

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116660.D
 Acq On : 30 Aug 2019 19:12
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 19:37:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 19:30:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123489	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	512591	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	257537	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	395773	20.00	ng	0.00
76) Chrysene-d12	14.00	240	209447	20.00	ng	0.00
87) Perylene-d12	15.45	264	199964	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1348873	173.63	ng	0.01
7) Phenol-d6	6.50	99	1789988	175.73	ng	0.02
23) Nitrobenzene-d5	7.43	82	1741844	193.02	ng	0.02
42) 2,4,6-Tribromophenol	10.68	330	317612	182.12	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2515096	160.04	ng	0.00
79) Terphenyl-d14	12.96	244	2120189	185.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	331570	93.332	ng	99
3) Pyridine	3.36	79	985100	96.161	ng	95
4) n-Nitrosodimethylamine	3.33	42	340099	96.763	ng	87
6) Aniline	6.53	93	1236457	87.612	ng	99
8) 2-Chlorophenol	6.65	128	734567	86.587	ng	94
9) Benzaldehyde	6.40	77	441599	69.945	ng	99
10) Phenol	6.51	94	970724	85.808	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	779873	88.939	ng	99
12) 1,3-Dichlorobenzene	6.80	146	832864	86.903	ng	99
13) 1,4-Dichlorobenzene	6.87	146	819204	85.708	ng	98
14) 1,2-Dichlorobenzene	7.03	146	745921	84.002	ng	97
15) Benzyl Alcohol	7.00	79	730204	88.382	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	916821	89.144	ng	98
17) 2-Methylphenol	7.10	107	668049	90.462	ng	97
18) Hexachloroethane	7.37	117	330120	89.373	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	612270	91.818	ng	91
20) 3+4-Methylphenols	7.27	107	720730	83.035	ng	# 81
22) Acetophenone	7.27	105	1075900	85.360	ng	95
24) Nitrobenzene	7.45	77	866996	94.145	ng	96
25) Isophorone	7.69	82	1707205	92.875	ng	99
26) 2-Nitrophenol	7.75	139	362789	108.090	ng	96
27) 2,4-Dimethylphenol	7.79	122	621657	89.273	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1005615	89.026	ng	99
29) 2,4-Dichlorophenol	8.00	162	606730	90.874	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	631582	86.686	ng	95
31) Naphthalene	8.16	128	2099663	84.198	ng	98
32) Benzoic acid	7.96	122	458871	122.297	ng	97
33) 4-Chloroaniline	8.20	127	978303	86.470	ng	99
34) Hexachlorobutadiene	8.28	225	341579	85.883	ng	98
35) Caprolactam	8.61	113	181027	72.517	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	699296	91.168	ng	99
37) 2-Methylnaphthalene	8.85	142	1388308	83.600	ng	98
38) 1-Methylnaphthalene	8.95	142	1312156	83.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	514837	81.147	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	330914	91.723	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	392072	91.523	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	400970	89.953	nq #	91
46) 1,1'-Biphenyl	9.32	154	1645323	82.032	nq	99
47) 2-Chloronaphthalene	9.34	162	1329035	83.889	nq	98
48) 2-Nitroaniline	9.43	65	462695	103.990	nq	95
49) Acenaphthylene	9.76	152	1972775	82.169	nq	99
50) Dimethylphthalate	9.62	163	1571953	86.735	nq	99
51) 2,6-Dinitrotoluene	9.68	165	337263	99.322	nq	92
52) Acenaphthene	9.93	154	1250947	85.173	nq	99
53) 3-Nitroaniline	9.85	138	414112	96.989	nq	94
54) 2,4-Dinitrophenol	9.95	184	125894	132.119	nq	89
55) Dibenzofuran	10.10	168	1709121	82.188	nq	94
56) 4-Nitrophenol	10.00	139	289810	99.323	nq	91
57) 2,4-Dinitrotoluene	10.08	165	426176	103.214	nq	92
58) Fluorene	10.44	166	1298773	81.934	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291261	90.624	nq #	94
60) Diethylphthalate	10.32	149	1534159	84.193	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	557071	80.032	nq	96
62) 4-Nitroaniline	10.47	138	417778	101.475	nq	96
63) Azobenzene	10.59	77	1623482	85.623	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	161085	124.784	nq	75
66) n-Nitrosodiphenylamine	10.55	169	1208989	86.616	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	351845	85.728	nq	100
68) Hexachlorobenzene	10.99	284	371039	86.505	nq	98
69) Atrazine	11.07	200	318352	80.738	nq	97
70) Pentachlorophenol	11.17	266	202578	99.478	nq	98
71) Phenanthrene	11.40	178	1874160	83.003	nq	98
72) Anthracene	11.45	178	1891819	83.264	nq	99
73) Carbazole	11.60	167	1787617	82.504	nq	99
74) Di-n-butylphthalate	11.93	149	2257858	81.122	nq	98
75) Fluoranthene	12.59	202	1780472	79.869	nq	99
77) Benzidine	12.70	184	652505	76.795	nq #	96
78) Pyrene	12.82	202	1784003	95.156	nq	97
80) Butylbenzylphthalate	13.43	149	883310	97.163	nq	98
81) Benzo(a)anthracene	14.00	228	1158632	85.608	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	374534	81.383	nq	99
83) Chrysene	14.03	228	1224141	88.114	nq	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	1035118	91.489	nq	98
85) Di-n-octyl phthalate	14.59	149	1655445	89.101	nq	98
86) Indeno(1,2,3-cd)pyrene	16.92	276	1193057	110.374	nq #	93
88) Benzo(b)fluoranthene	15.07	252	918611	74.844	nq	98
89) Benzo(k)fluoranthene	15.07	252	918611	81.084	nq	99
90) Benzo(a)pyrene	15.40	252	943457	88.185	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	938572	102.278	nq #	95
92) Benzo(g,h,i)perylene	17.36	276	1016510	109.772	nq #	93

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

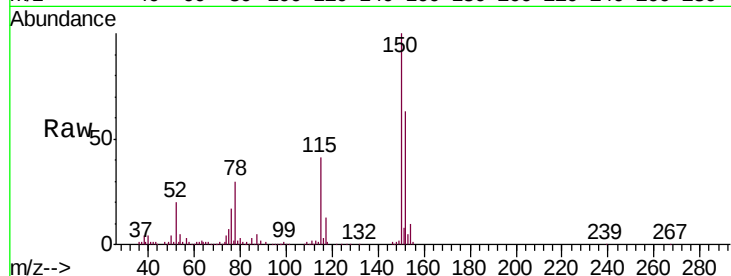


#1

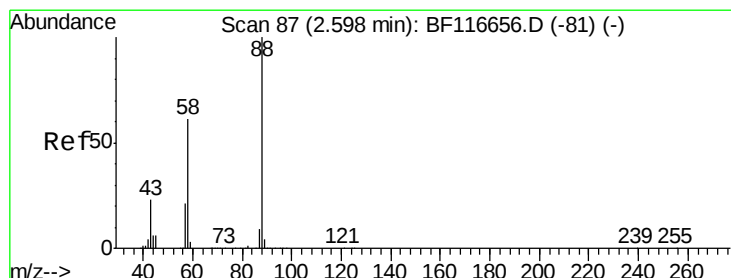
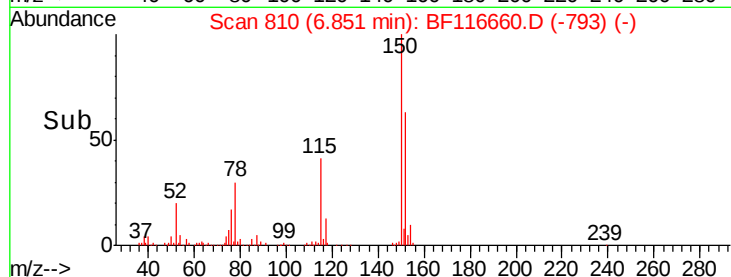
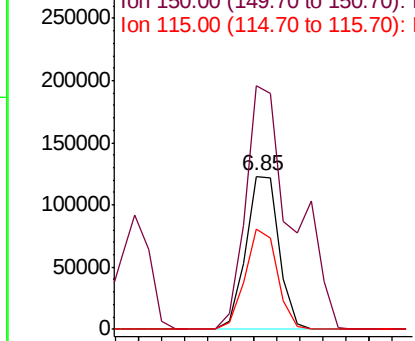
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.4	186.6
115	65.8	49.9	74.9



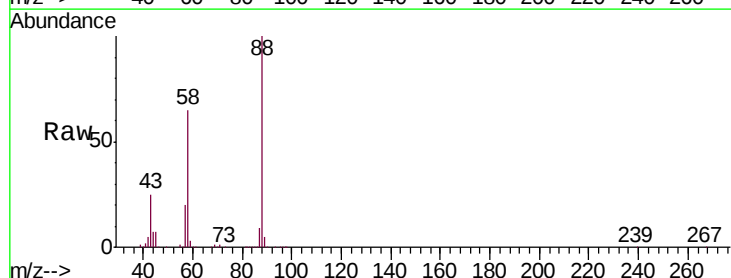
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



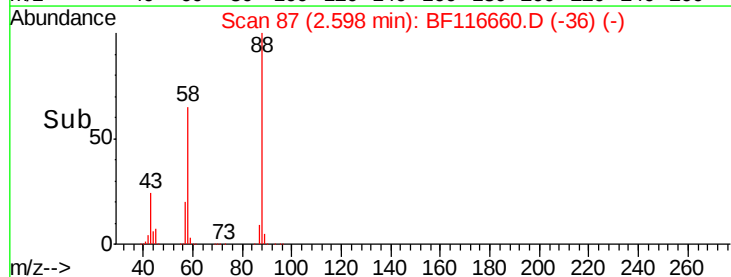
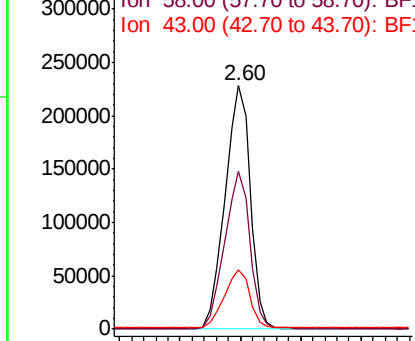
#2

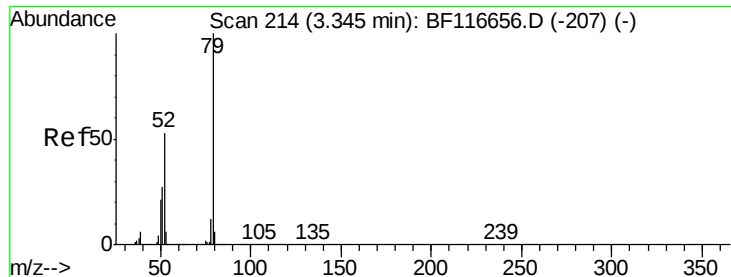
1,4-Dioxane
Concen: 93.332 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.7	77.5
43	23.6	19.8	29.8



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: 96.161 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

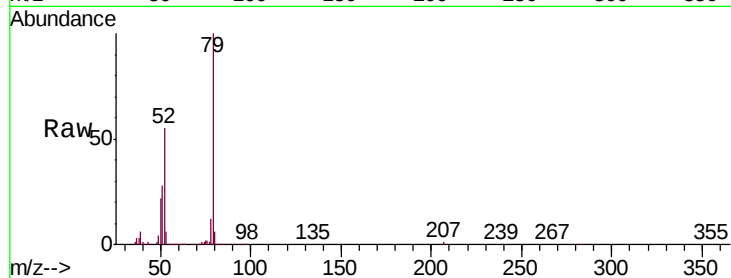
Tot Ion: 79 Resp: 985100

Ion Ratio Lower Upper

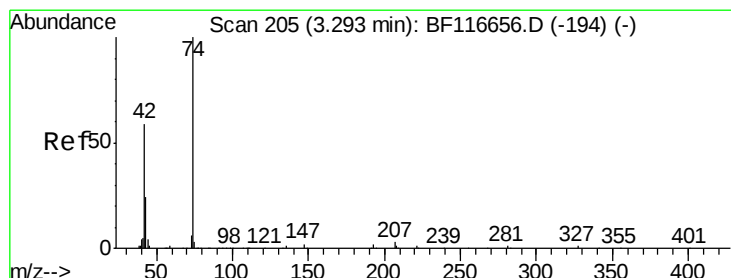
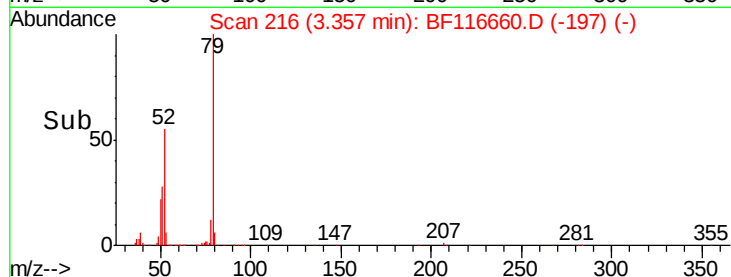
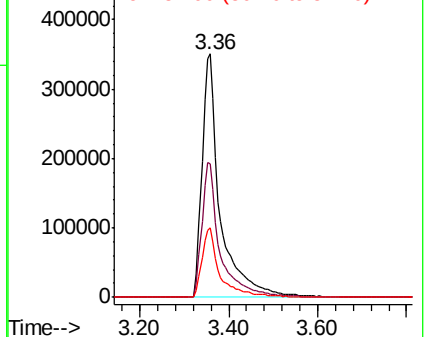
79 100

52 54.9 47.4 71.0

51 28.3 24.1 36.1



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: 96.763 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.04 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

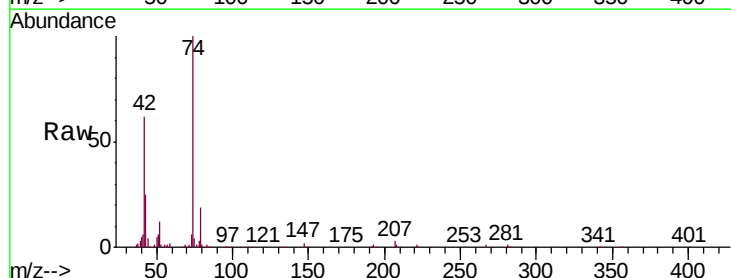
Tgt Ion: 42 Resp: 340099

Ion Ratio Lower Upper

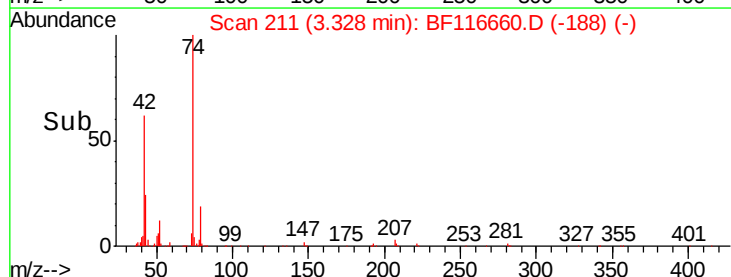
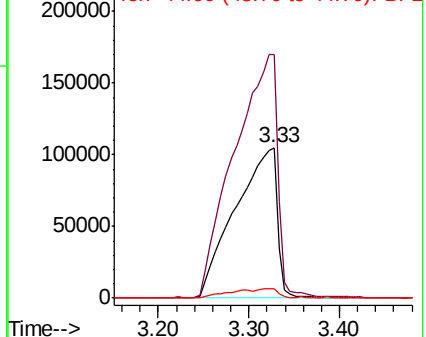
42 100

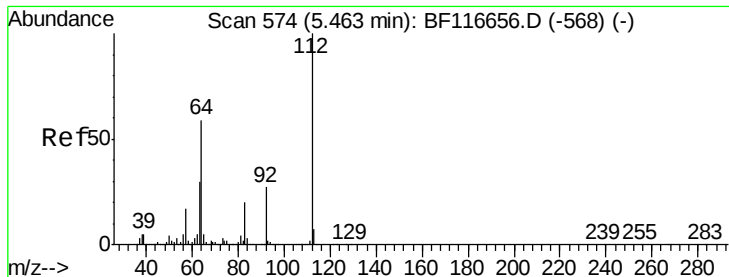
74 161.8 115.6 173.4

44 6.0 4.6 7.0



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: 173.625 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

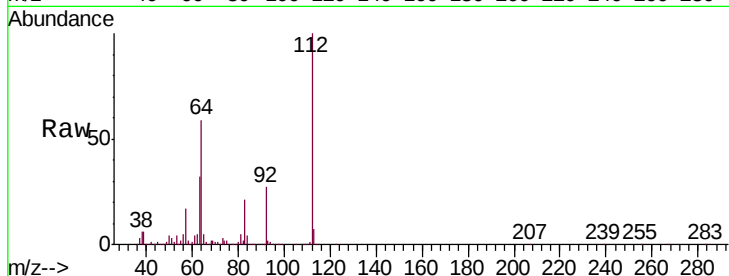
Tot Ion:112 Resp: 1348873

Ion Ratio Lower Upper

112 100

64 59.3 47.1 70.7

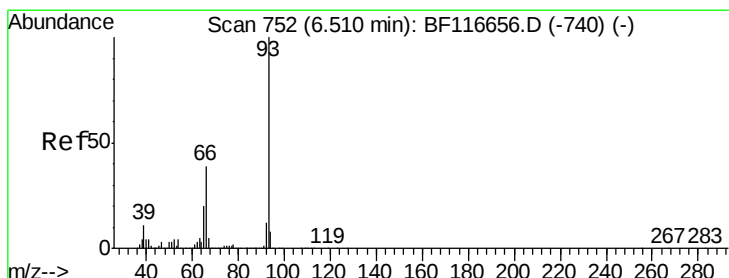
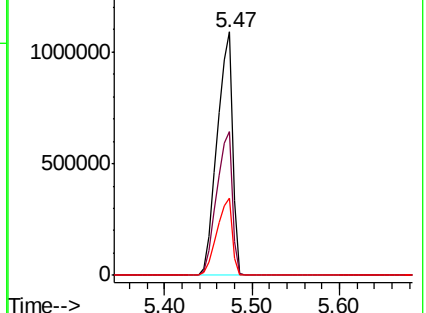
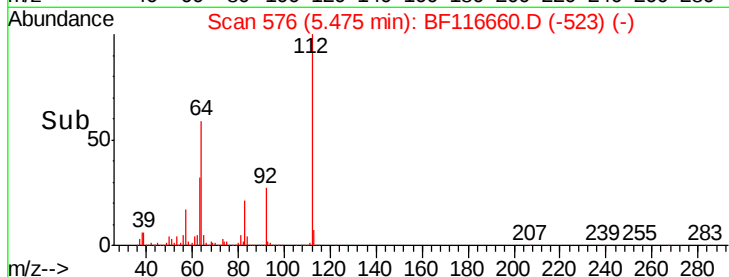
63 31.6 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 87.612 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

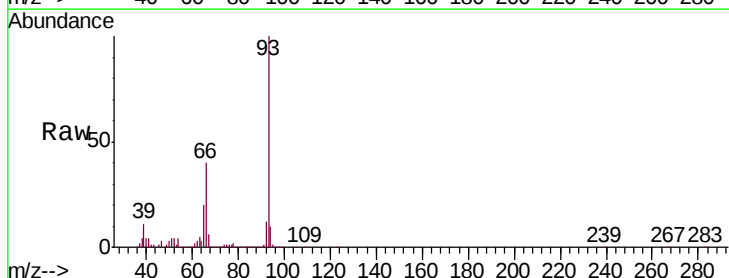
Tgt Ion: 93 Resp: 1236457

Ion Ratio Lower Upper

93 100

66 40.1 32.7 49.1

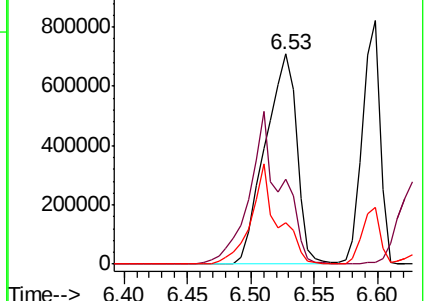
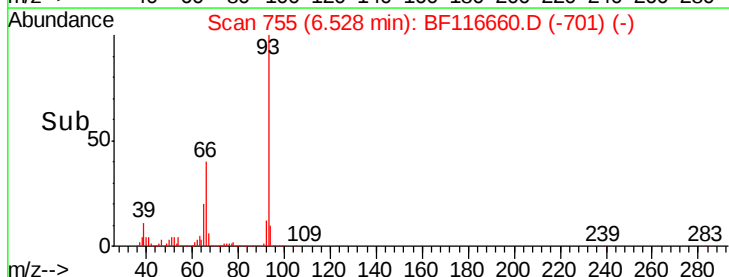
65 19.7 16.3 24.5



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: 175.735 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

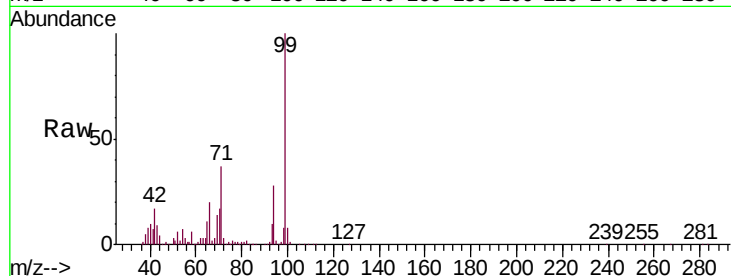
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1789988

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	36.7	30.8	46.2

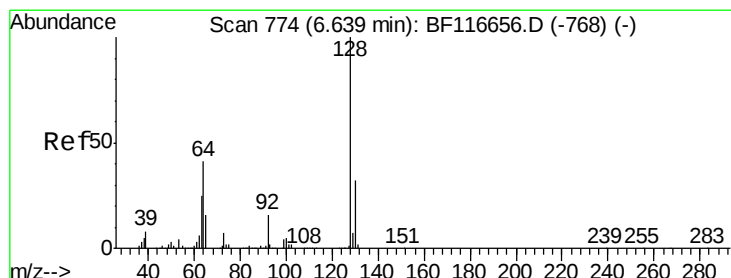
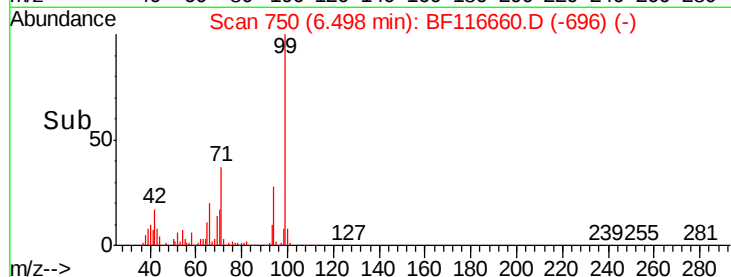
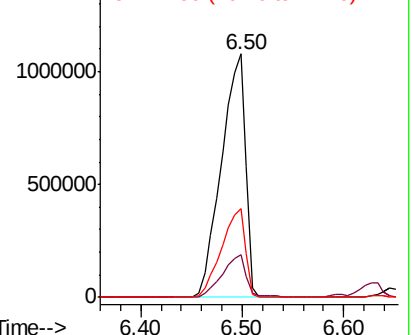


