

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115903.D
 Acq On : 1 Aug 2019 13:12
 Operator : HP/JU
 Sample : K4021-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 18:02:15 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	135420	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	519584	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	276297	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	452856	20.00	ng	0.00
76) Chrysene-d12	14.03	240	284145	20.00	ng	0.00
87) Perylene-d12	15.50	264	339154	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1009774	124.83	ng	0.02
7) Phenol-d6	6.50	99	1343580	131.64	ng	0.01
23) Nitrobenzene-d5	7.42	82	862563	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	336923	125.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1412471	95.75	ng	0.00
79) Terphenyl-d14	12.97	244	1273632	94.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	140697	34.429	ng	98
3) Pyridine	3.43	79	389448	34.115	ng	99
4) n-Nitrosodimethylamine	3.36	42	175825	39.028	ng	100
6) Aniline	6.52	93	334530	22.887	ng	# 88
8) 2-Chlorophenol	6.65	128	377101	42.157	ng	99
9) Benzaldehyde	6.40	77	219758	31.206	ng	100
10) Phenol	6.51	94	498687	41.493	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	361195	40.876	ng	96
12) 1,3-Dichlorobenzene	6.80	146	400440	38.735	ng	99
13) 1,4-Dichlorobenzene	6.87	146	407639	39.382	ng	99
14) 1,2-Dichlorobenzene	7.03	146	377093	39.565	ng	100
15) Benzyl Alcohol	7.00	79	337019	43.512	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	475255	39.432	ng	95
17) 2-Methylphenol	7.11	107	323515	42.712	ng	99
18) Hexachloroethane	7.37	117	145850	38.271	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	259308	41.001	ng	99
20) 3+4-Methylphenols	7.26	107	386029	43.068	ng	# 83
22) Acetophenone	7.26	105	510565	44.805	ng	98
24) Nitrobenzene	7.43	77	418936	43.103	ng	99
25) Isophorone	7.67	82	754024	43.808	ng	100
26) 2-Nitrophenol	7.75	139	206011	44.966	ng	99
27) 2,4-Dimethylphenol	7.79	122	340204	49.356	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	459177	43.042	ng	99
29) 2,4-Dichlorophenol	8.00	162	330105	45.357	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	351329	42.349	ng	100
31) Naphthalene	8.16	128	1081416	44.229	ng	100
32) Benzoic acid	7.92	122	116820	24.039	ng	97
33) 4-Chloroaniline	8.20	127	150720	13.796	ng	99
34) Hexachlorobutadiene	8.27	225	195316	40.874	ng	100
35) Caprolactam	8.58	113	61731	26.225	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	350702	46.320	ng	95
37) 2-Methylnaphthalene	8.85	142	737903	45.825	ng	100
38) 1-Methylnaphthalene	8.95	142	683956	44.897	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	328551	44.480	ng	99

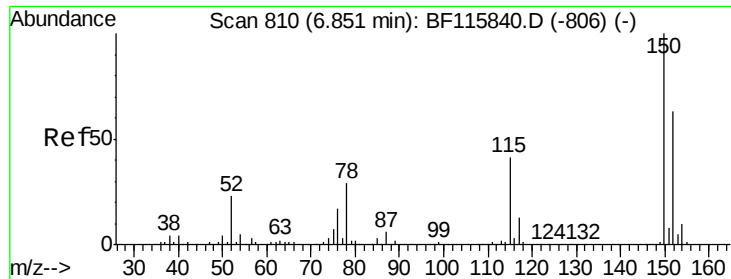
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	131536	42.652	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	222834	43.828	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	234893	44.694	ng	99
46) 1,1'-Biphenyl	9.32	154	888028	45.525	ng	100
47) 2-Chloronaphthalene	9.35	162	694111	42.754	ng	100
48) 2-Nitroaniline	9.44	65	228843	42.644	ng	93
49) Acenaphthylene	9.76	152	1072749	45.291	ng	100
50) Dimethylphthalate	9.62	163	1168625	62.119	ng	100
51) 2,6-Dinitrotoluene	9.68	165	184723	45.183	ng	89
52) Acenaphthene	9.93	154	641377	44.139	ng	99
53) 3-Nitroaniline	9.85	138	115518	22.867	ng	94
54) 2,4-Dinitrophenol	9.96	184	66285	36.577	ng	98
55) Dibenzofuran	10.10	168	956900	45.283	ng	98
56) 4-Nitrophenol	10.02	139	294885	91.124	ng	96
57) 2,4-Dinitrotoluene	10.09	165	241865	44.434	ng	98
58) Fluorene	10.45	166	733161	45.095	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	190955	43.187	ng	99
60) Diethylphthalate	10.32	149	786689	44.790	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	371917	45.169	ng	99
62) 4-Nitroaniline	10.47	138	181779	34.820	ng	99
63) Azobenzene	10.60	77	808998	44.781	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60082	25.036	ng	98
66) n-Nitrosodiphenylamine	10.56	169	661406	48.524	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	222959	45.992	ng	93
68) Hexachlorobenzene	11.00	284	244398	43.598	ng	95
69) Atrazine	11.08	200	208120	46.412	ng	99
70) Pentachlorophenol	11.20	266	212359	78.028	ng	99
71) Phenanthrene	11.41	178	1070660	46.247	ng	100
72) Anthracene	11.46	178	1075368	45.897	ng	99
73) Carbazole	11.62	167	949048	44.647	ng	99
74) Di-n-butylphthalate	11.94	149	1183723	47.737	ng	100
75) Fluoranthene	12.60	202	1016996	41.961	ng	98
77) Benzidine	12.72	184	424707	44.242	ng	96
78) Pyrene	12.83	202	1012328	47.263	ng	100
80) Butylbenzylphthalate	13.44	149	421000	46.466	ng	99
81) Benzo(a)anthracene	14.02	228	819318	45.113	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	266236	42.195	ng	99
83) Chrysene	14.06	228	798206	45.270	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	570504	48.455	ng	99
85) Di-n-octyl phthalate	14.61	149	936735	50.089	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	827117	55.852	ng	99
88) Benzo(b)fluoranthene	15.07	252	851620	43.427	ng	98
89) Benzo(k)fluoranthene	15.10	252	830374	43.474	ng	100
90) Benzo(a)pyrene	15.44	252	823850	46.996	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	694933	45.797	ng	98
92) Benzo(g,h,i)perylene	17.43	276	650429	43.646	ng	99

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

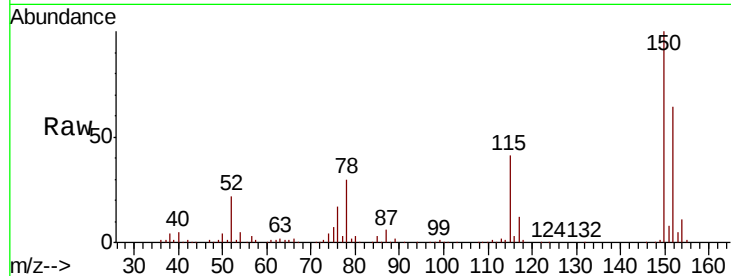


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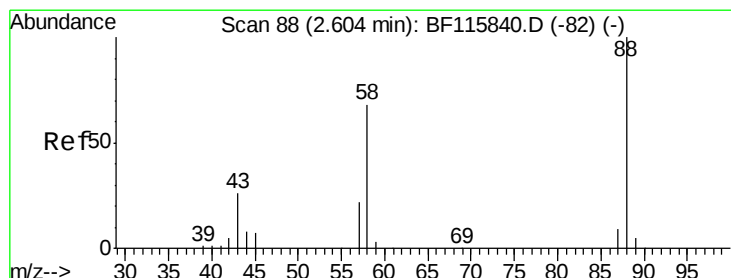
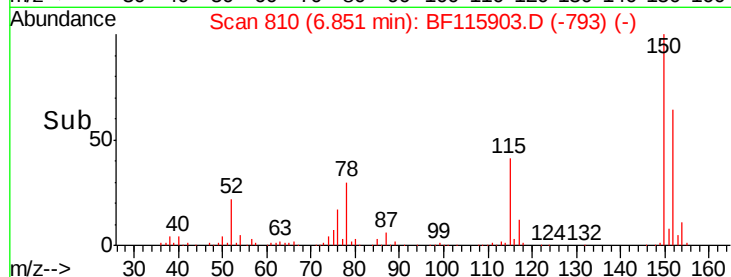
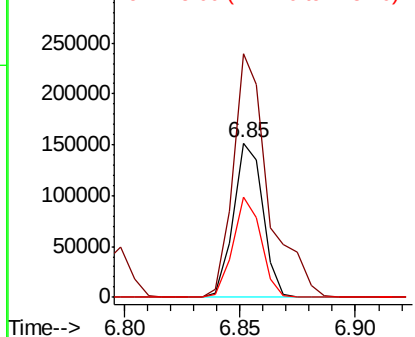
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135420
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 64.4 51.8 77.8



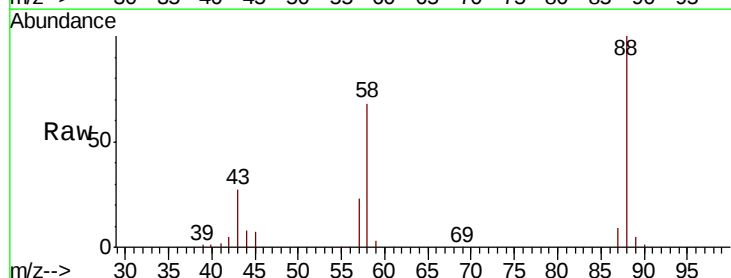
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



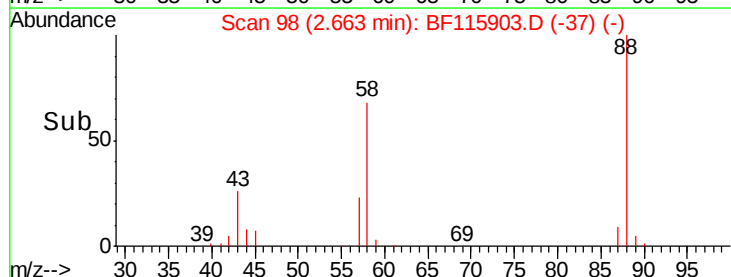
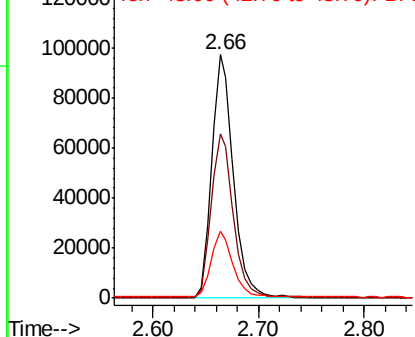
#2

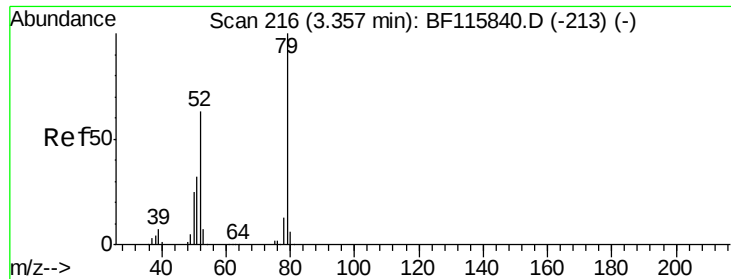
1,4-Dioxane
Concen: 34.429 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion: 88 Resp: 140697
Ion Ratio Lower Upper
88 100
58 69.0 54.1 81.1
43 27.1 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: 34.115 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.07 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

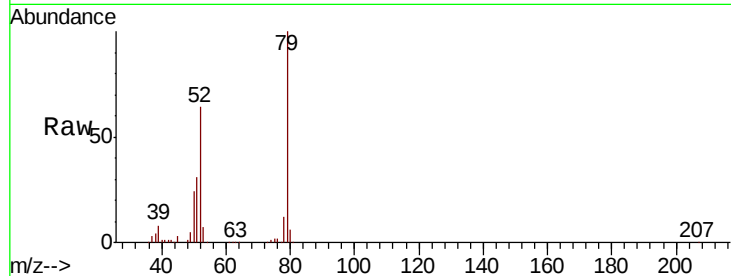
Tot Ion: 79 Resp: 389448

Ion Ratio Lower Upper

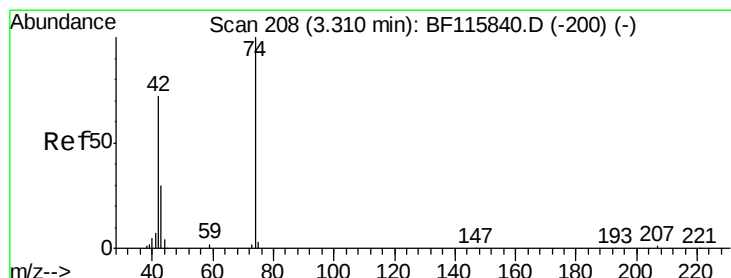
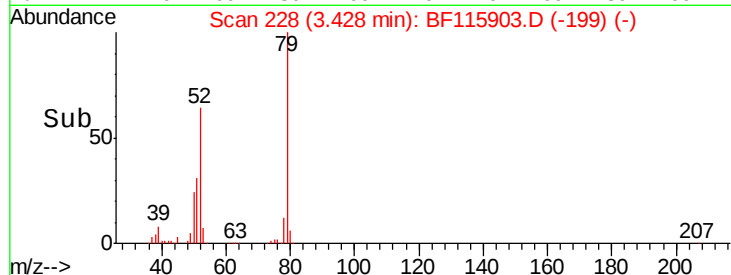
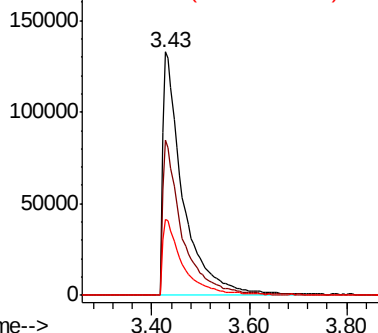
79 100

52 63.5 50.2 75.4

51 31.5 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: 39.028 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.05 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

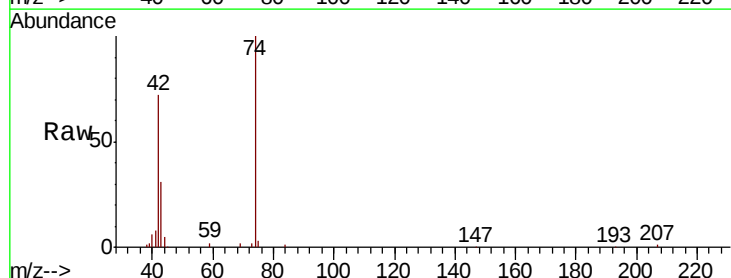
Tgt Ion: 42 Resp: 175825

Ion Ratio Lower Upper

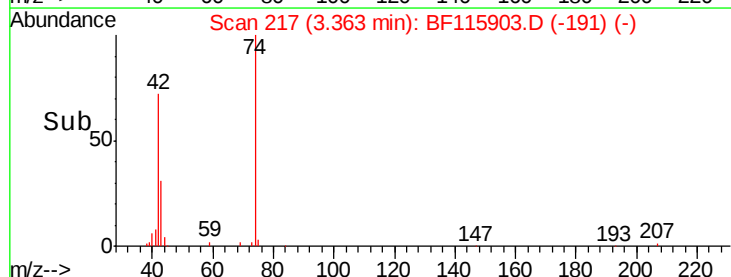
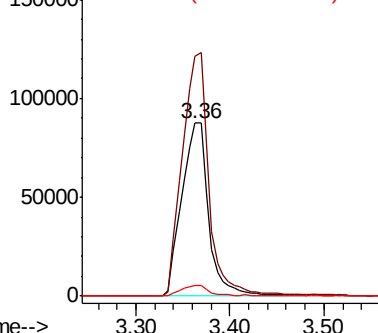
42 100

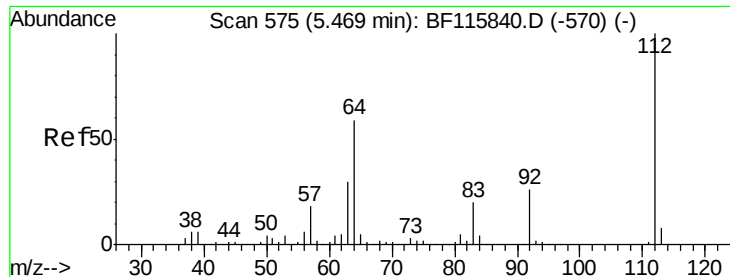
74 138.5 111.0 166.4

44 6.4 4.7 7.1



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





#5

2-Fluorophenol

Concen: 124.828 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

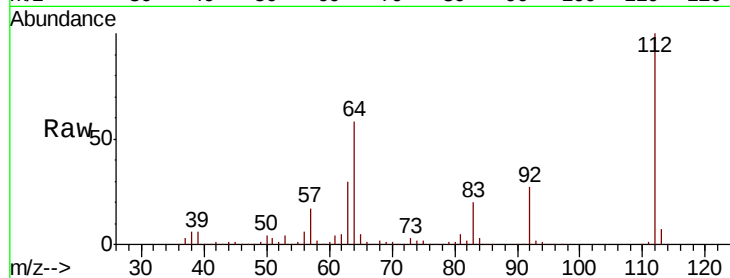
Tot Ion:112 Resp: 1009774

Ion Ratio Lower Upper

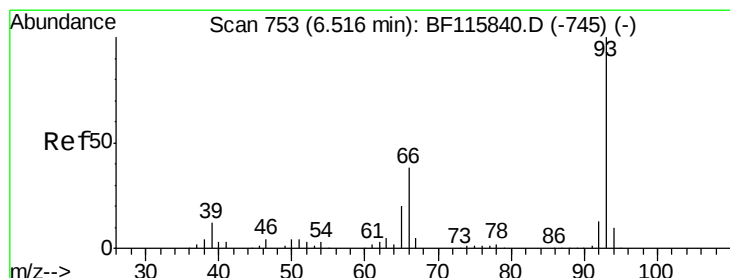
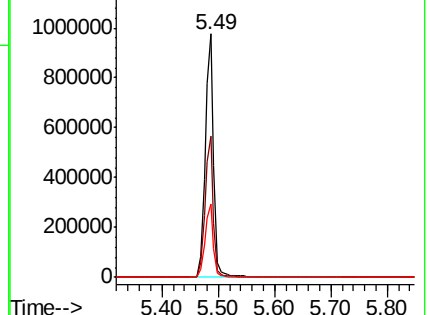
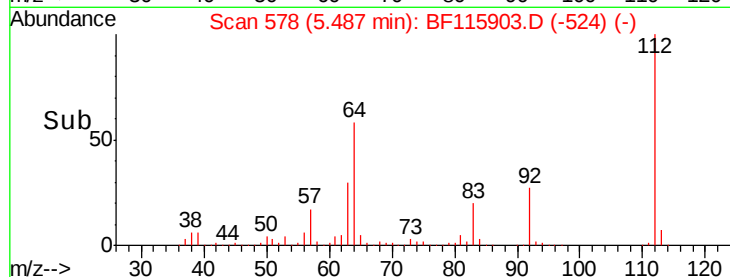
112 100

64 57.9 46.8 70.2

63 30.3 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.887 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

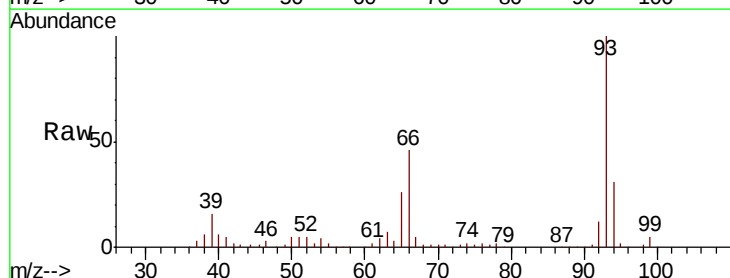
Tgt Ion: 93 Resp: 334530

Ion Ratio Lower Upper

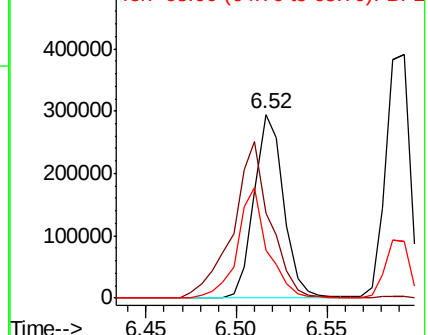
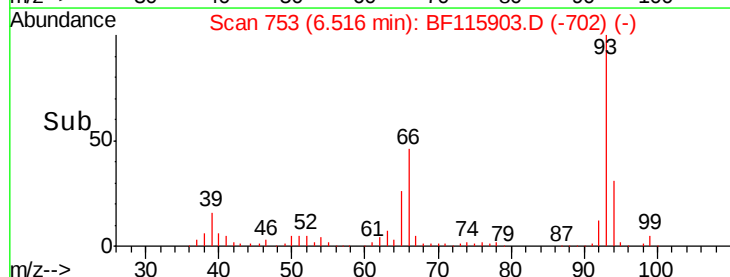
93 100

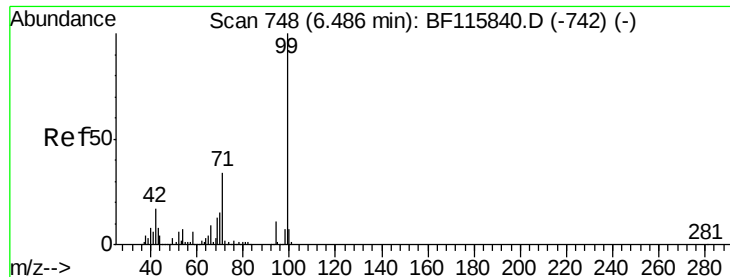
66 46.3 31.4 47.0

65 25.8 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: 131.645 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

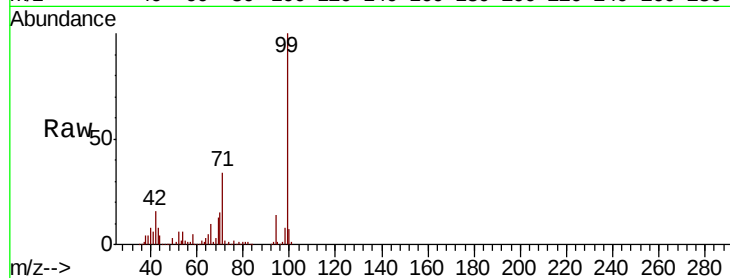
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1343580

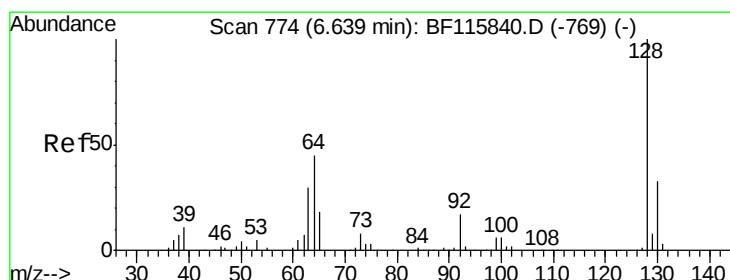
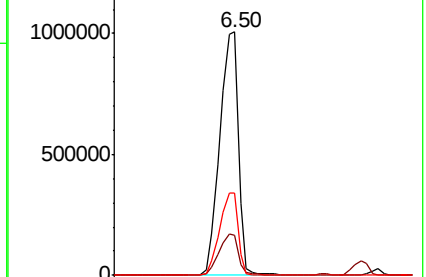
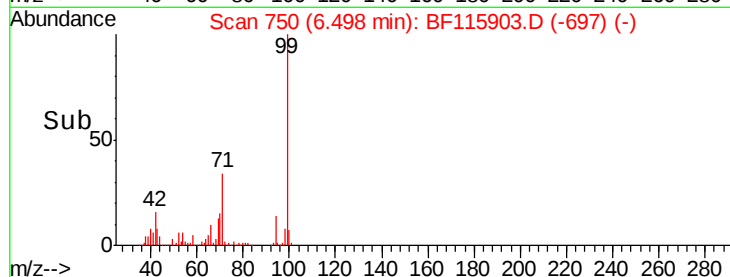
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	33.7	27.1	40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.157 ng

RT: 6.65 min Scan# 775

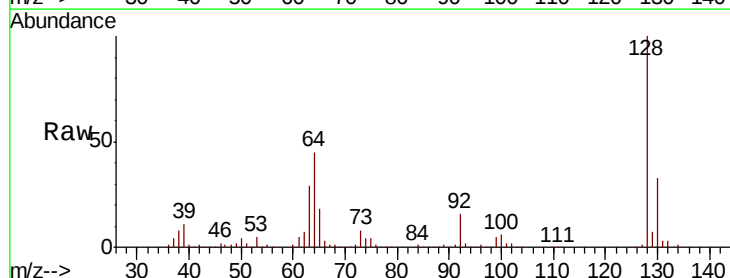
Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion: 128 Resp: 377101

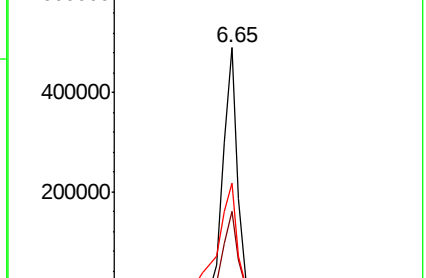
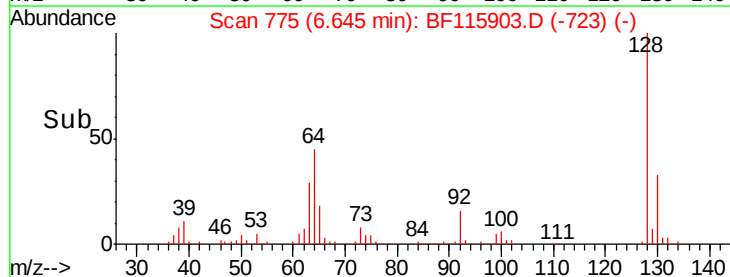
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	44.6	26.1	66.1

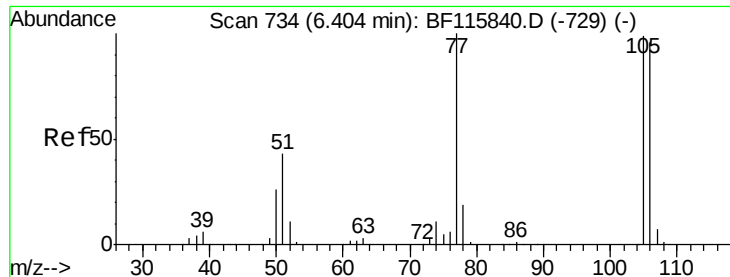


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

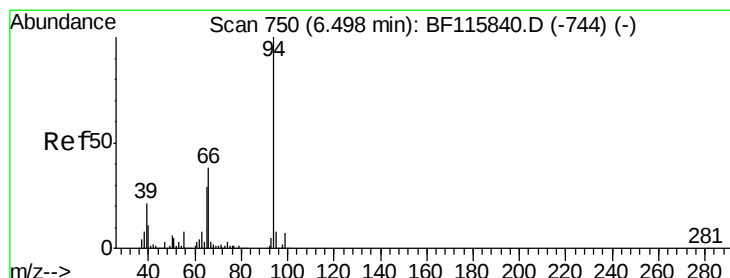
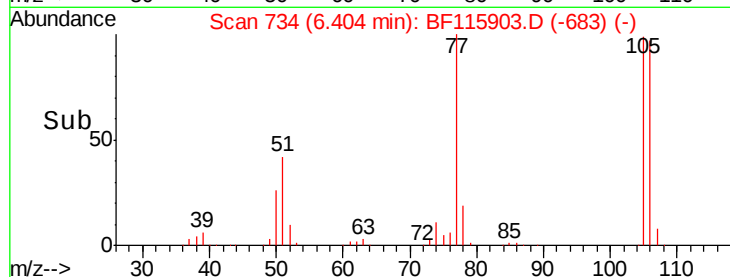
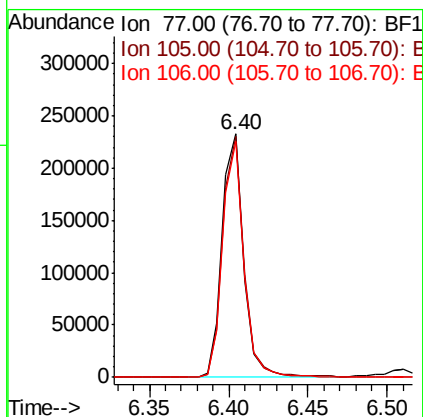
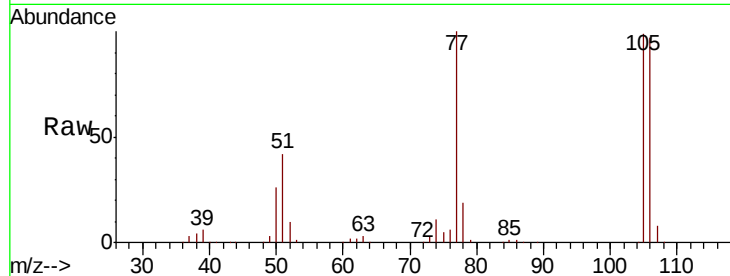




#9
Benzaldehyde
Concen: 31.206 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

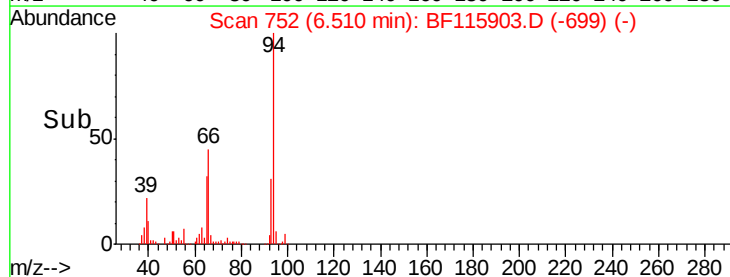
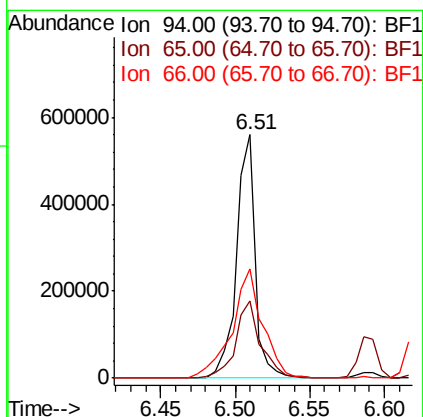
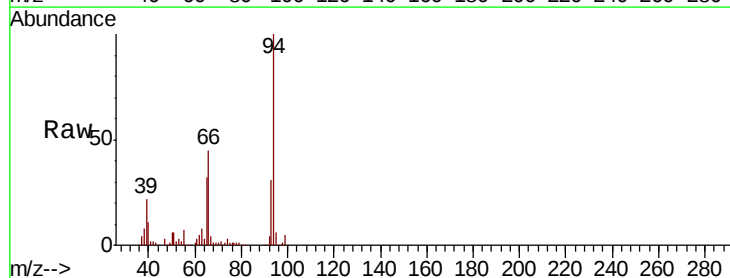
Instrument :
BNA_F
ClientSampleId :

