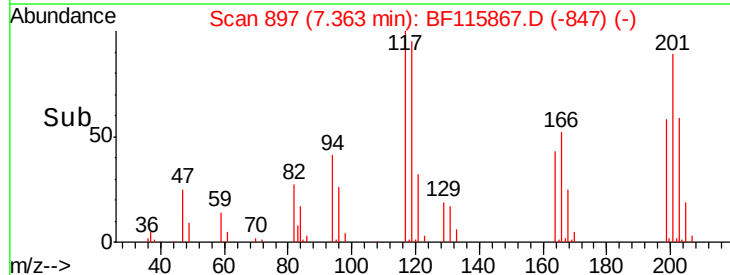
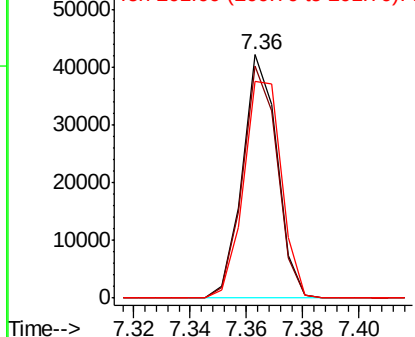


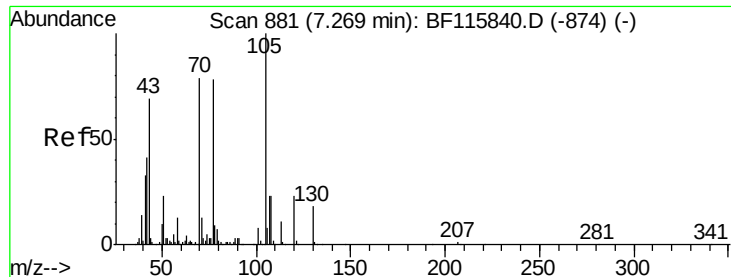
#18
Hexachloroethane
Concen: 9.513 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:117 Resp: 35856
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
201 88.8 82.0 123.0



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

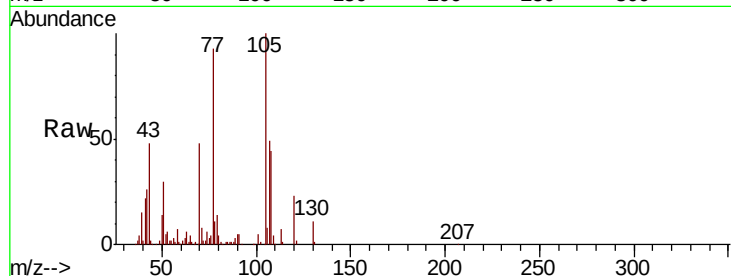




#19
n-Nitroso-di-n-propylamine
Concen: 10.425 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	65207
Ion	Ratio	Lower	Upper
70	100		
42	53.9	41.8	62.8
101	9.6	7.7	11.5
130	21.9	17.8	26.6



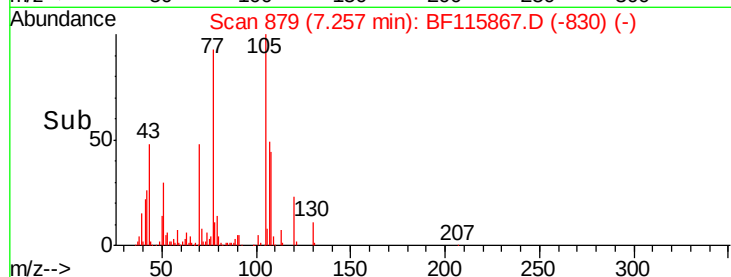
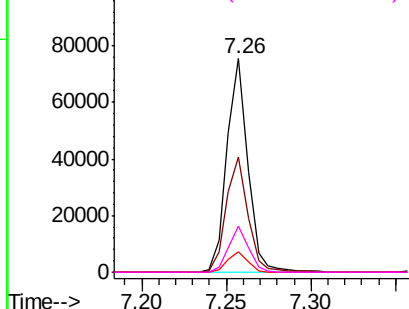
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 10.796 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:	107	Resp:	95706
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.9	107.9
77	189.6	77.3	117.3#
79	28.3	6.6	46.6

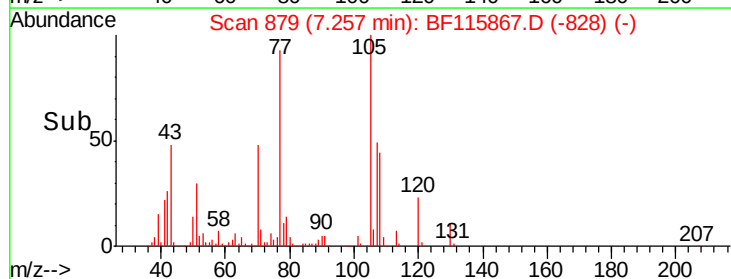
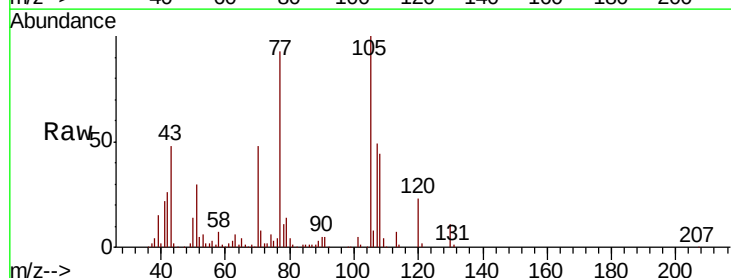
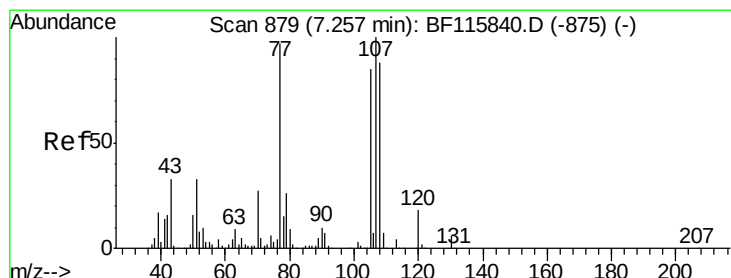
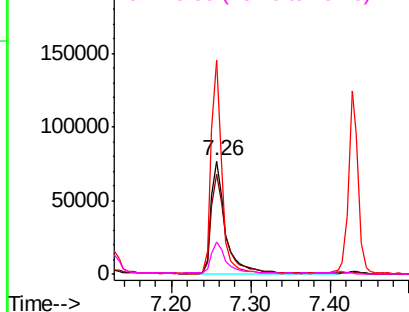
Abundance

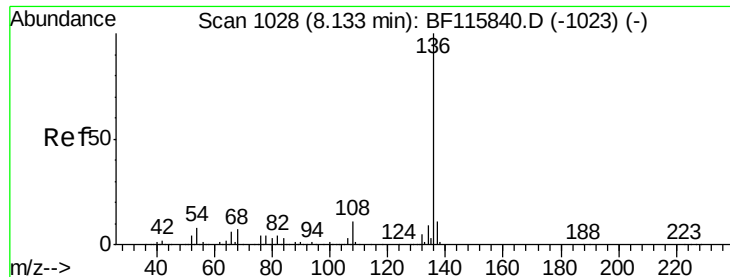
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 529340

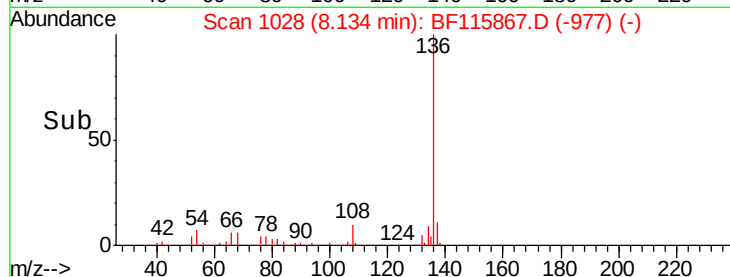
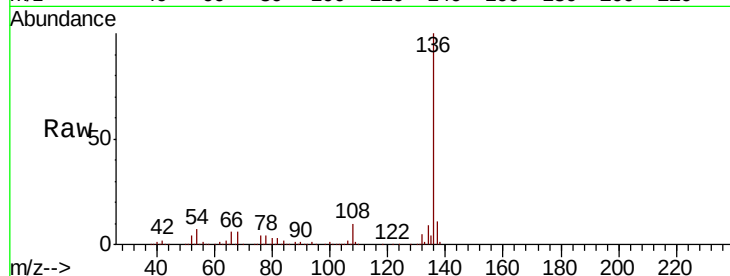
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 6.1 9.1

68 6.0 5.4 8.2

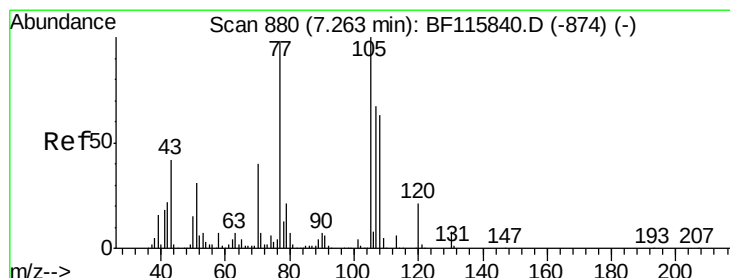
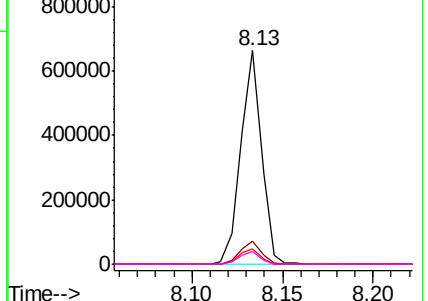


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.398 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:105 Resp: 132324

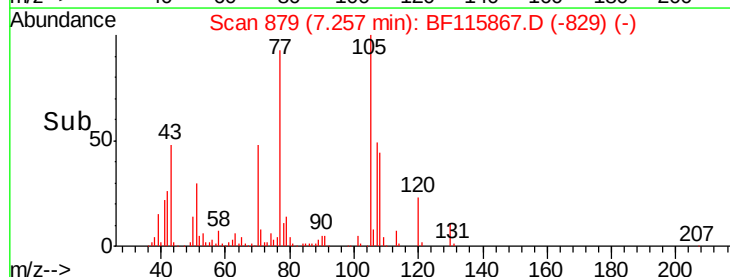
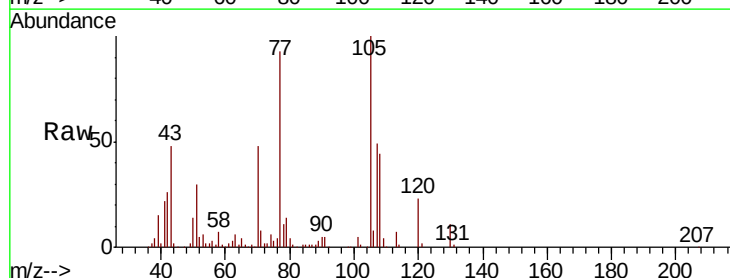
Ion Ratio Lower Upper

105 100

71 8.0 5.4 8.0

51 29.6 24.6 36.8

120 22.5 17.0 25.6

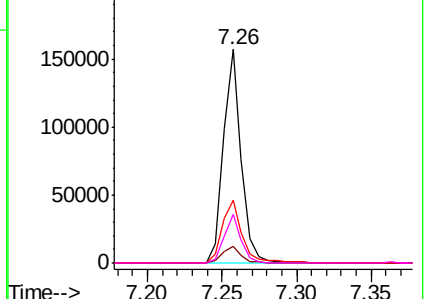


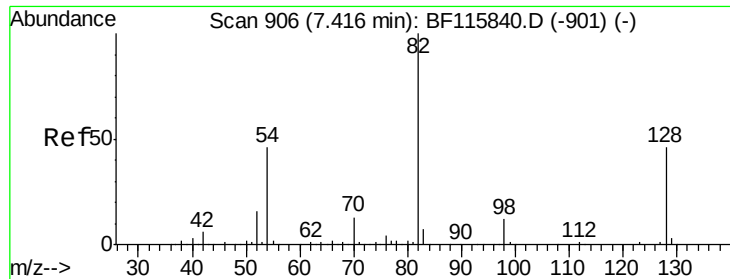
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.668 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

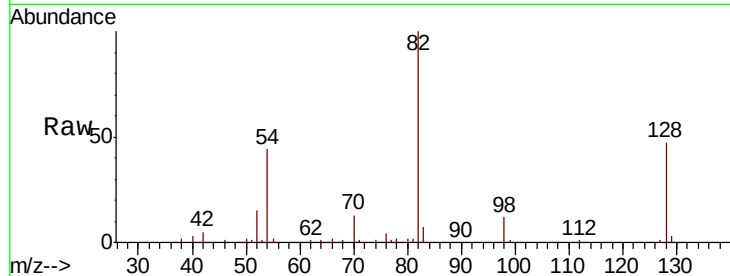
Tot Ion: 82 Resp: 748920

Ion Ratio Lower Upper

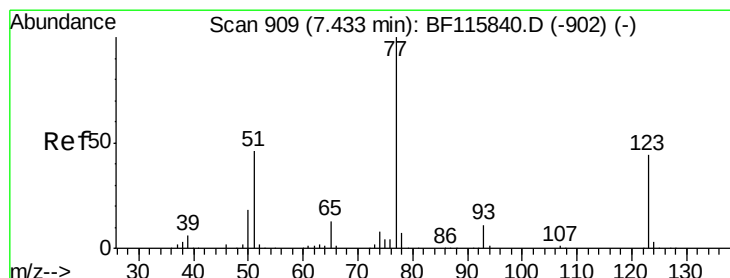
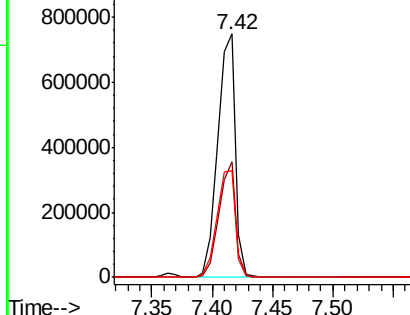
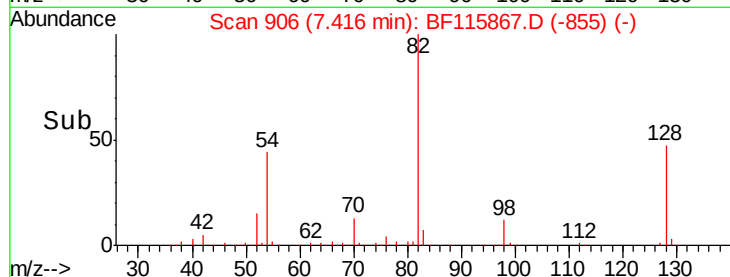
82 100

128 47.5 36.6 55.0

54 43.7 36.6 55.0



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



#24

Nitrobenzene

Concen: 10.873 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

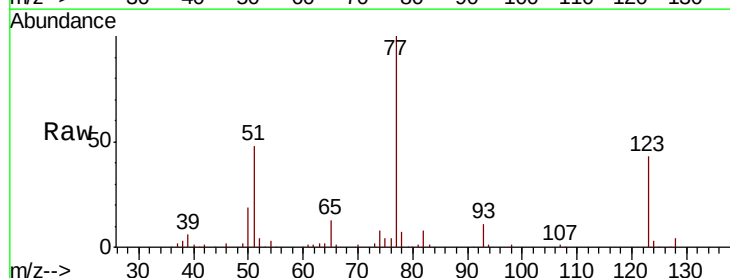
Tgt Ion: 77 Resp: 107664

Ion Ratio Lower Upper

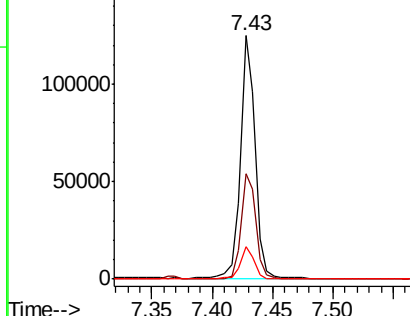
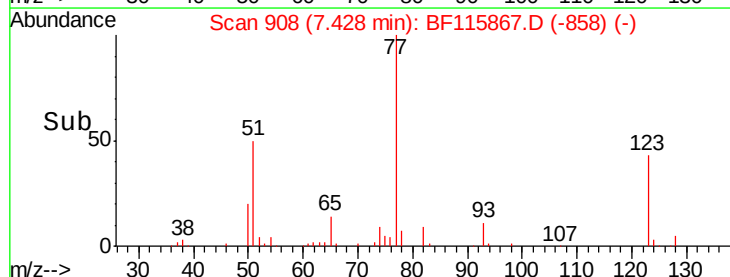
77 100

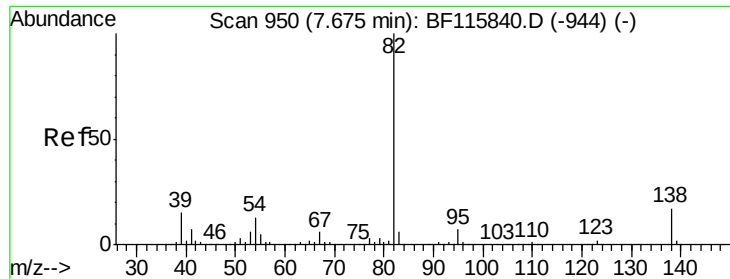
123 43.2 35.5 53.3

65 13.2 10.6 15.8



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





#25

Isophorone

Concen: 10.076 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

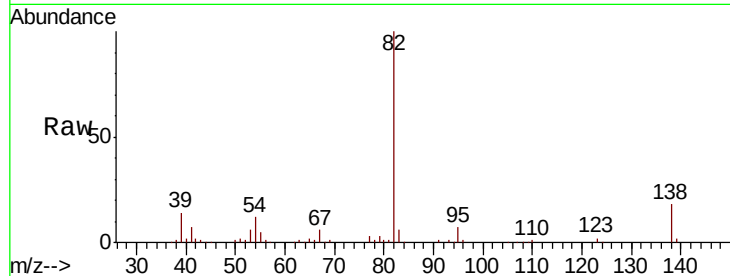
Tot Ion: 82 Resp: 176678

Ion Ratio Lower Upper

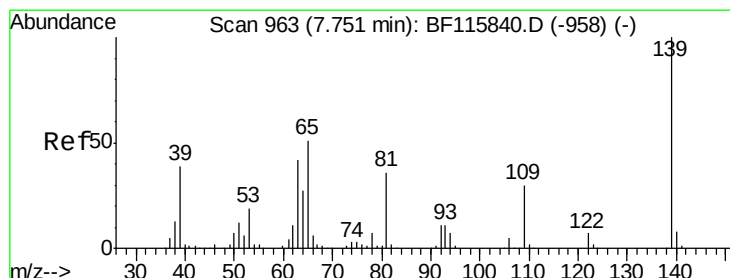
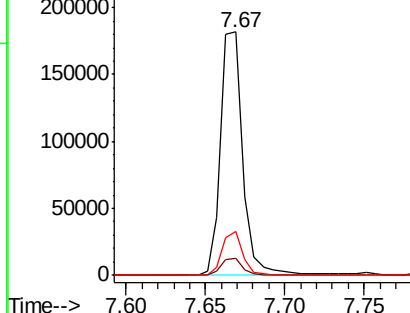
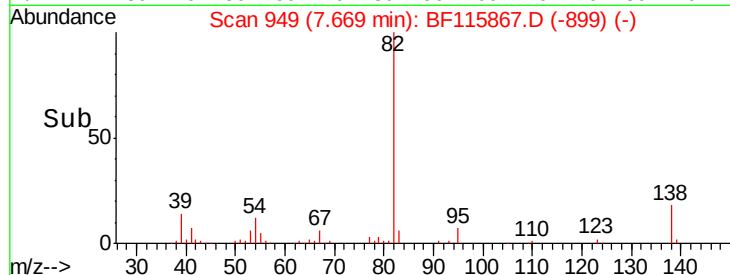
82 100

95 7.1 5.5 8.3

138 18.2 13.9 20.9



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



#26

2-Nitrophenol

Concen: 9.336 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

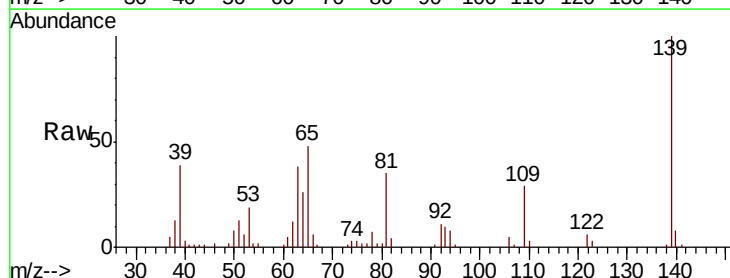
Tgt Ion: 139 Resp: 43576

Ion Ratio Lower Upper

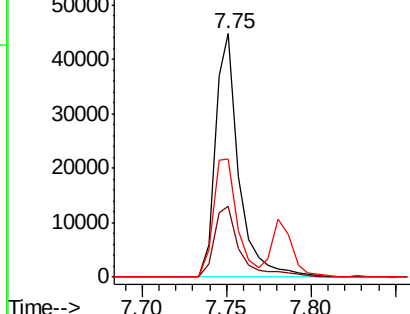
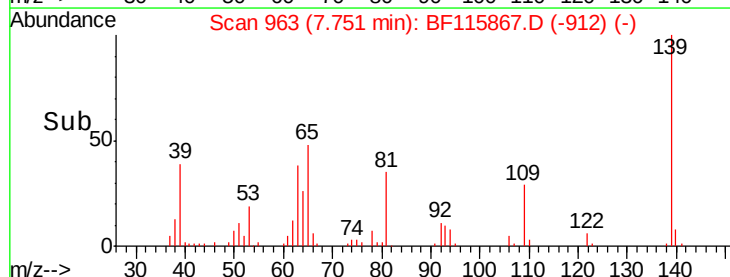
139 100

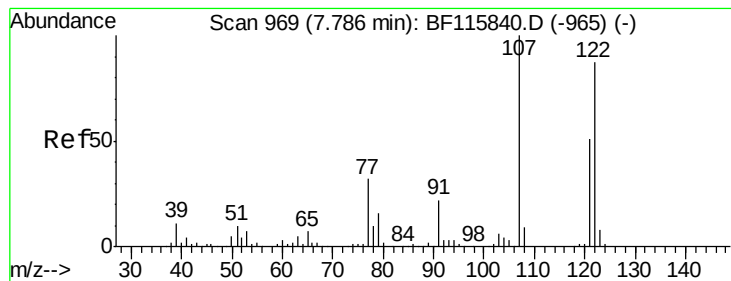
109 29.2 23.6 35.4

65 48.3 40.6 60.8



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





#27

2,4-Dimethylphenol

Concen: 11.051 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampled :

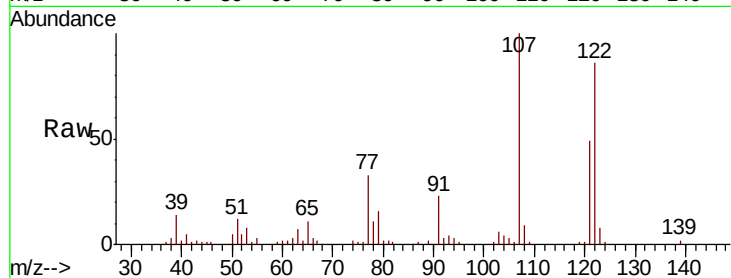
Tot Ion:122 Resp: 77602

Ion Ratio Lower Upper

122 100

107 116.7 91.7 137.5

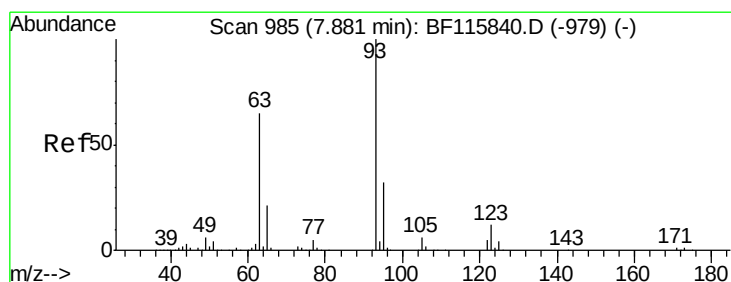
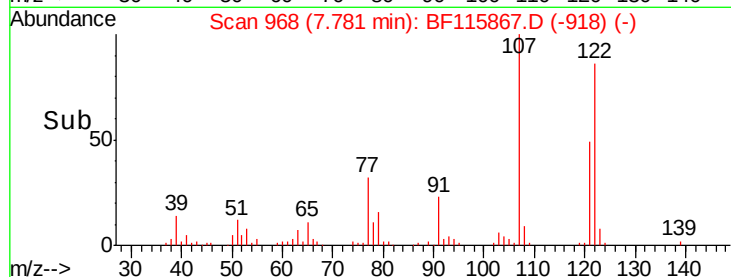
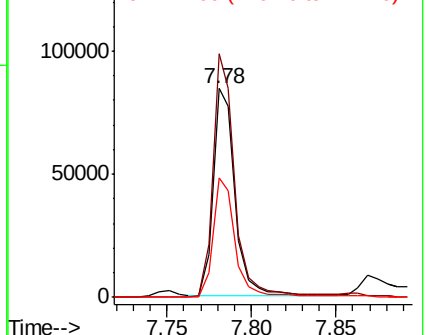
121 57.0 46.6 70.0



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: 9.871 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

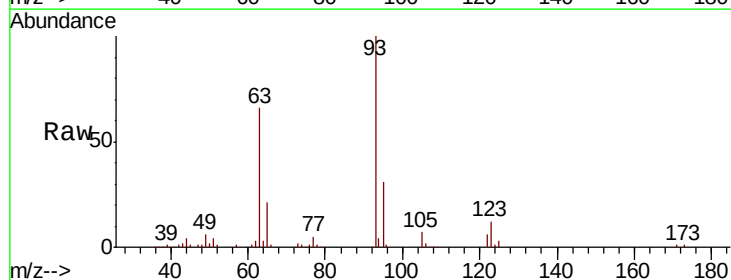
Tgt Ion: 93 Resp: 107281

Ion Ratio Lower Upper

93 100

95 31.4 26.0 39.0

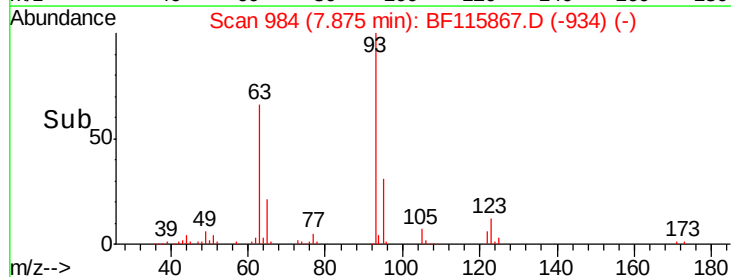
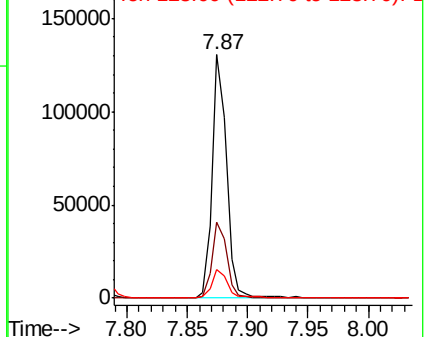
123 11.7 9.5 14.3

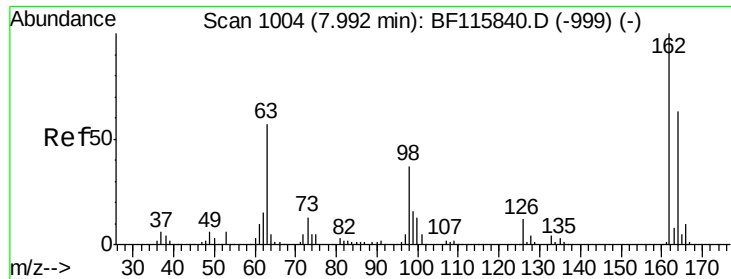


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

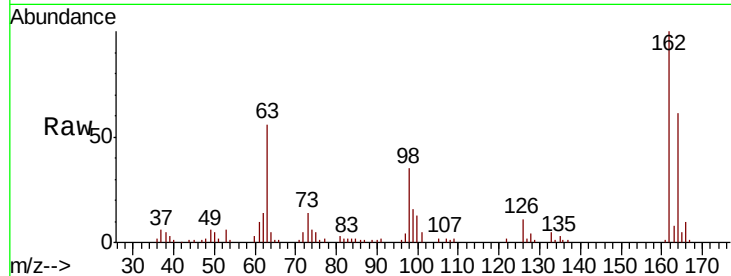




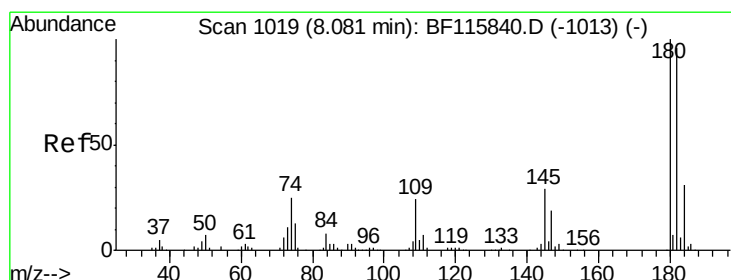
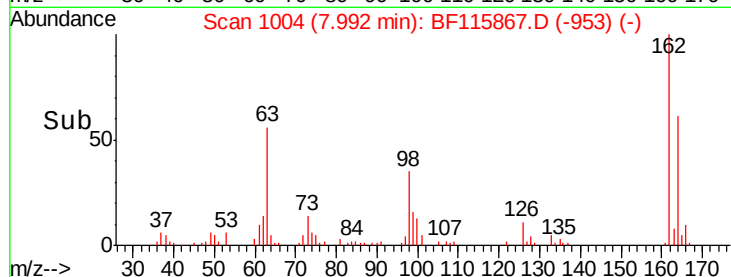
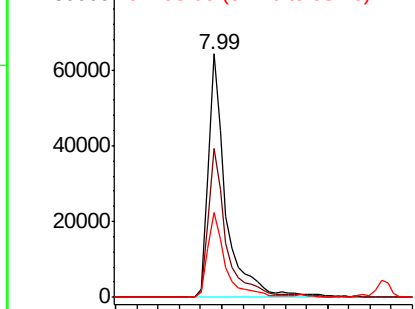
#29
 2,4-Dichlorophenol
 Concen: 10.130 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 75110
 Ion Ratio Lower Upper
 162 100
 164 60.9 43.2 83.2
 98 35.0 17.3 57.3

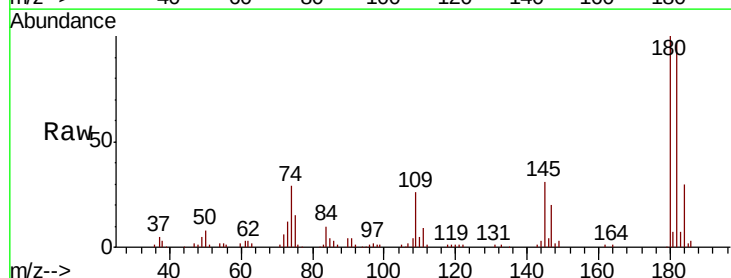


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

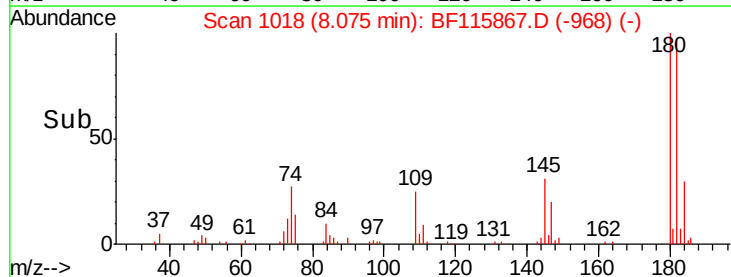
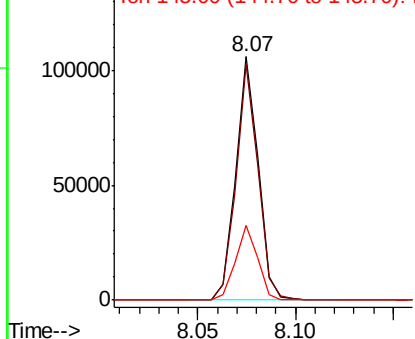


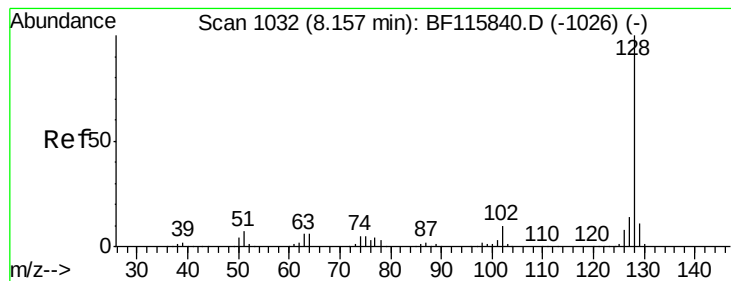
#30
 1,2,4-Trichlorobenzene
 Concen: 9.950 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:180 Resp: 84092
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.6 114.8
 145 30.7 23.2 34.8



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





#31

Naphthalene

Concen: 11.045 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

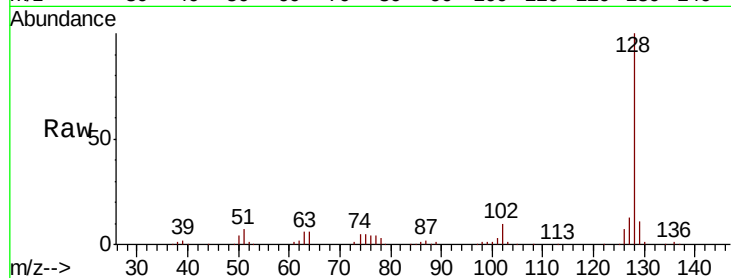
Tot Ion:128 Resp: 275117

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

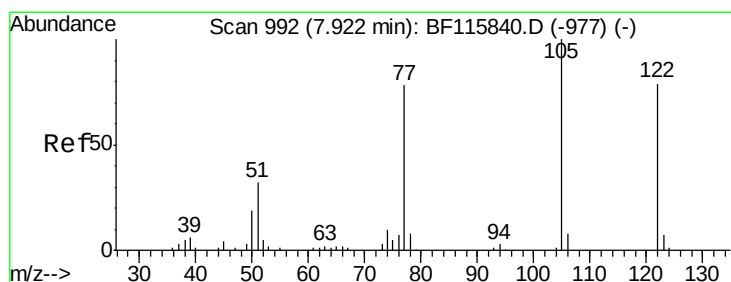
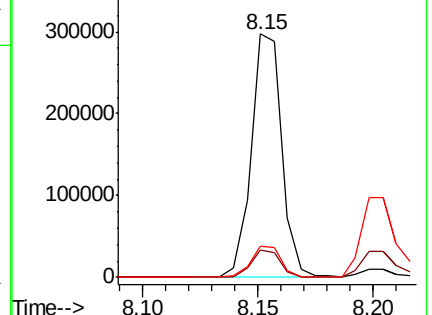
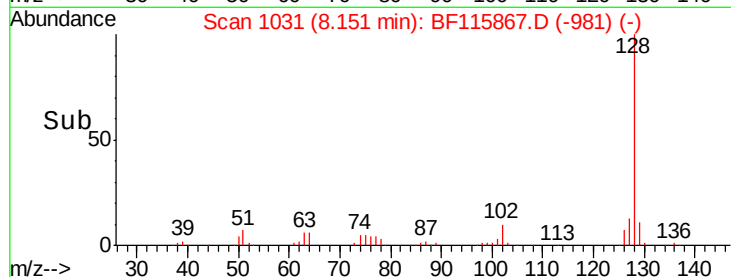
127 12.7 11.0 16.4



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: 2.022 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

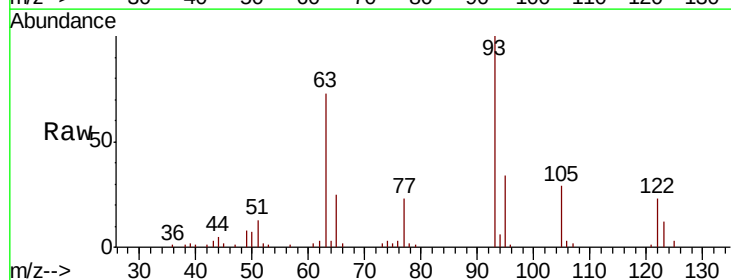
Tgt Ion:122 Resp: 10013

Ion Ratio Lower Upper

122 100

105 127.0 103.1 143.1

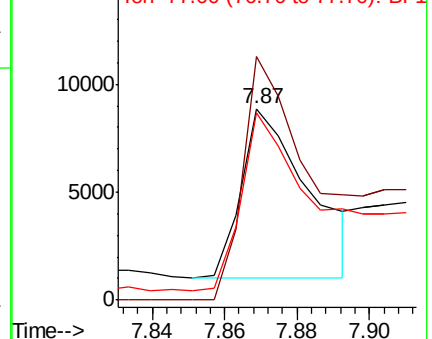
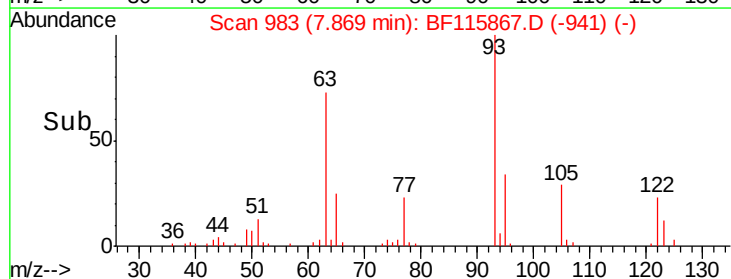
77 97.8 76.8 116.8

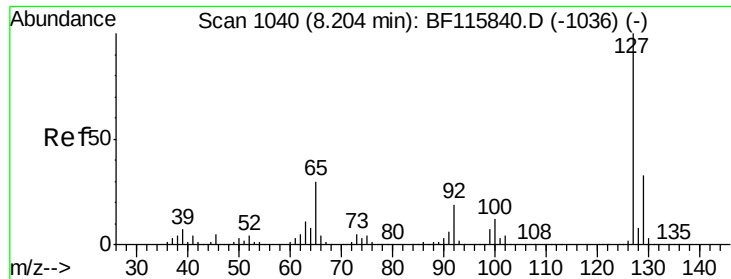


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

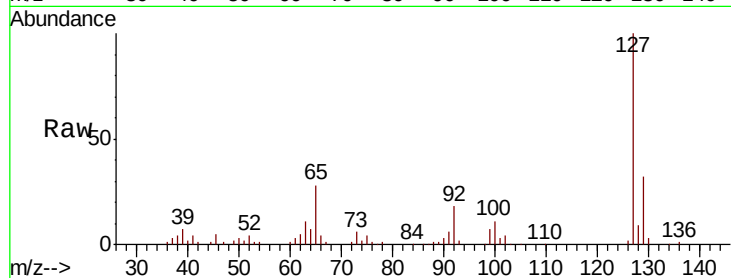




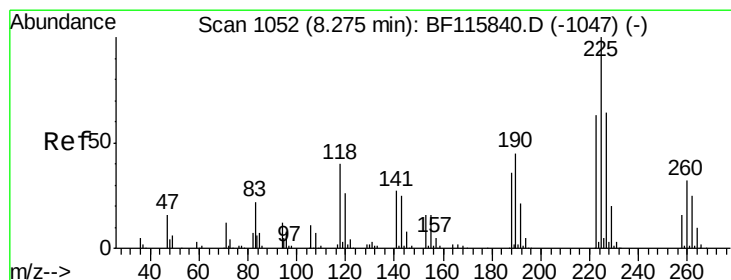
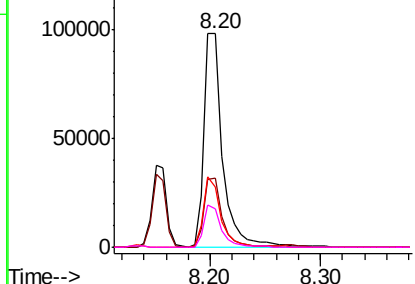
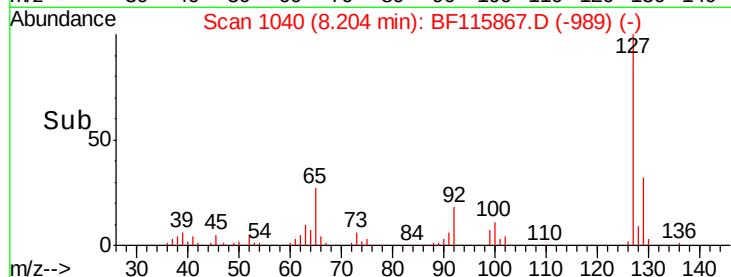
#33
4-Chloroaniline
Concen: 10.085 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	112239
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	28.0	23.9	35.9
92	18.1	14.9	22.3

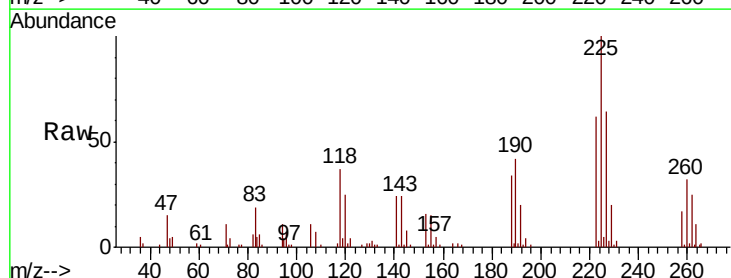


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

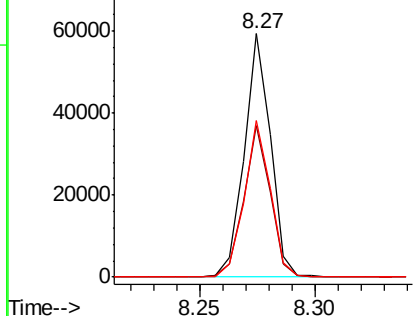
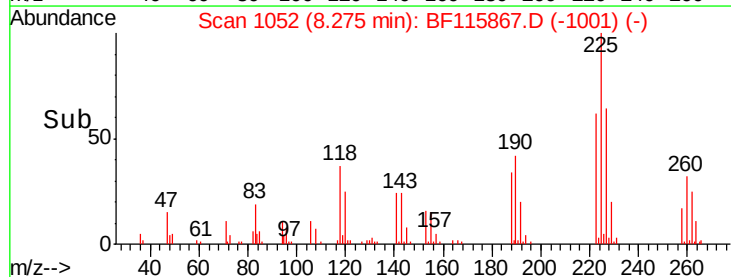


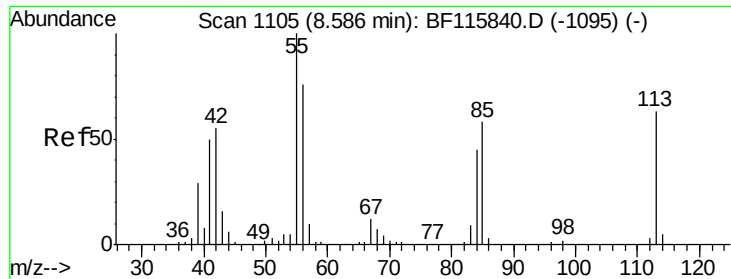
#34
Hexachlorobutadiene
Concen: 9.678 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:	225	Resp:	47117
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	67.1	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
80000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

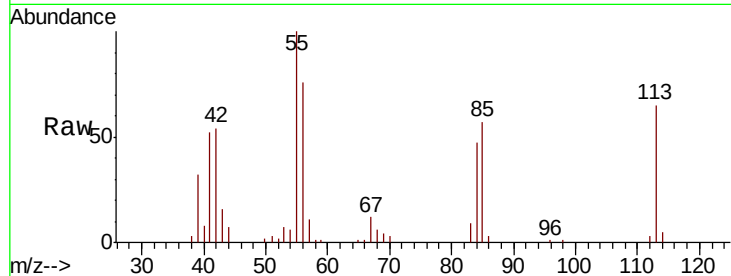




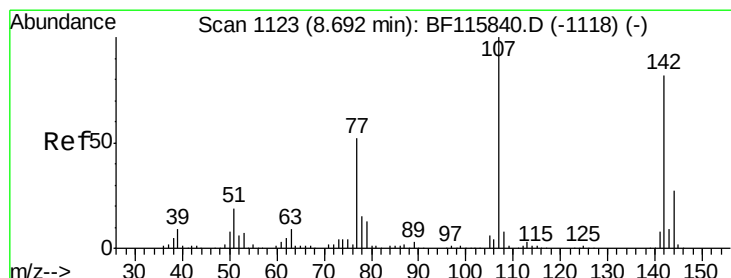
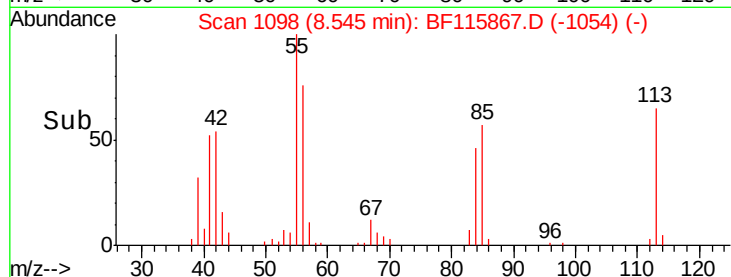
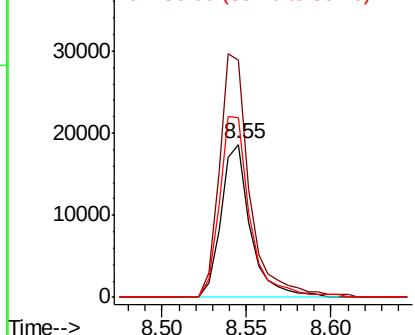
#35
Caprolactam
Concen: 9.433 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 22621
Ion Ratio Lower Upper
113 100
55 154.9 138.1 178.1
56 117.2 100.6 140.6

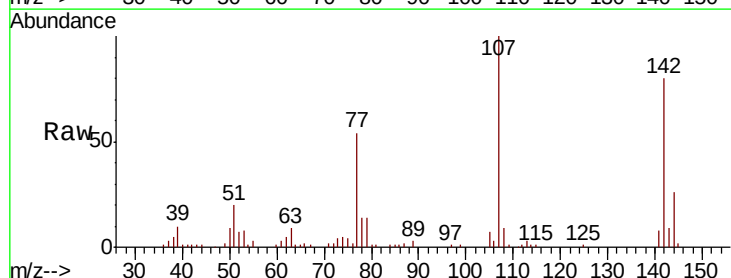


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

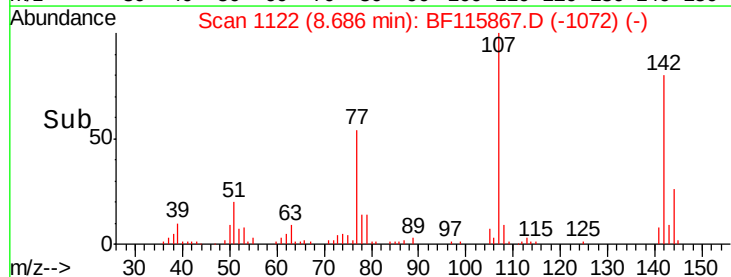
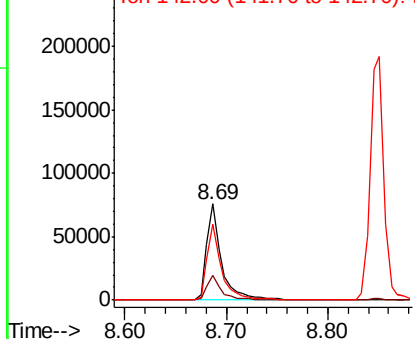