Abundance

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: 86.587 ng

RT: 6.65 min Scan# 775

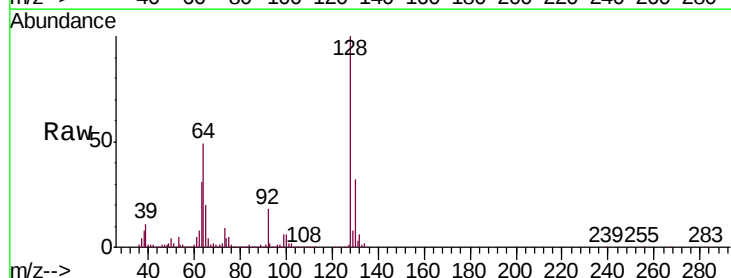
Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion: 128 Resp: 734567

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	48.7	22.5	62.5

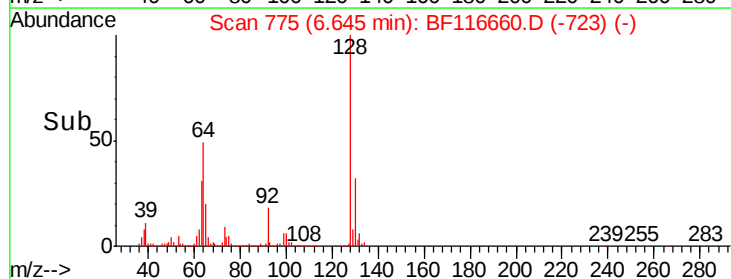
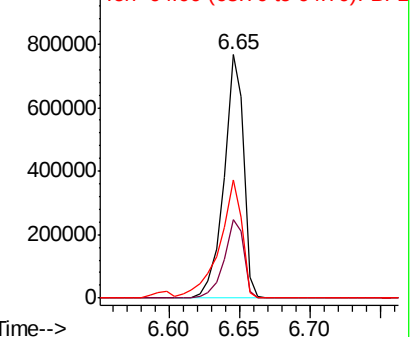


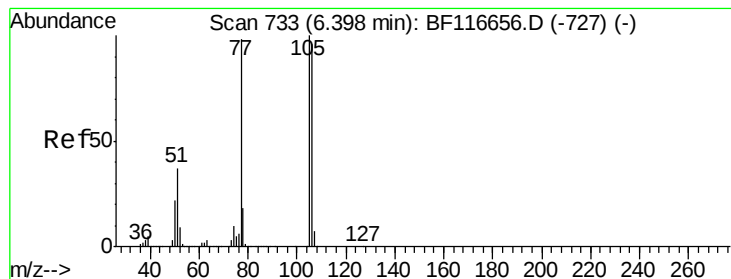
Abundance

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: 69.945 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

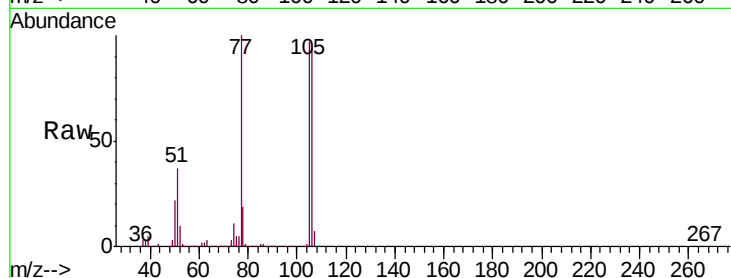
Tot Ion: 77 Resp: 441599

Ion Ratio Lower Upper

77 100

105 97.2 76.7 116.7

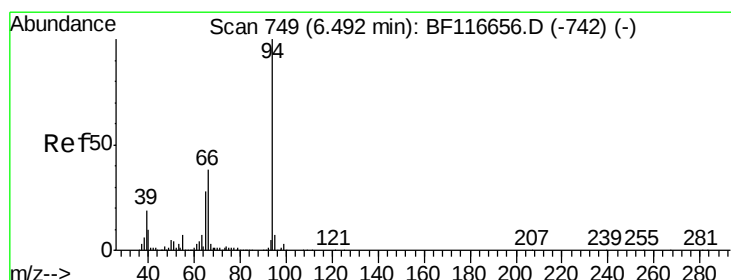
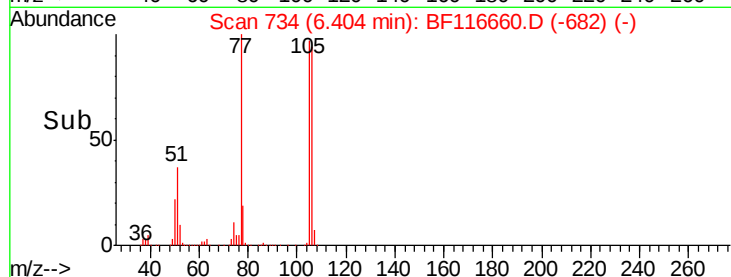
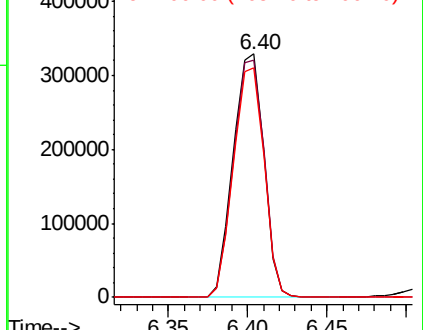
106 94.3 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 85.808 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

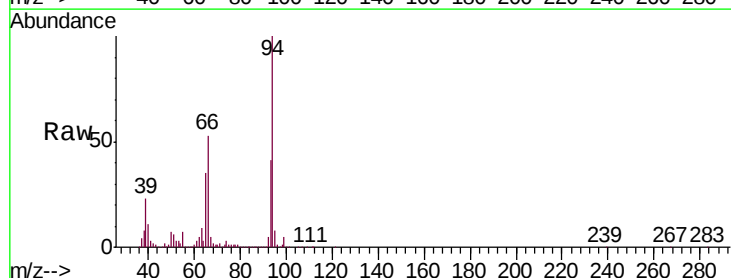
Tgt Ion: 94 Resp: 970724

Ion Ratio Lower Upper

94 100

65 35.3 10.8 50.8

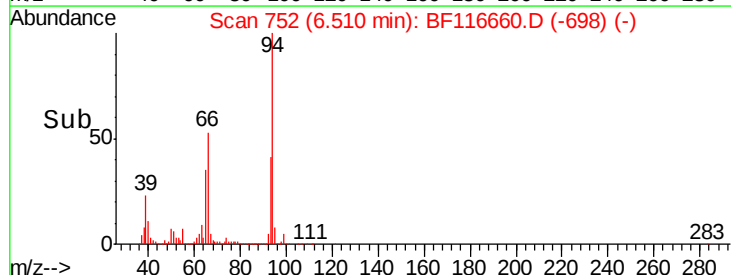
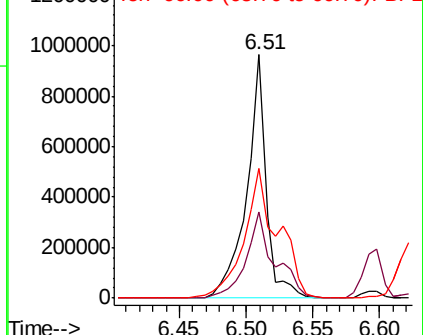
66 53.5 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

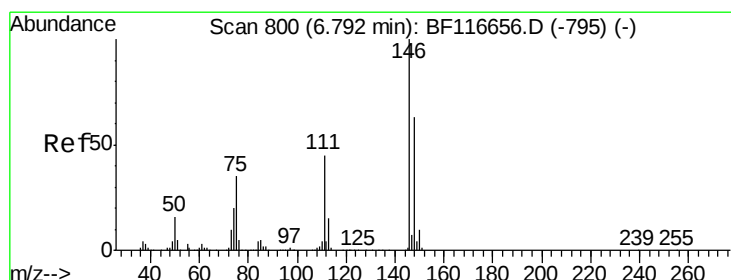
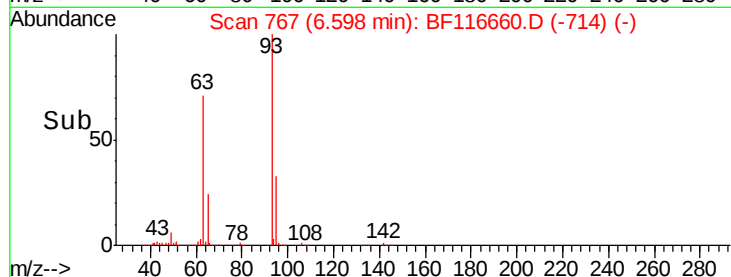
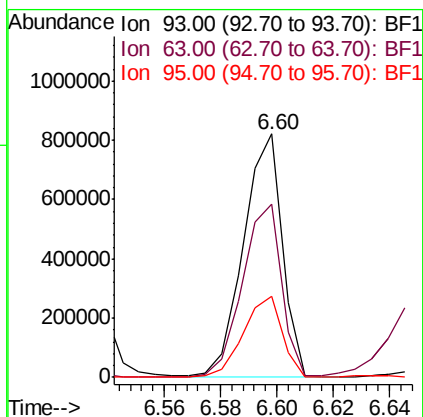
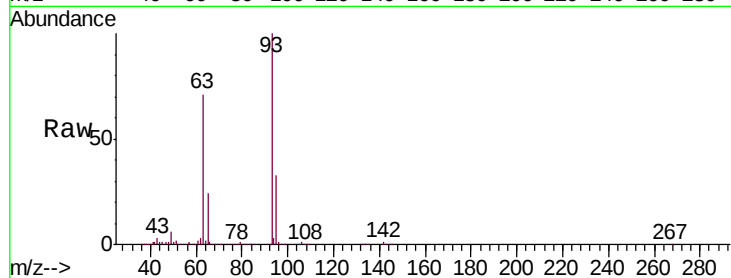




#11
bis(2-Chloroethyl)ether
Concen: 88.939 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

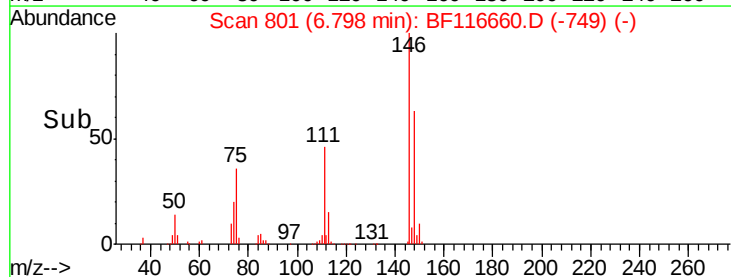
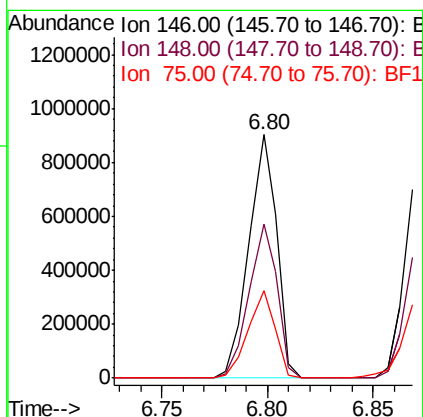
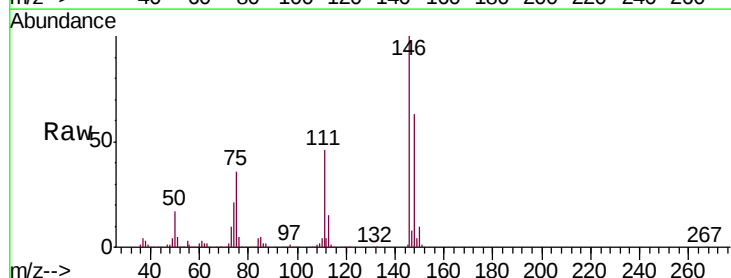
Instrument :
BNA_F
ClientSampleId :

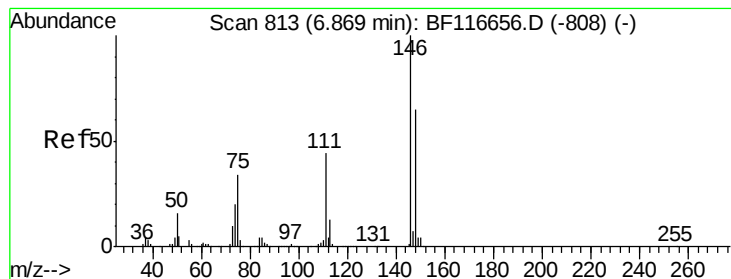
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	49.9	89.9
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 86.903 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	36.0	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 85.708 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

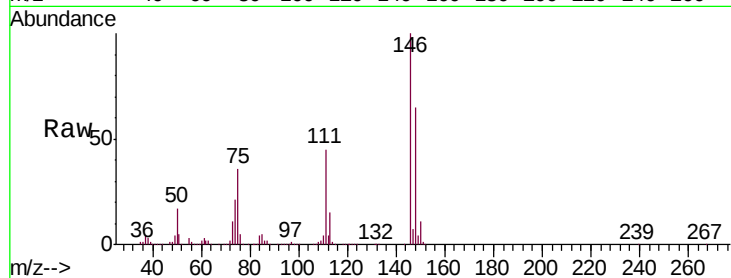
Tot Ion:146 Resp: 819204

Ion Ratio Lower Upper

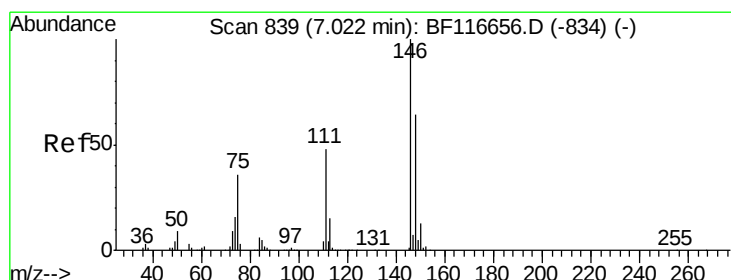
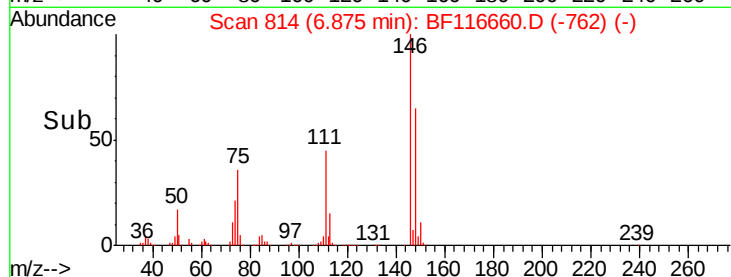
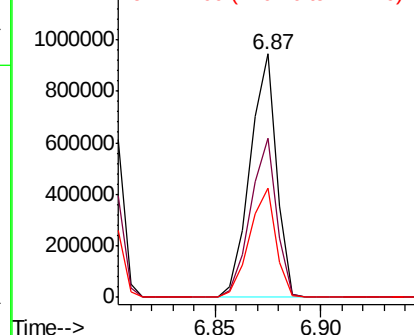
146 100

148 65.2 51.4 77.2

111 44.9 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 84.002 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

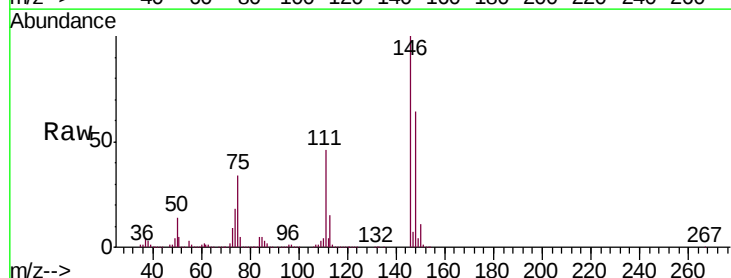
Tgt Ion:146 Resp: 745921

Ion Ratio Lower Upper

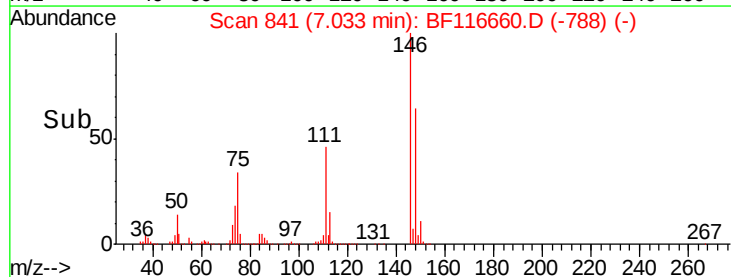
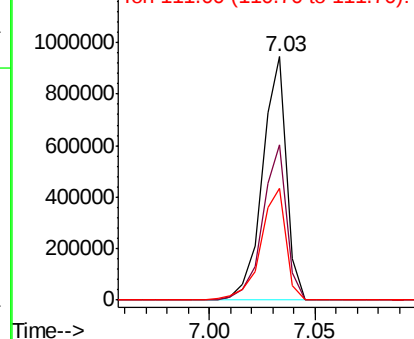
146 100

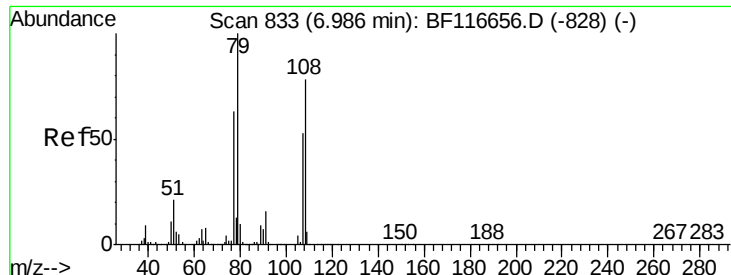
148 63.9 52.6 78.8

111 45.7 34.2 51.4



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: 88.382 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

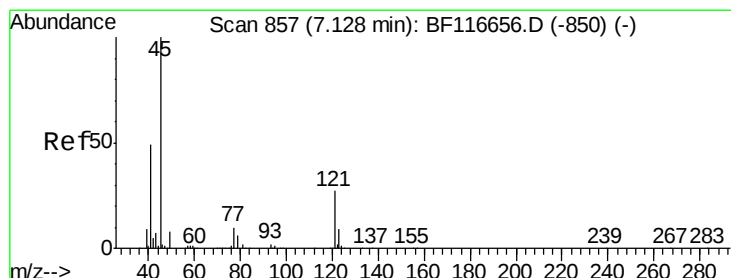
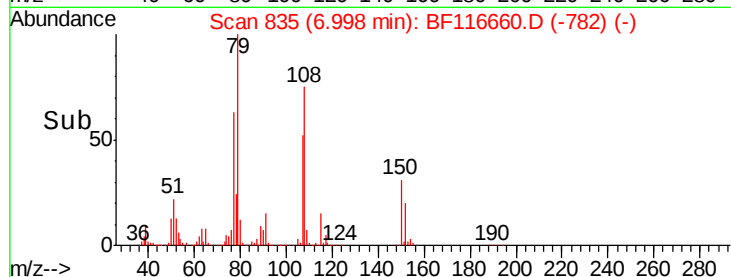
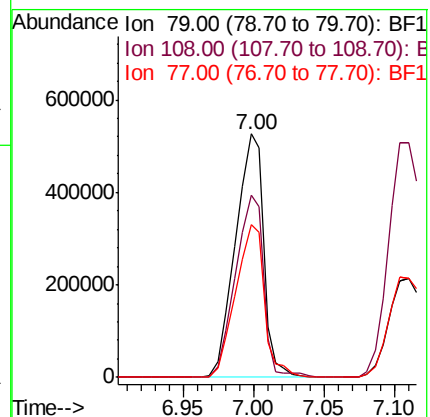
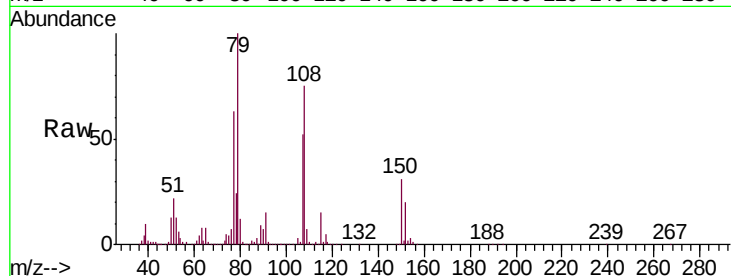
Tot Ion: 79 Resp: 730204

Ion Ratio Lower Upper

79 100

108 74.7 59.2 88.8

77 62.7 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 89.144 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

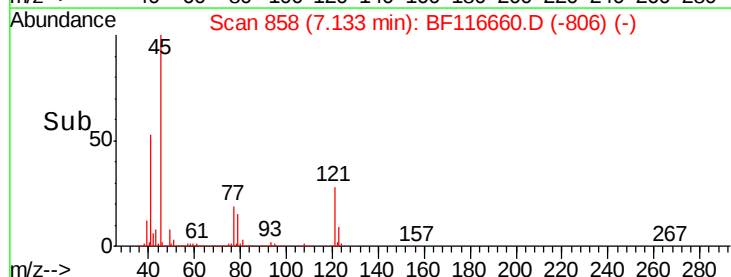
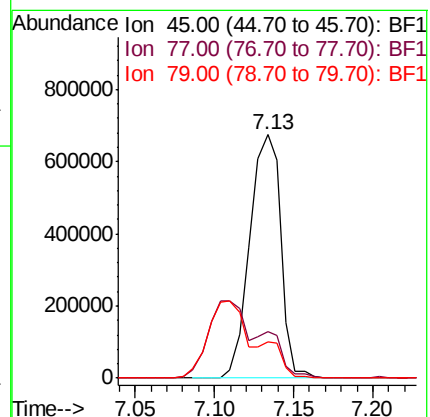
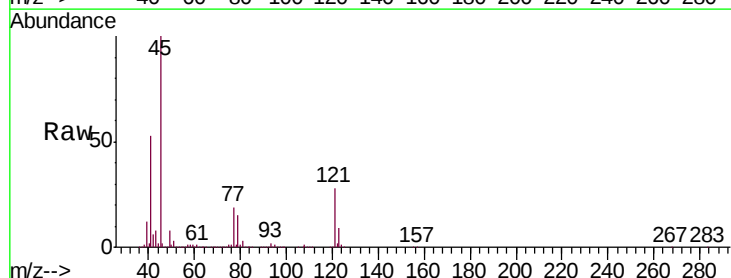
Tgt Ion: 45 Resp: 916821

Ion Ratio Lower Upper

45 100

77 19.2 0.0 38.2

79 15.0 0.0 33.9

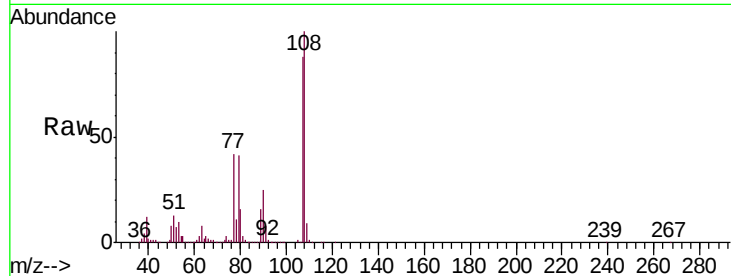




#17
2-Methylphenol
Concen: 90.462 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	668049
Ion	Ratio	Lower	Upper
107	100		
108	113.0	88.3	132.5
77	48.0	39.9	59.9
79	46.6	39.8	59.8