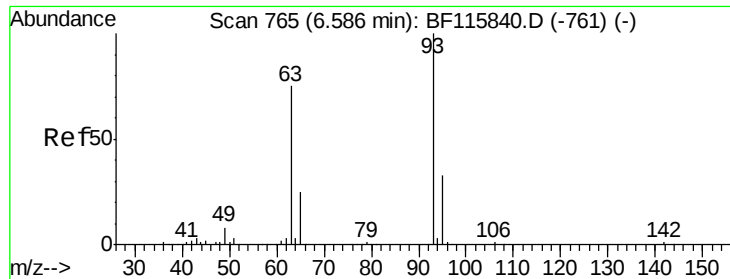
Tot Ion: 77 Resp: 219758
Ion Ratio Lower Upper
77 100
105 99.2 79.0 119.0
106 96.9 76.2 116.2



#10
Phenol
Concen: 41.493 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion: 94 Resp: 498687
Ion Ratio Lower Upper
94 100
65 31.7 8.9 48.9
66 44.7 18.0 58.0

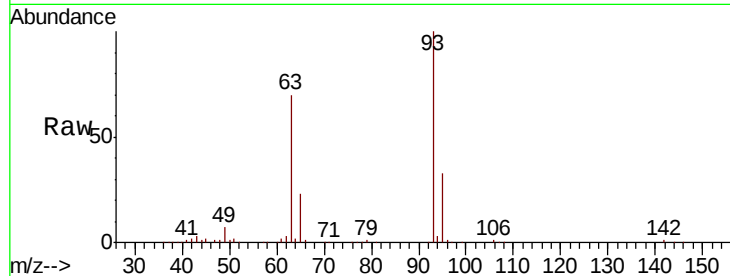




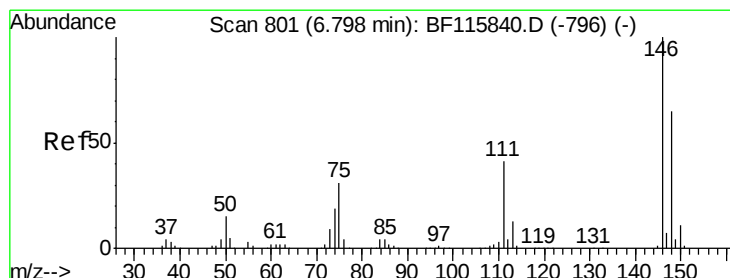
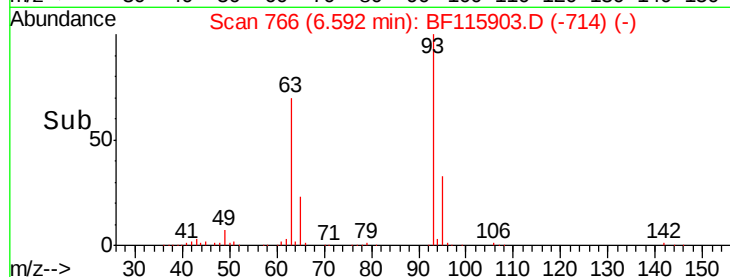
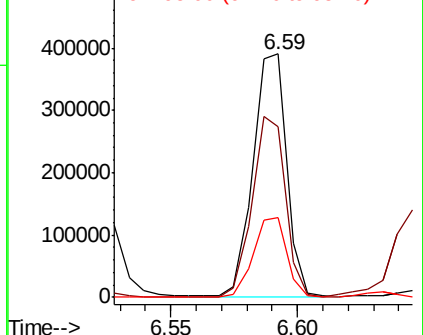
#11
bis(2-Chloroethyl)ether
Concen: 40.876 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 361195
Ion Ratio Lower Upper
93 100
63 70.1 54.9 94.9
95 32.9 13.3 53.3

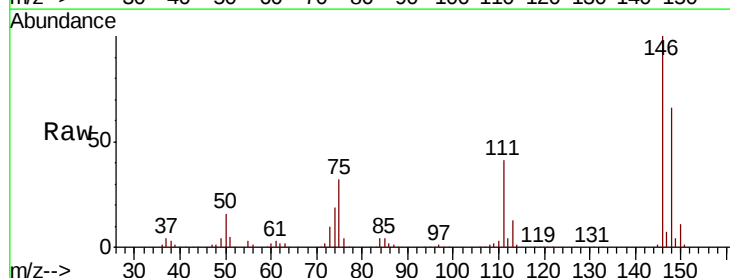


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

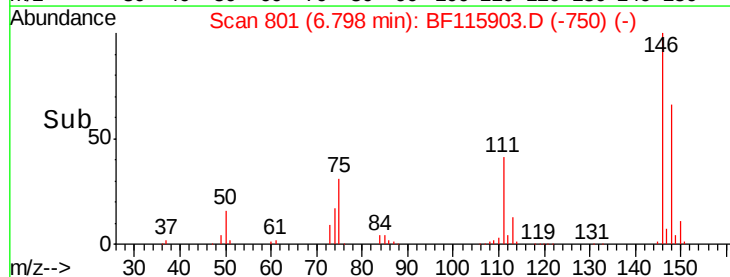
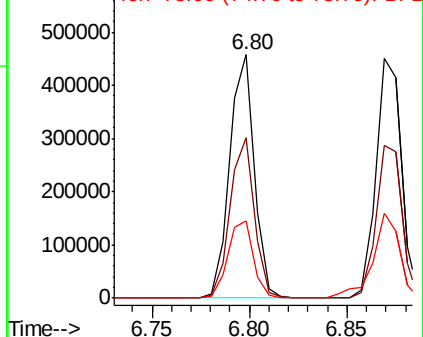


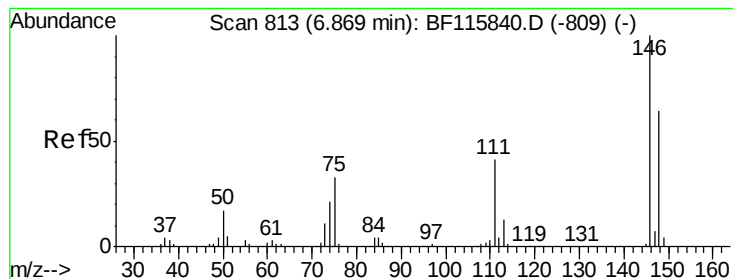
#12
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion: 146 Resp: 400440
Ion Ratio Lower Upper
146 100
148 65.9 52.1 78.1
75 31.9 25.0 37.6



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





#13

1,4-Dichlorobenzene

Concen: 39.382 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

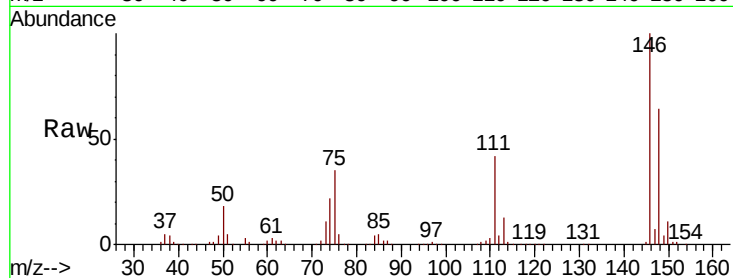
Tot Ion:146 Resp: 407639

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

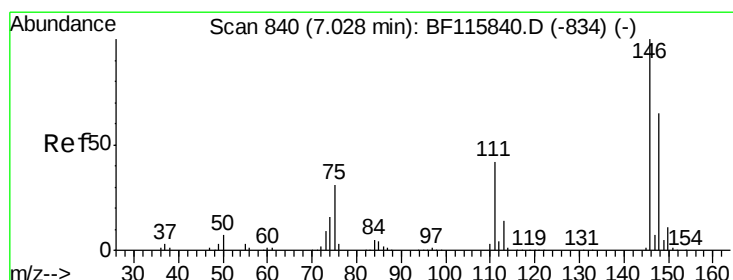
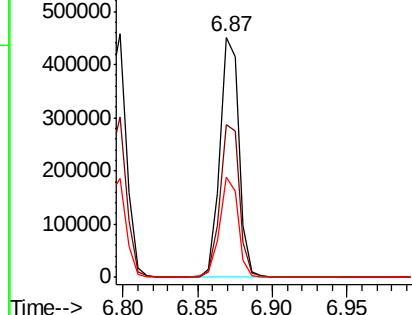
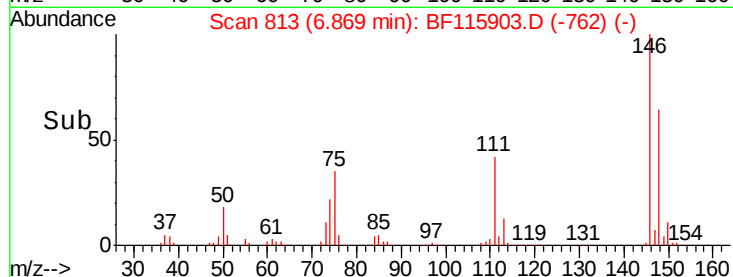
111 42.0 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.565 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

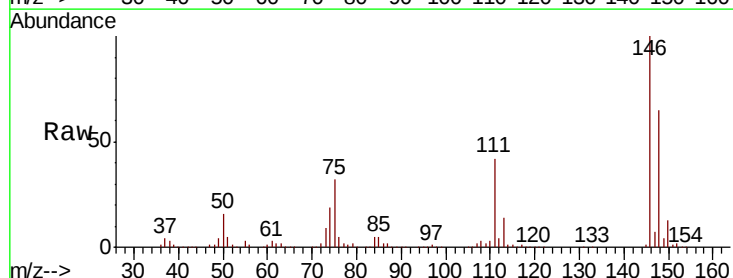
Tgt Ion:146 Resp: 377093

Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

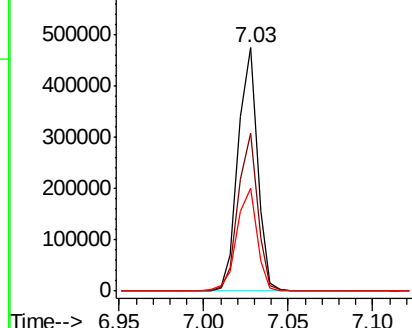
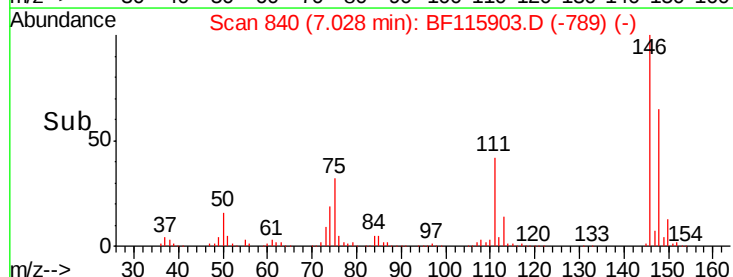
111 42.1 33.6 50.4

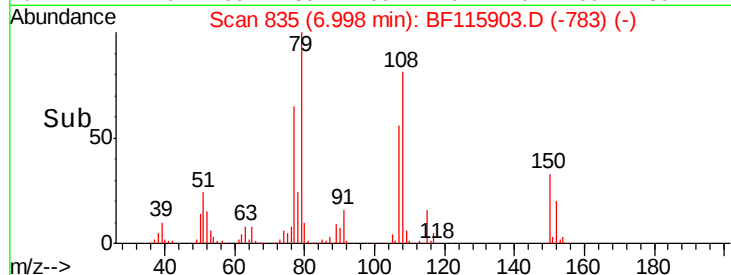
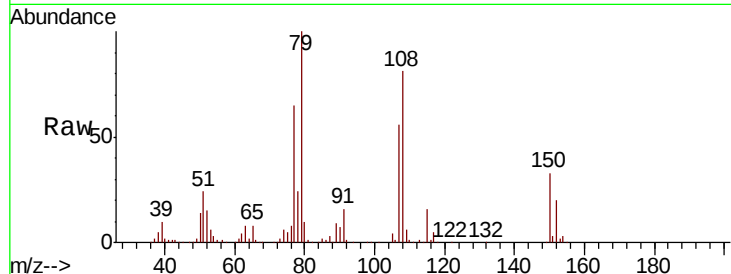
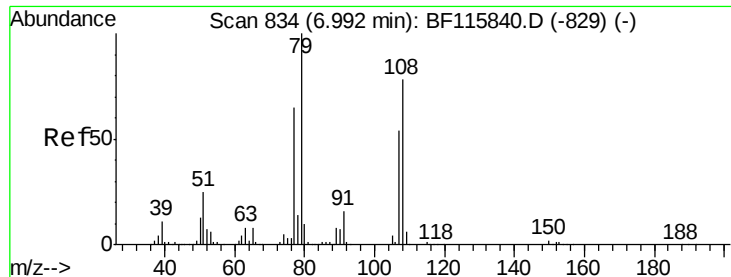


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

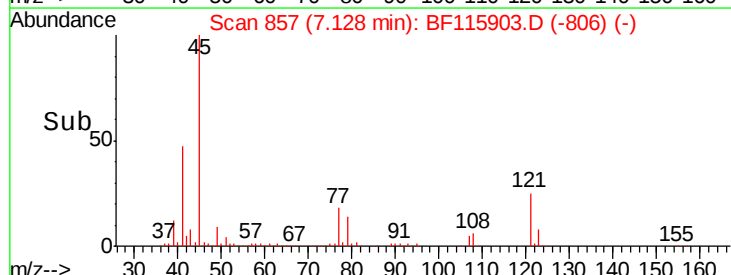
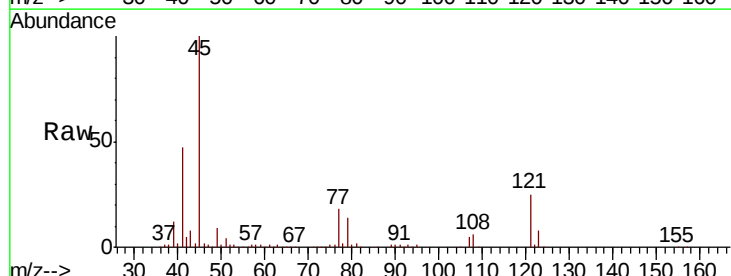
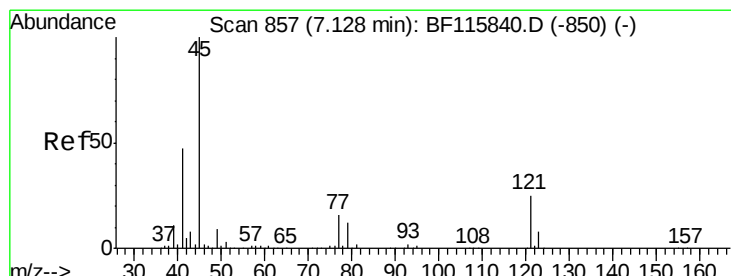
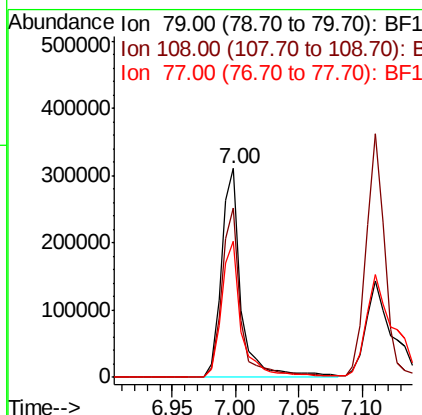




#15
Benzyl Alcohol
Concen: 43.512 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

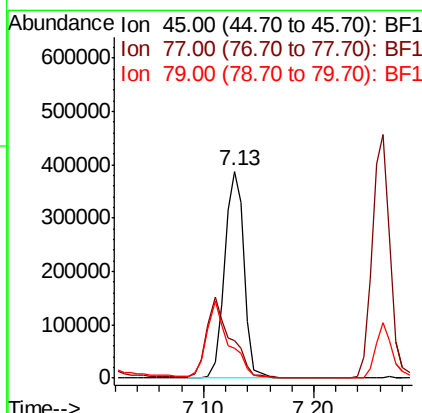
Instrument :
BNA_F
ClientSampled :

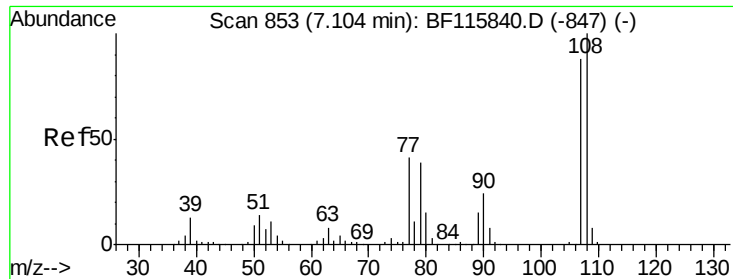
Tot Ion: 79 Resp: 337019
Ion Ratio Lower Upper
79 100
108 81.2 62.8 94.2
77 65.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.432 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion: 45 Resp: 475255
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.3
79 14.4 0.0 32.5

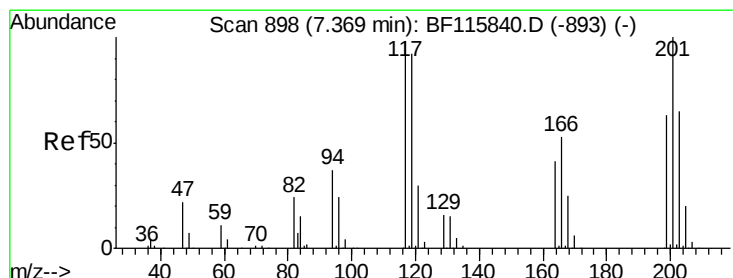
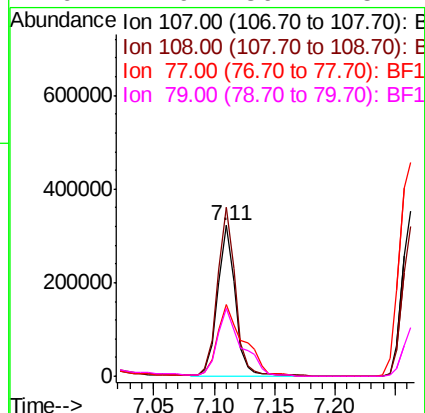
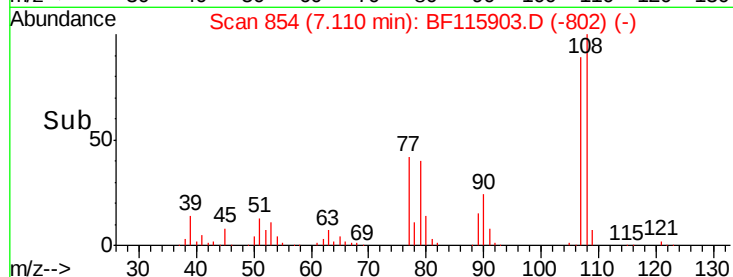
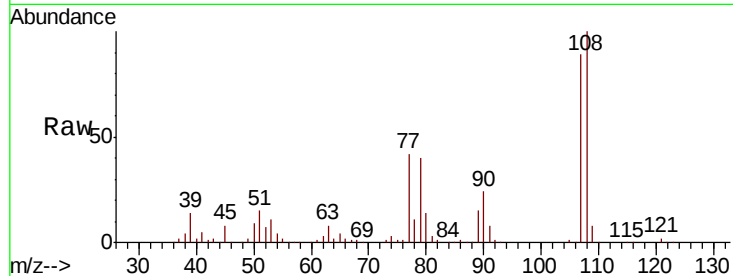




#17
2-Methylphenol
Concen: 42.712 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

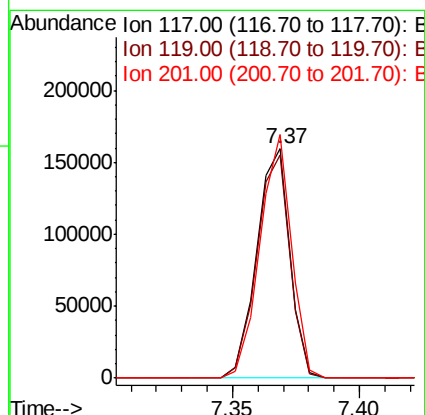
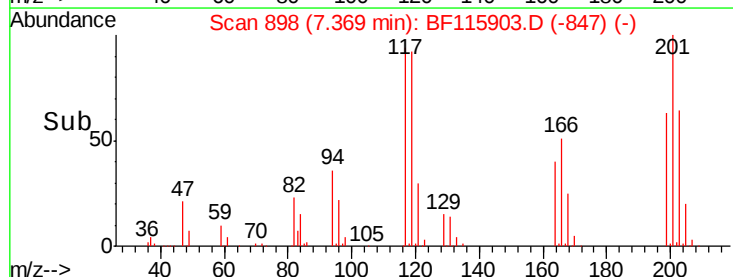
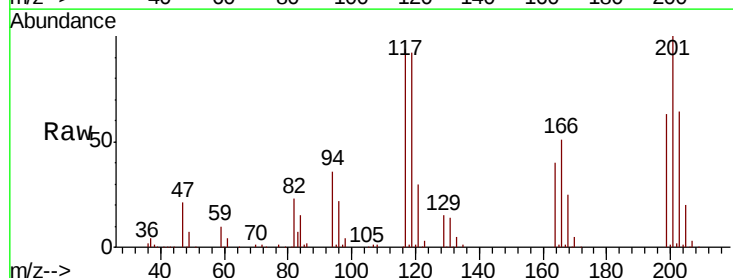
Instrument :
BNA_F
ClientSampleId :

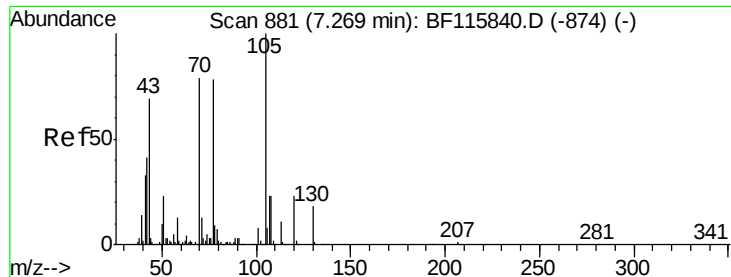
Tot Ion:	107	Resp:	323515
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.4	137.0
77	47.5	37.6	56.4
79	44.9	36.2	54.4



#18
Hexachloroethane
Concen: 38.271 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:	117	Resp:	145850
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.6
201	106.2	82.0	123.0

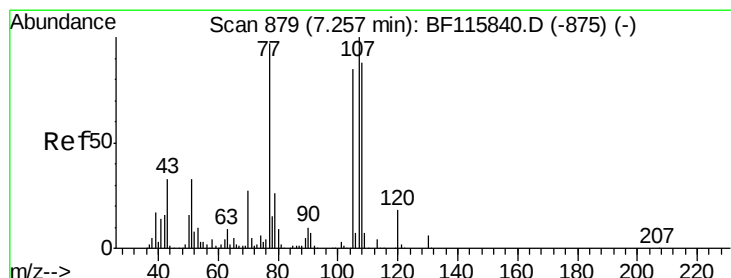
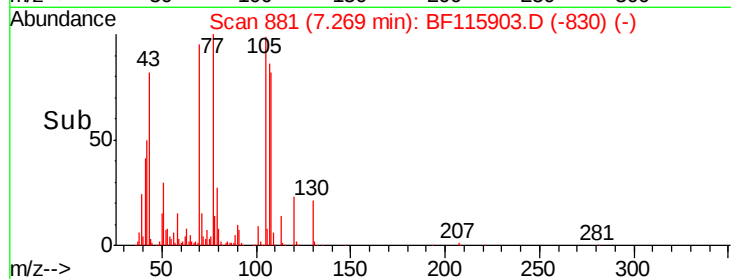
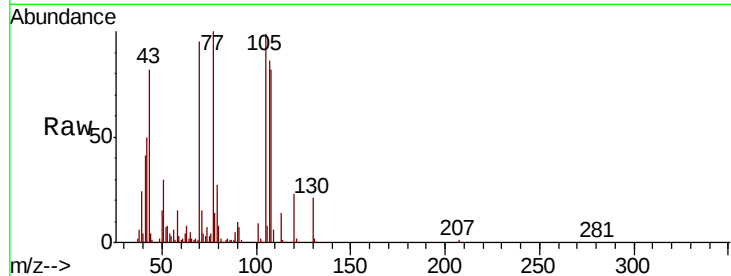
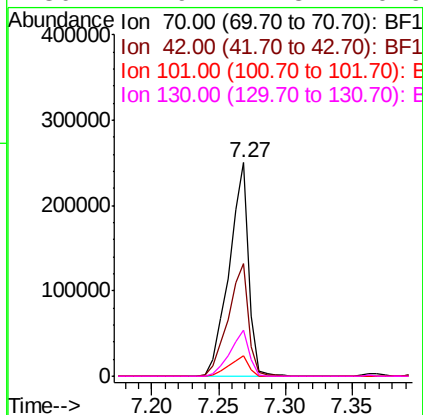




#19
n-Nitroso-di-n-propylamine
Concen: 41.001 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

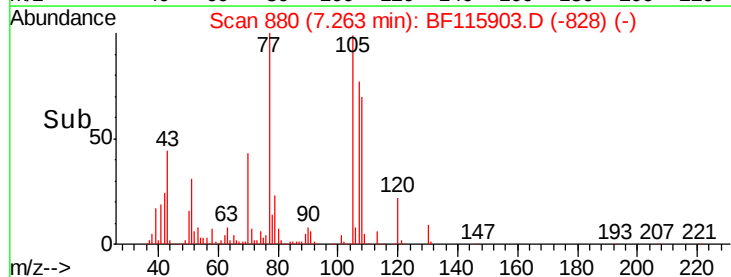
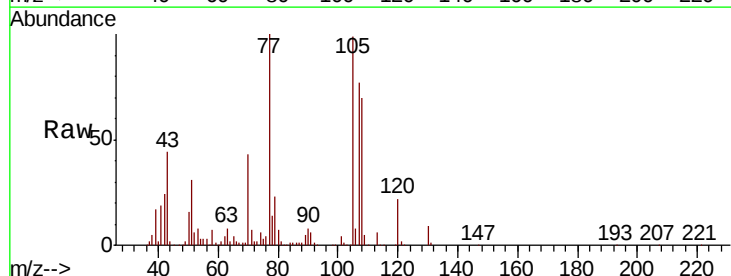
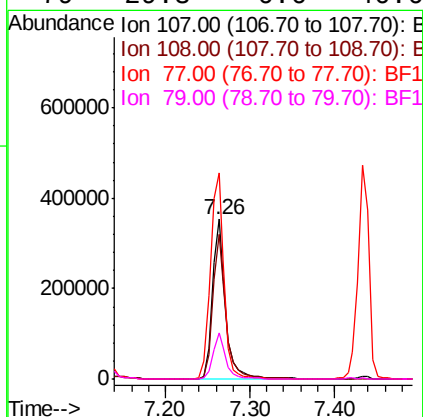
Instrument :
BNA_F
ClientSampleId :

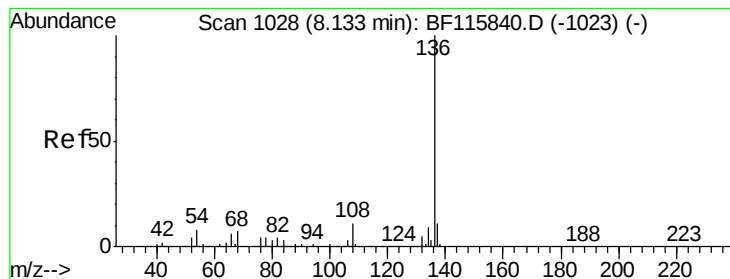
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	9.7	7.7	11.5
130	21.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 43.068 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.9	107.9
77	129.3	77.3	117.3#
79	29.3	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: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 519584

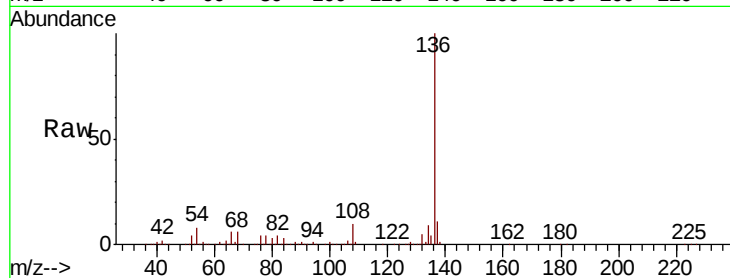
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 6.1 9.1

68 6.5 5.4 8.2

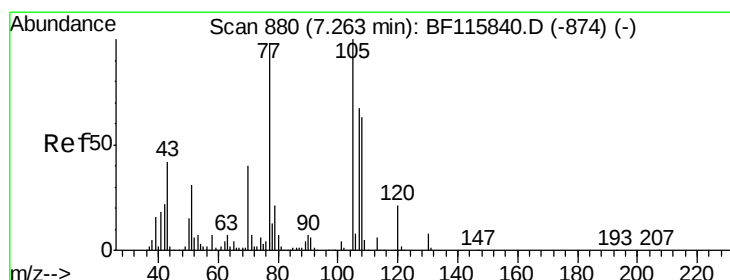
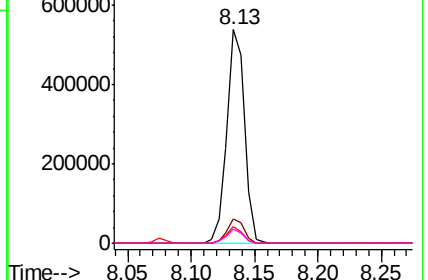
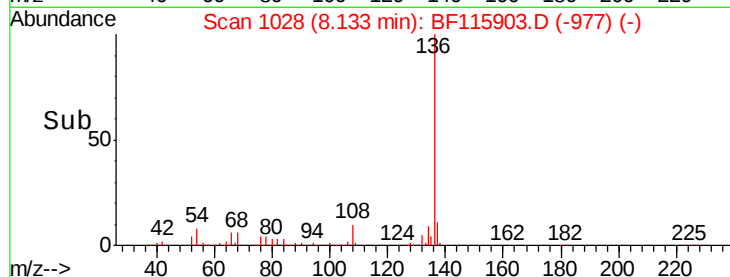