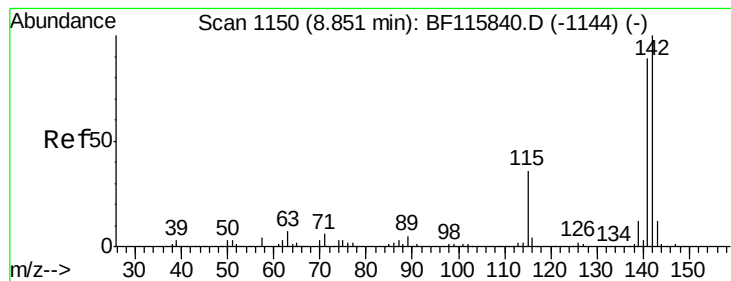
#36
4-Chloro-3-methylphenol
Concen: 10.115 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:107 Resp: 78020
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.0
142 79.5 65.5 98.3



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: 11.033 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

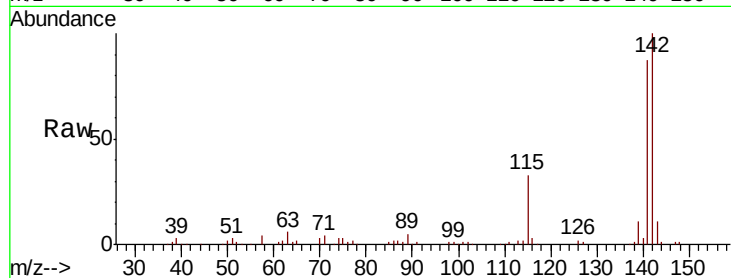
Tot Ion:142 Resp: 181003

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2

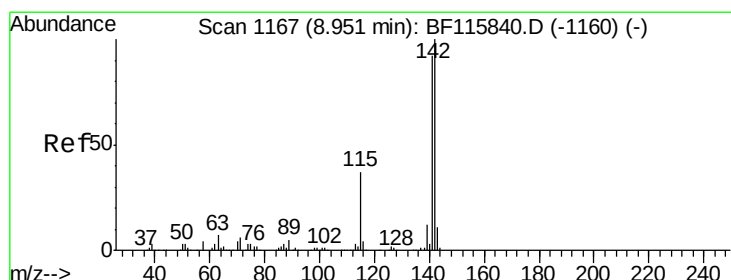
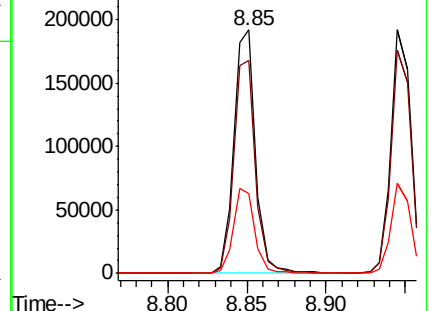
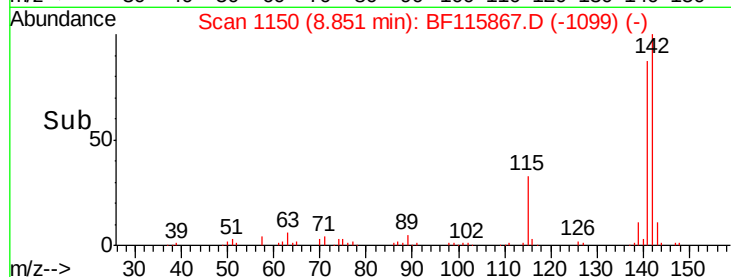
115 32.9 28.9 43.3



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: 10.891 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

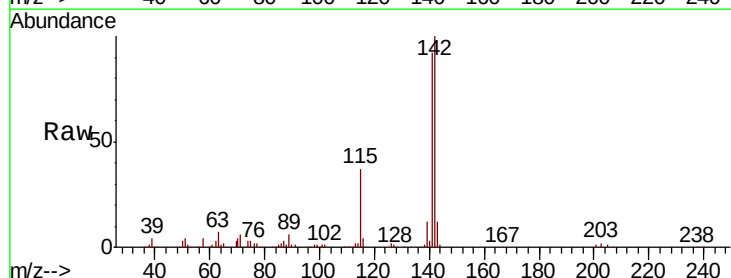
Tgt Ion:142 Resp: 169033

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

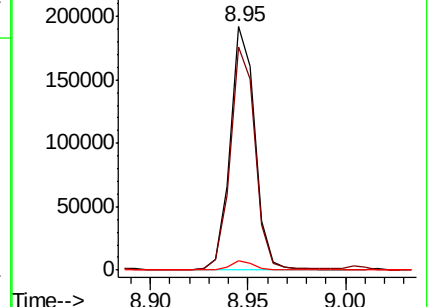
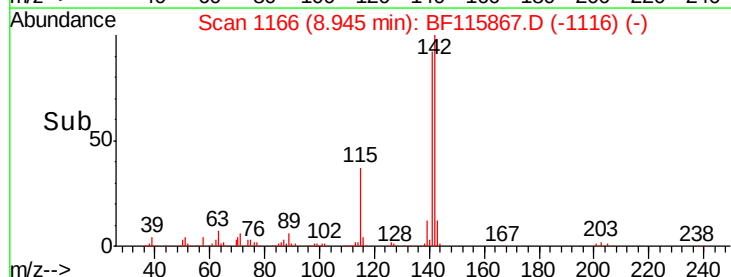
116 4.0 3.1 4.7

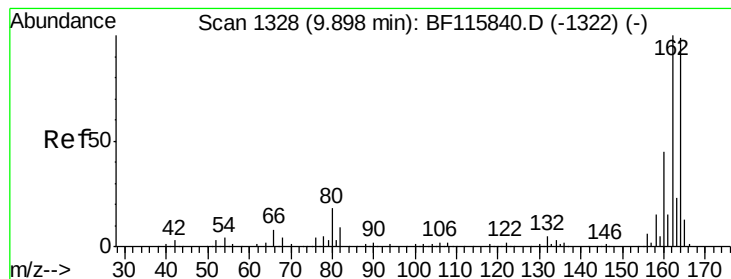


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

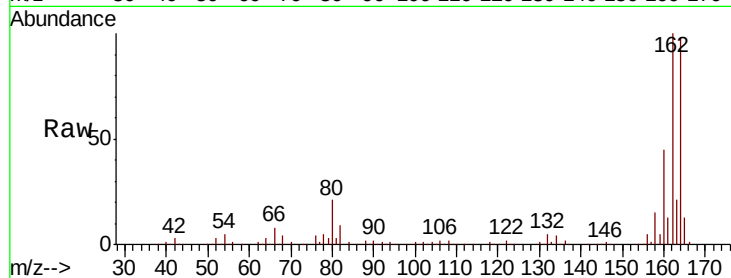
Tot Ion:164 Resp: 275476

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

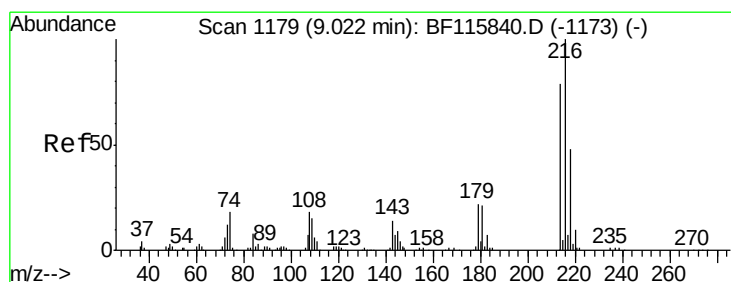
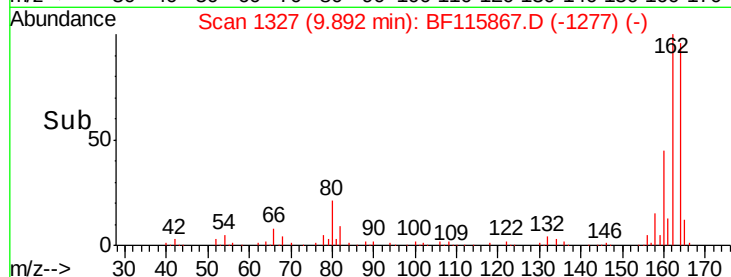
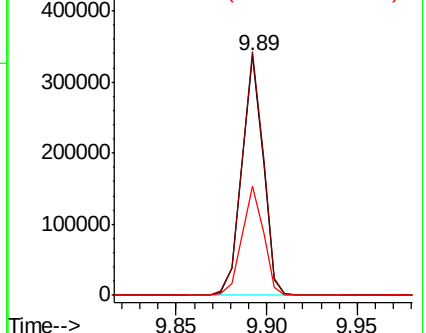
160 45.8 36.2 54.4



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: 10.680 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:216 Resp: 78656

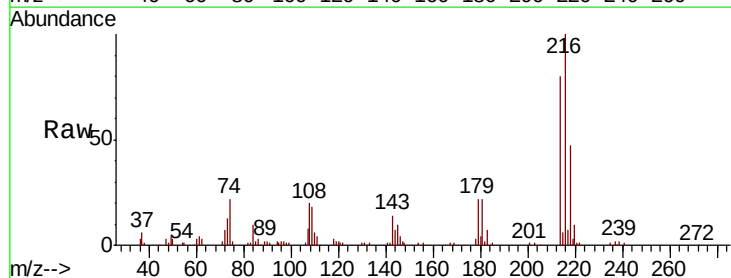
Ion Ratio Lower Upper

216 100

214 79.6 62.8 94.2

179 21.4 17.6 26.4

108 19.5 16.1 24.1

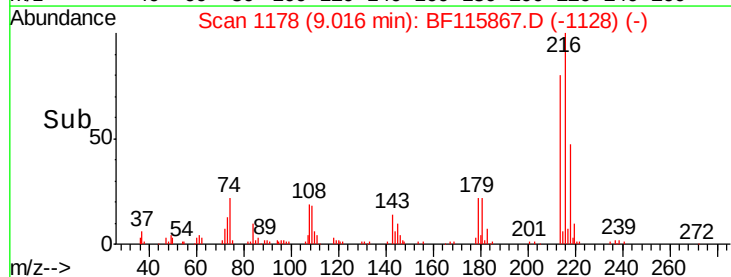
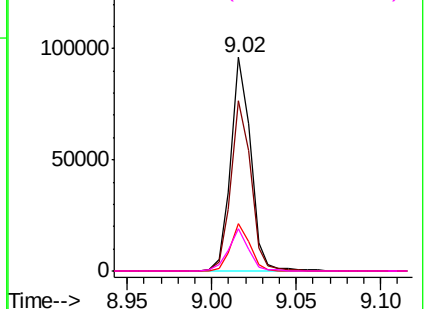


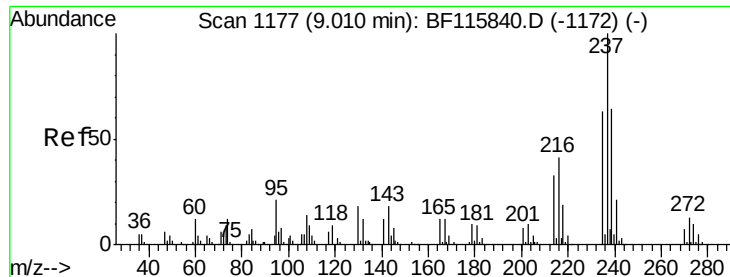
Abundance Ion 216.00 (215.70 to 216.70): E

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

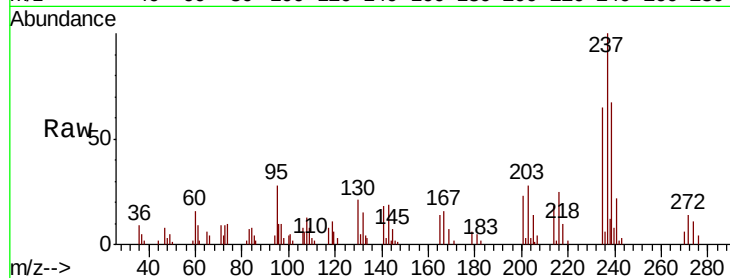




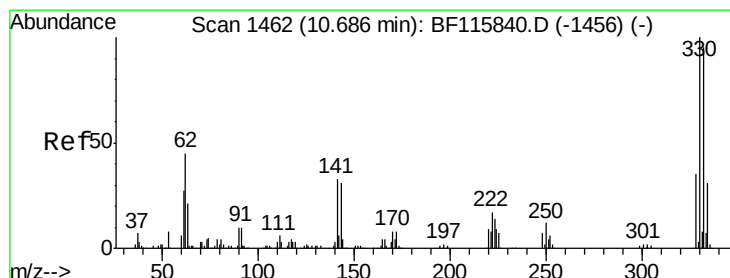
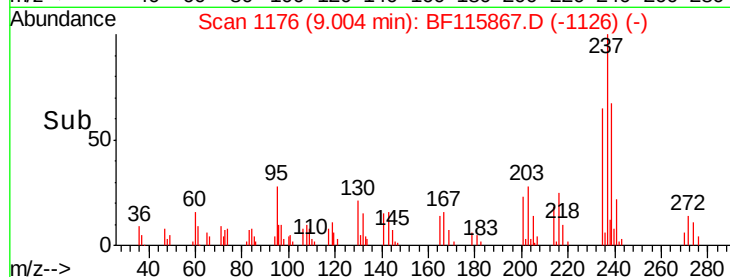
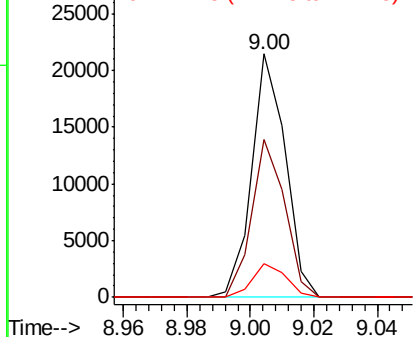
#41
Hexachlorocyclopentadiene
Concen: 5.504 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 15843
Ion Ratio Lower Upper
237 100
235 64.7 42.5 82.5
272 14.0 0.0 33.3

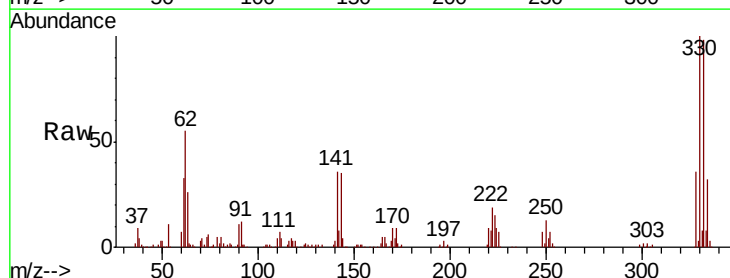


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

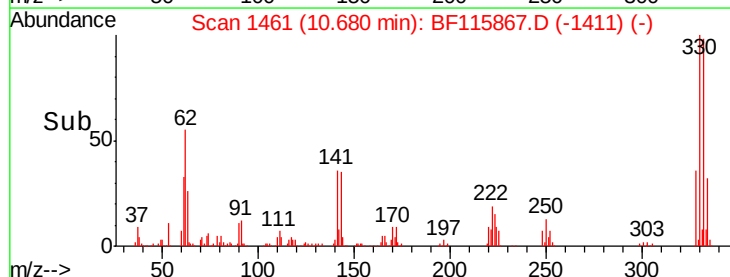
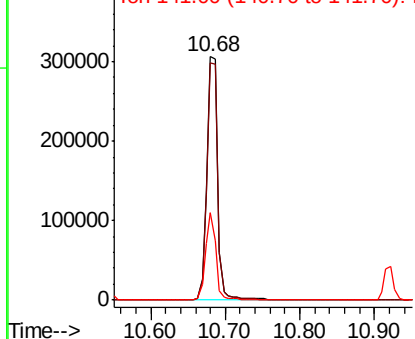


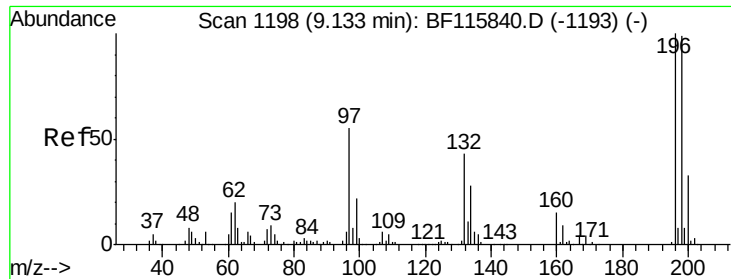
#42
2,4,6-Tribromophenol
Concen: 116.852 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:330 Resp: 312089
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.0 28.1 42.1



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

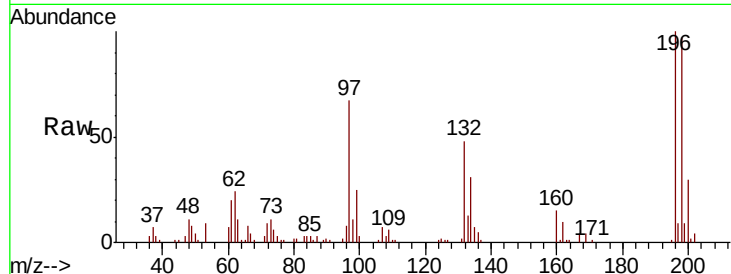




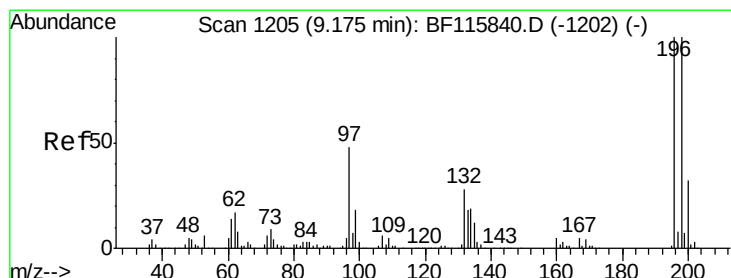
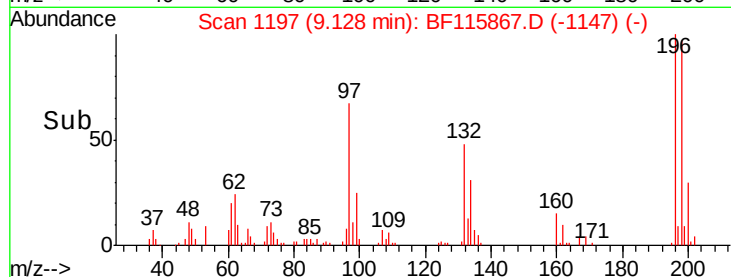
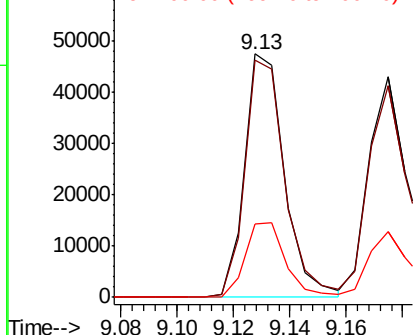
#43
 2,4,6-Trichlorophenol
 Concen: 9.170 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 46482
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.1 118.7
 200 30.1 26.0 39.0

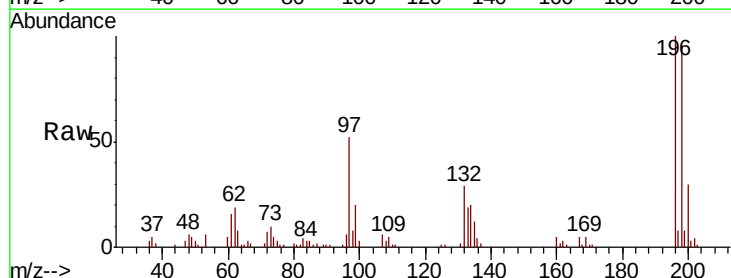


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

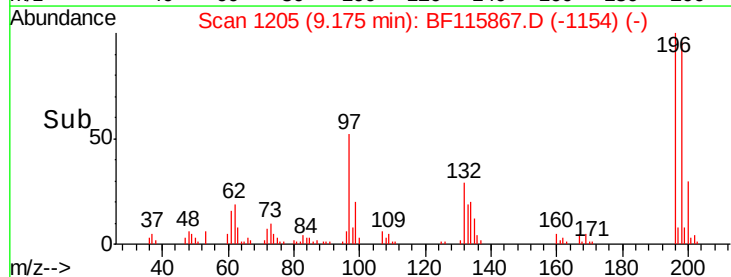
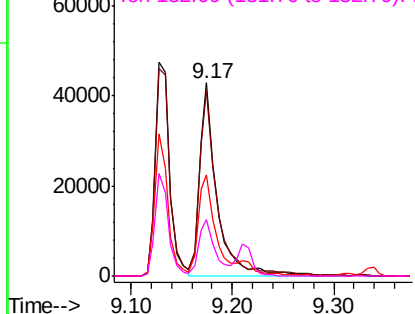


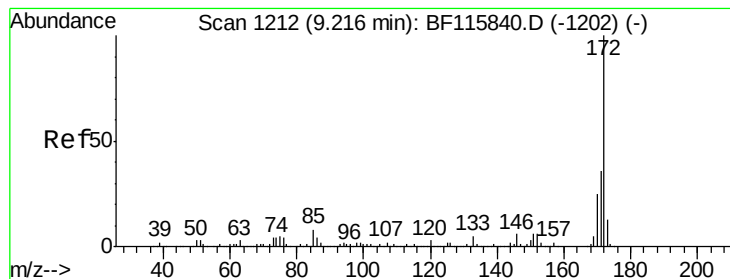
#44
 2,4,5-Trichlorophenol
 Concen: 9.781 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:196 Resp: 51252
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.1 120.1
 97 52.2 38.9 58.3
 132 28.9 22.6 33.8



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





#45

2-Fluorobiphenyl

Concen: 85.607 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

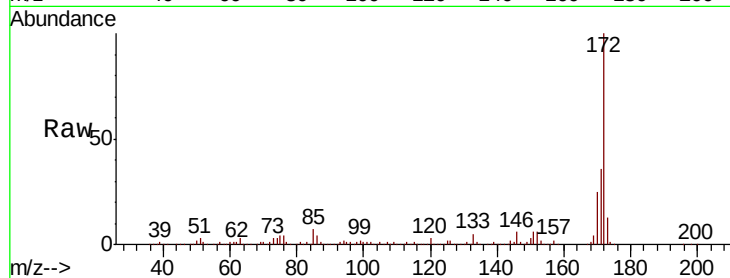
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1259036

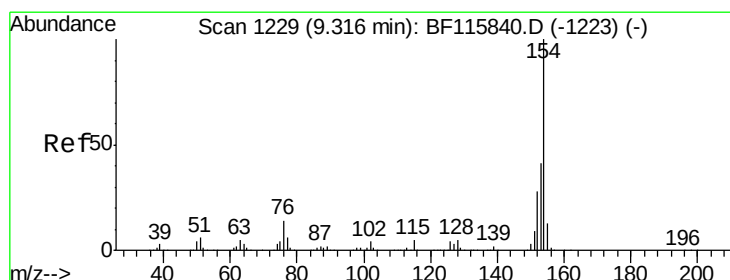
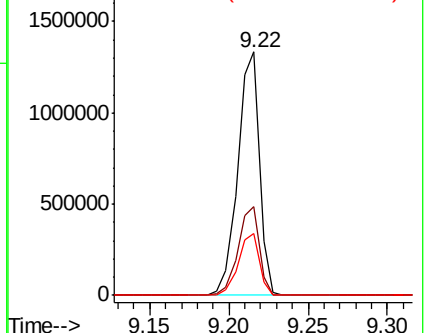
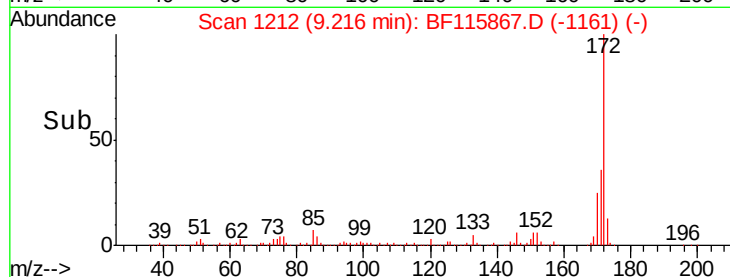
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	25.2	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 11.404 ng