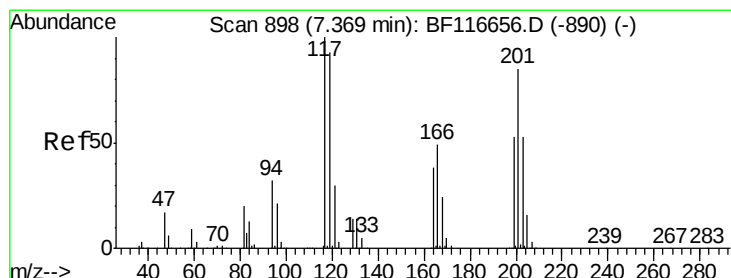
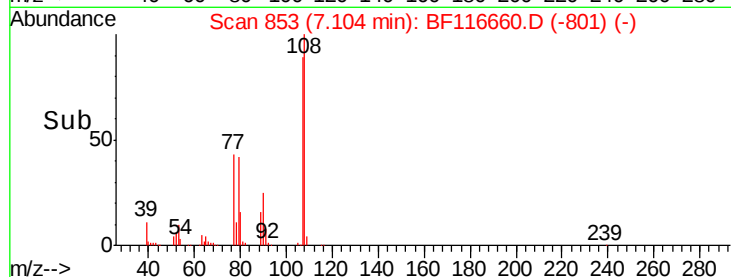
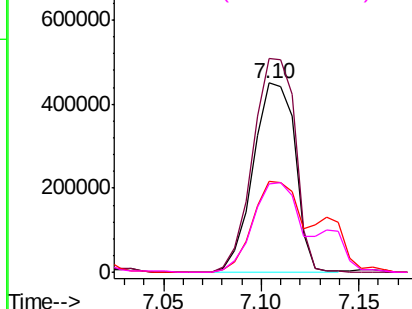
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

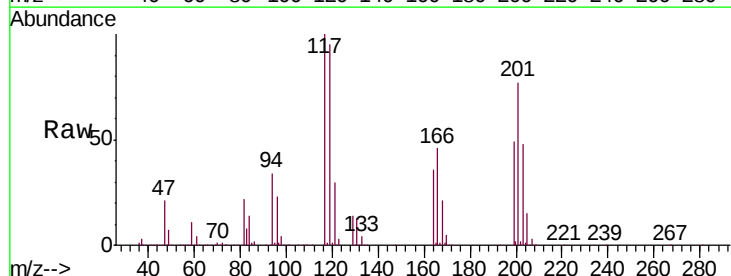
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 89.373 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	117	Resp:	330120
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.9	115.3
201	76.6	79.4	119.0#

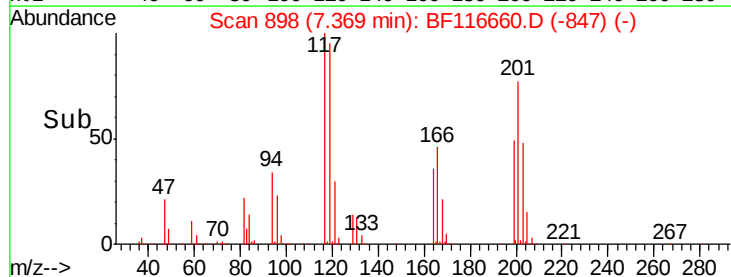
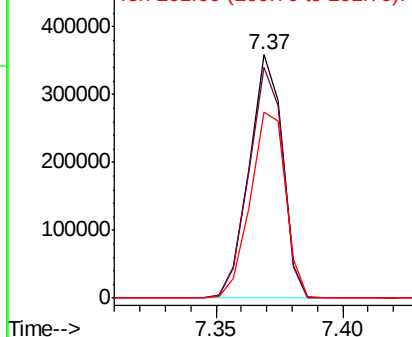


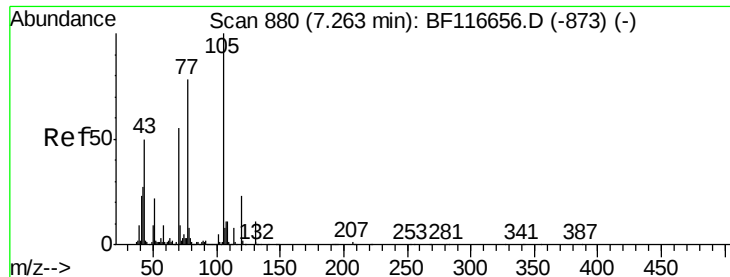
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

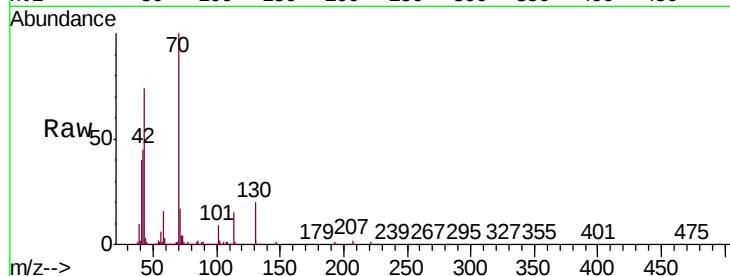




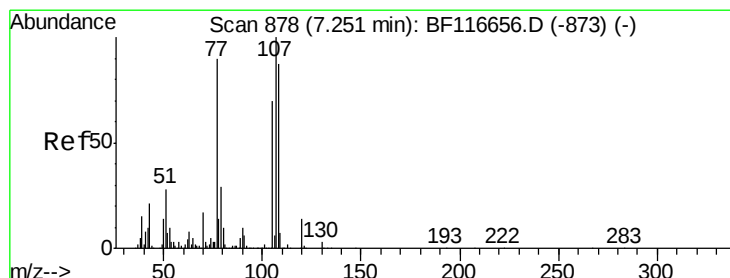
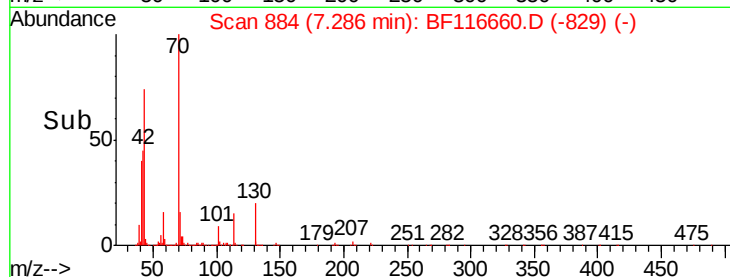
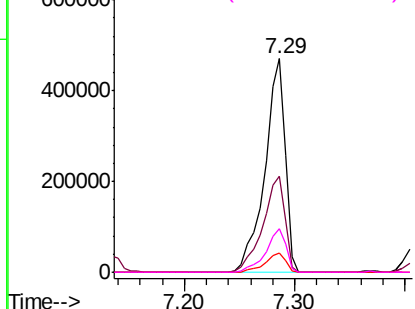
#19
n-Nitroso-di-n-propylamine
Concen: 91.818 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	612270
Ion	Ratio	Lower	Upper
70	100		
42	45.0	43.5	65.3
101	9.2	7.8	11.6
130	20.4	16.6	24.8

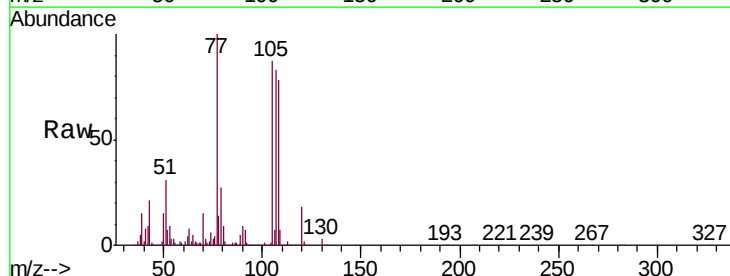


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

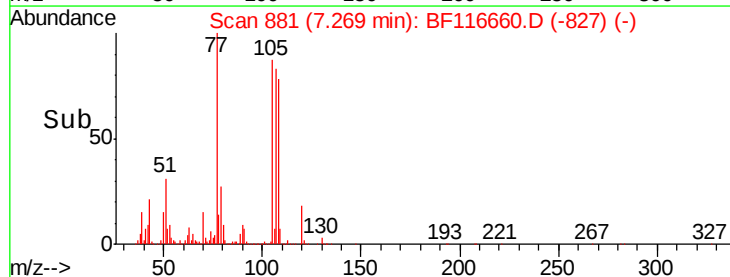
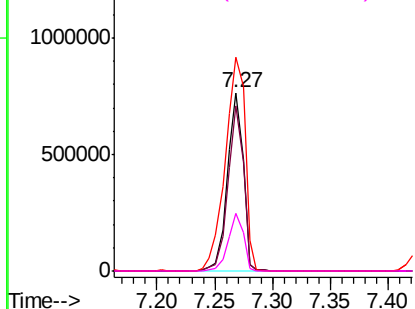


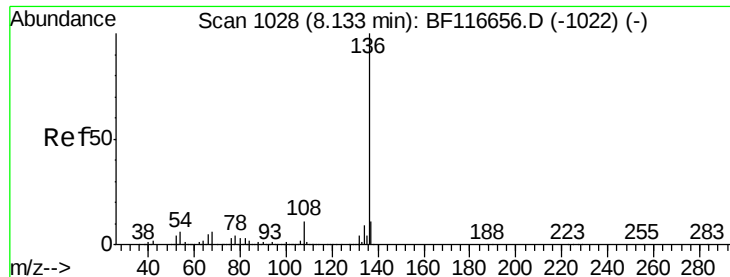
#20
3+4-Methylphenols
Concen: 83.035 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	107	Resp:	720730
Ion	Ratio	Lower	Upper
107	100		
108	93.1	65.5	105.5
77	120.0	69.4	109.4#
79	32.6	9.5	49.5



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

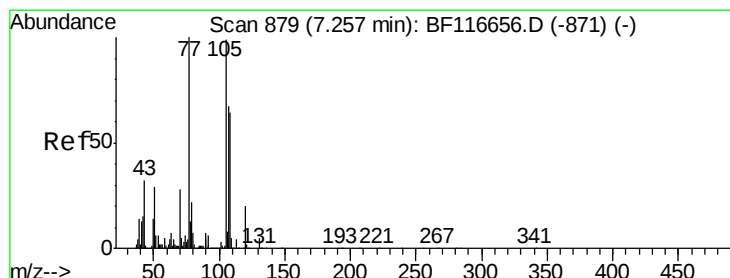
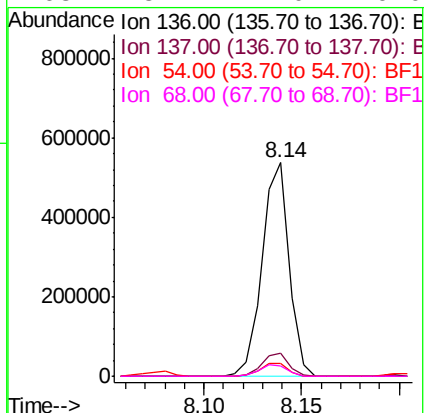
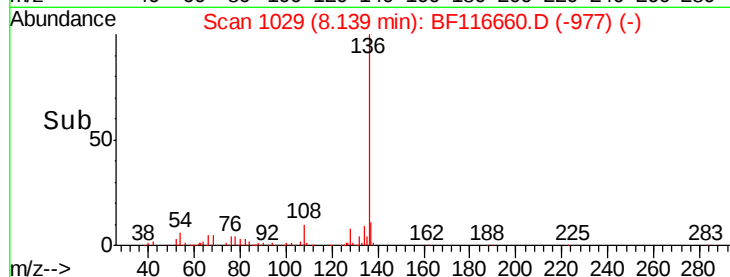
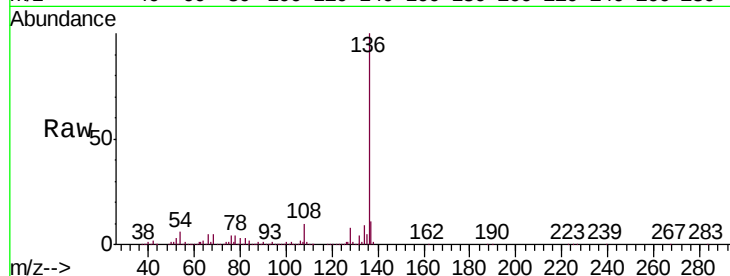




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

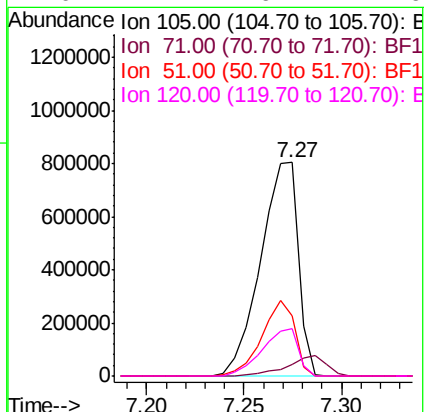
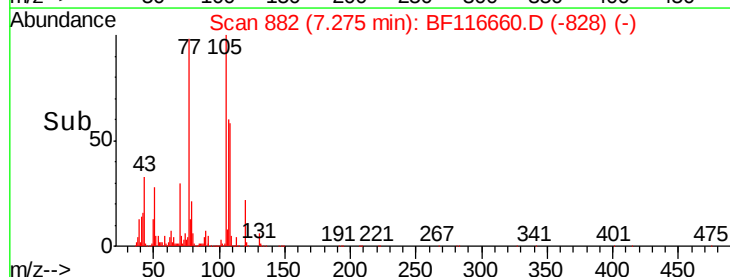
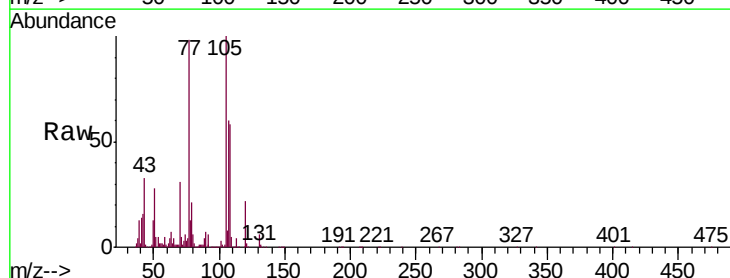
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	512591
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.0	4.8 7.2
68	5.1	4.0 6.0



#22
Acetophenone
Concen: 85.360 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:105	Resp:	1075900
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.2 6.4
51	28.3	25.8 38.8
120	22.2	16.4 24.6





#23

Nitrobenzene-d5

Concen: 193.023 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

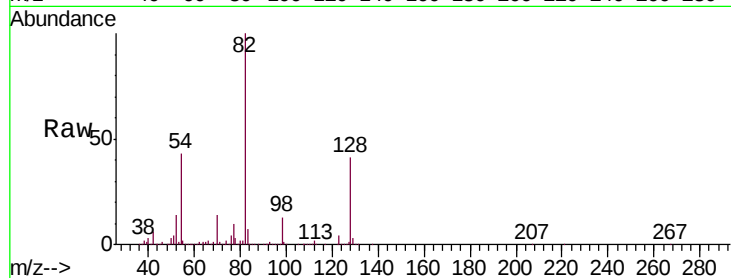
Tot Ion: 82 Resp: 1741844

Ion Ratio Lower Upper

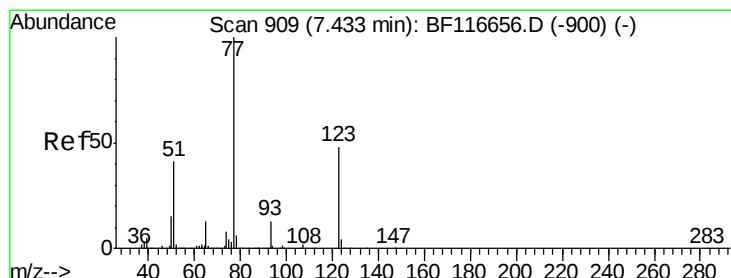
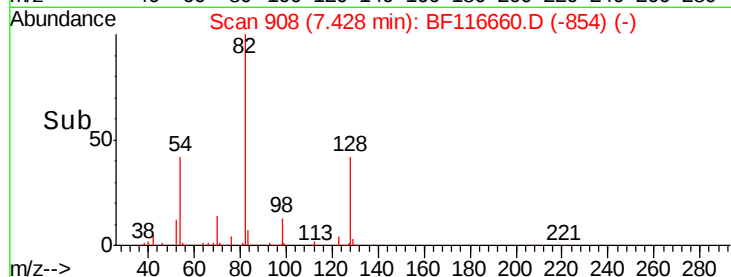
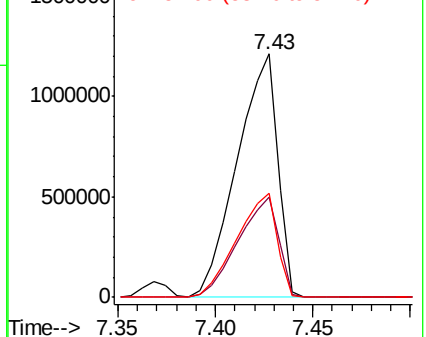
82 100

128 41.4 32.8 49.2

54 42.7 36.9 55.3



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



#24

Nitrobenzene

Concen: 94.145 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

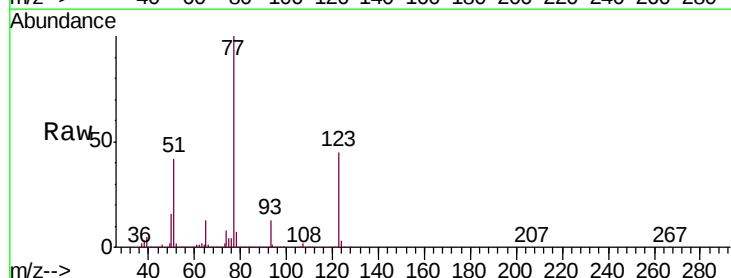
Tgt Ion: 77 Resp: 866996

Ion Ratio Lower Upper

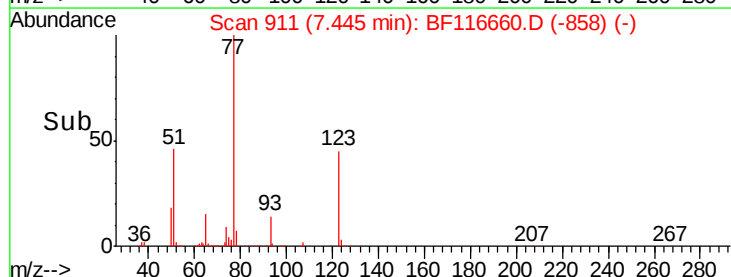
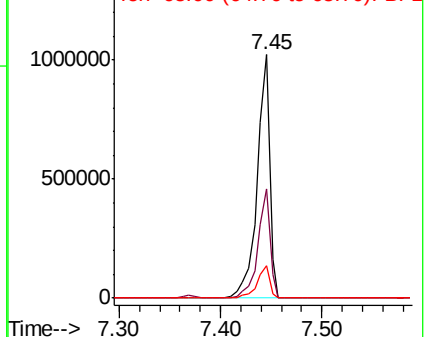
77 100

123 45.0 33.1 49.7

65 13.3 10.6 15.8



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





#25

Isophorone

Concen: 92.875 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

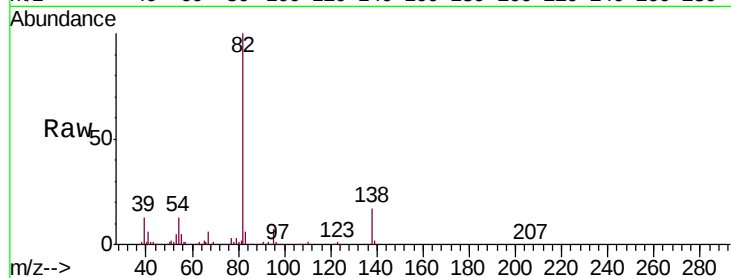
Tot Ion: 82 Resp: 1707205

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

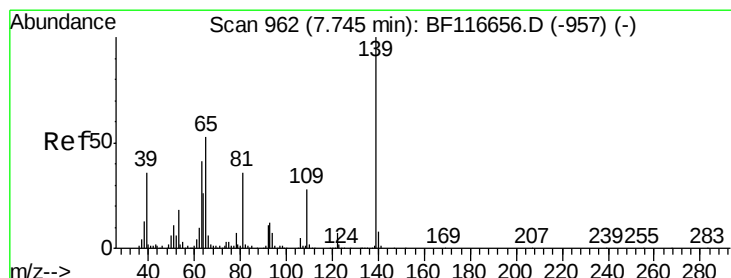
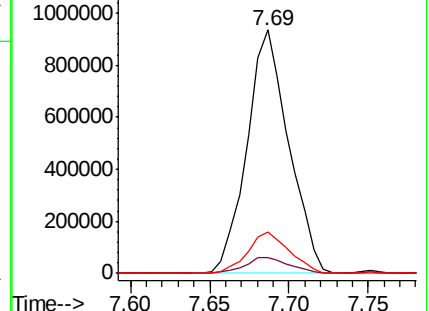
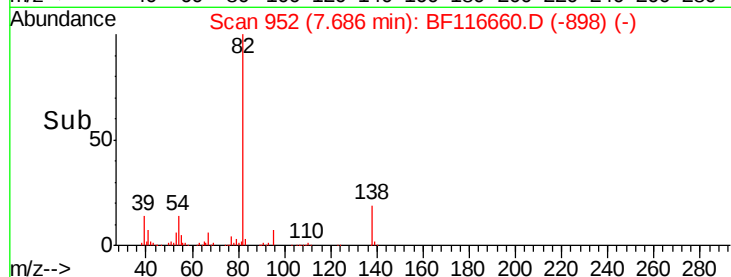
138 17.1 13.5 20.3



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: 108.090 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