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.805 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:105 Resp: 510565

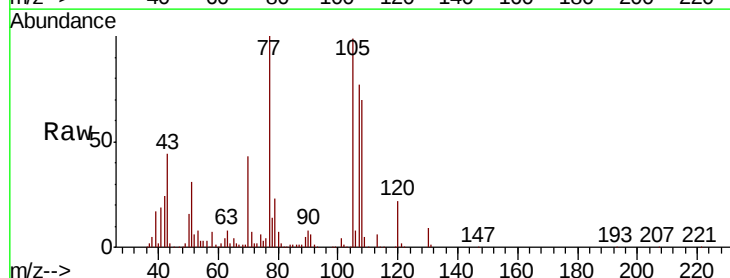
Ion Ratio Lower Upper

105 100

71 7.1 5.4 8.0

51 31.6 24.6 36.8

120 22.2 17.0 25.6

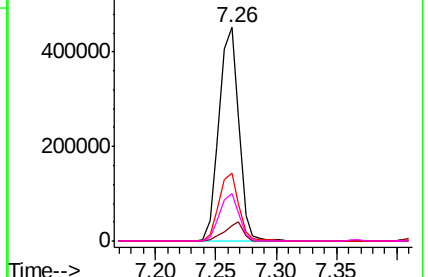
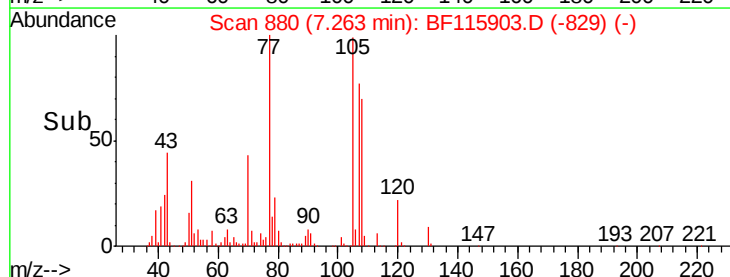


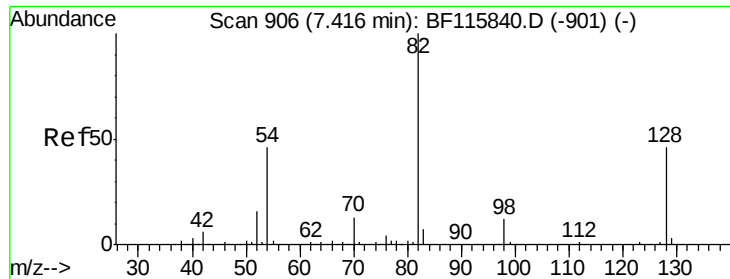
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

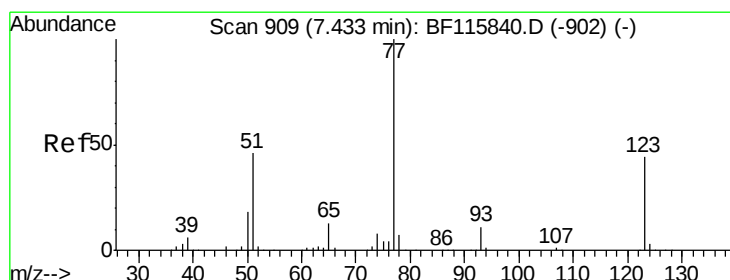
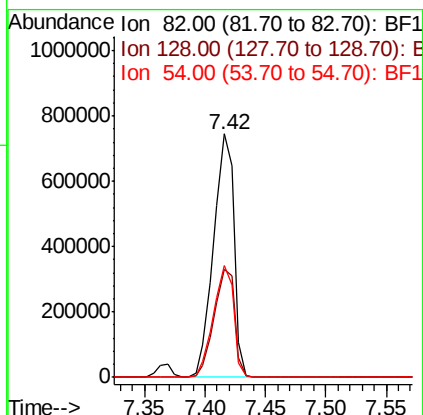
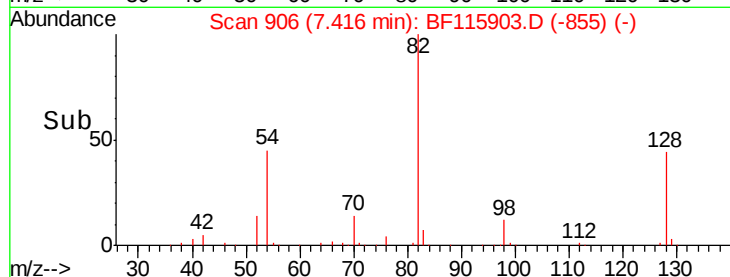
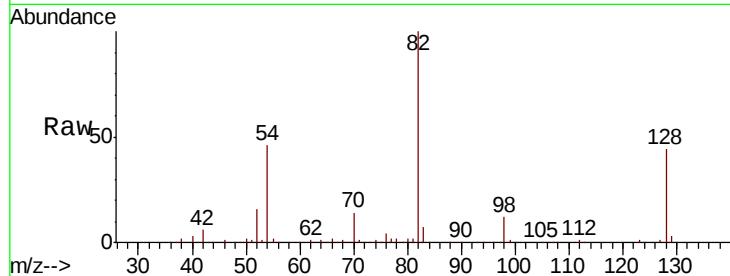




#23
Nitrobenzene-d5
Concen: 95.826 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

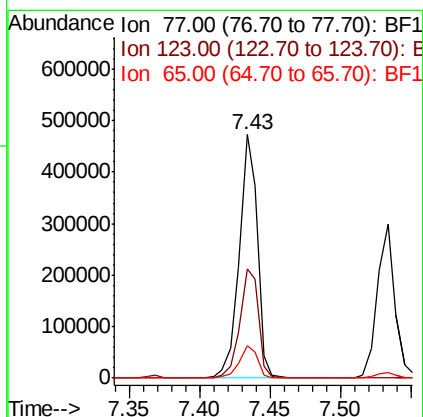
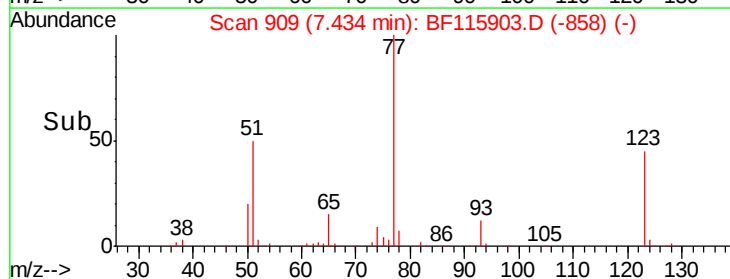
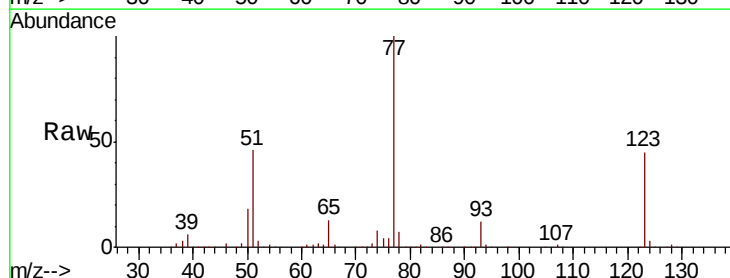
Instrument :
BNA_F
ClientSampleId :

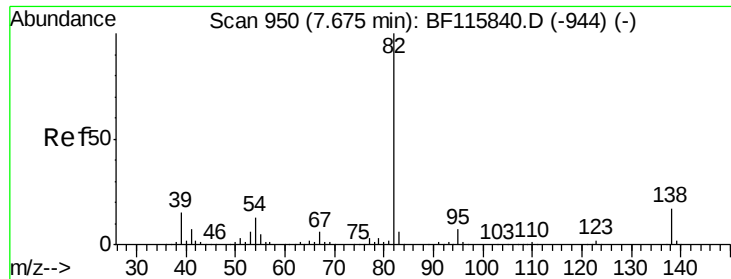
Tot Ion: 82 Resp: 862563
Ion Ratio Lower Upper
82 100
128 44.4 36.6 55.0
54 46.1 36.6 55.0



#24
Nitrobenzene
Concen: 43.103 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion: 77 Resp: 418936
Ion Ratio Lower Upper
77 100
123 45.0 35.5 53.3
65 13.4 10.6 15.8





#25

Isophorone

Concen: 43.808 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

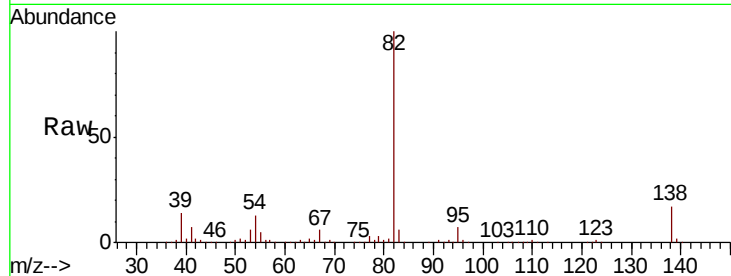
Tot Ion: 82 Resp: 754024

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

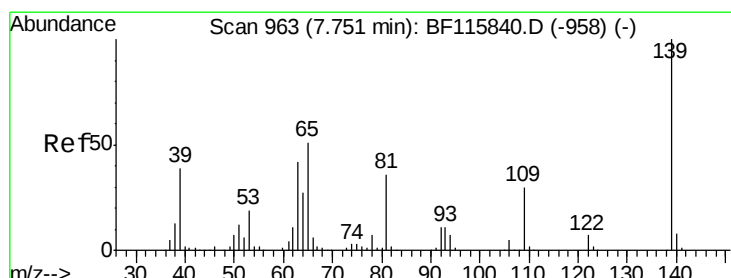
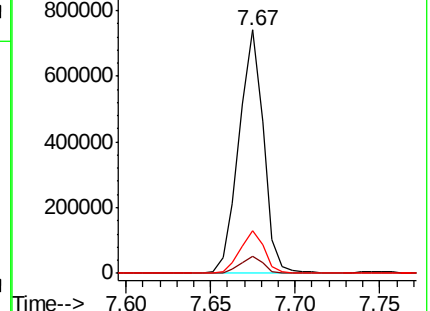
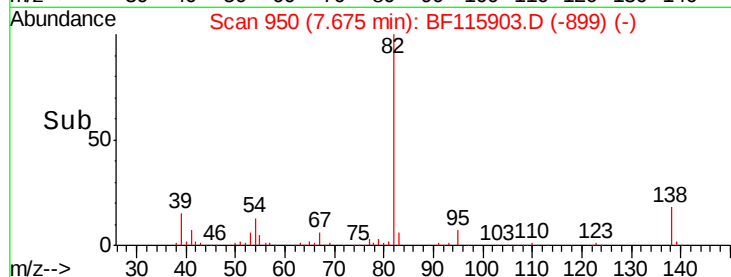
138 17.4 13.9 20.9



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: 44.966 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

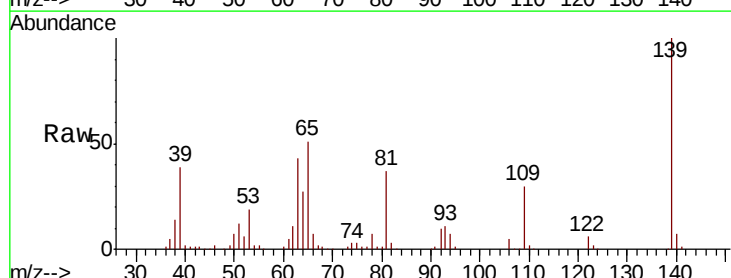
Tgt Ion: 139 Resp: 206011

Ion Ratio Lower Upper

139 100

109 30.1 23.6 35.4

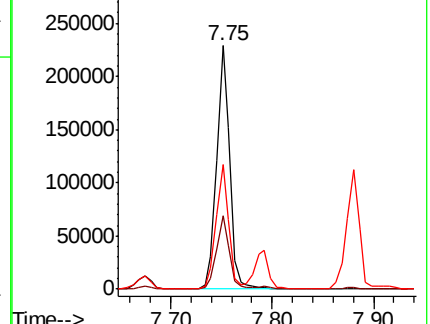
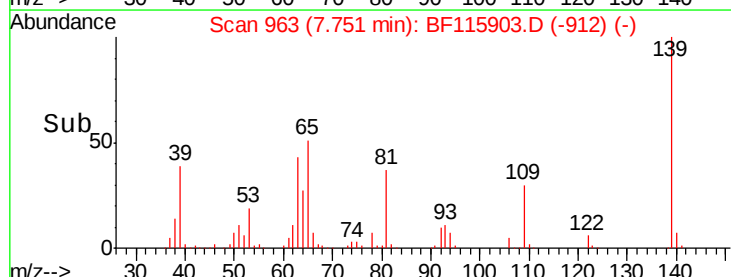
65 51.3 40.6 60.8

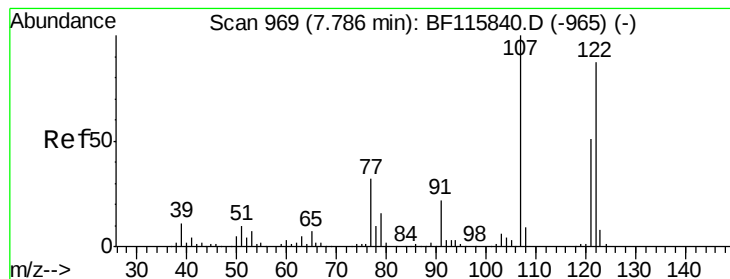


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.356 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

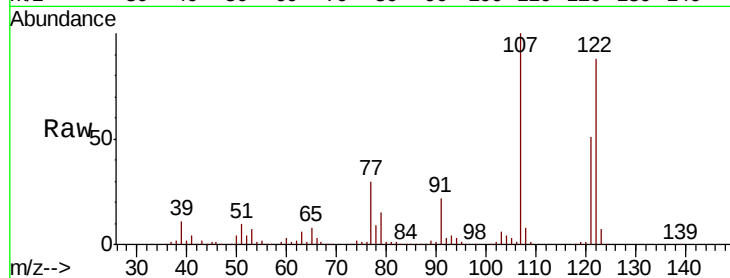
Tot Ion:122 Resp: 340204

Ion Ratio Lower Upper

122 100

107 113.9 91.7 137.5

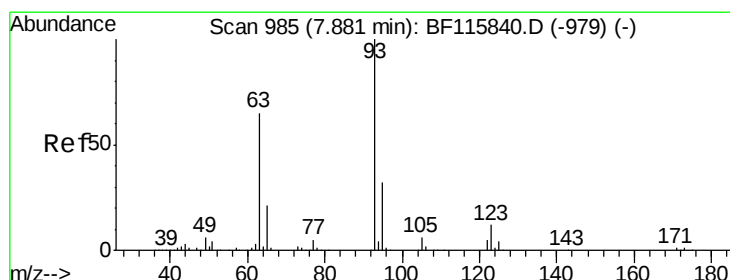
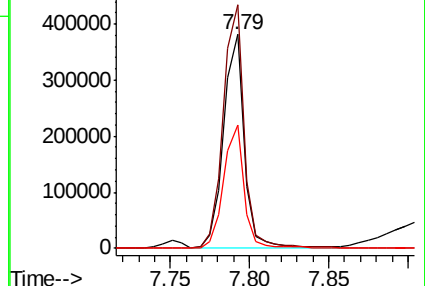
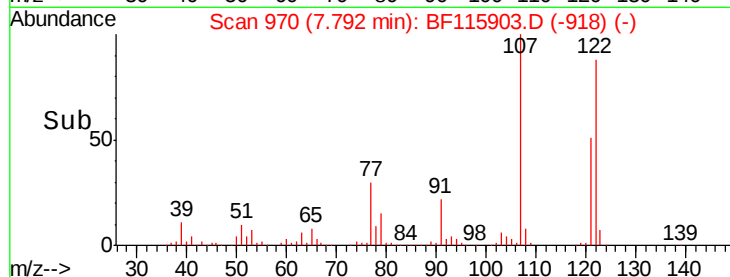
121 57.7 46.6 70.0



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: 43.042 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

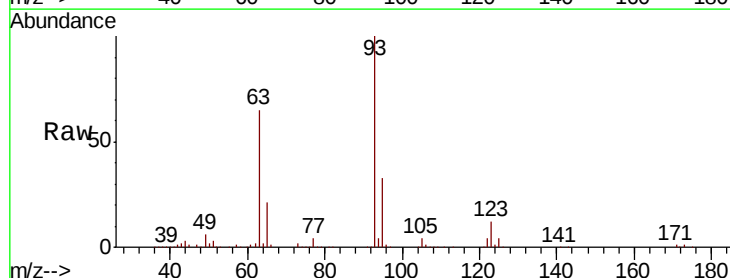
Tgt Ion: 93 Resp: 459177

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

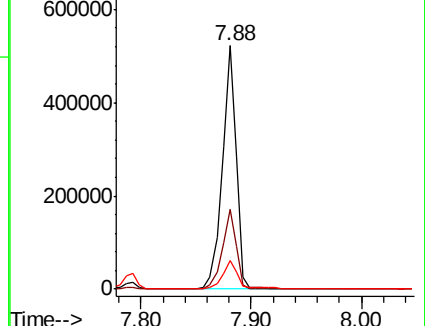
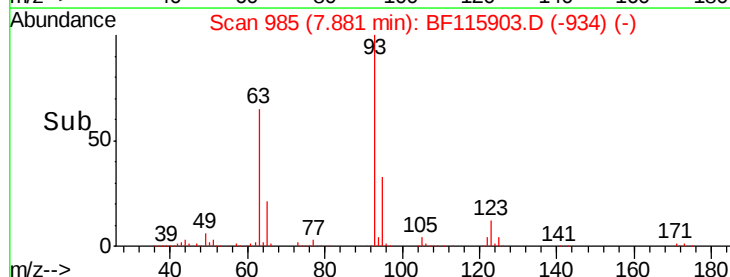
123 11.6 9.5 14.3

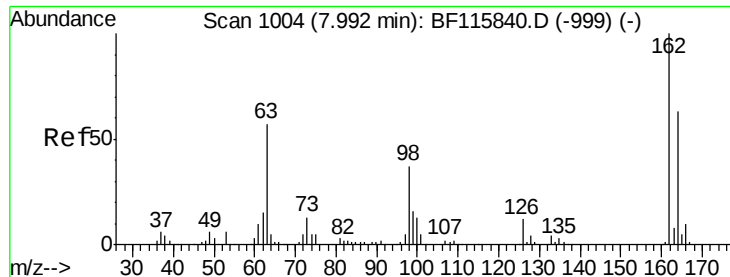


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

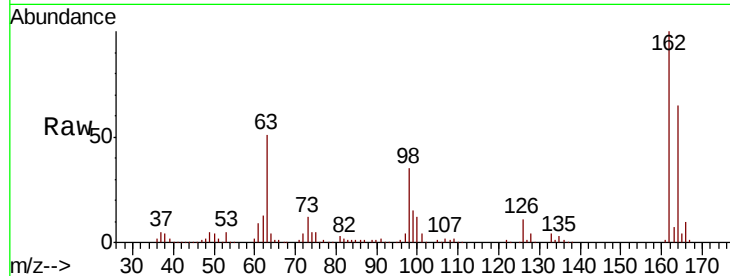




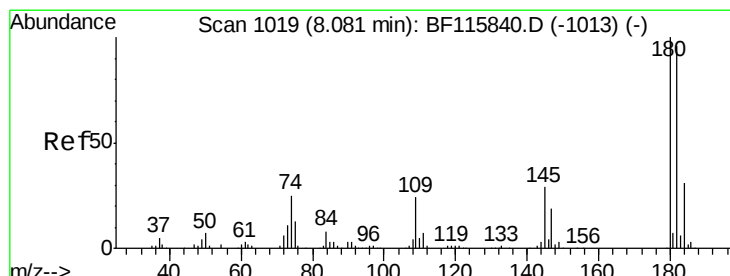
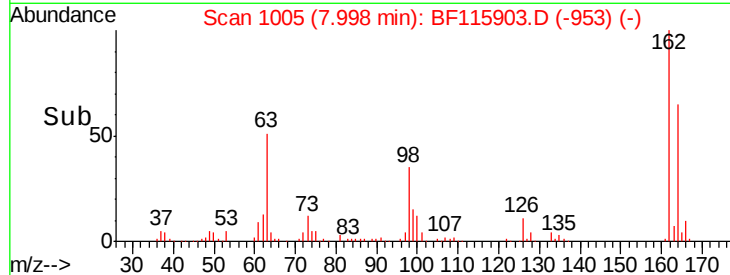
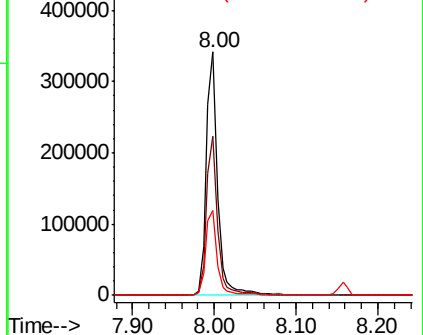
#29
 2,4-Dichlorophenol
 Concen: 45.357 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 330105
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.2 83.2
 98 34.8 17.3 57.3

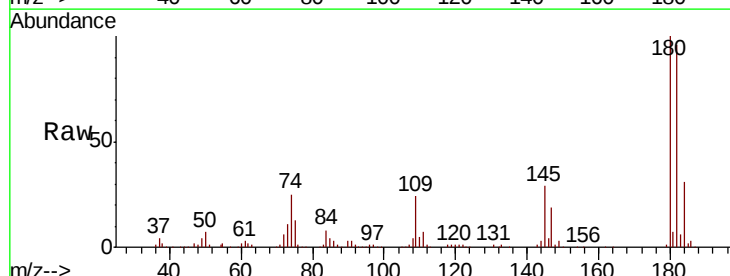


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

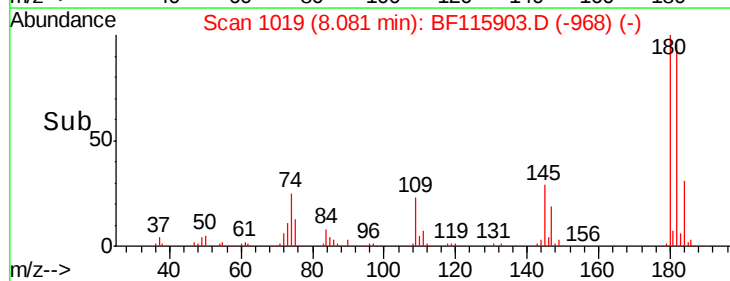
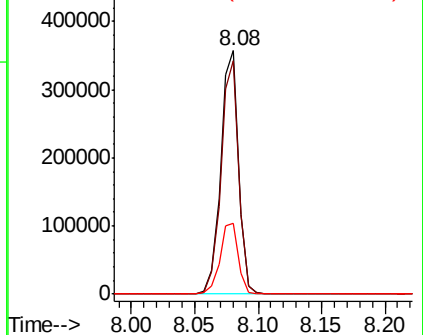


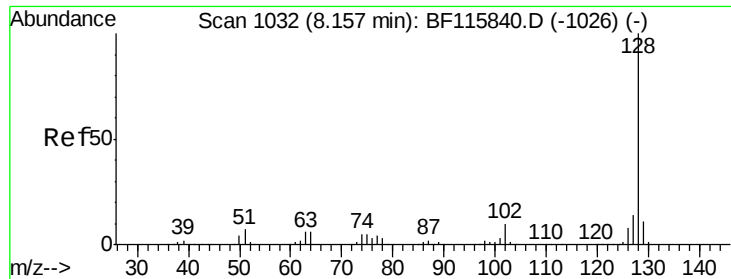
#30
 1,2,4-Trichlorobenzene
 Concen: 42.349 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:180 Resp: 351329
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 114.8
 145 29.2 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

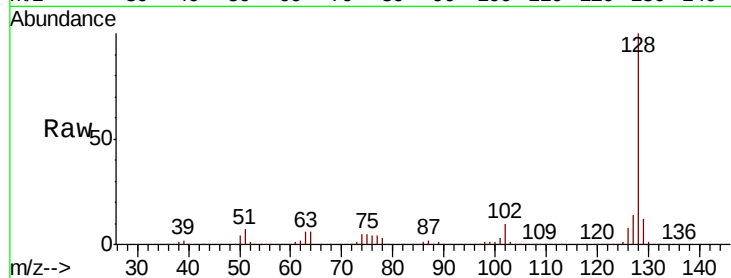




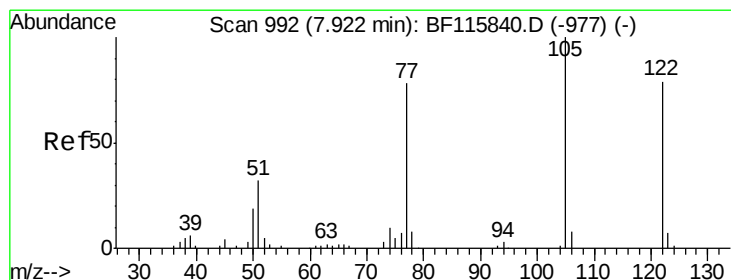
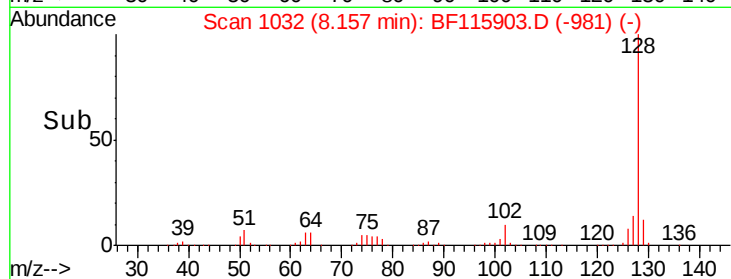
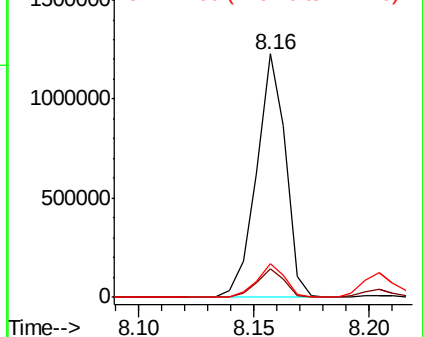
#31
Naphthalene
Concen: 44.229 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1081416
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 11.0 16.4

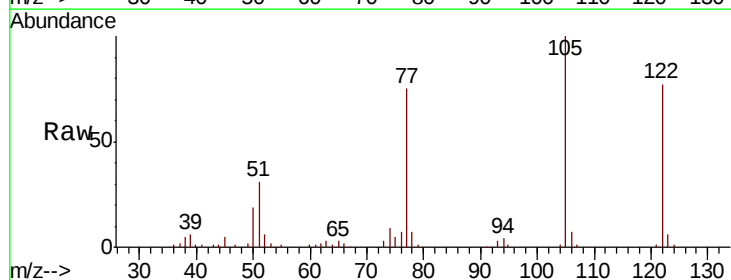


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

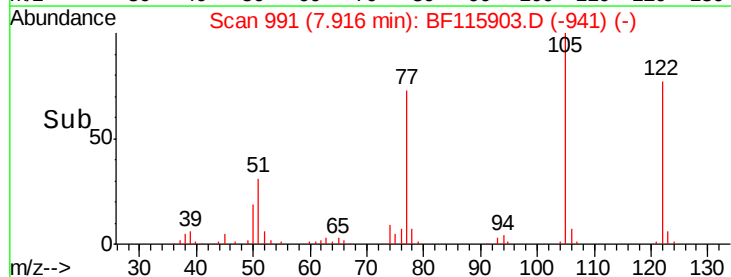
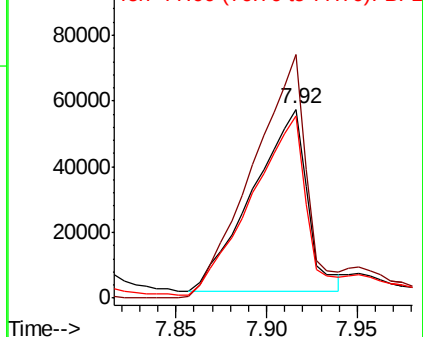


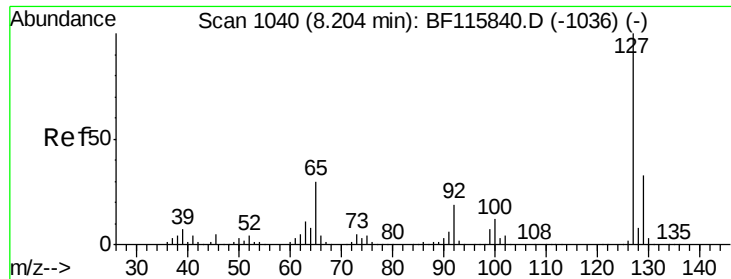
#32
Benzoic acid
Concen: 24.039 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:122 Resp: 116820
Ion Ratio Lower Upper
122 100
105 129.1 103.1 143.1
77 96.3 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

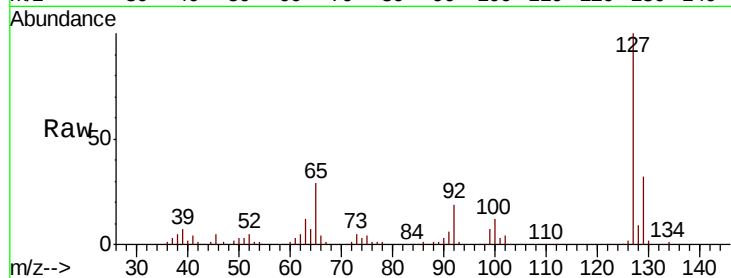




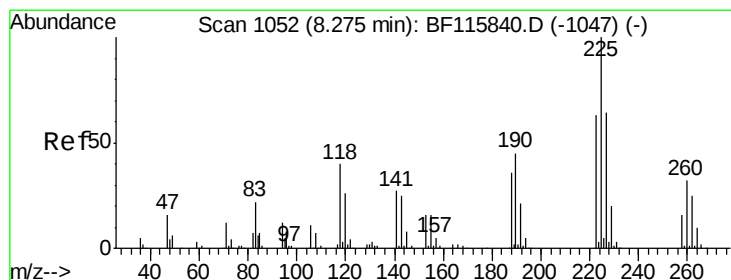
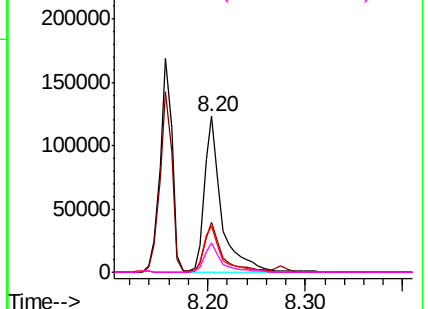
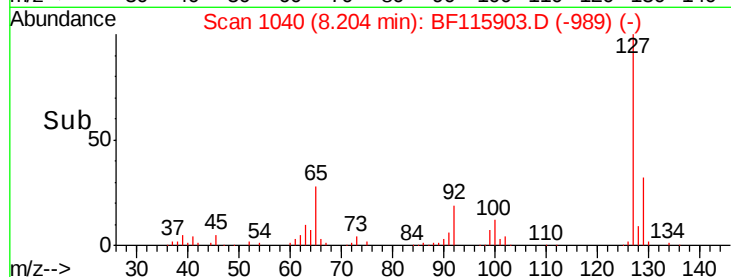
#33
4-Chloroaniline
Concen: 13.796 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	150720
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	29.5	23.9	35.9
92	18.9	14.9	22.3