RT: 9.31 min Scan# 1228

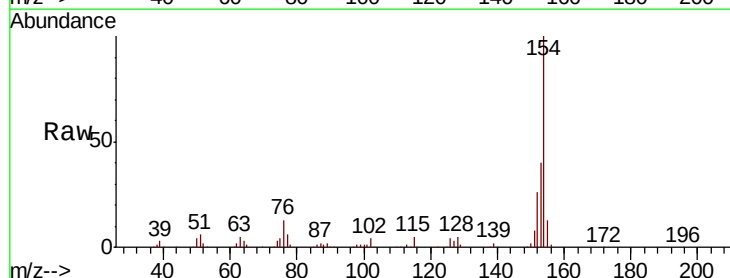
Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:154 Resp: 221788

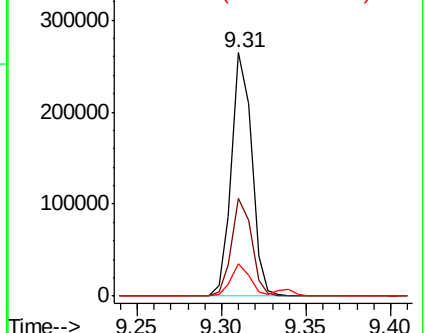
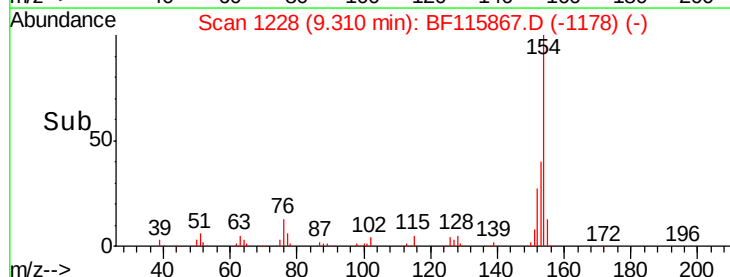
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	13.1	0.0	34.3

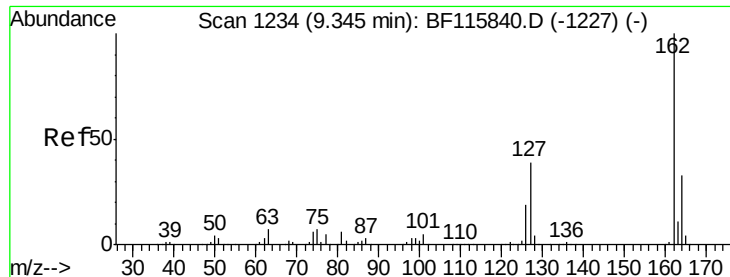


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

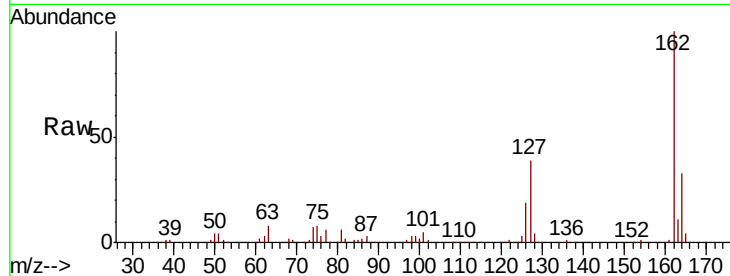




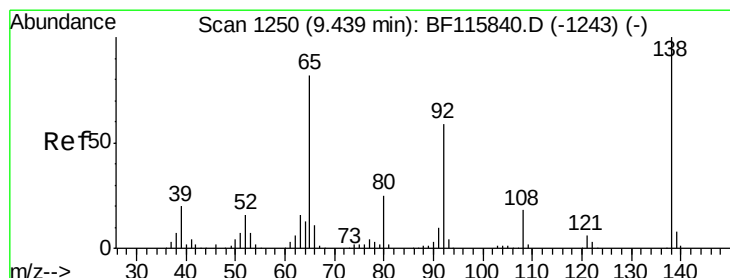
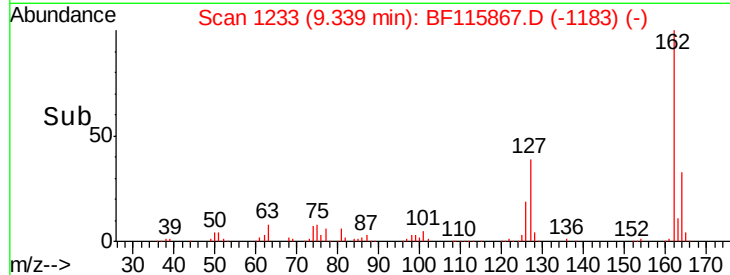
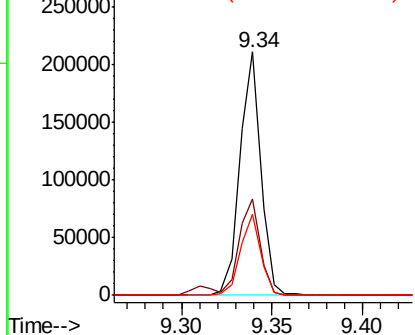
#47
 2-Chloronaphthalene
 Concen: 10.411 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 168526
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.3 46.9
 164 33.1 26.6 40.0

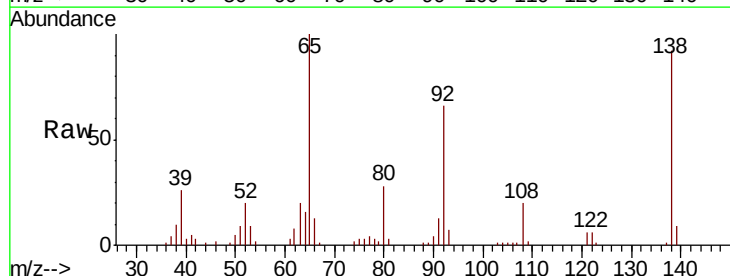


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

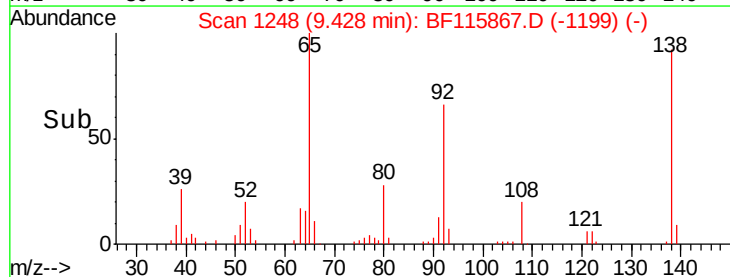
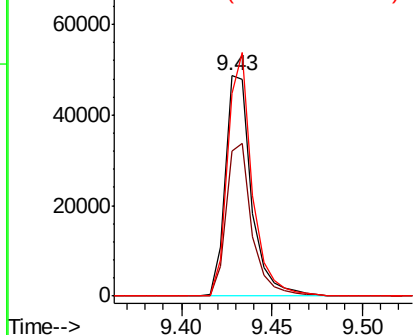


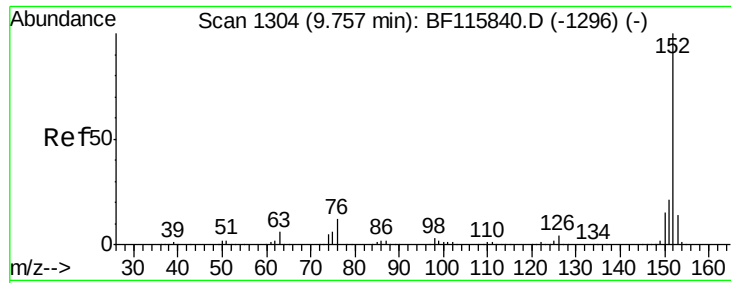
#48
 2-Nitroaniline
 Concen: 9.200 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion: 65 Resp: 49222
 Ion Ratio Lower Upper
 65 100
 92 65.9 57.1 85.7
 138 92.1 97.1 145.7#



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: 11.277 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

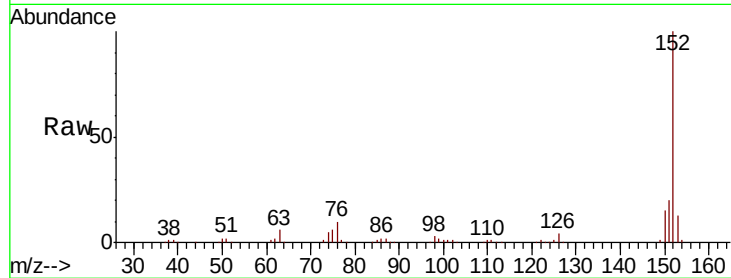
Tot Ion:152 Resp: 266306

Ion Ratio Lower Upper

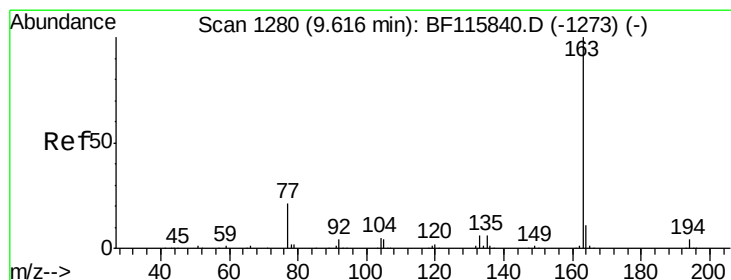
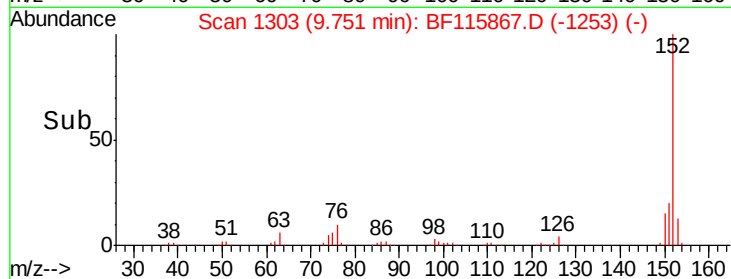
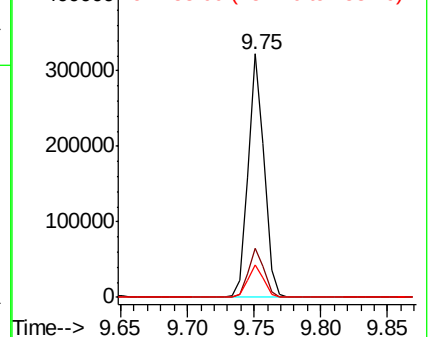
152 100

151 20.1 16.8 25.2

153 13.4 11.6 17.4



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: 9.806 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

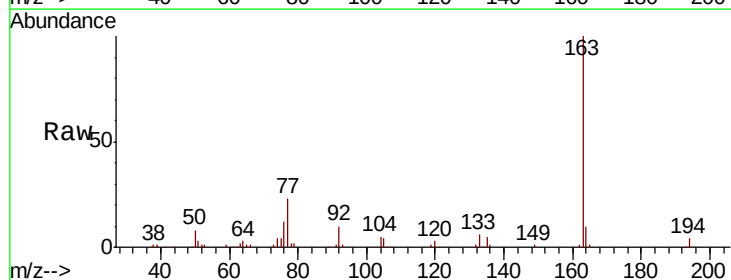
Tgt Ion:163 Resp: 183935

Ion Ratio Lower Upper

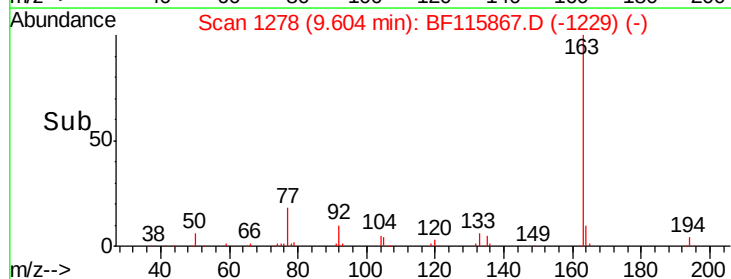
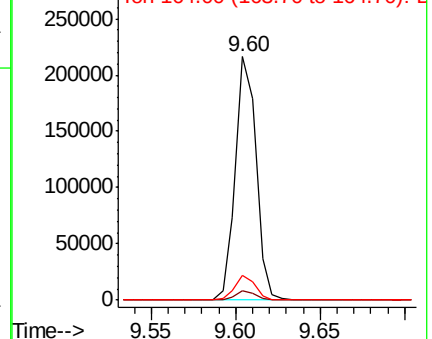
163 100

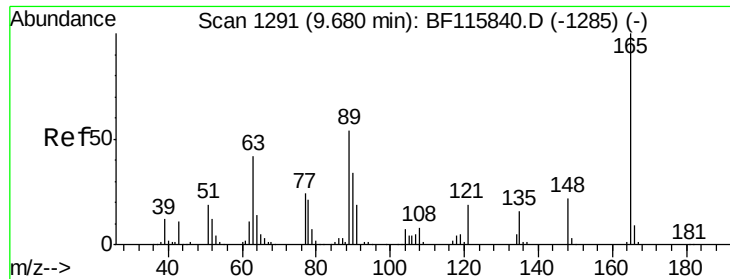
194 3.8 3.0 4.6

164 10.2 8.4 12.6



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: 9.771 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampled :

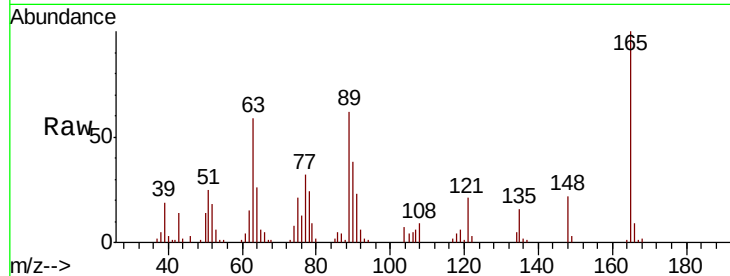
Tot Ion:165 Resp: 39828

Ion Ratio Lower Upper

165 100

63 58.6 39.4 59.2

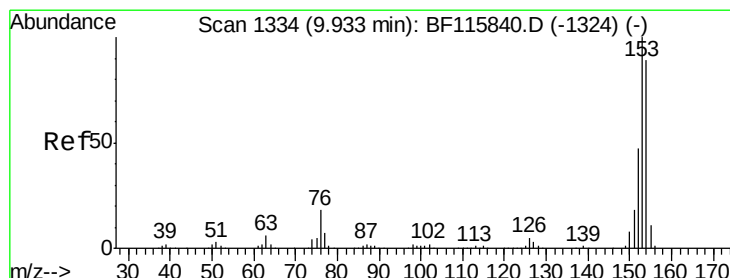
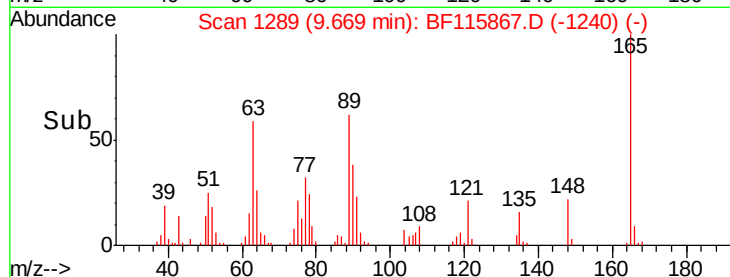
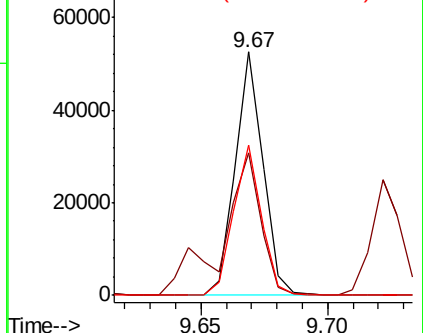
89 61.6 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.815 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

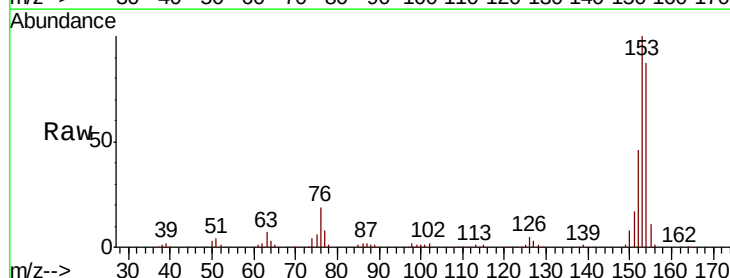
Tgt Ion:154 Resp: 156678

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

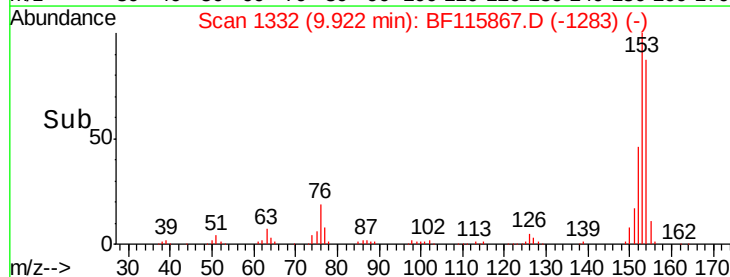
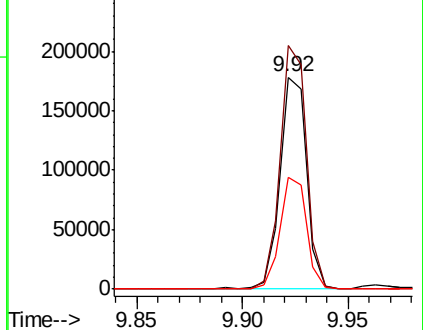
152 52.8 42.6 63.8

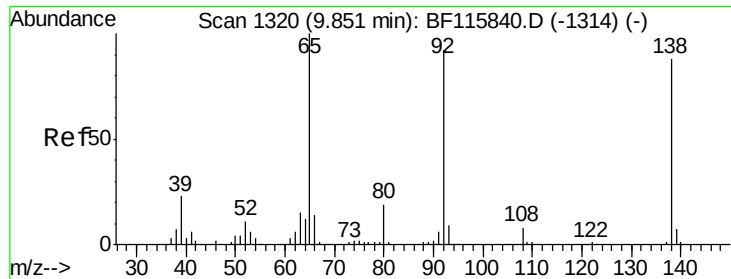


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

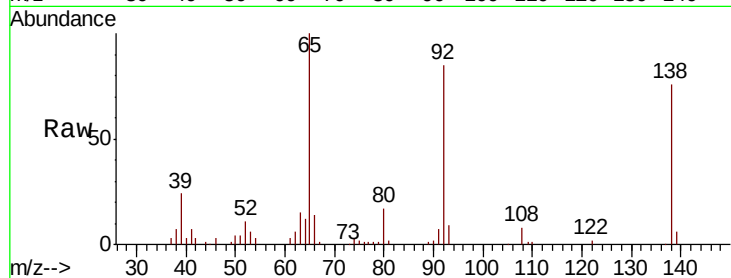




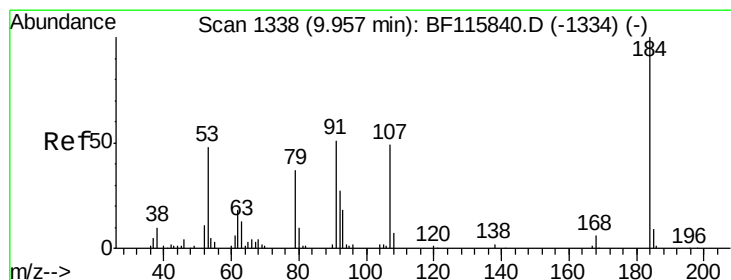
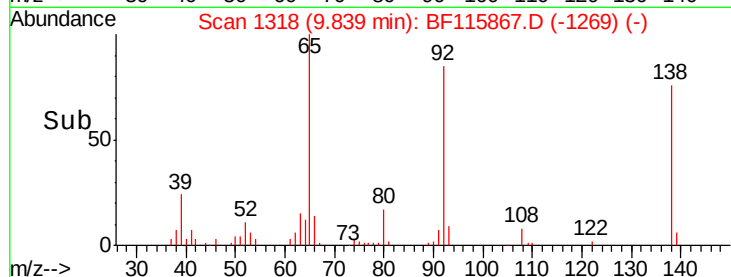
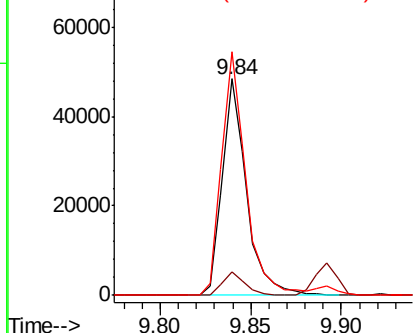
#53
3-Nitroaniline
Concen: 8.937 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 45010
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 112.4 83.9 125.9

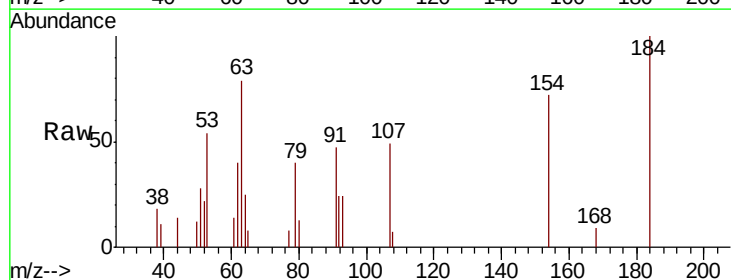


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

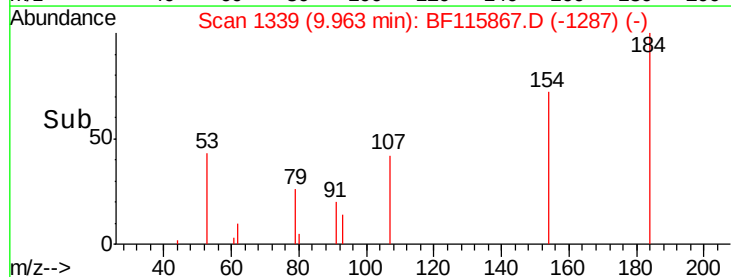
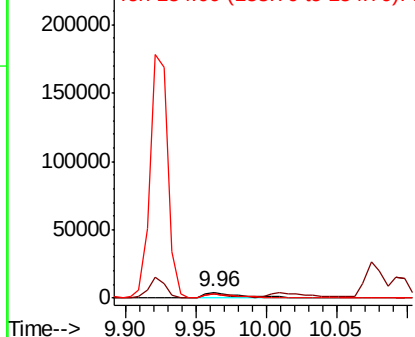


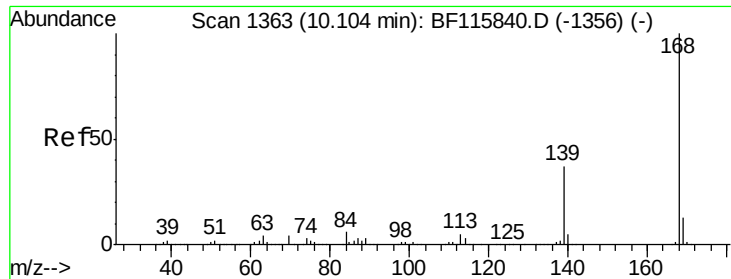
#54
2,4-Dinitrophenol
Concen: 4.422 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:184 Resp: 7654
Ion Ratio Lower Upper
184 100
63 79.5 56.7 85.1
154 71.8 51.9 77.9