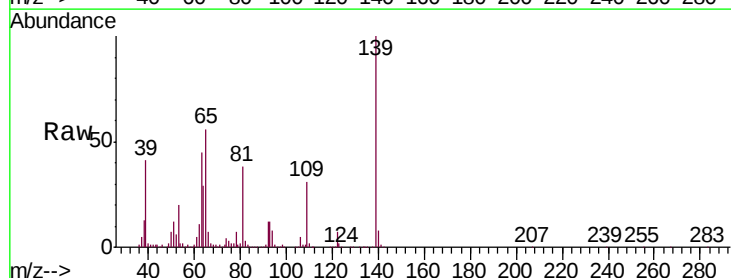
Tgt Ion: 139 Resp: 362789

Ion Ratio Lower Upper

139 100

109 31.0 27.1 40.7

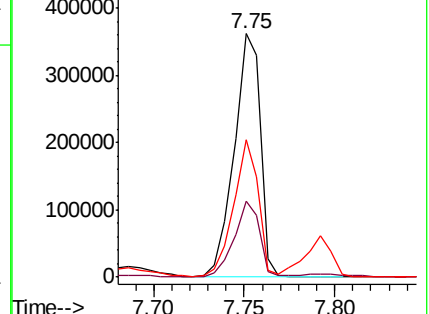
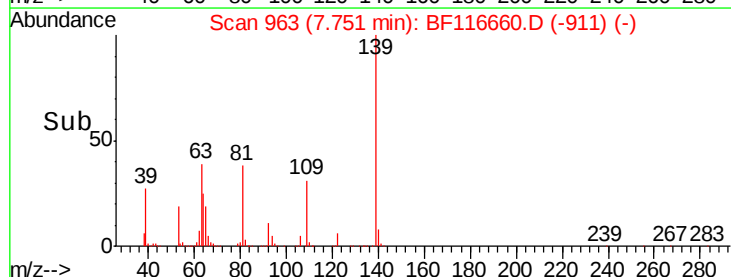
65 56.3 43.0 64.6

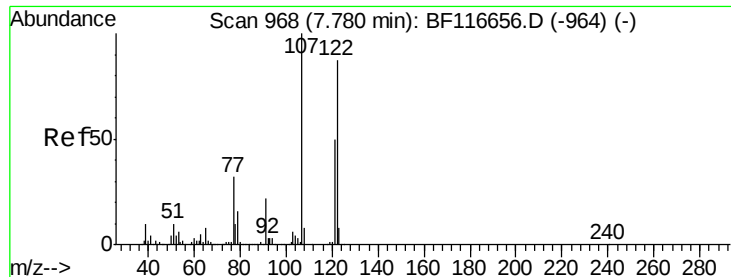


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 89.273 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

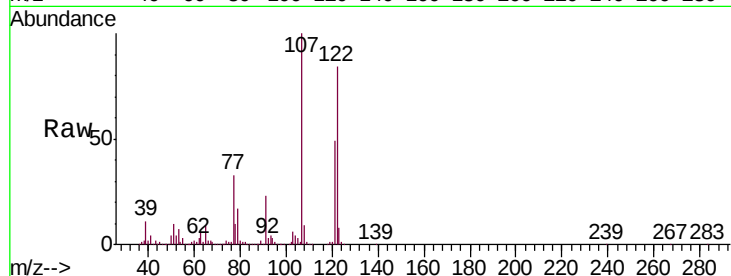
Tot Ion:122 Resp: 621657

Ion Ratio Lower Upper

122 100

107 119.1 98.1 147.1

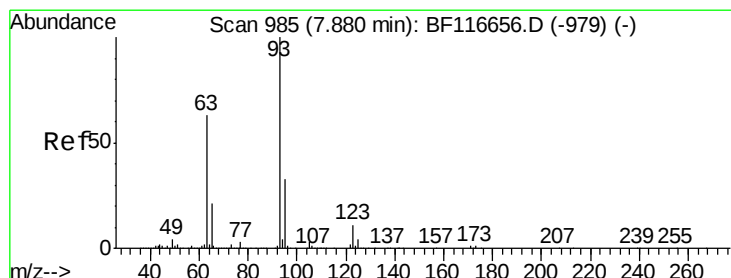
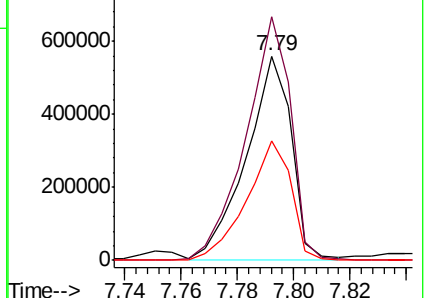
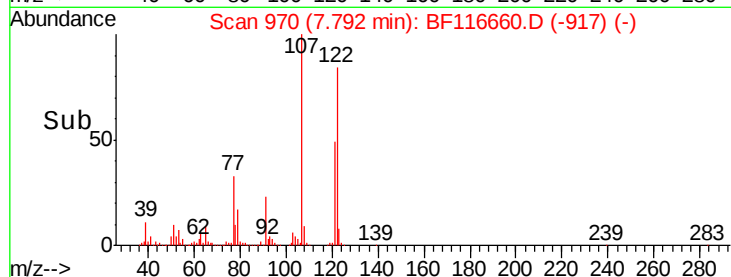
121 58.7 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 89.026 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

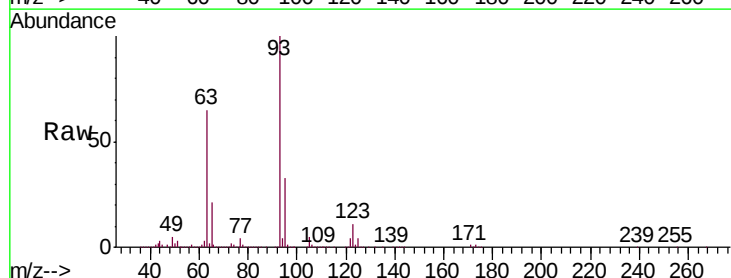
Tgt Ion: 93 Resp: 1005615

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

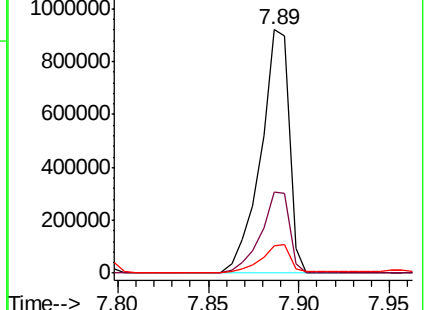
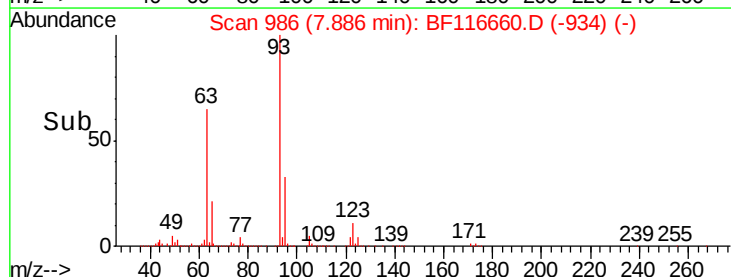
123 11.1 9.8 14.8

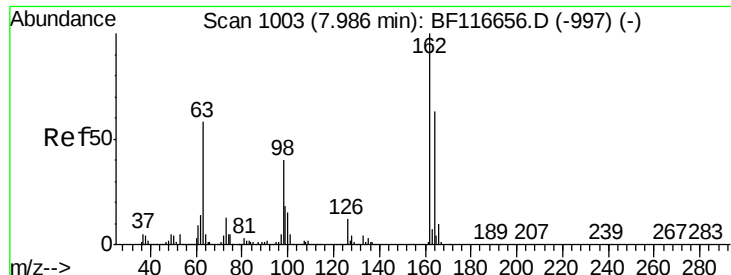


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

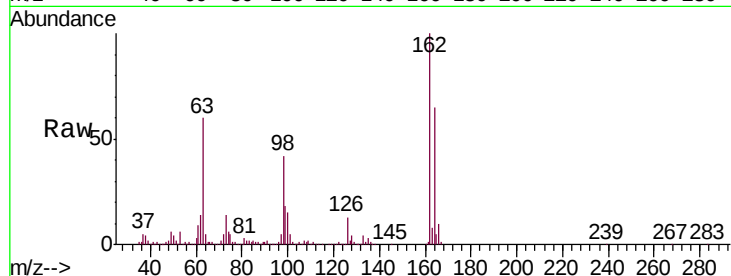




#29
2,4-Dichlorophenol
Concen: 90.874 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.4	83.4
98	41.8	18.1	58.1

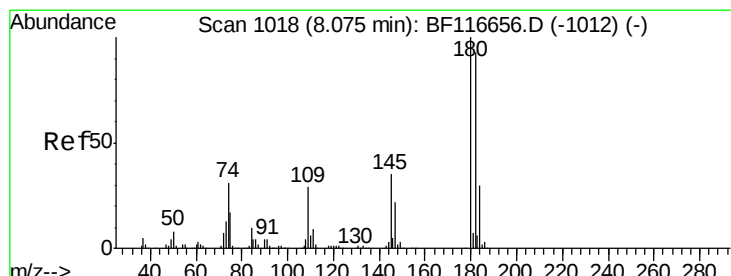
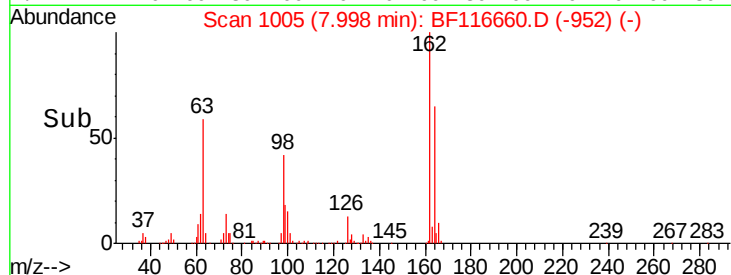
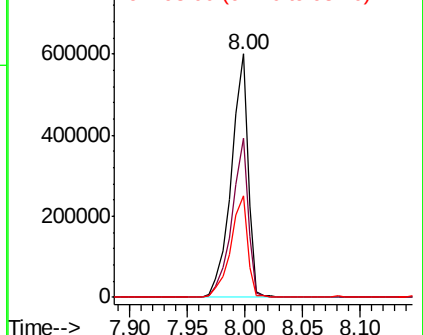


Abundance

Ion 162.00 (161.70 to 162.70): E

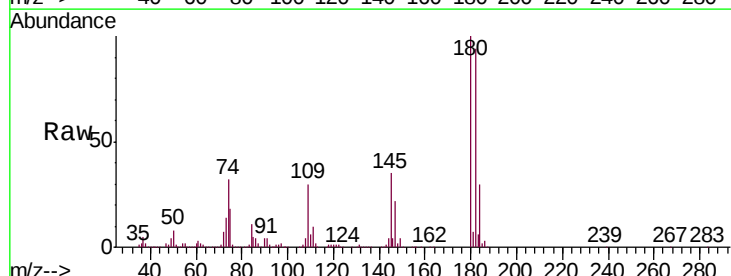
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 86.686 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.6	118.0
145	35.0	25.7	38.5

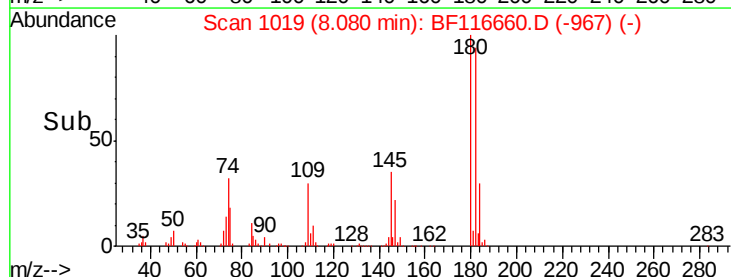
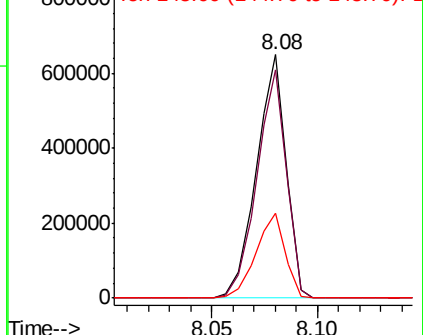


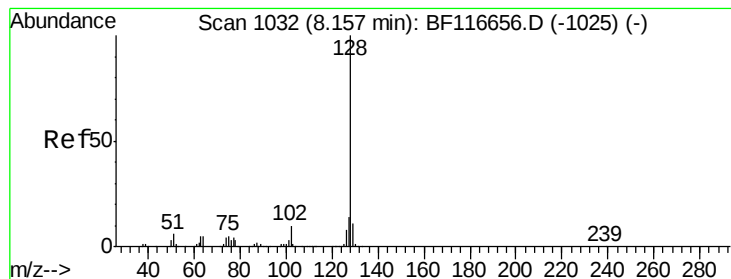
Abundance

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: 84.198 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

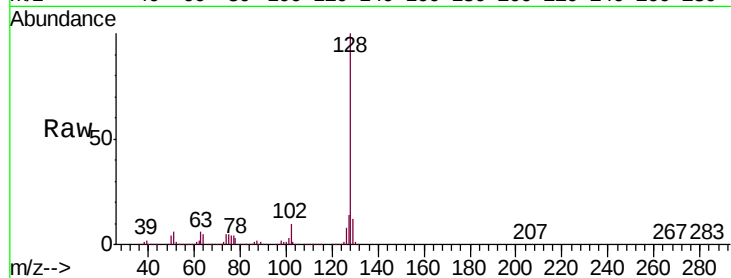
Tot Ion:128 Resp: 2099663

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

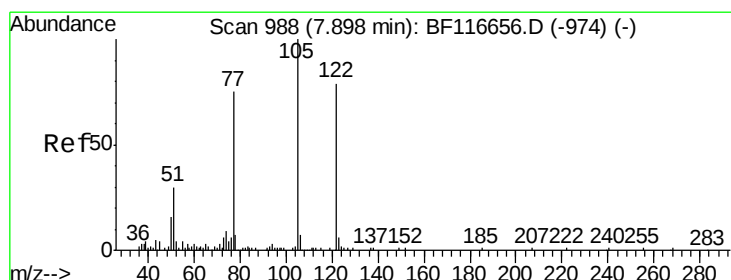
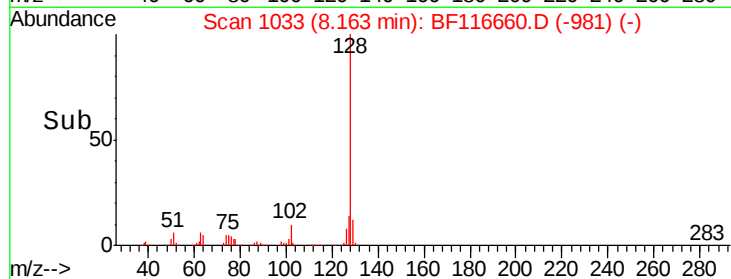
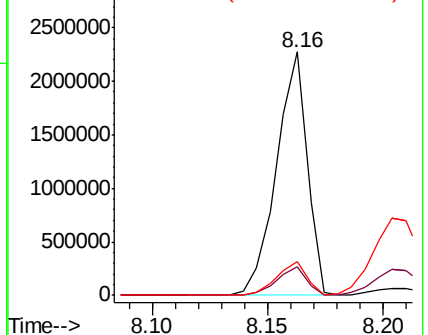
127 13.7 10.4 15.6



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: 122.297 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.06 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

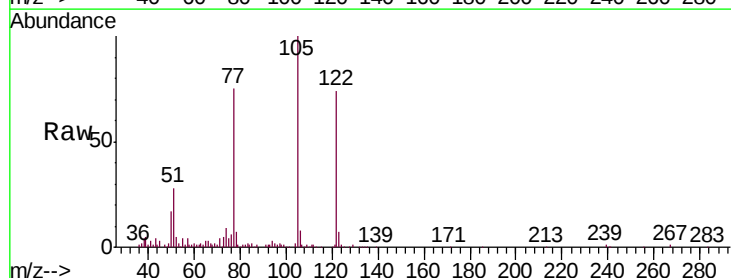
Tgt Ion:122 Resp: 458871

Ion Ratio Lower Upper

122 100

105 135.6 110.0 150.0

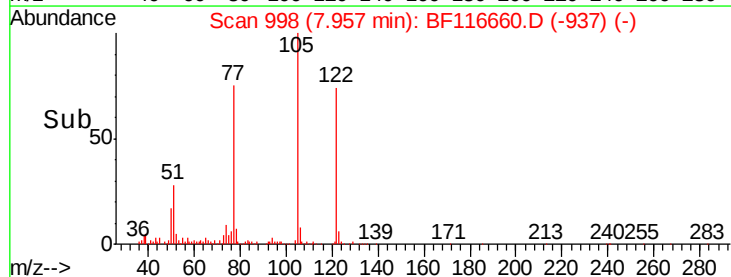
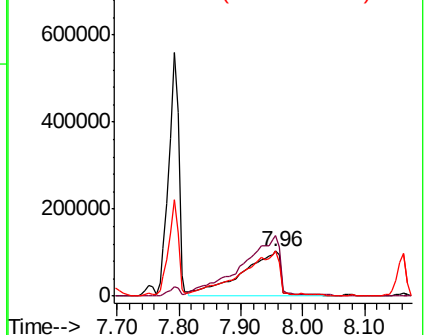
77 102.0 81.7 121.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

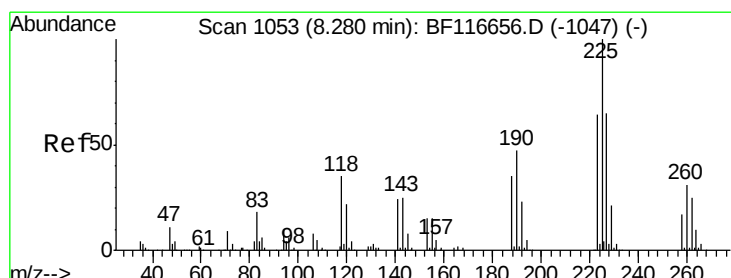
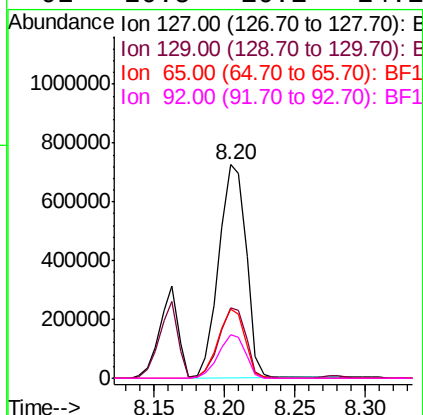
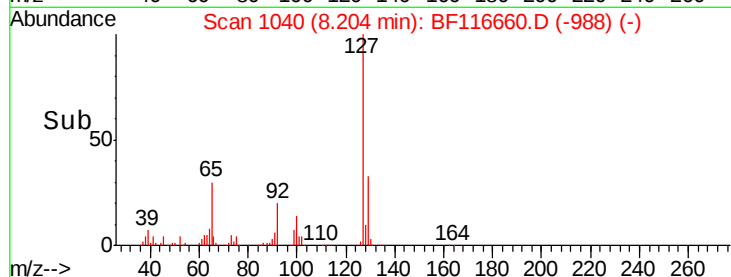
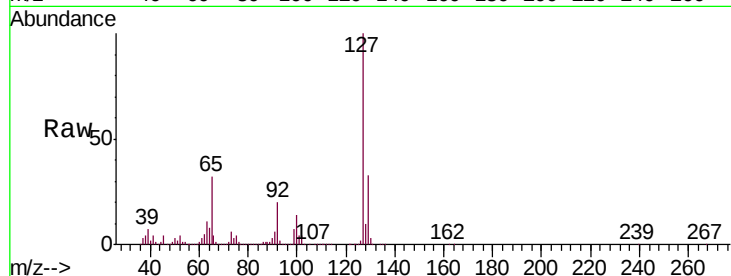




#33
4-Chloroaniline
Concen: 86.470 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

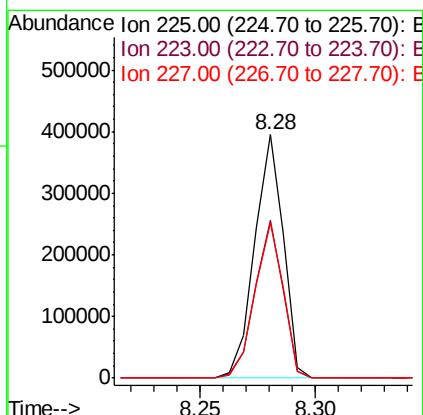
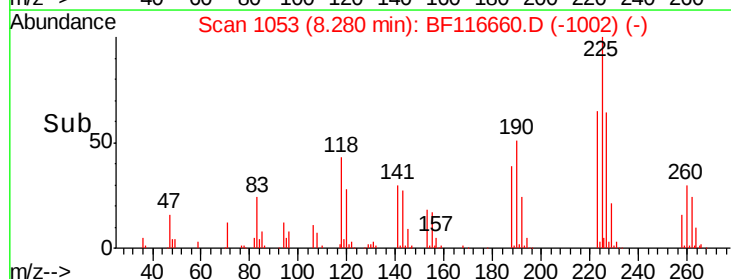
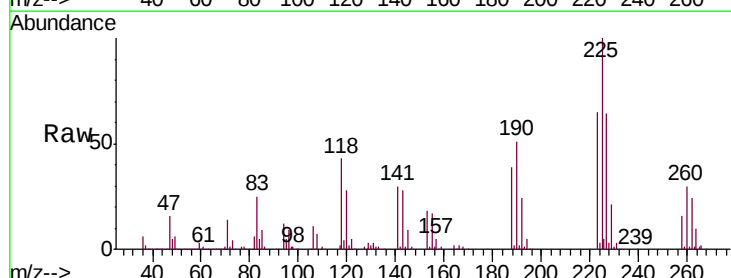
Instrument :
BNA_F
ClientSampled :

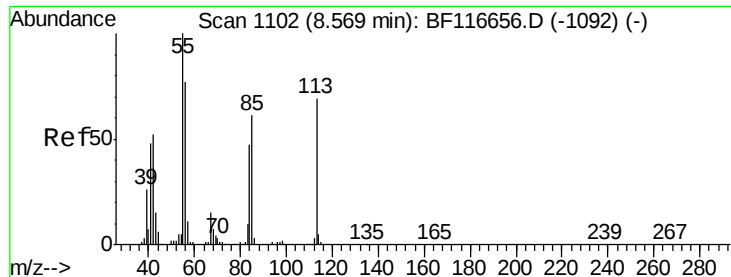
Tot Ion:	127	Resp:	978303
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	32.1	26.0	39.0
92	20.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 85.883 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	225	Resp:	341579
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.4	74.2
227	63.6	51.0	76.4





#35

Caprolactam

Concen: 72.517 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.04 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