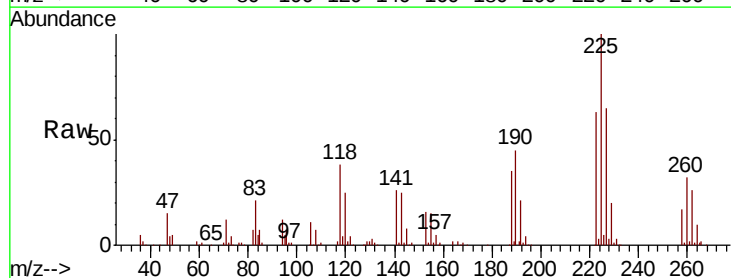


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

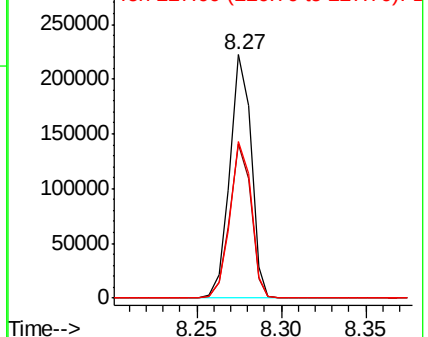
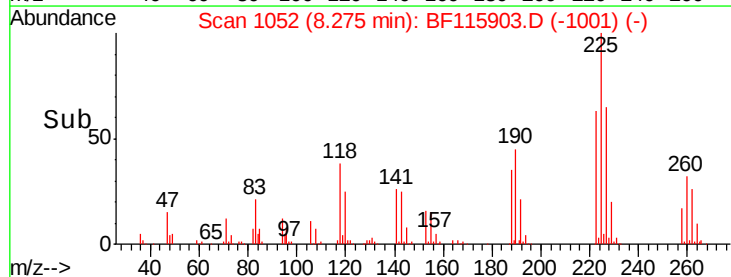


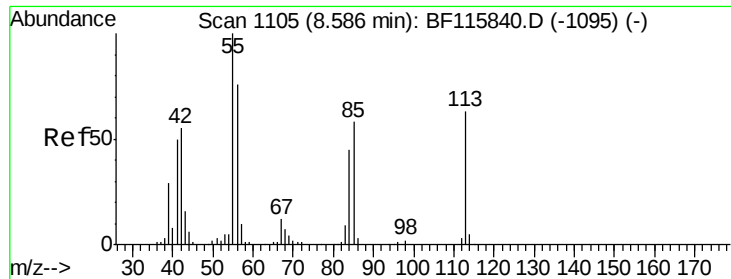
#34
Hexachlorobutadiene
Concen: 40.874 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:	225	Resp:	195316
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	64.5	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

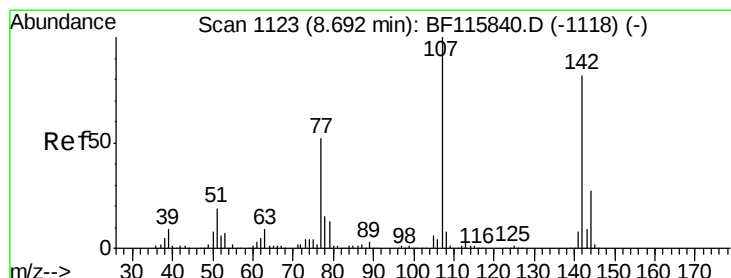
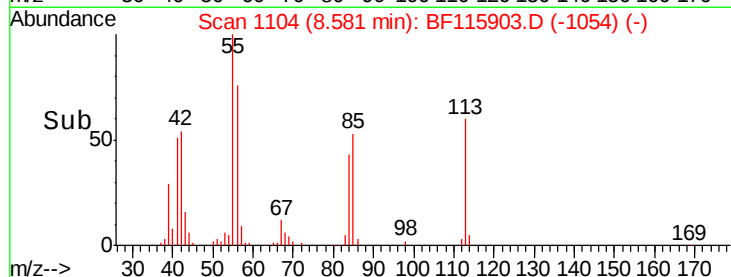
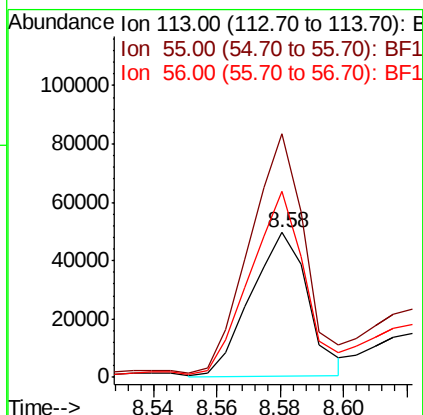
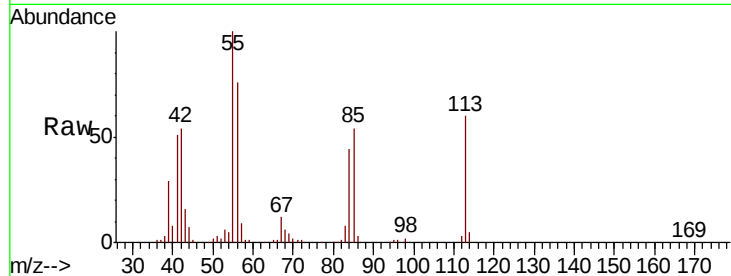




#35
Caprolactam
Concen: 26.225 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

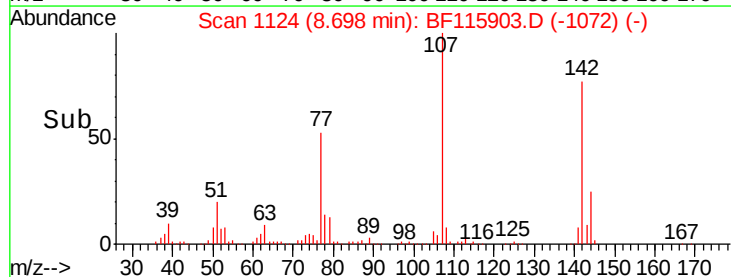
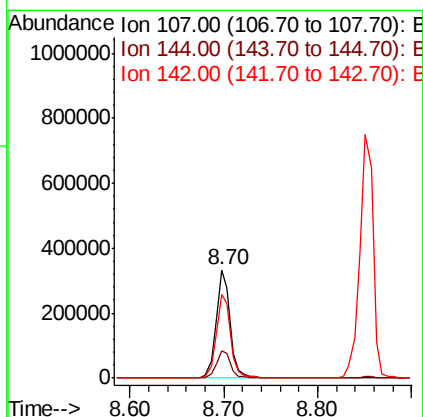
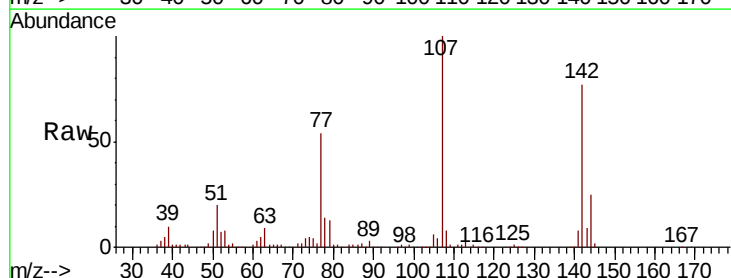
Instrument :
BNA_F
ClientSampled :

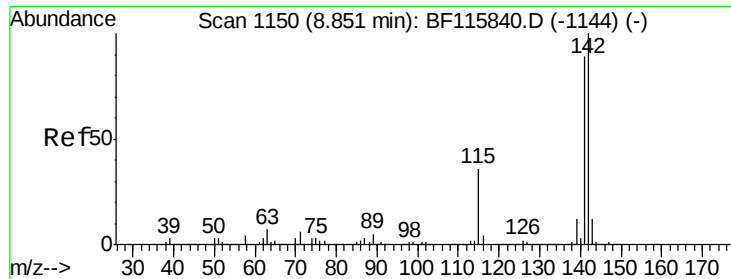
Tot Ion:113 Resp: 61731
Ion Ratio Lower Upper
113 100
55 168.0 138.1 178.1
56 128.1 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 46.320 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:107 Resp: 350702
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 77.3 65.5 98.3

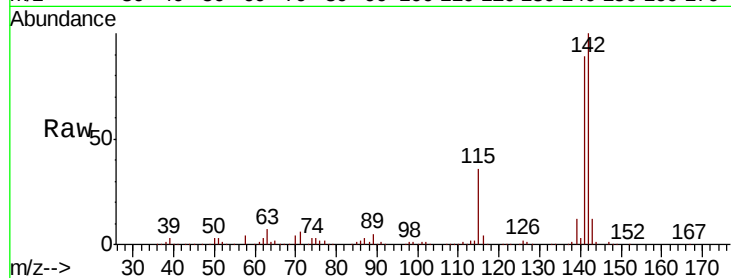




#37
2-Methylnaphthalene
Concen: 45.825 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.8	28.9	43.3

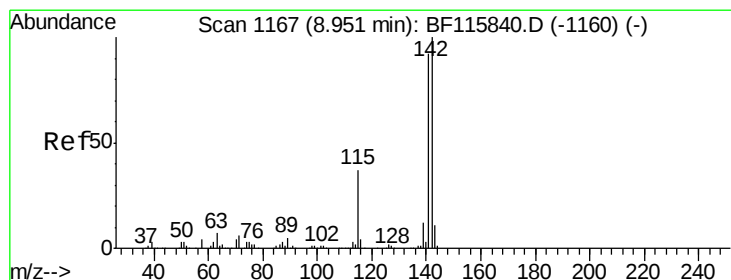
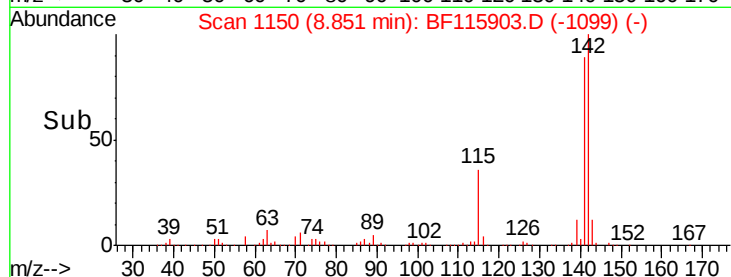
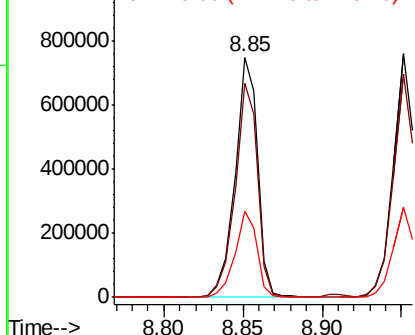


Abundance

Ion 142.00 (141.70 to 142.70): E

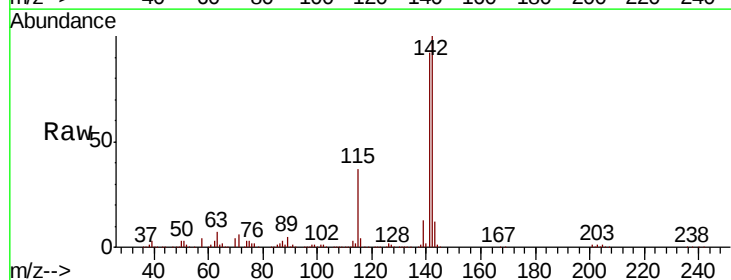
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.897 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.6
116	3.8	3.1	4.7

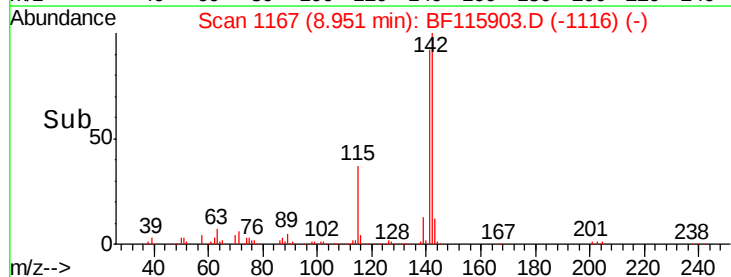
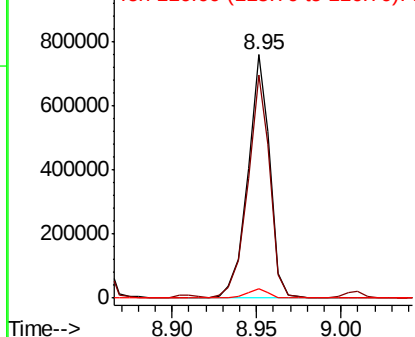


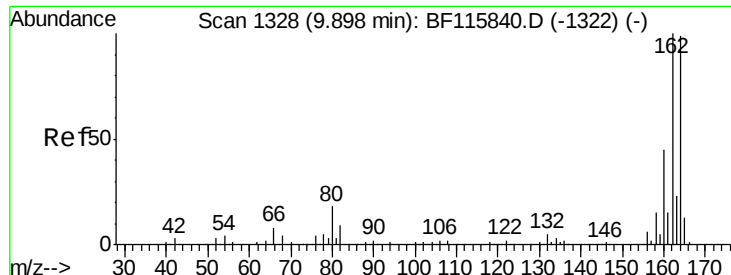
Abundance

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

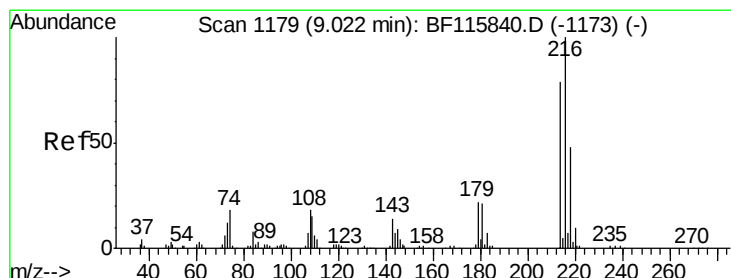
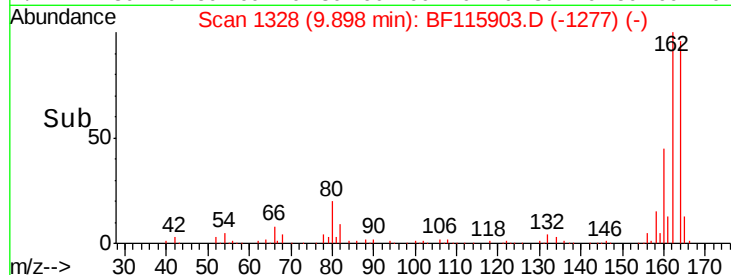
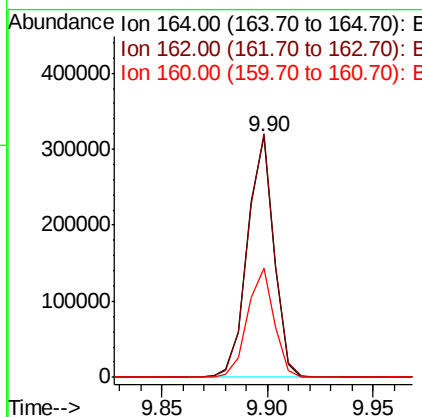
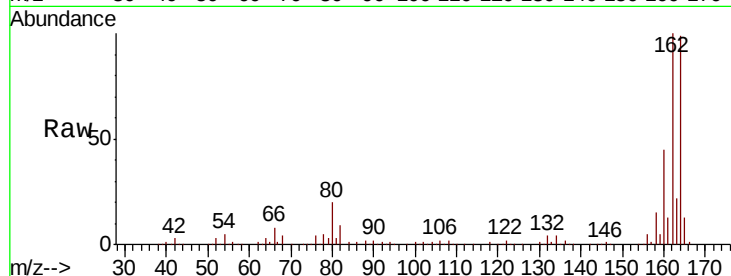




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

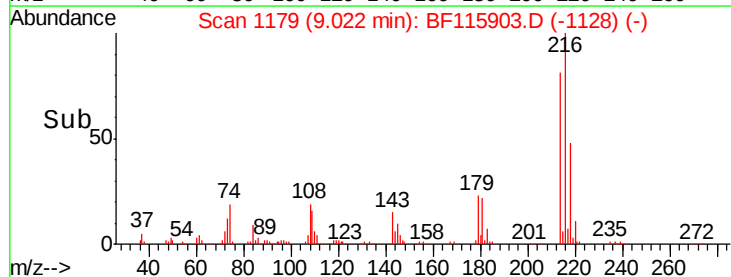
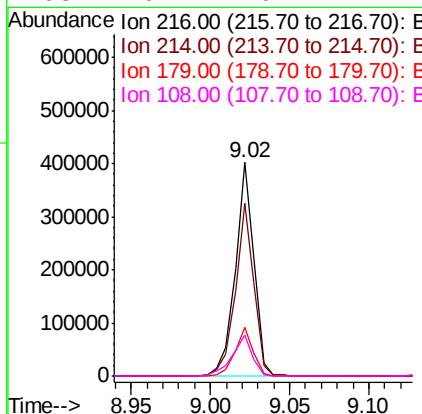
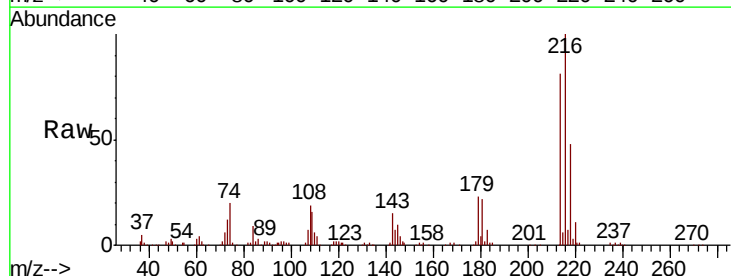
Instrument :
BNA_F
ClientSampleId :

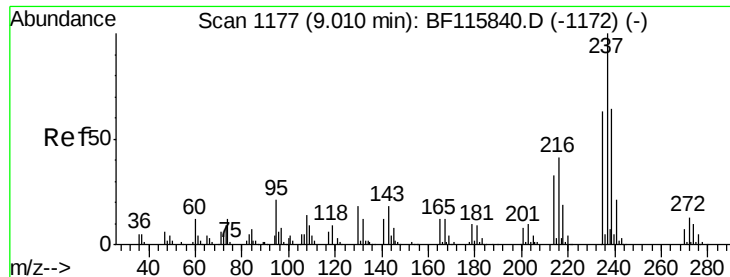
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.8	121.2
160	45.4	36.2	54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.480 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	22.1	17.6	26.4
108	20.7	16.1	24.1

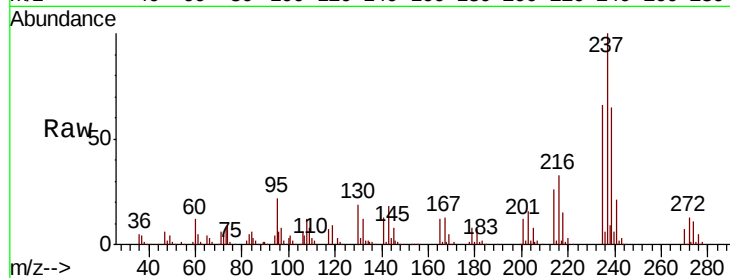




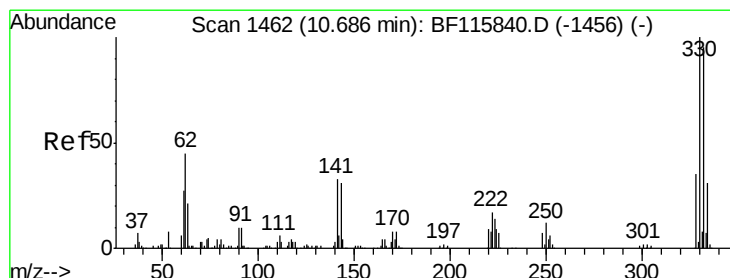
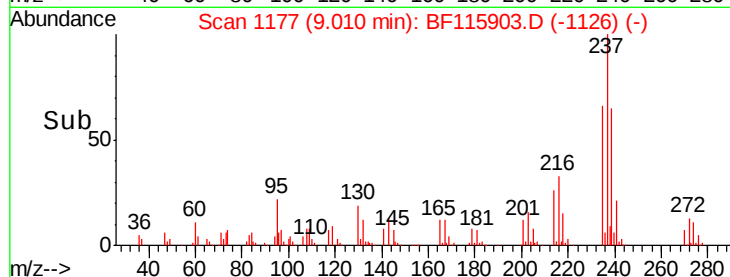
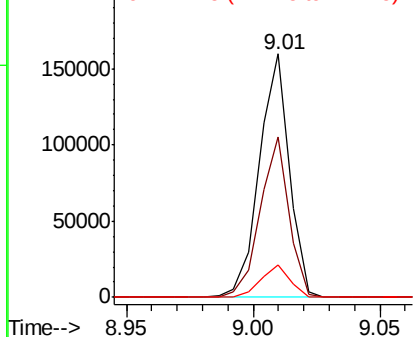
#41
Hexachlorocyclopentadiene
Concen: 42.652 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.8	42.5	82.5
272	13.4	0.0	33.3

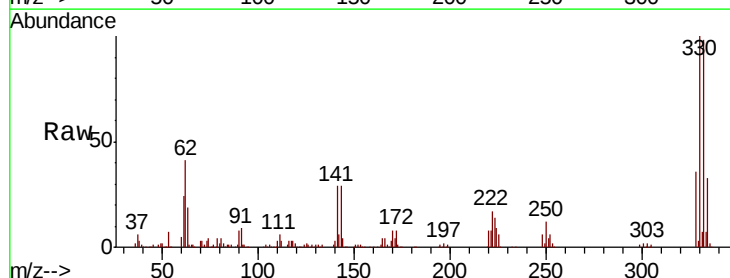


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

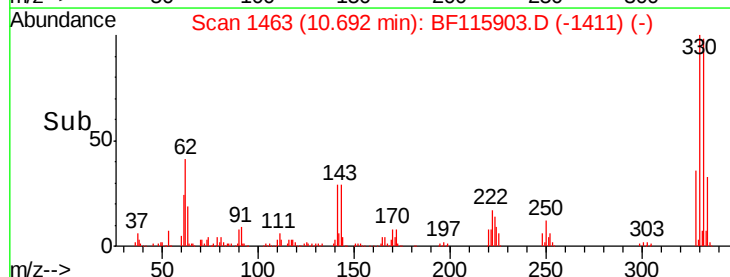
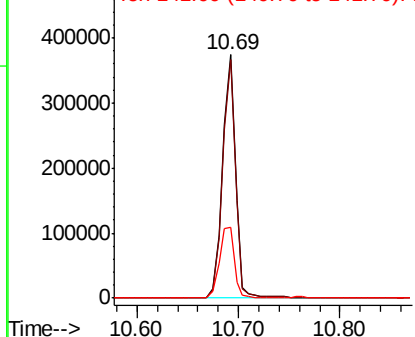


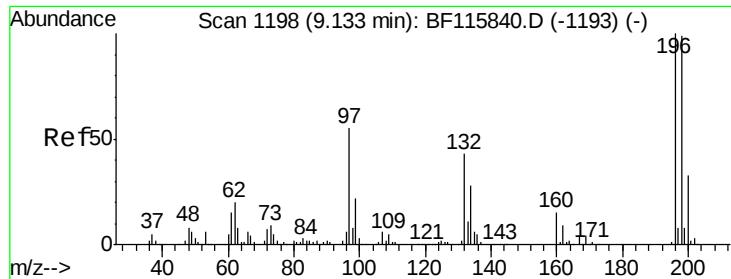
#42
2,4,6-Tribromophenol
Concen: 125.775 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.7	116.5
141	33.5	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

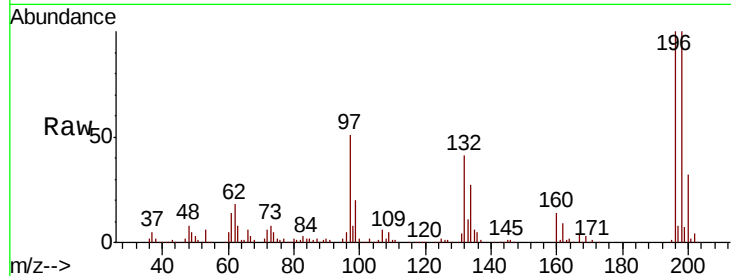




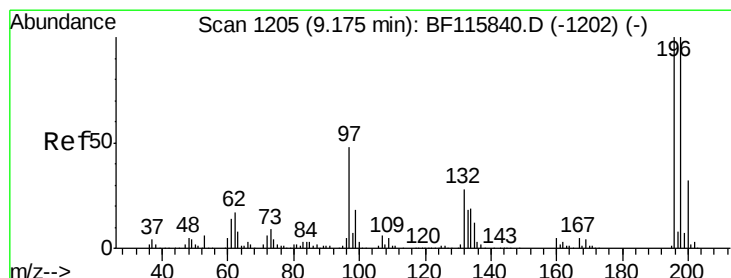
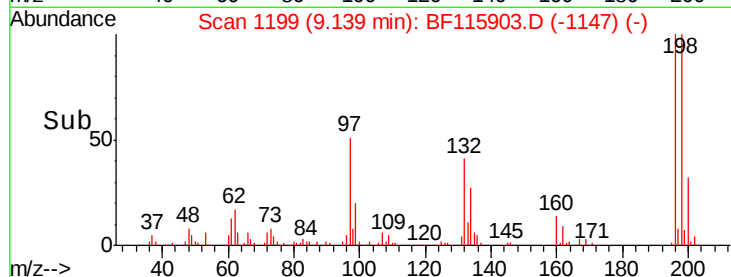
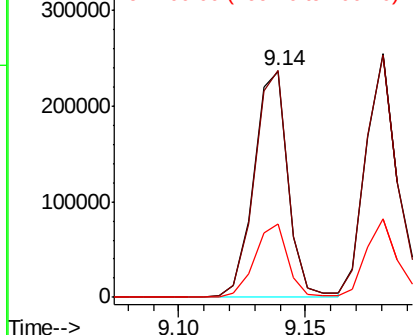
#43
 2,4,6-Trichlorophenol
 Concen: 43.828 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 222834
 Ion Ratio Lower Upper
 196 100
 198 100.4 79.1 118.7
 200 32.4 26.0 39.0

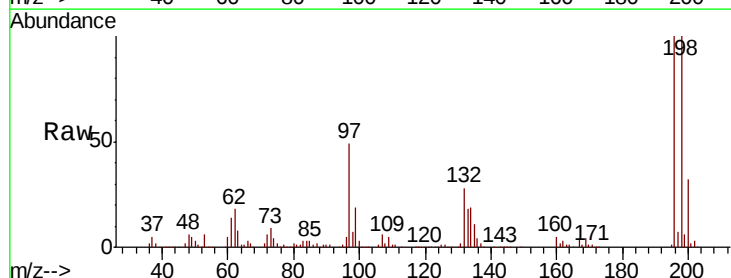


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

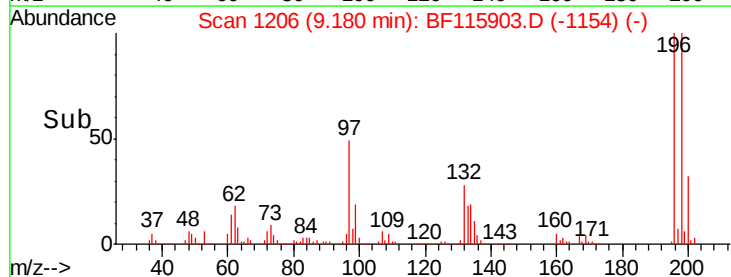
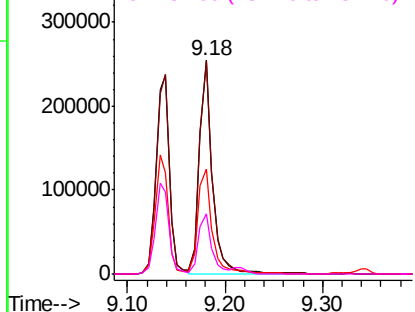


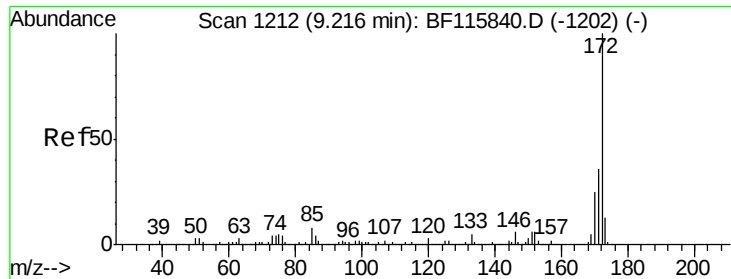
#44
 2,4,5-Trichlorophenol
 Concen: 44.694 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:196 Resp: 234893
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.1 120.1
 97 49.1 38.9 58.3
 132 28.4 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