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

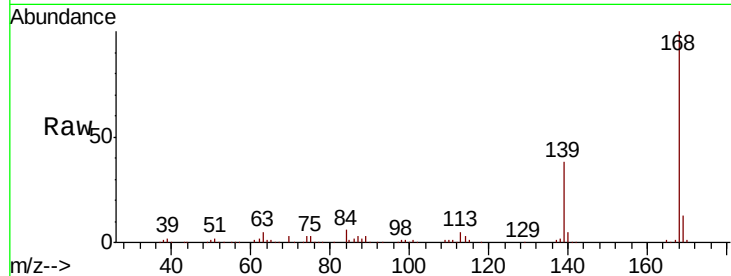




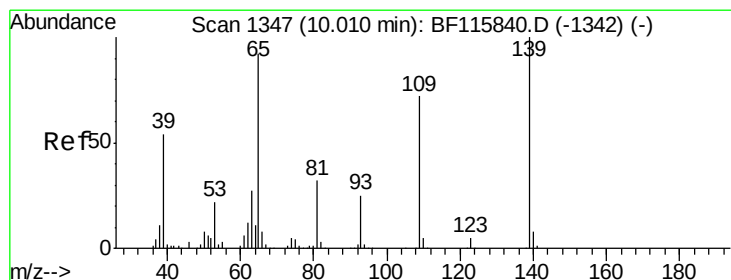
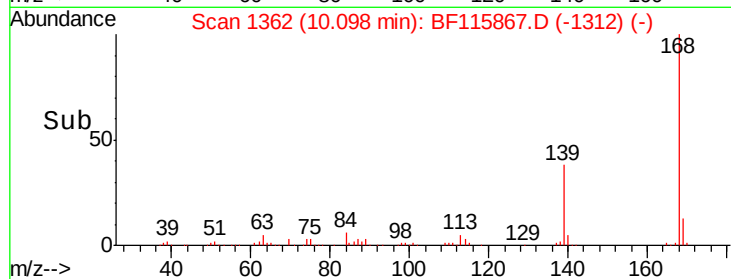
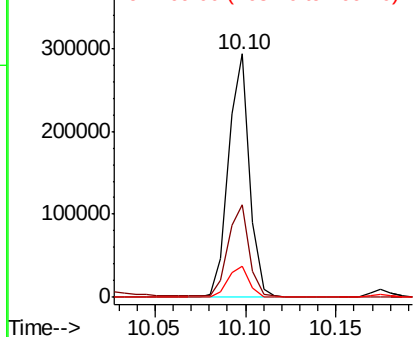
#55
Dibenzenofuran
Concen: 11.209 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 236169
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.0 10.8 16.2

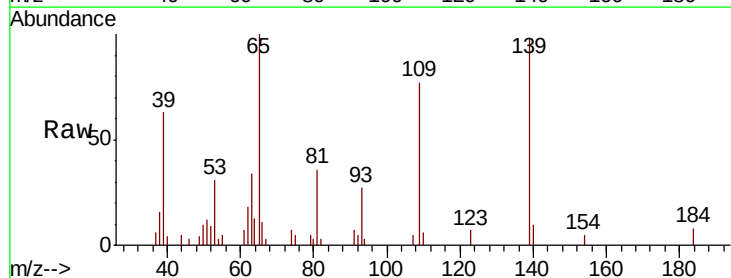


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

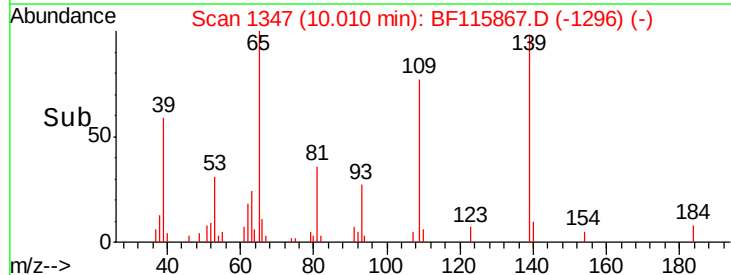
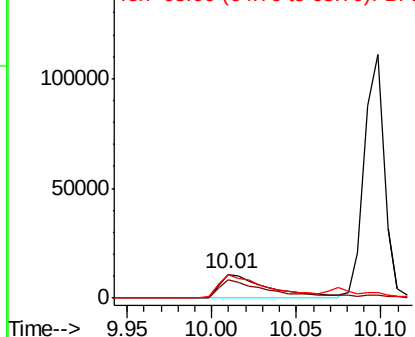


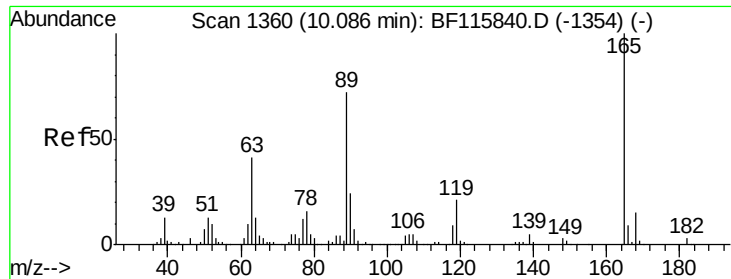
#56
4-Nitrophenol
Concen: 6.886 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:139 Resp: 22216
Ion Ratio Lower Upper
139 100
109 78.1 52.0 92.0
65 101.6 72.6 112.6



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

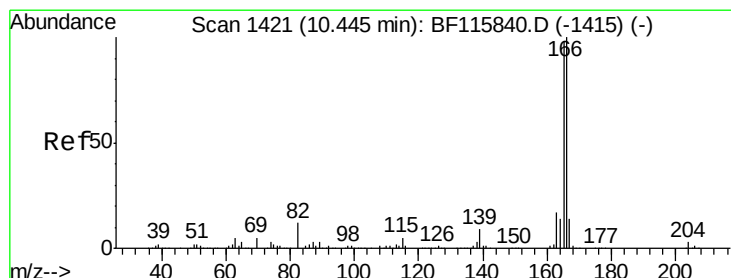
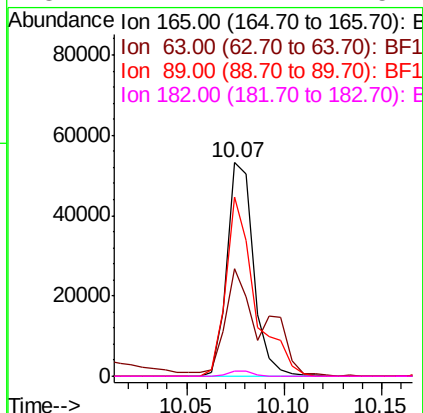
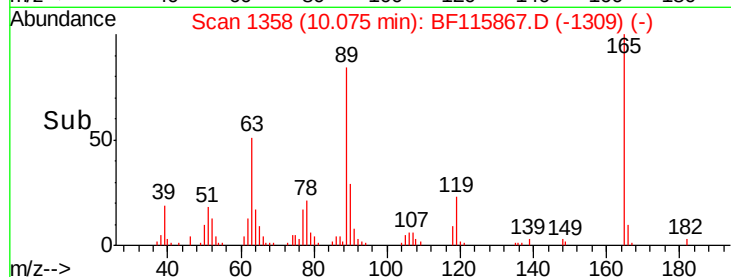
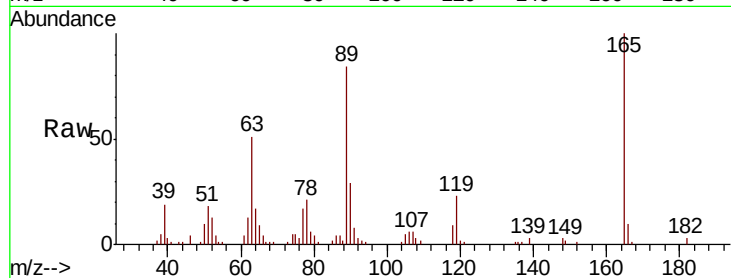




#57
 2,4-Dinitrotoluene
 Concen: 9.322 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

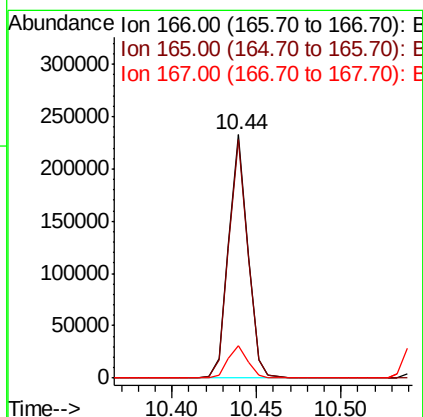
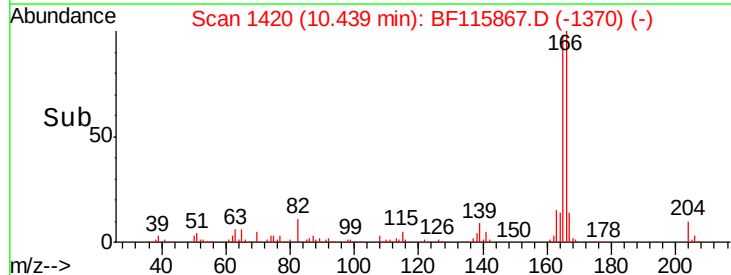
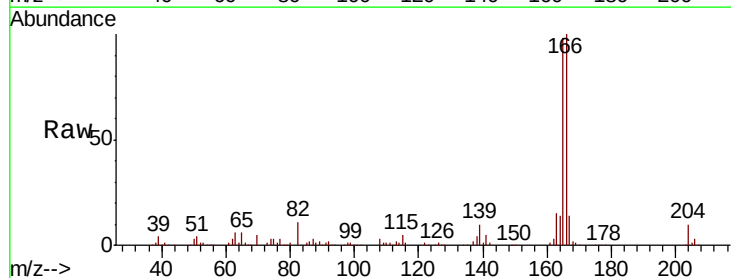
Instrument :
 BNA_F
 ClientSampleId :

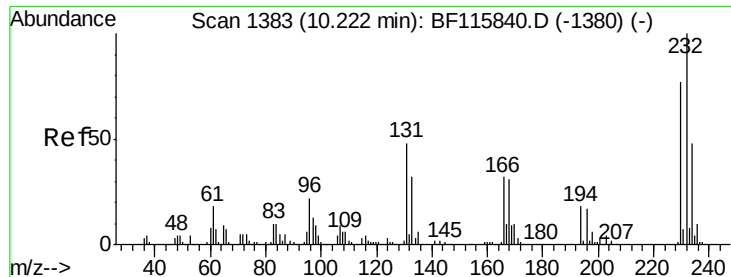
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	33.2	49.8#
89	84.1	57.3	85.9
182	2.7	2.1	3.1



#58
 Fluorene
 Concen: 11.291 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.6	10.9	16.3

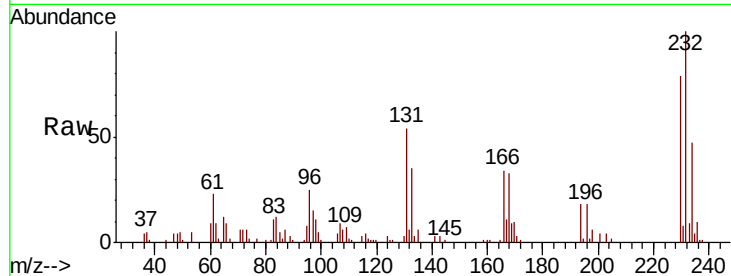




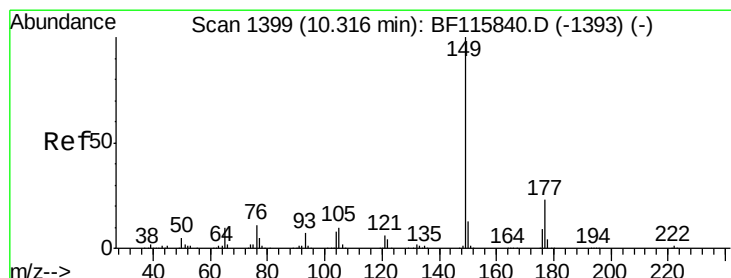
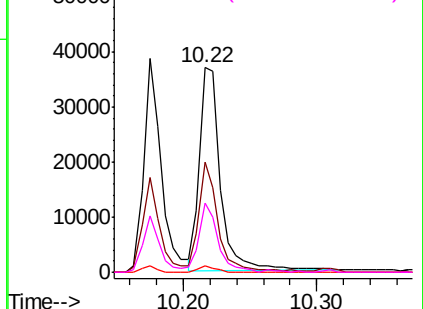
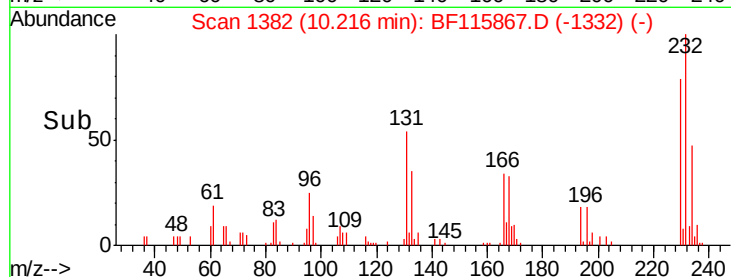
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.205 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 40582
 Ion Ratio Lower Upper
 232 100
 131 50.6 37.6 56.4
 130 2.5 1.8 2.8
 166 30.5 24.6 37.0

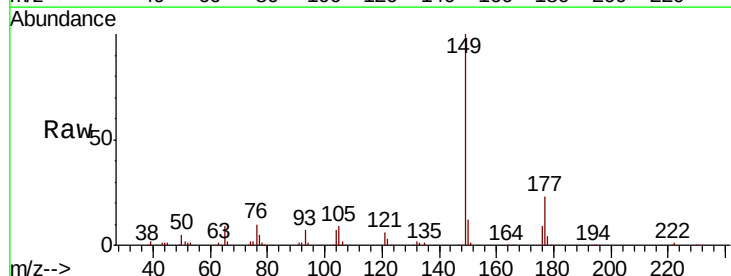


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

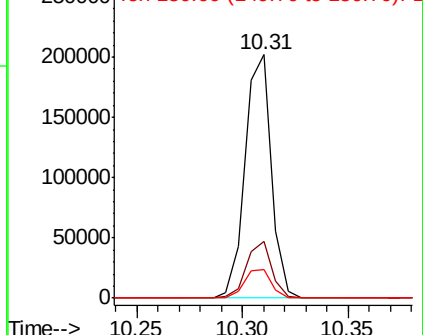
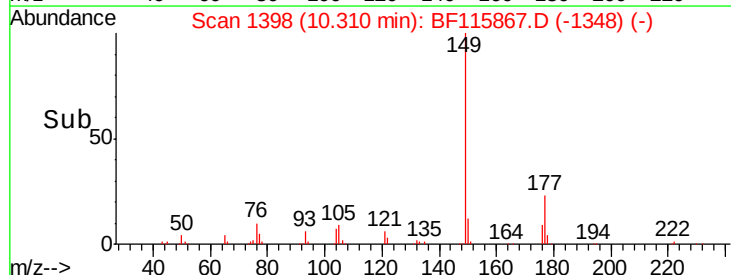


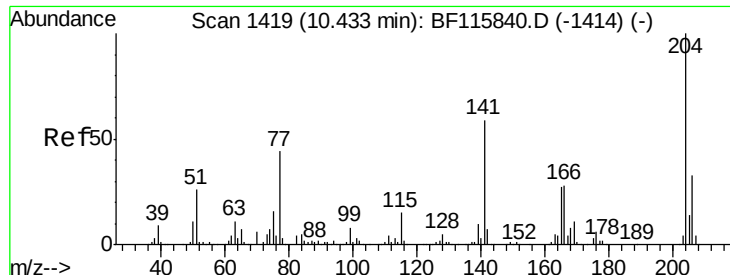
#60
 Diethylphthalate
 Concen: 9.954 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:149 Resp: 174307
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.4 27.6
 150 11.9 10.1 15.1



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

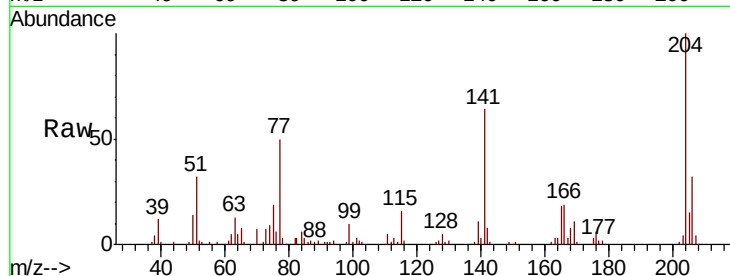




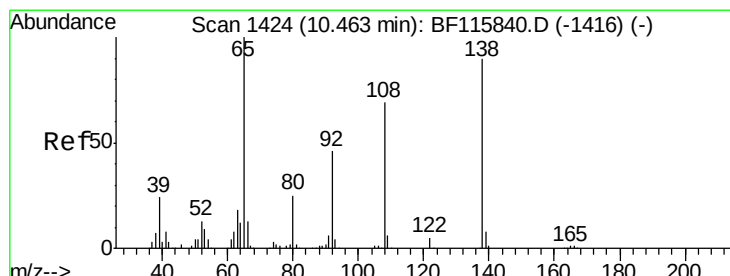
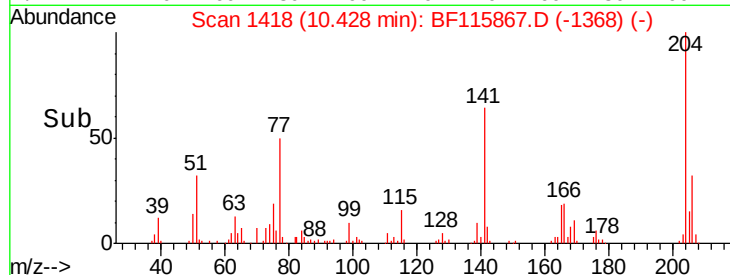
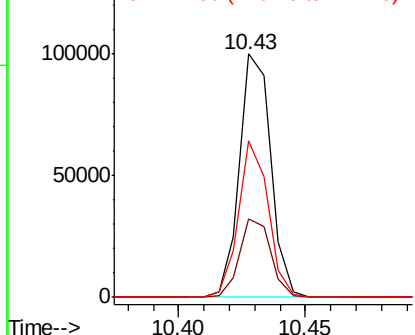
#61
 4-Chlorophenyl-phenylether
 Concen: 10.486 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 86085
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.4 39.6
 141 64.5 47.0 70.4

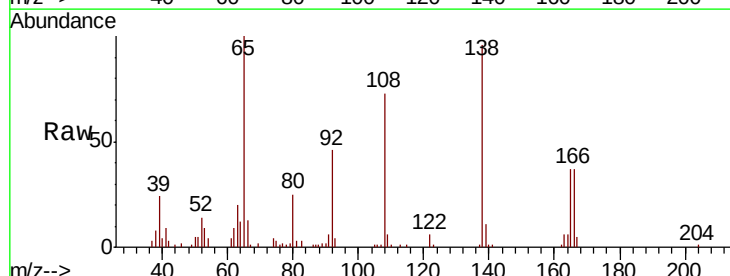


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

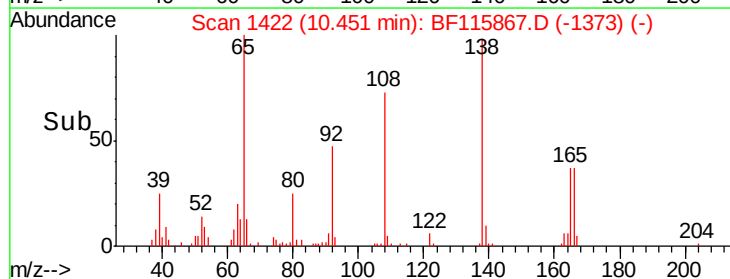
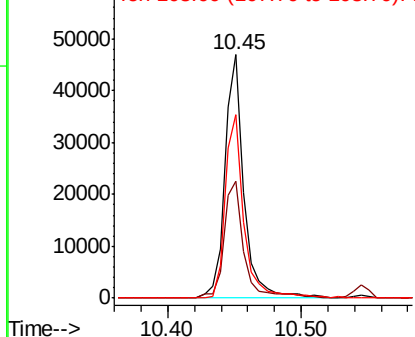


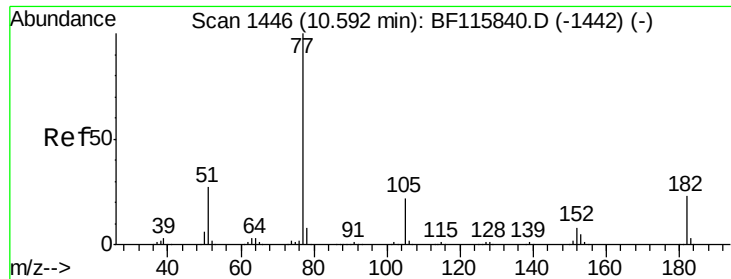
#62
 4-Nitroaniline
 Concen: 9.054 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:138 Resp: 47129
 Ion Ratio Lower Upper
 138 100
 92 47.8 31.0 71.0
 108 75.2 56.7 96.7



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

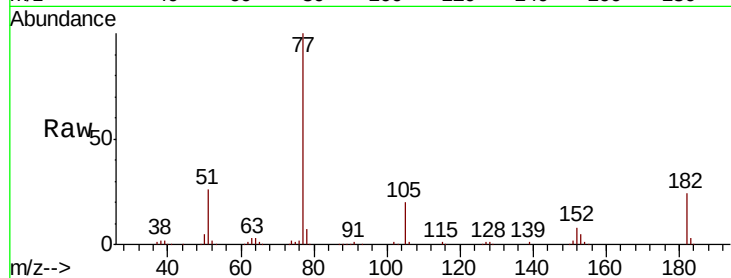




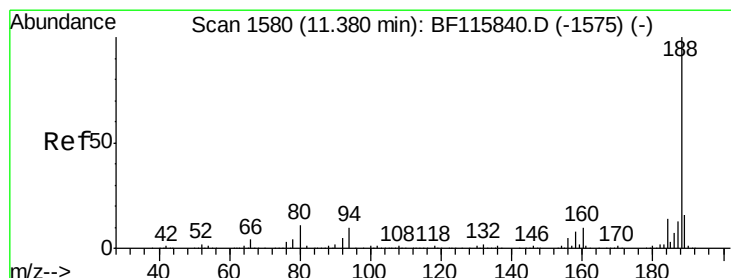
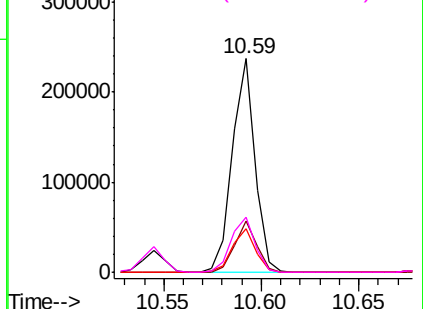
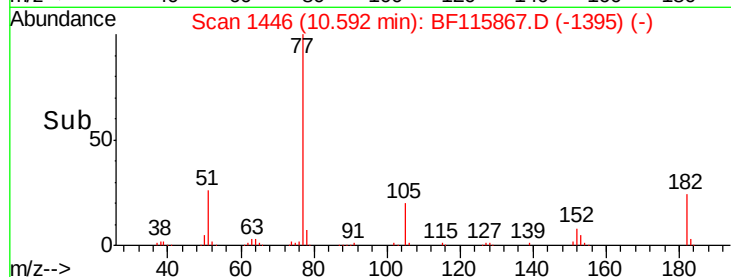
#63
Azobenzene
Concen: 10.613 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	191155
Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.6	42.6
105	20.5	1.6	41.6
51	26.0	7.4	47.4

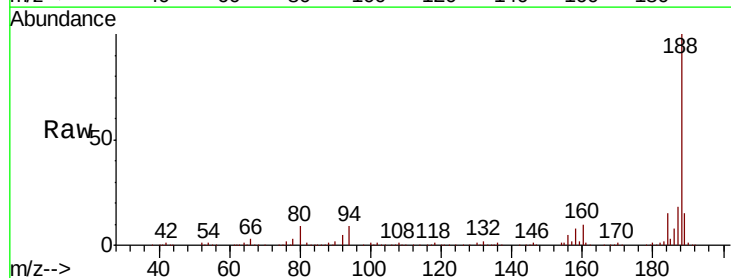


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

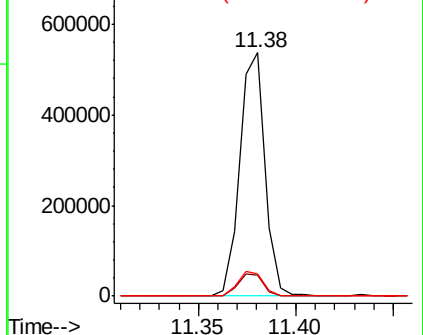
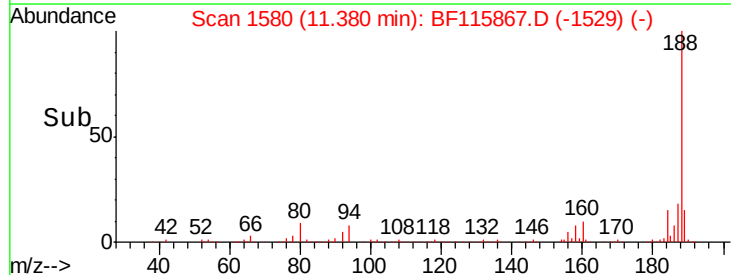