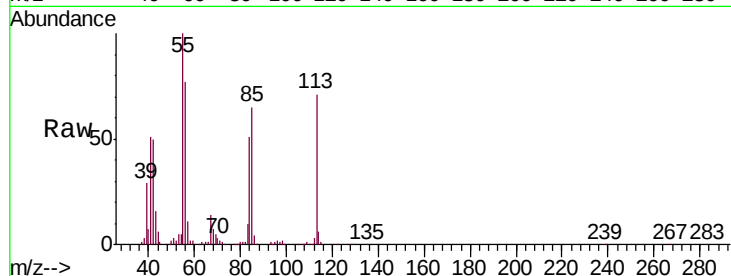
Tot Ion:113 Resp: 181027

Ion Ratio Lower Upper

113 100

55 140.8 124.3 164.3

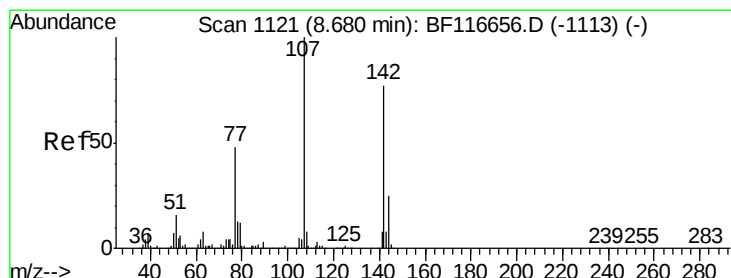
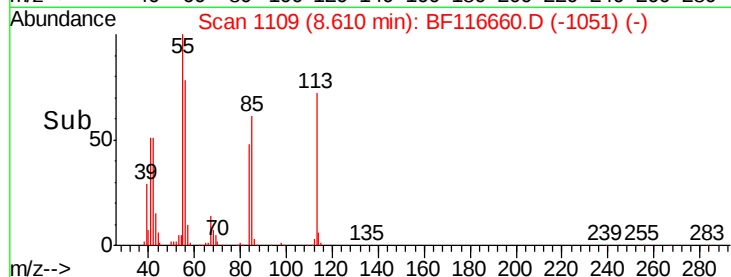
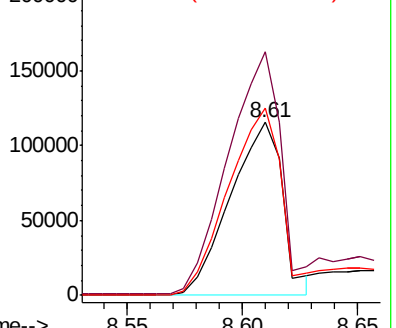
56 108.7 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 91.168 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

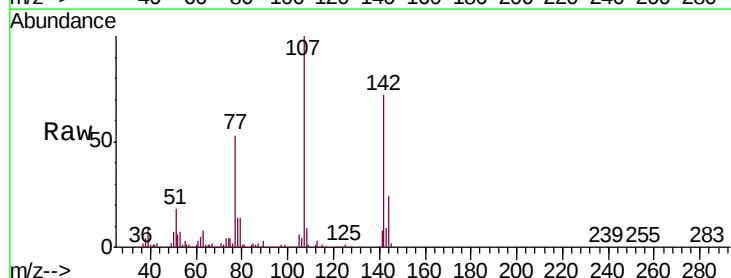
Tgt Ion:107 Resp: 699296

Ion Ratio Lower Upper

107 100

144 23.7 18.6 27.8

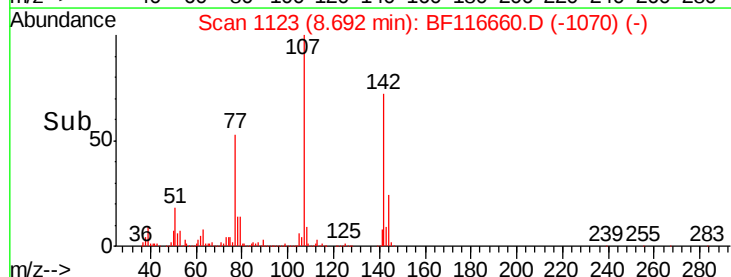
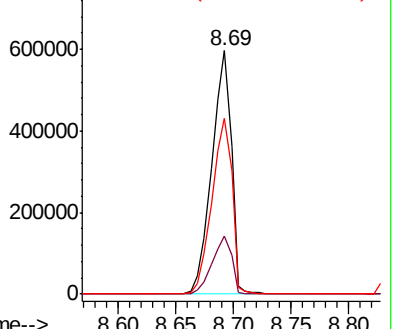
142 72.1 58.5 87.7

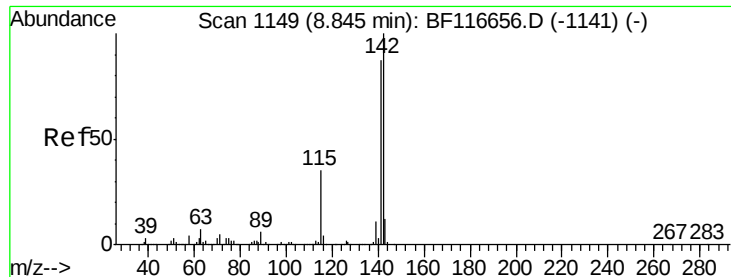


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

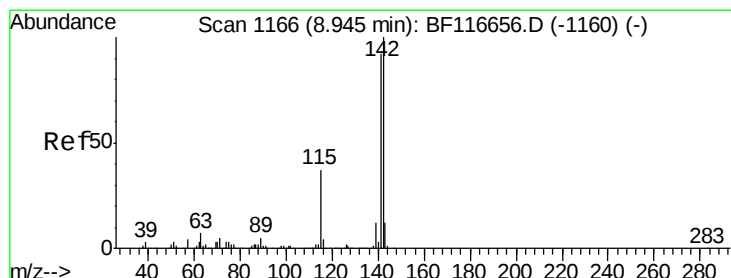
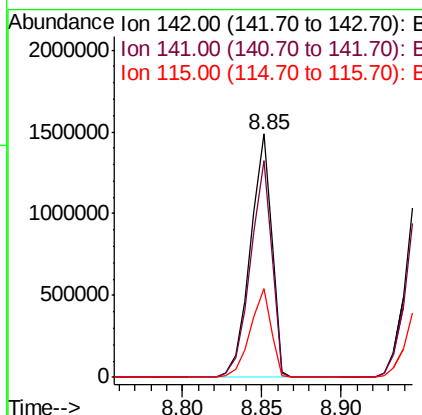
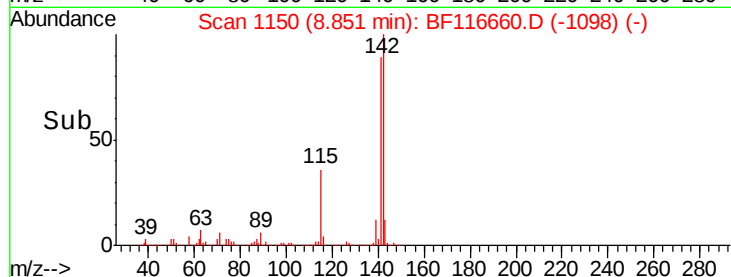
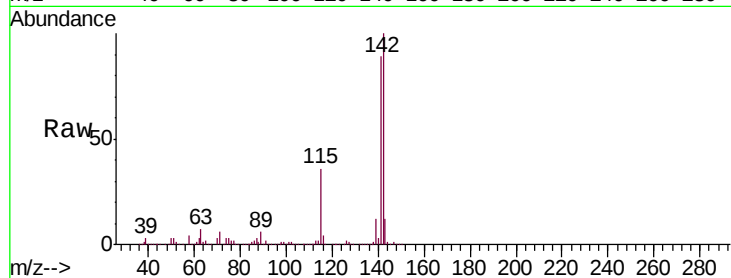




#37
2-Methylnaphthalene
Concen: 83.600 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

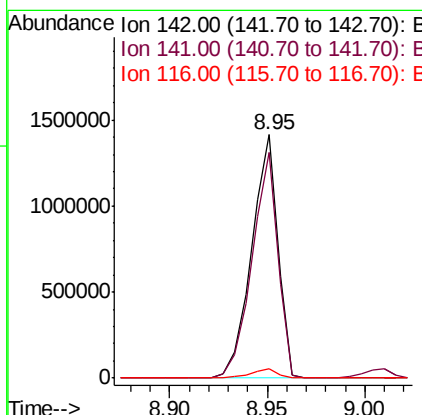
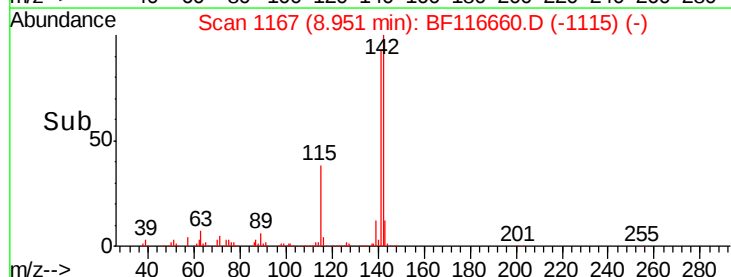
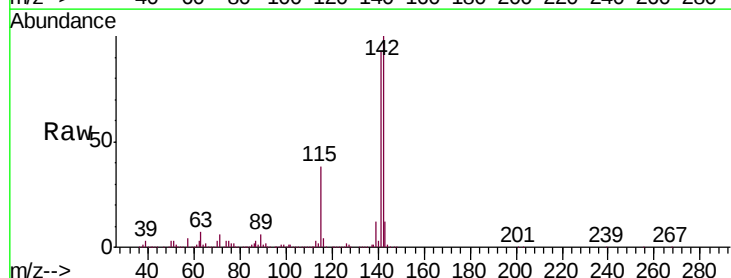
Instrument :
BNA_F
ClientSampleId :

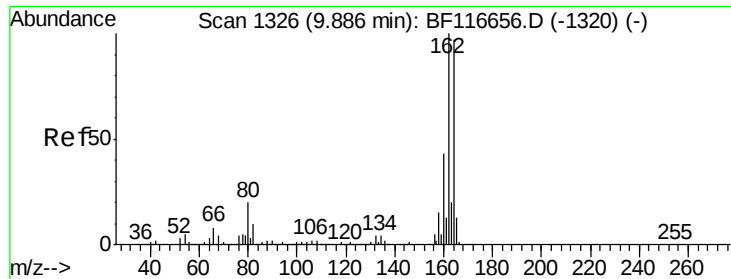
Tot Ion:142 Resp: 1388308
Ion Ratio Lower Upper
142 100
141 88.8 72.6 109.0
115 36.4 29.8 44.6



#38
1-Methylnaphthalene
Concen: 83.717 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:142 Resp: 1312156
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

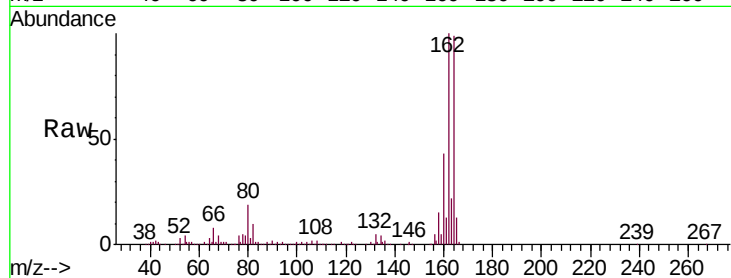
Tot Ion:164 Resp: 257537

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 44.0 35.4 53.2

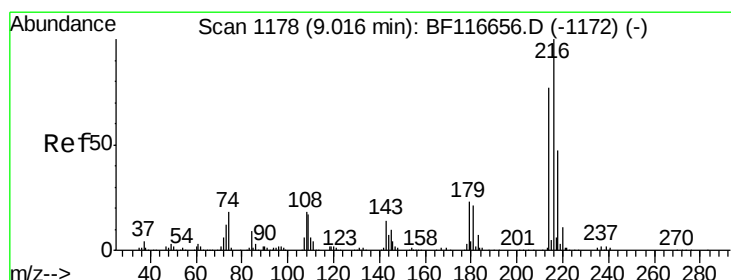
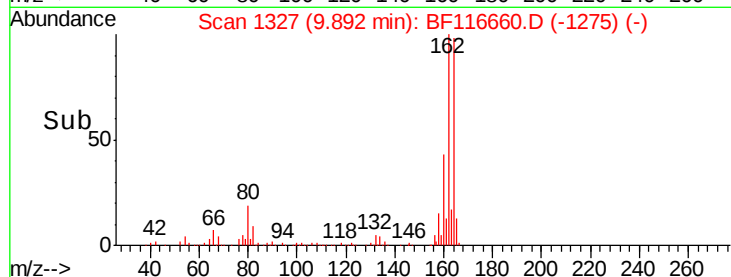
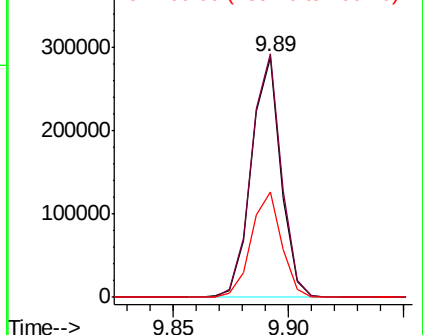


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 81.147 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:216 Resp: 514837

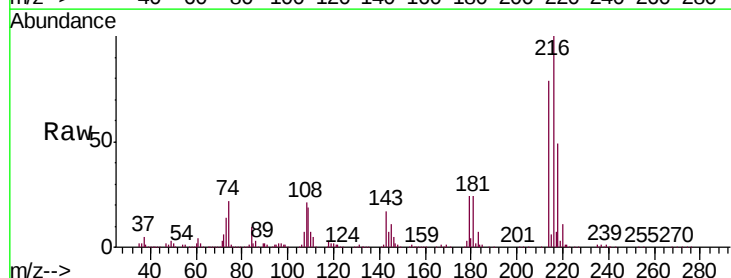
Ion Ratio Lower Upper

216 100

214 79.8 62.7 94.1

179 24.7 19.3 28.9

108 25.9 16.6 25.0#



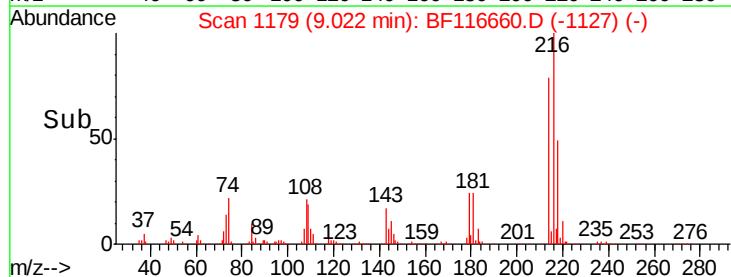
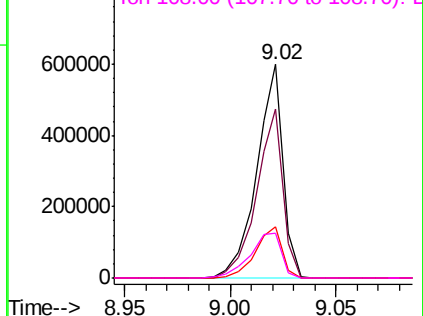
Abundance

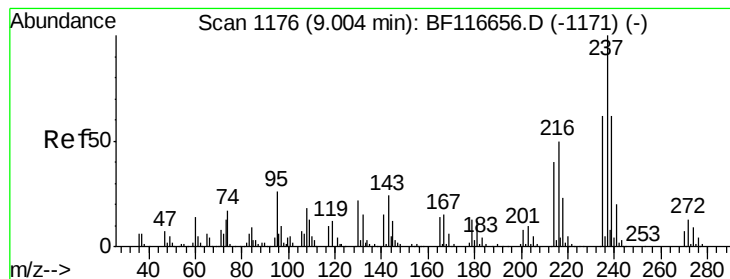
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.723 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

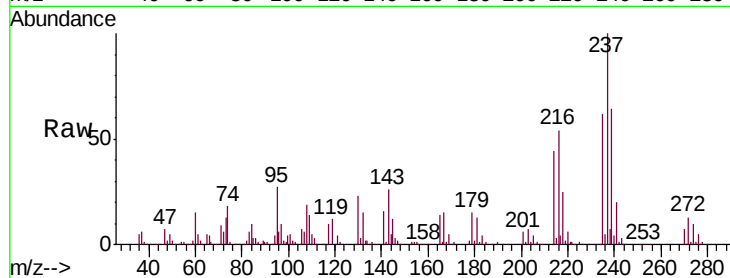
Tot Ion:237 Resp: 330914

Ion Ratio Lower Upper

237 100

235 61.9 41.4 81.4

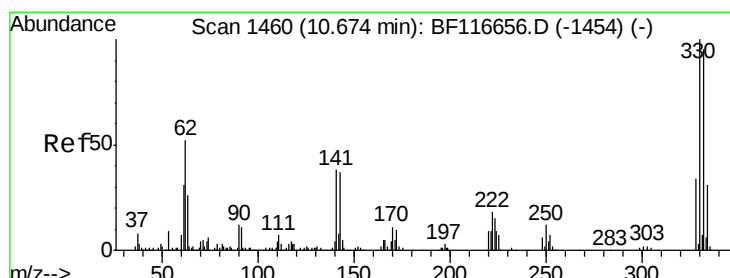
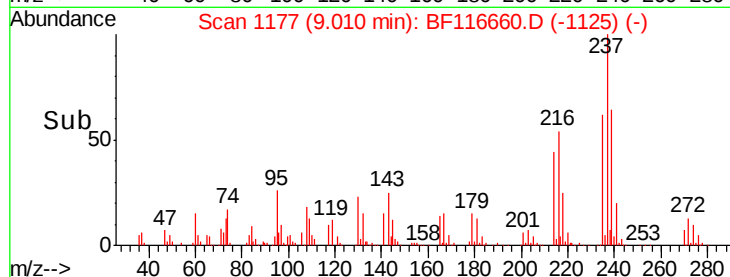
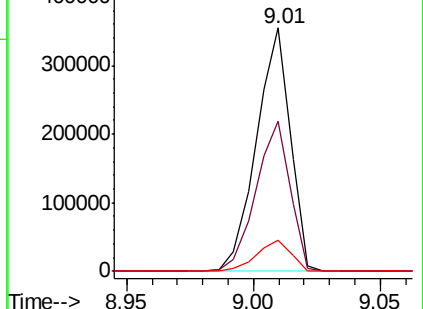
272 12.6 0.0 32.8



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: 182.121 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

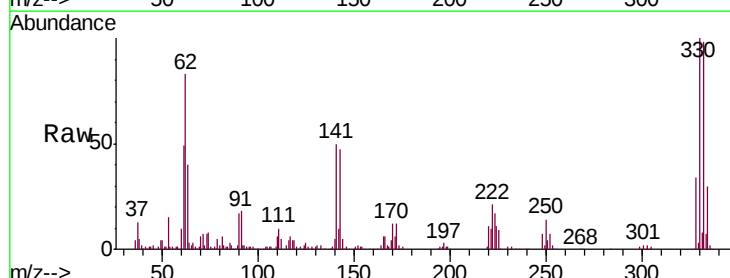
Tgt Ion:330 Resp: 317612

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

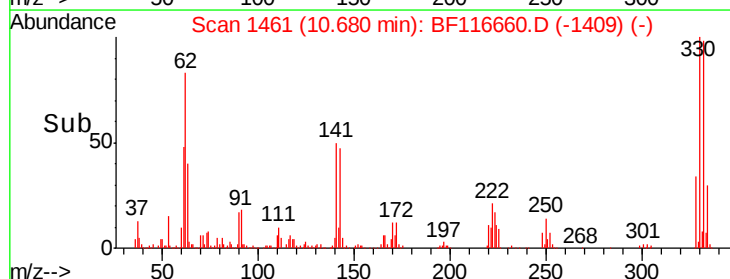
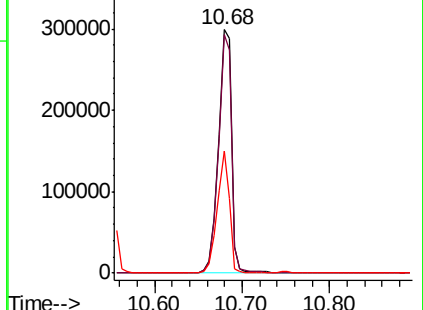
141 46.2 31.4 47.2

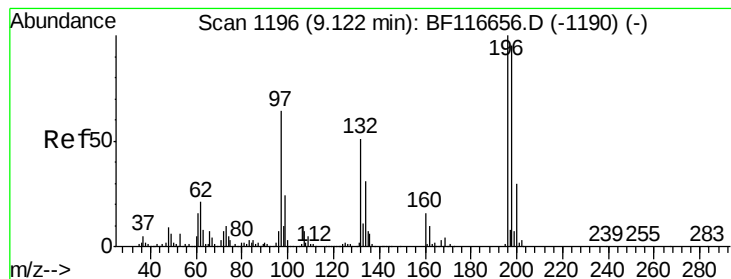


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 91.523 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

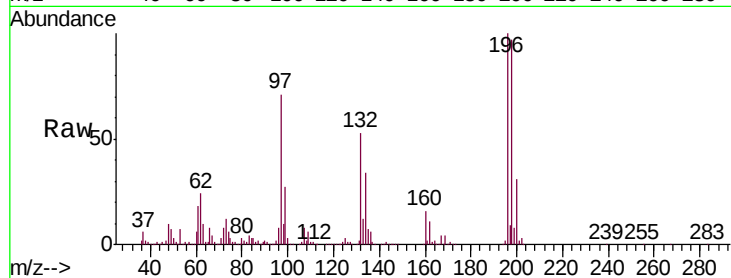
Tot Ion:196 Resp: 392072

Ion Ratio Lower Upper

196 100

198 96.6 79.1 118.7

200 30.6 24.0 36.0

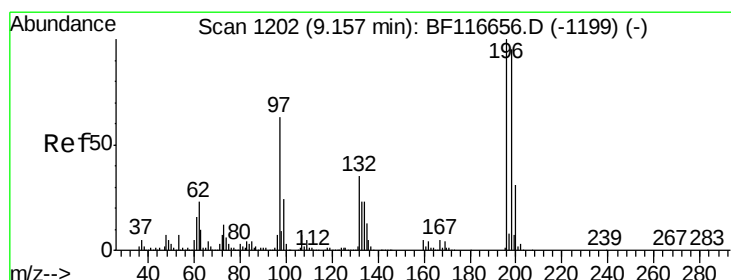
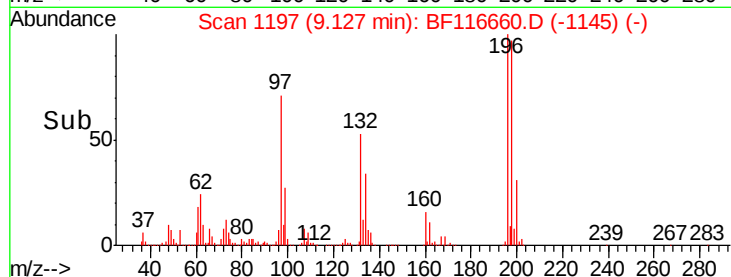
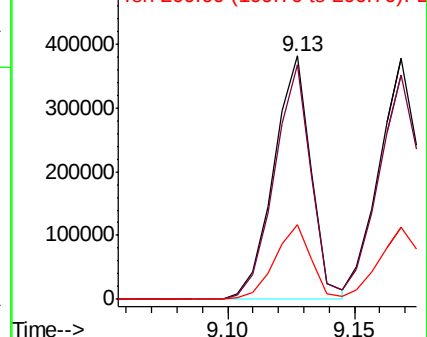


Abundance

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: 89.953 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:196 Resp: 400970

