

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115904.D
 Acq On : 1 Aug 2019 13:39
 Operator : HP/JU
 Sample : K4021-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 18:02:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134798	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514886	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	271102	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	444862	20.00	ng	0.00
76) Chrysene-d12	14.03	240	298879	20.00	ng	0.00
87) Perylene-d12	15.50	264	353682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	999807	124.17	ng	0.02
7) Phenol-d6	6.50	99	1340571	131.96	ng	0.01
23) Nitrobenzene-d5	7.42	82	854540	95.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	335983	127.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1394427	96.34	ng	0.00
79) Terphenyl-d14	12.97	244	1276783	90.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	141933	34.891	ng	99
3) Pyridine	3.43	79	375411	33.037	ng	98
4) n-Nitrosodimethylamine	3.36	42	174787	38.977	ng	99
6) Aniline	6.52	93	332699	22.867	ng	# 86
8) 2-Chlorophenol	6.65	128	374180	42.024	ng	99
9) Benzaldehyde	6.40	77	219589	31.326	ng	99
10) Phenol	6.51	94	496563	41.506	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	354046	40.252	ng	98
12) 1,3-Dichlorobenzene	6.80	146	398502	38.726	ng	100
13) 1,4-Dichlorobenzene	6.87	146	404952	39.303	ng	99
14) 1,2-Dichlorobenzene	7.03	146	373651	39.384	ng	99
15) Benzyl Alcohol	7.00	79	336115	43.596	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	477174	39.773	ng	97
17) 2-Methylphenol	7.11	107	318262	42.213	ng	99
18) Hexachloroethane	7.37	117	145595	38.380	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	257937	40.972	ng	99
20) 3+4-Methylphenols	7.26	107	381787	42.791	ng	# 86
22) Acetophenone	7.26	105	505156	44.735	ng	98
24) Nitrobenzene	7.43	77	415761	43.167	ng	99
25) Isophorone	7.67	82	745139	43.687	ng	99
26) 2-Nitrophenol	7.75	139	205003	45.154	ng	99
27) 2,4-Dimethylphenol	7.79	122	332588	48.692	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	456919	43.221	ng	99
29) 2,4-Dichlorophenol	8.00	162	328216	45.509	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	347110	42.222	ng	99
31) Naphthalene	8.16	128	1076921	44.447	ng	100
32) Benzoic acid	7.92	122	123141	25.571	ng	100
33) 4-Chloroaniline	8.20	127	151933	14.034	ng	98
34) Hexachlorobutadiene	8.27	225	194564	41.088	ng	100
35) Caprolactam	8.58	113	64286	27.560	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	348558	46.457	ng	96
37) 2-Methylnaphthalene	8.85	142	729863	45.739	ng	99
38) 1-Methylnaphthalene	8.95	142	679806	45.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	329951	45.525	ng	100

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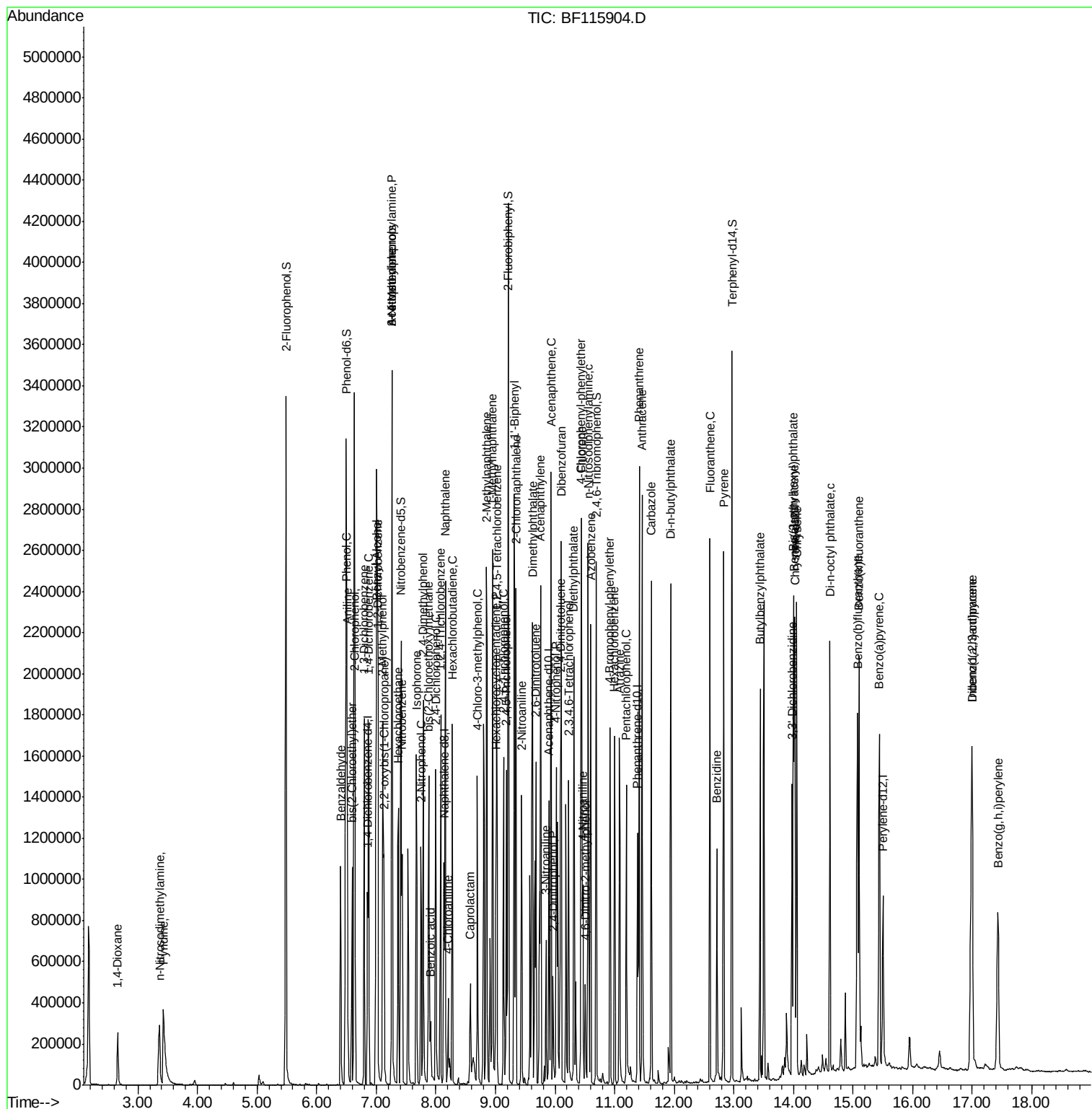
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	128941	42.618	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	220204	44.141	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	235426	45.654	ng	99
46) 1,1'-Biphenyl	9.32	154	876980	45.820	ng	100
47) 2-Chloronaphthalene	9.35	162	690788	43.364	ng	100
48) 2-Nitroaniline	9.44	65	226126	42.945	ng	92
49) Acenaphthylene	9.76	152	1060475	45.631	ng	99
50) Dimethylphthalate	9.62	163	1153789	62.506	ng	99
51) 2,6-Dinitrotoluene	9.68	165	180356	44.960	ng	89
52) Acenaphthene	9.93	154	628709	44.097	ng	100
53) 3-Nitroaniline	9.85	138	114208	23.041	ng	98
54) 2,4-Dinitrophenol	9.96	184	72741	39.983	ng	99
55) Dibenzofuran	10.10	168	948401	45.741	ng	98
56) 4-Nitrophenol	10.02	139	292033	91.972	ng	95
57) 2,4-Dinitrotoluene	10.09	165	240485	45.027	ng	98
58) Fluorene	10.45	166	725934	45.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	186716	43.037	ng	99
60) Diethylphthalate	10.32	149	780291	45.277	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	364582	45.127	ng	98
62) 4-Nitroaniline	10.47	138	180293	35.197	ng	97
63) Azobenzene	10.60	77	795769	44.893	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	66123	28.048	ng	94
66) n-Nitrosodiphenylamine	10.56	169	655369	48.945	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	219808	46.156	ng	93
68) Hexachlorobenzene	11.00	284	239776	43.542	ng	95
69) Atrazine	11.08	200	204528	46.431	ng	100
70) Pentachlorophenol	11.20	266	214832	80.355	ng	98
71) Phenanthrene	11.41	178	1053303	46.315	ng	99
72) Anthracene	11.46	178	1056902	45.920	ng	99
73) Carbazole	11.62	167	929609	44.519	ng	99
74) Di-n-butylphthalate	11.94	149	1169107	47.995	ng	100
75) Fluoranthene	12.60	202	1012028	42.506	ng	98
77) Benzidine	12.72	184	445600	44.130	ng	96
78) Pyrene	12.83	202	1008090	44.744	ng	100
80) Butylbenzylphthalate	13.44	149	427173	44.823	ng	100
81) Benzo(a)anthracene	14.02	228	850466	44.519	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	282306	42.536	ng	98
83) Chrysene	14.06	228	826547	44.567	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	589018	47.561	ng	99
85) Di-n-octyl phthalate	14.61	149	997386	50.703	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	853133	54.769	ng	98
88) Benzo(b)fluoranthene	15.07	252	914106	44.699	ng	98
89) Benzo(k)fluoranthene	15.10	252	845314	42.438	ng	99
90) Benzo(a)pyrene	15.44	252	849490	46.468	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	710633	44.908	ng	98
92) Benzo(g,h,i)perylene	17.43	276	667677	42.963	ng	98

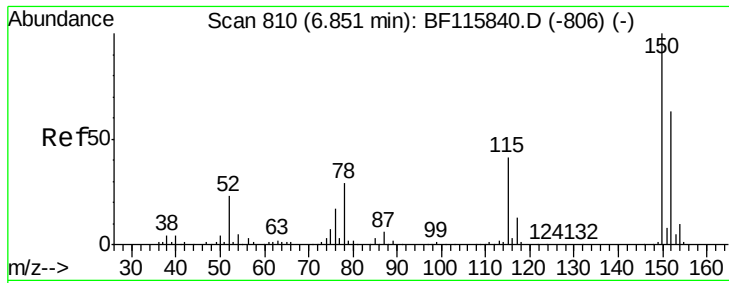
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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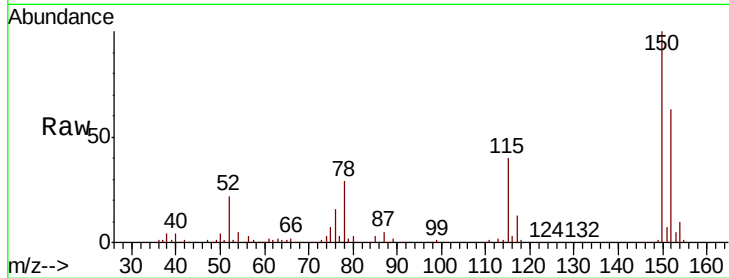


#1

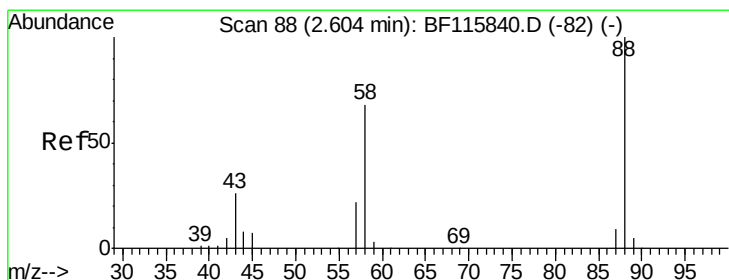
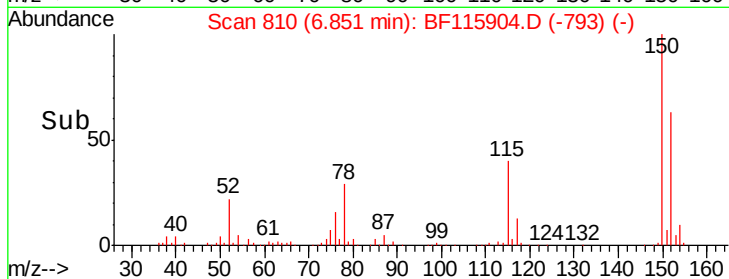
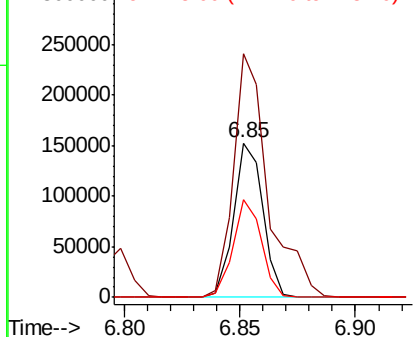
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134798
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 63.2 51.8 77.8



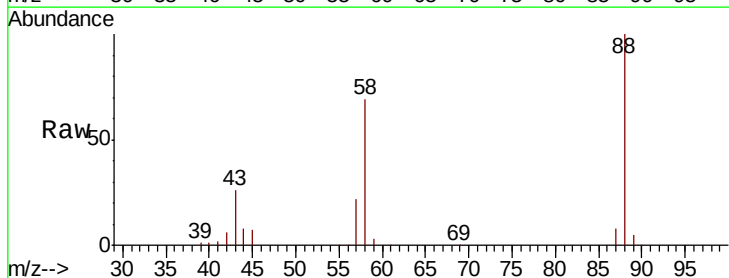
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



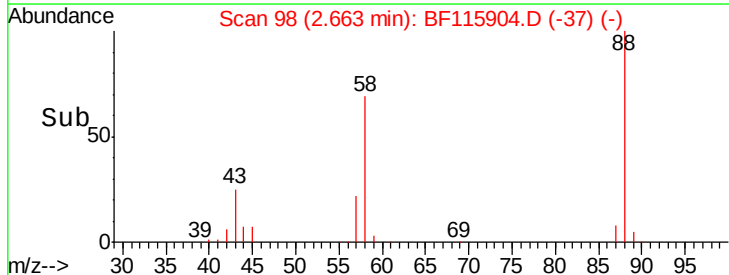
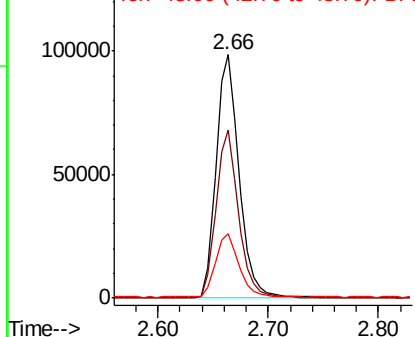
#2

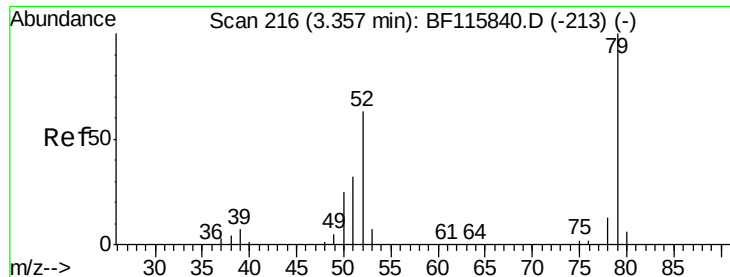
1,4-Dioxane
Concen: 34.891 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion: 88 Resp: 141933
Ion Ratio Lower Upper
88 100
58 67.6 54.1 81.1
43 27.0 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: 33.037 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.07 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

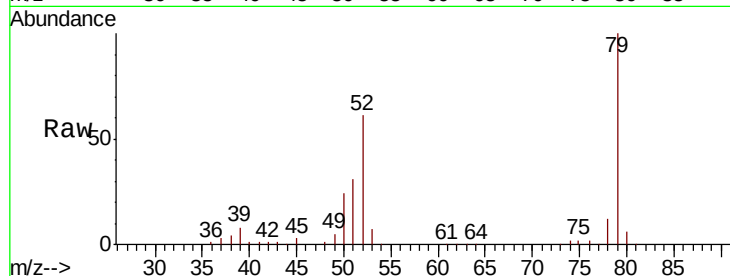
Tot Ion: 79 Resp: 375411

Ion Ratio Lower Upper

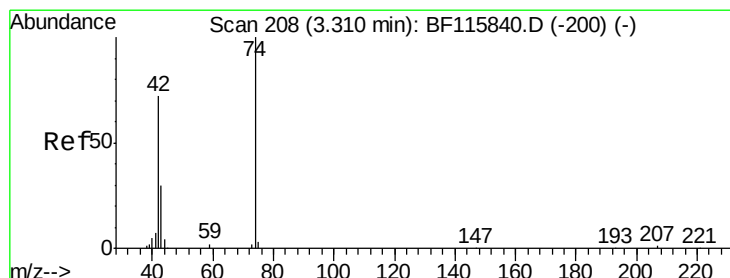
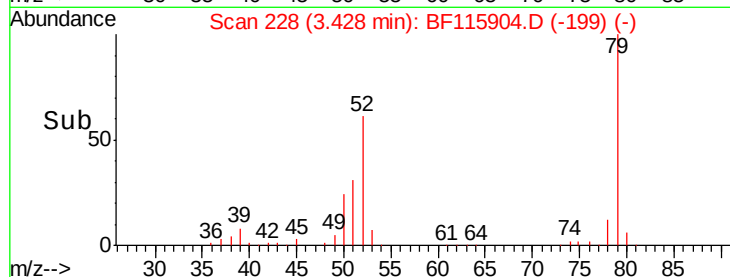
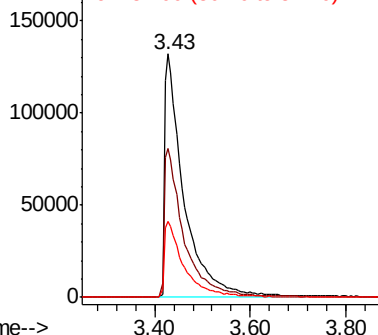
79 100

52 61.2 50.2 75.4

51 31.2 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: 38.977 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.05 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

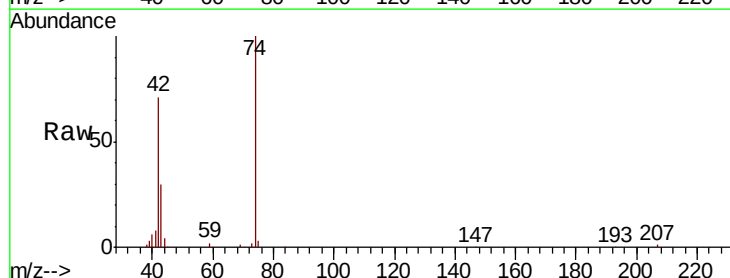
Tgt Ion: 42 Resp: 174787

Ion Ratio Lower Upper

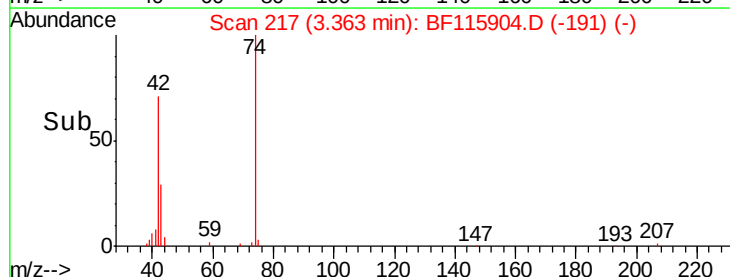
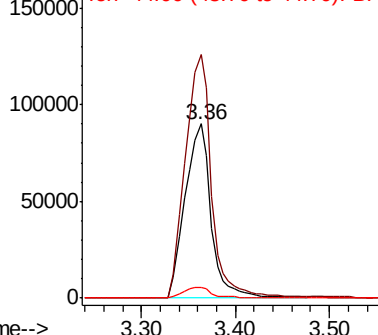
42 100

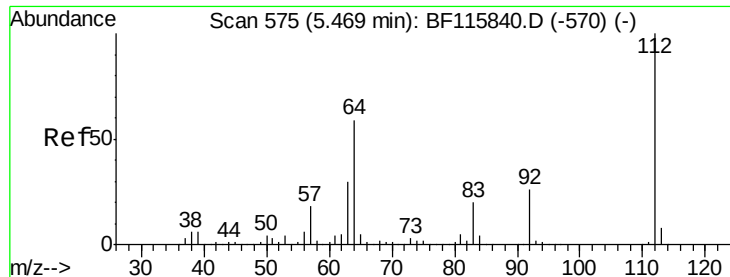
74 140.0 111.0 166.4

44 6.1 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: 124.166 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

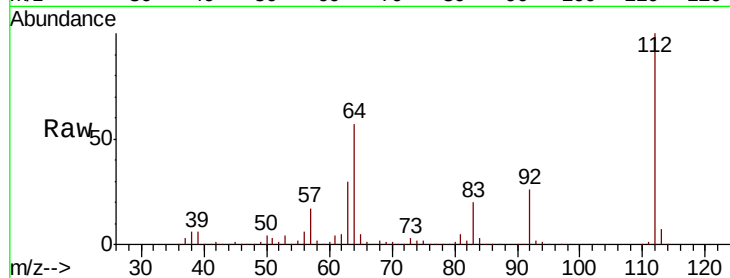
Tot Ion:112 Resp: 999807

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

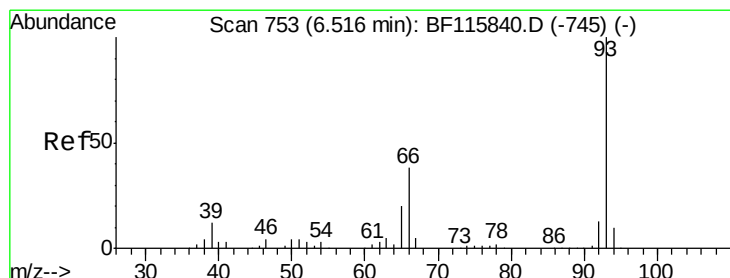
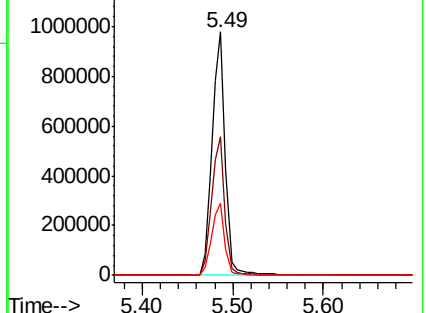
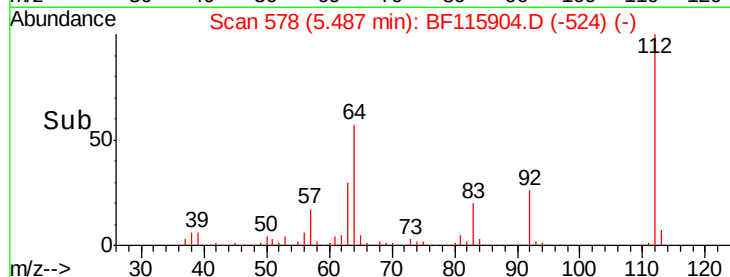
63 29.7 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.867 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

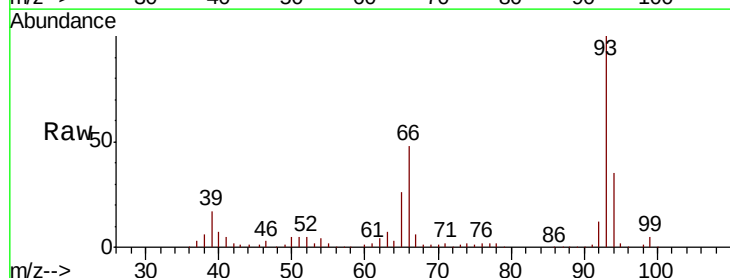
Tgt Ion: 93 Resp: 332699

Ion Ratio Lower Upper

93 100

66 48.0 31.4 47.0#

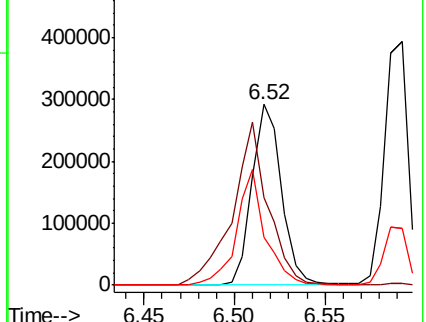
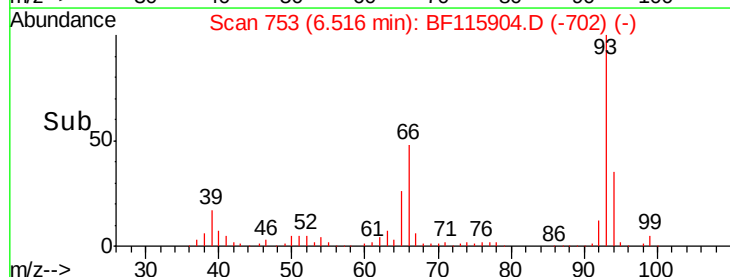
65 26.1 16.5 24.7#

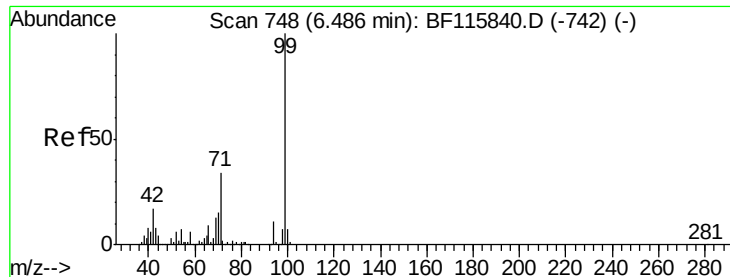


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.956 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

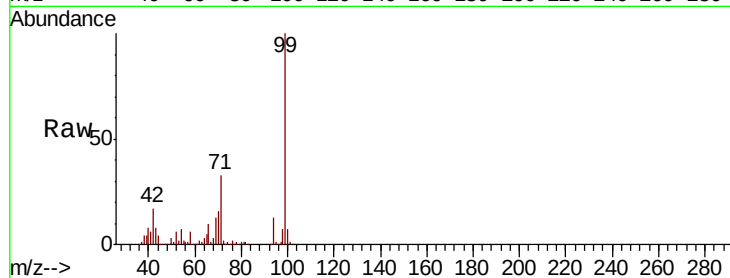
Tot Ion: 99 Resp: 1340571

Ion Ratio Lower Upper

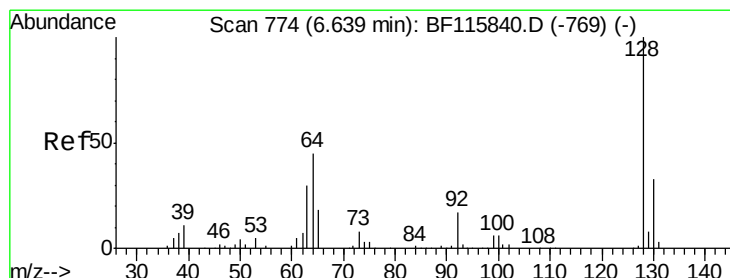
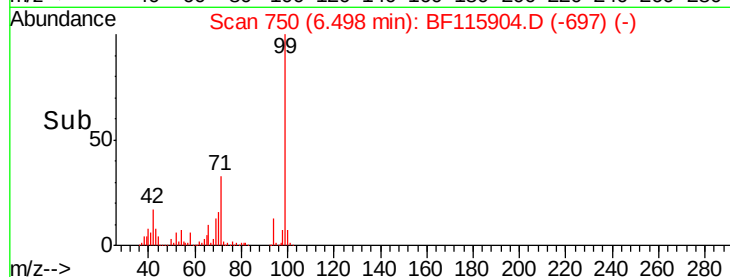
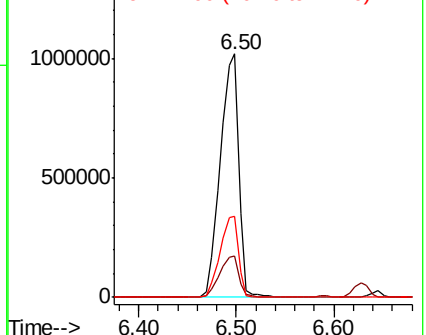
99 100

42 16.8 13.8 20.6

71 33.5 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: 42.024 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

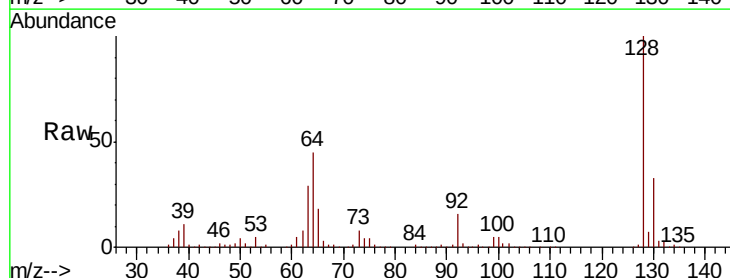
Tgt Ion:128 Resp: 374180

Ion Ratio Lower Upper

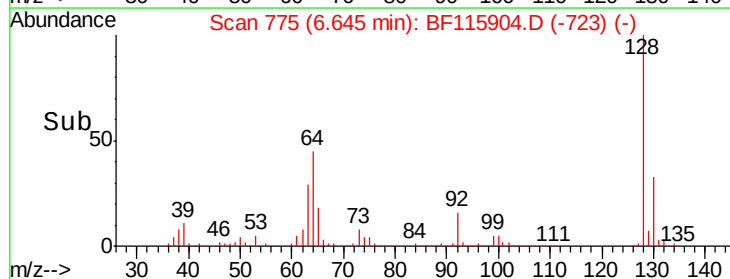
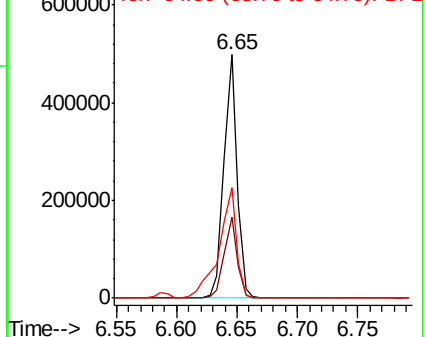
128 100

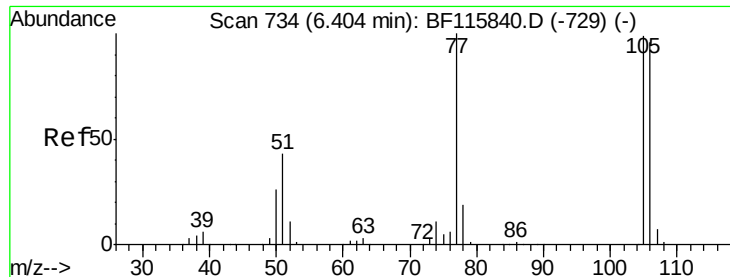
130 33.3 12.9 52.9

64 45.1 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: 31.326 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

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ClientSampleId :