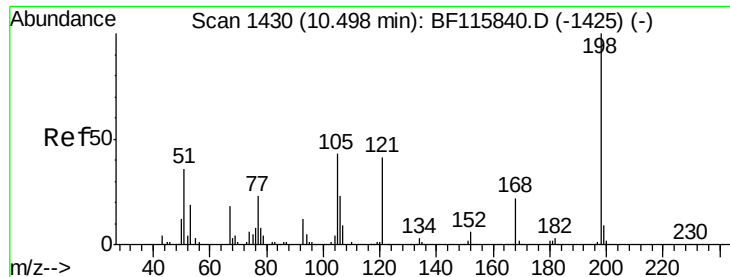
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:	188	Resp:	480570
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	9.2	8.6	12.8



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: 6.636 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

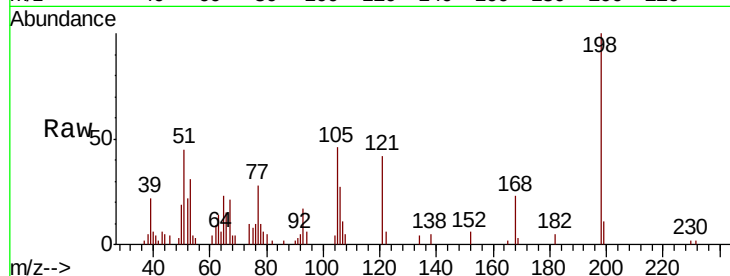
Tot Ion:198 Resp: 16899

Ion Ratio Lower Upper

198 100

51 45.4 21.1 61.1

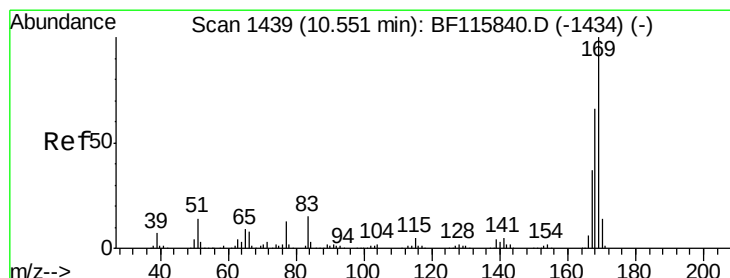
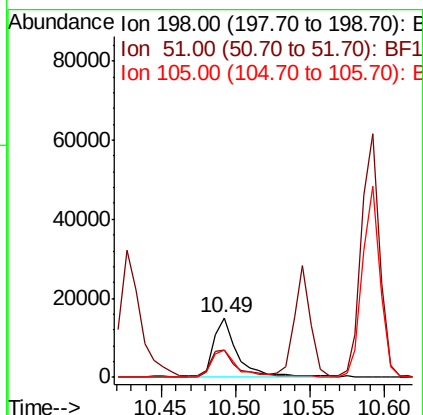
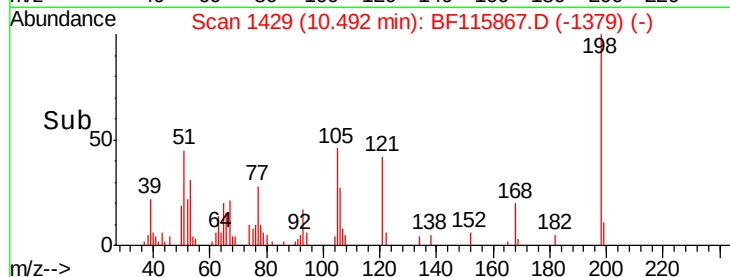
105 45.6 24.5 64.5



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: 10.637 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

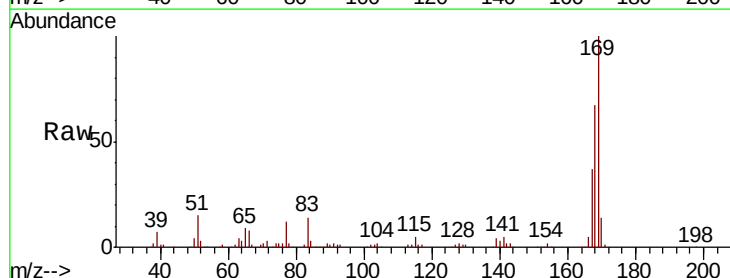
Tgt Ion:169 Resp: 153861

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

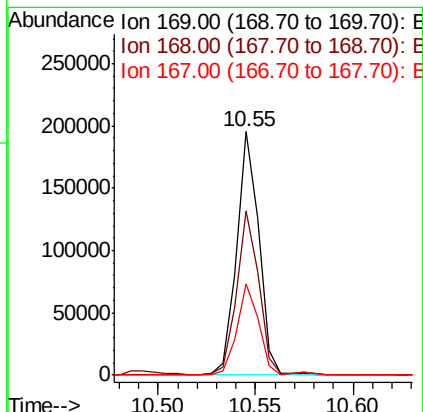
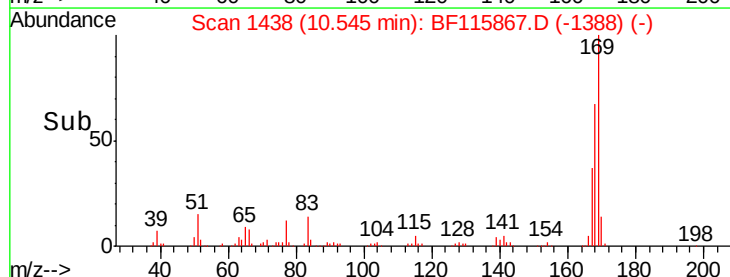
167 37.5 29.9 44.9

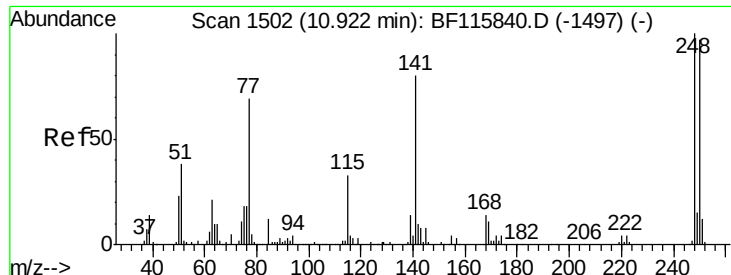


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

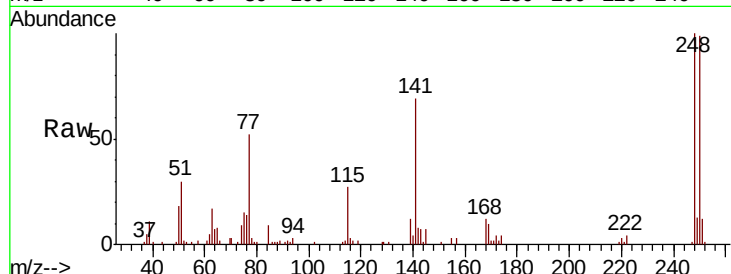




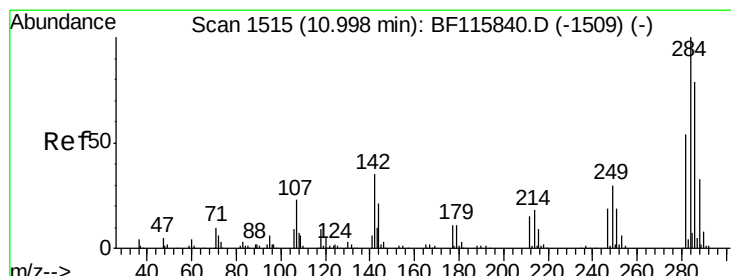
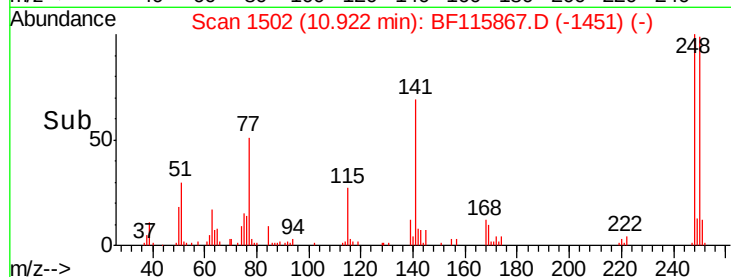
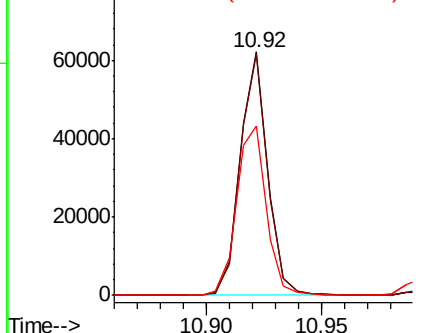
#67
 4-Bromophenyl-phenylether
 Concen: 10.014 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 51518
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.8 116.6
 141 69.3 64.3 96.5

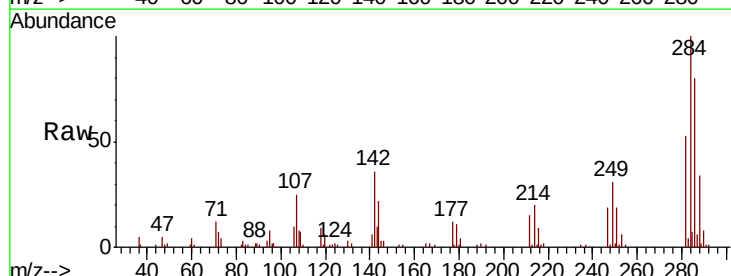


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

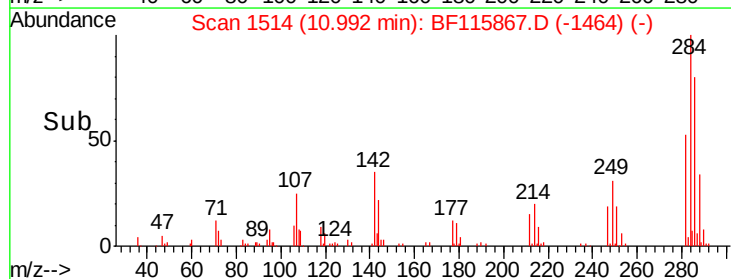
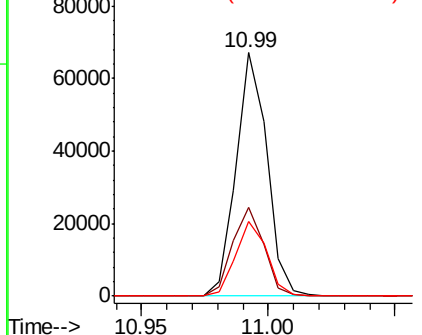


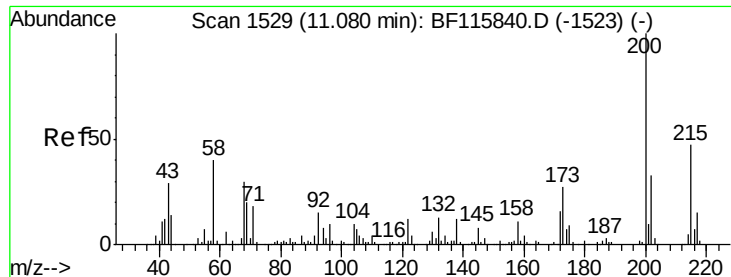
#68
 Hexachlorobenzene
 Concen: 9.532 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:284 Resp: 56704
 Ion Ratio Lower Upper
 284 100
 142 36.4 28.2 42.2
 249 30.6 24.0 36.0



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

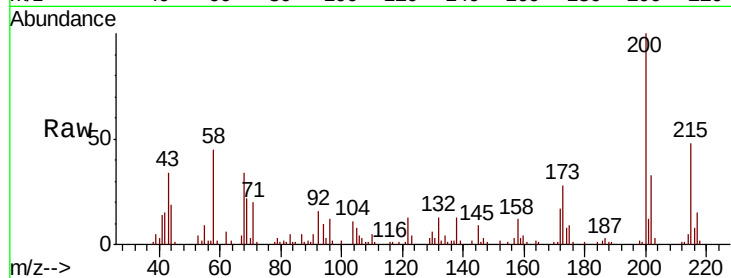




#69
 Atrazine
 Concen: 9.441 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.3	47.3
215	47.9	26.9	66.9

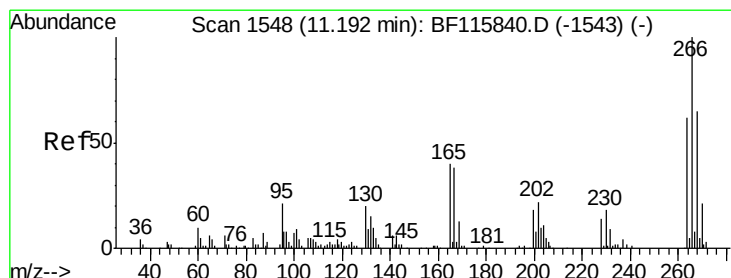
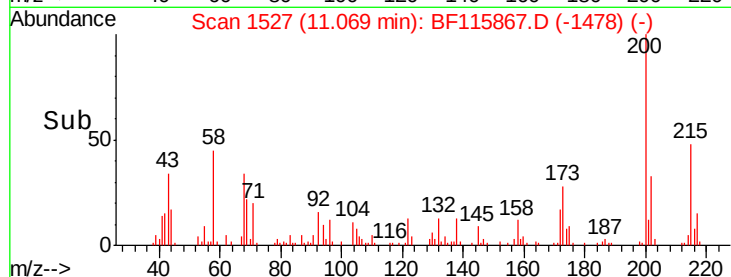
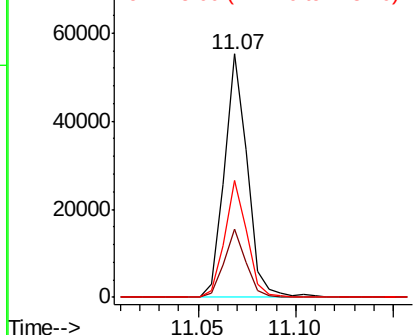


Abundance

Ion 200.00 (199.70 to 200.70): E

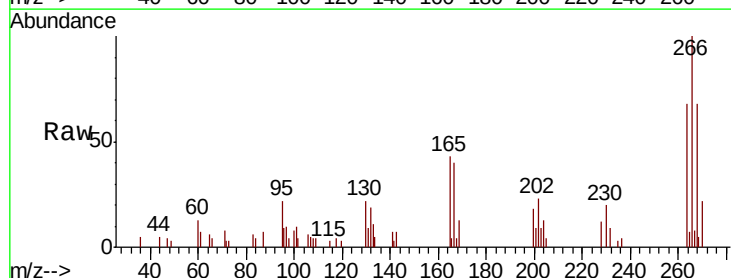
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 6.211 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.4	51.6	77.4
264	74.6	49.4	74.0

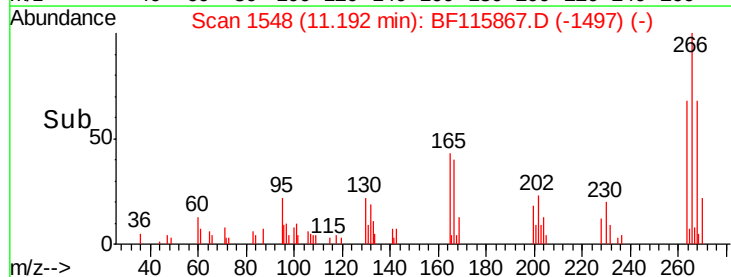
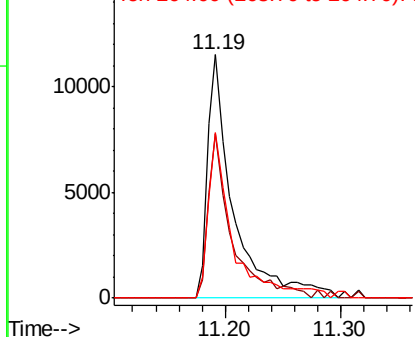


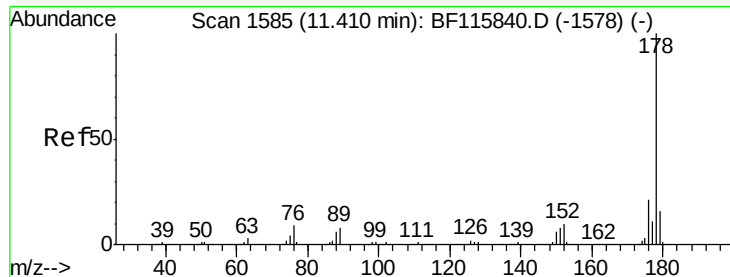
Abundance

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: 10.957 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

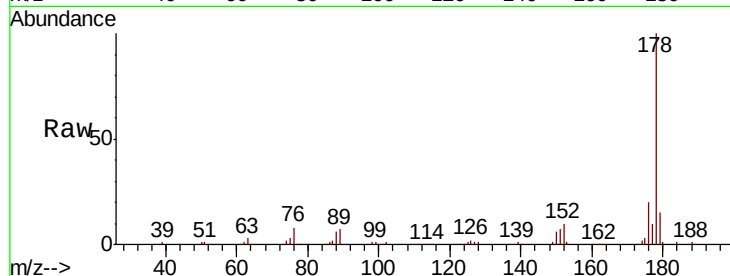
Tot Ion:178 Resp: 269201

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

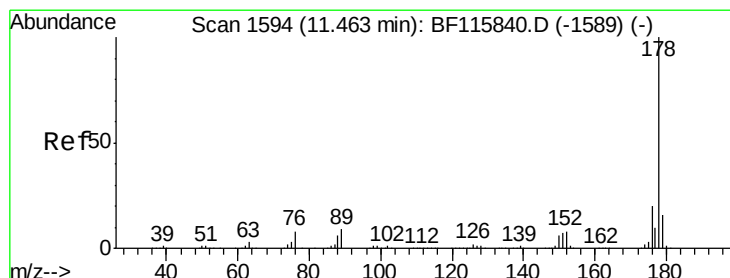
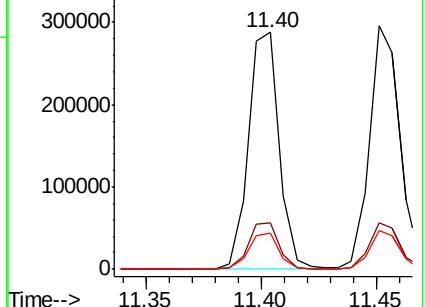
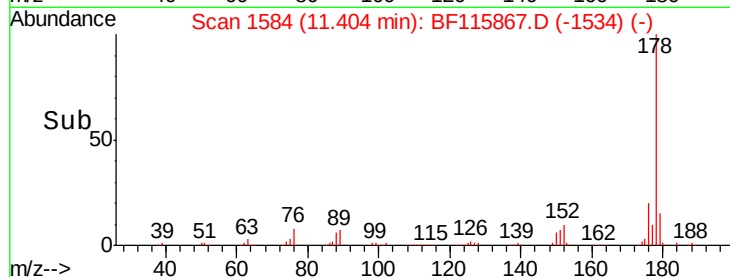
179 15.2 12.6 18.8



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: 11.055 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

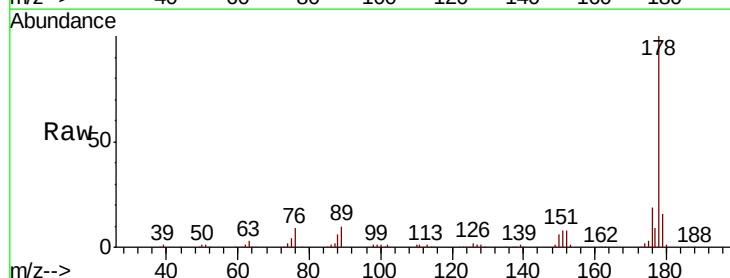
Tgt Ion:178 Resp: 274859

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

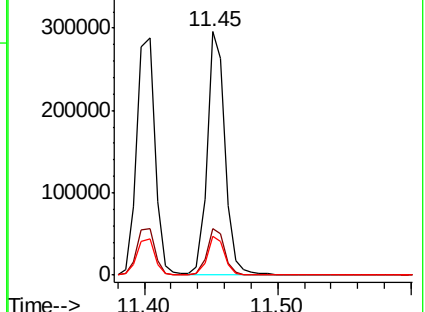
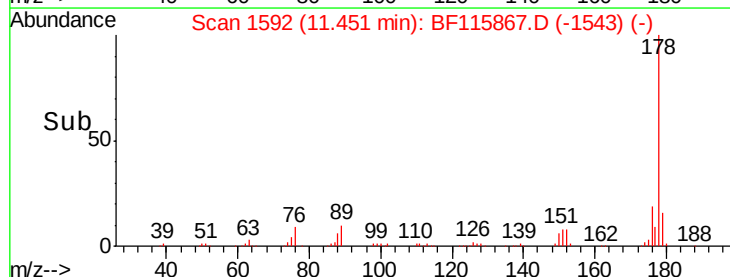
179 15.8 12.4 18.6

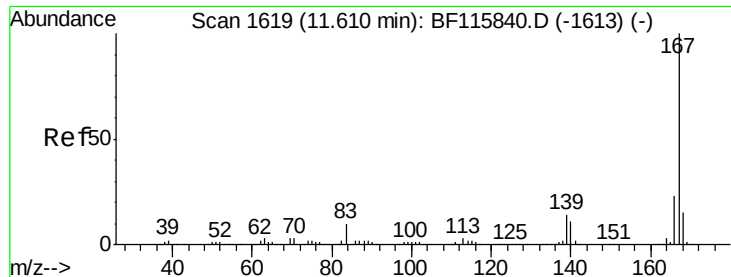


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

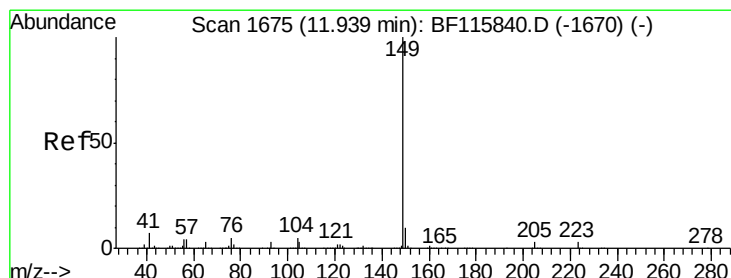
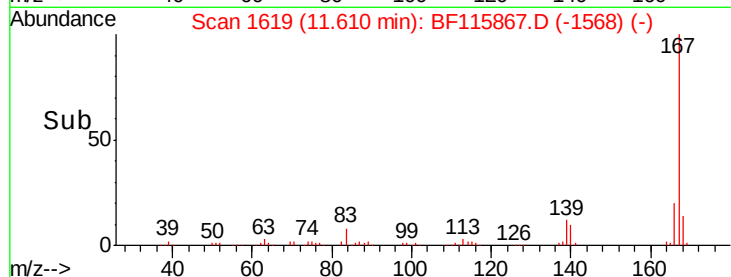
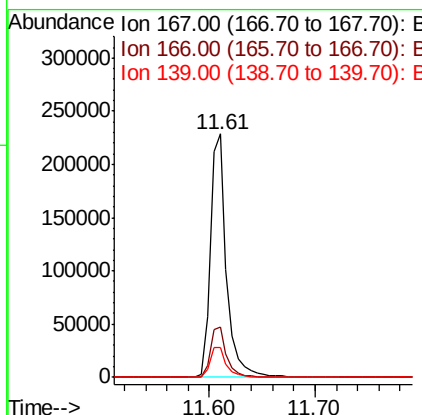
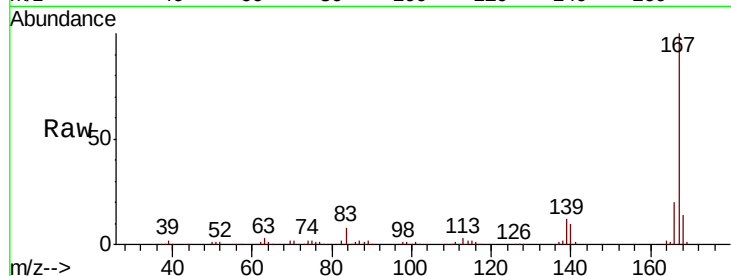