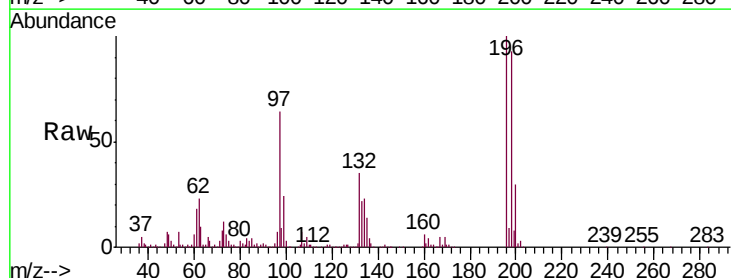
Ion Ratio Lower Upper

196 100

198 93.4 78.1 117.1

97 64.3 41.6 62.4#

132 34.6 23.5 35.3



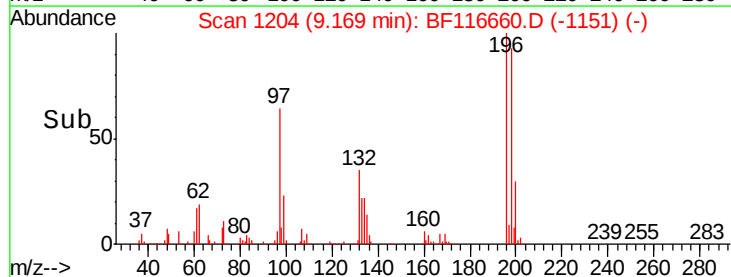
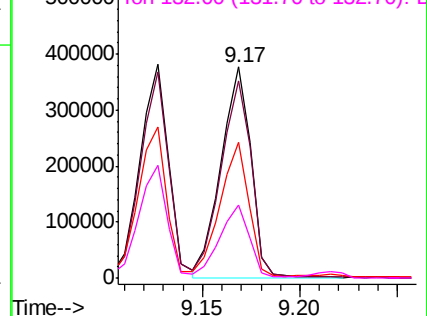
Abundance

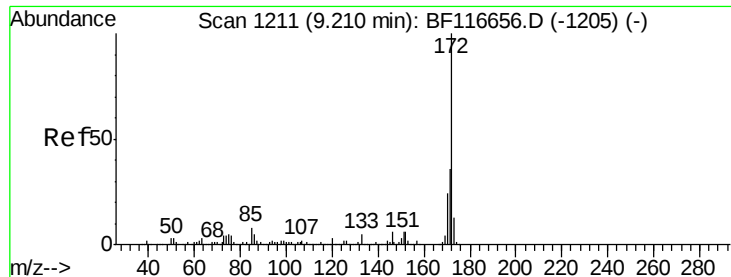
Ion 196.00 (195.70 to 196.70): E

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

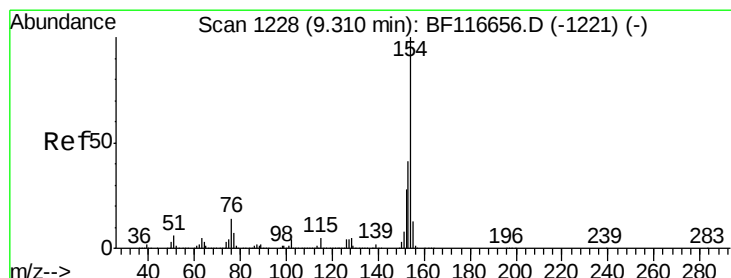
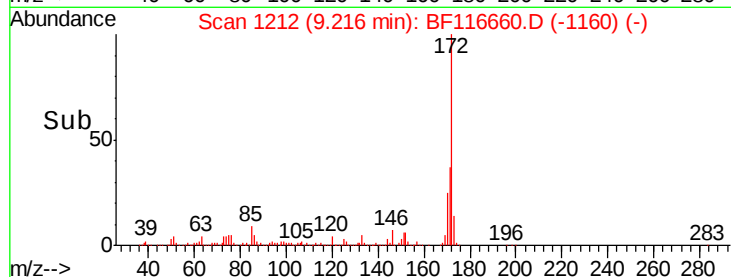
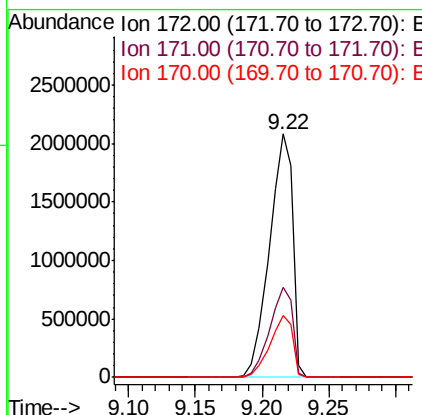
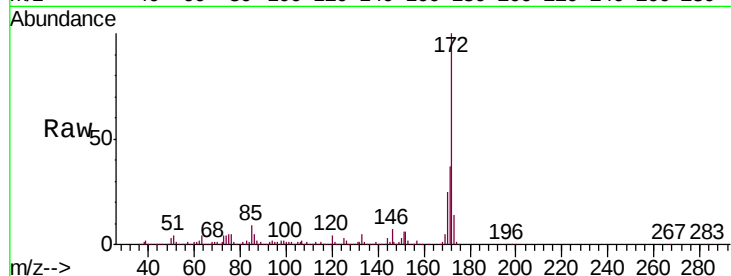




#45
2-Fluorobiphenyl
Concen: 160.039 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

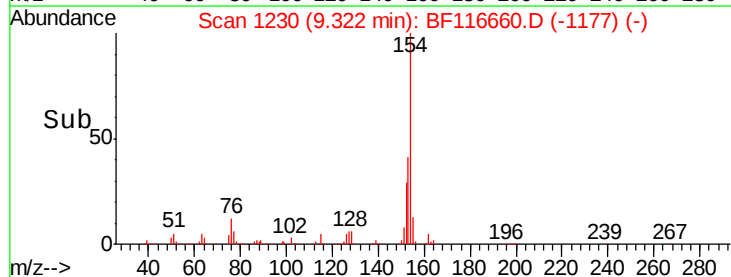
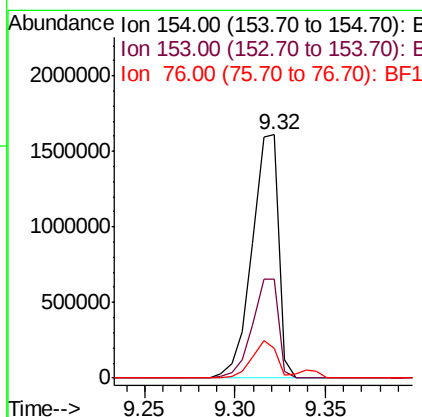
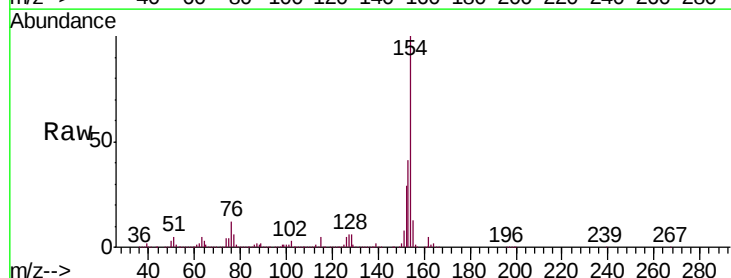
Instrument :
BNA_F
ClientSampled :

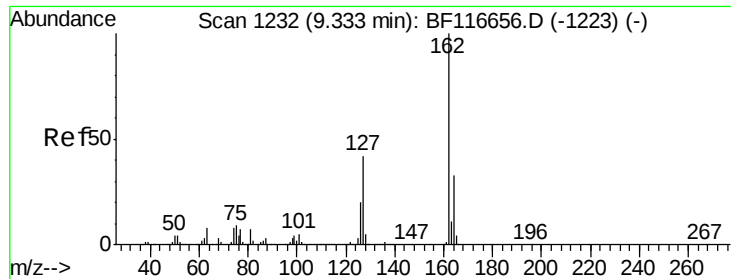
Tot Ion:172 Resp: 2515096
Ion Ratio Lower Upper
172 100
171 37.2 27.8 41.6
170 25.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 82.032 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:154 Resp: 1645323
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 12.2 0.0 30.9

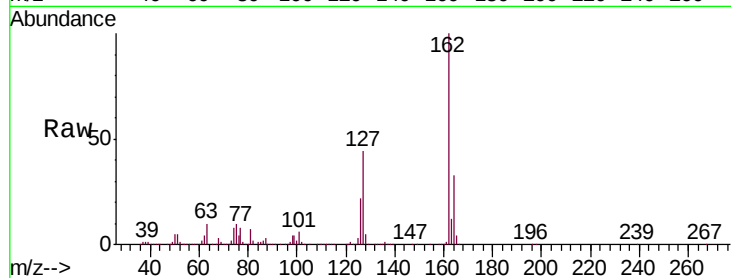




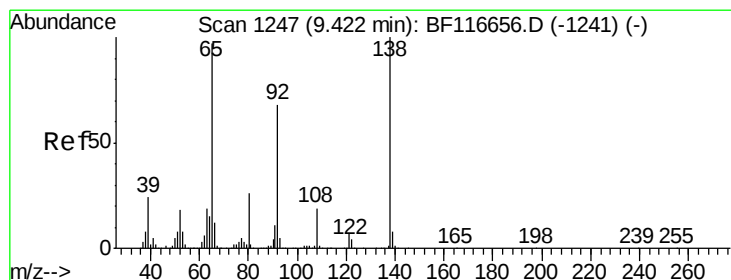
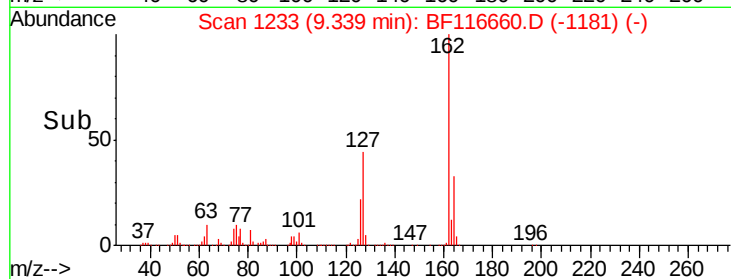
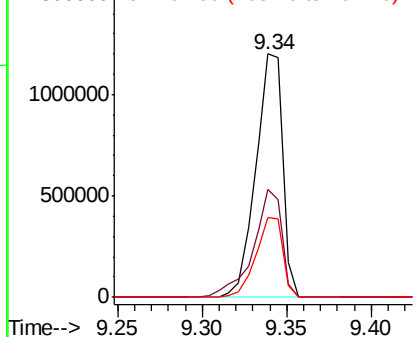
#47
2-Chloronaphthalene
Concen: 83.889 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1329035
Ion Ratio Lower Upper
162 100
127 44.4 33.4 50.2
164 33.0 26.6 39.8

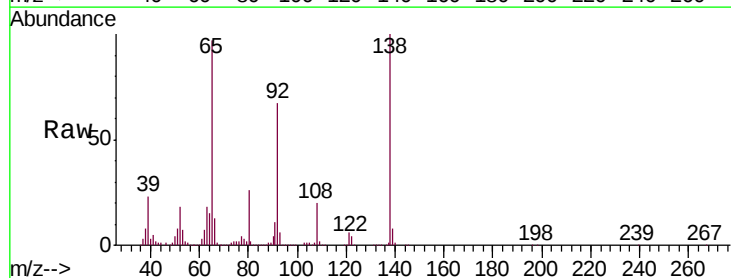


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

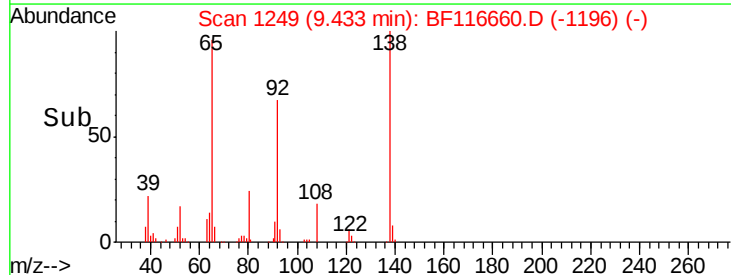
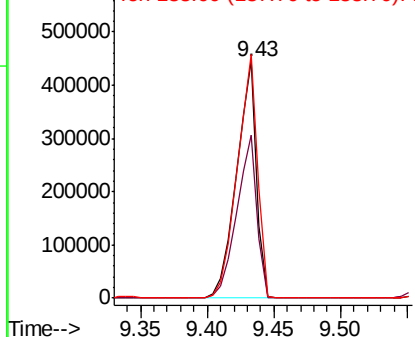


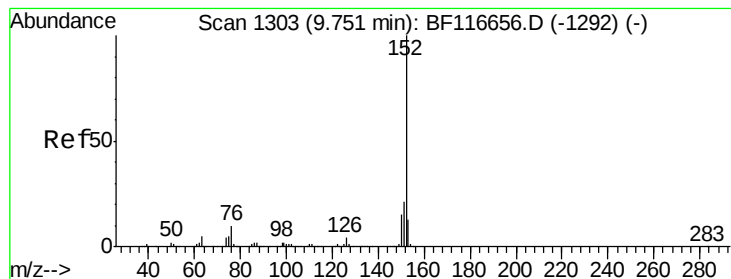
#48
2-Nitroaniline
Concen: 103.990 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion: 65 Resp: 462695
Ion Ratio Lower Upper
65 100
92 68.9 57.1 85.7
138 102.8 88.2 132.2



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: 82.169 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

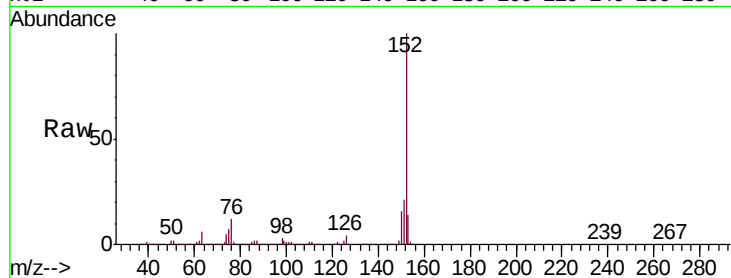
Tot Ion:152 Resp: 1972775

Ion Ratio Lower Upper

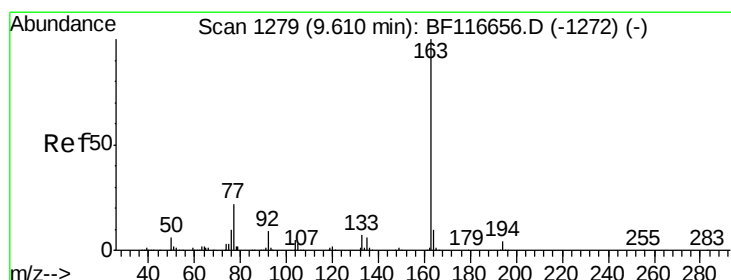
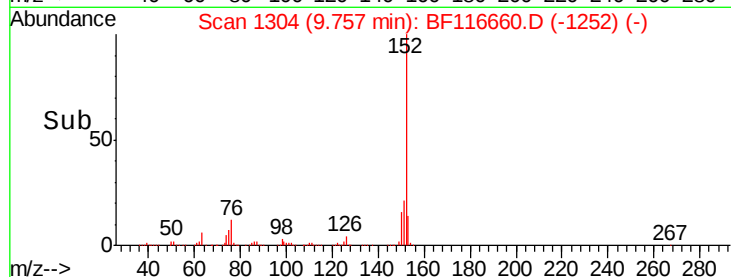
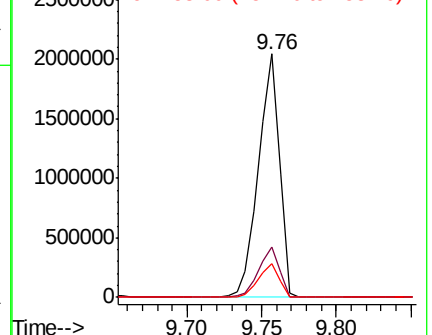
152 100

151 20.9 15.9 23.9

153 13.7 10.9 16.3



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: 86.735 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

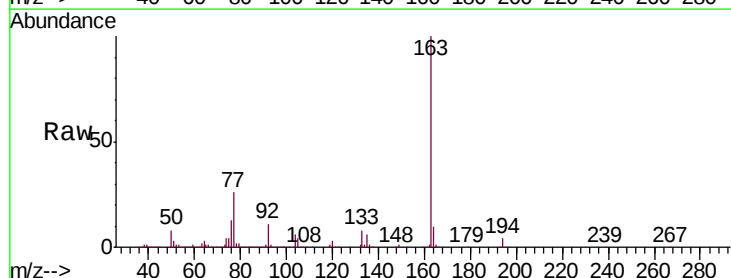
Tgt Ion:163 Resp: 1571953

Ion Ratio Lower Upper

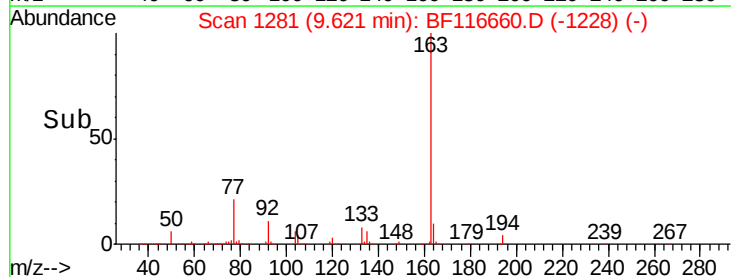
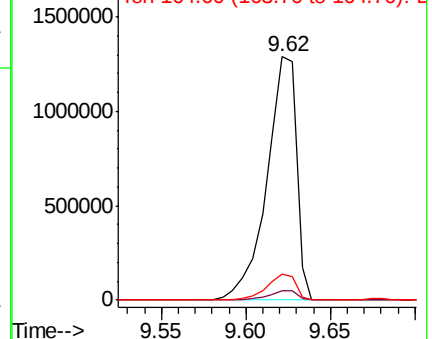
163 100

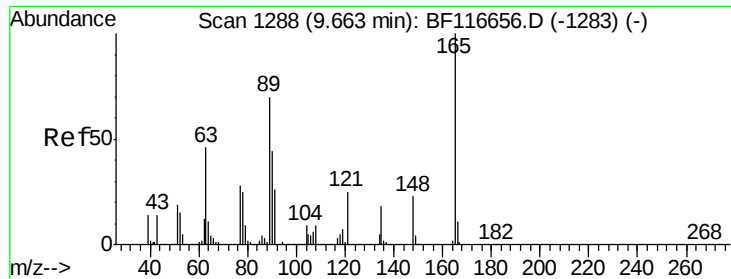
194 3.7 2.8 4.2

164 10.4 8.6 12.8



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

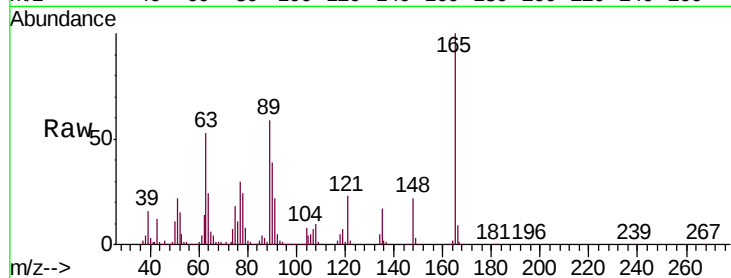




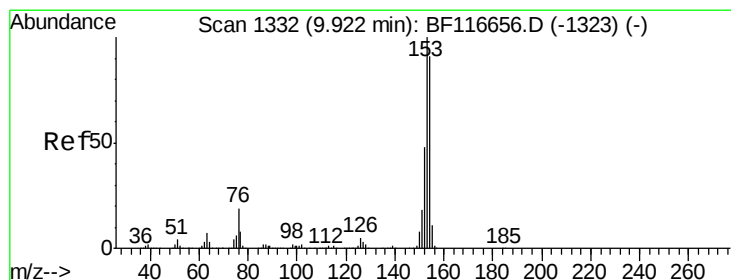
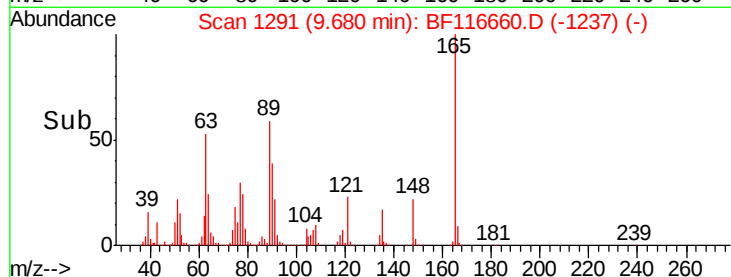
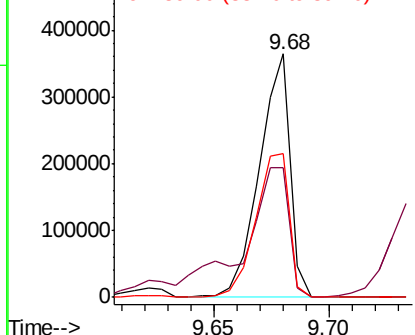
#51
 2,6-Dinitrotoluene
 Concen: 99.322 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 337263
 Ion Ratio Lower Upper
 165 100
 63 53.0 47.3 70.9
 89 59.2 52.5 78.7

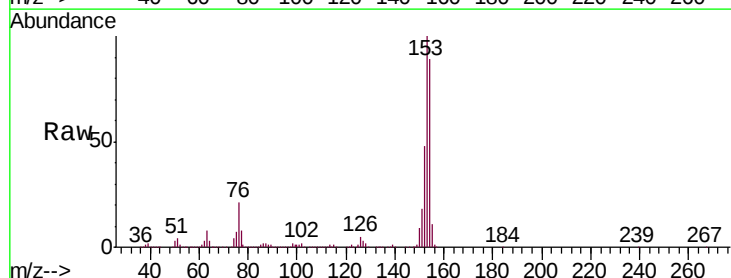


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

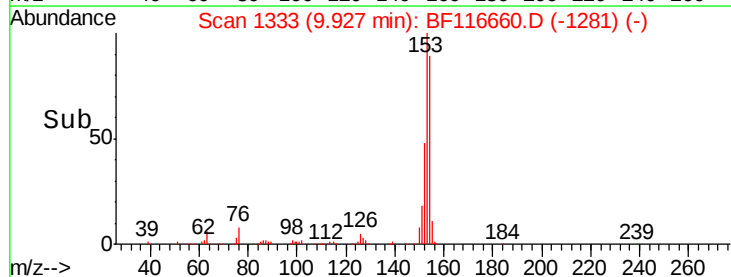
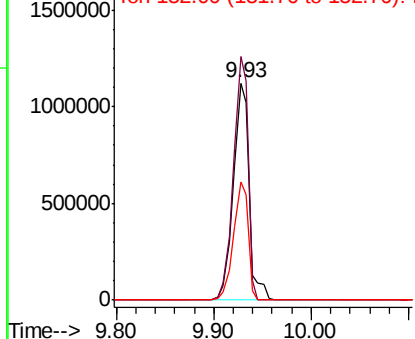


#52
 Acenaphthene
 Concen: 85.173 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:154 Resp: 1250947
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.5 134.3
 152 54.1 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