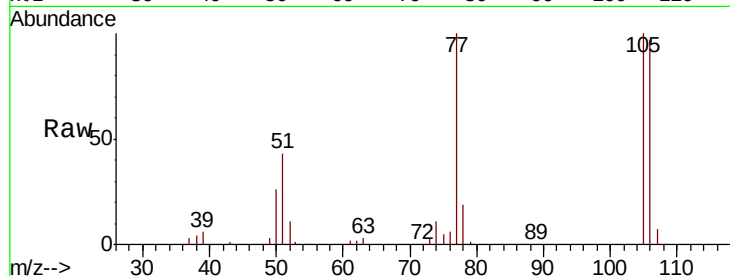
Tot Ion: 77 Resp: 219589

Ion Ratio Lower Upper

77 100

105 99.8 79.0 119.0

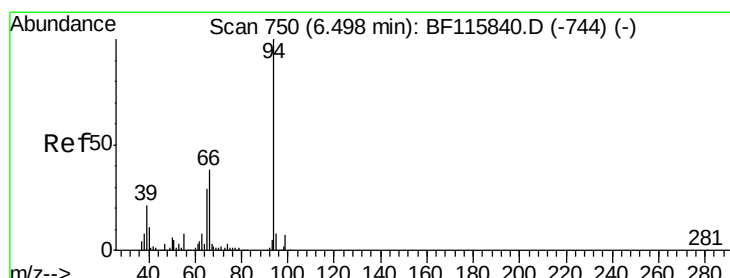
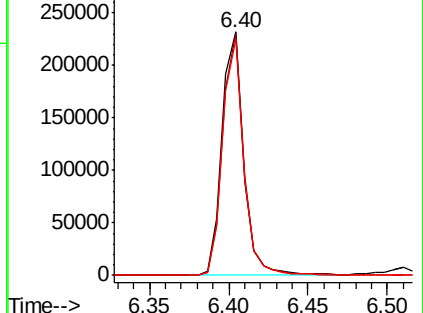
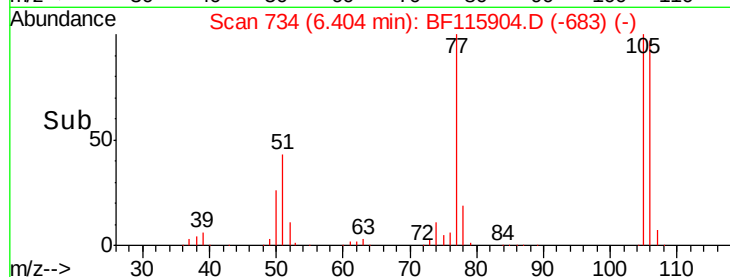
106 97.2 76.2 116.2



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: 41.506 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

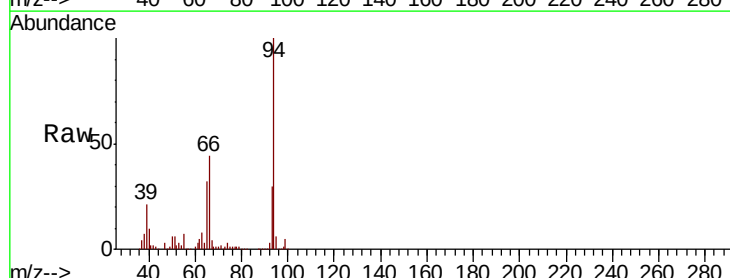
Tgt Ion: 94 Resp: 496563

Ion Ratio Lower Upper

94 100

65 31.5 8.9 48.9

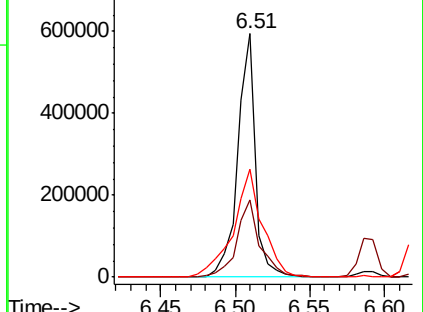
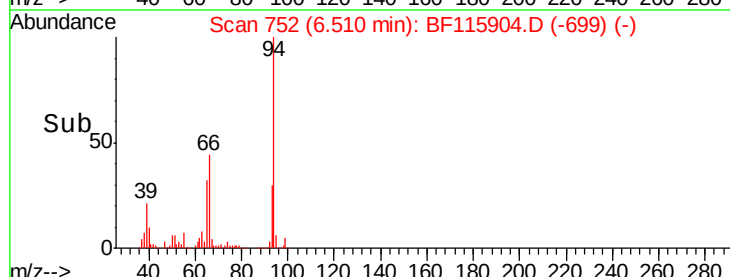
66 44.2 18.0 58.0

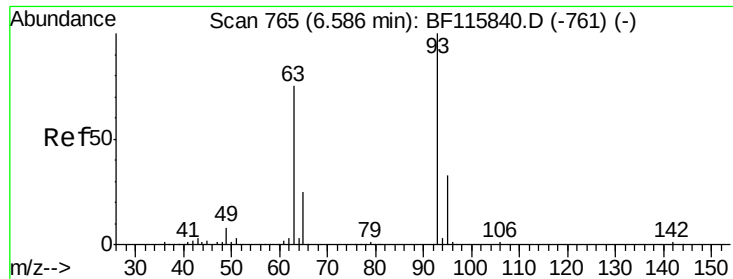


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

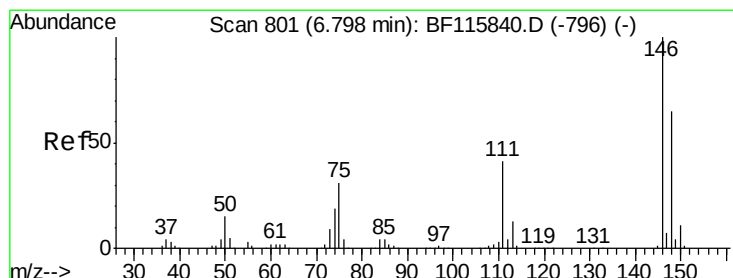
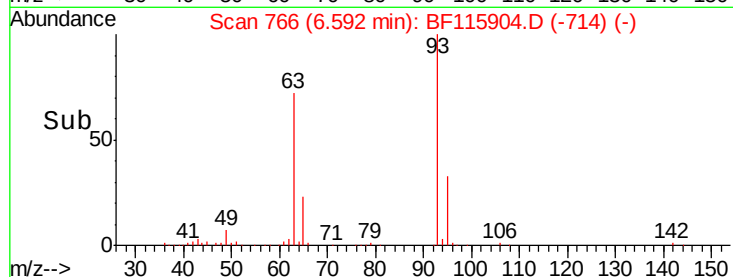
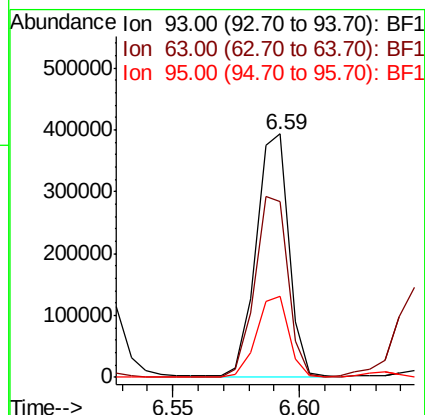
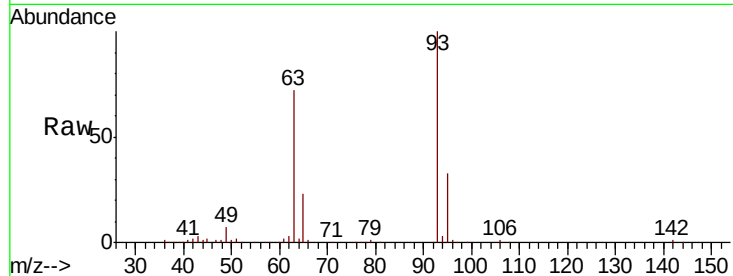




#11
 bis(2-Chloroethyl)ether
 Concen: 40.252 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

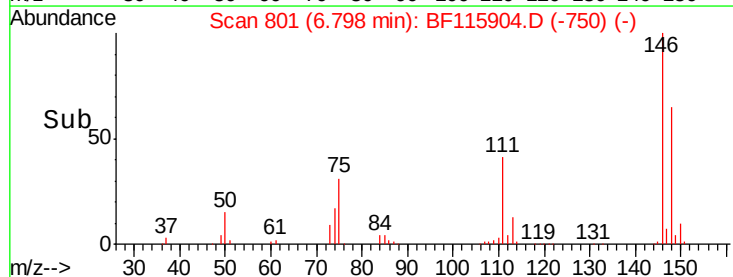
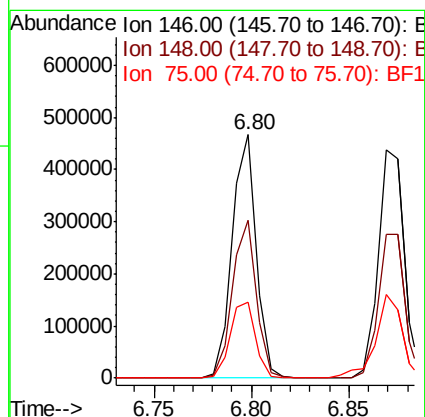
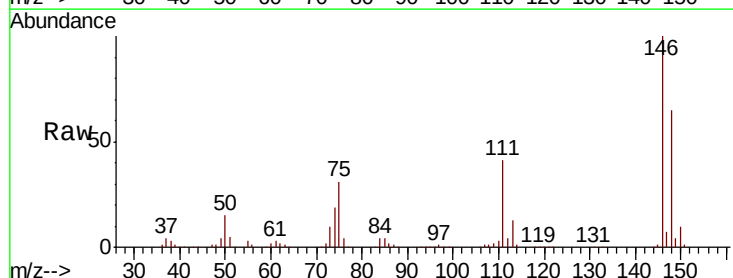
Instrument :
 BNA_F
 ClientSampleId :

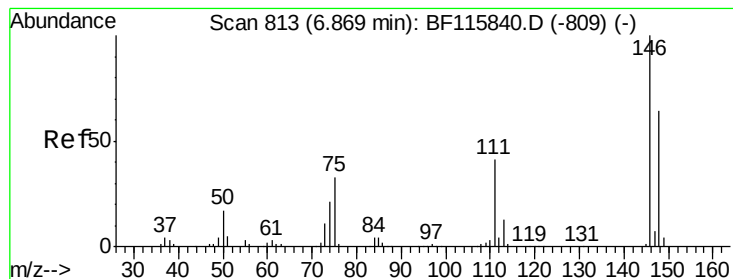
Tot Ion: 93 Resp: 354046
 Ion Ratio Lower Upper
 93 100
 63 72.1 54.9 94.9
 95 33.4 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 38.726 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion: 146 Resp: 398502
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 75 31.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.303 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

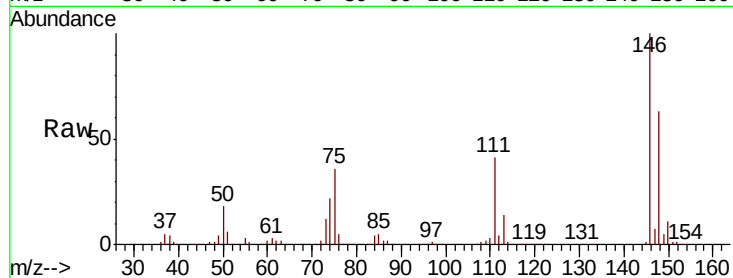
Tot Ion:146 Resp: 404952

Ion Ratio Lower Upper

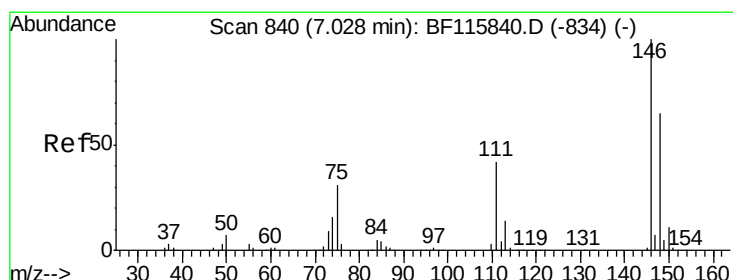
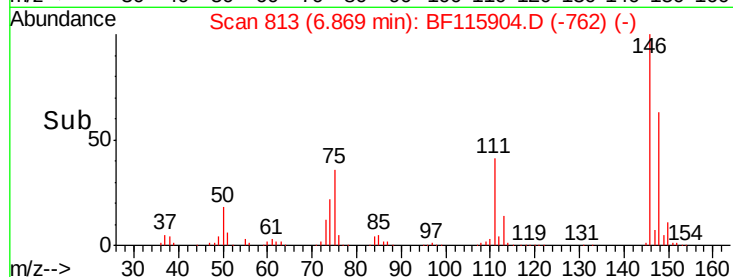
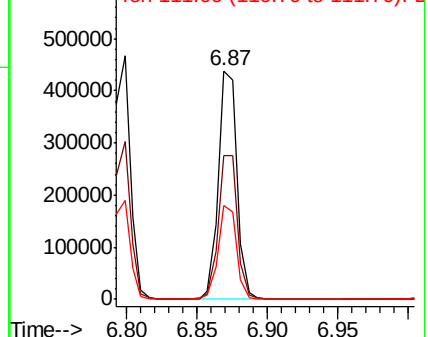
146 100

148 63.0 51.2 76.8

111 41.2 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: 39.384 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

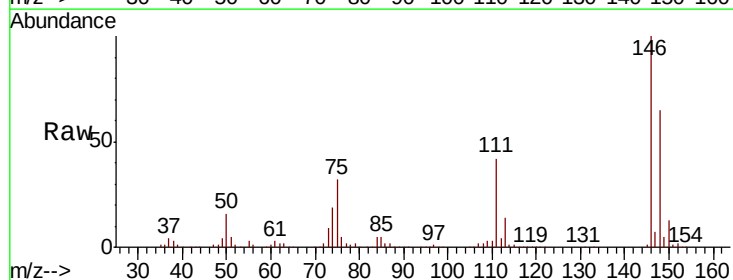
Tgt Ion:146 Resp: 373651

Ion Ratio Lower Upper

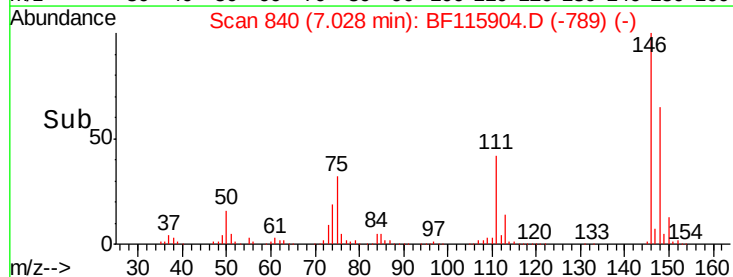
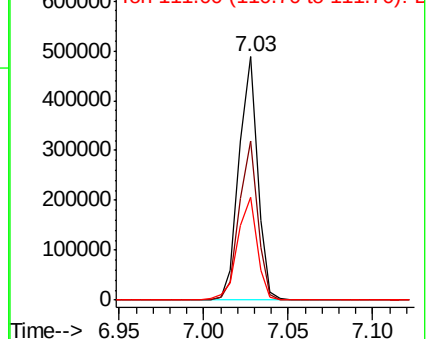
146 100

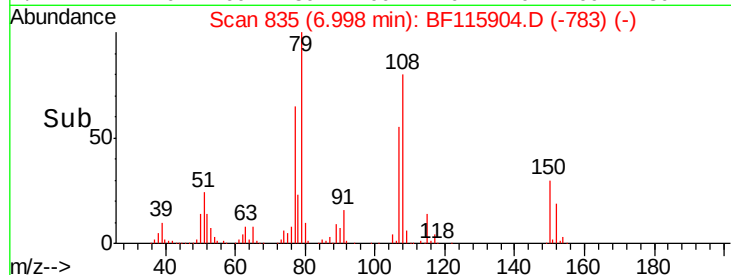
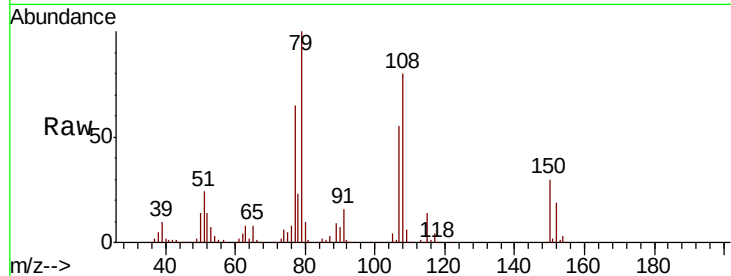
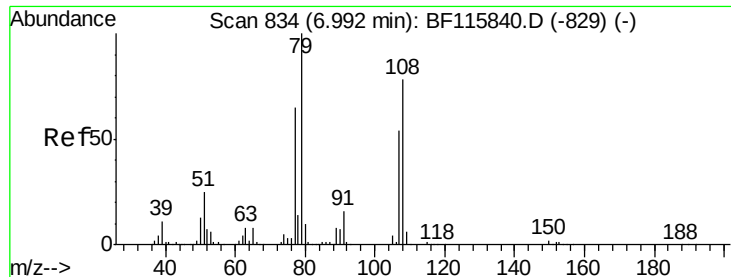
148 65.2 51.6 77.4

111 42.4 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: 43.596 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

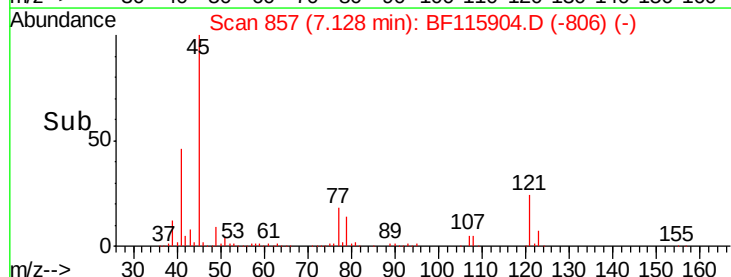
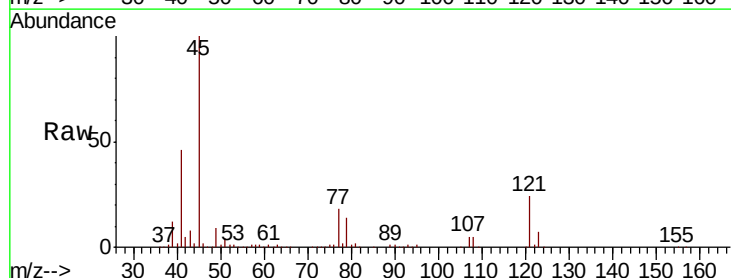
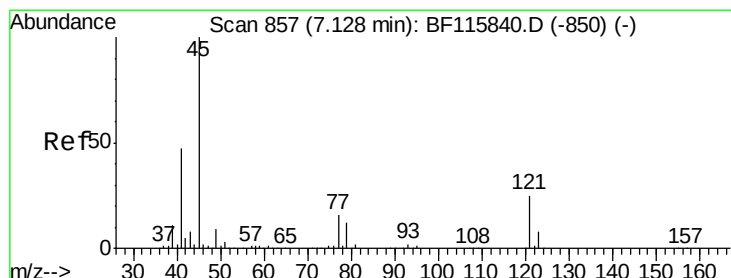
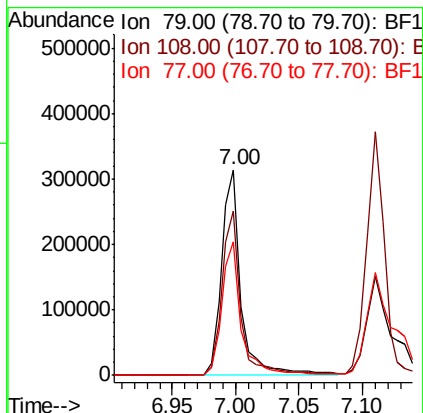
Tot Ion: 79 Resp: 336115

Ion Ratio Lower Upper

79 100

108 80.3 62.8 94.2

77 65.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.773 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

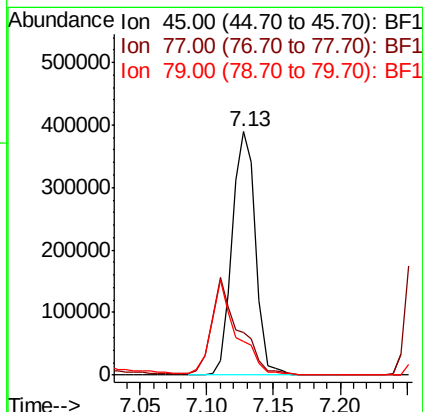
Tgt Ion: 45 Resp: 477174

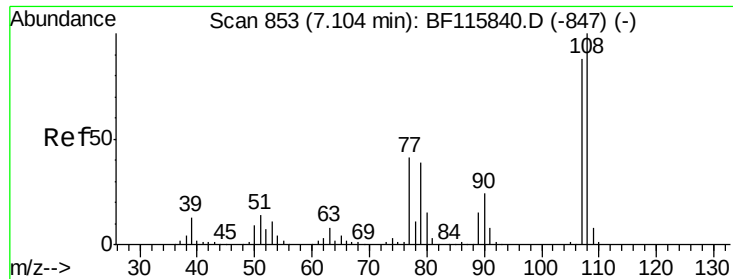
Ion Ratio Lower Upper

45 100

77 17.7 0.0 36.3

79 13.7 0.0 32.5

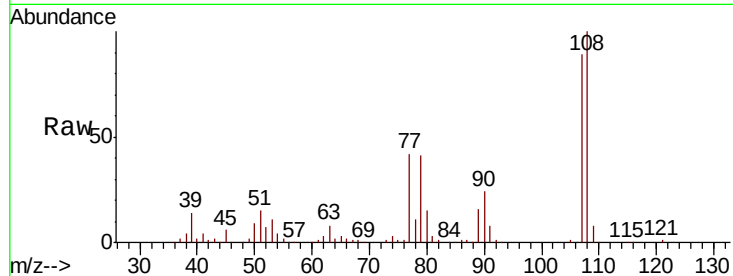




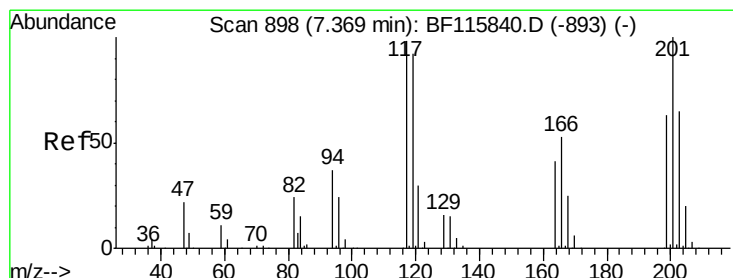
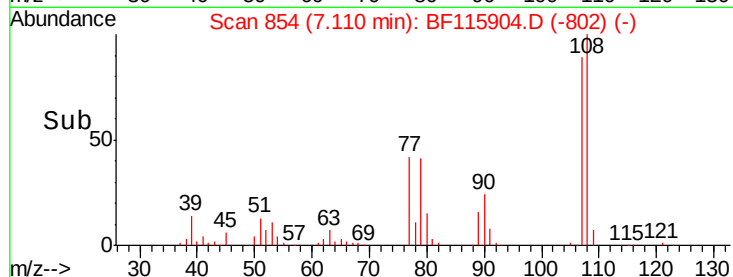
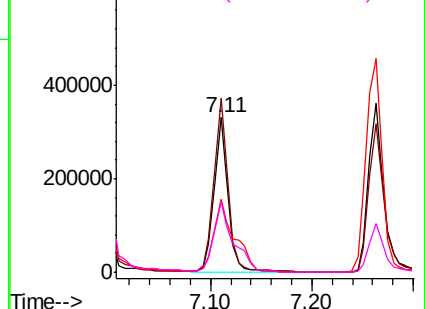
#17
2-Methylphenol
Concen: 42.213 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	318262
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.0
77	47.4	37.6	56.4
79	46.0	36.2	54.4

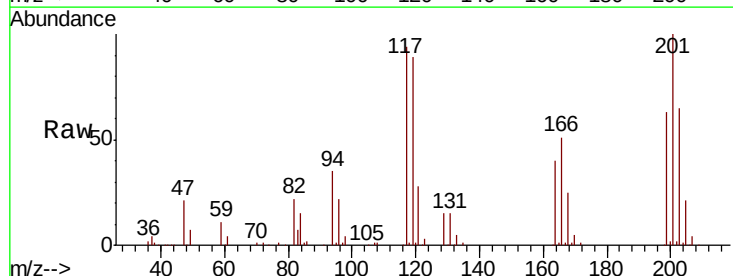


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

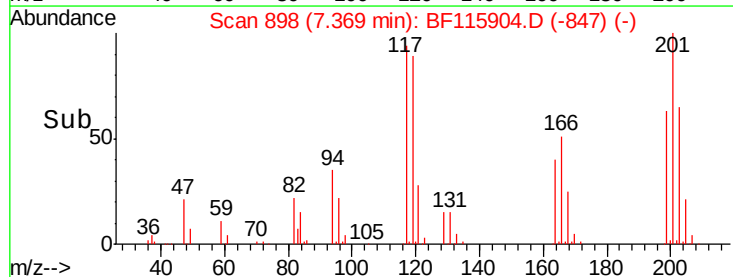
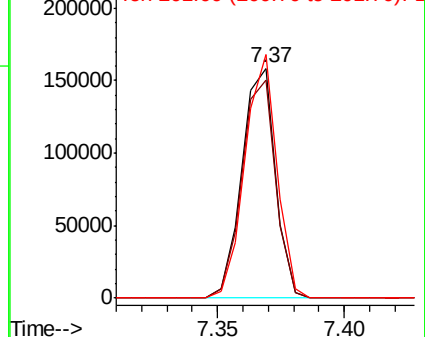


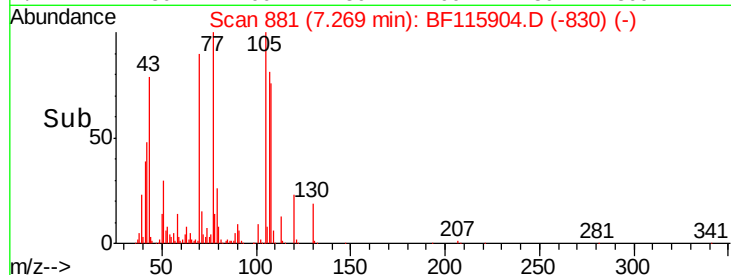
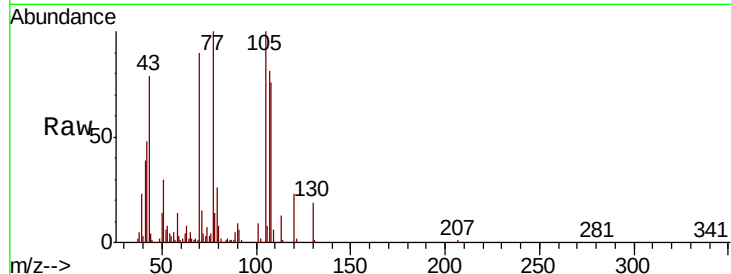
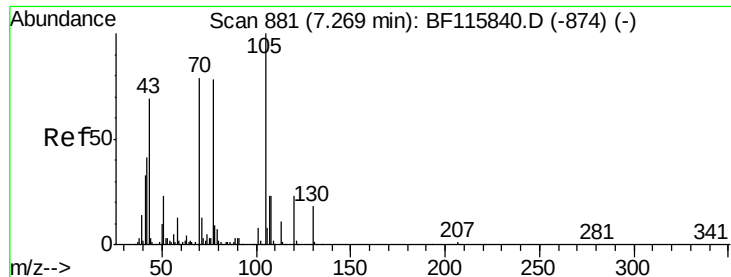
#18
Hexachloroethane
Concen: 38.380 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:	117	Resp:	145595
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
201	105.8	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

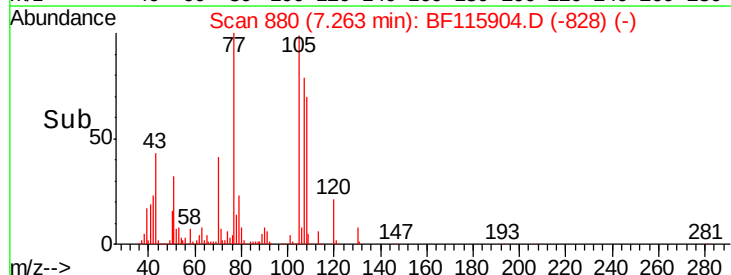
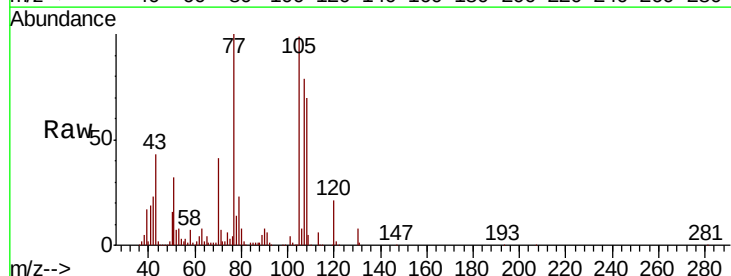
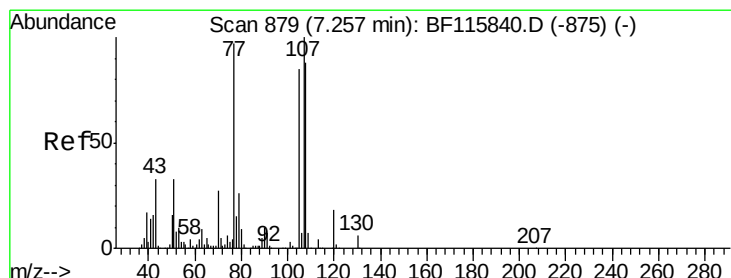
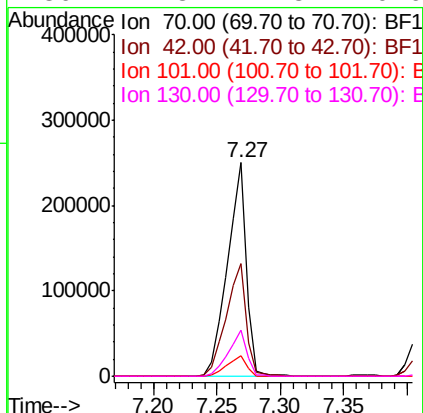




#19
n-Nitroso-di-n-propylamine
Concen: 40.972 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

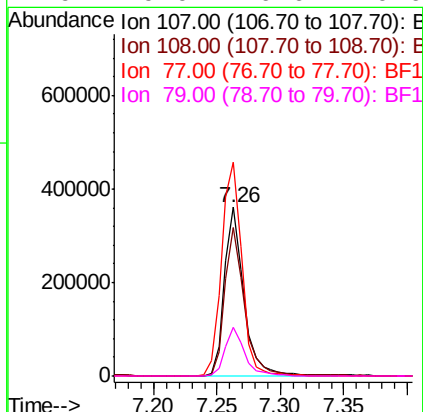
Instrument :
BNA_F
ClientSampleId :