#73
 Carbazole
 Concen: 10.805 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

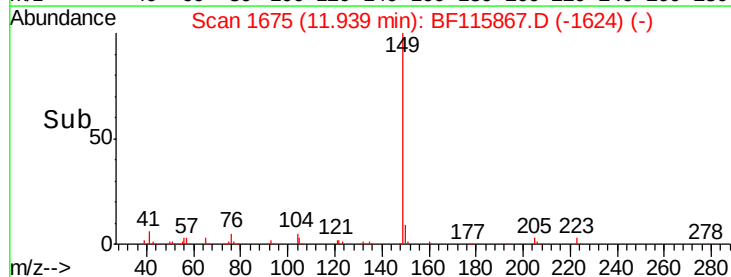
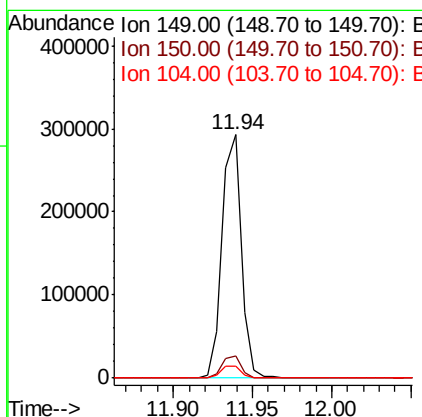
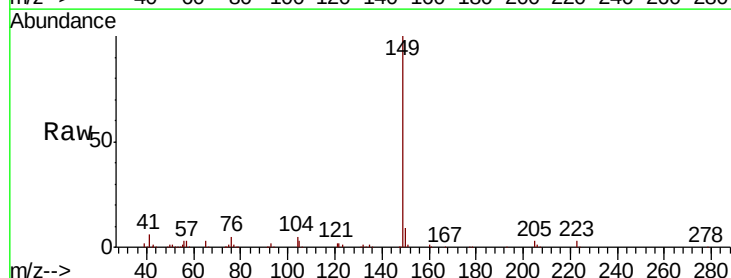
Instrument :
 BNA_F
 ClientSampleId :

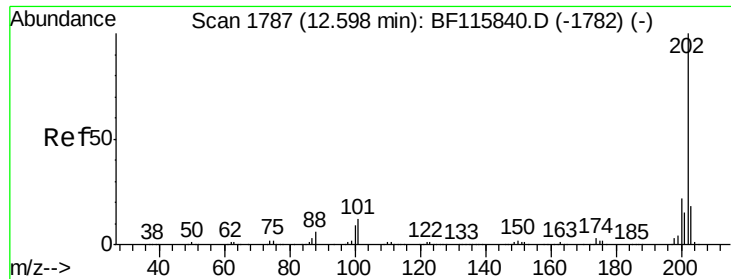
Tot Ion:167 Resp: 243743
 Ion Ratio Lower Upper
 167 100
 166 20.5 18.0 27.0
 139 12.5 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 9.412 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:149 Resp: 247670
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.9 4.3 6.5

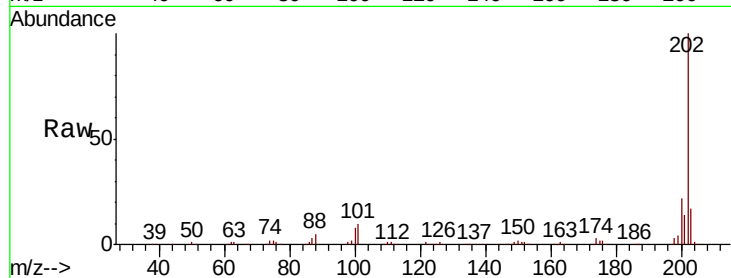




#75
 Fluoranthene
 Concen: 10.602 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.5
203	17.2	0.0	37.9

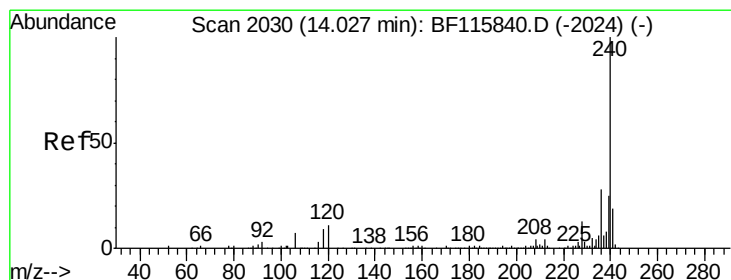
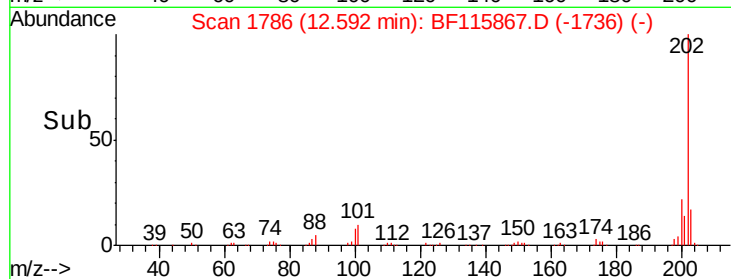
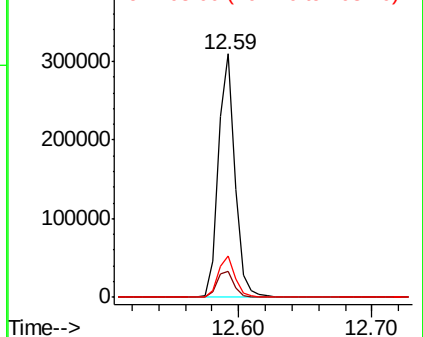


Abundance

Ion 202.00 (201.70 to 202.70): E

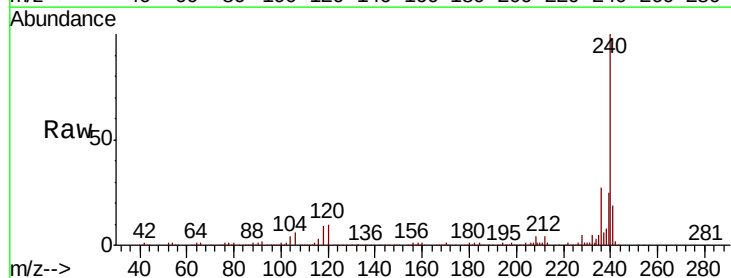
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.5	12.7
236	27.1	22.2	33.2

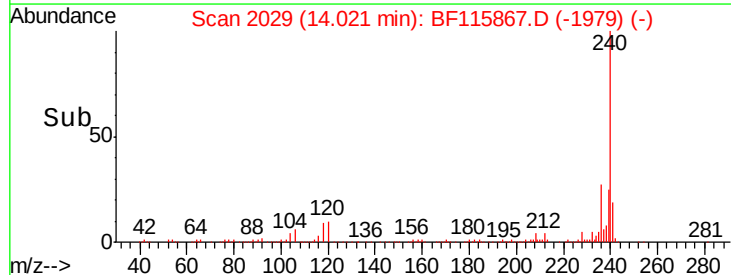
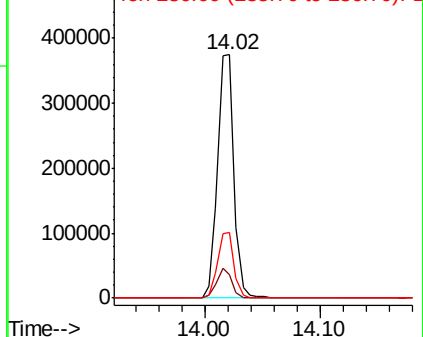


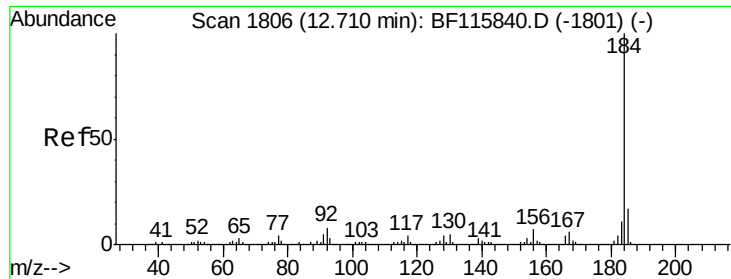
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.093 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

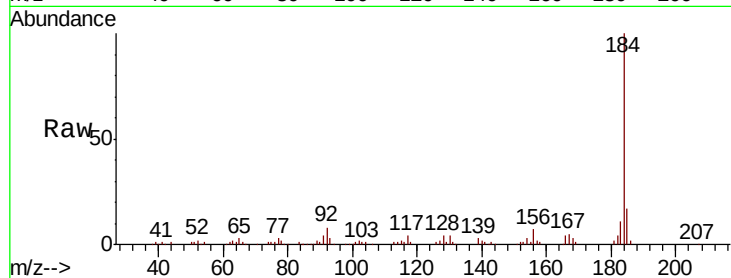
Tot Ion:184 Resp: 125874

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.2

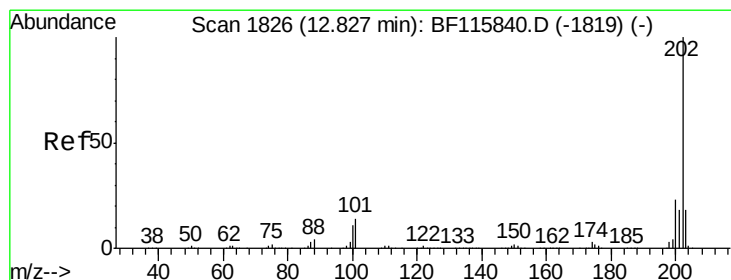
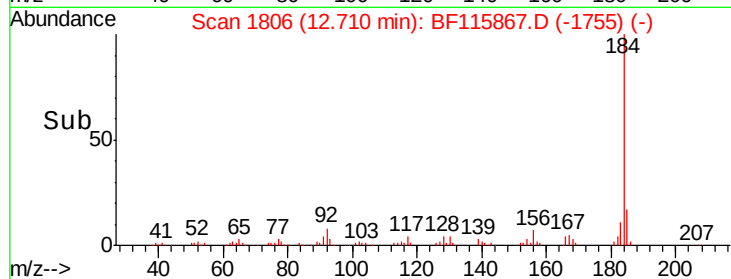
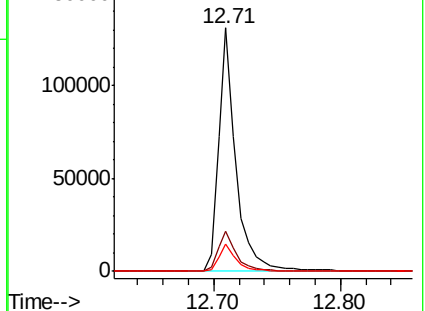
183 11.4 9.1 13.7



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: 10.187 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

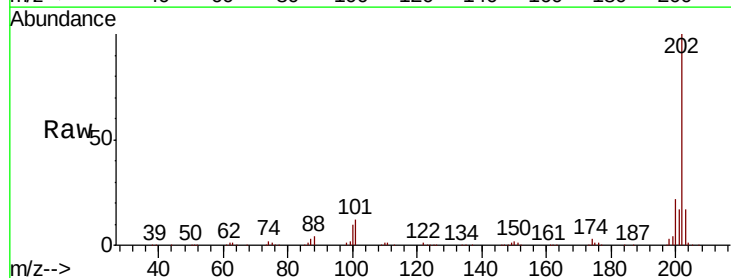
Tgt Ion:202 Resp: 283459

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

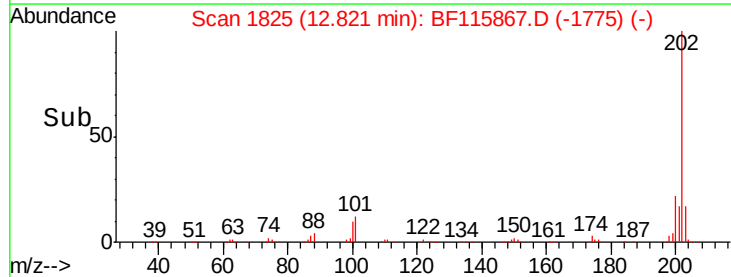
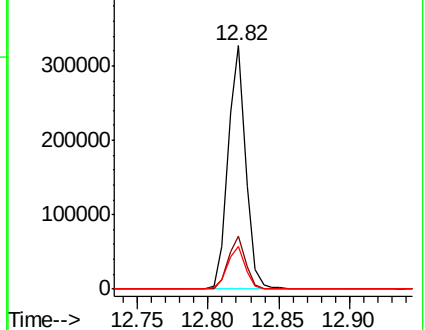
203 17.4 14.3 21.5

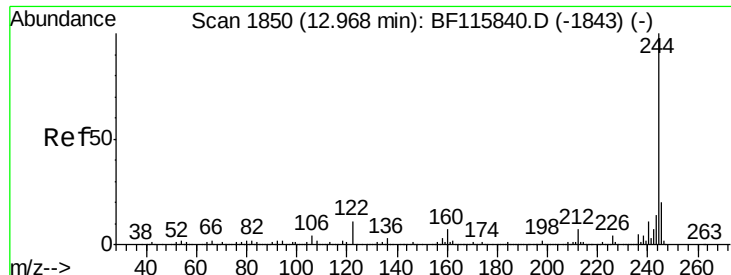


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



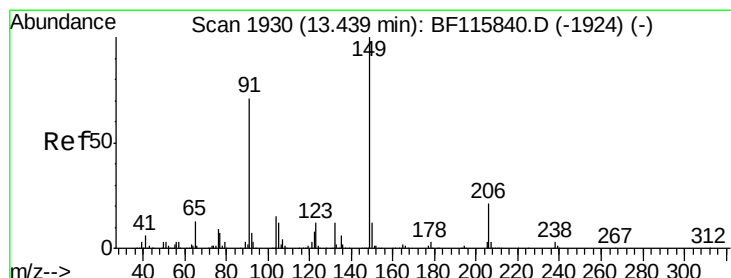
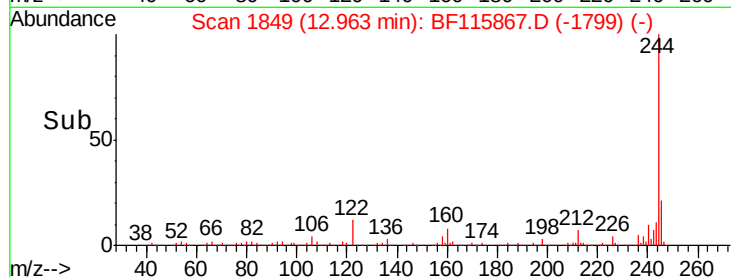
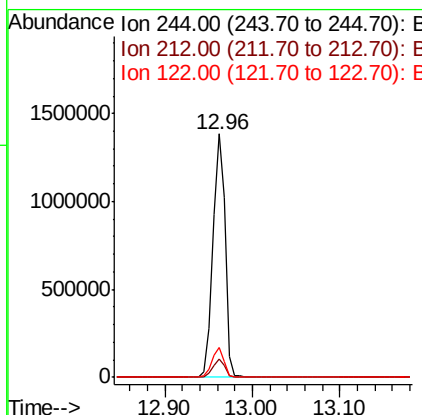
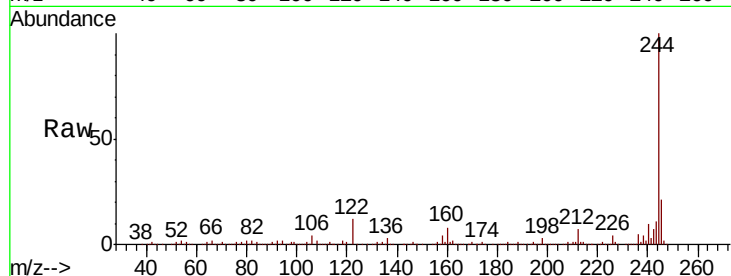


#79
 Terphenyl-d14
 Concen: 76.821 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1345757

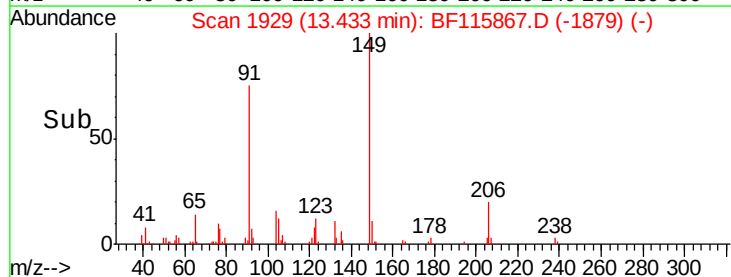
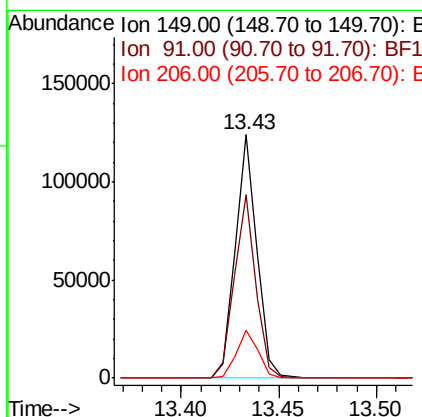
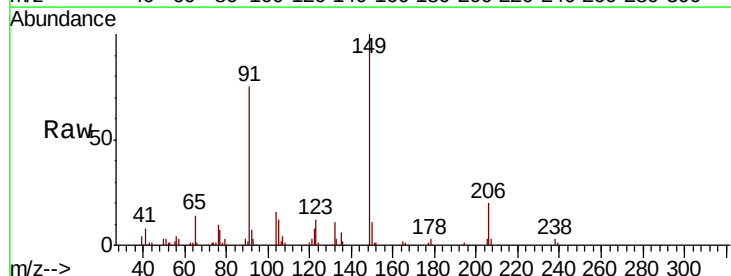
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	12.2	8.6	13.0

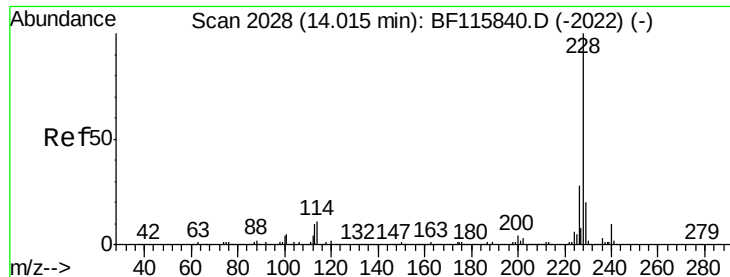


#80
 Butylbenzylphthalate
 Concen: 8.053 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:149 Resp: 94789

Ion	Ratio	Lower	Upper
149	100		
91	75.4	57.0	85.6
206	19.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 9.839 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

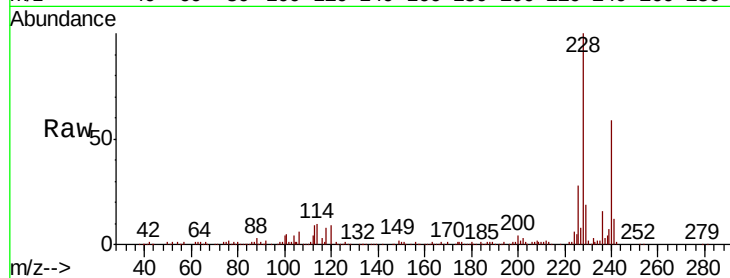
Tot Ion:228 Resp: 232146

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

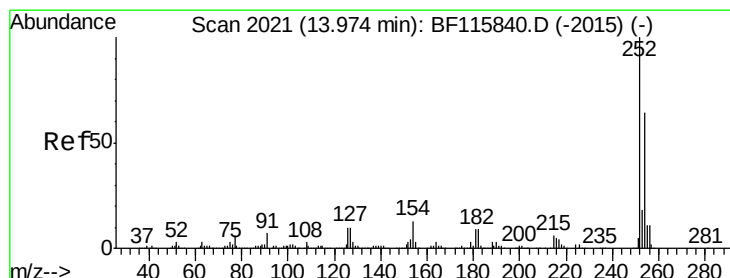
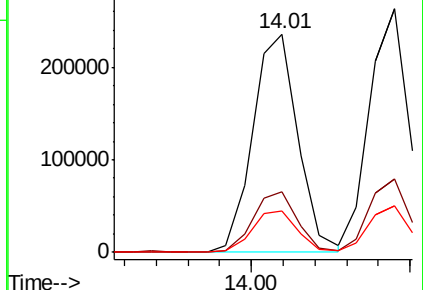
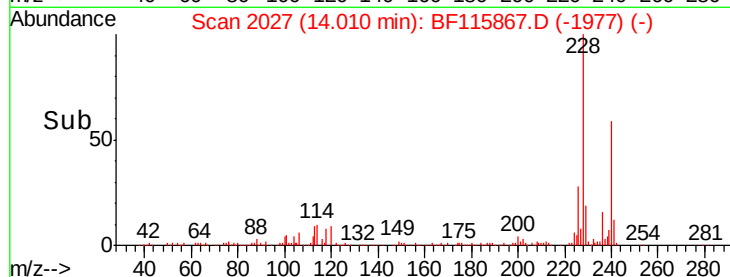
229 19.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.756 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

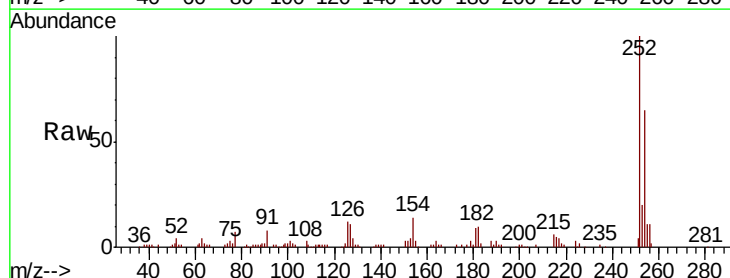
Tgt Ion:252 Resp: 79966

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

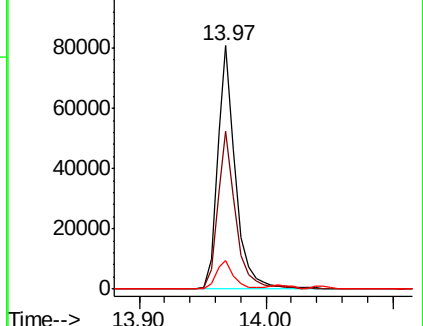
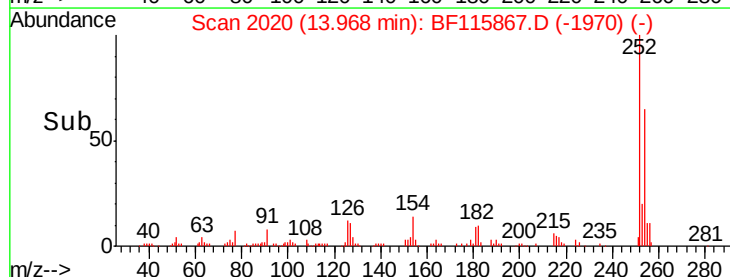
126 11.8 8.1 12.1