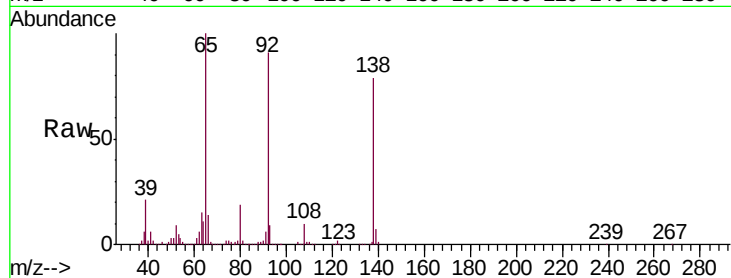




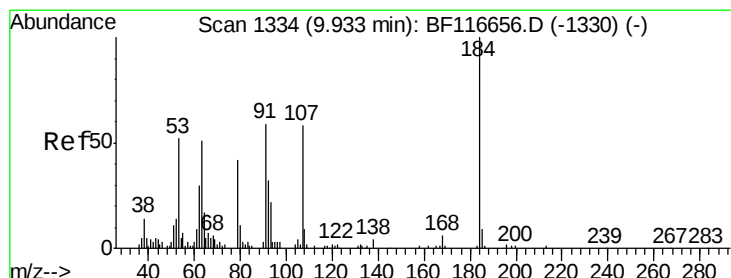
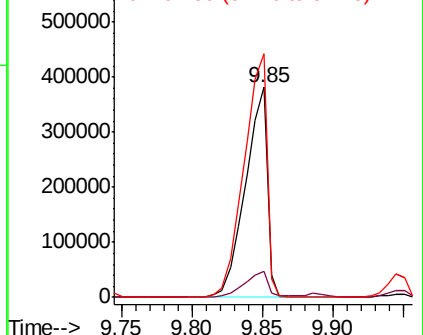
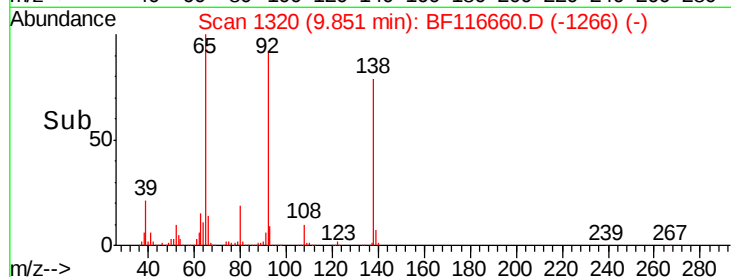
#53
3-Nitroaniline
Concen: 96.989 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 414112
Ion Ratio Lower Upper
138 100
108 12.4 8.5 12.7
92 115.8 87.2 130.8

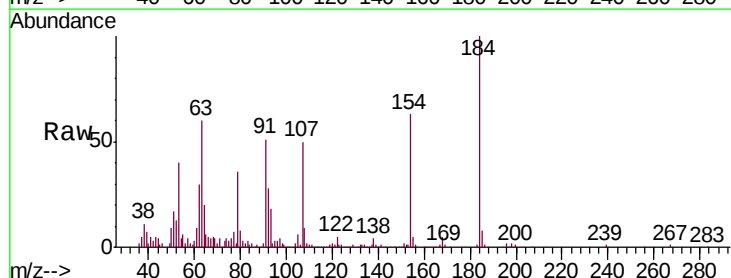


Abundance Ion 138.00 (137.70 to 138.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 92.00 (91.70 to 92.70): BF1

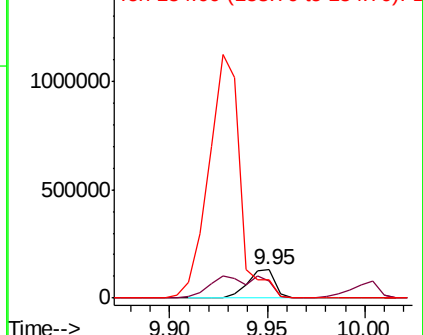
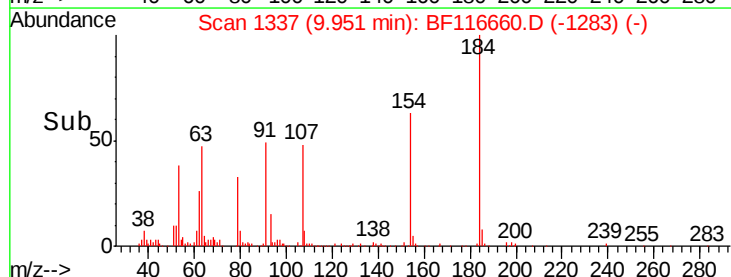


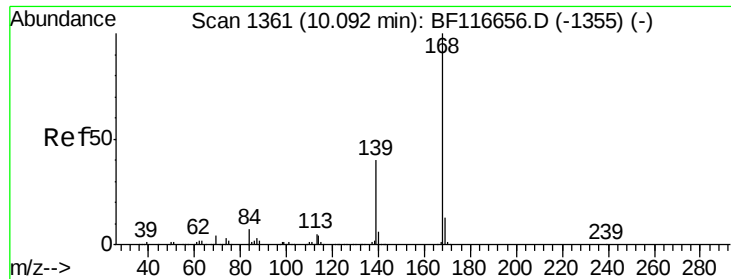
#54
2,4-Dinitrophenol
Concen: 132.119 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:184 Resp: 125894
Ion Ratio Lower Upper
184 100
63 60.4 52.2 78.2
154 63.3 60.8 91.2



Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 63.00 (62.70 to 63.70): BF1
1000000 Ion 154.00 (153.70 to 154.70): E

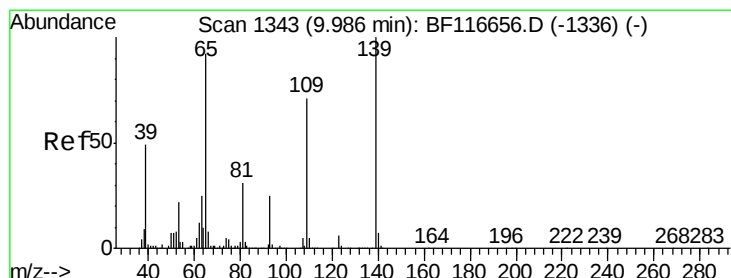
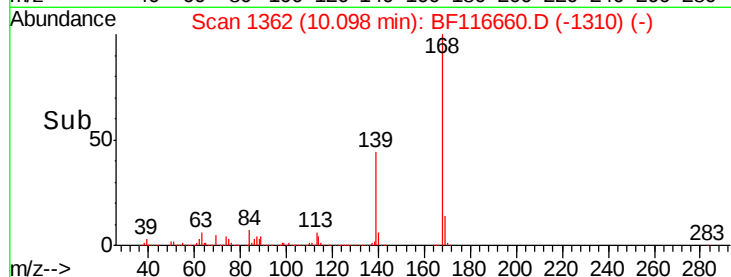
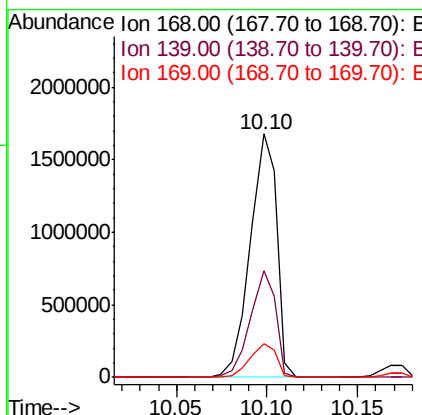
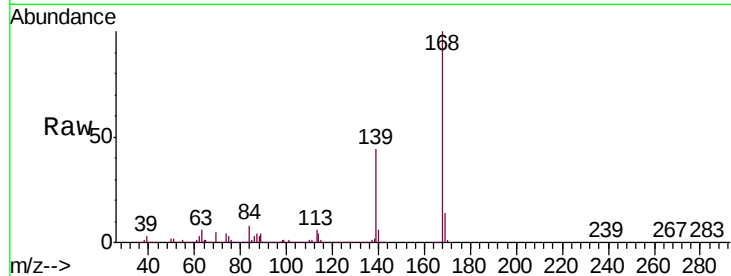




#55
Dibenzofuran
Concen: 82.188 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

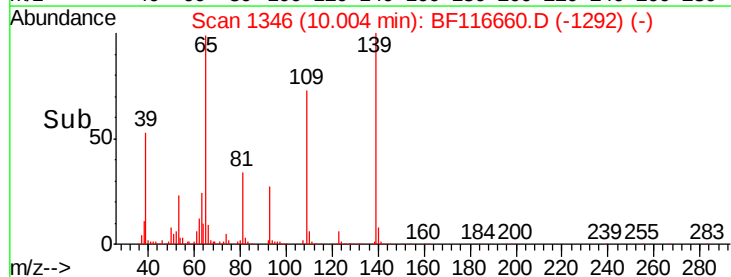
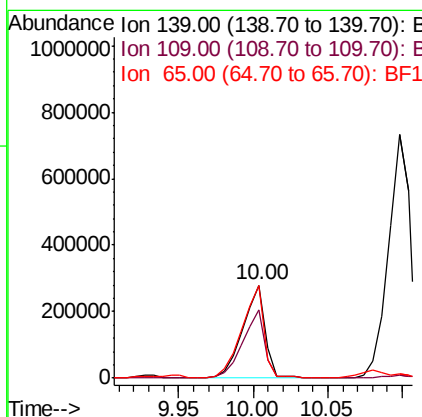
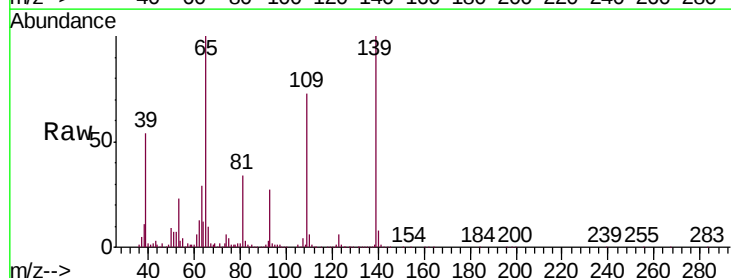
Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1709121
Ion Ratio Lower Upper
168 100
139 43.6 31.5 47.3
169 14.1 10.3 15.5



#56
4-Nitrophenol
Concen: 99.323 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:139 Resp: 289810
Ion Ratio Lower Upper
139 100
109 73.4 61.7 101.7
65 99.5 89.1 129.1

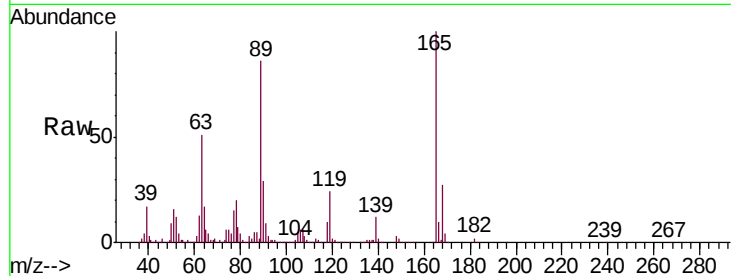




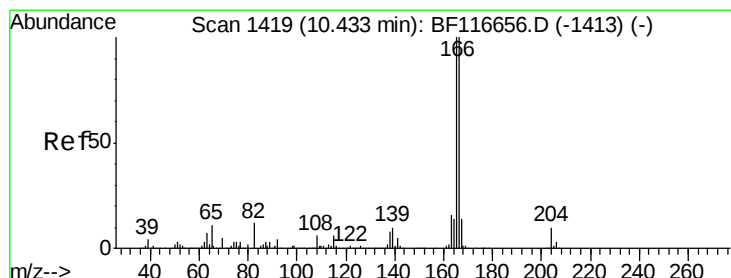
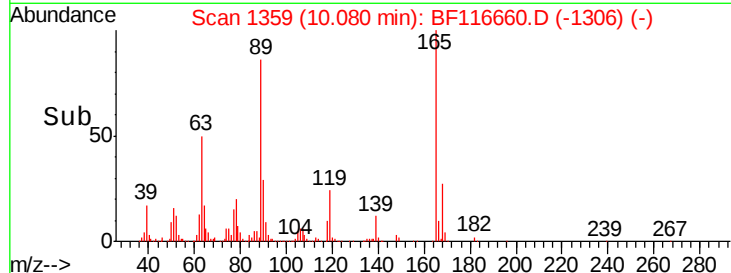
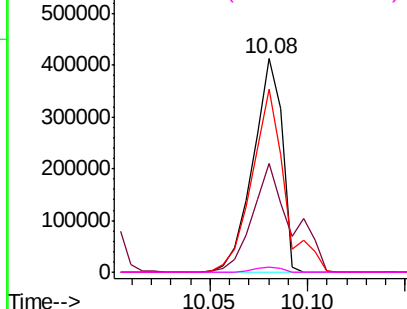
#57
 2,4-Dinitrotoluene
 Concen: 103.214 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 426176
 Ion Ratio Lower Upper
 165 100
 63 50.8 36.4 54.6
 89 85.7 62.6 94.0
 182 2.4 2.1 3.1

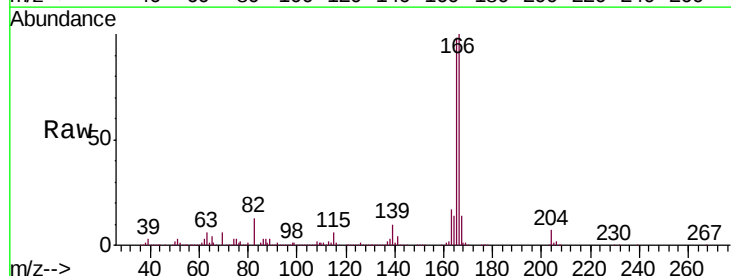


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

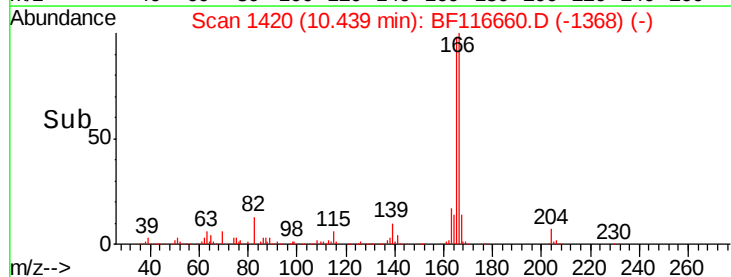
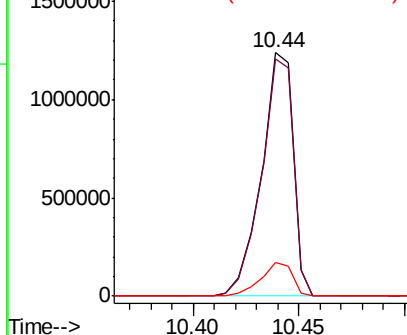


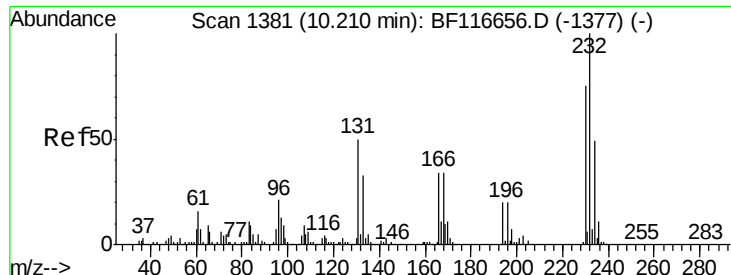
#58
 Fluorene
 Concen: 81.934 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:166 Resp: 1298773
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 13.6 10.0 15.0



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

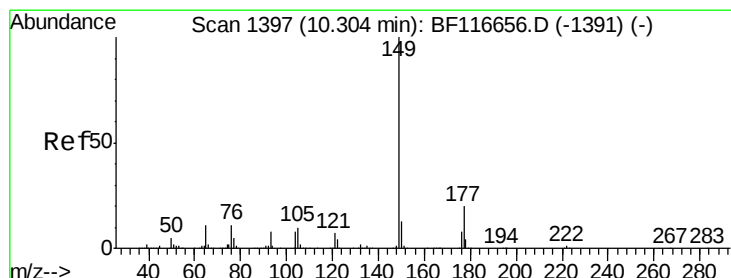
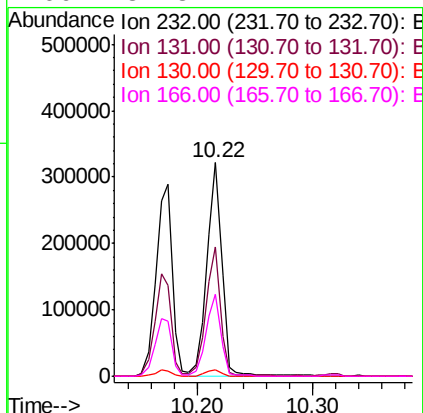
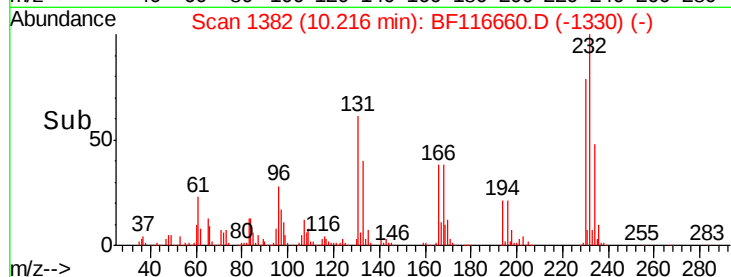
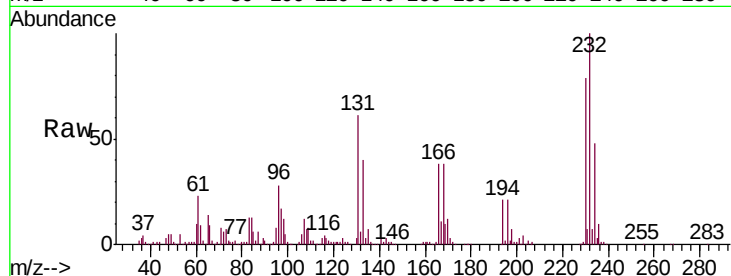




#59
2,3,4,6-Tetrachlorophenol
Concen: 90.624 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

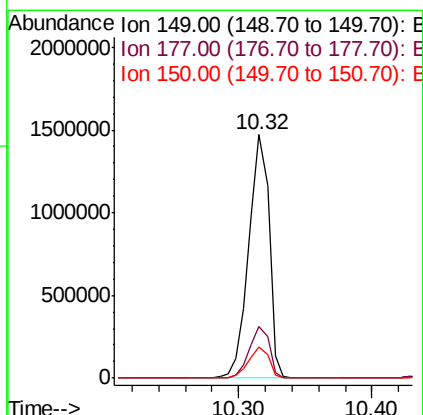
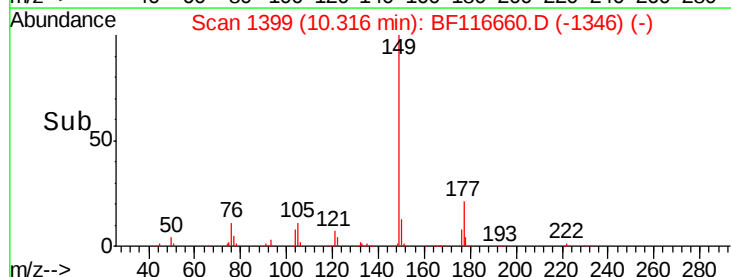
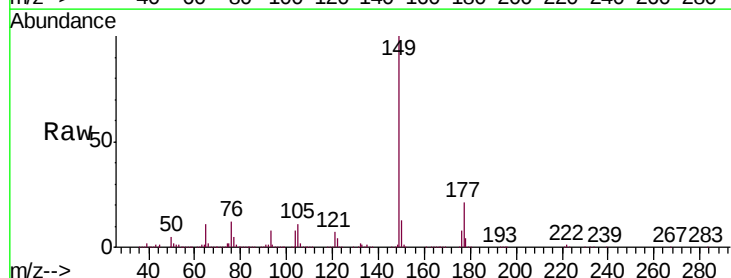
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.6	42.7	64.1
130	3.0	1.9	2.9
166	37.3	27.4	41.2



#60
Diethylphthalate
Concen: 84.193 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.7	9.7	14.5

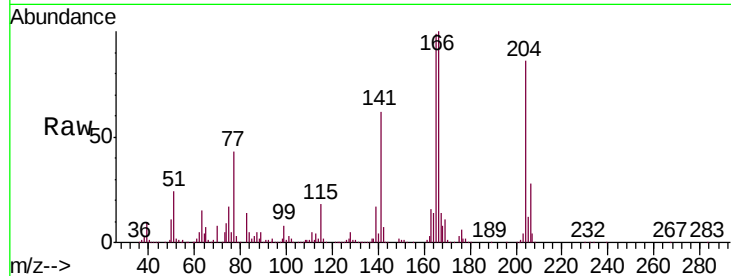




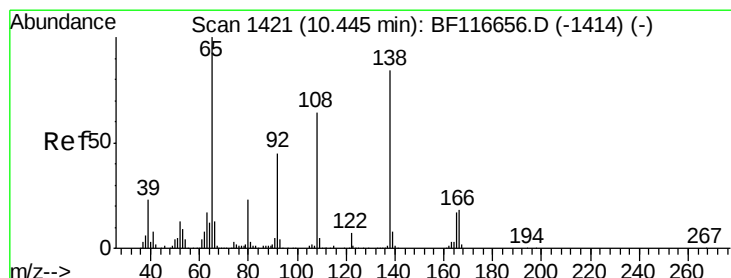
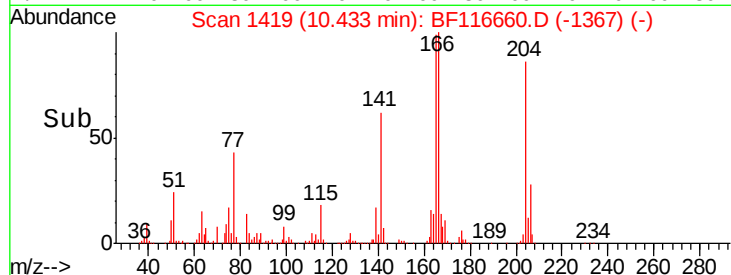
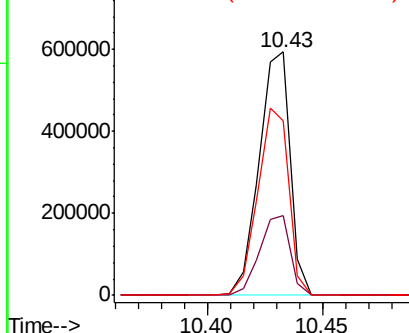
#61
4-Chlorophenyl-phenylether
Concen: 80.032 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 557071
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.2
141 71.5 53.8 80.8