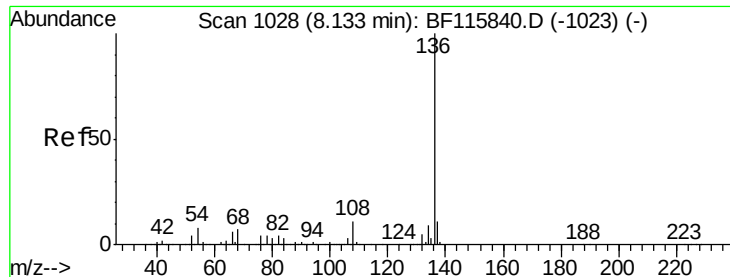
Tot Ion:	70	Resp:	257937
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.8	62.8
101	9.7	7.7	11.5
130	21.3	17.8	26.6



#20
3+4-Methylphenols
Concen: 42.791 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:	107	Resp:	381787
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.9	107.9
77	126.7	77.3	117.3#
79	29.0	6.6	46.6

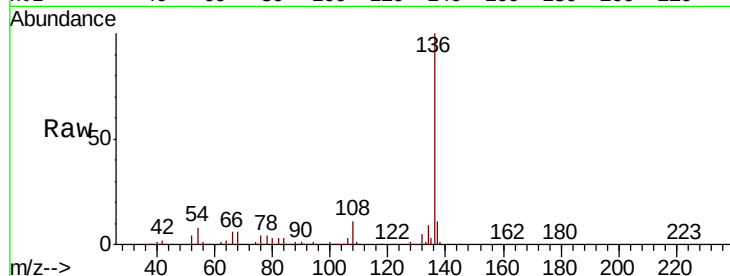




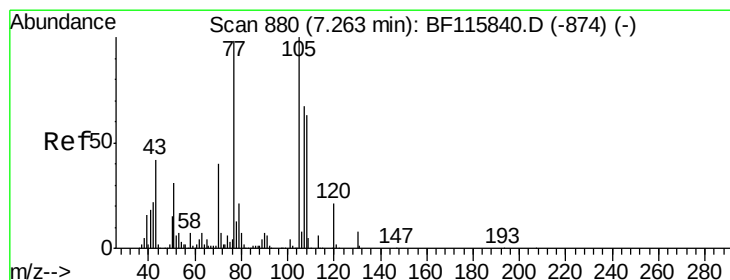
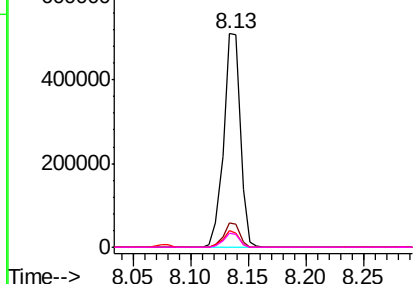
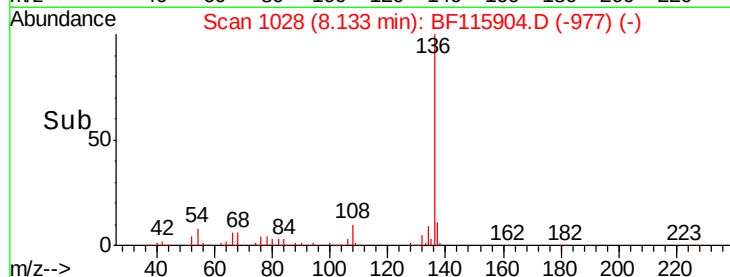
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	514886
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.7	6.1 9.1
68	6.5	5.4 8.2

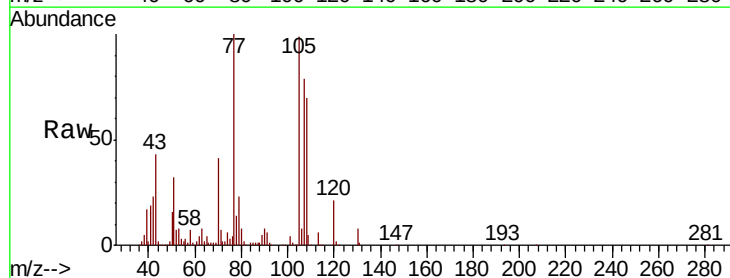


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

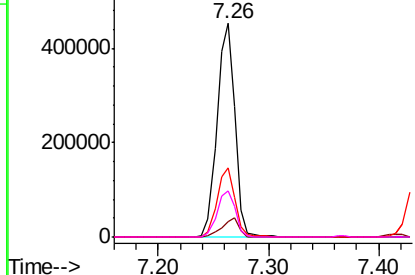
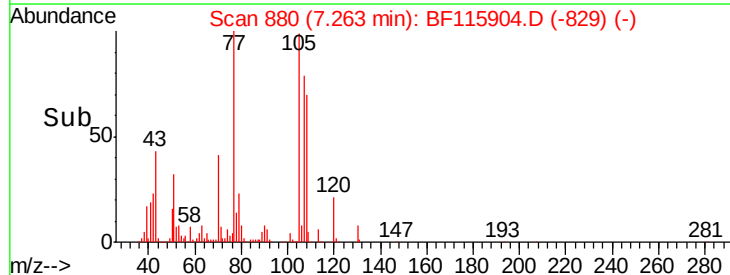


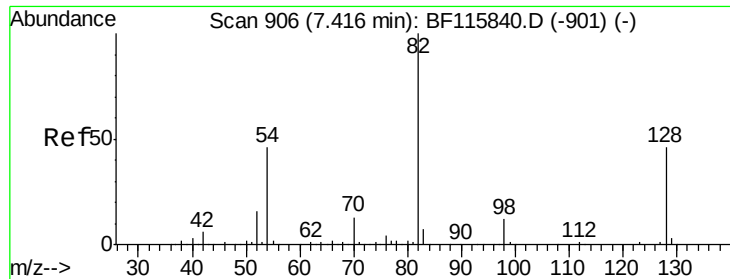
#22
Acetophenone
Concen: 44.735 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:105	Resp:	505156
Ion Ratio	Lower	Upper
105	100	
71	7.0	5.4 8.0
51	32.4	24.6 36.8
120	21.6	17.0 25.6



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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

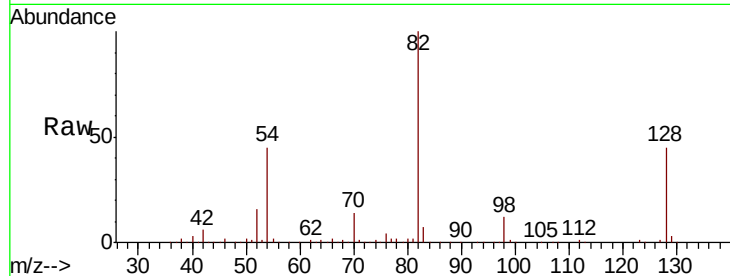




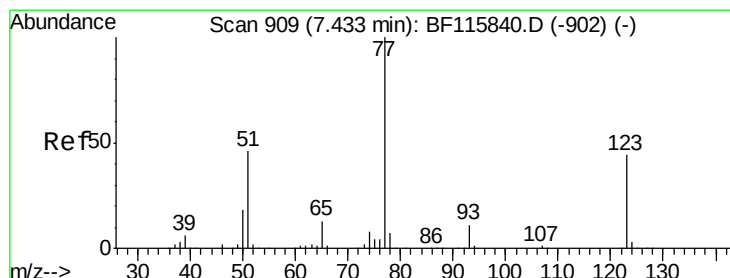
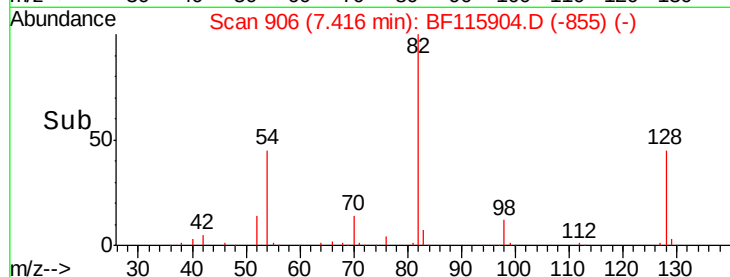
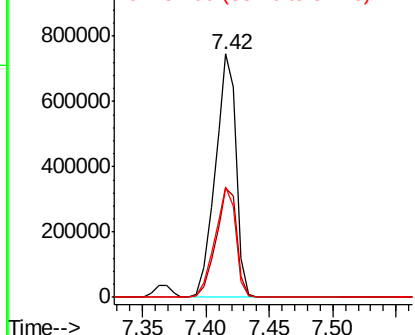
#23
 Nitrobenzene-d5
 Concen: 95.801 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	854540
Ion Ratio	100		
Lower	36.6		
Upper	55.0		
128	45.0		
54	45.5		

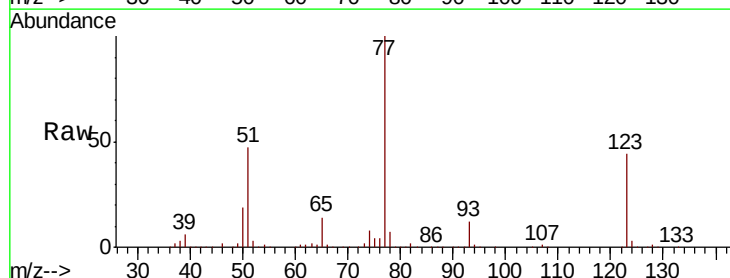


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

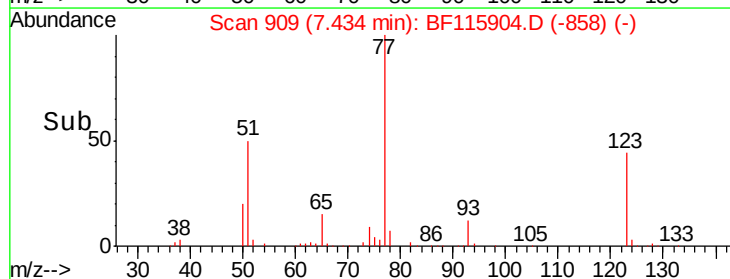
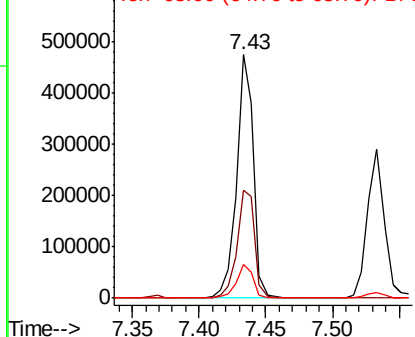


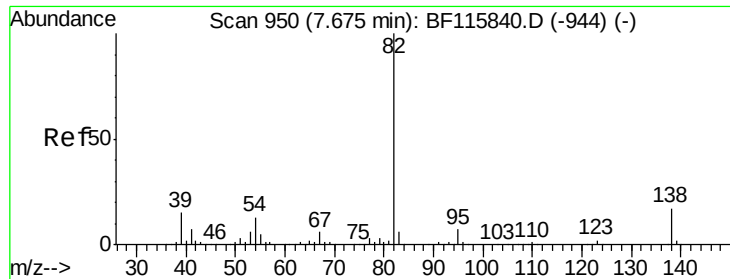
#24
 Nitrobenzene
 Concen: 43.167 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	77	Resp	415761
Ion Ratio	100		
Lower	35.5		
Upper	53.3		
123	44.2		
65	13.7		



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





#25

Isophorone

Concen: 43.687 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

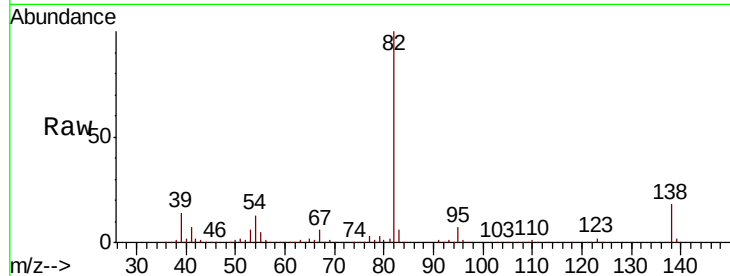
Tot Ion: 82 Resp: 745139

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

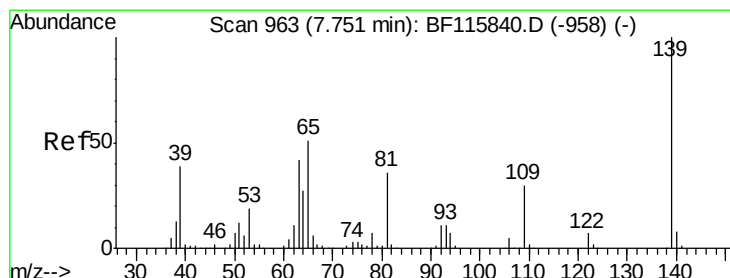
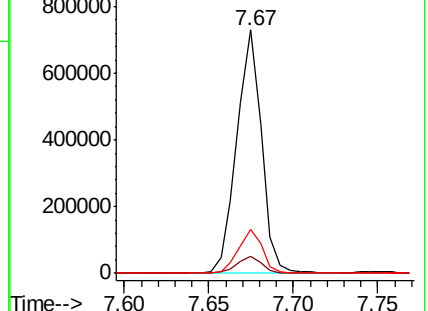
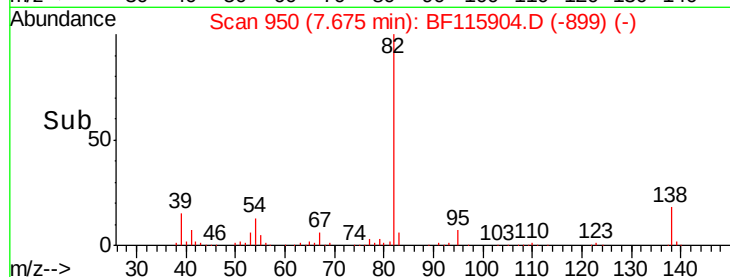
138 17.8 13.9 20.9



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: 45.154 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

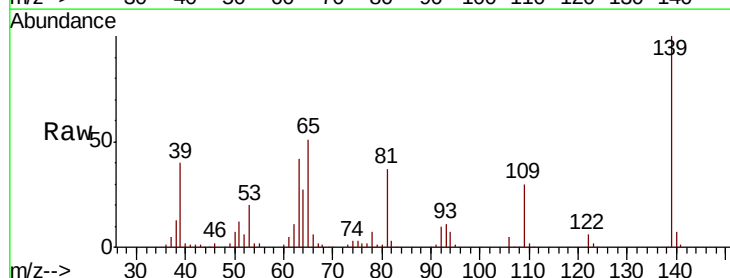
Tgt Ion: 139 Resp: 205003

Ion Ratio Lower Upper

139 100

109 30.1 23.6 35.4

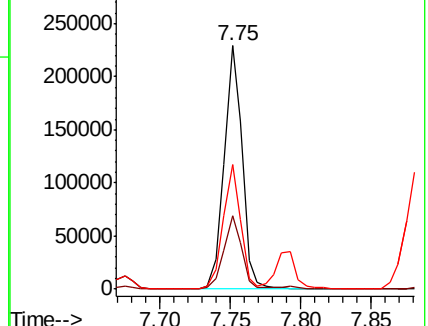
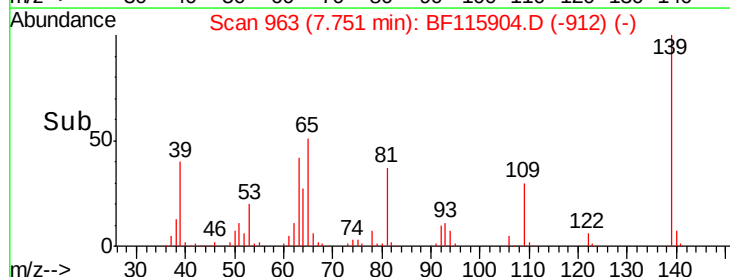
65 51.1 40.6 60.8

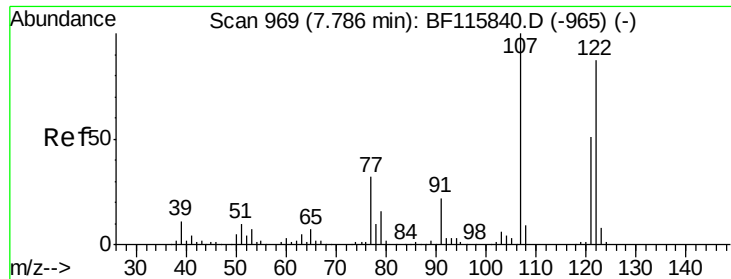


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

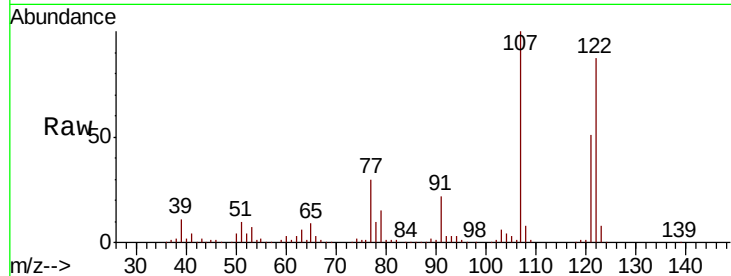




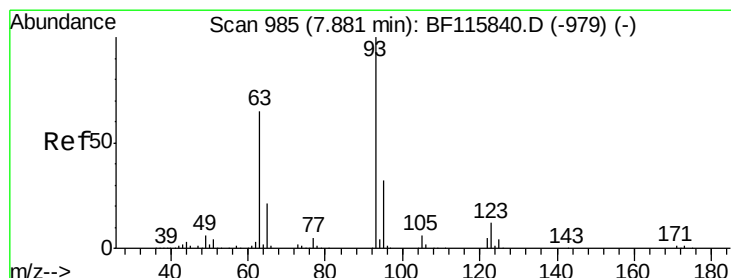
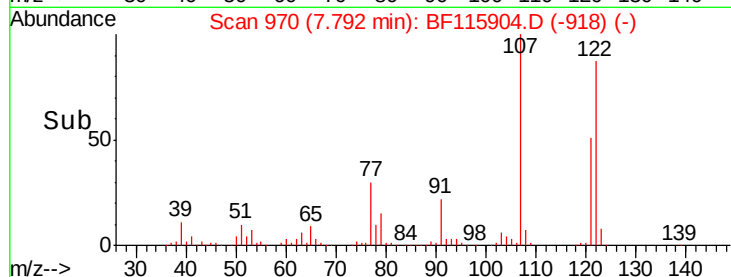
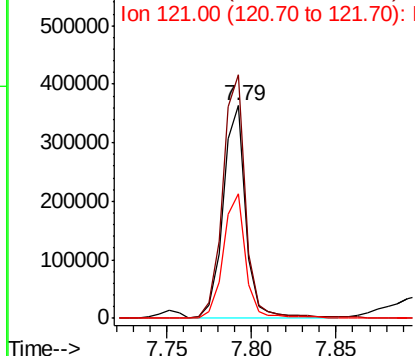
#27
2,4-Dimethylphenol
Concen: 48.692 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 332588
Ion Ratio Lower Upper
122 100
107 114.4 91.7 137.5
121 58.5 46.6 70.0

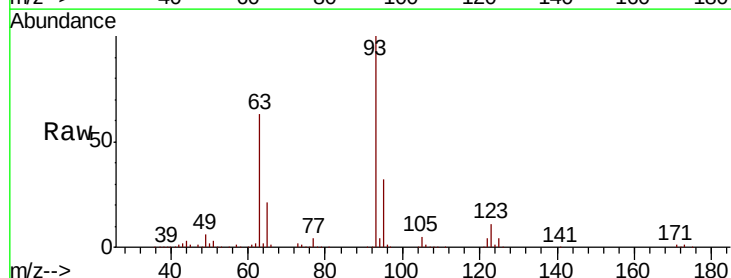


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

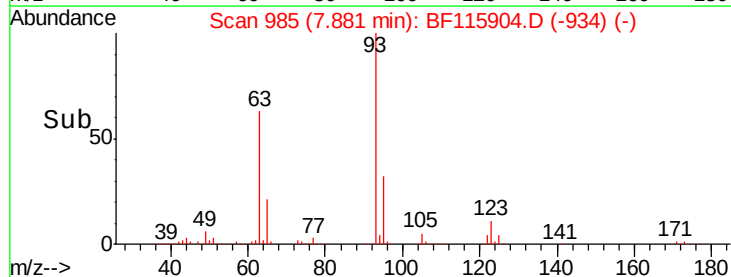
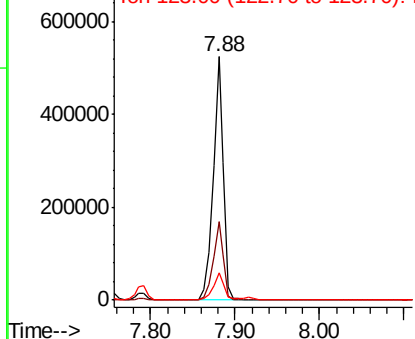


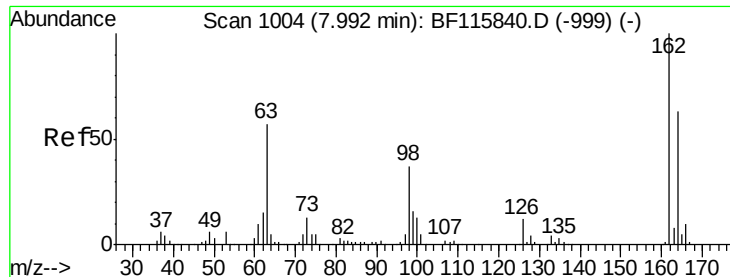
#28
bis(2-Chloroethoxy)methane
Concen: 43.221 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion: 93 Resp: 456919
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.2 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

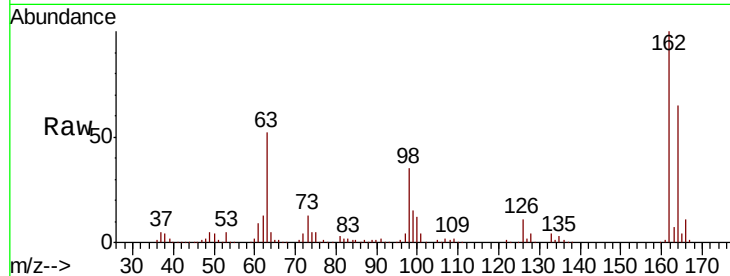




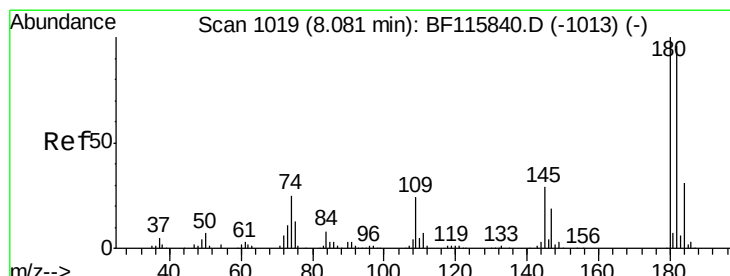
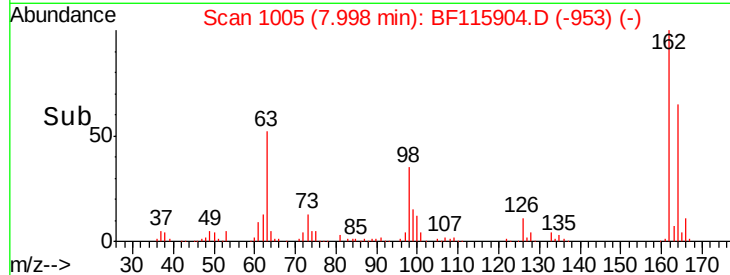
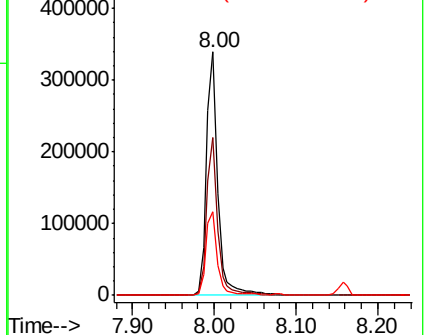
#29
2,4-Dichlorophenol
Concen: 45.509 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 328216
Ion Ratio Lower Upper
162 100
164 64.9 43.2 83.2
98 34.5 17.3 57.3

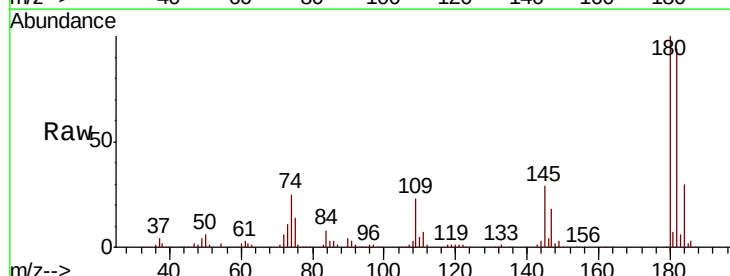


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

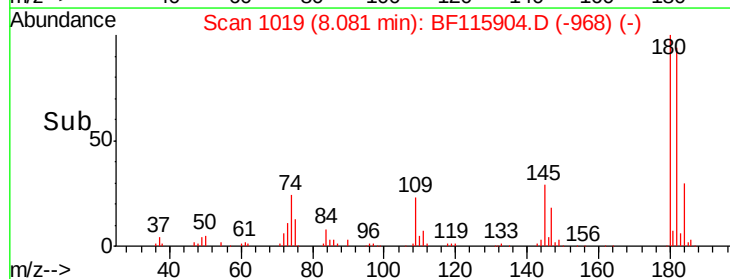
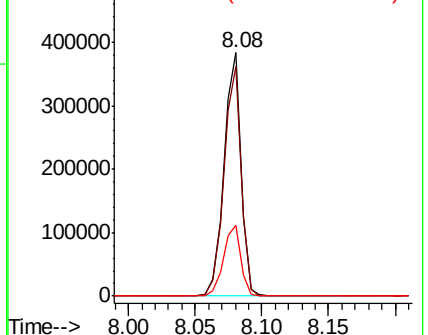


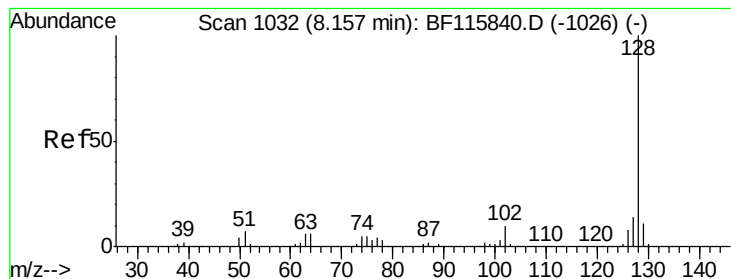
#30
1,2,4-Trichlorobenzene
Concen: 42.222 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:180 Resp: 347110
Ion Ratio Lower Upper
180 100
182 94.1 76.6 114.8
145 28.9 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: 44.447 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

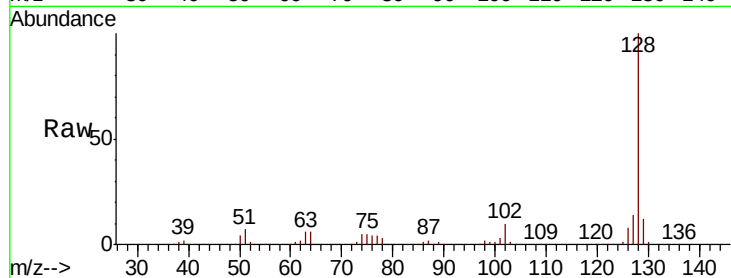
Tot Ion:128 Resp: 1076921

Ion Ratio Lower Upper

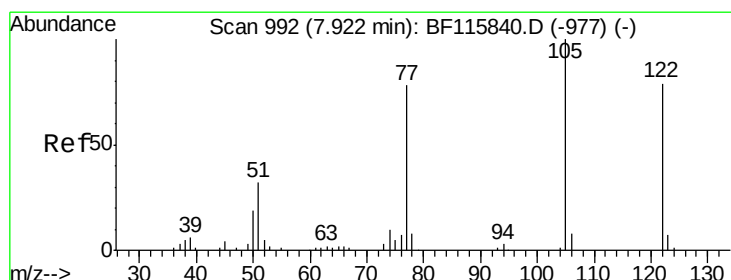
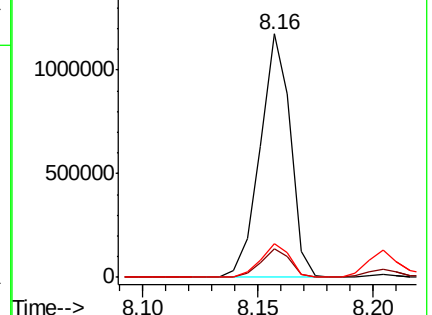
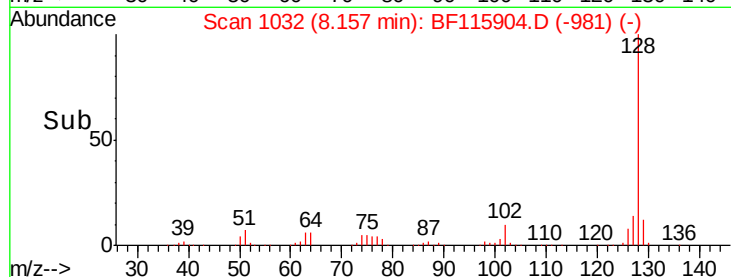
128 100

129 11.5 9.2 13.8

127 13.7 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: 25.571 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