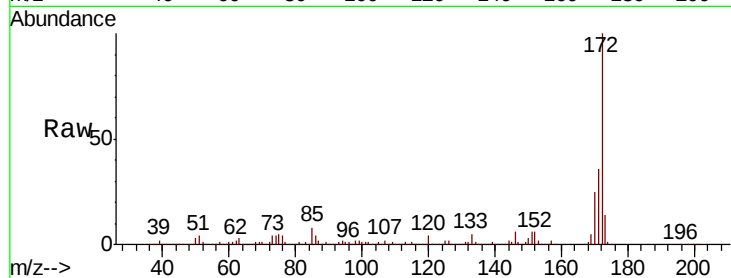




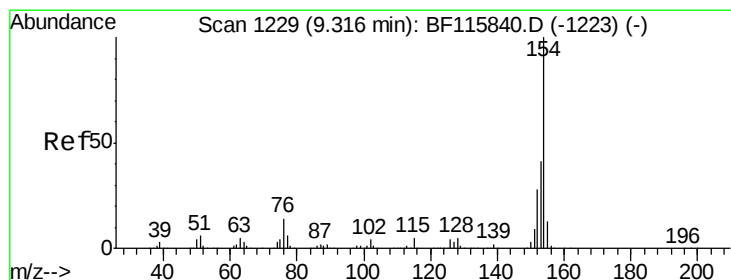
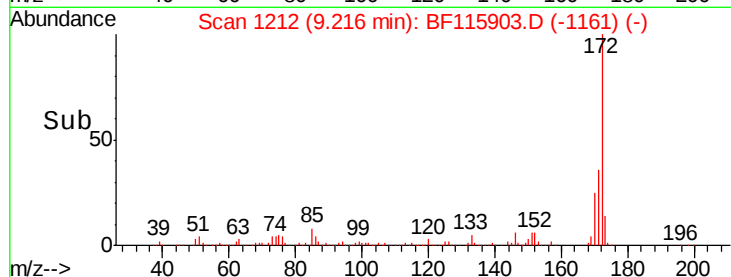
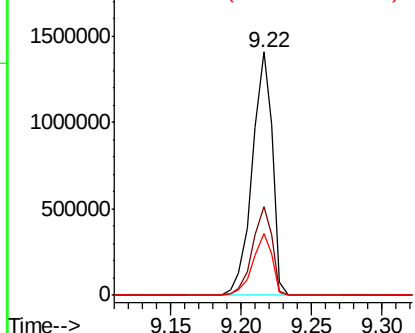
#45
2-Fluorobiphenyl
Concen: 95.754 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1412471
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.2 20.1 30.1

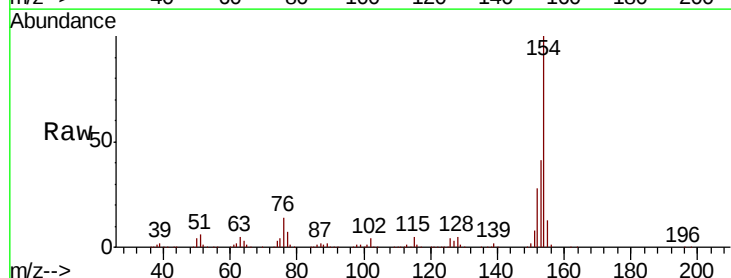


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

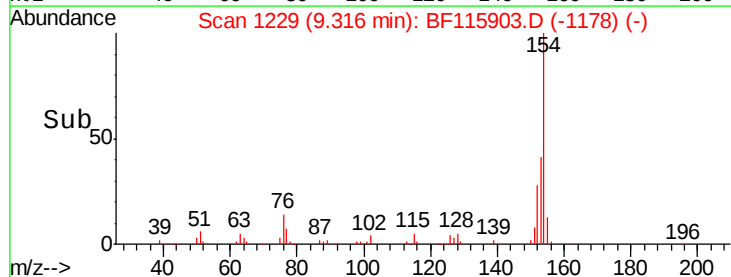
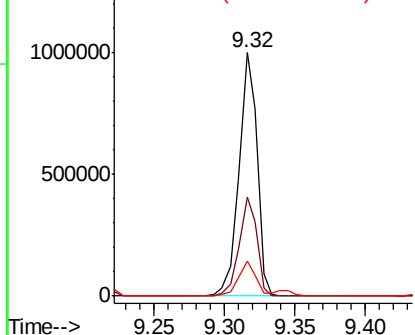


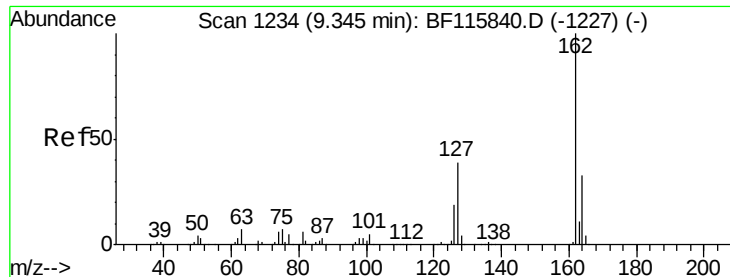
#46
1,1'-Biphenyl
Concen: 45.525 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:154 Resp: 888028
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 14.3 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

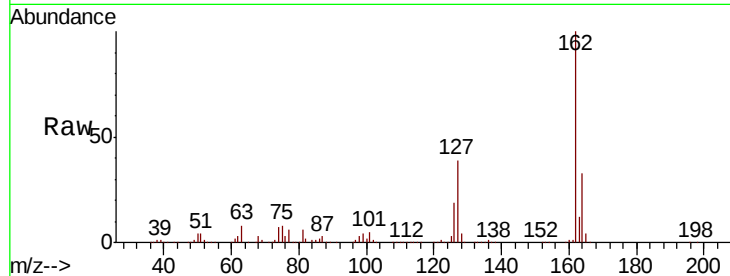




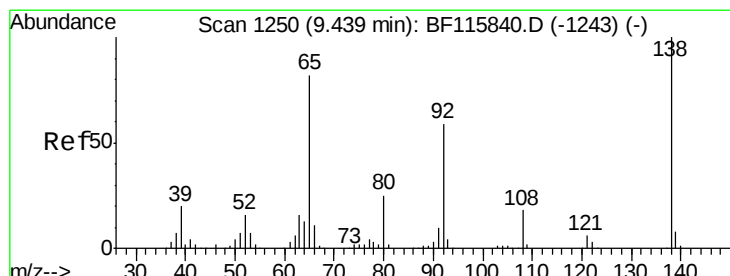
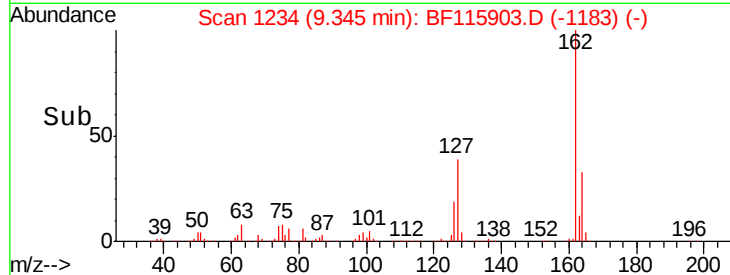
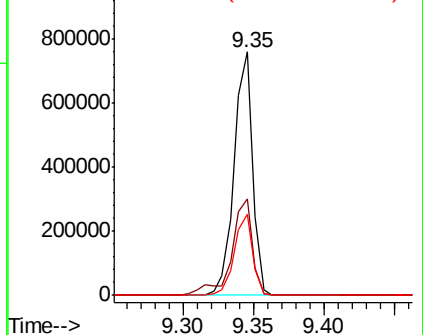
#47
 2-Chloronaphthalene
 Concen: 42.754 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.3	46.9
164	33.3	26.6	40.0

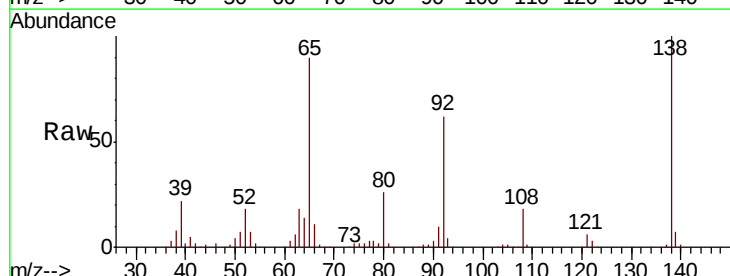


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

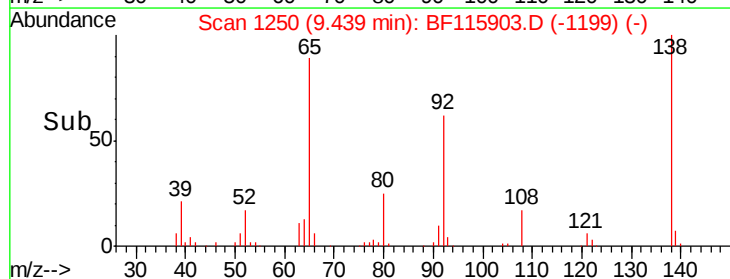
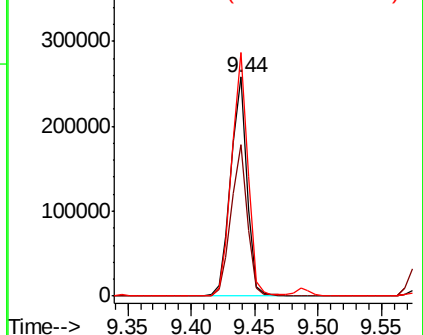


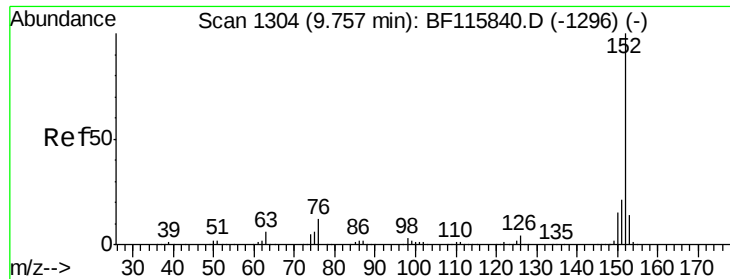
#48
 2-Nitroaniline
 Concen: 42.644 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.1	85.7
138	111.3	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: 45.291 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

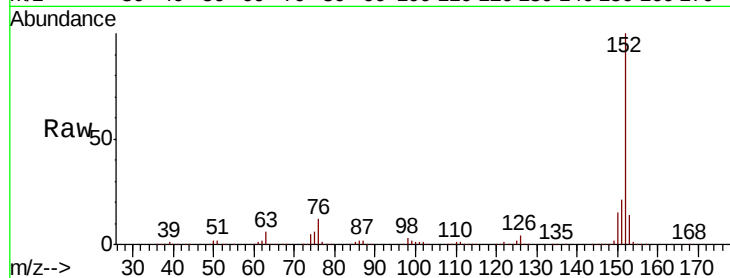
Tot Ion:152 Resp: 1072749

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

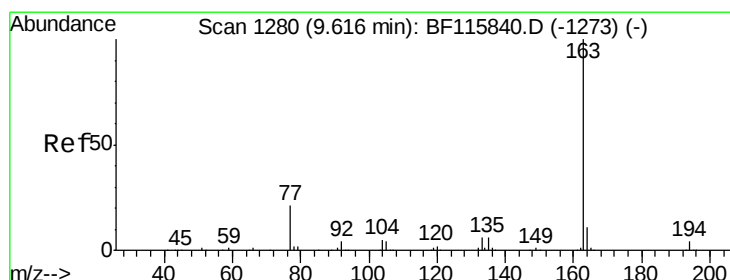
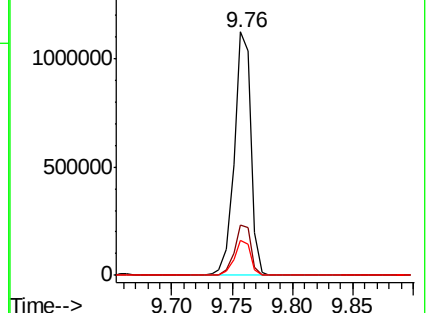
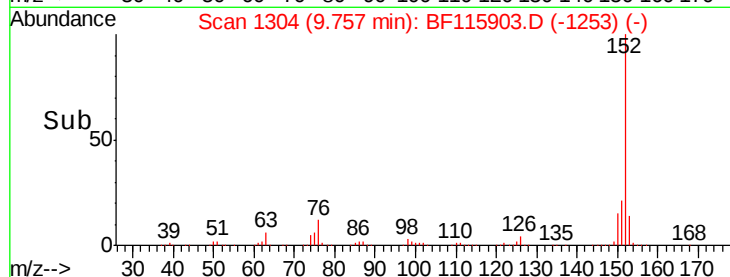
153 14.4 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.119 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

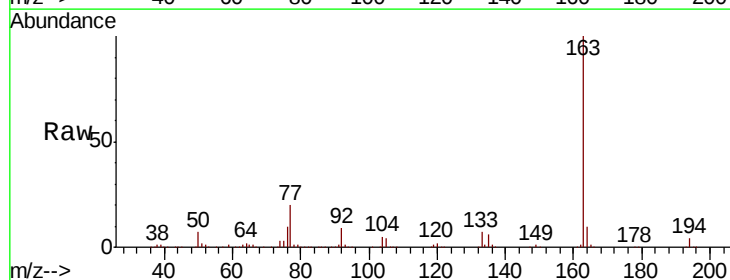
Tgt Ion:163 Resp: 1168625

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

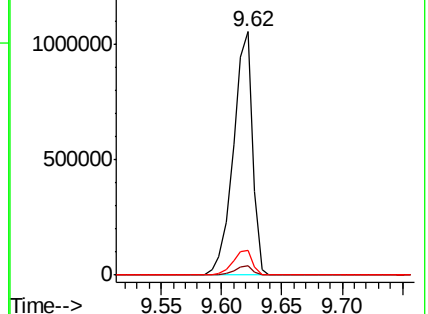
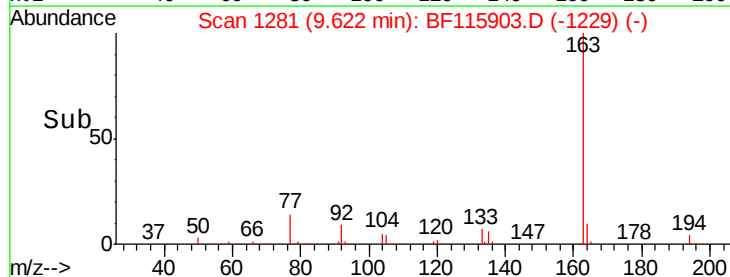
164 10.4 8.4 12.6

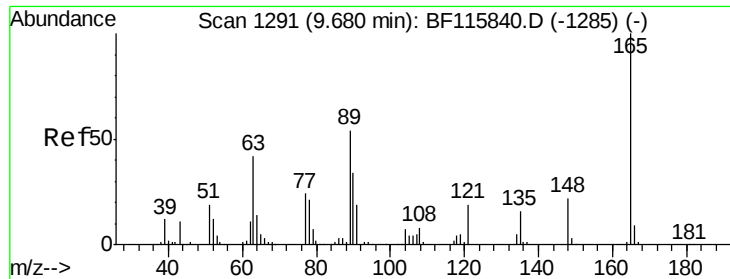


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

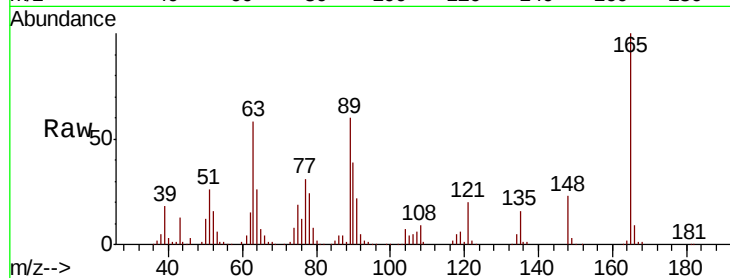




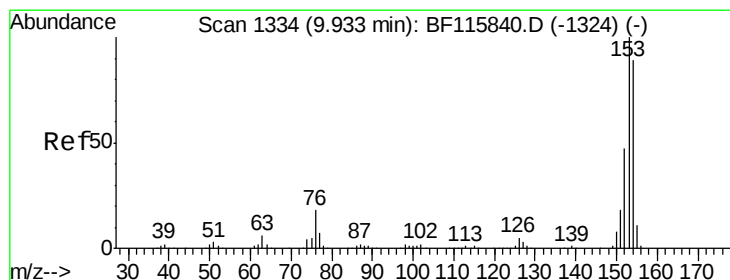
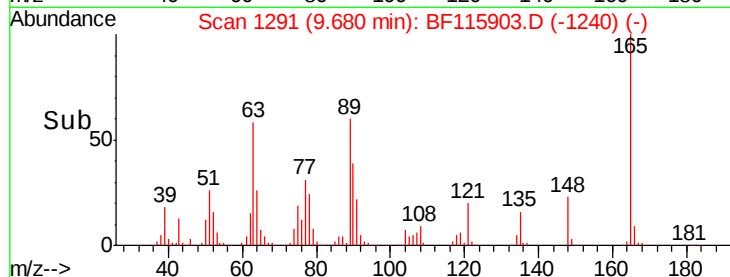
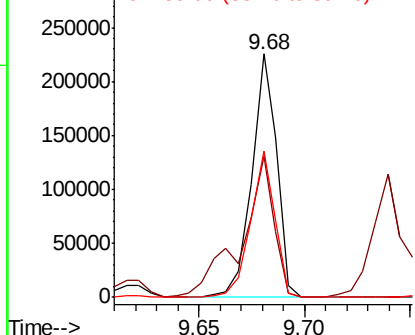
#51
 2,6-Dinitrotoluene
 Concen: 45.183 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 184723
 Ion Ratio Lower Upper
 165 100
 63 57.8 39.4 59.2
 89 60.1 43.0 64.6

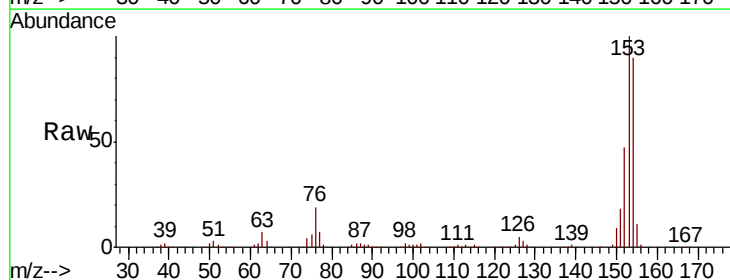


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

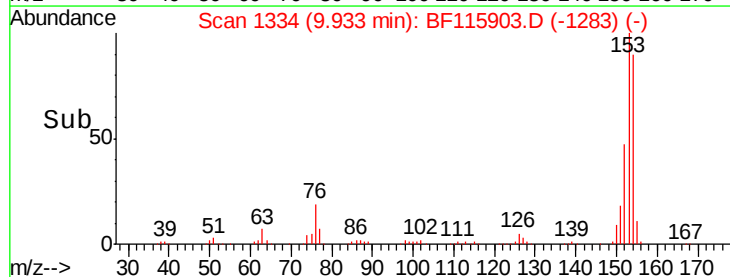
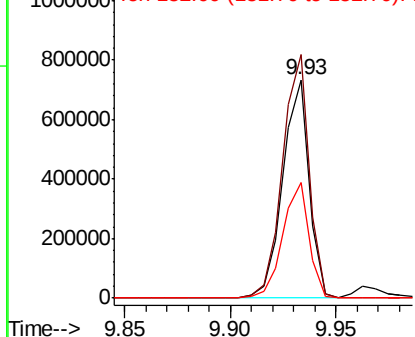


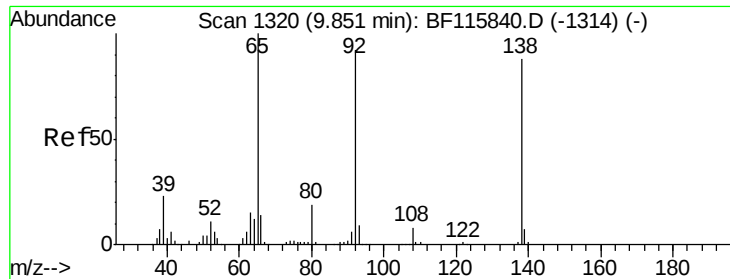
#52
 Acenaphthene
 Concen: 44.139 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:154 Resp: 641377
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.1 135.1
 152 52.7 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

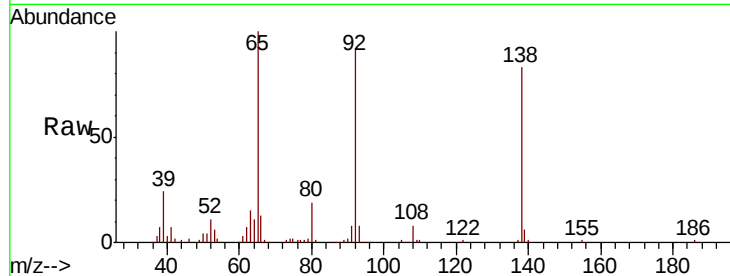




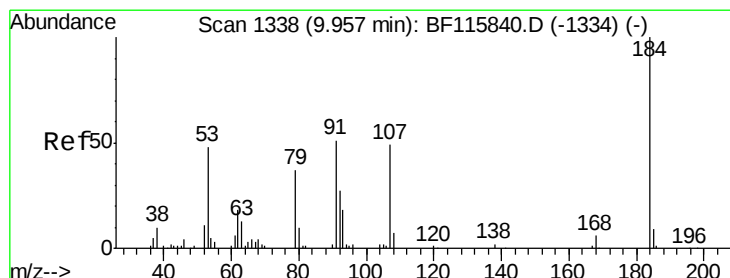
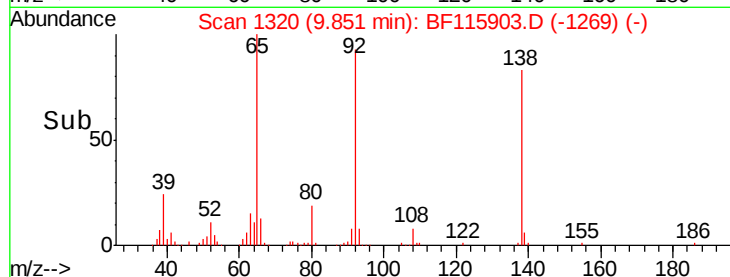
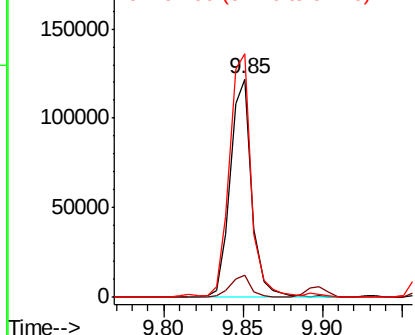
#53
3-Nitroaniline
Concen: 22.867 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115518
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 111.6 83.9 125.9

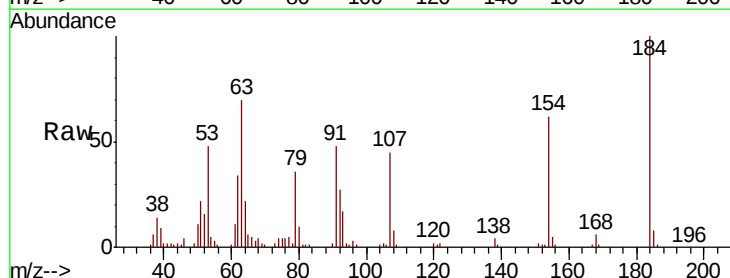


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

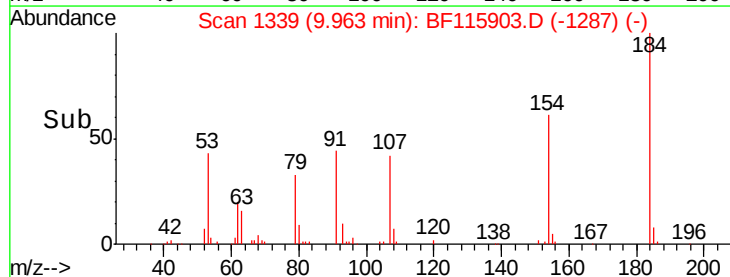
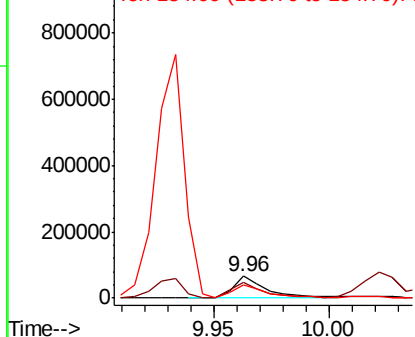


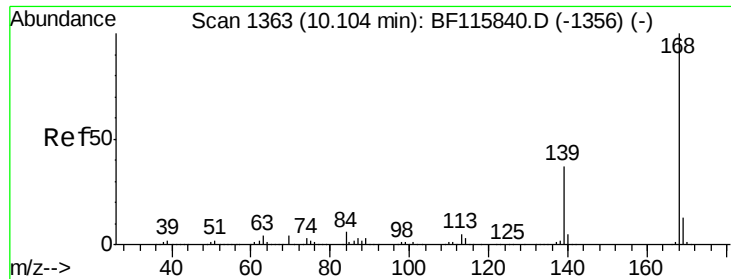
#54
2,4-Dinitrophenol
Concen: 36.577 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:184 Resp: 66285
Ion Ratio Lower Upper
184 100
63 70.4 56.7 85.1
154 61.5 51.9 77.9



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

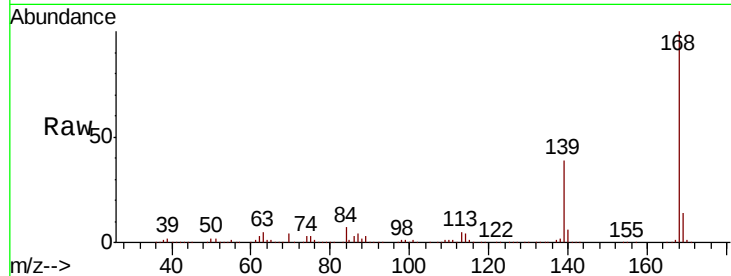




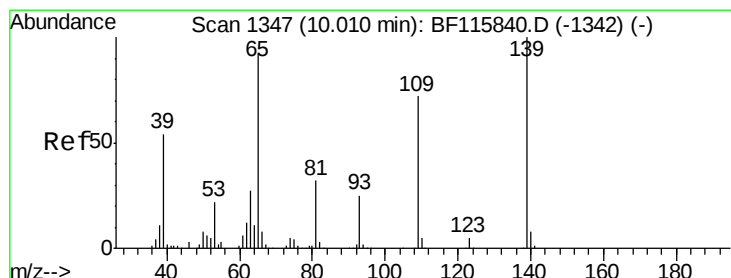
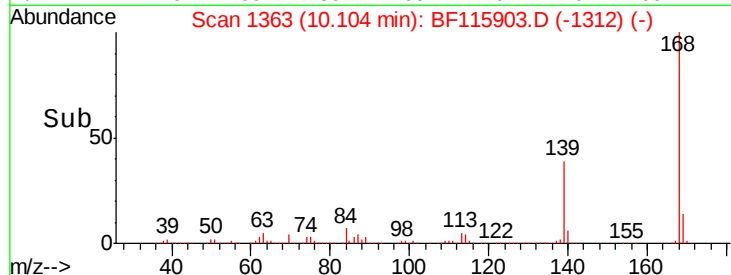
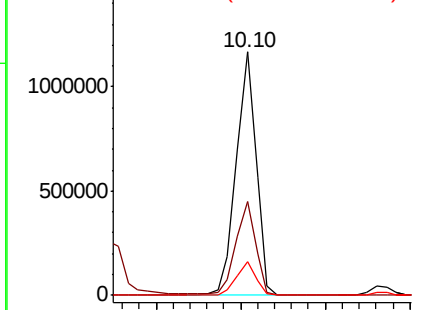
#55
Dibenzenofuran
Concen: 45.283 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 956900
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.2
169 13.9 10.8 16.2

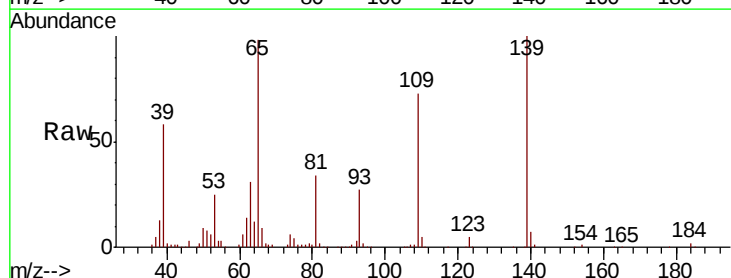


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

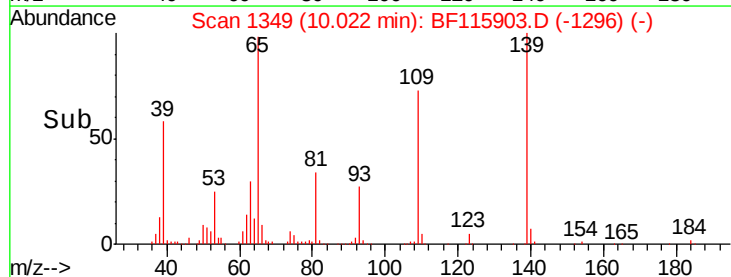
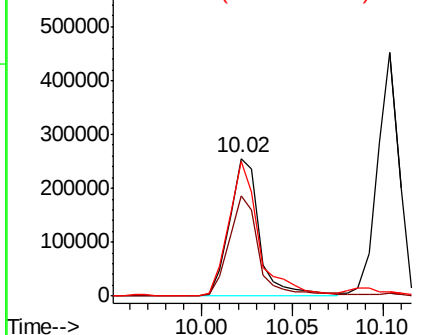


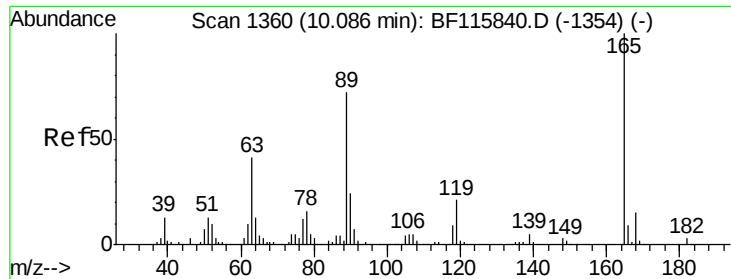
#56
4-Nitrophenol
Concen: 91.124 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:139 Resp: 294885
Ion Ratio Lower Upper
139 100
109 73.0 52.0 92.0
65 98.3 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: 44.434 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 241865