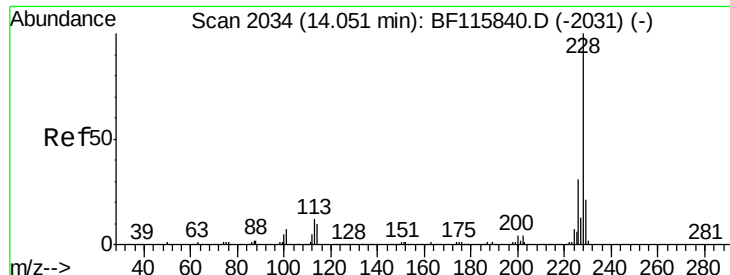


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

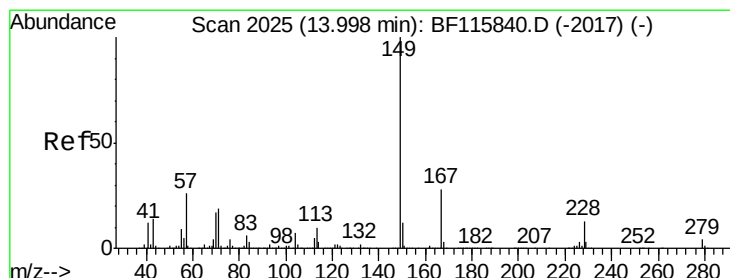
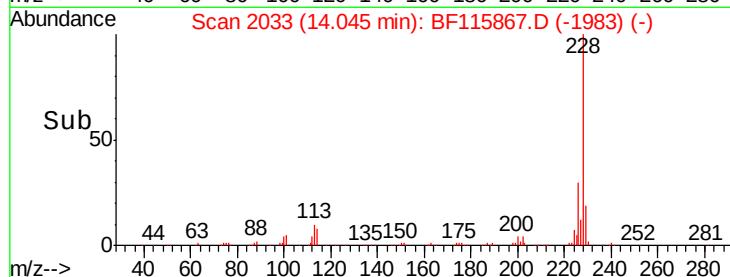
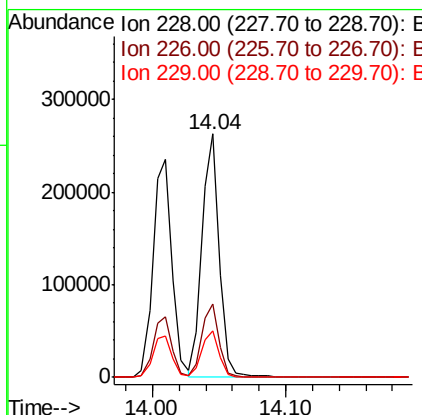
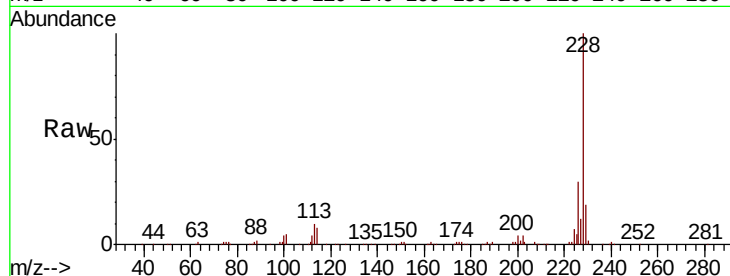




#83
 Chrysene
 Concen: 10.214 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

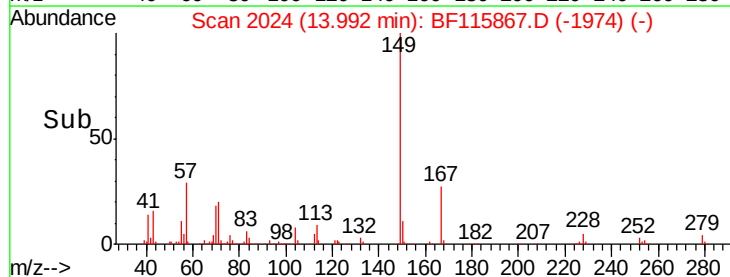
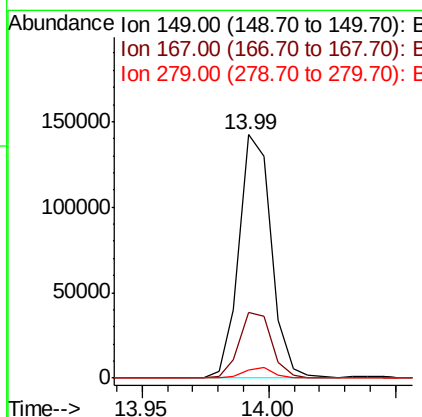
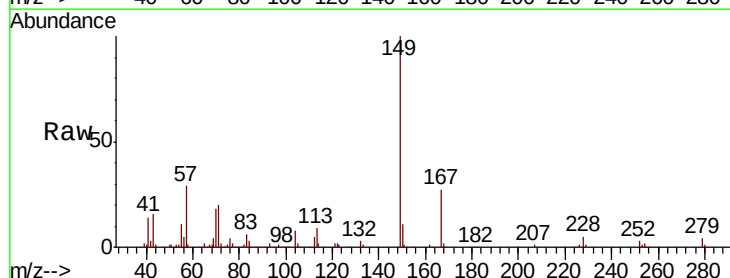
Instrument :
 BNA_F
 ClientSampleId :

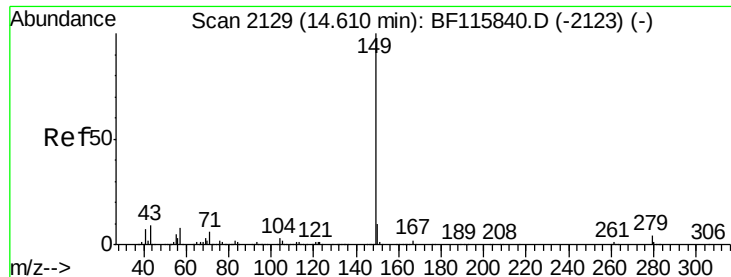
Tot Ion:228 Resp: 233961
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.3 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.264 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:149 Resp: 126406
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 7.776 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115867.D

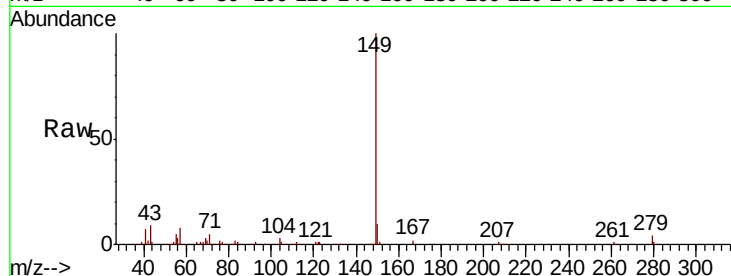
Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	188907
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.4	11.0

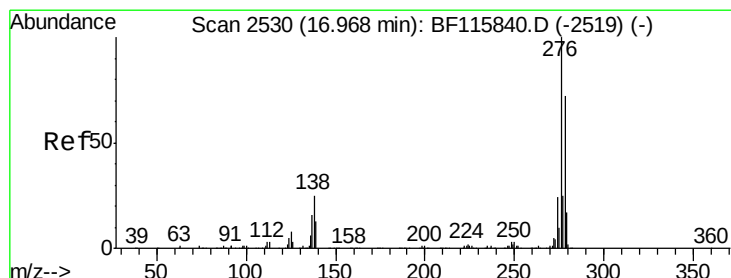
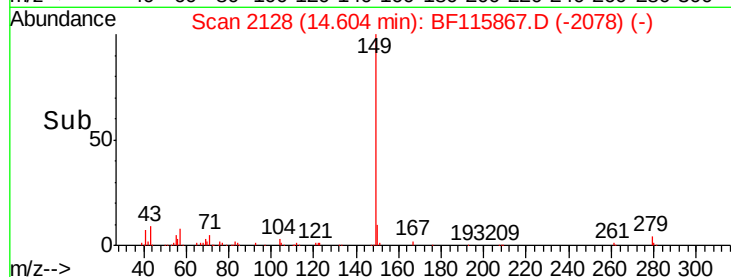
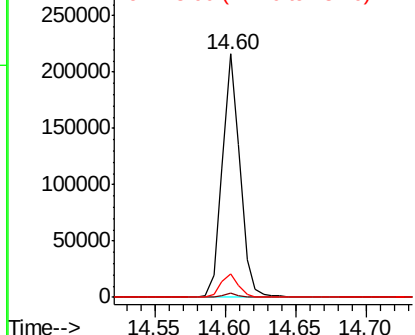


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.706 ng

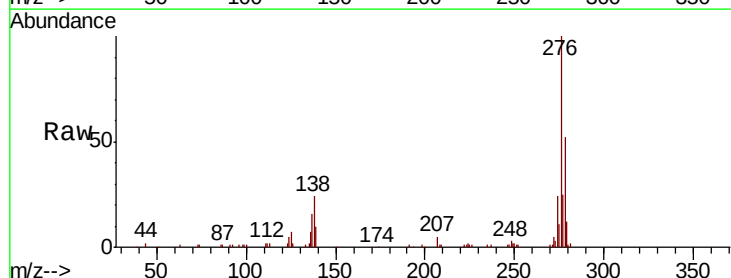
RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	276	Resp:	167484
Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	24.6	20.1	30.1

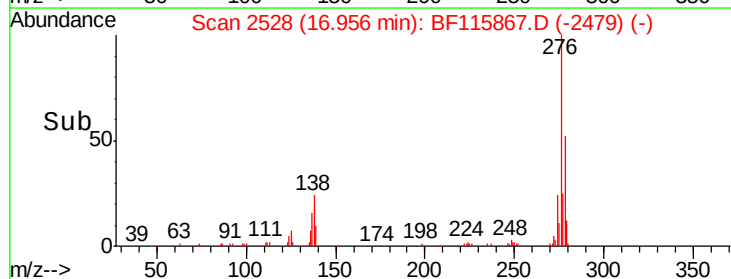
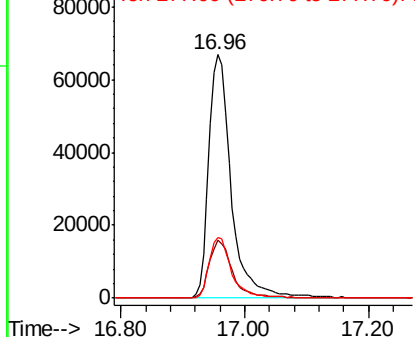


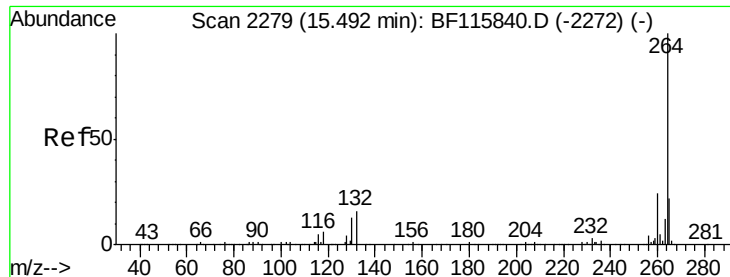
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

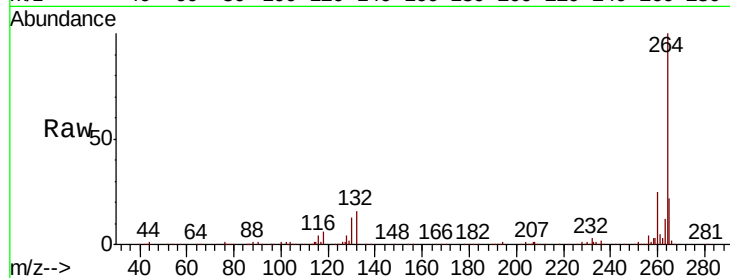
Tot Ion:264 Resp: 341556

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

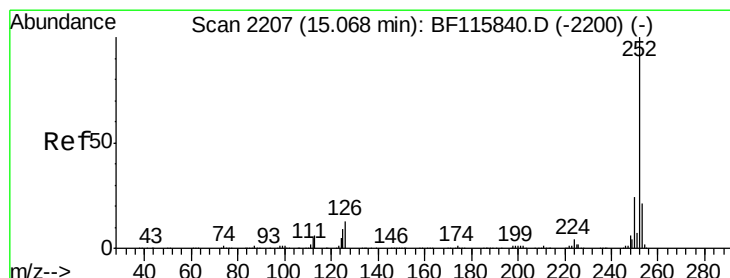
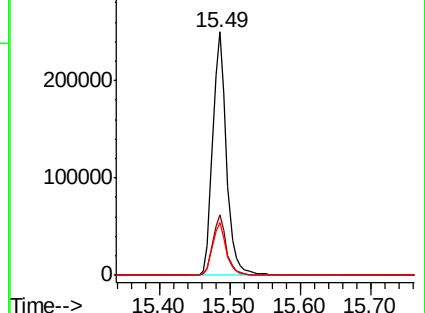
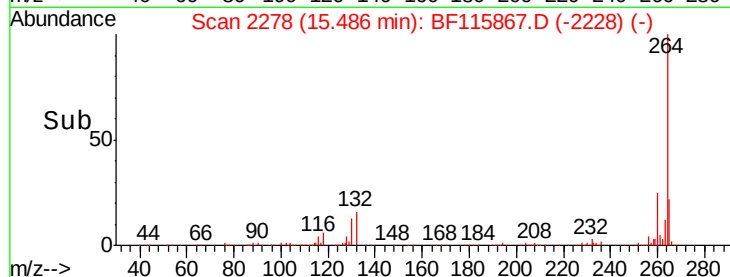
265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.391 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

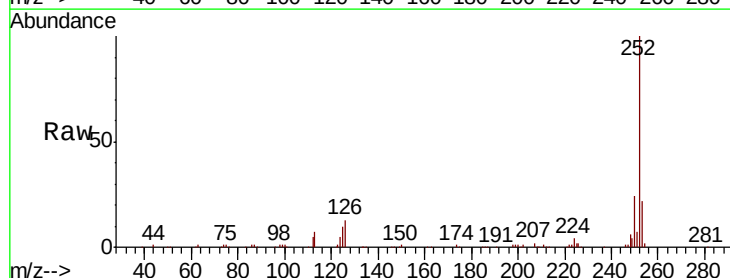
Tgt Ion:252 Resp: 185467

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

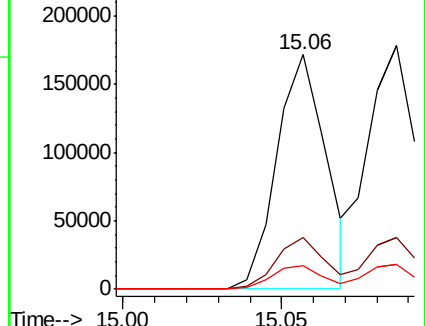
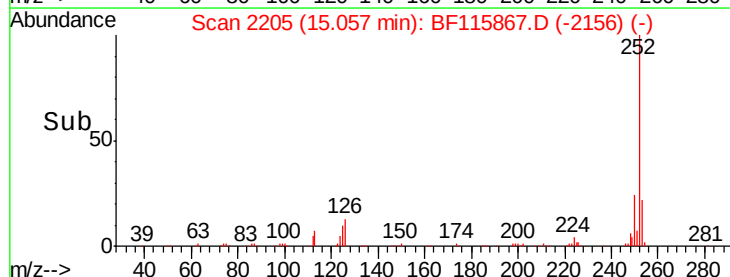
125 10.3 7.4 11.0

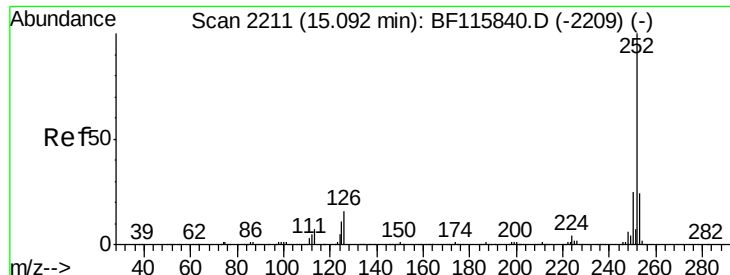


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

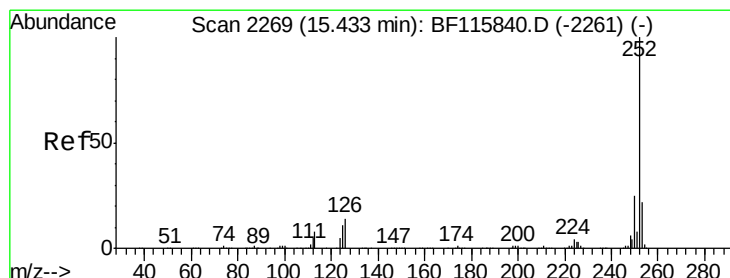
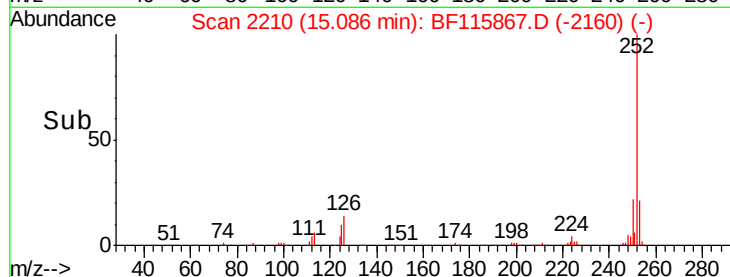
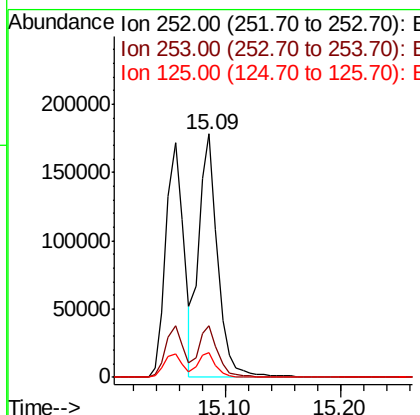
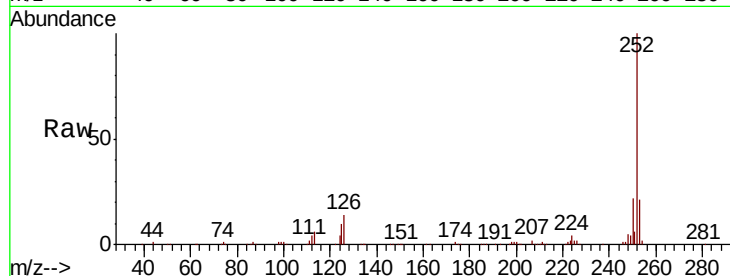




#89
Benzo(k)fluoranthene
Concen: 10.708 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

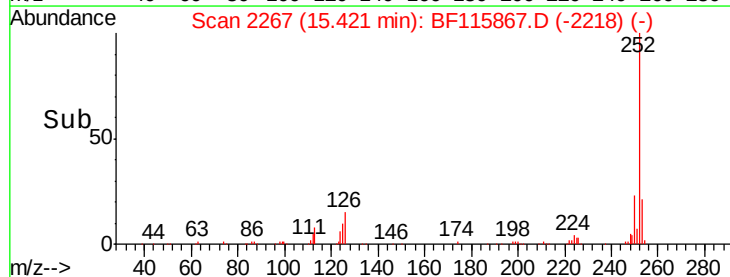
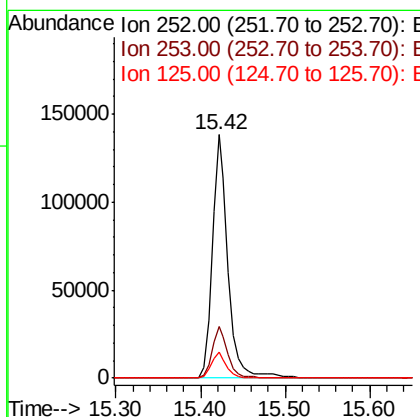
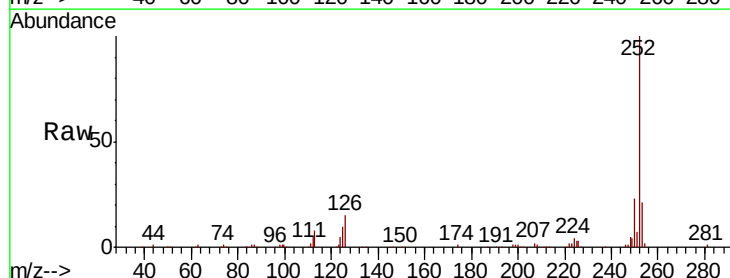
Instrument :
BNA_F
ClientSampleId :

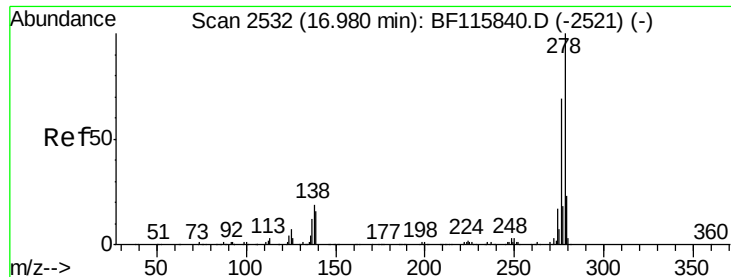
Tot Ion:252 Resp: 205976
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 10.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 10.184 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:252 Resp: 179799
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 9.079 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

ClientSampleId :

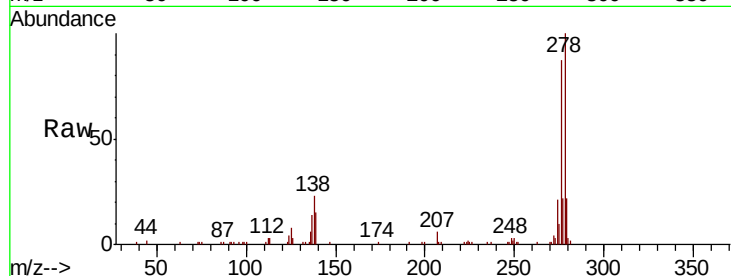
Tot Ion:278 Resp: 138741

Ion Ratio Lower Upper

278 100

139 15.5 12.6 19.0

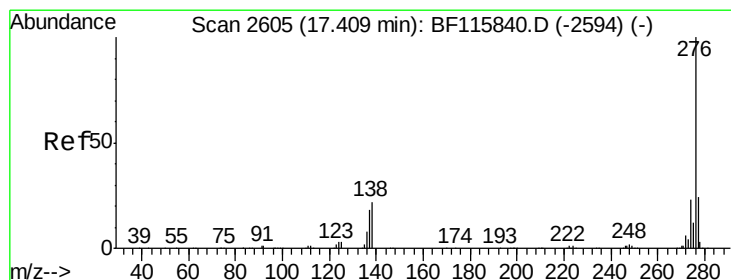
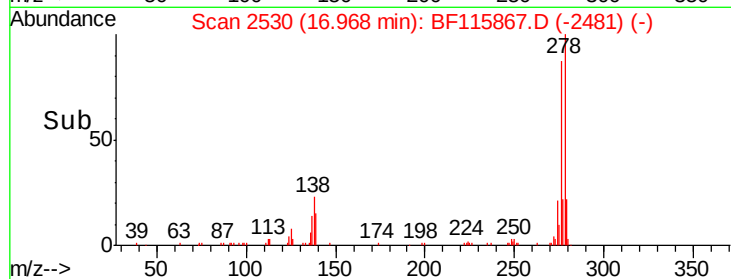
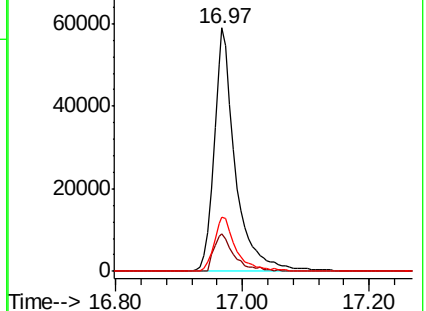
279 22.4 18.8 28.2



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: 8.970 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

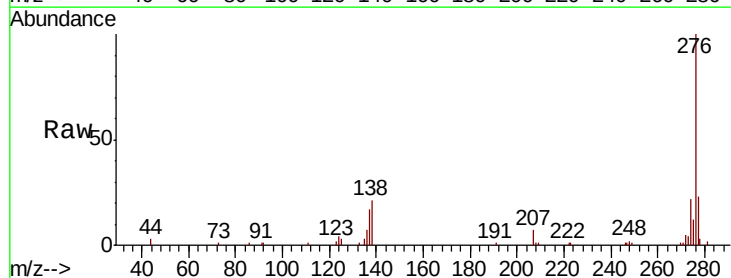
Tgt Ion:276 Resp: 134628

Ion Ratio Lower Upper

276 100

277 22.8 19.5 29.3

138 20.6 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