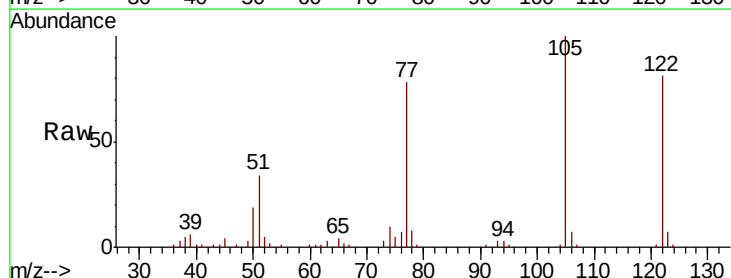
Tgt Ion:122 Resp: 123141

Ion Ratio Lower Upper

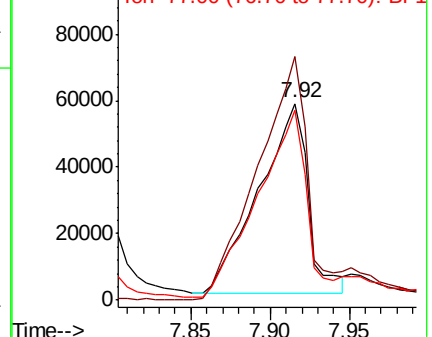
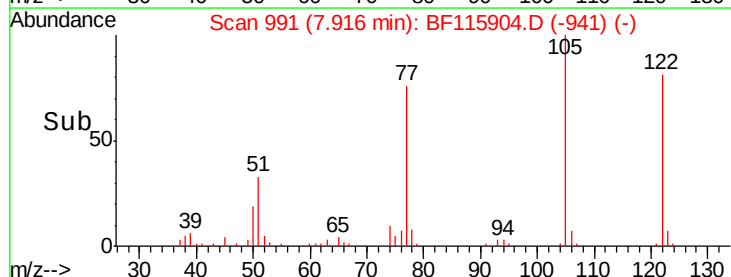
122 100

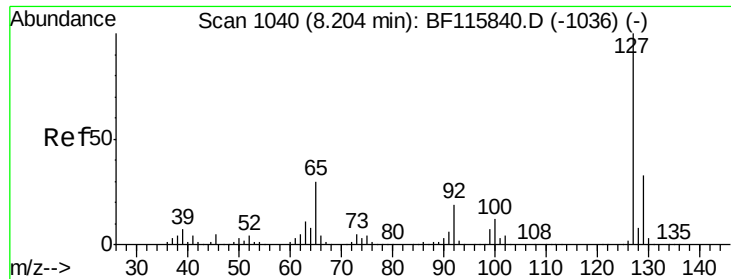
105 123.9 103.1 143.1

77 96.7 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

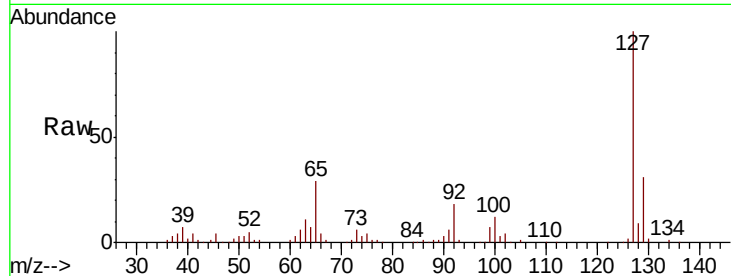




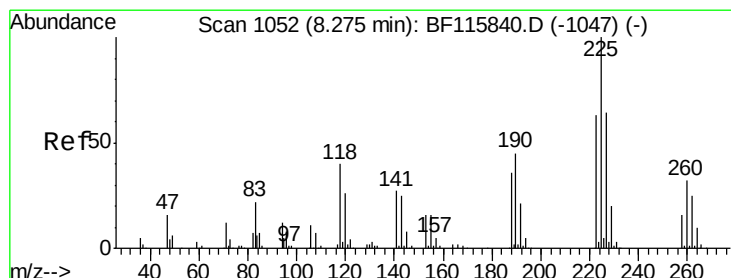
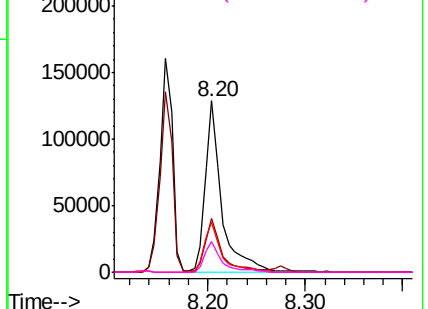
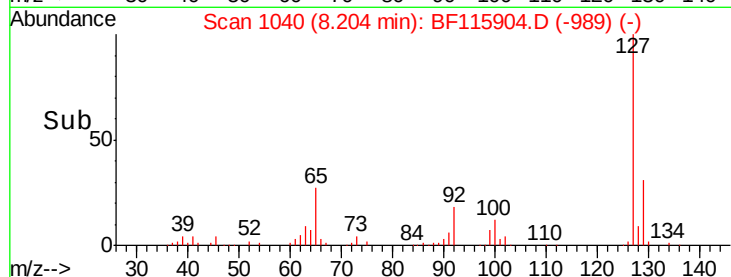
#33
4-Chloroaniline
Concen: 14.034 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151933
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	29.2	23.9	35.9
92	18.1	14.9	22.3

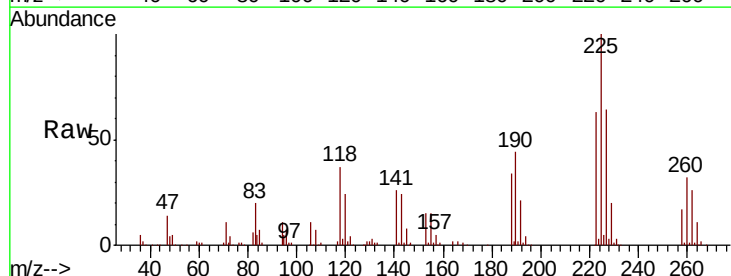


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

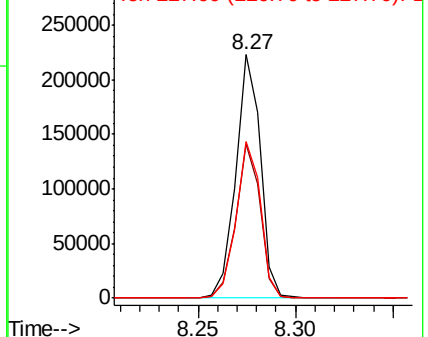
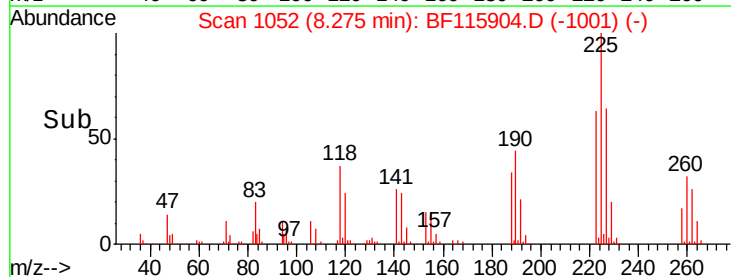


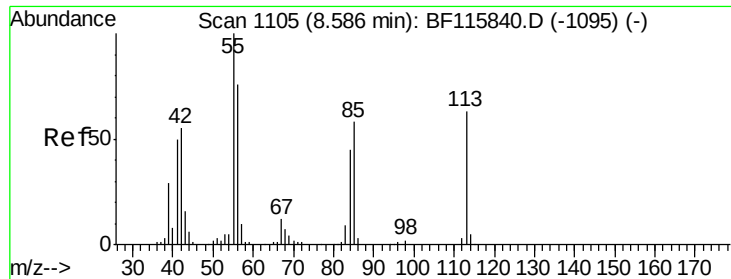
#34
Hexachlorobutadiene
Concen: 41.088 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:	225	Resp:	194564
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	64.2	51.6	77.4



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

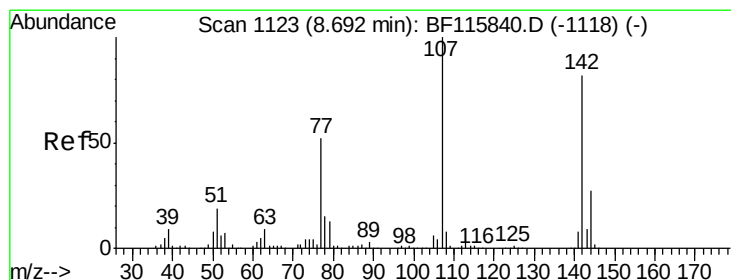
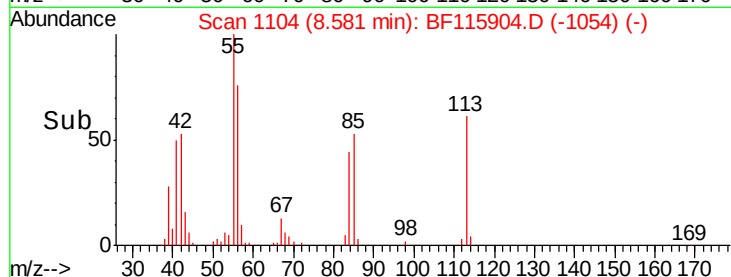
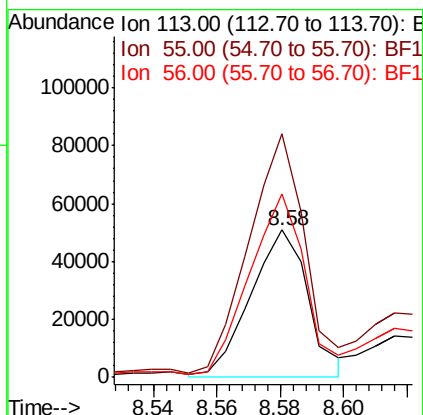
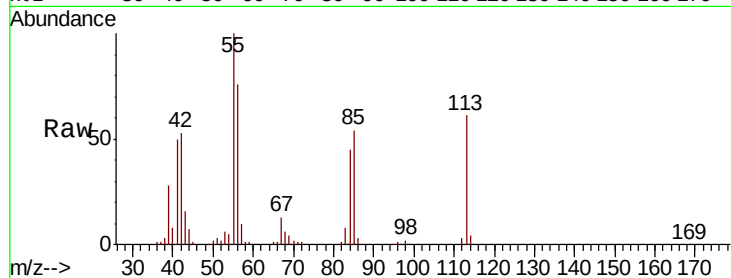




#35
 Caprolactam
 Concen: 27.560 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

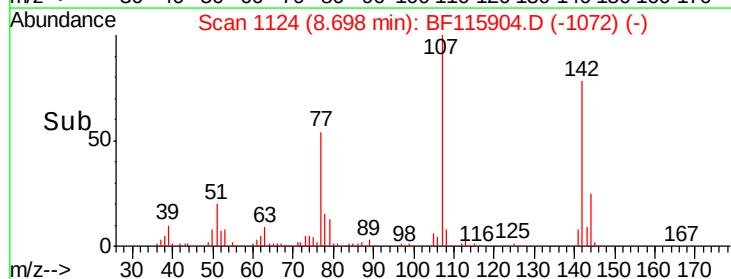
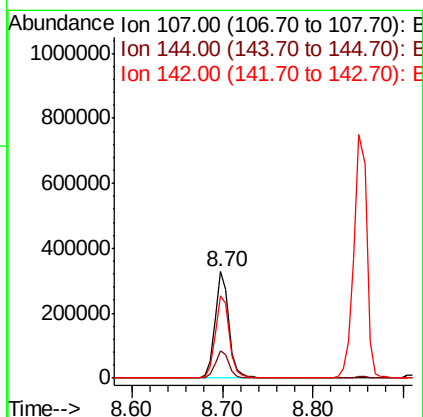
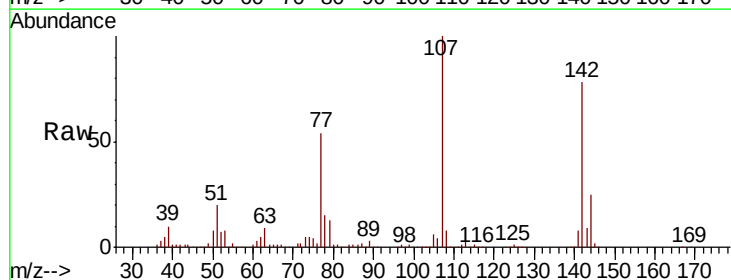
Instrument :
 BNA_F
 ClientSampled :

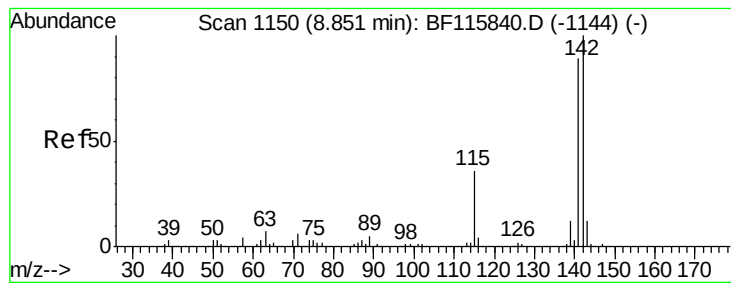
Tot Ion:113 Resp: 64286
 Ion Ratio Lower Upper
 113 100
 55 165.2 138.1 178.1
 56 124.7 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.457 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:107 Resp: 348558
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.4 32.0
 142 77.8 65.5 98.3

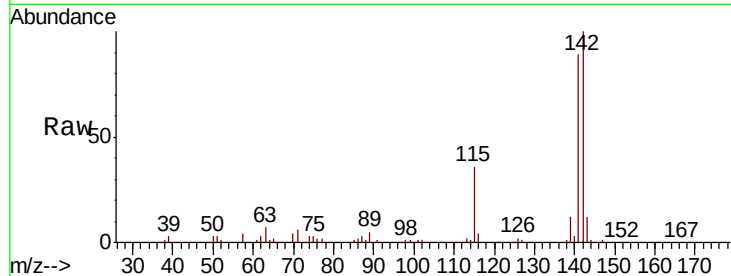




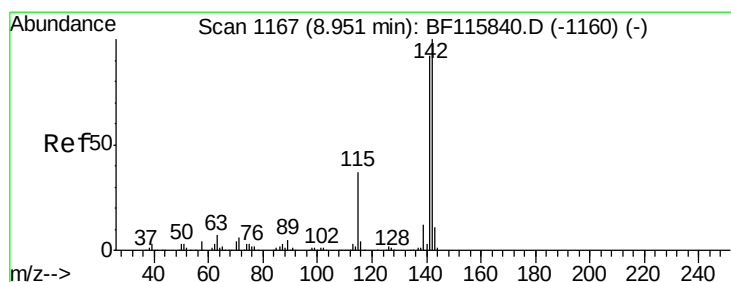
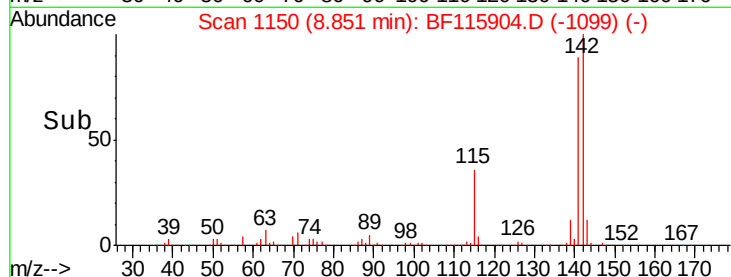
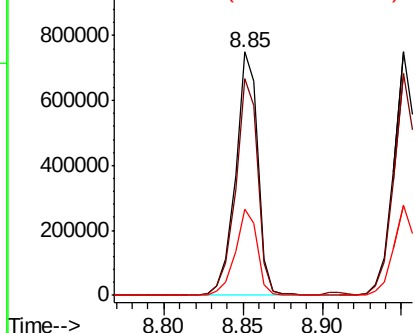
#37
2-Methylnaphthalene
Concen: 45.739 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.6	28.9	43.3

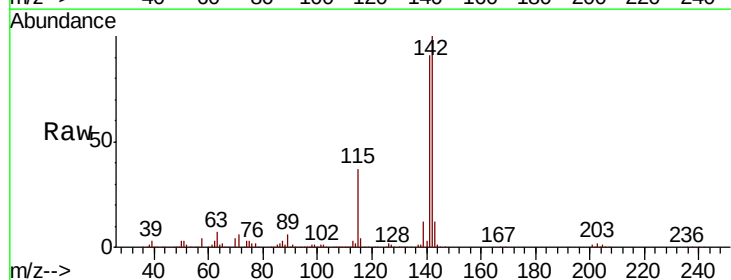


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

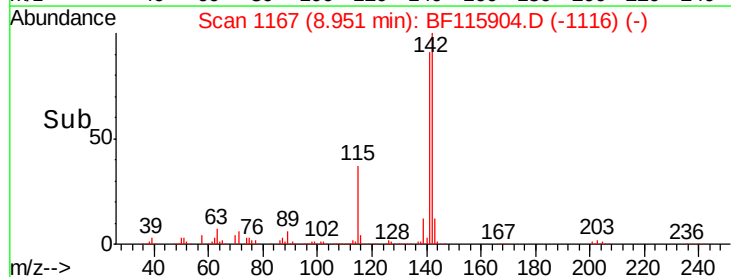
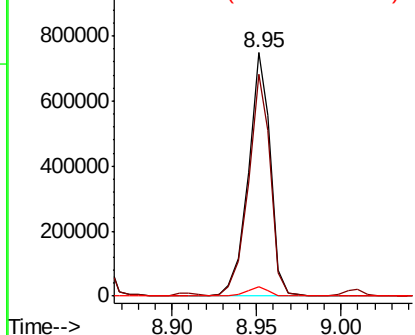


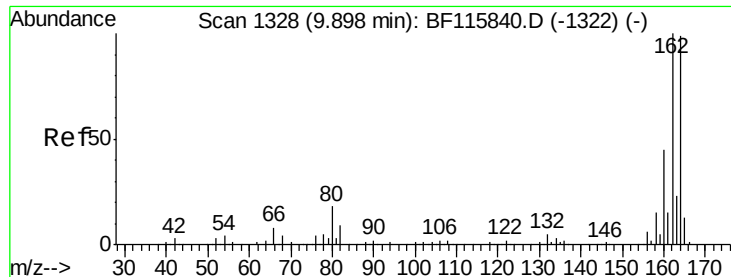
#38
1-Methylnaphthalene
Concen: 45.032 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.6
116	3.8	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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

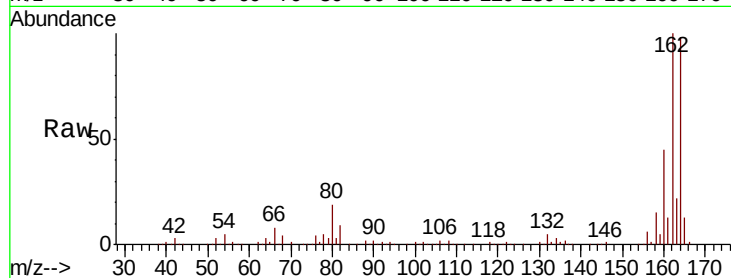
Tot Ion:164 Resp: 271102

Ion Ratio Lower Upper

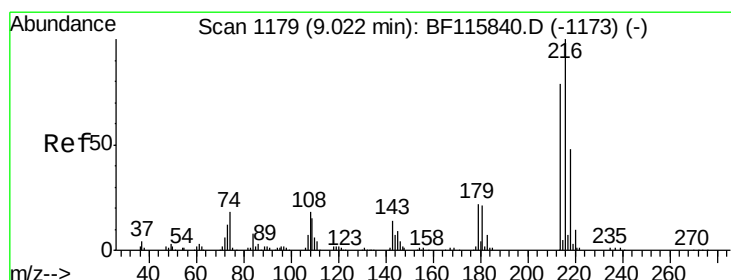
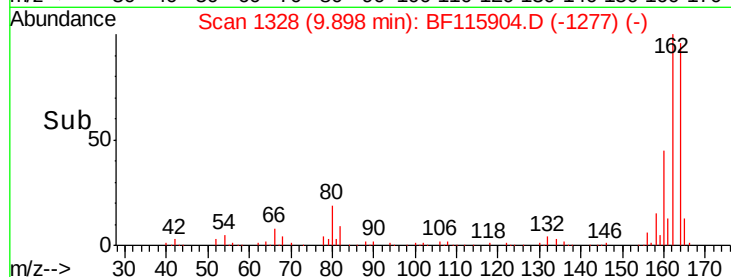
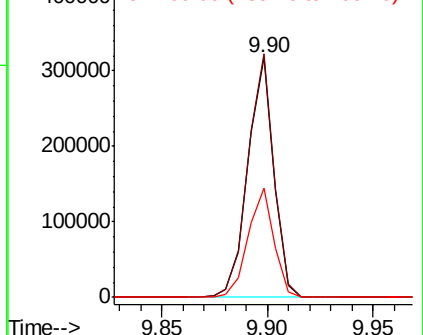
164 100

162 101.7 80.8 121.2

160 45.6 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: 45.525 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:216 Resp: 329951

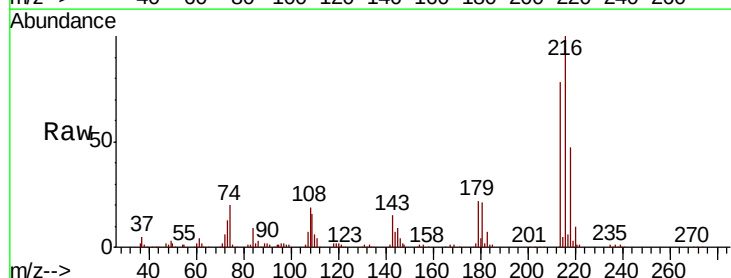
Ion Ratio Lower Upper

216 100

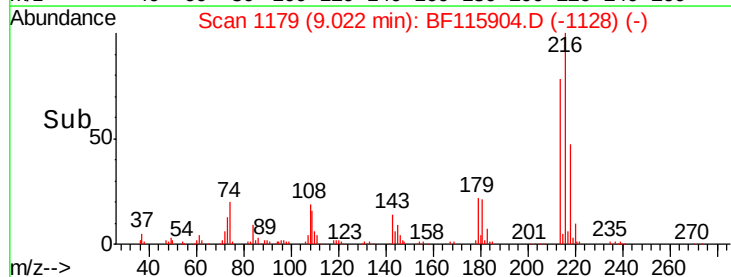
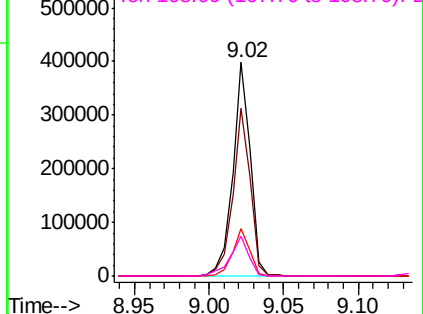
214 78.2 62.8 94.2

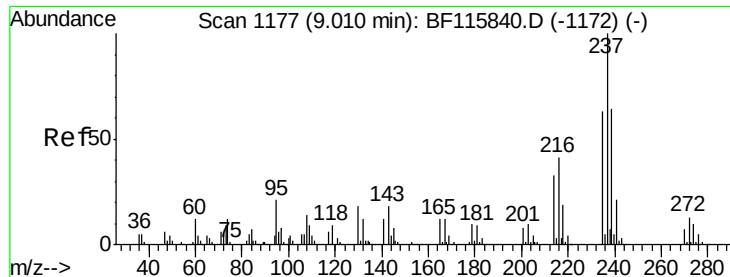
179 21.8 17.6 26.4

108 20.1 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

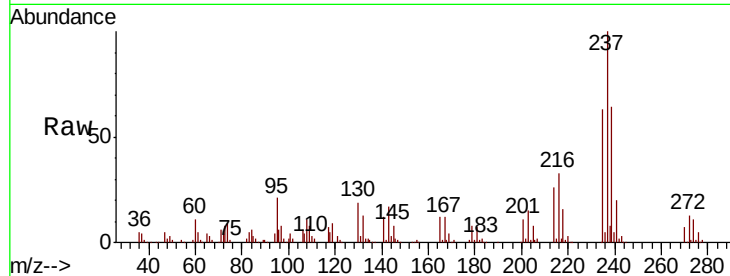




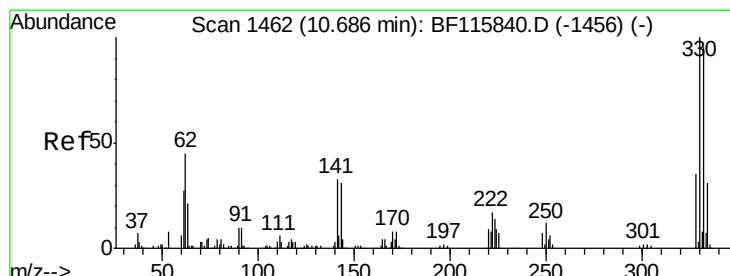
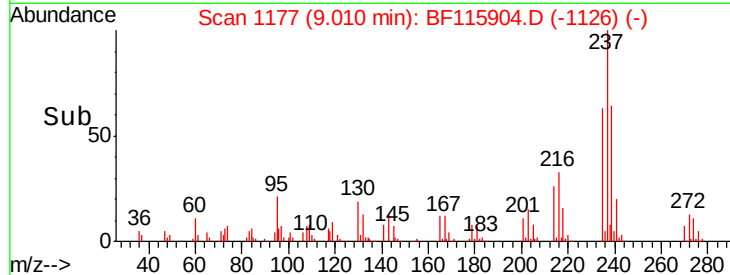
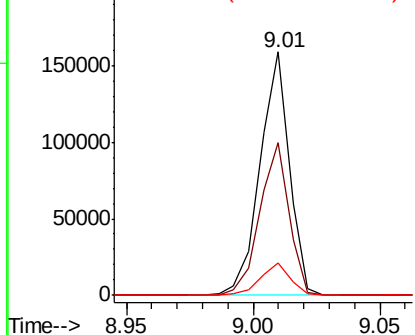
#41
Hexachlorocyclopentadiene
Concen: 42.618 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.5	82.5
272	13.1	0.0	33.3

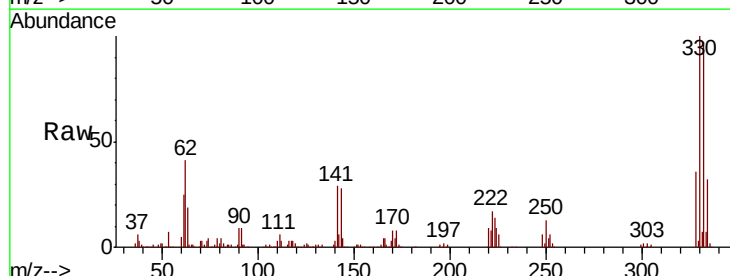


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

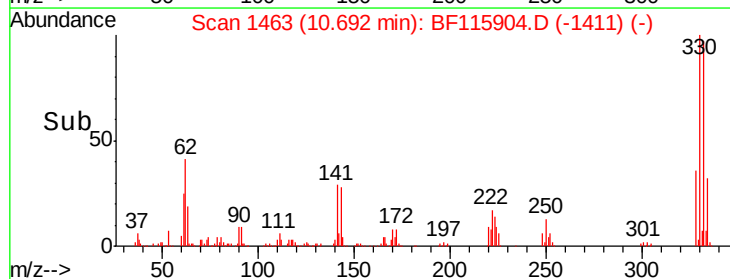
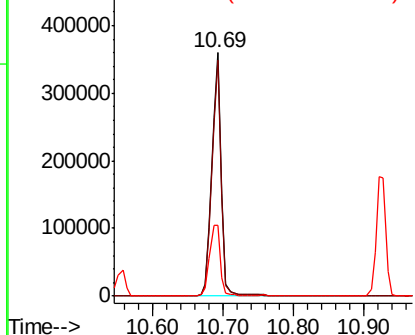


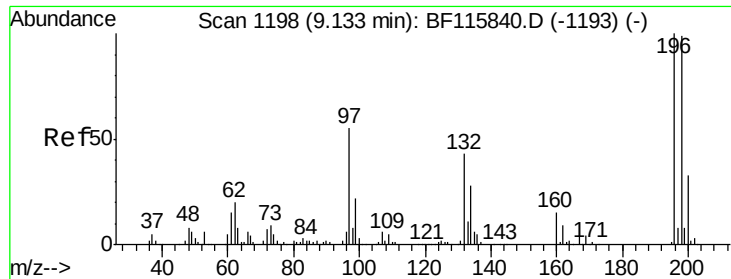
#42
2,4,6-Tribromophenol
Concen: 127.828 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	33.2	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

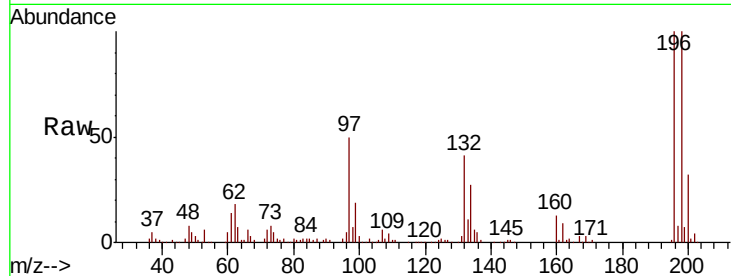




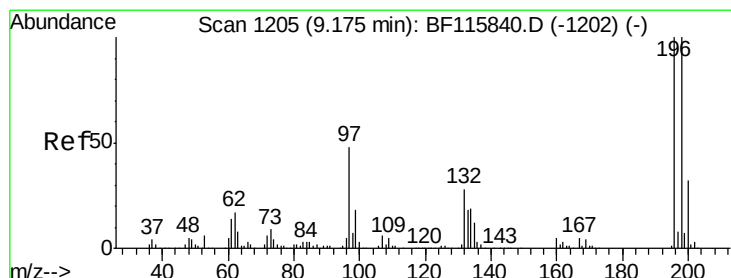
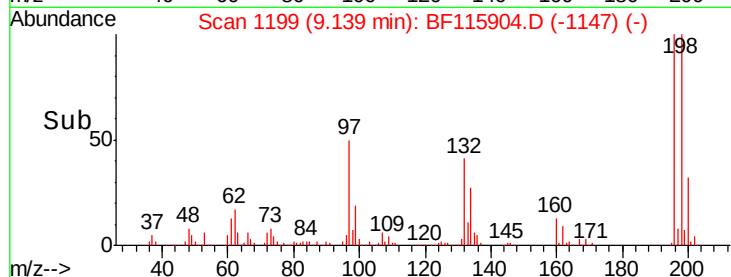
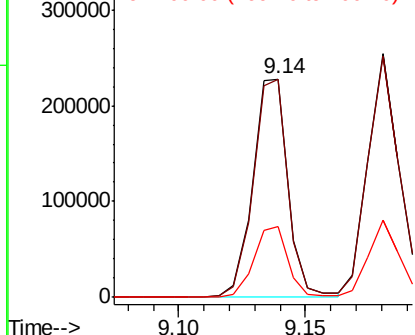
#43
 2,4,6-Trichlorophenol
 Concen: 44.141 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 220204
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.1 118.7
 200 32.5 26.0 39.0