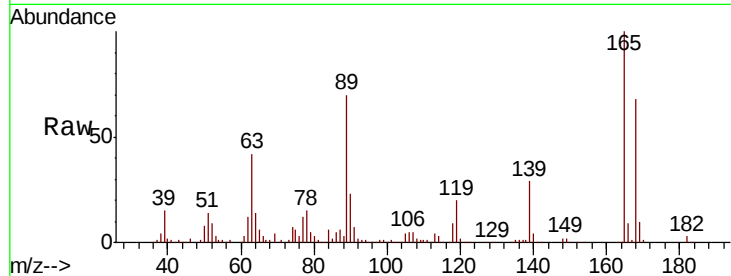
Ion Ratio Lower Upper

165 100

63 41.7 33.2 49.8

89 69.8 57.3 85.9

182 2.7 2.1 3.1

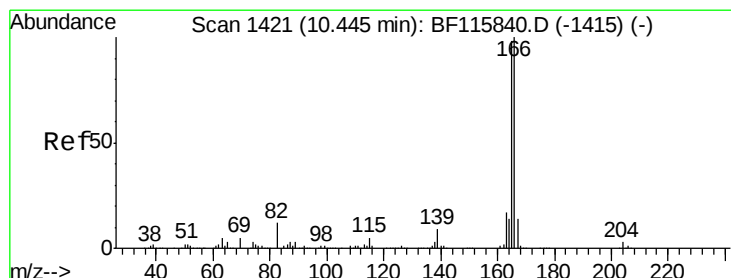
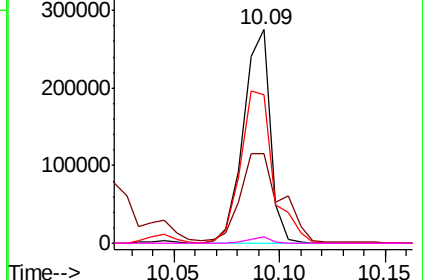
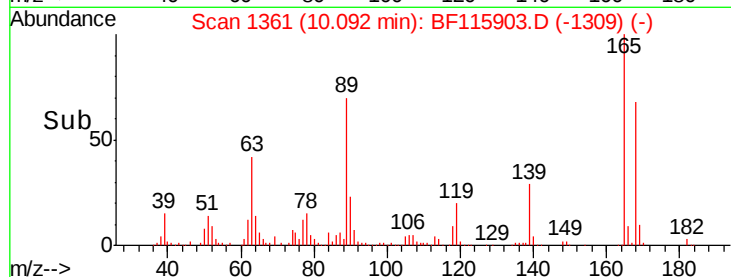


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.095 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

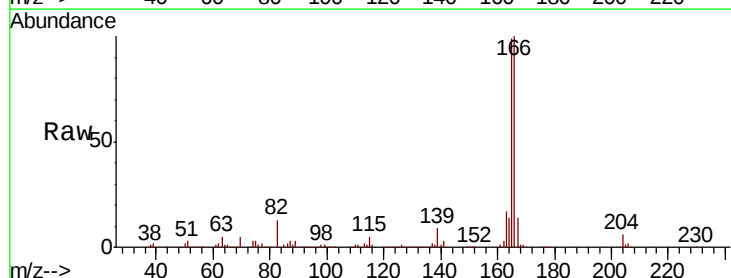
Tgt Ion:166 Resp: 733161

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

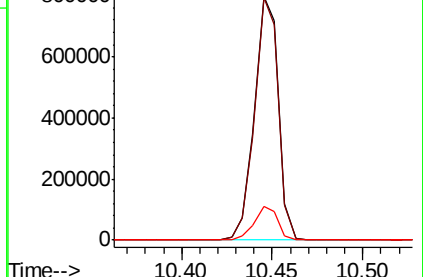
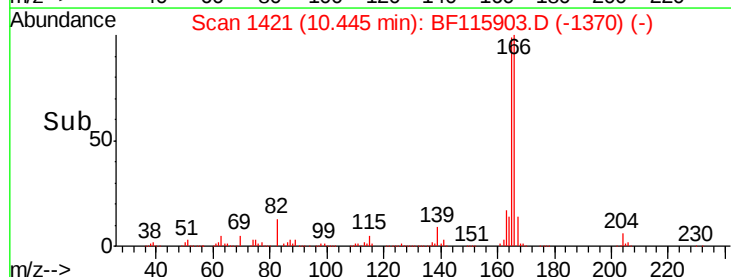
167 13.7 10.9 16.3

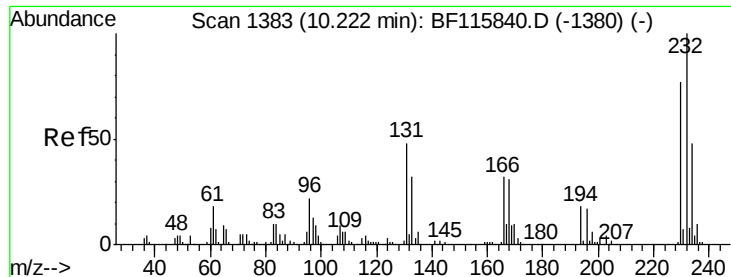


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

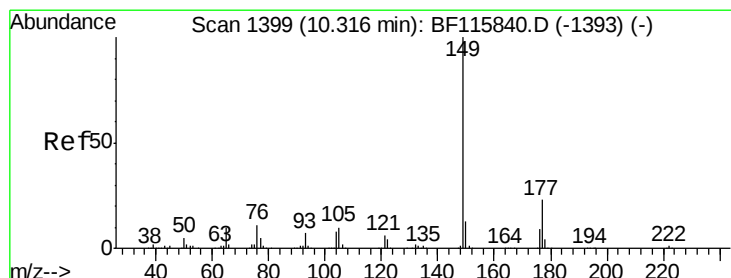
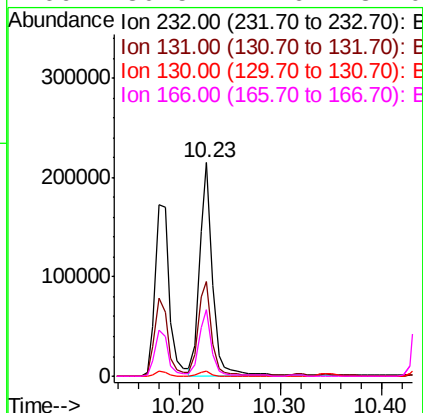
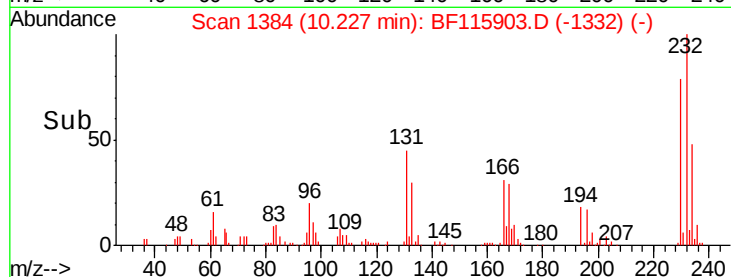
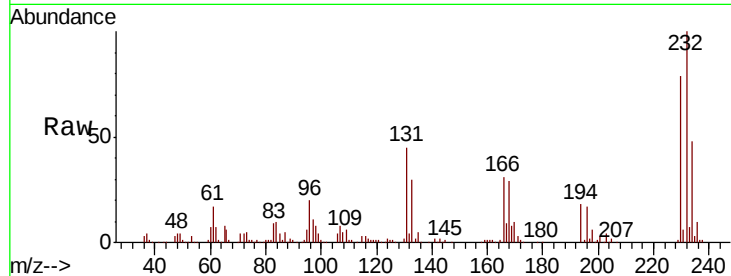




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.187 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

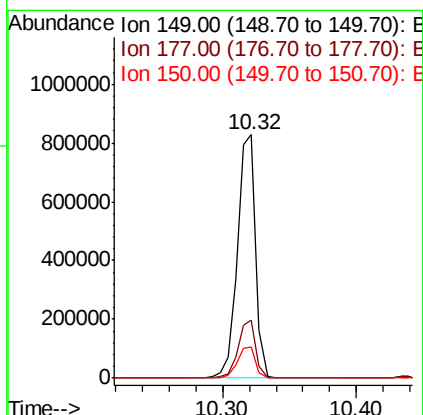
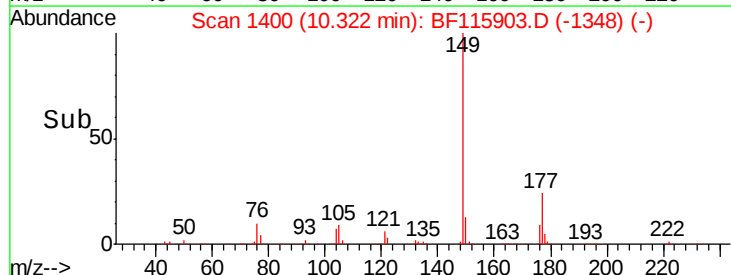
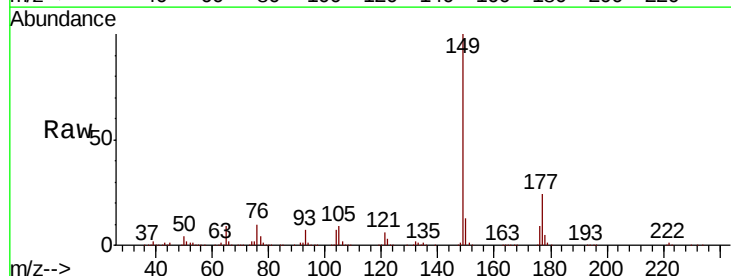
Instrument :
BNA_F
ClientSampleId :

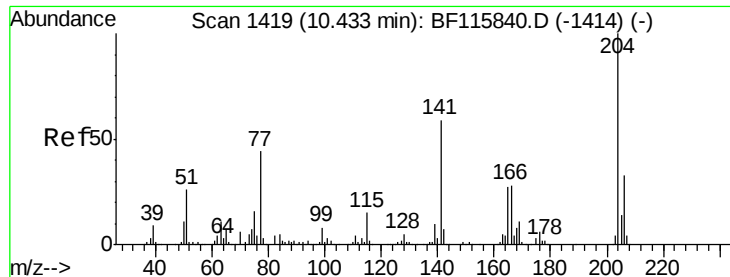
Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	45.9	37.6	56.4
130	130	2.4	1.8	2.8
166	166	30.5	24.6	37.0



#60
Diethylphthalate
Concen: 44.790 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	23.6	18.4	27.6
150	150	12.7	10.1	15.1

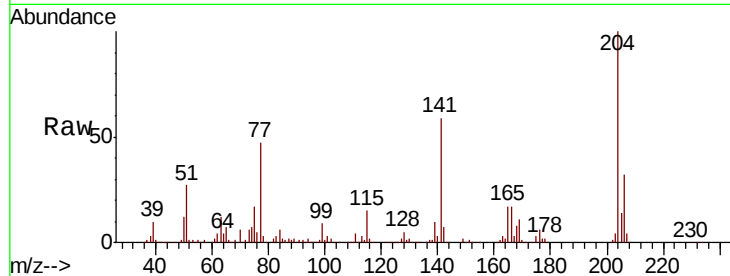




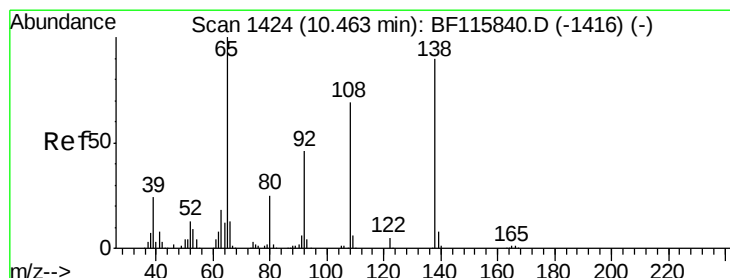
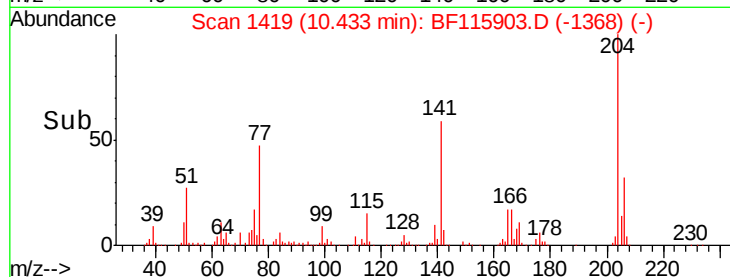
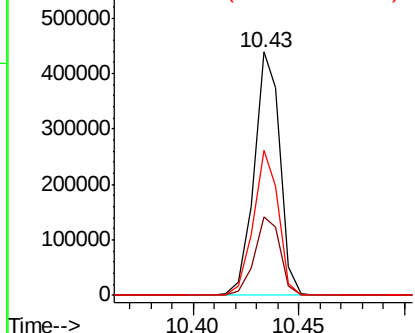
#61
4-Chlorophenyl-phenylether
Concen: 45.169 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 371917
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 59.3 47.0 70.4

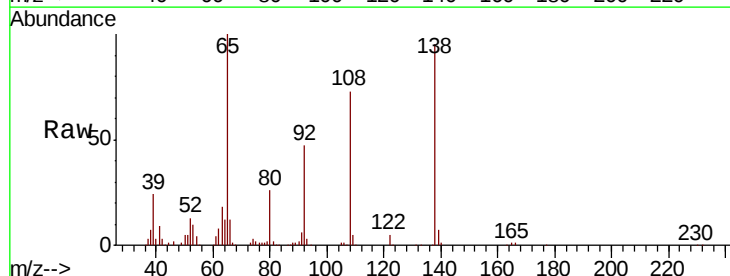


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

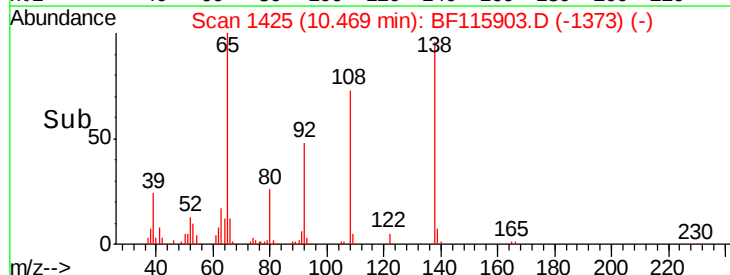
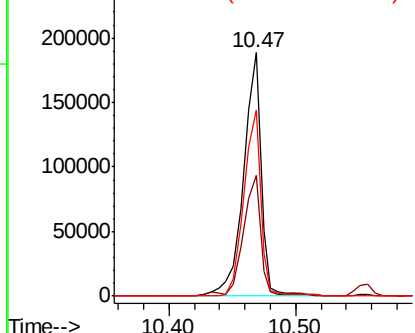


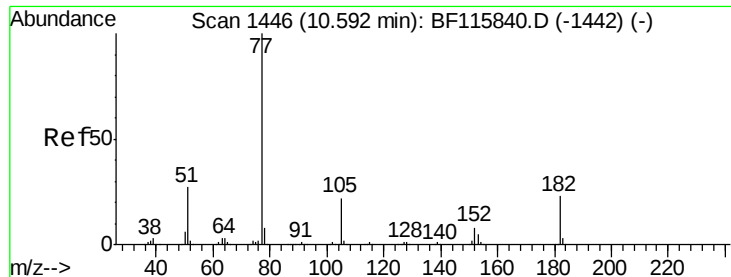
#62
4-Nitroaniline
Concen: 34.820 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:138 Resp: 181779
Ion Ratio Lower Upper
138 100
92 49.7 31.0 71.0
108 76.4 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: 44.781 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 808998

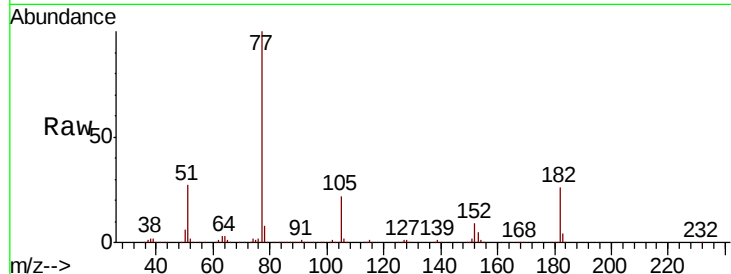
Ion Ratio Lower Upper

77 100

182 25.9 2.6 42.6

105 22.1 1.6 41.6

51 26.5 7.4 47.4

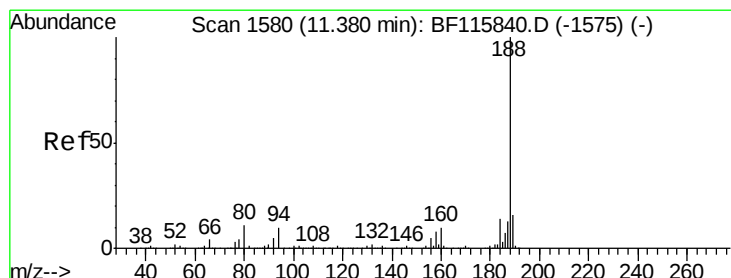
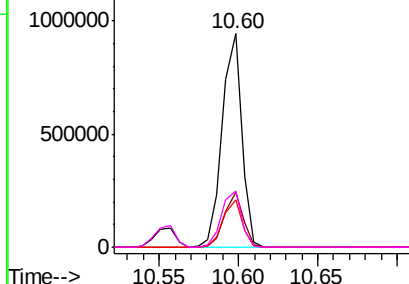
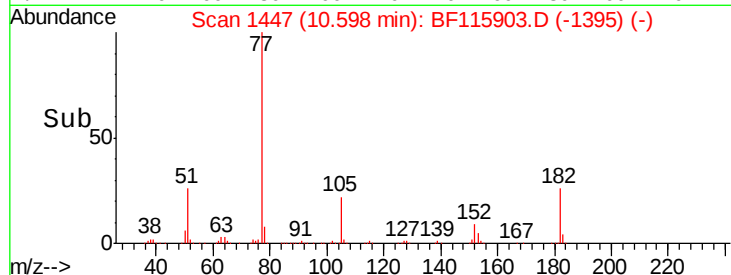


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

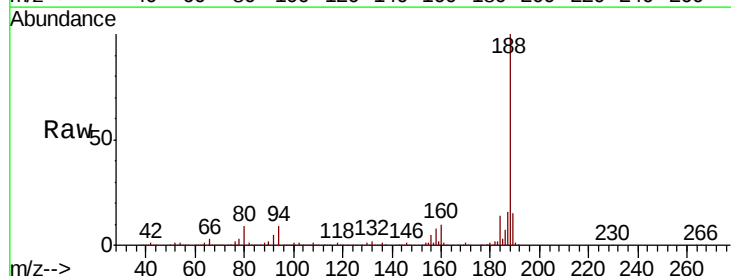
Tgt Ion: 188 Resp: 452856

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

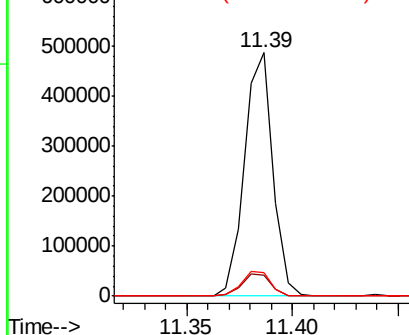
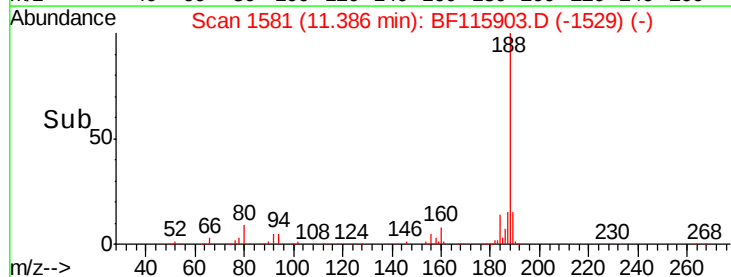
80 9.5 8.6 12.8

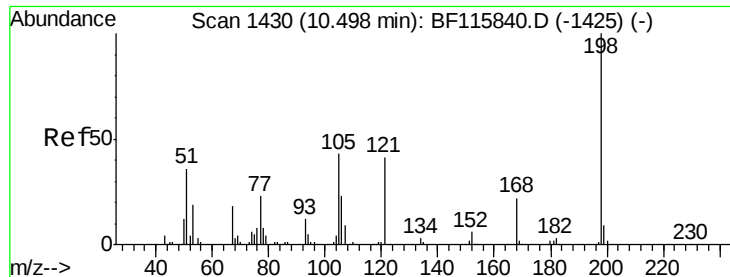


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

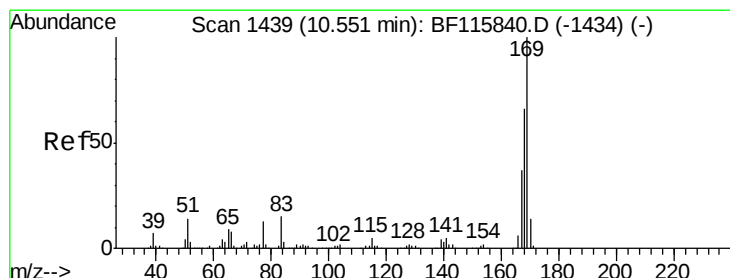
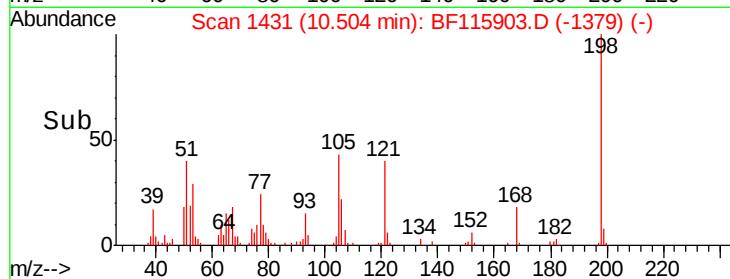
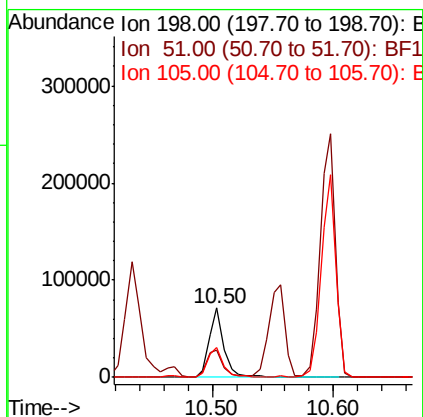
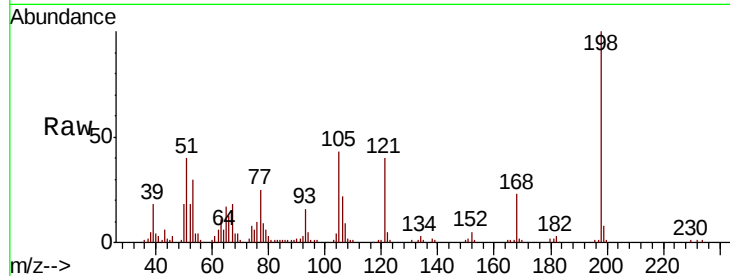




#65
4,6-Dinitro-2-methylphenol
Concen: 25.036 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

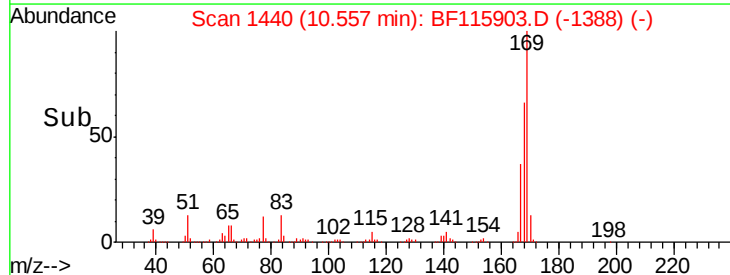
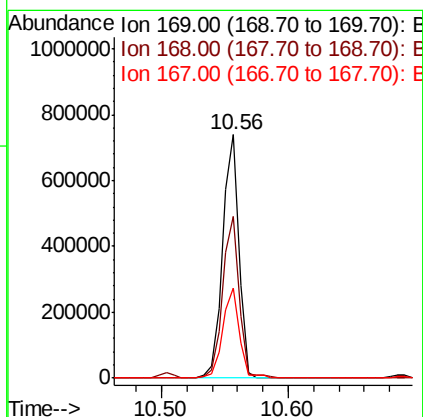
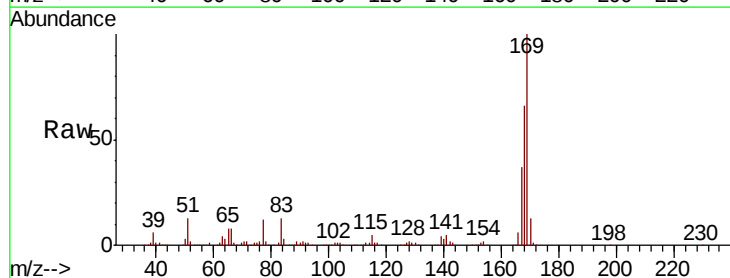
Instrument :
BNA_F
ClientSampleId :

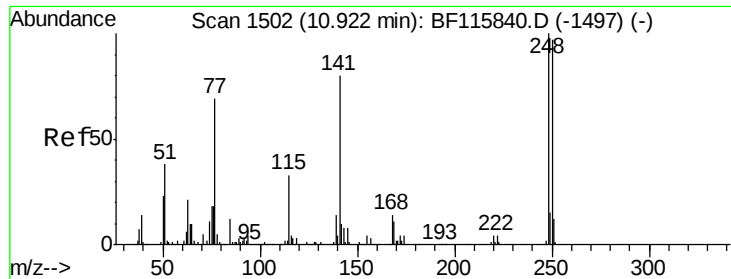
Tot Ion:198 Resp: 60082
Ion Ratio Lower Upper
198 100
51 40.2 21.1 61.1
105 42.8 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 48.524 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:169 Resp: 661406
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 37.0 29.9 44.9

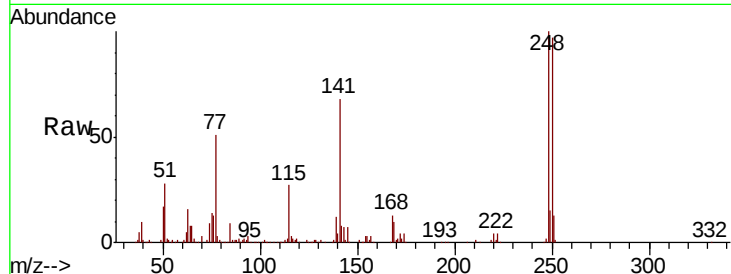




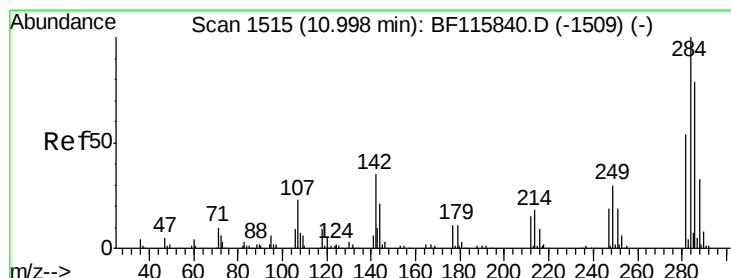
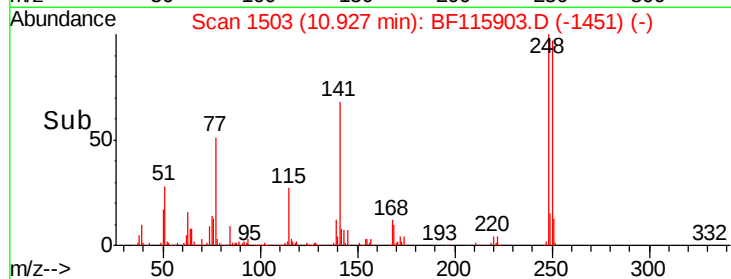
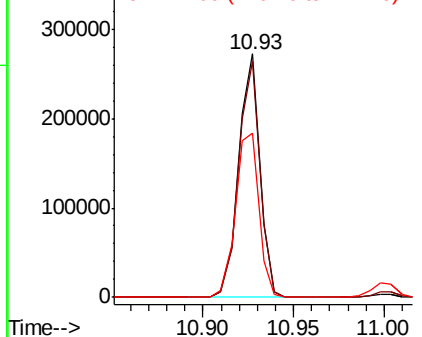
#67
4-Bromophenyl-phenylether
Concen: 45.992 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 222959
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 67.6 64.3 96.5

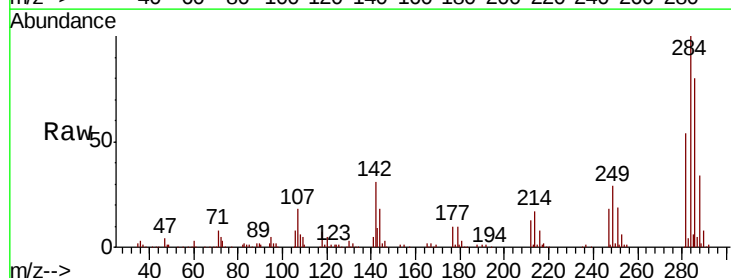


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

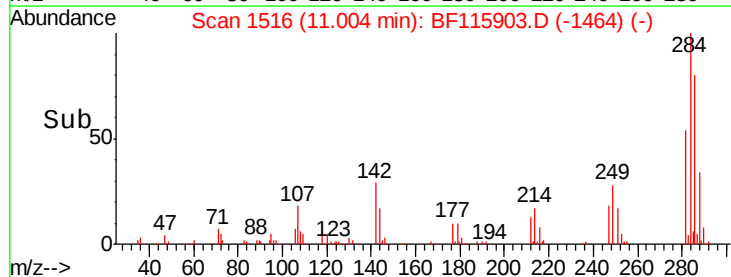
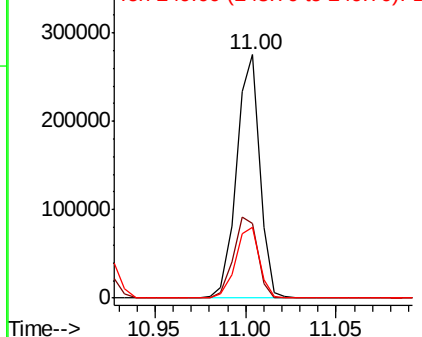


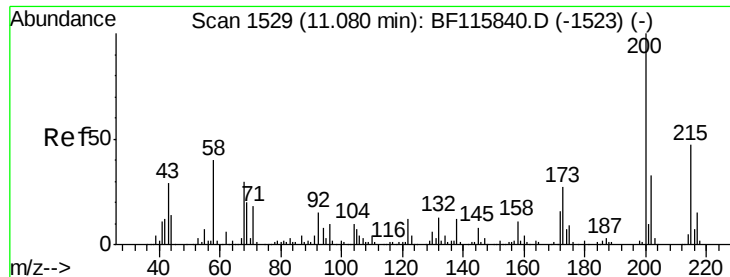
#68
Hexachlorobenzene
Concen: 43.598 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:284 Resp: 244398
Ion Ratio Lower Upper
284 100
142 30.6 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