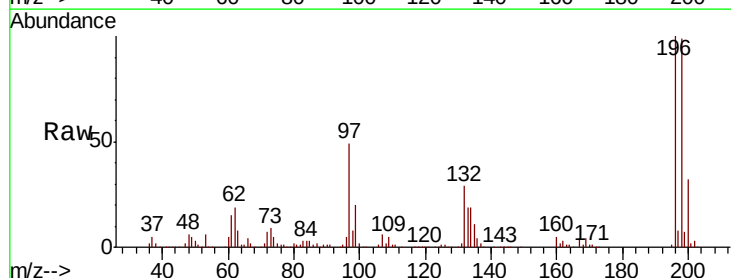


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

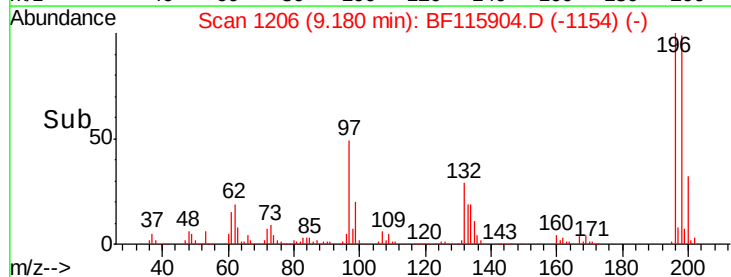
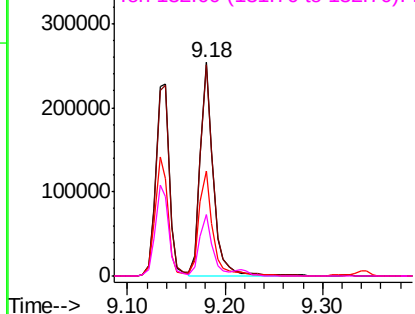


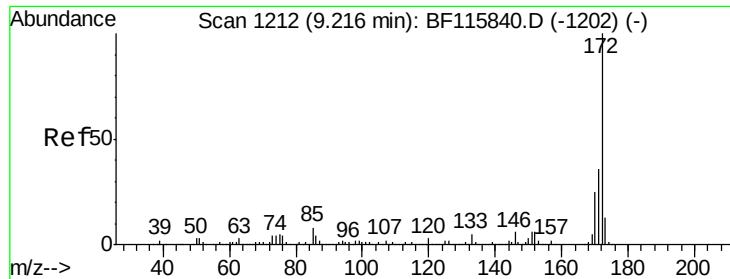
#44
 2,4,5-Trichlorophenol
 Concen: 45.654 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:196 Resp: 235426
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.1 120.1
 97 49.0 38.9 58.3
 132 28.5 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

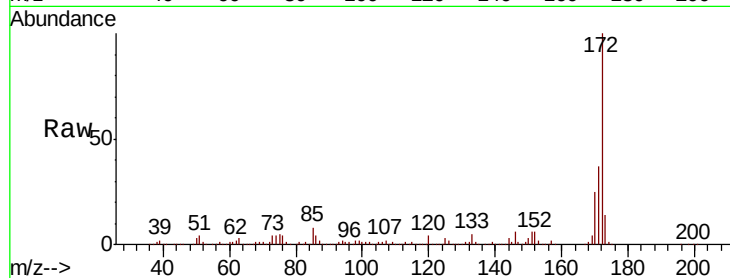




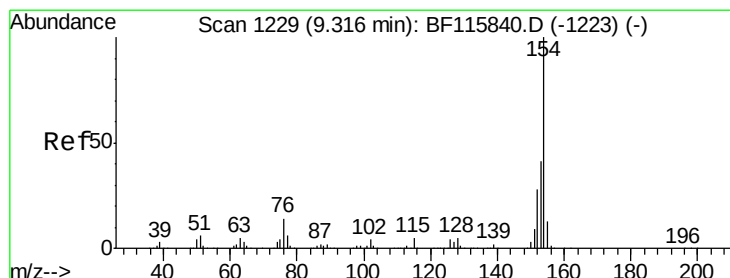
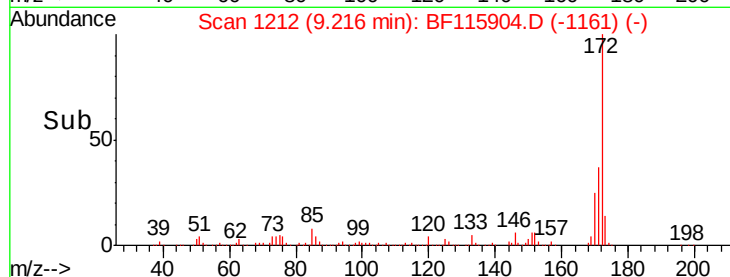
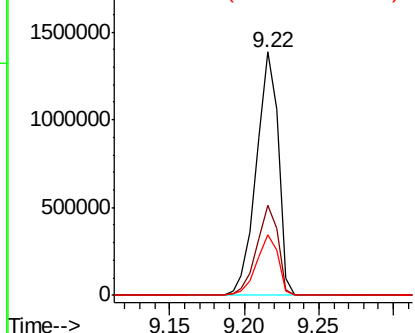
#45
2-Fluorobiphenyl
Concen: 96.342 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1394427
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.1 20.1 30.1

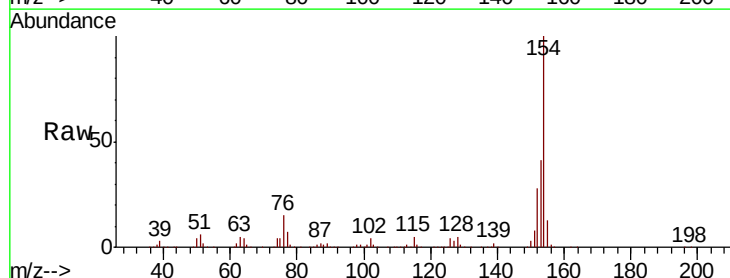


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

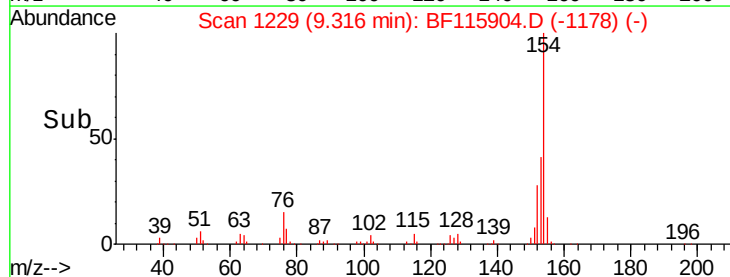
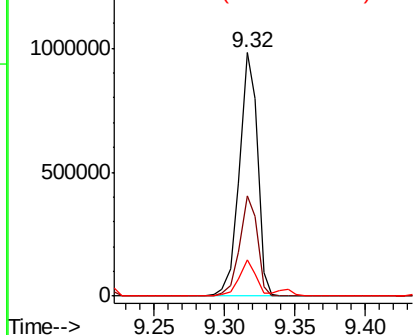


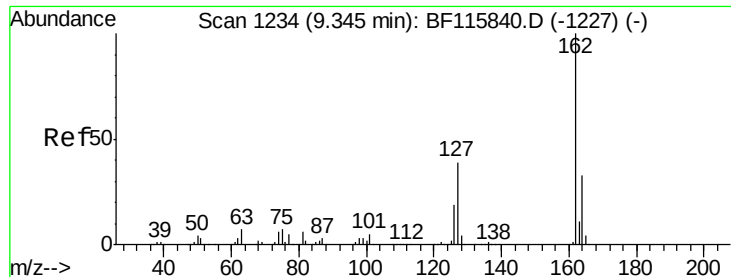
#46
1,1'-Biphenyl
Concen: 45.820 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:154 Resp: 876980
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 14.8 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

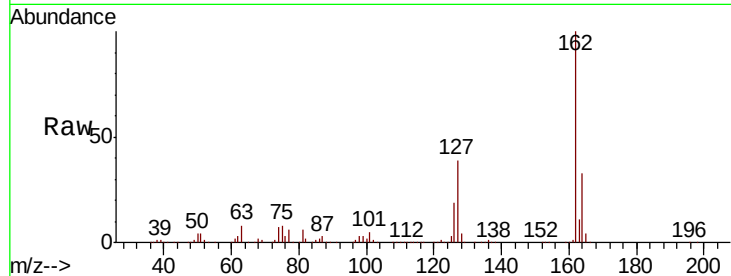




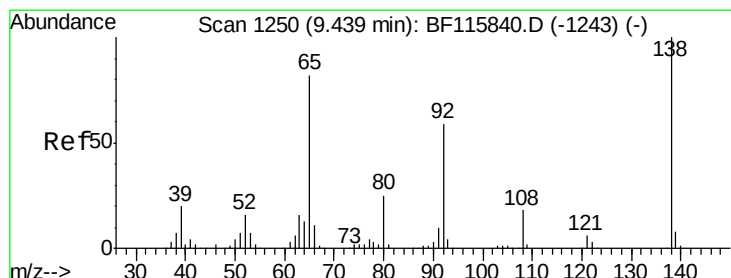
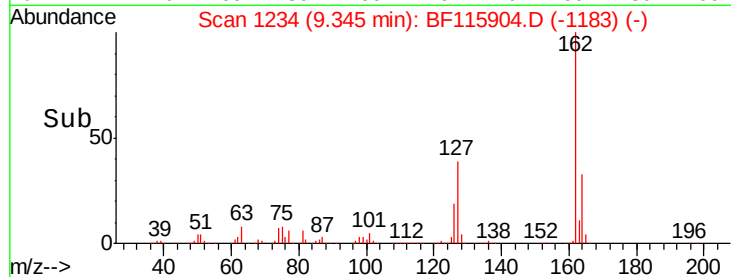
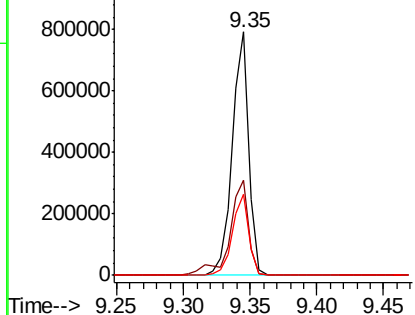
#47
 2-Chloronaphthalene
 Concen: 43.364 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	690788
Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	33.1	26.6	40.0

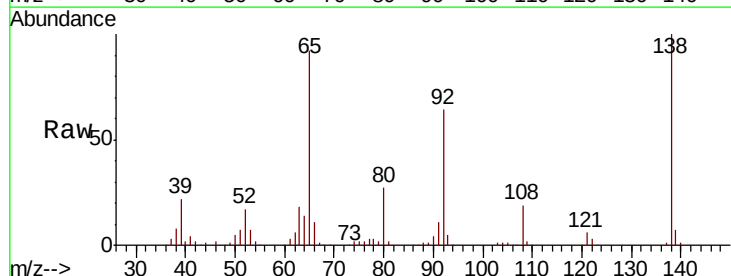


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

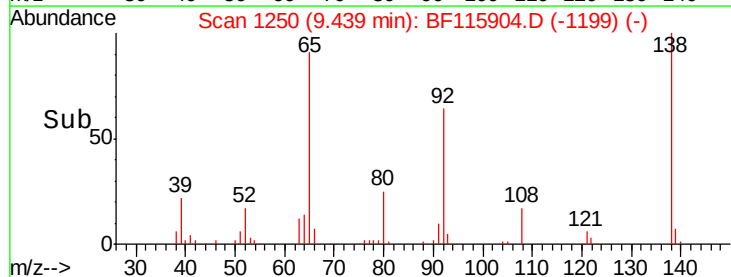
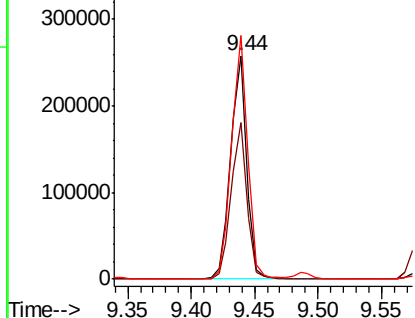


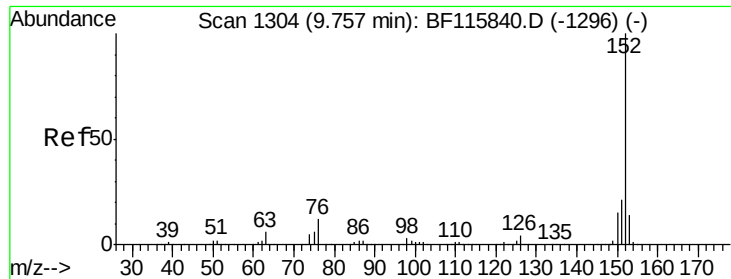
#48
 2-Nitroaniline
 Concen: 42.945 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:	65	Resp:	226126
Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.1	85.7
138	108.8	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: 45.631 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

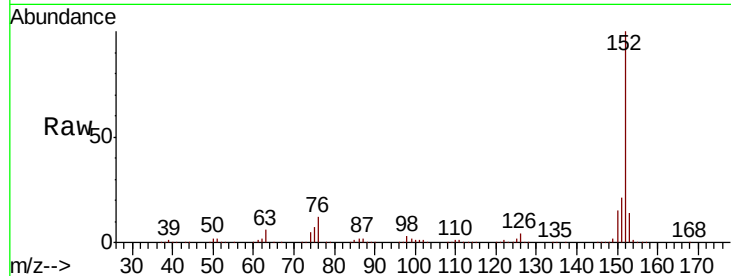
Tot Ion:152 Resp: 1060475

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

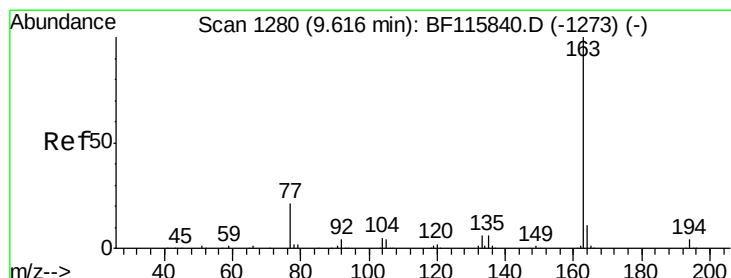
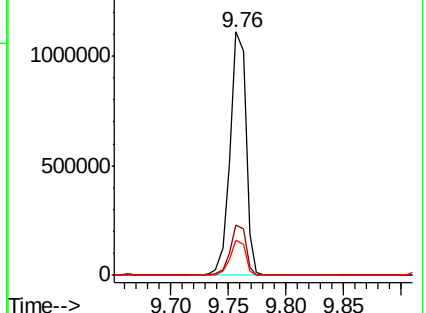
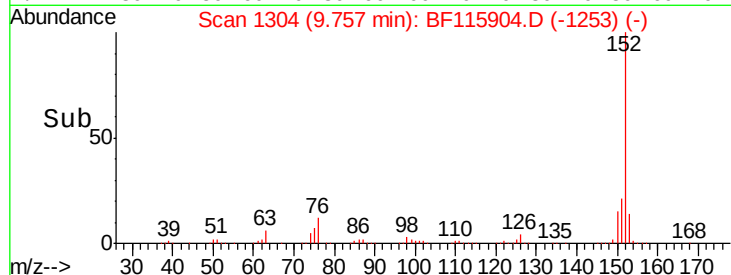
153 14.2 11.6 17.4



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: 62.506 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

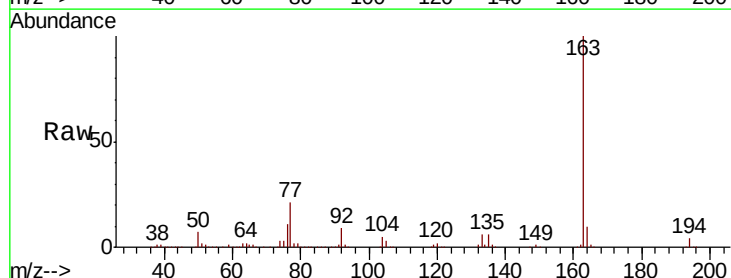
Tgt Ion:163 Resp: 1153789

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

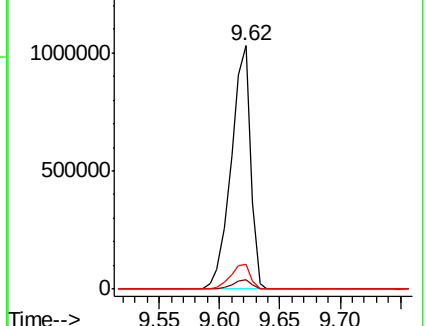
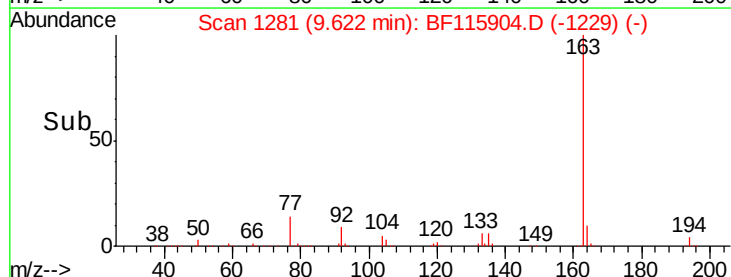
164 10.3 8.4 12.6

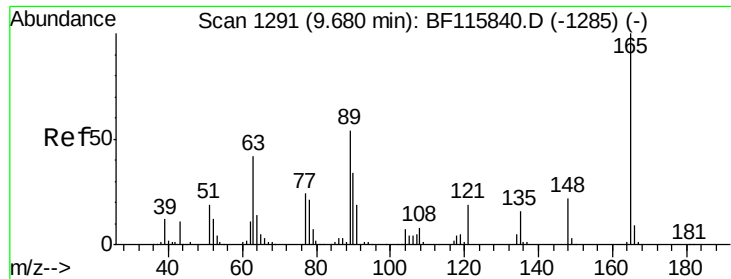


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

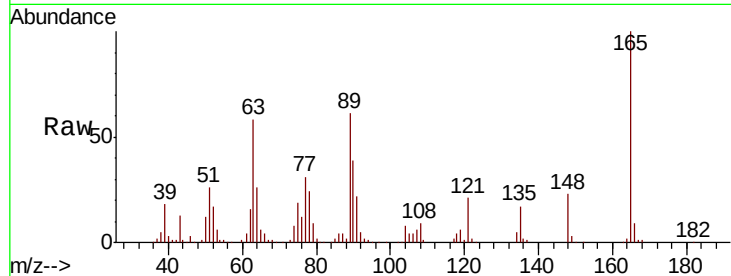




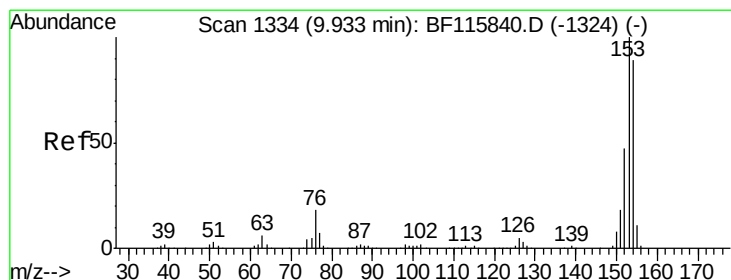
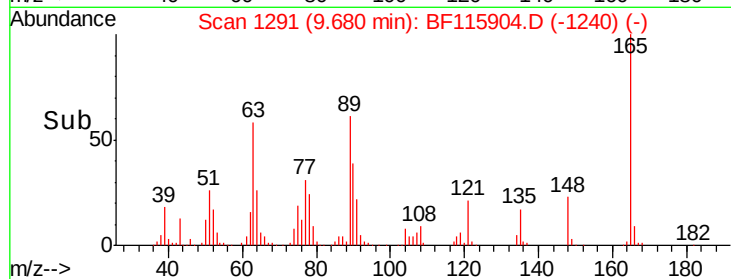
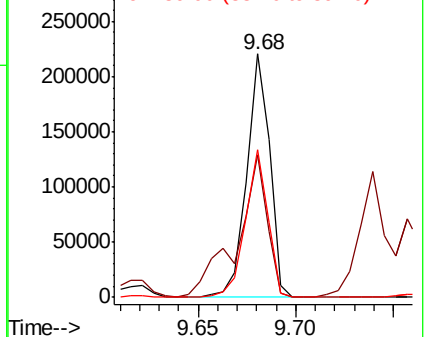
#51
 2,6-Dinitrotoluene
 Concen: 44.960 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	39.4	59.2
89	60.9	43.0	64.6

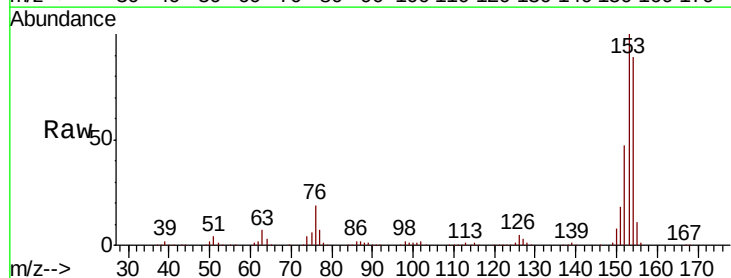


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

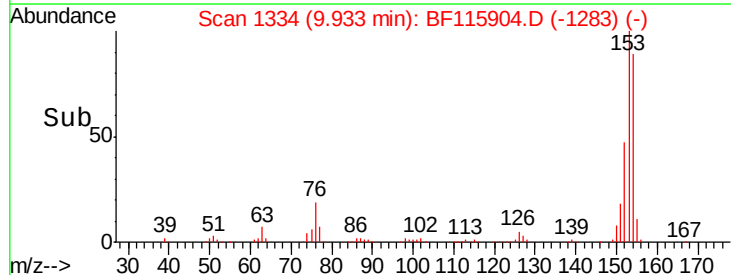
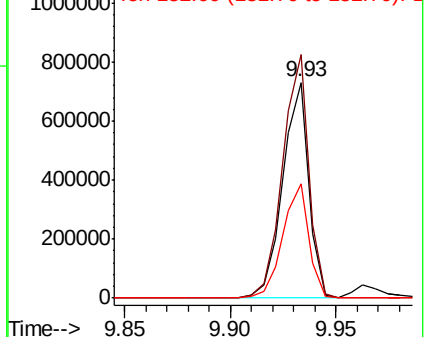


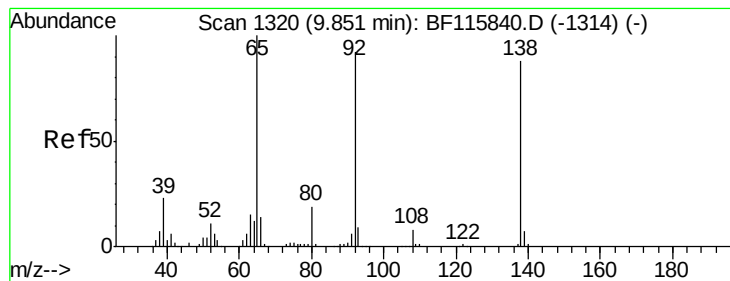
#52
 Acenaphthene
 Concen: 44.097 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	53.2	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: 23.041 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

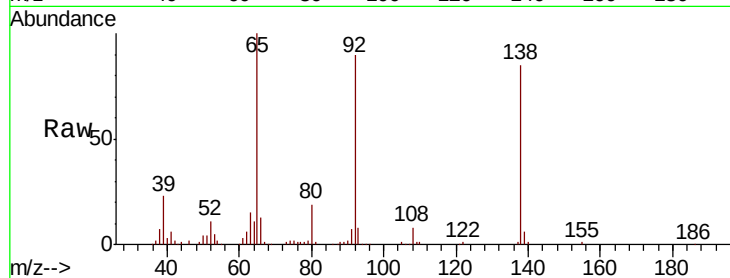
Tot Ion:138 Resp: 114208

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.2

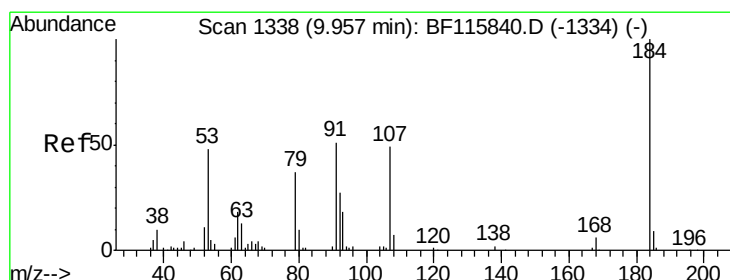
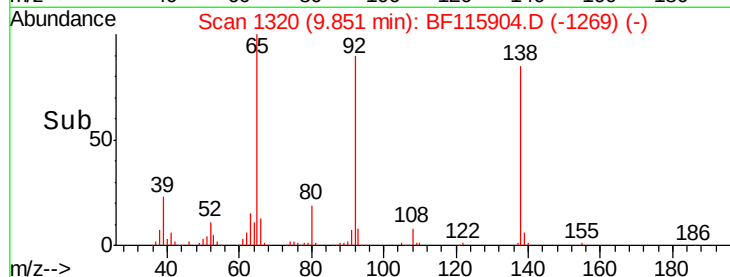
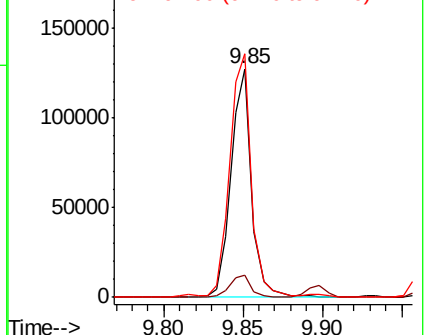
92 106.6 83.9 125.9



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: 39.983 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

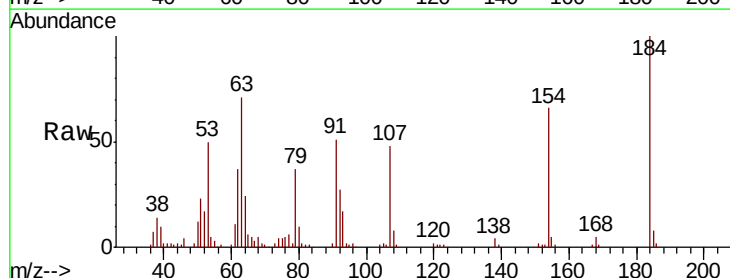
Tgt Ion:184 Resp: 72741

Ion Ratio Lower Upper

184 100

63 71.1 56.7 85.1

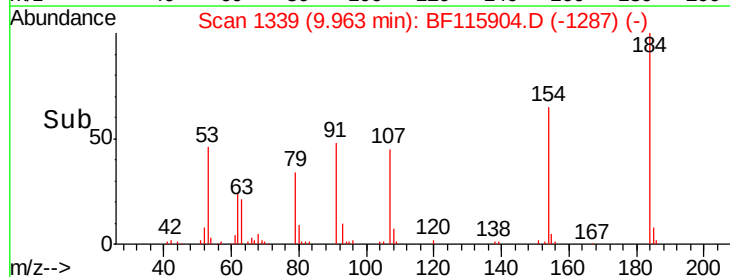
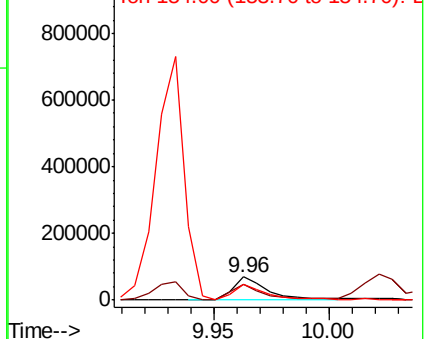
154 66.0 51.9 77.9

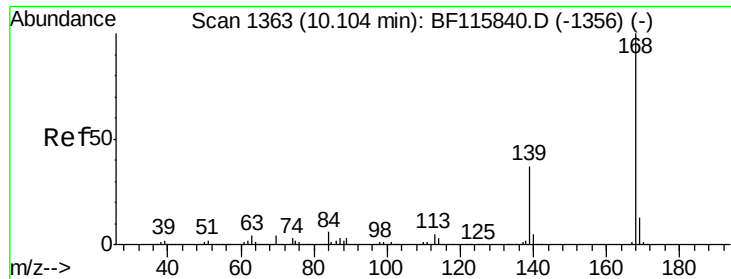


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

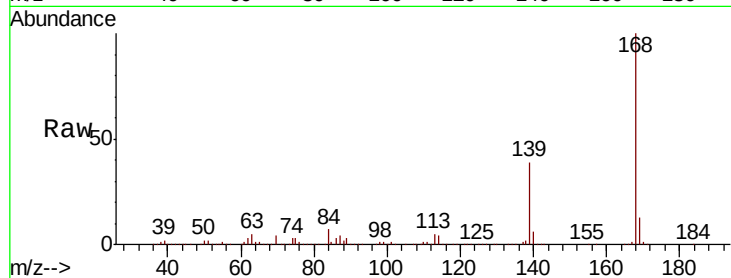




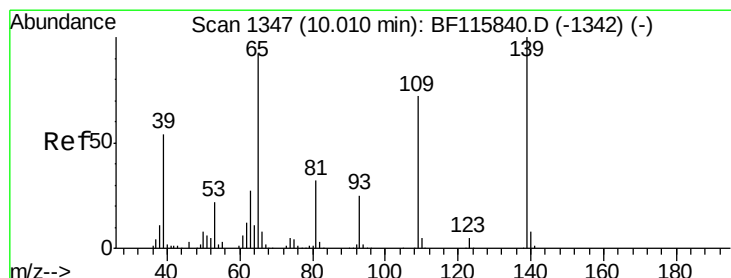
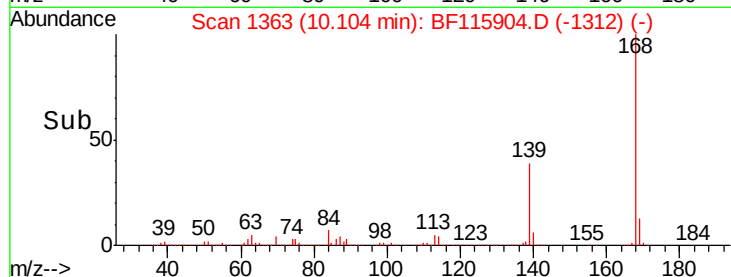
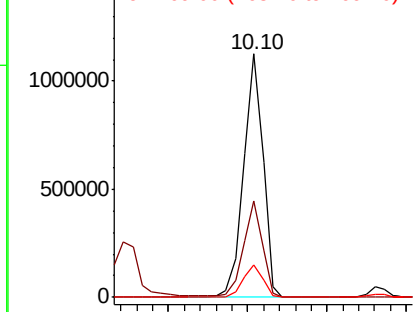
#55
Dibenzofuran
Concen: 45.741 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 948401
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.2
169 13.4 10.8 16.2

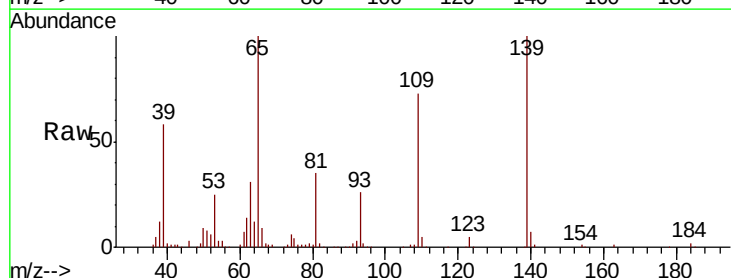


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

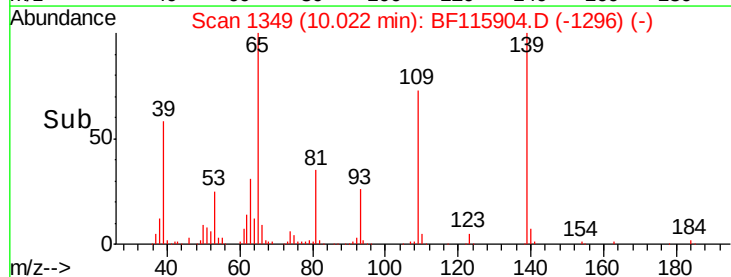
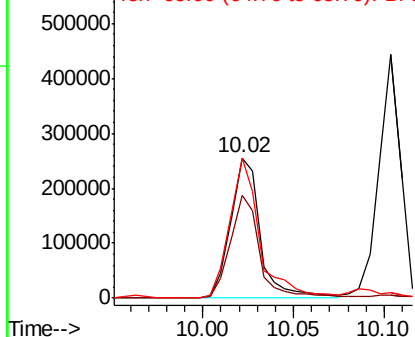


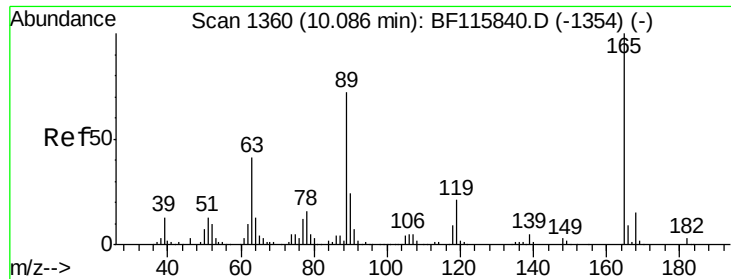
#56
4-Nitrophenol
Concen: 91.972 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:139 Resp: 292033
Ion Ratio Lower Upper
139 100
109 73.0 52.0 92.0
65 99.7 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

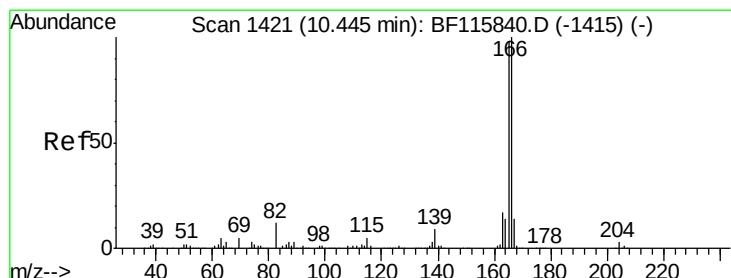
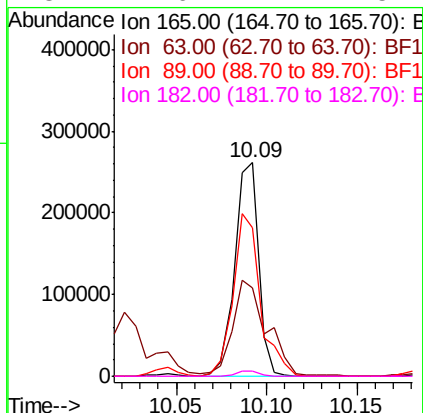
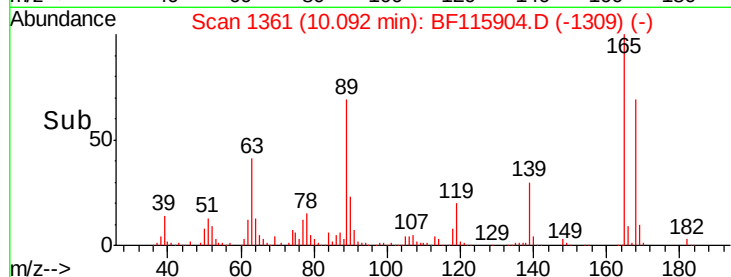
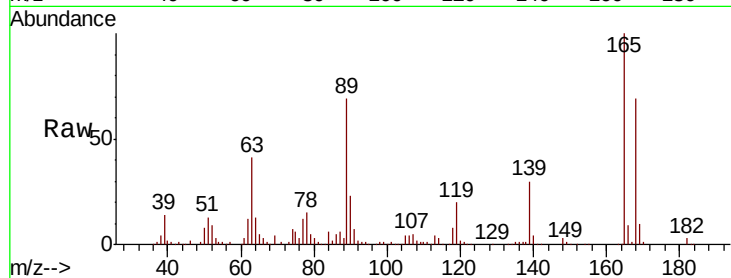




#57
2,4-Dinitrotoluene
Concen: 45.027 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

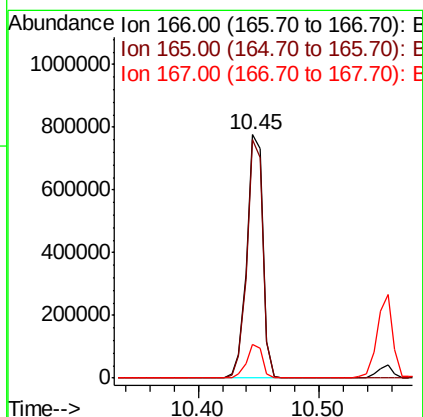
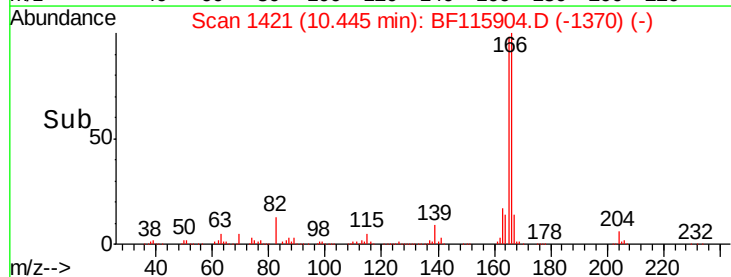
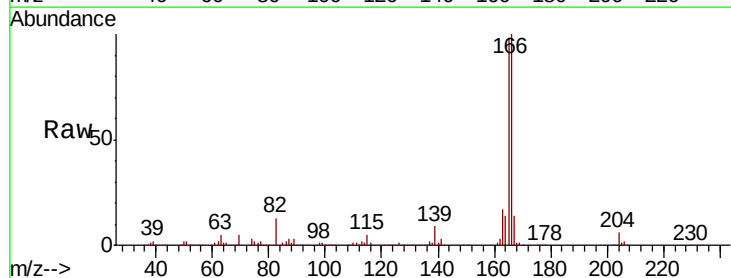
Instrument :
BNA_F
ClientSampleId :

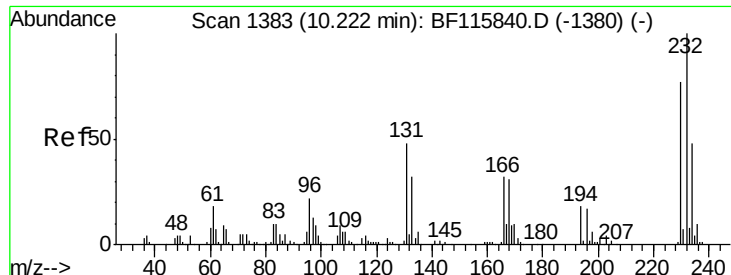
Tot Ion:165	Resp:	240485
Ion Ratio	Lower	Upper
165	100	
63	41.1	33.2 49.8
89	69.3	57.3 85.9
182	2.6	2.1 3.1



#58
Fluorene
Concen: 45.506 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:166	Resp:	725934
Ion Ratio	Lower	Upper
166	100	
165	98.2	78.6 118.0
167	13.9	10.9 16.3

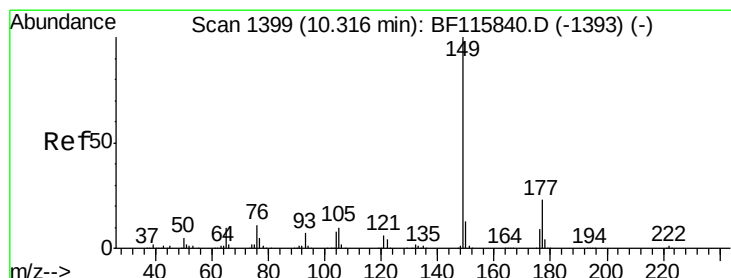
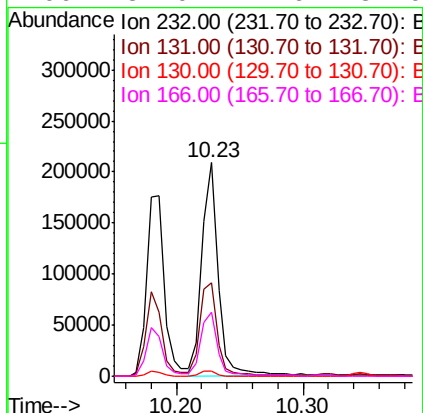
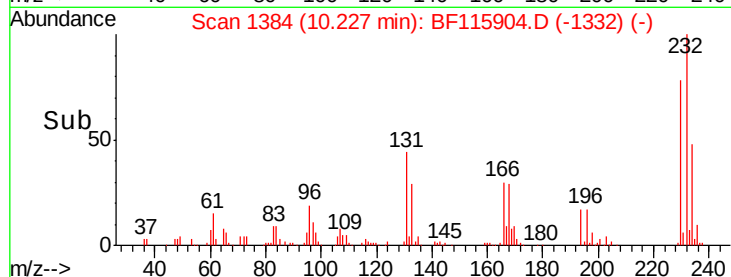
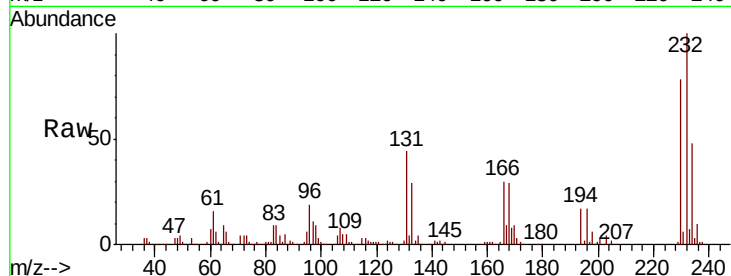




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.037 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

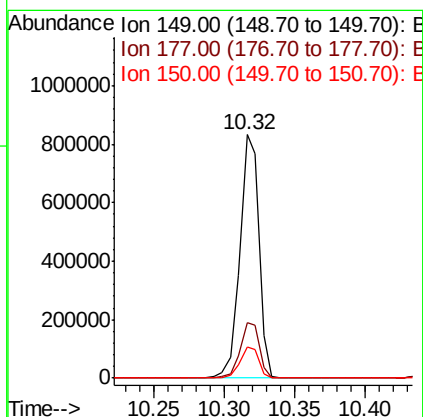
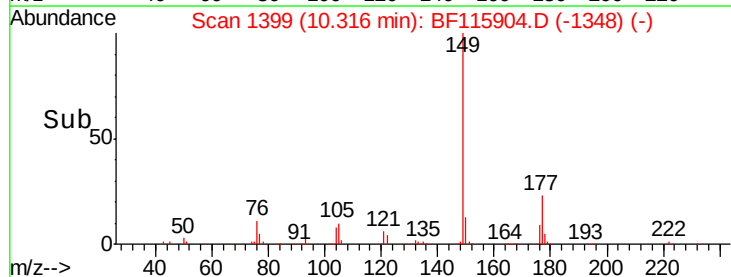
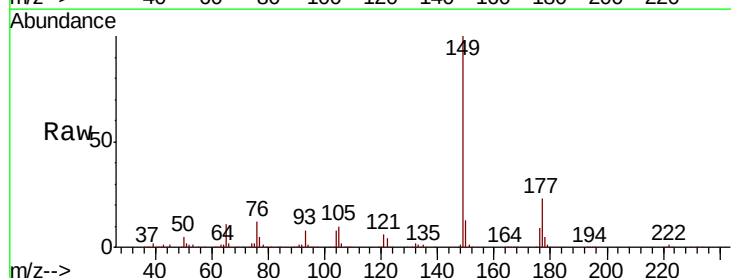
Instrument :
 BNA_F
 ClientSampleId :

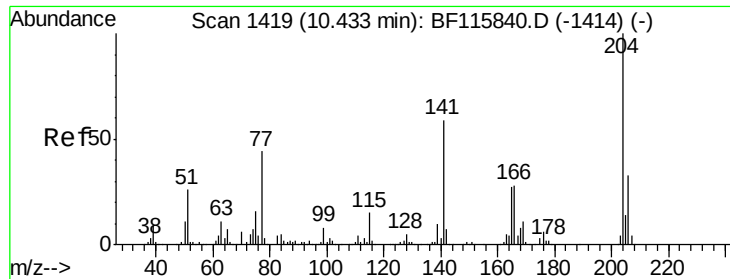
Tot Ion:232 Resp: 186716
 Ion Ratio Lower Upper
 232 100
 131 46.6 37.6 56.4
 130 2.4 1.8 2.8
 166 31.0 24.6 37.0



#60
 Diethylphthalate
 Concen: 45.277 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:149 Resp: 780291
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.4 27.6
 150 13.0 10.1 15.1

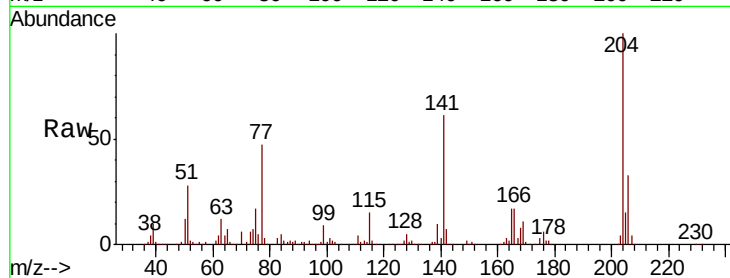




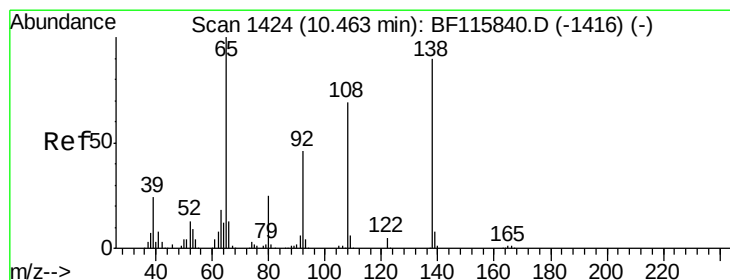
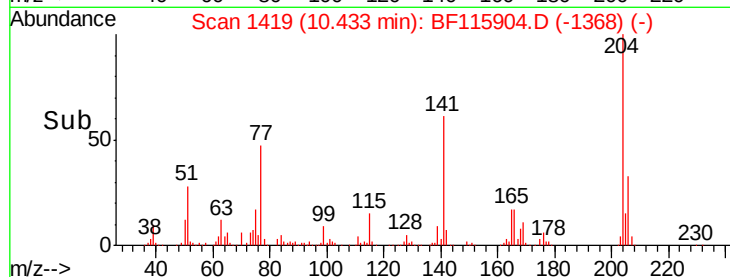
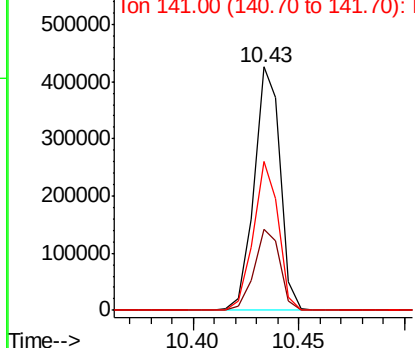
#61
4-Chlorophenyl-phenylether
Concen: 45.127 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 364582
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 61.3 47.0 70.4

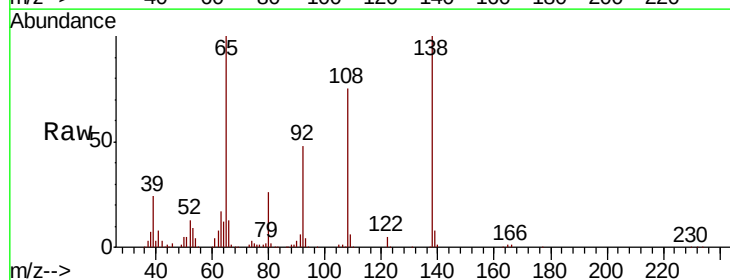


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

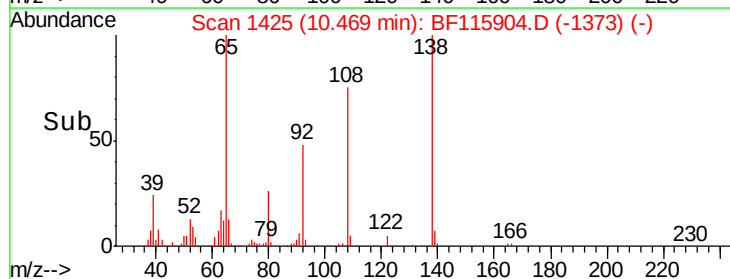
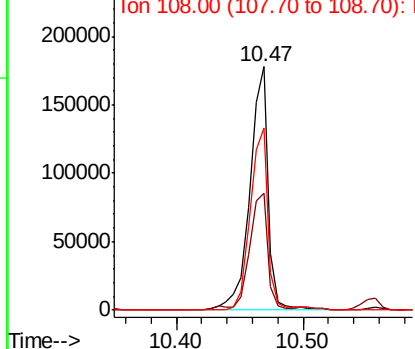


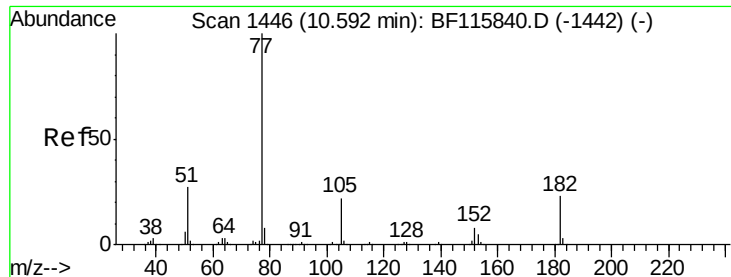
#62
4-Nitroaniline
Concen: 35.197 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:138 Resp: 180293
Ion Ratio Lower Upper
138 100
92 47.8 31.0 71.0
108 74.8 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

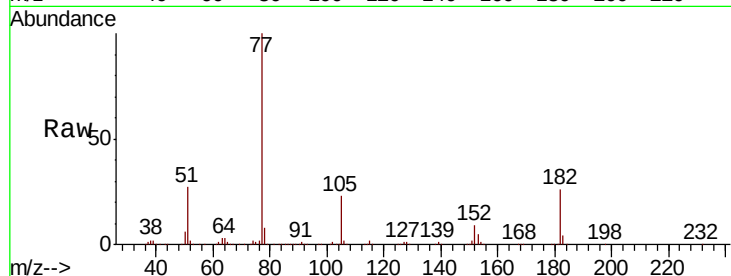




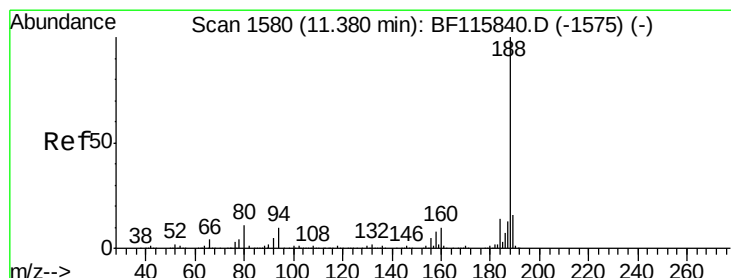
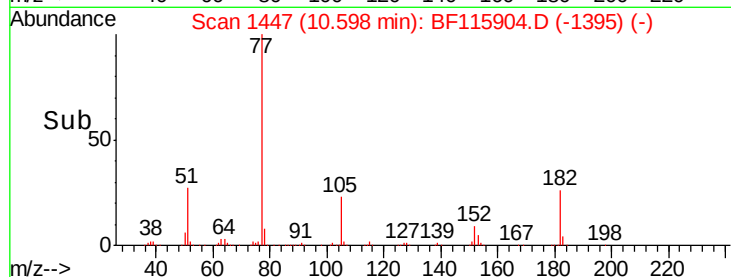
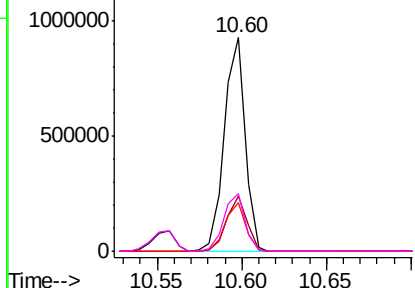
#63
Azobenzene
Concen: 44.893 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	795769
Ion	Ratio	Lower	Upper
77	100		
182	25.9	2.6	42.6
105	22.6	1.6	41.6
51	26.9	7.4	47.4

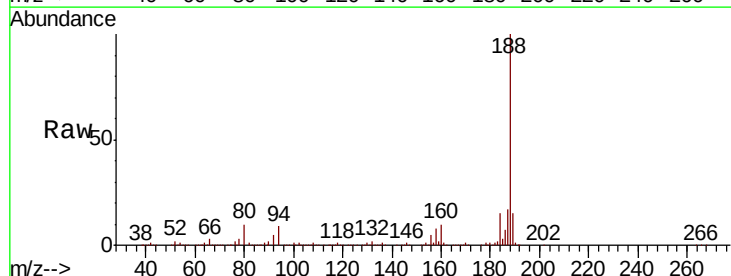


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

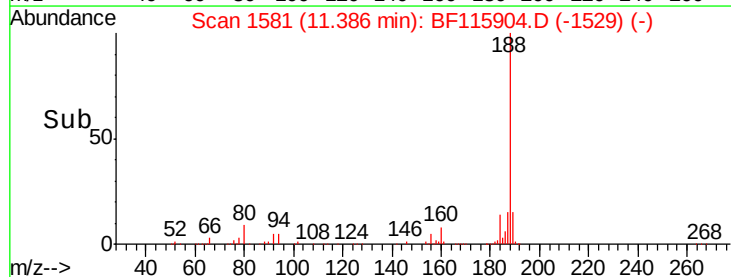
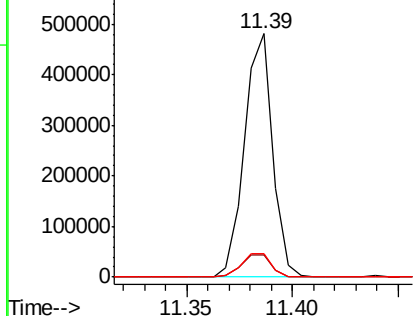


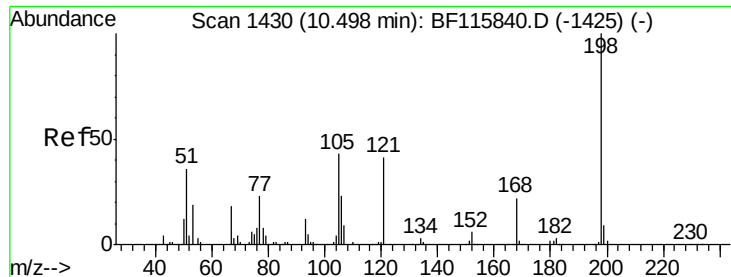
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:	188	Resp:	444862
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.8	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: 28.048 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

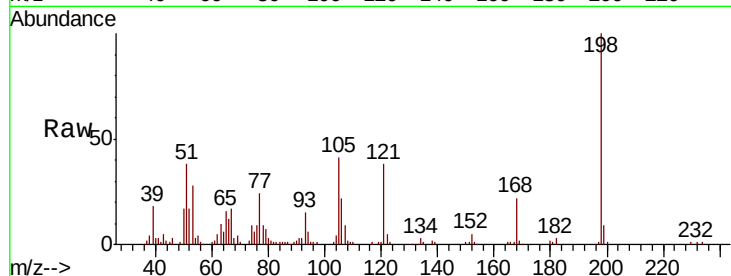
Tot Ion:198 Resp: 66123

Ion Ratio Lower Upper

198 100

51 37.7 21.1 61.1

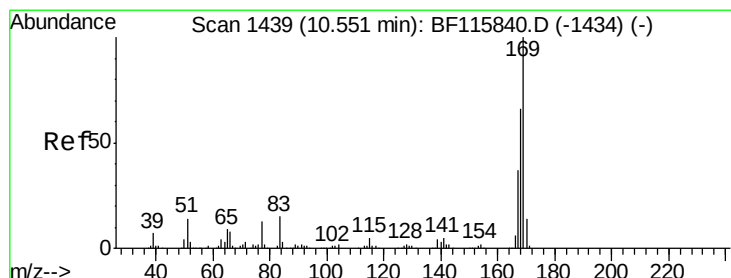
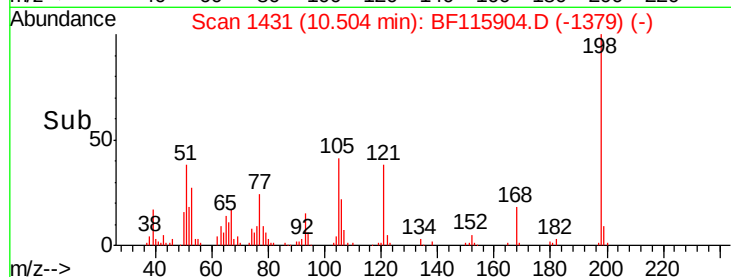
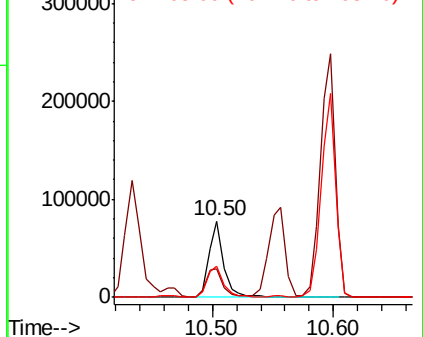
105 40.9 24.5 64.5



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: 48.945 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

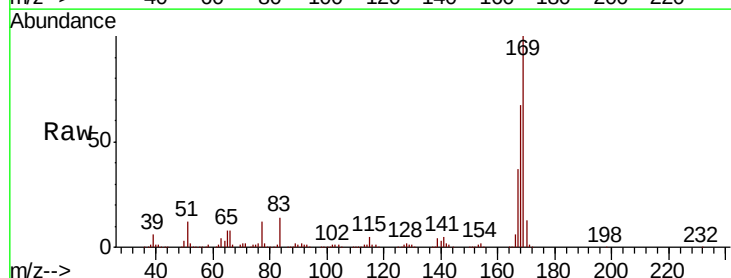
Tgt Ion:169 Resp: 655369

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

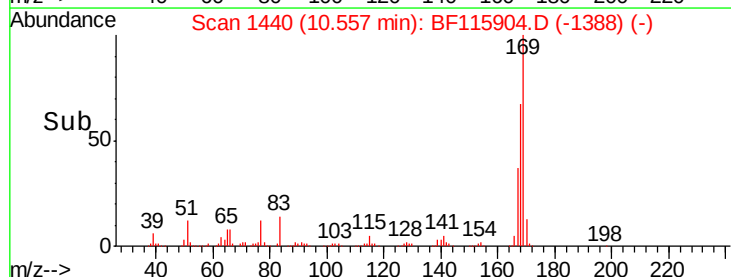
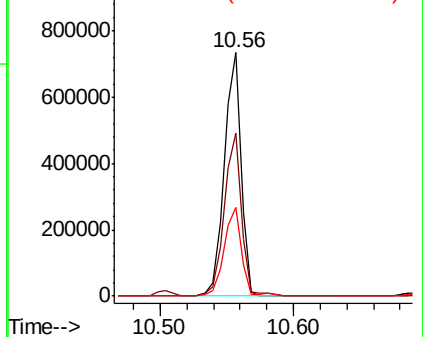
167 36.6 29.9 44.9

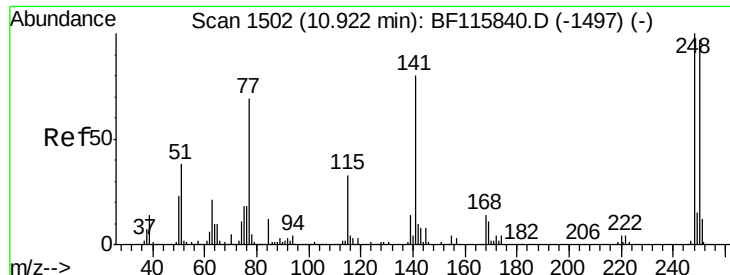


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

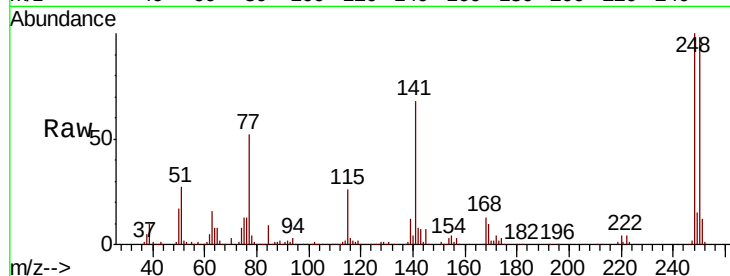




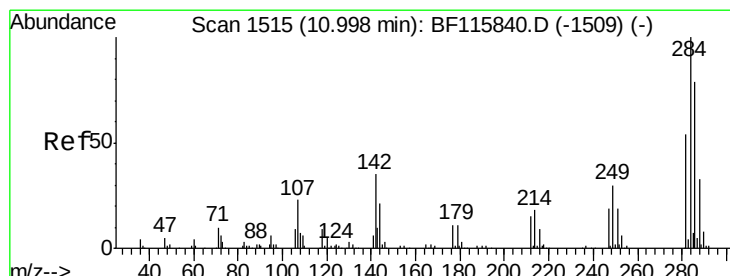
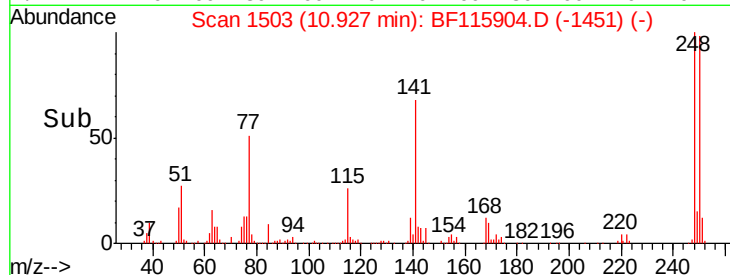
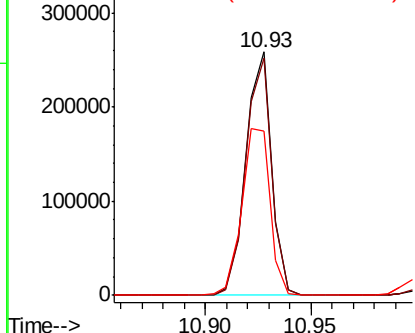
#67
 4-Bromophenyl-phenylether
 Concen: 46.156 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	67.6	64.3	96.5