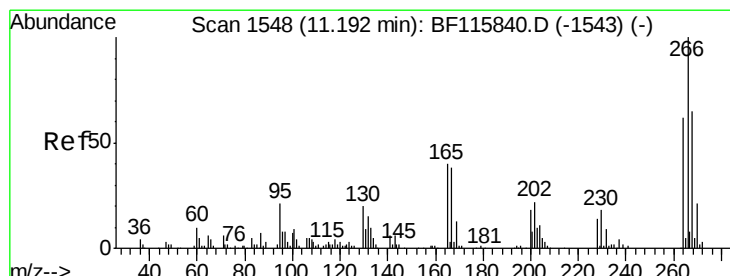
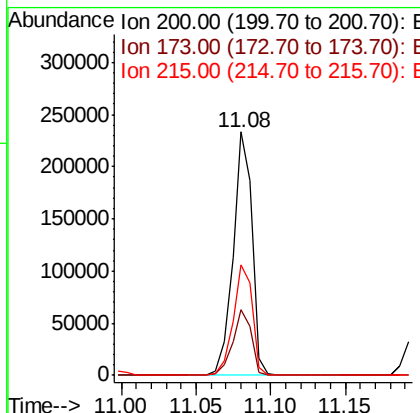
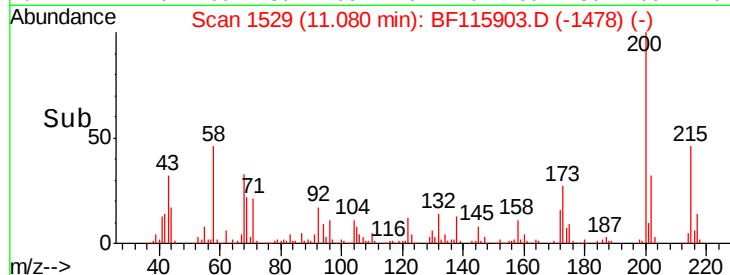
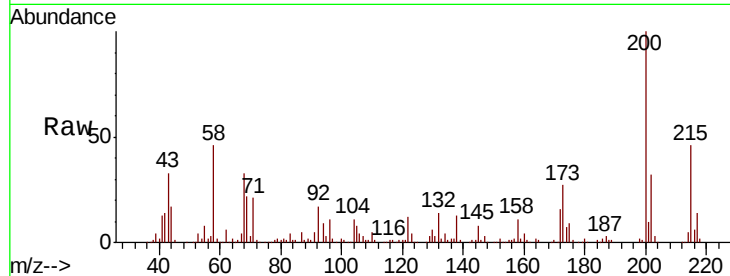




#69
 Atrazine
 Concen: 46.412 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

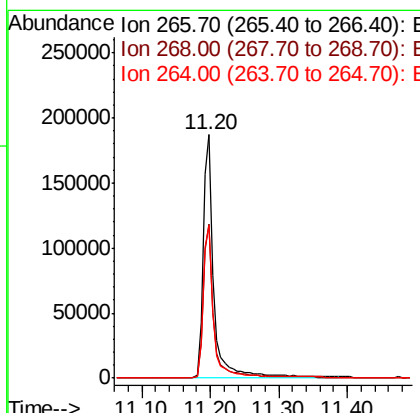
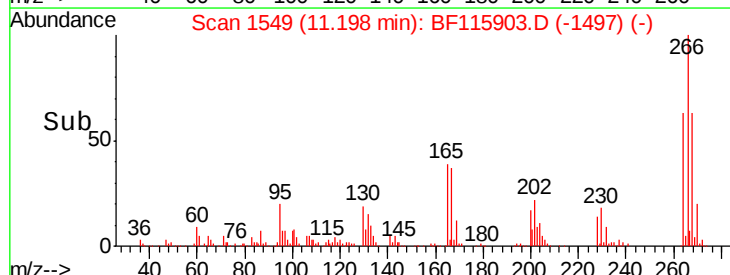
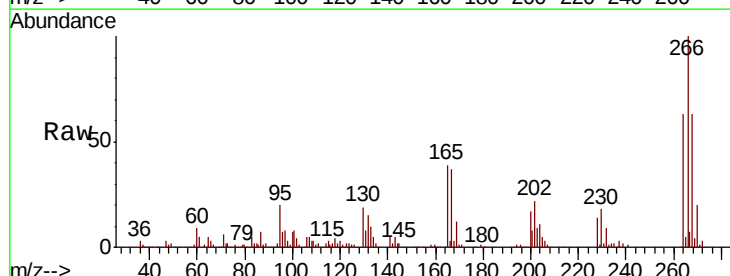
Instrument :
 BNA_F
 ClientSampleId :

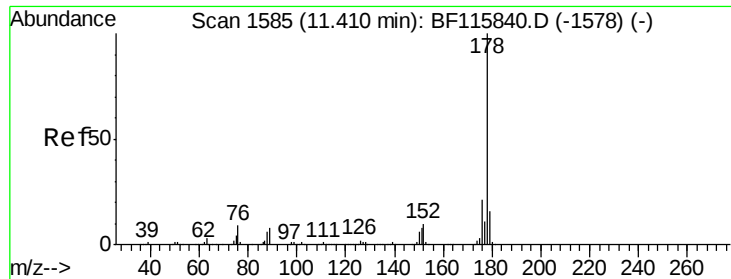
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	45.6	26.9	66.9



#70
 Pentachlorophenol
 Concen: 78.028 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.6	77.4
264	62.9	49.4	74.0

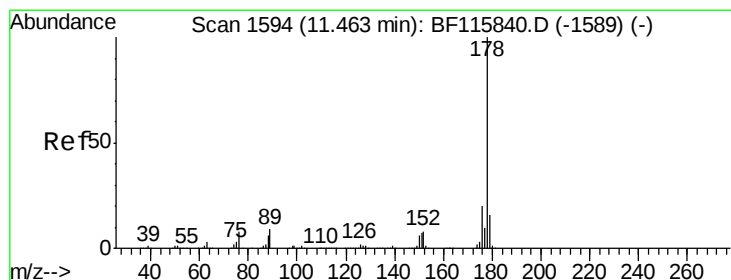
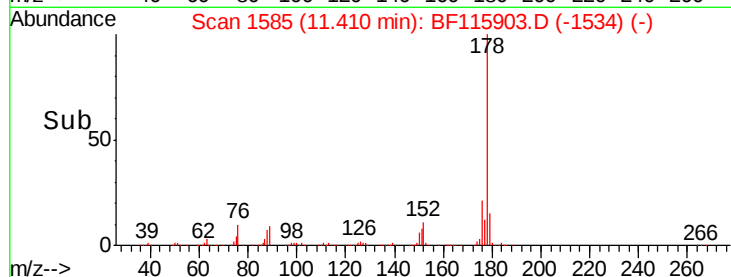
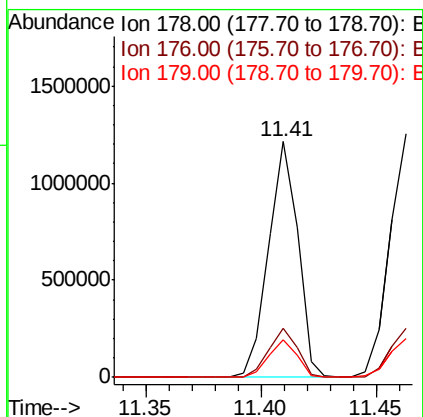
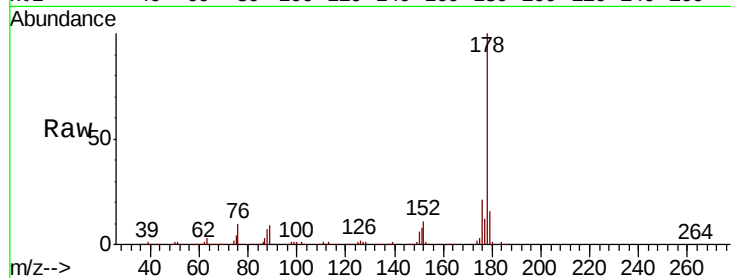




#71
Phenanthrene
Concen: 46.247 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

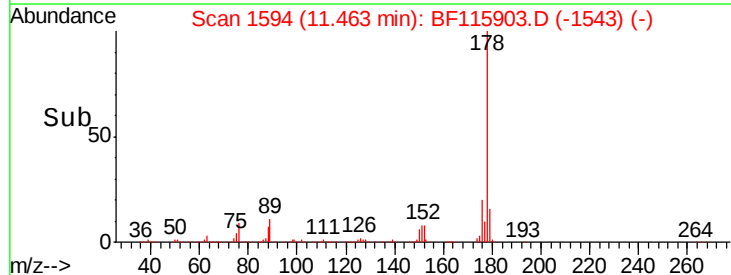
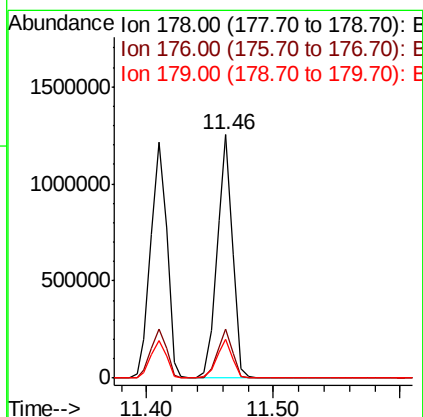
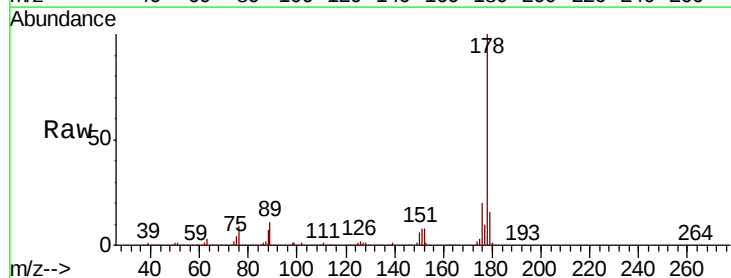
Instrument :
BNA_F
ClientSampleId :

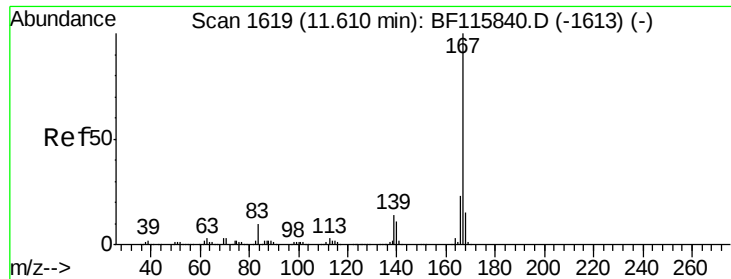
Tot Ion:178 Resp: 1070660
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.0 12.6 18.8



#72
Anthracene
Concen: 45.897 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:178 Resp: 1075368
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.0 12.4 18.6

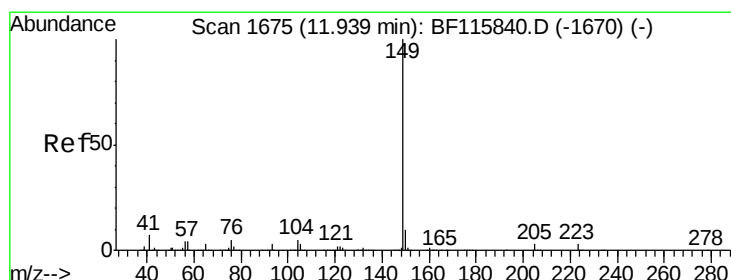
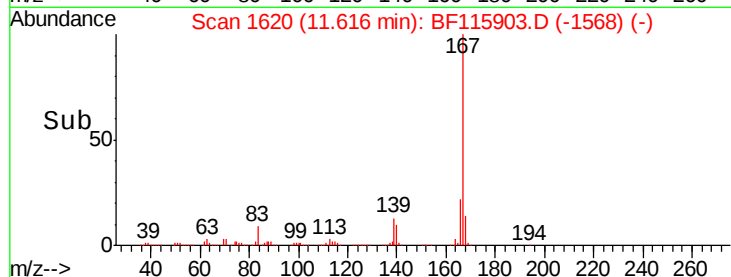
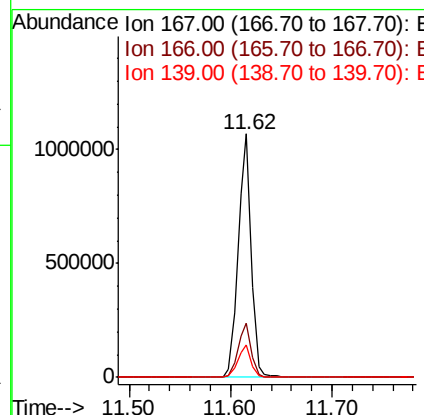
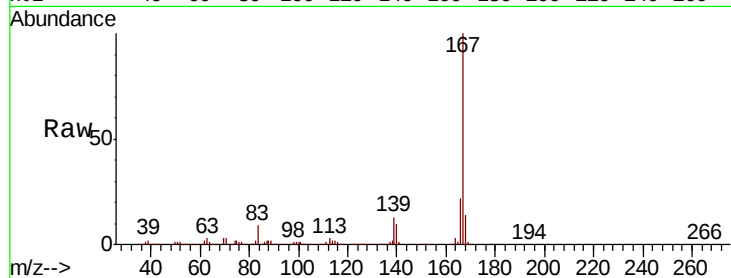




#73
 Carbazole
 Concen: 44.647 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

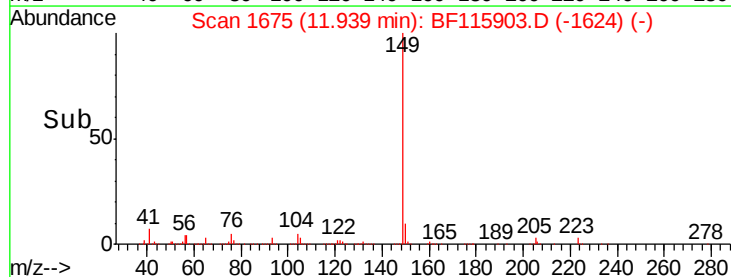
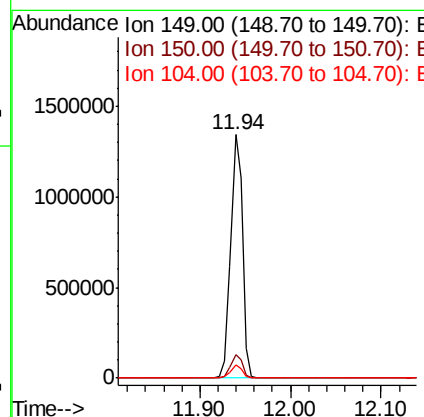
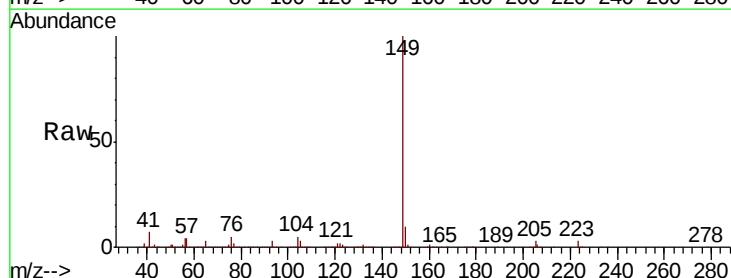
Instrument :
 BNA_F
 ClientSampleId :

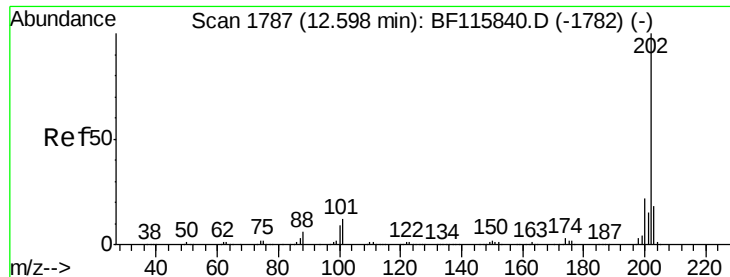
Tot Ion:167 Resp: 949048
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.5 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 47.737 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:149 Resp: 1183723
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 41.961 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

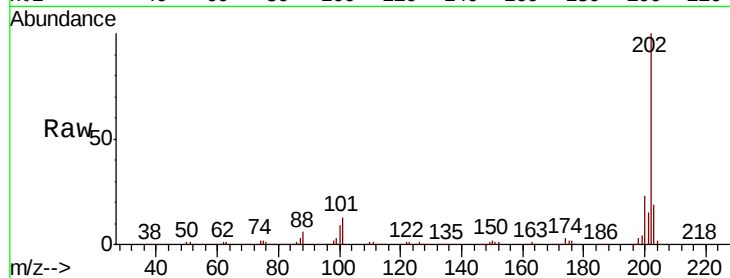
Tot Ion:202 Resp: 1016996

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

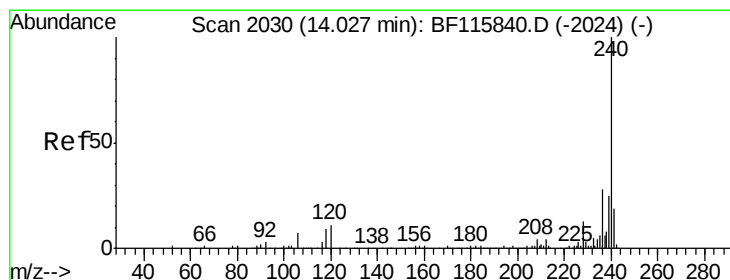
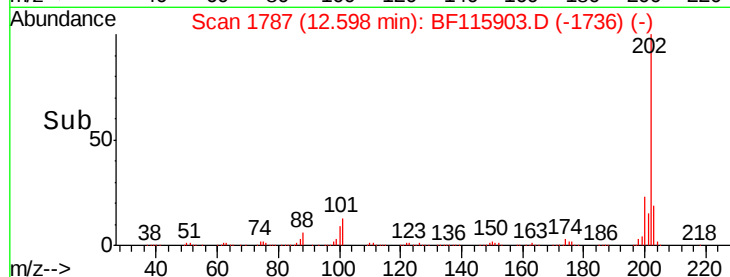
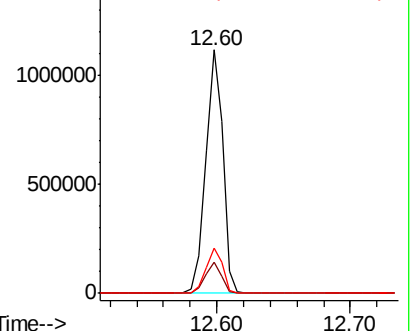
203 18.6 0.0 37.9



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: BF115903.D

Acq: 1 Aug 2019 13:12

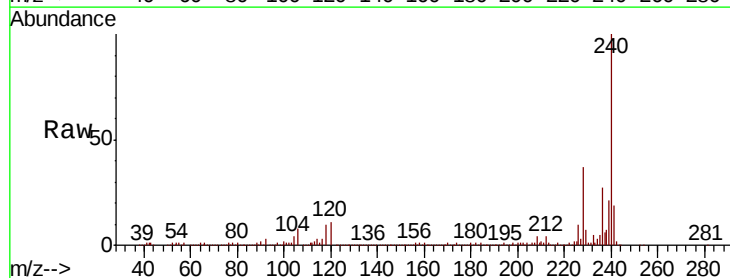
Tgt Ion:240 Resp: 284145

Ion Ratio Lower Upper

240 100

120 11.2 8.5 12.7

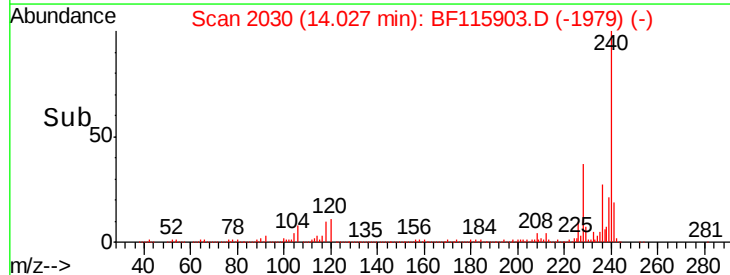
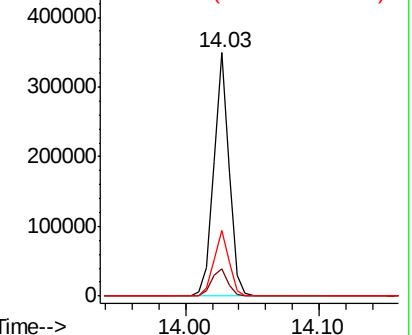
236 27.0 22.2 33.2

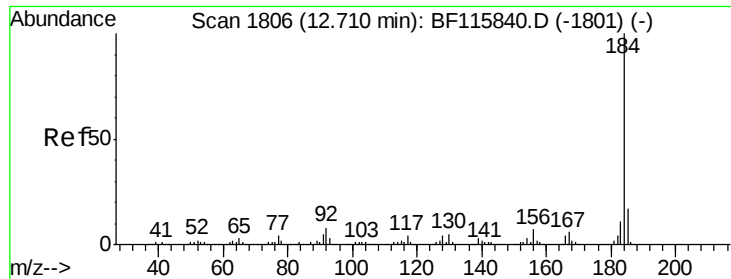


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.242 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

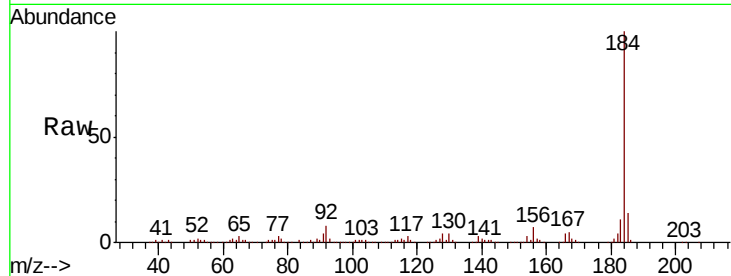
Tot Ion:184 Resp: 424707

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	11.3	9.1	13.7

184 100

185 14.3 13.4 20.2

183 11.3 9.1 13.7

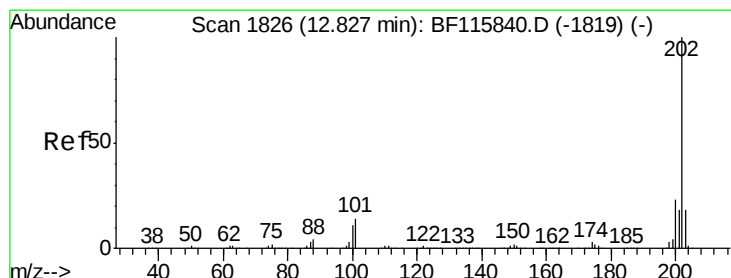
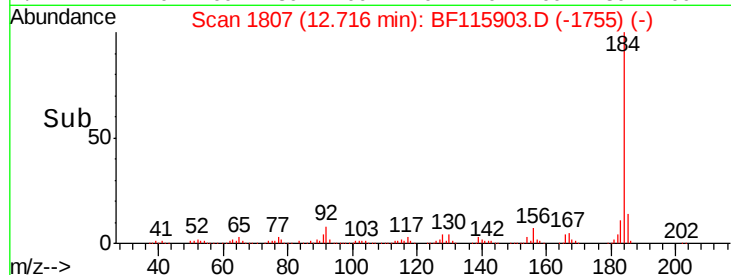
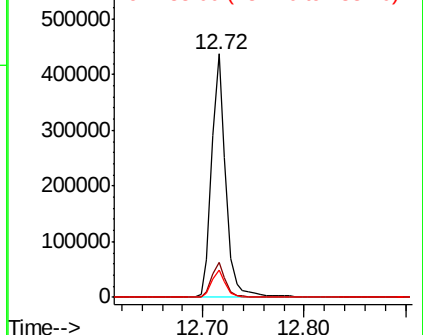


Abundance

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: 47.263 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

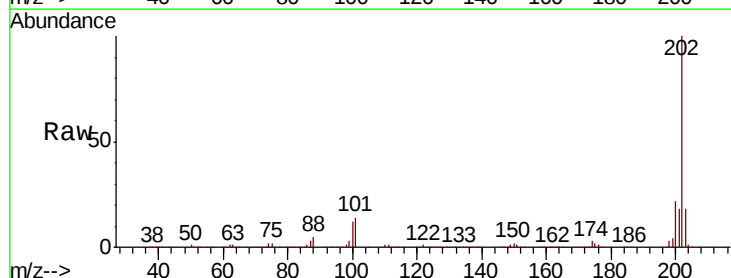
Tgt Ion:202 Resp: 1012328

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.2
203	17.9	14.3	21.5

202 100

200 22.4 18.2 27.2

203 17.9 14.3 21.5

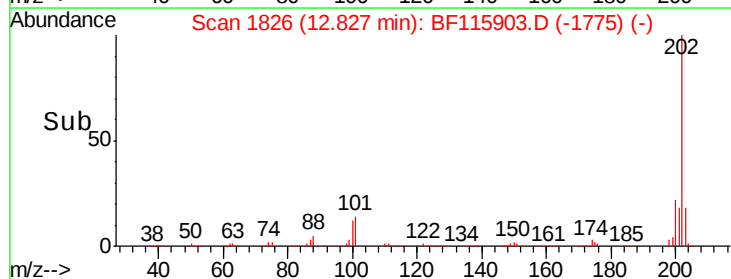
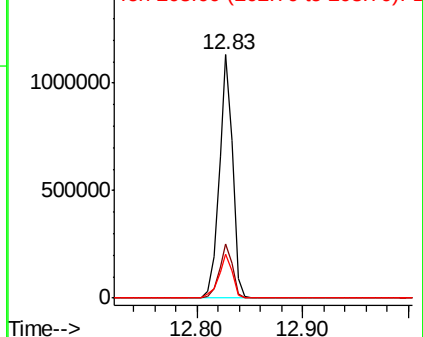


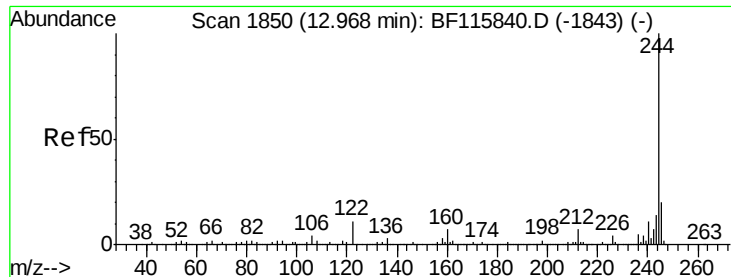
Abundance

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

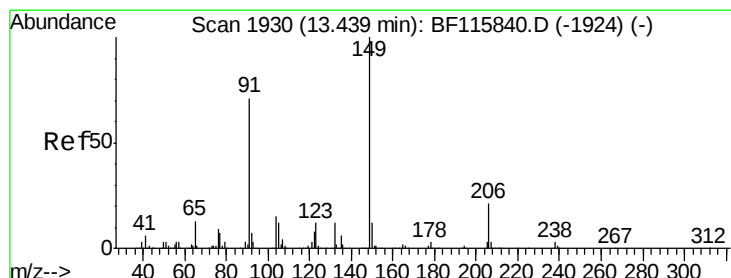
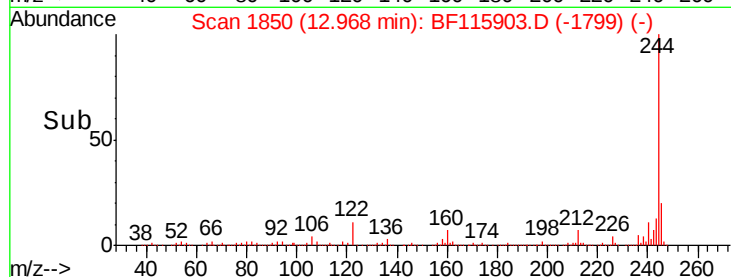
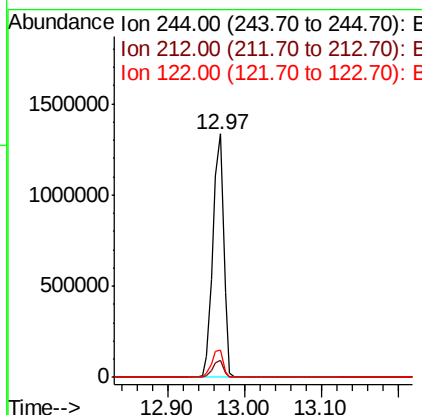
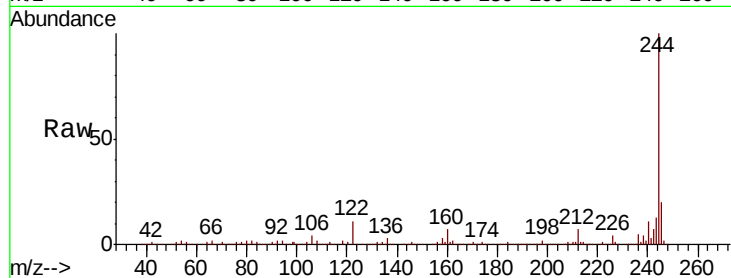




#79
 Terphenyl-d14
 Concen: 94.450 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

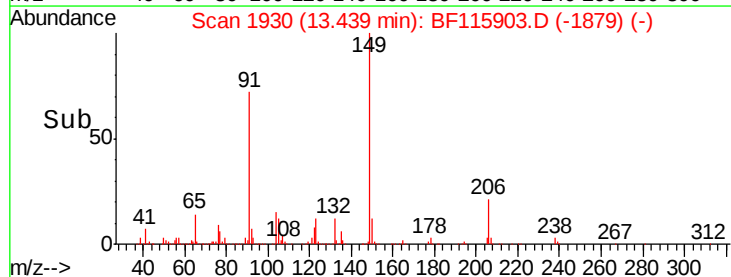
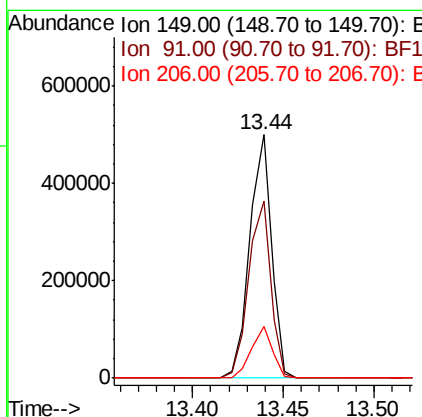
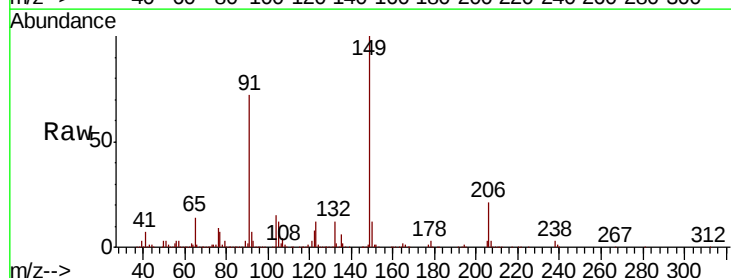
Instrument :
 BNA_F
 ClientSampleId :