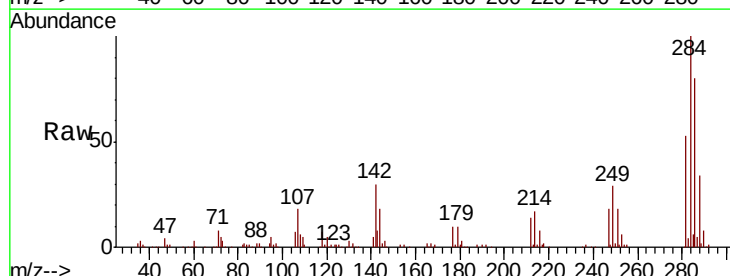


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

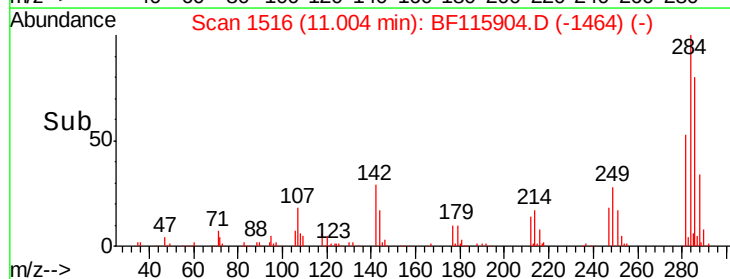
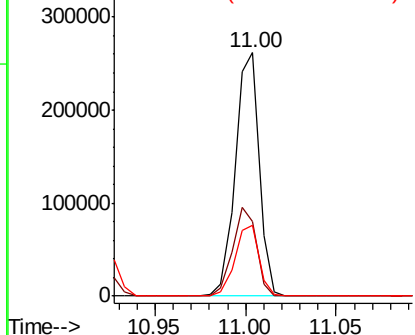


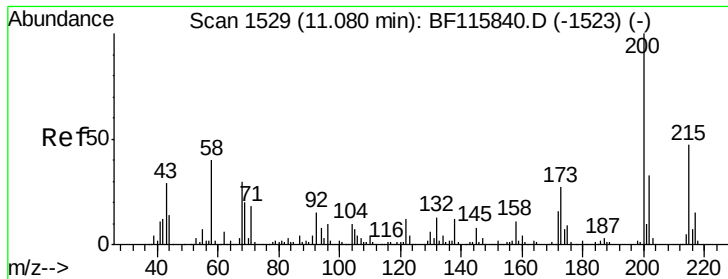
#68
 Hexachlorobenzene
 Concen: 43.542 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.2	42.2
249	29.2	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

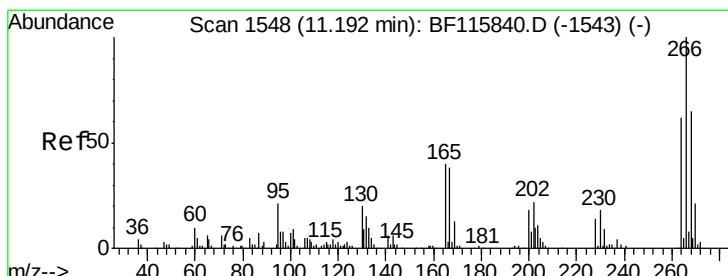
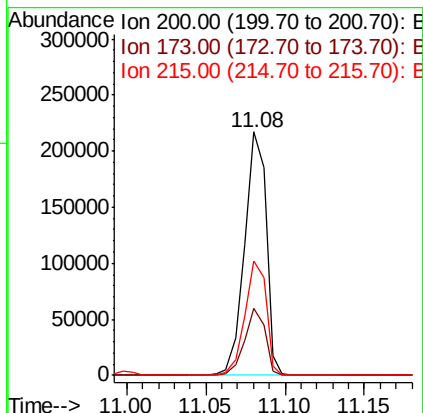
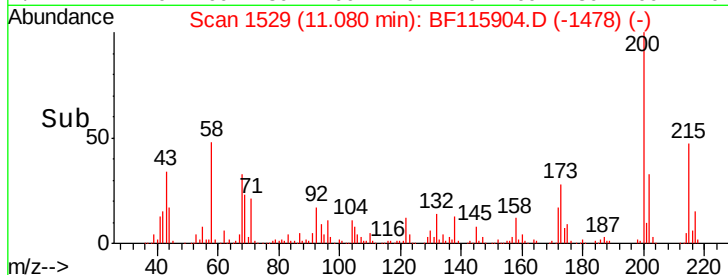
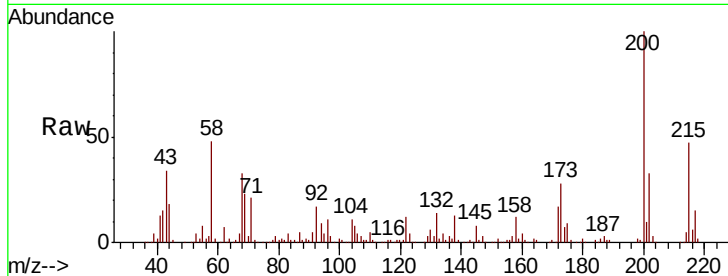




#69
 Atrazine
 Concen: 46.431 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

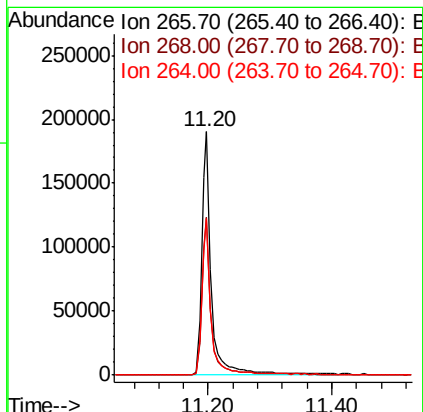
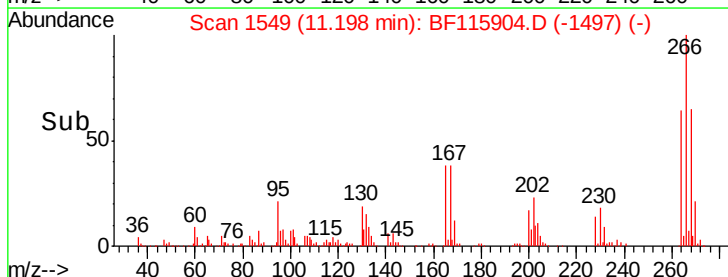
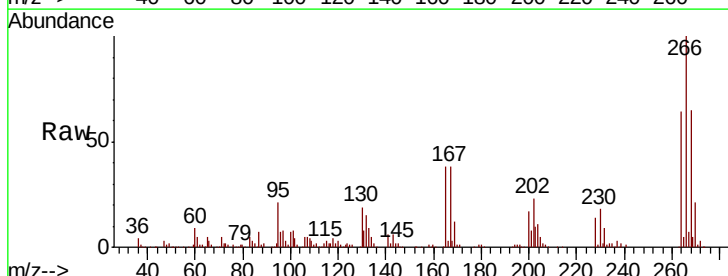
Instrument :
 BNA_F
 ClientSampleId :

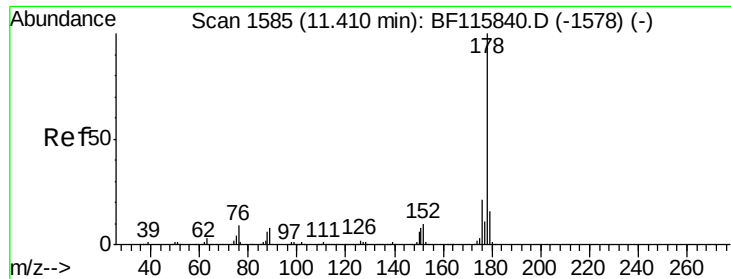
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.3	47.3
215	47.1	26.9	66.9



#70
 Pentachlorophenol
 Concen: 80.355 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	64.4	49.4	74.0





#71

Phenanthrene

Concen: 46.315 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

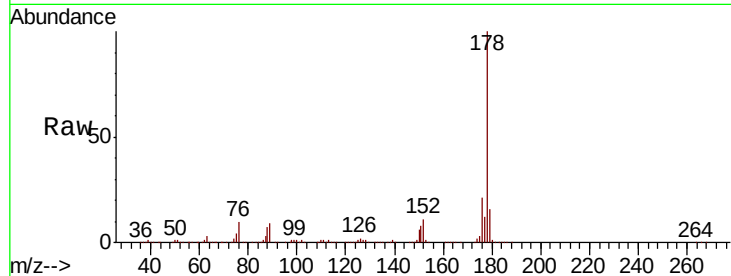
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1053303

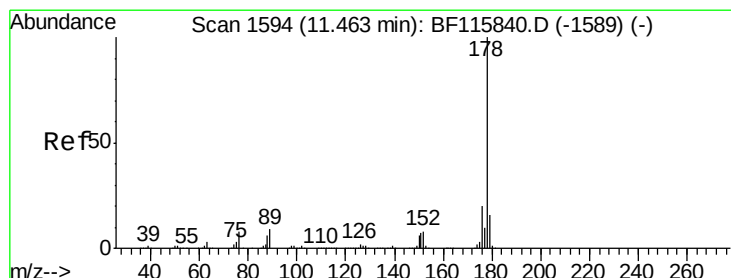
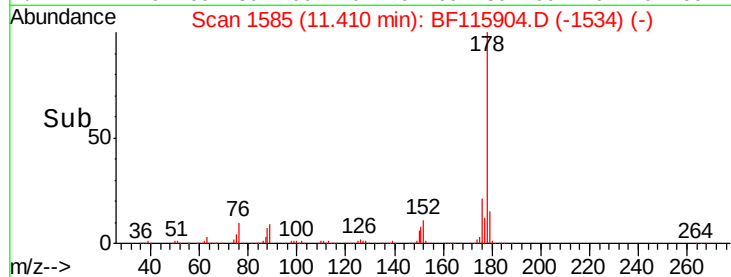
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.5	24.7
179	16.2	12.6	18.8



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: 45.920 ng

RT: 11.46 min Scan# 1594

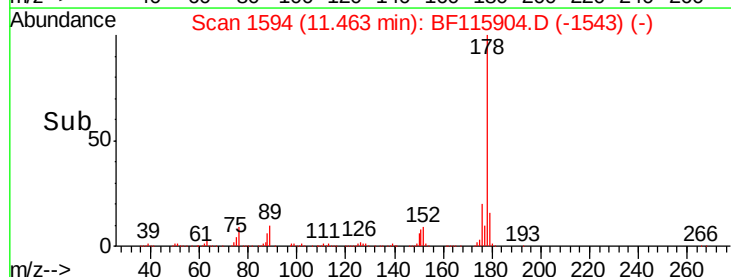
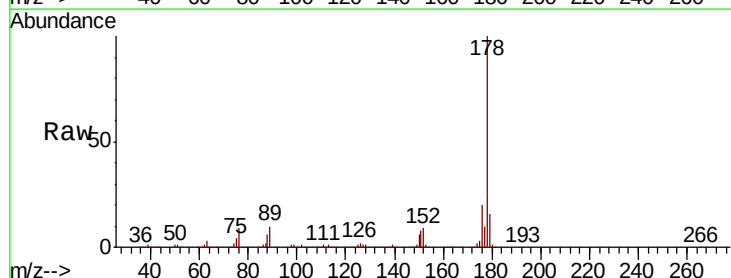
Delta R.T. 0.00 min

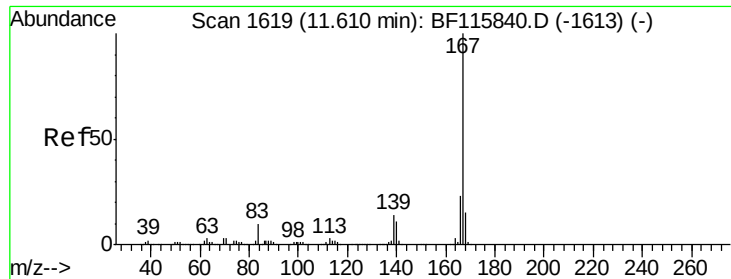
Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:178 Resp: 1056902

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.7	12.4	18.6

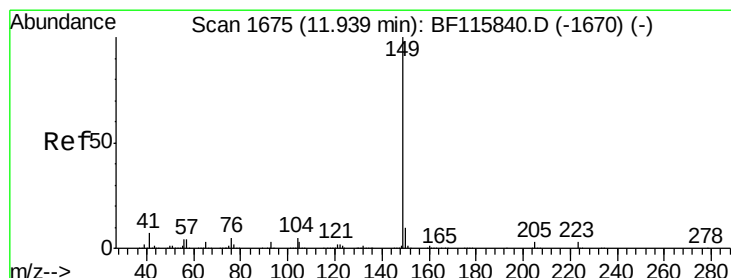
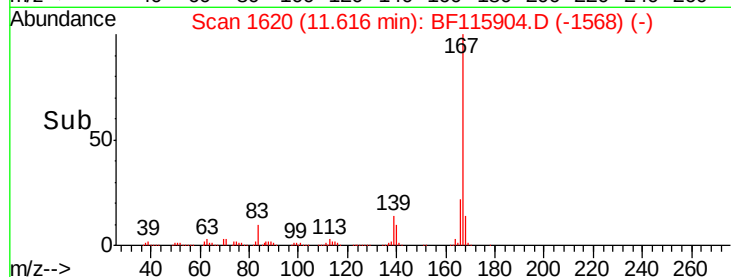
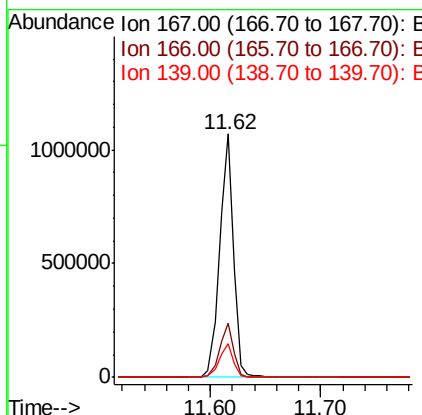
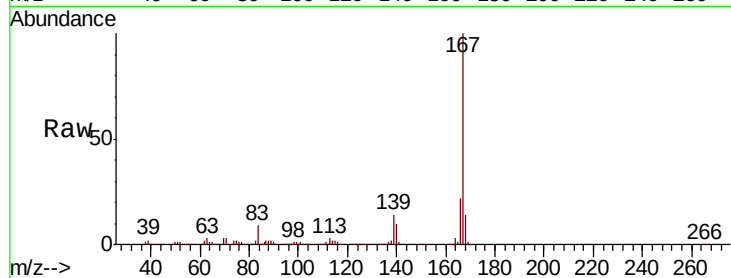




#73
 Carbazole
 Concen: 44.519 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

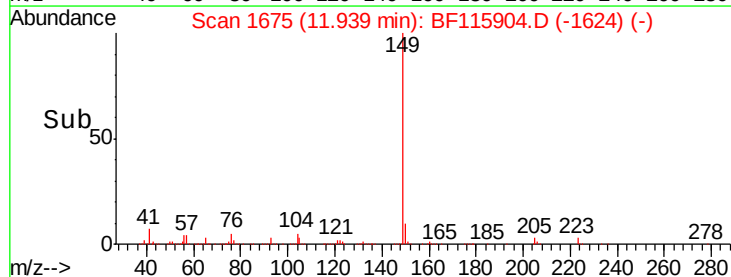
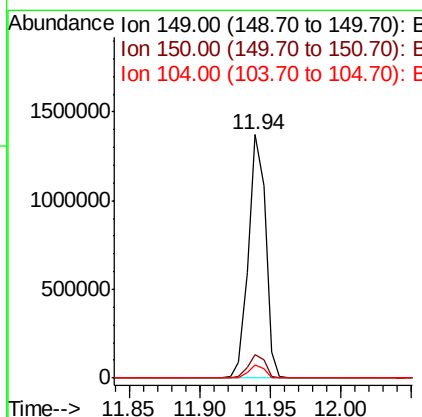
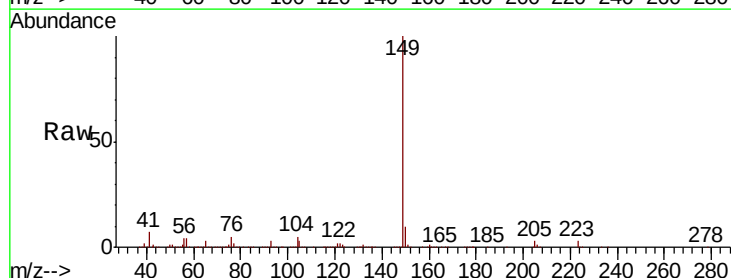
Instrument :
 BNA_F
 ClientSampleId :

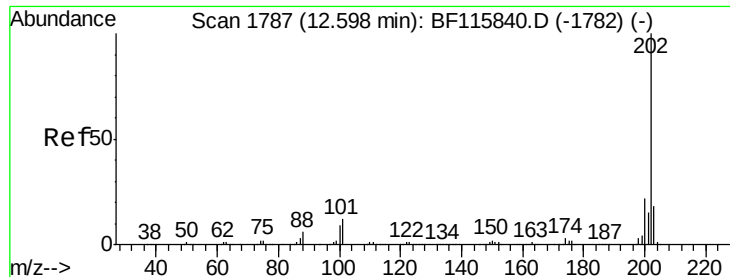
Tot Ion:167 Resp: 929609
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 13.8 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 47.995 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:149 Resp: 1169107
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 4.3 6.5

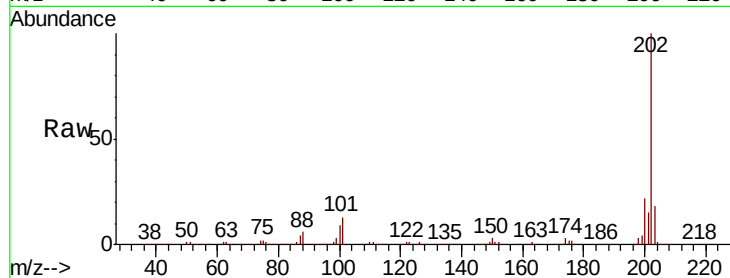




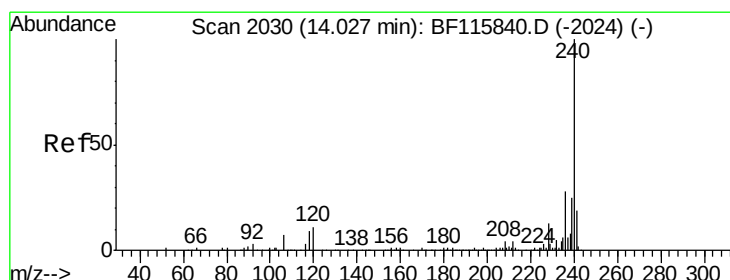
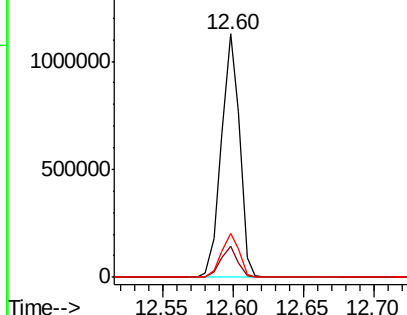
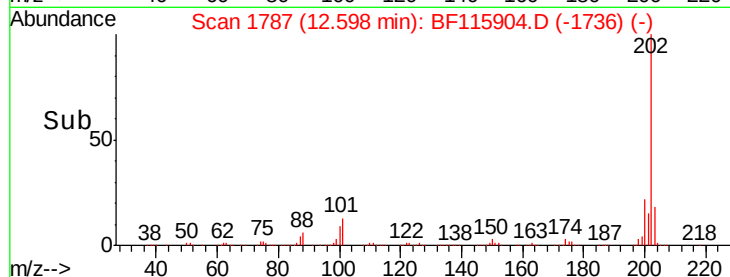
#75
 Fluoranthene
 Concen: 42.506 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1012028
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.5
 203 18.2 0.0 37.9

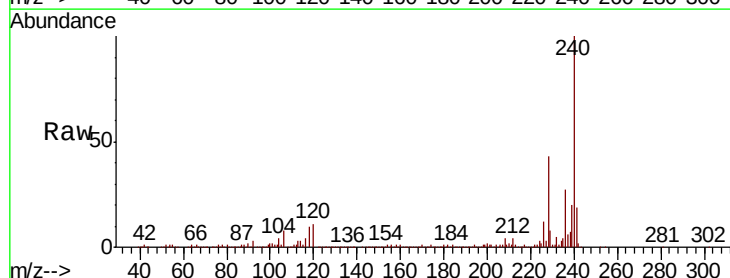


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

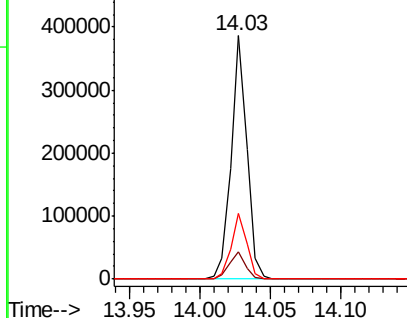
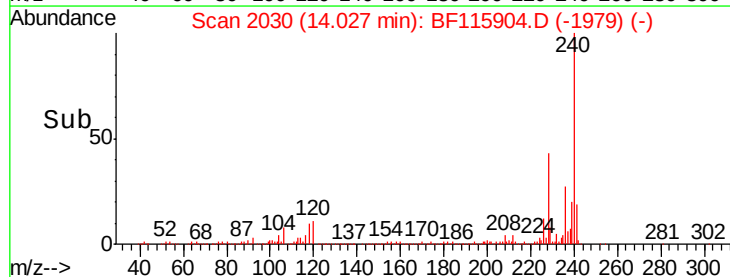


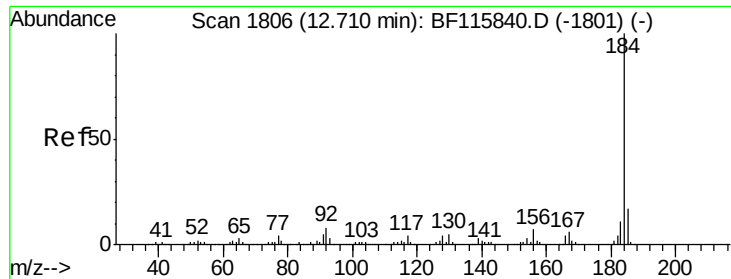
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:240 Resp: 298879
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.5 12.7
 236 26.9 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: 44.130 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

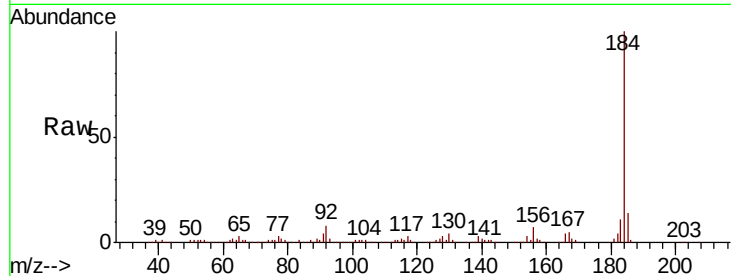
Tot Ion:184 Resp: 445600

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

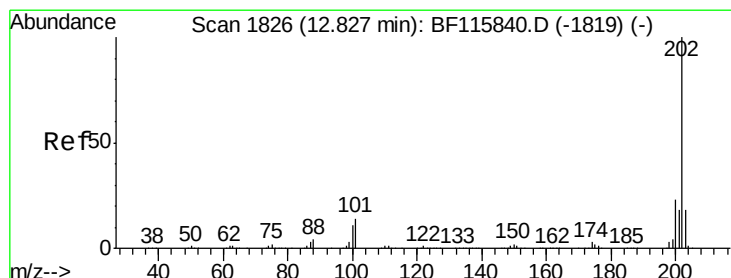
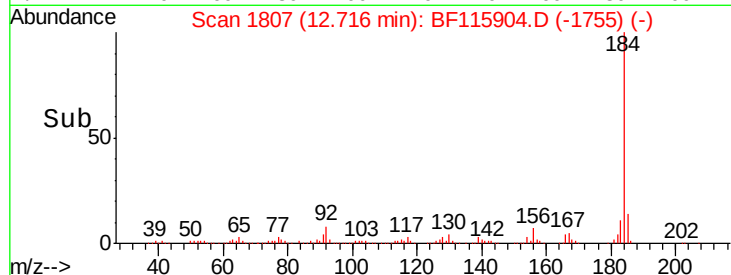
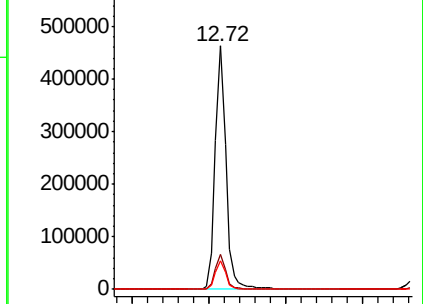
183 11.5 9.1 13.7



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: 44.744 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

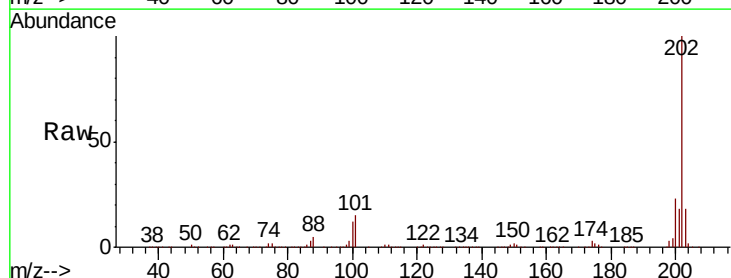
Tgt Ion:202 Resp: 1008090

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

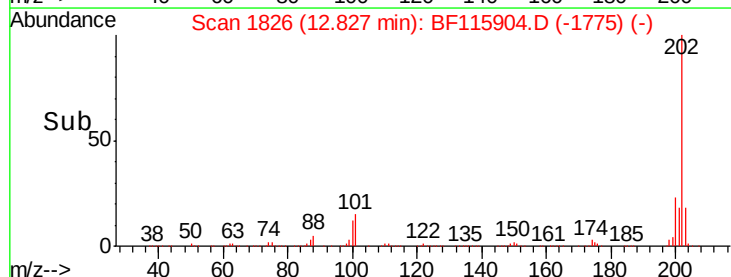
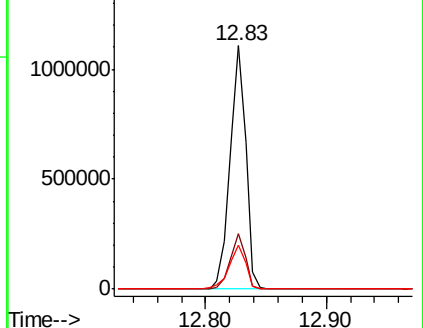
203 18.2 14.3 21.5

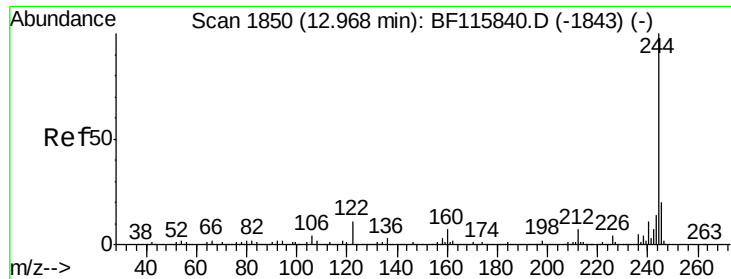


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.016 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

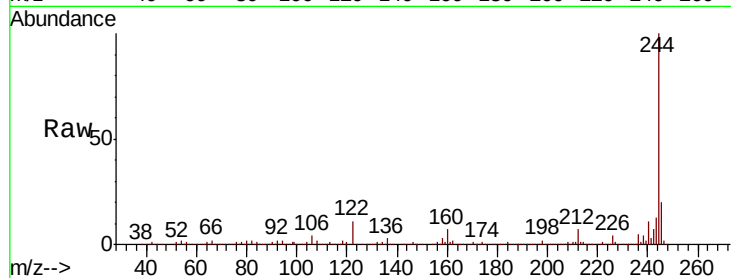
Tot Ion:244 Resp: 1276783

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

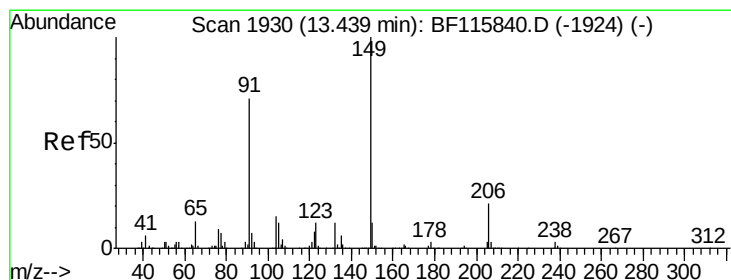
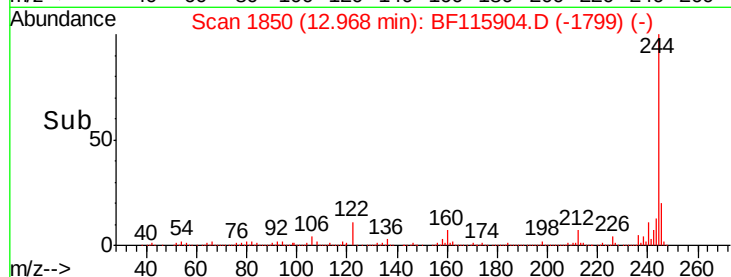
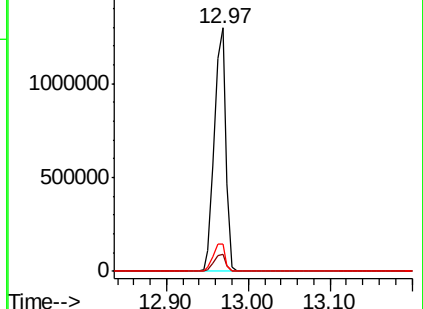
122 11.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.823 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

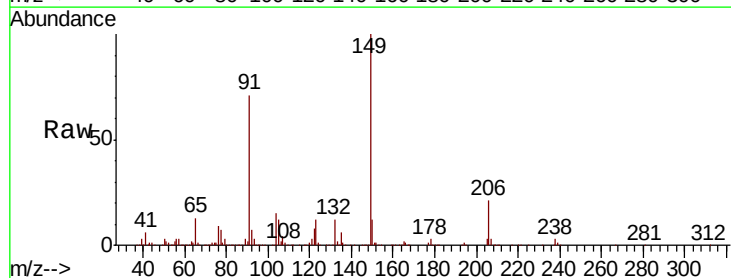
Tgt Ion:149 Resp: 427173

Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.6

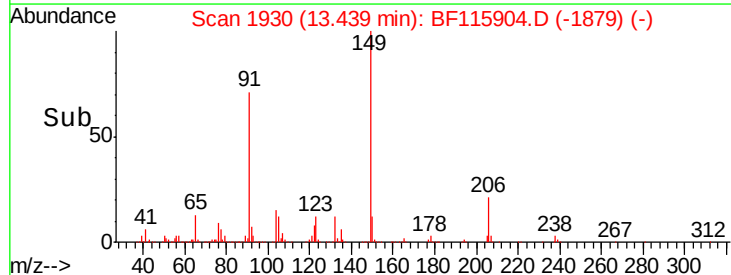
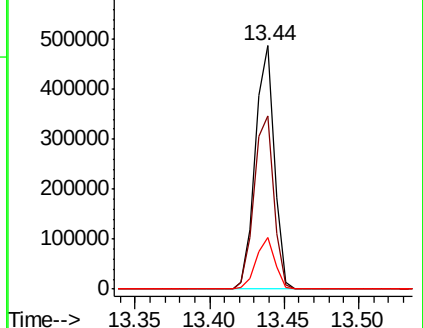
206 21.3 16.9 25.3

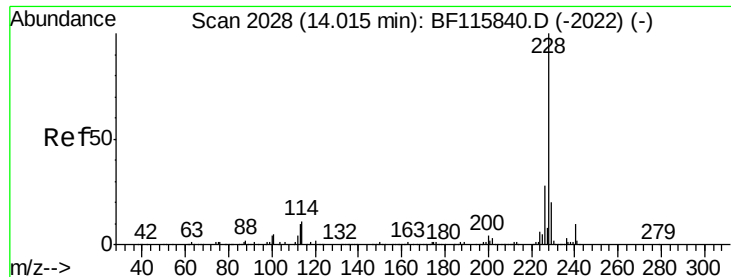


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

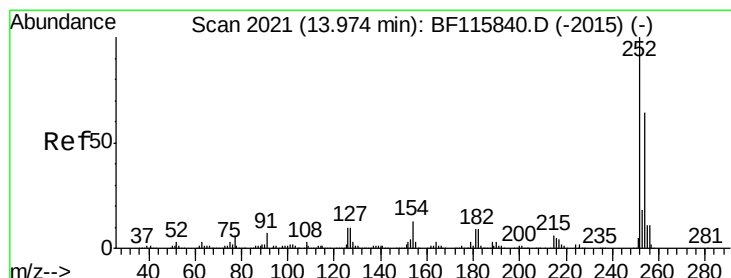
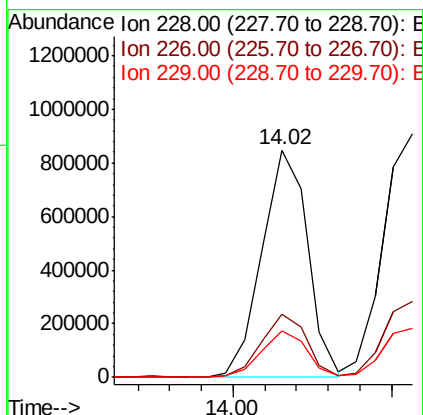
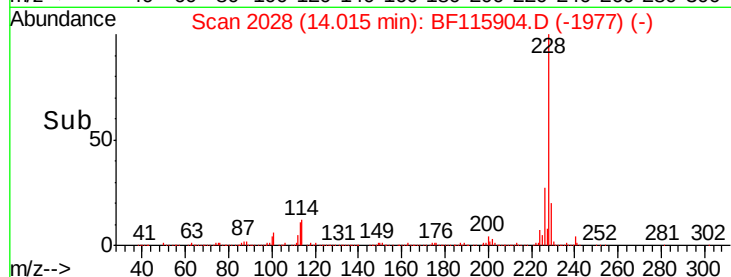
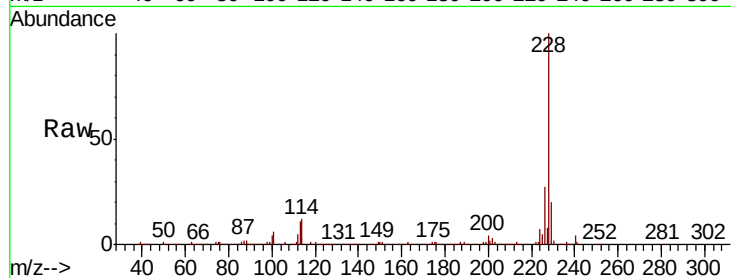




#81
Benzo(a)anthracene
Concen: 44.519 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

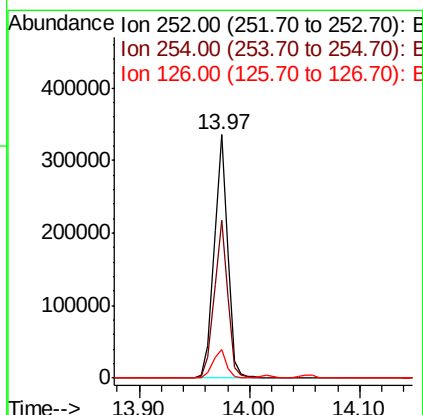
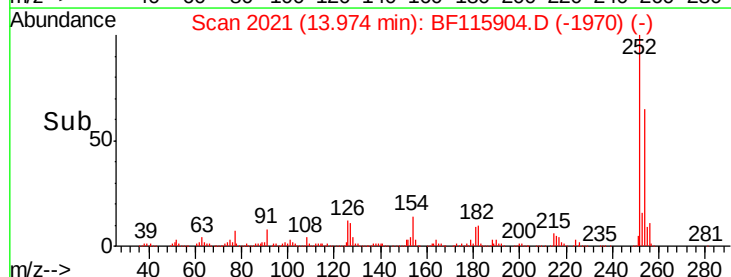
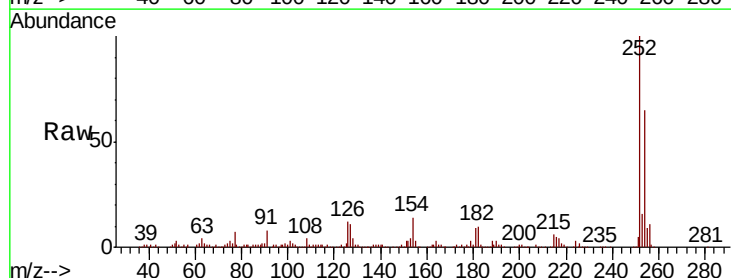
Instrument :
BNA_F
ClientSampleId :

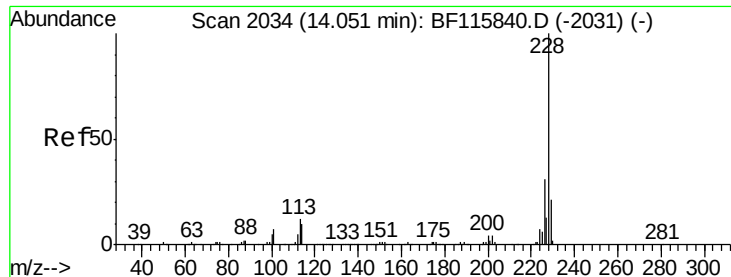
Tot Ion:228 Resp: 850466
Ion Ratio Lower Upper
228 100
226 27.5 22.5 33.7
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.536 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:252 Resp: 282306
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 11.7 8.1 12.1





#83

Chrysene

Concen: 44.567 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

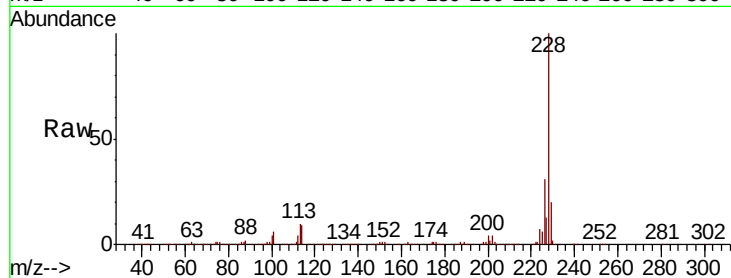
Tot Ion:228 Resp: 826547

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

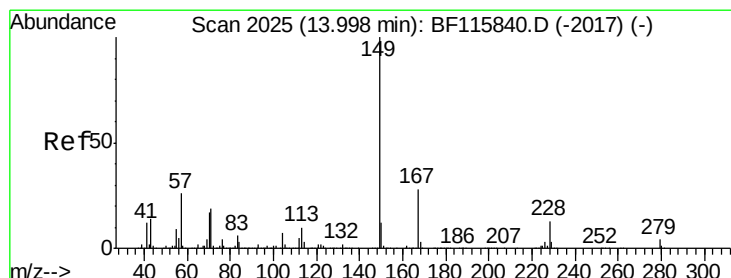
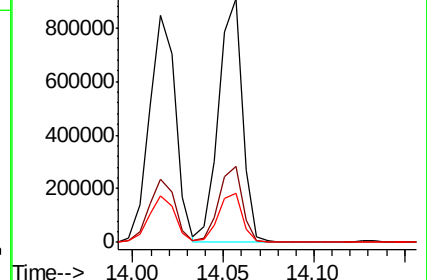
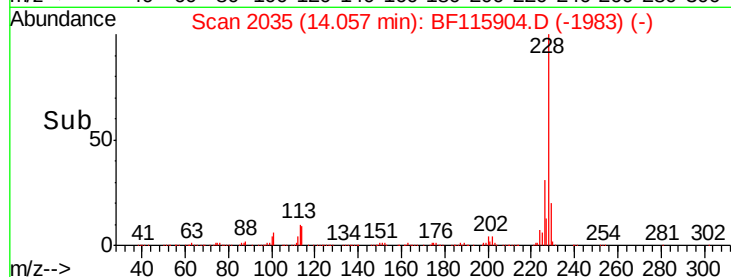
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.561 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

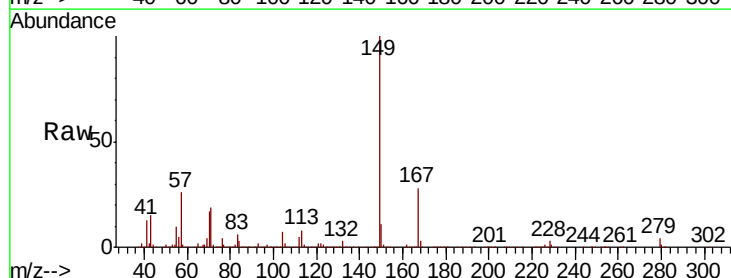
Tgt Ion:149 Resp: 589018

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

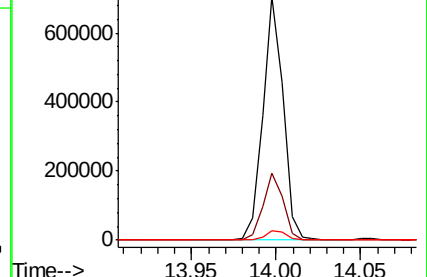
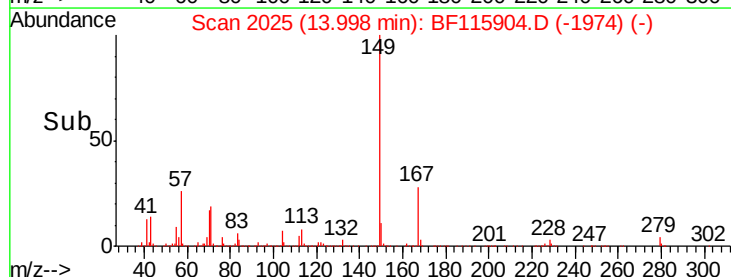
279 3.8 3.3 4.9

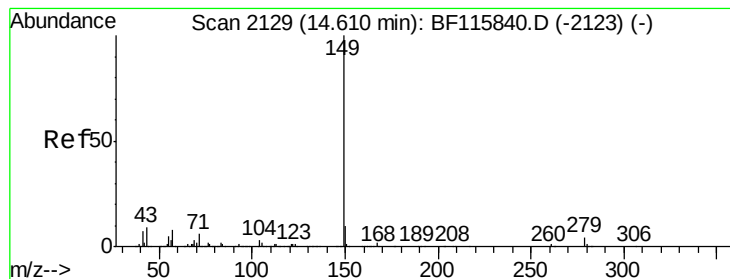


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.703 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

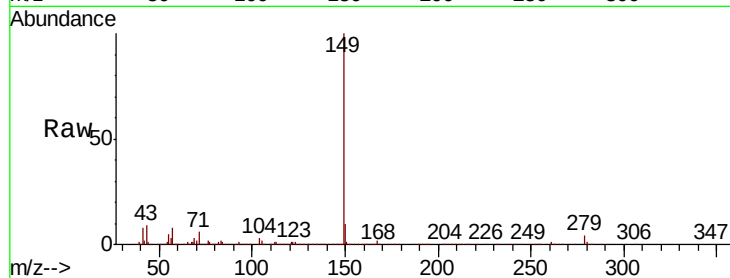
Tot Ion:149 Resp: 997386

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

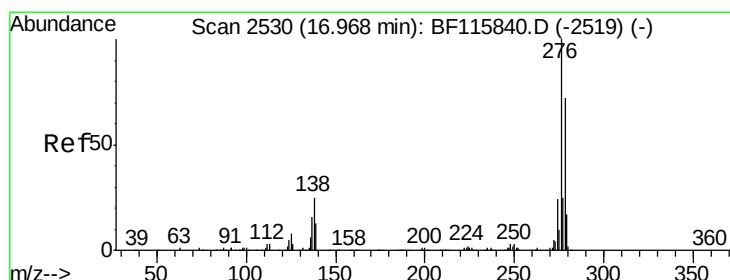
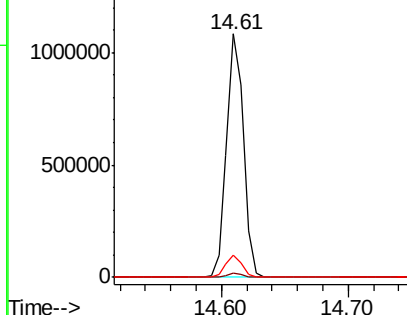
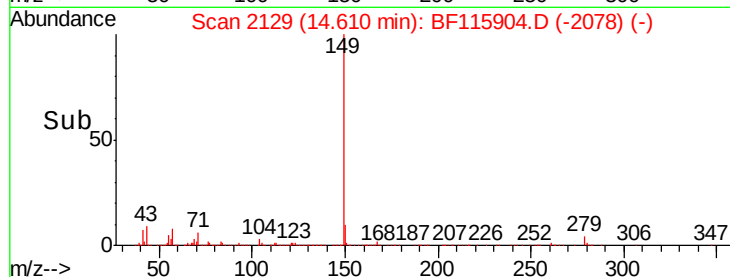
43 8.8 7.4 11.0



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: 54.769 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

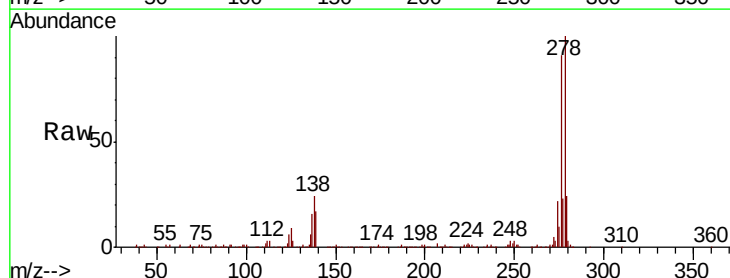
Tgt Ion:276 Resp: 853133

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

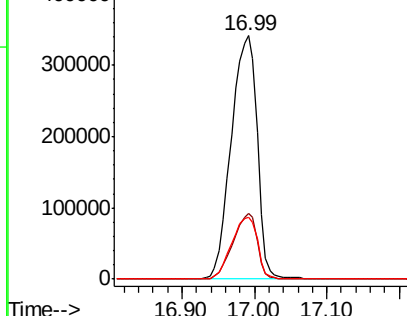
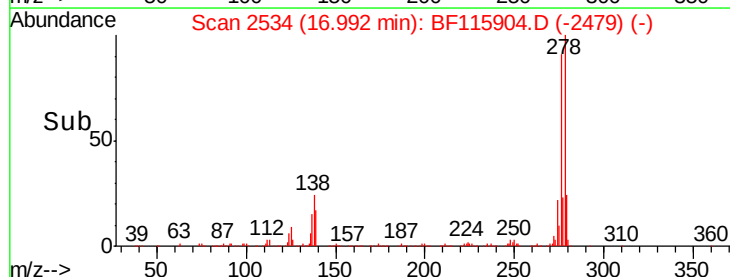
277 25.6 20.1 30.1

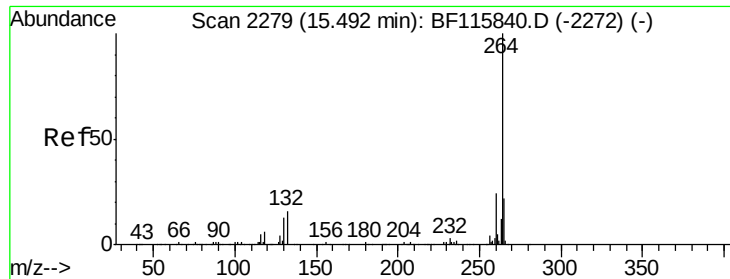


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

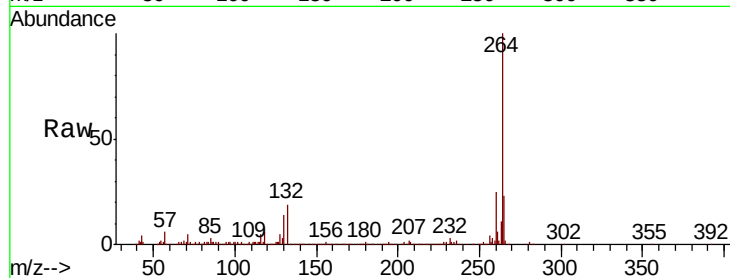




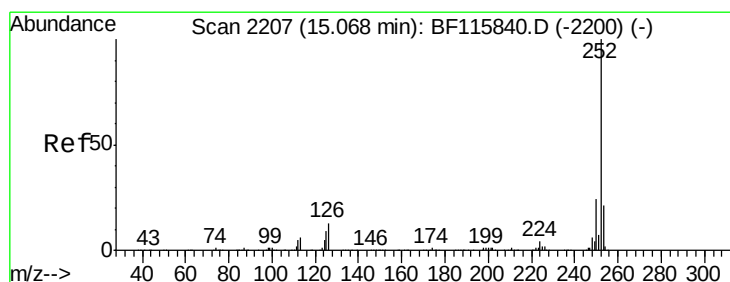
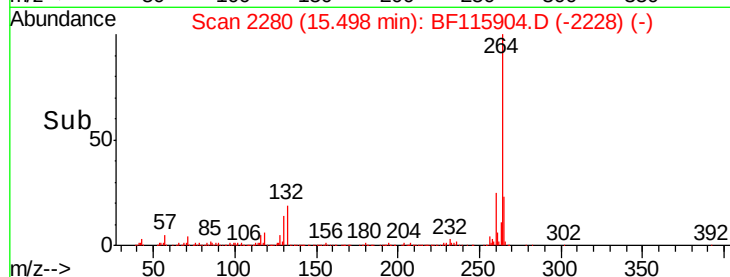
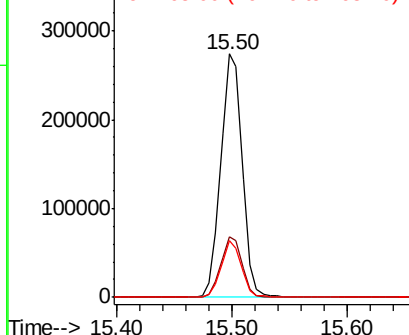
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 353682
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 23.0 17.5 26.3

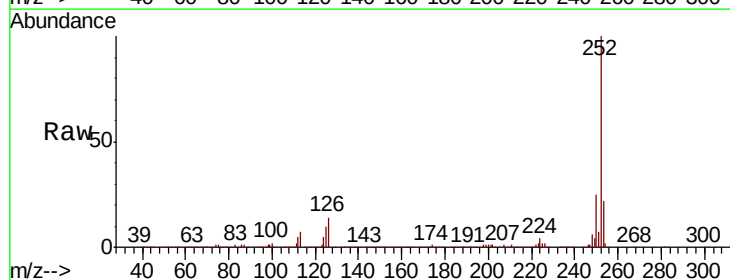


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

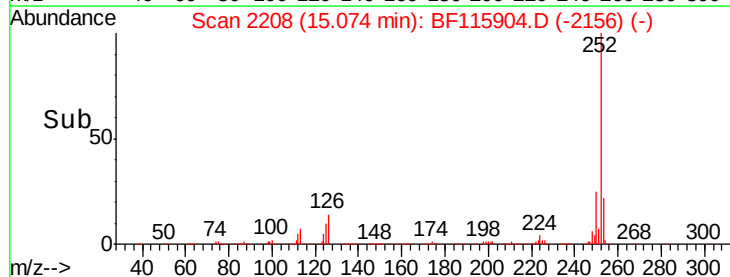
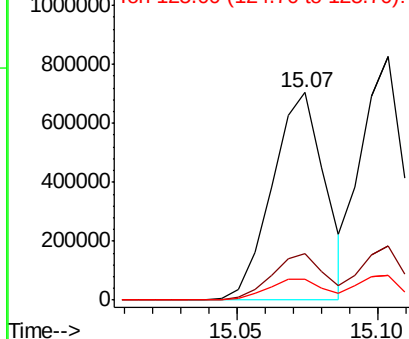


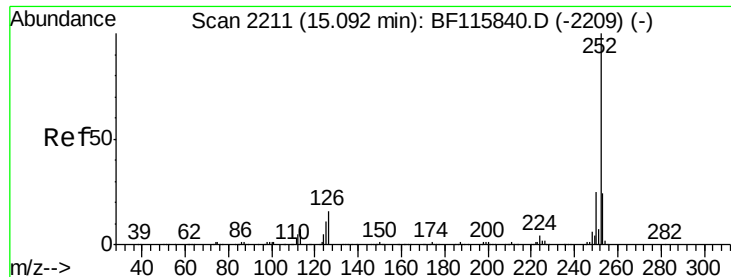
#88
Benzo(b)fluoranthene
Concen: 44.699 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:252 Resp: 914106
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.2 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: 42.438 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

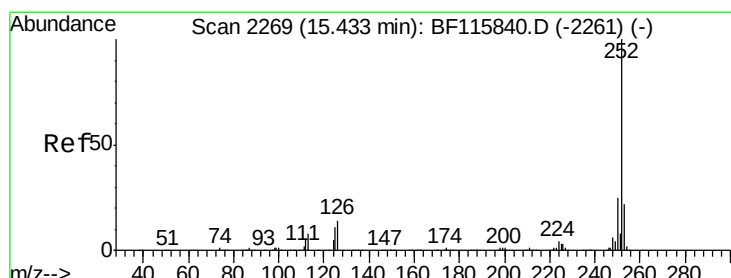
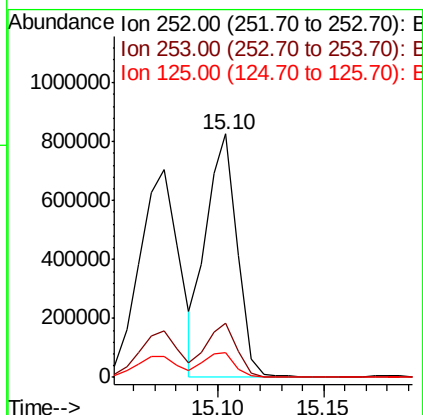
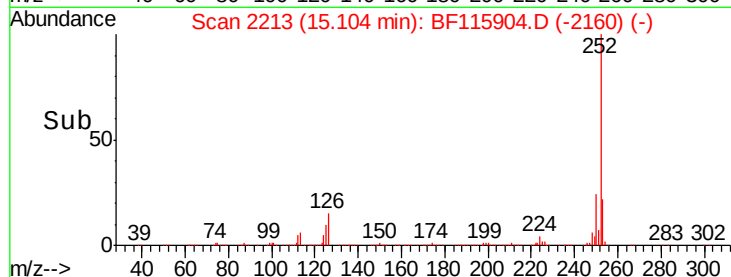
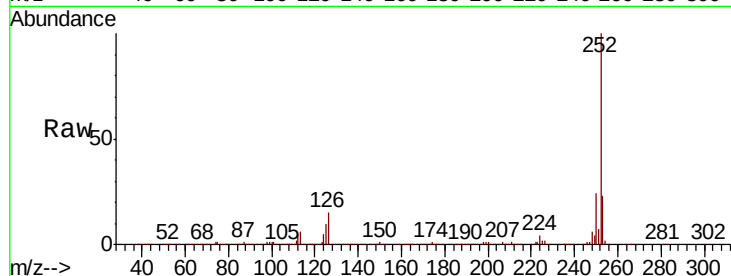
Tot Ion:252 Resp: 845314

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 10.0 8.9 13.3



#90

Benzo(a)pyrene

Concen: 46.468 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

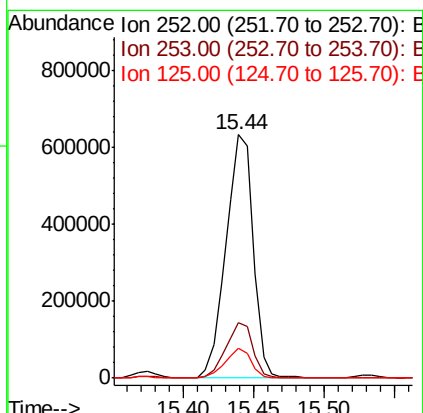
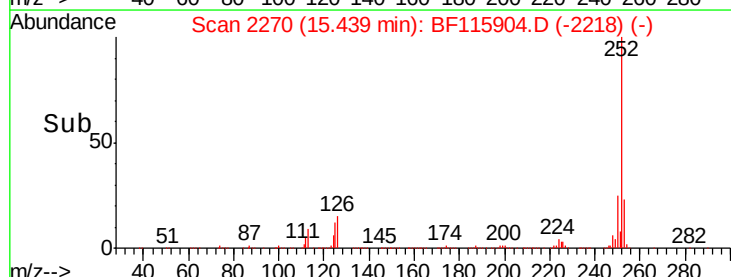
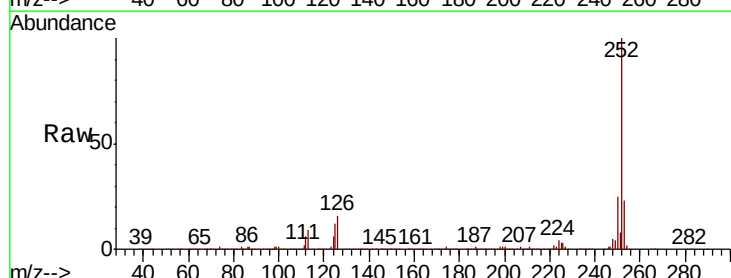
Tgt Ion:252 Resp: 849490

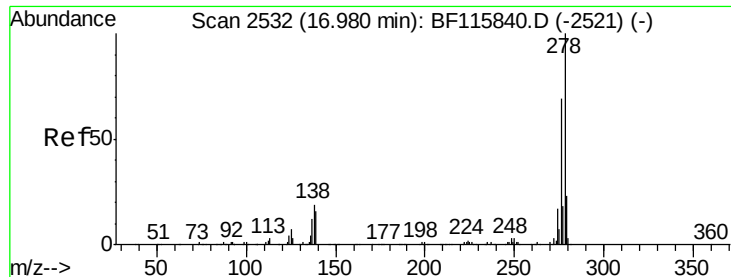
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 12.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.908 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

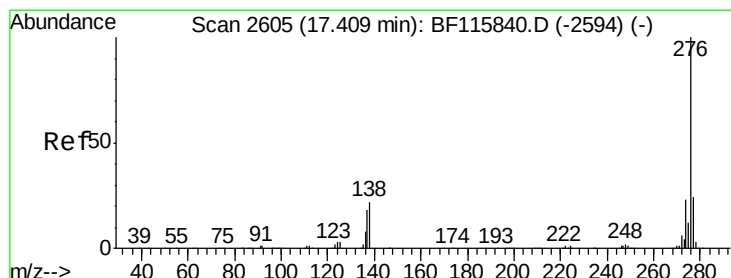
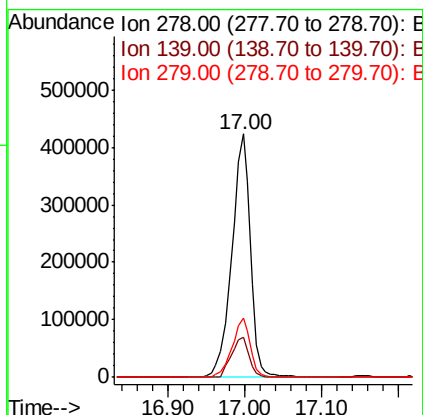
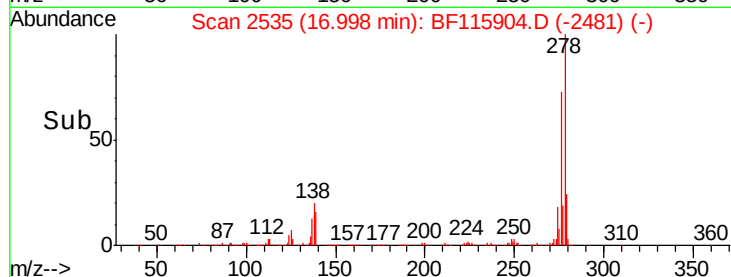
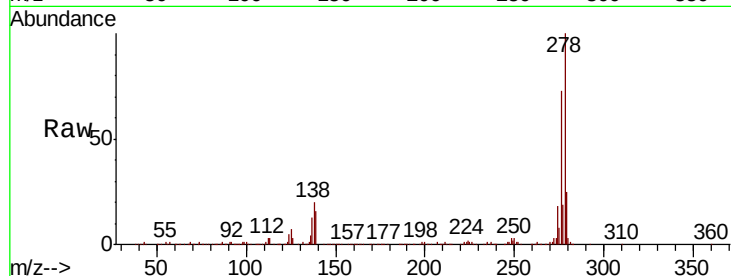
Tot Ion:278 Resp: 710633

Ion Ratio Lower Upper

278 100

139 16.4 12.6 19.0

279 24.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.963 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:276 Resp: 667677

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 21.7 17.8 26.8