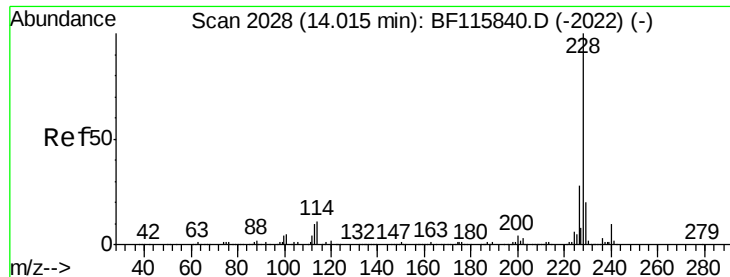
Tot Ion:244 Resp: 1273632
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 46.466 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:149 Resp: 421000
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.0 85.6
 206 21.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 45.113 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

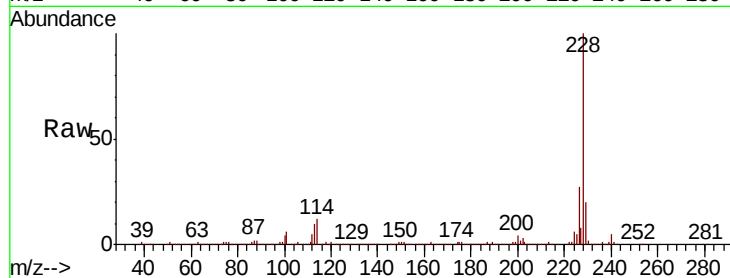
Tot Ion:228 Resp: 819318

Ion Ratio Lower Upper

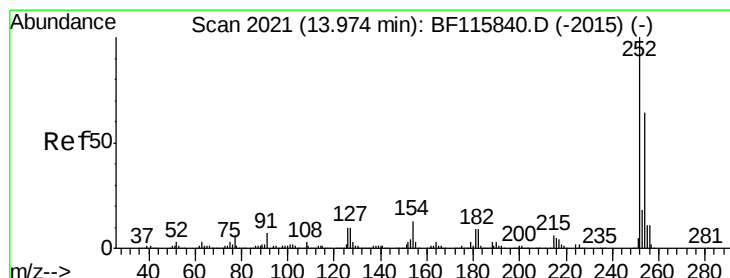
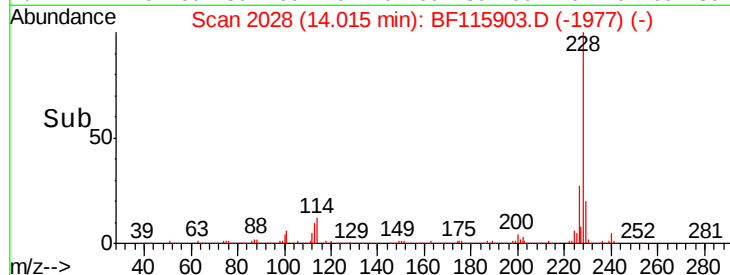
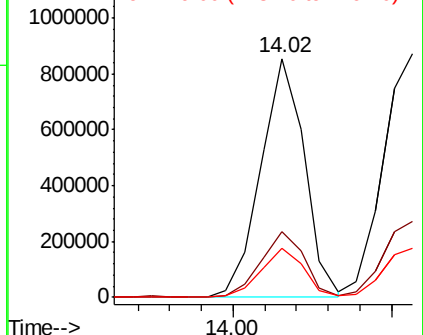
228 100

226 27.4 22.5 33.7

229 20.4 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 42.195 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

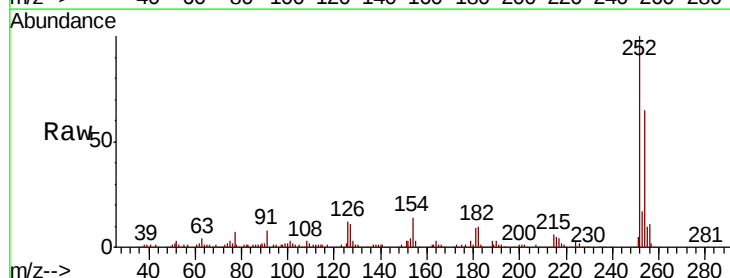
Tgt Ion:252 Resp: 266236

Ion Ratio Lower Upper

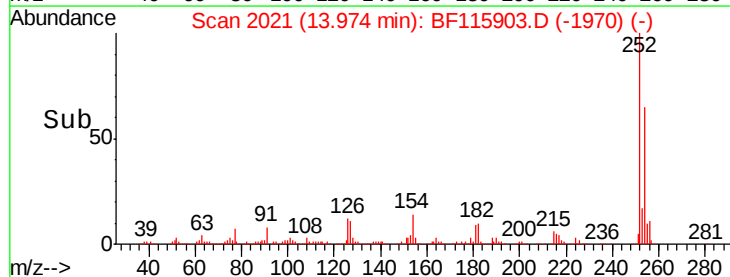
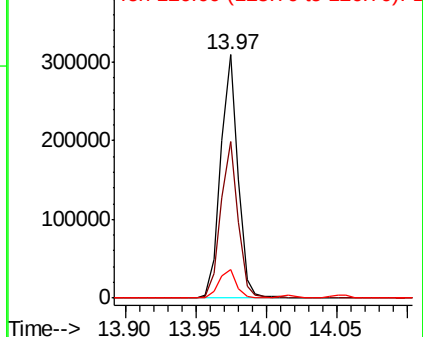
252 100

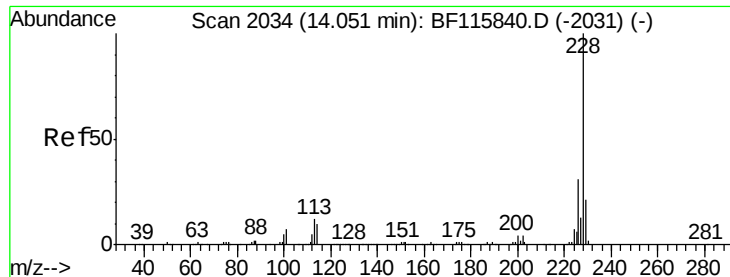
254 64.5 51.2 76.8

126 11.5 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.270 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

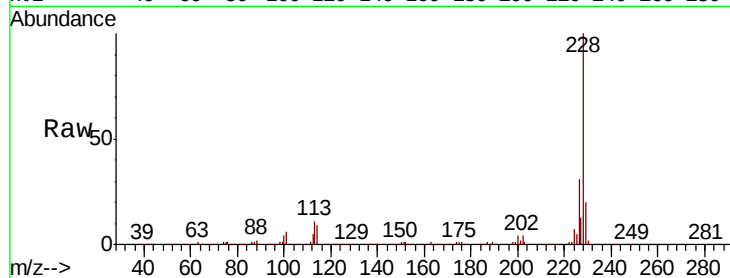
Tot Ion:228 Resp: 798206

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

229 20.1 16.4 24.6

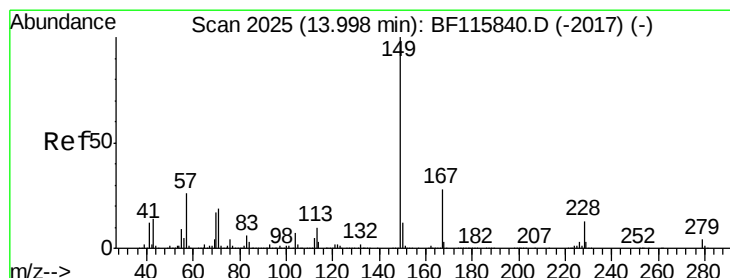
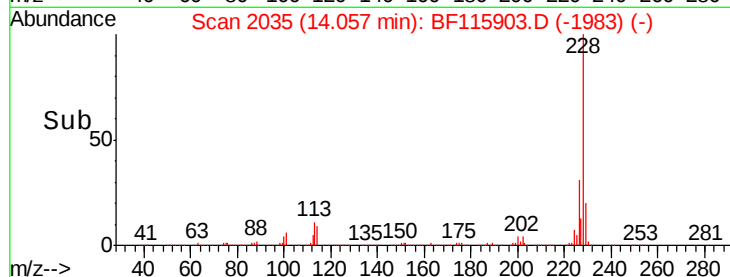
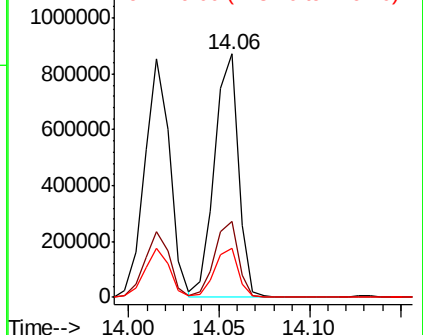


Abundance

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: 48.455 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

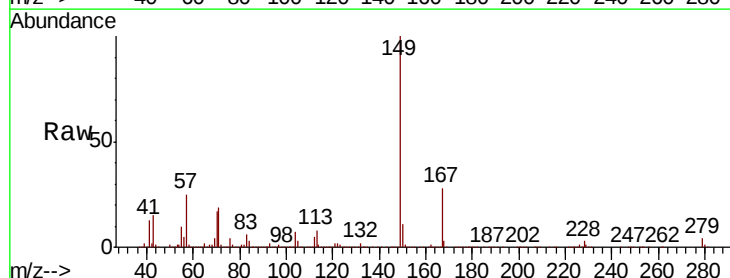
Tgt Ion:149 Resp: 570504

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 4.0 3.3 4.9

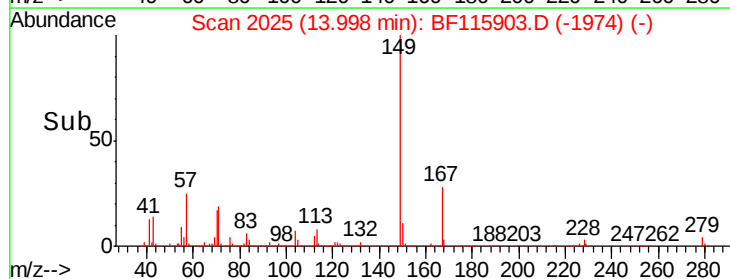
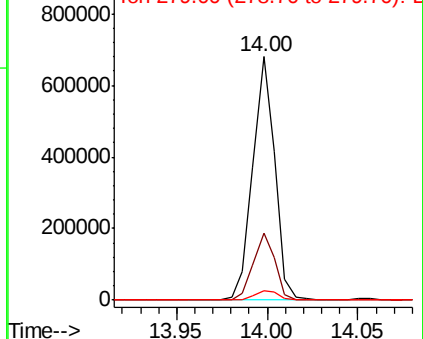


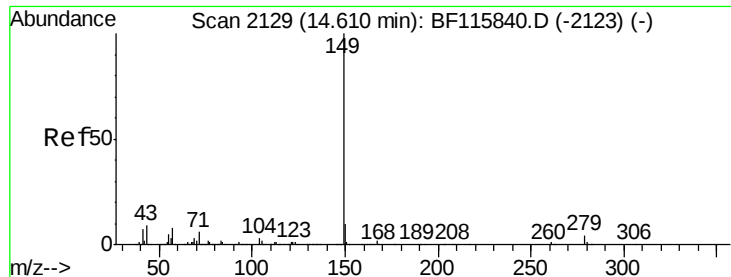
Abundance

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

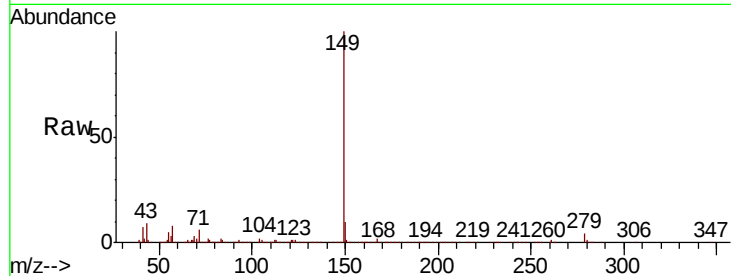




#85
Di-n-octyl phthalate
Concen: 50.089 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.0	7.4	11.0

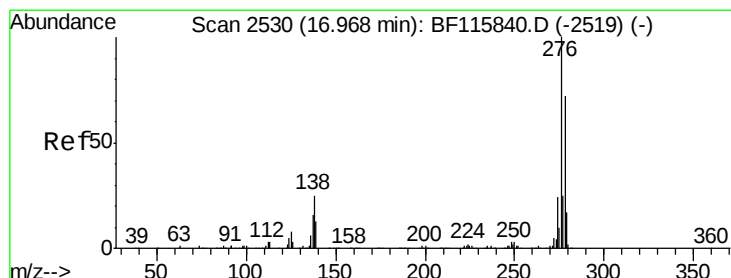
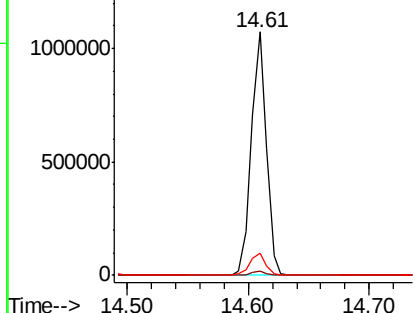
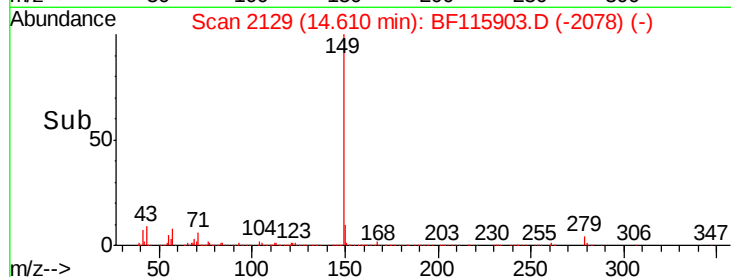


Abundance

Ion 149.00 (148.70 to 149.70): E

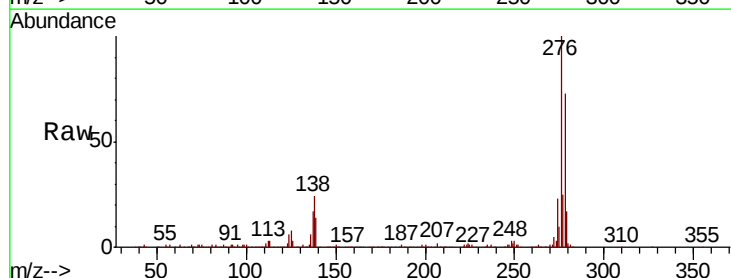
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 55.852 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	25.4	20.1	30.1

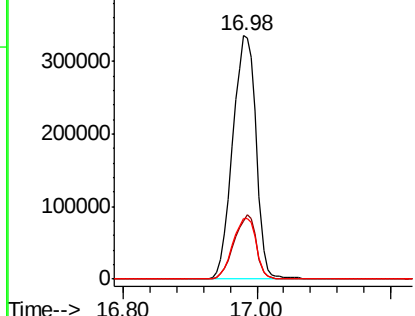
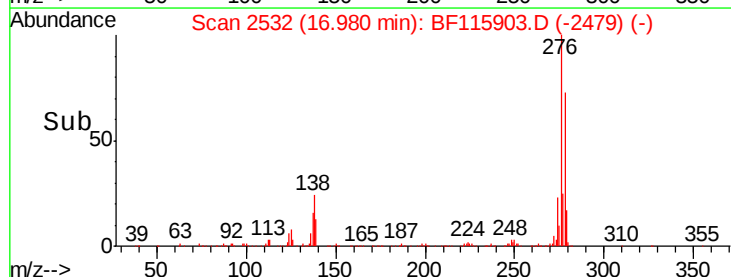


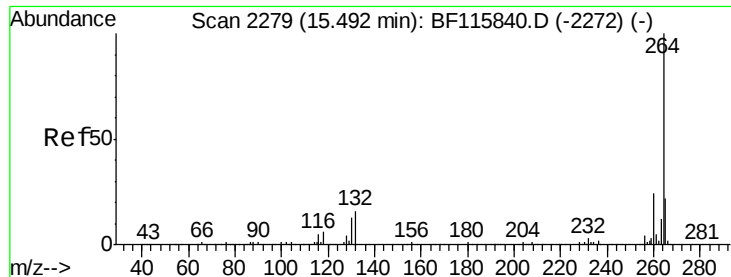
Abundance

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



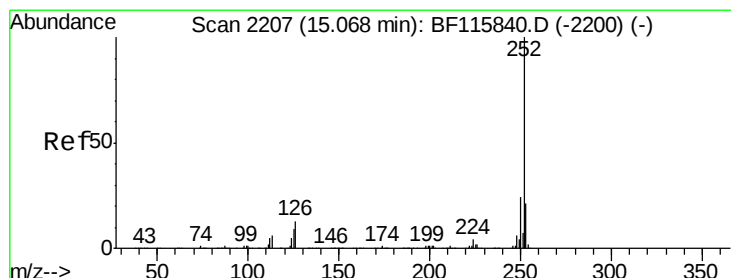
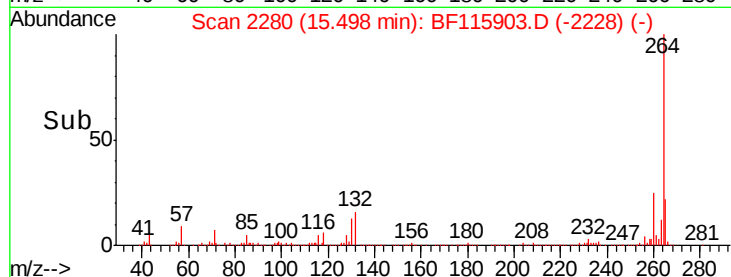
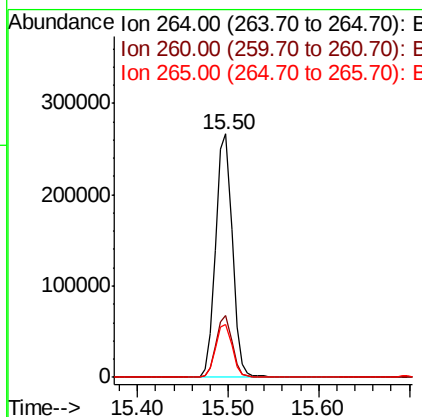
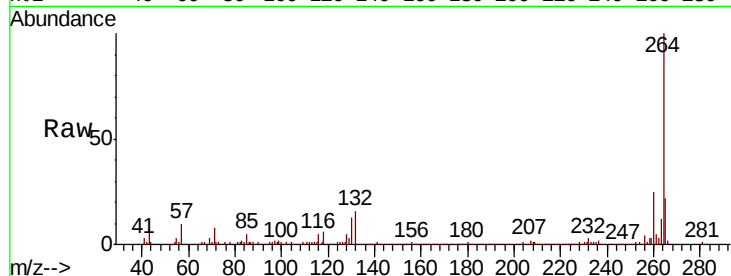


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 339154

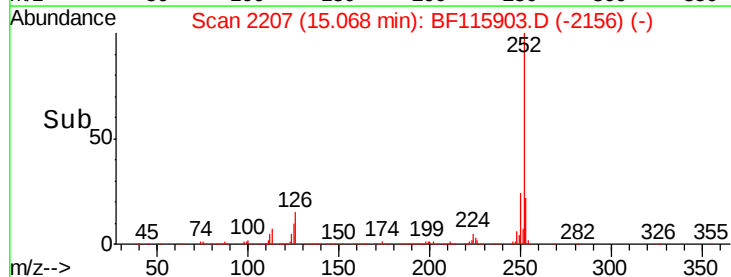
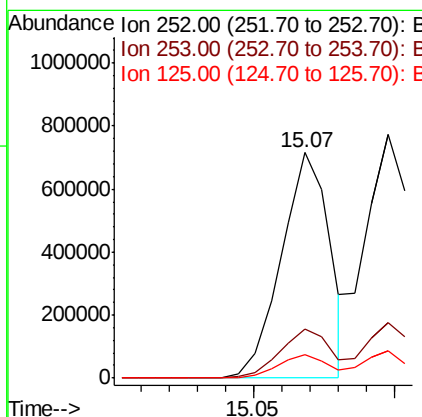
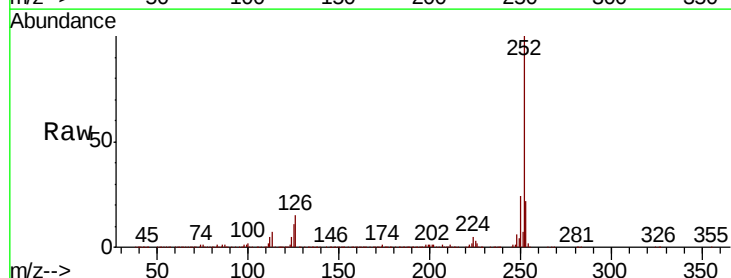
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.8	17.5	26.3

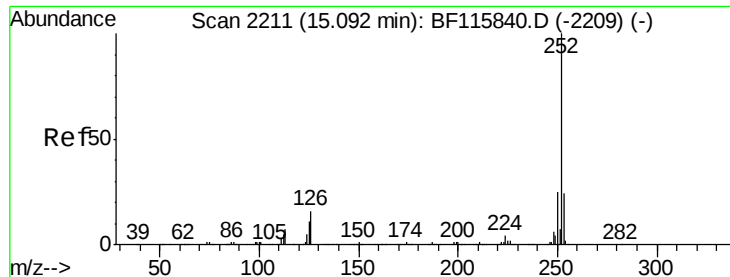


#88
Benzo(b)fluoranthene
Concen: 43.427 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:252 Resp: 851620

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.5	7.4	11.0

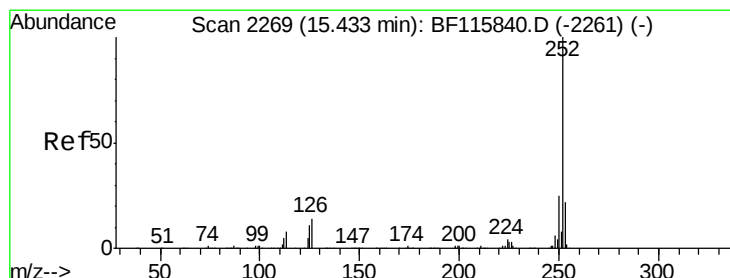
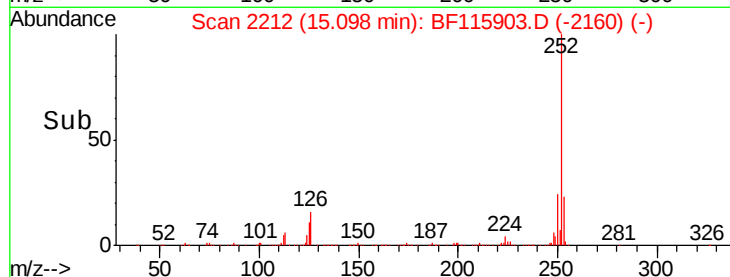
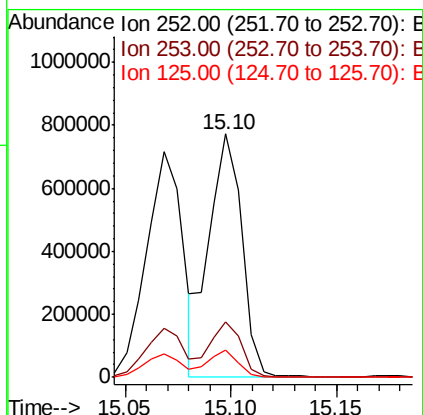
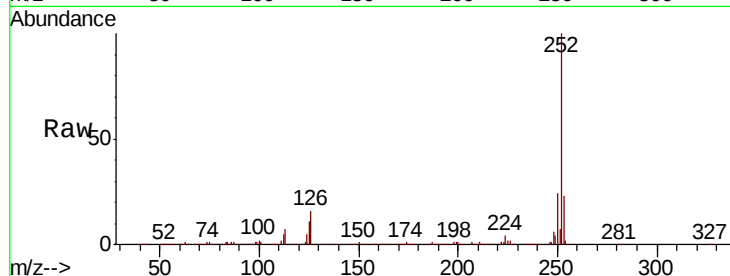




#89
Benzo(k)fluoranthene
Concen: 43.474 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

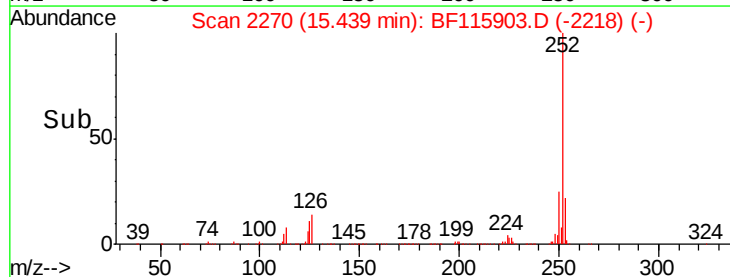
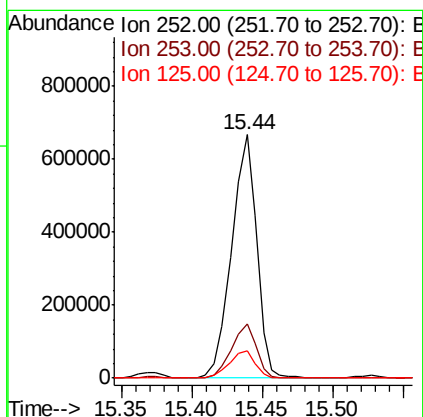
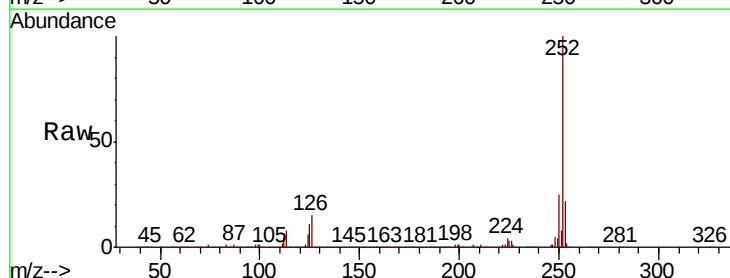
Instrument :
BNA_F
ClientSampled :

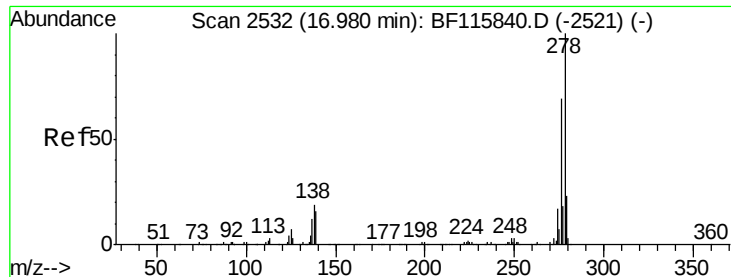
Tot Ion:252 Resp: 830374
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 46.996 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:252 Resp: 823850
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.4 8.8 13.2

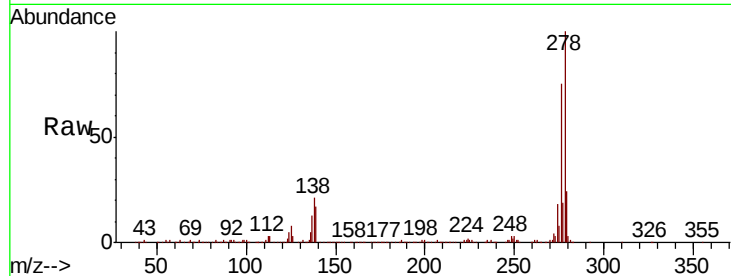




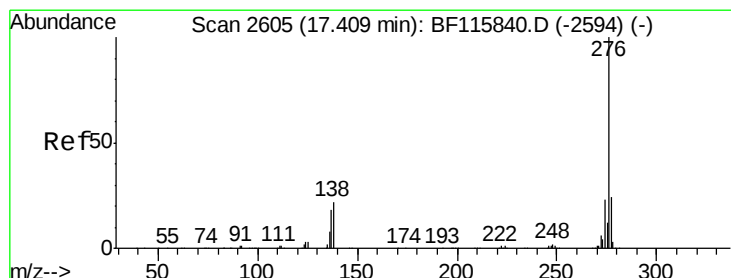
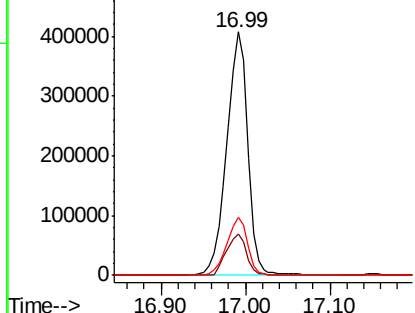
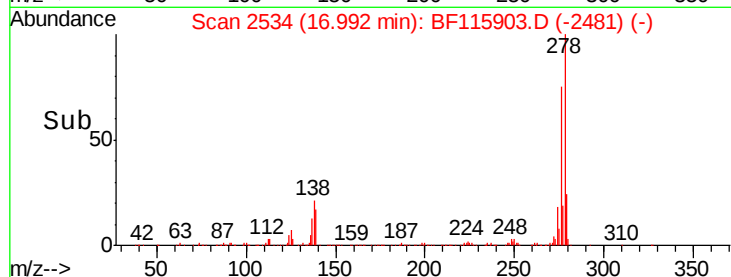
#91
Dibenzo(a,h)anthracene
Concen: 45.797 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 694933
Ion Ratio Lower Upper
278 100
139 17.0 12.6 19.0
279 24.0 18.8 28.2

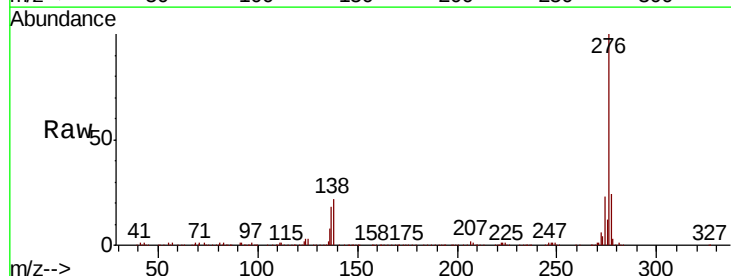


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.646 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:276 Resp: 650429
Ion Ratio Lower Upper
276 100
277 23.9 19.5 29.3
138 21.5 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