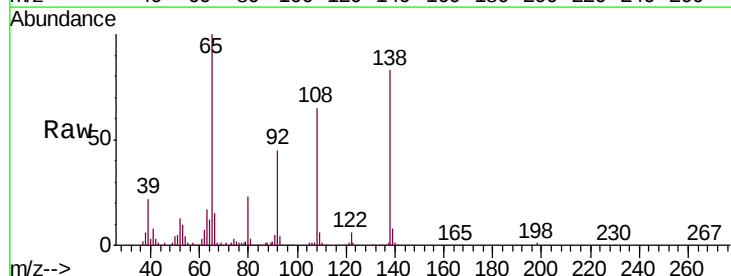


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

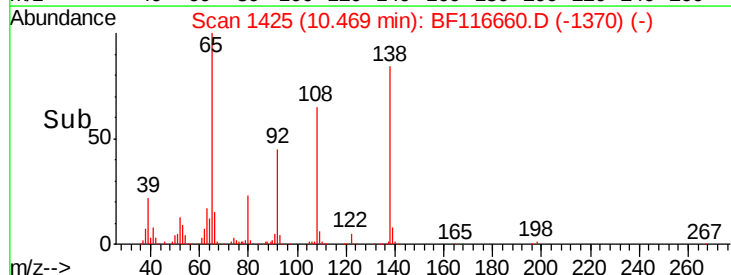
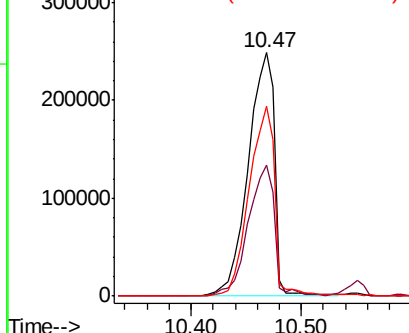


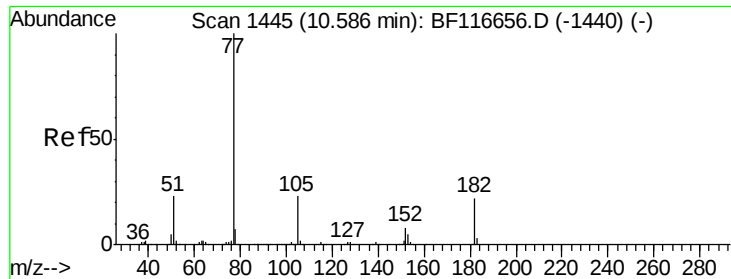
#62
4-Nitroaniline
Concen: 101.475 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:138 Resp: 417778
Ion Ratio Lower Upper
138 100
92 53.6 28.7 68.7
108 78.2 60.4 100.4



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



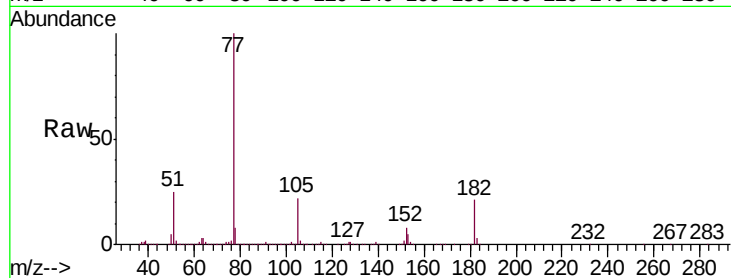


#63
Azobenzene
Concen: 85.623 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1623482

Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.2	41.2
105	22.0	0.6	40.6
51	25.4	8.2	48.2

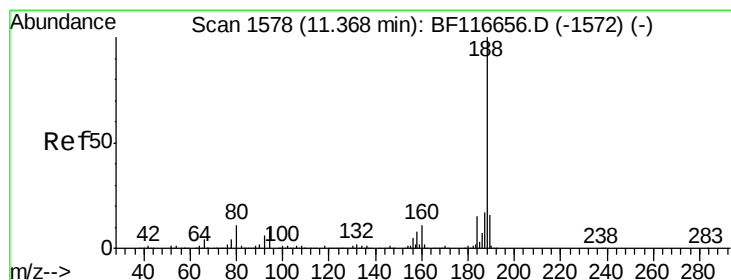
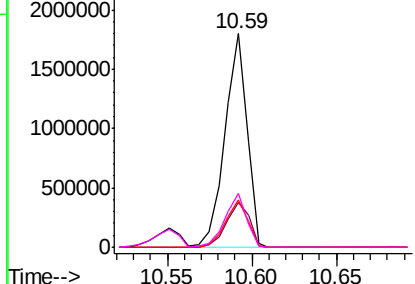
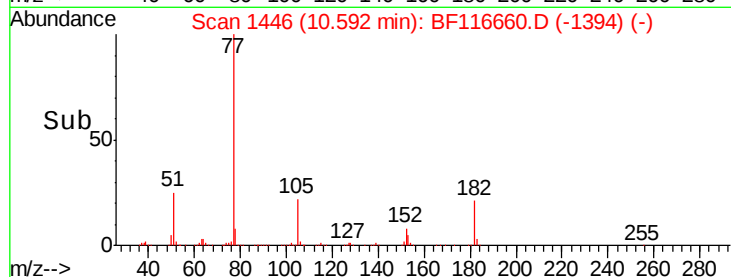


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

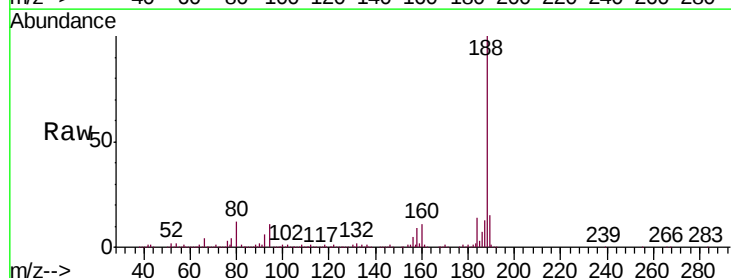
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion: 188 Resp: 395773

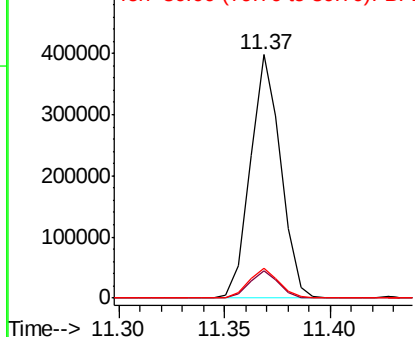
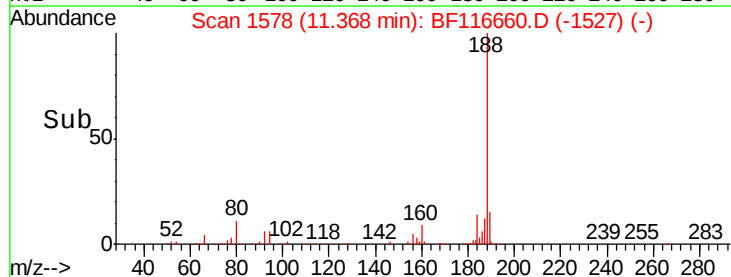
Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.3	10.9#
80	12.0	8.4	12.6

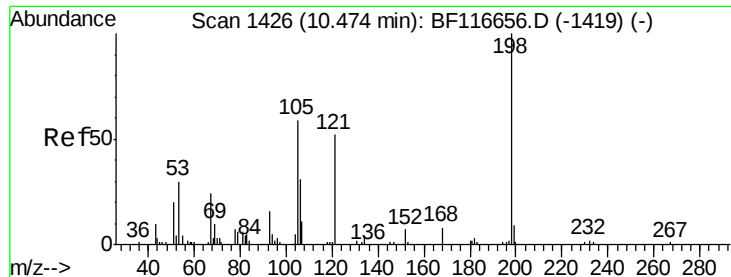


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

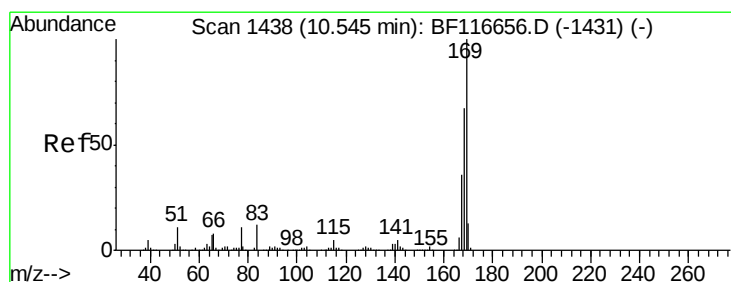
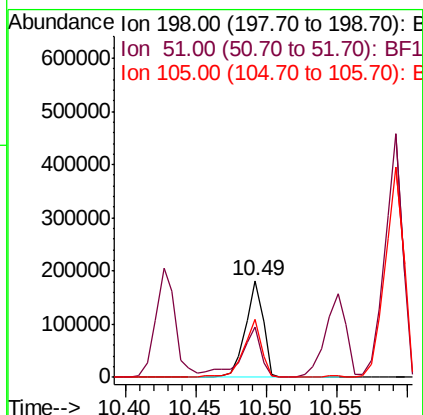
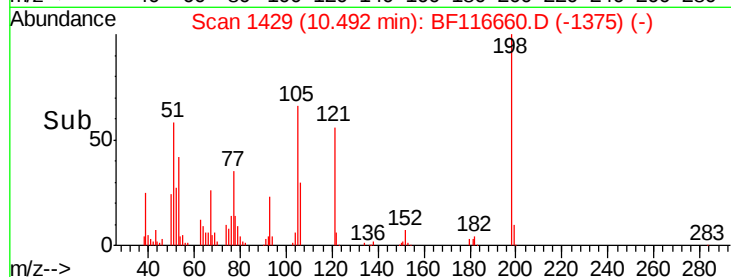
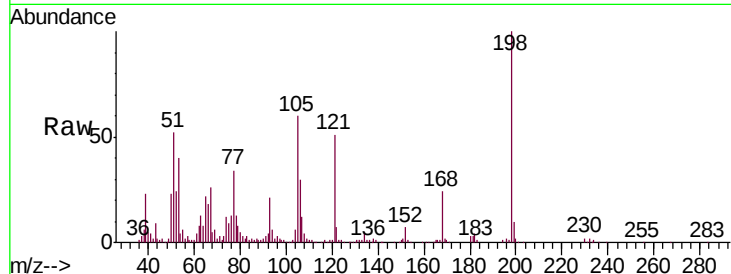




#65
4,6-Dinitro-2-methylphenol
Concen: 124.784 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

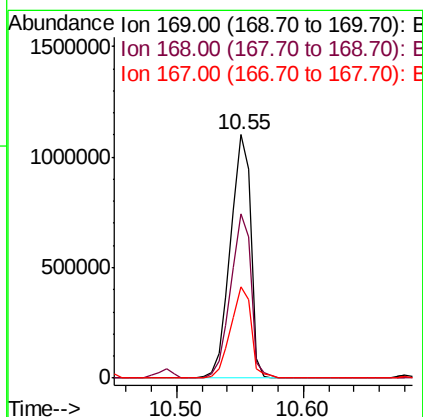
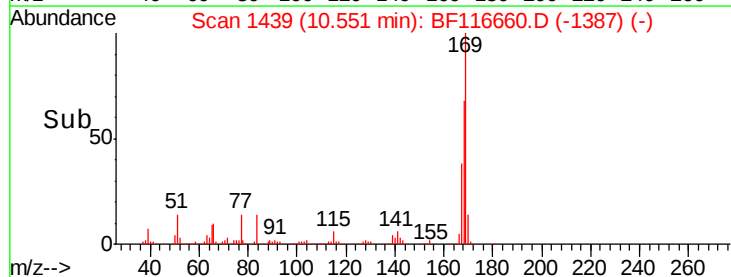
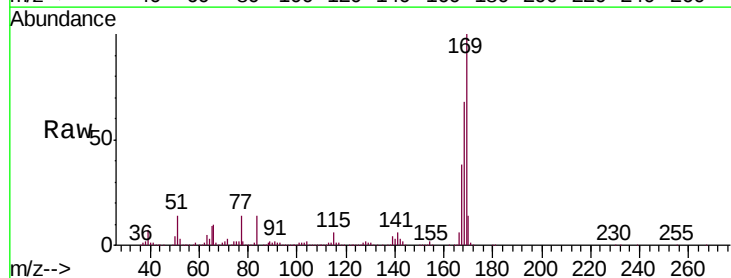
Instrument :
BNA_F
ClientSampleId :

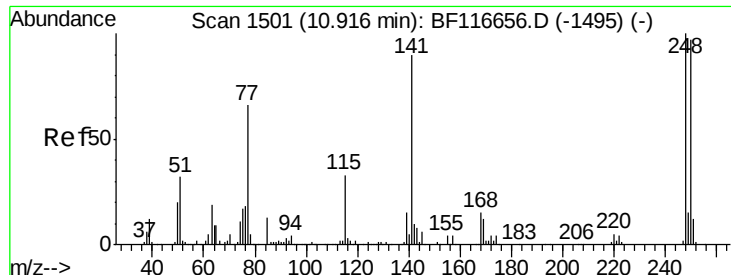
Tot Ion:198 Resp: 161085
Ion Ratio Lower Upper
198 100
51 52.4 18.4 58.4
105 59.7 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 86.616 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:169 Resp: 1208989
Ion Ratio Lower Upper
169 100
168 67.6 55.8 83.6
167 37.6 29.4 44.2

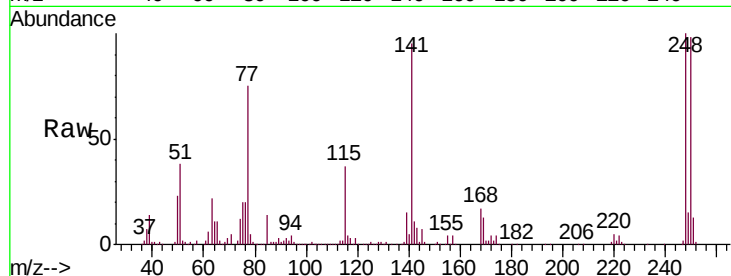




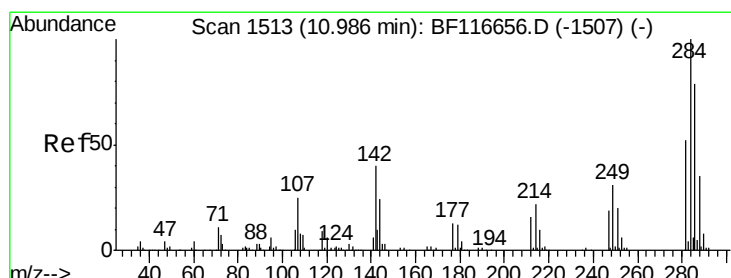
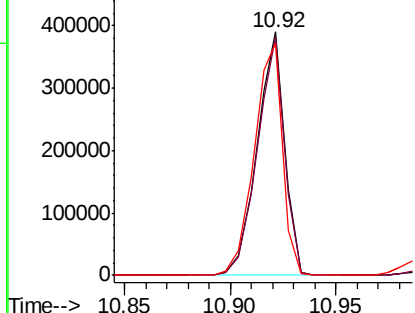
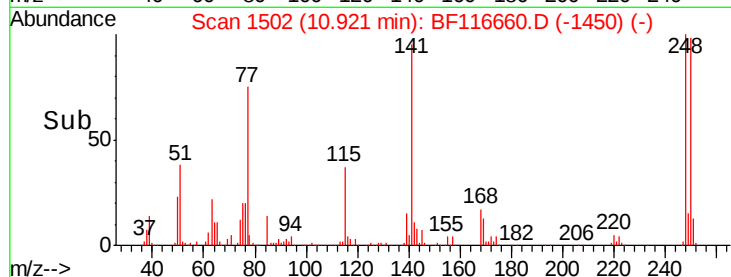
#67
 4-Bromophenyl-phenylether
 Concen: 85.728 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 351845
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.8 116.8
 141 95.1 75.9 113.9

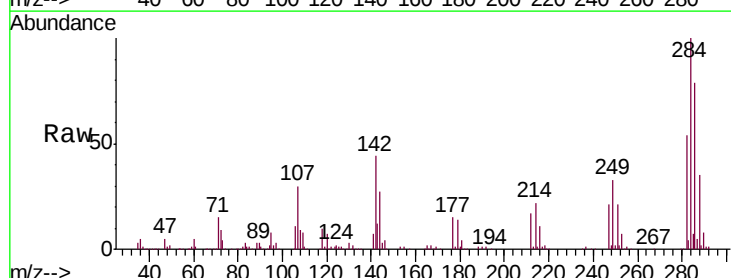


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

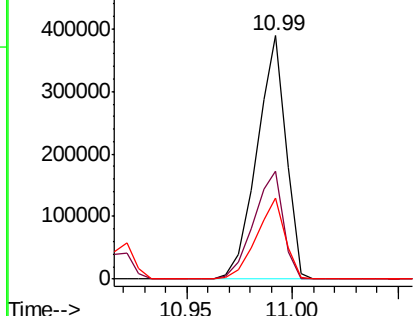
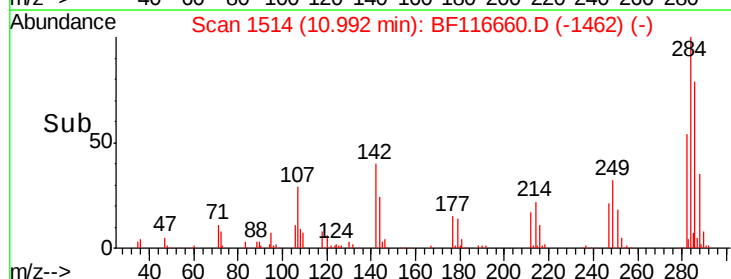


#68
 Hexachlorobenzene
 Concen: 86.505 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:284 Resp: 371039
 Ion Ratio Lower Upper
 284 100
 142 44.4 34.0 51.0
 249 33.0 26.4 39.6



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: 80.738 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

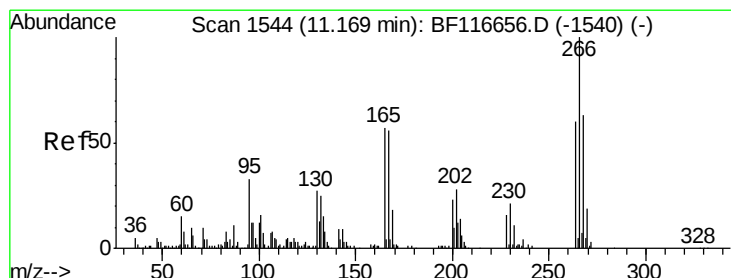
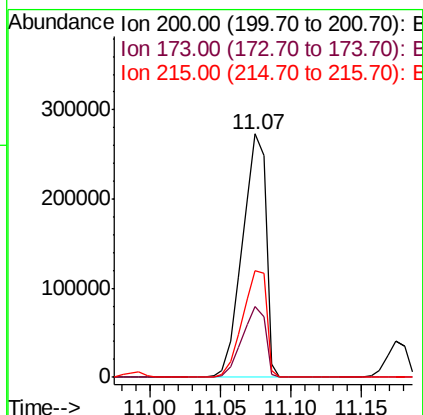
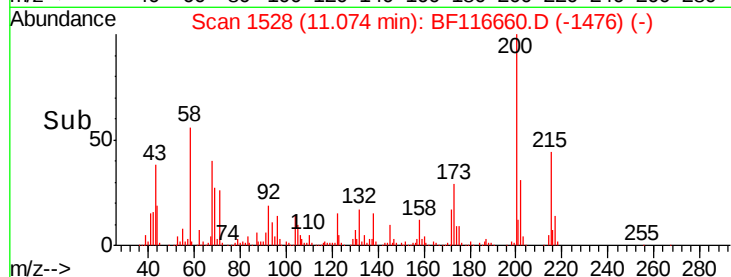
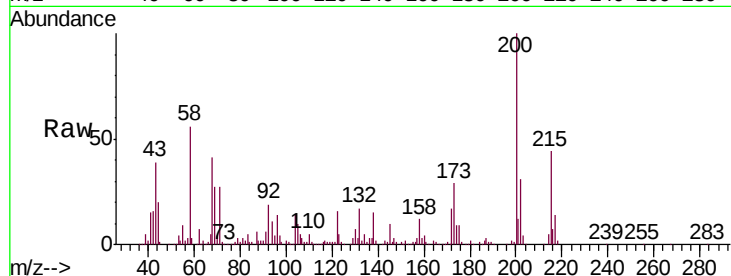
Tot Ion:200 Resp: 318352

Ion Ratio Lower Upper

200 100

173 29.2 6.2 46.2

215 44.0 24.3 64.3



#70

Pentachlorophenol

Concen: 99.478 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

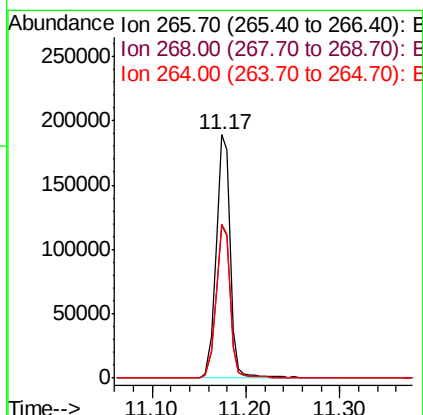
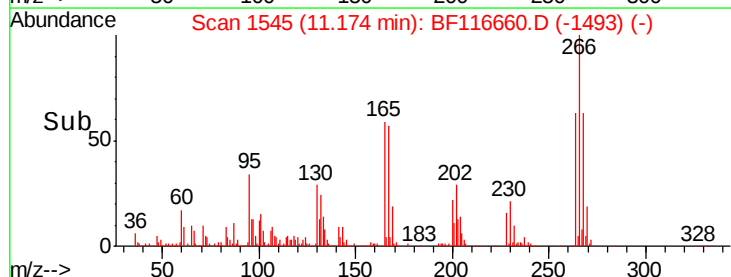
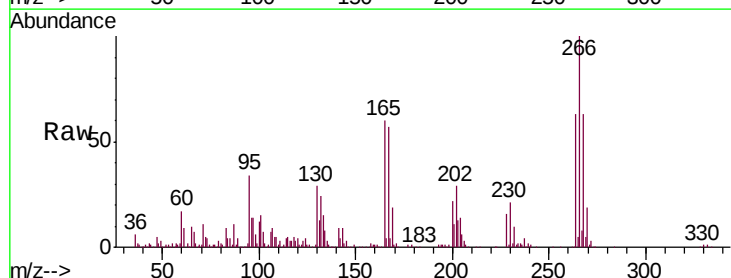
Tgt Ion:266 Resp: 202578

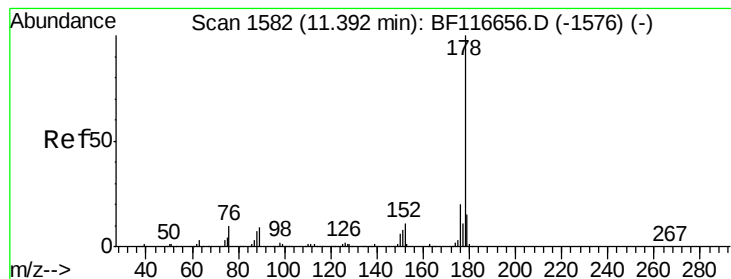
Ion Ratio Lower Upper

266 100

268 62.8 51.2 76.8

264 63.4 51.9 77.9





#71

Phenanthrene

Concen: 83.003 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

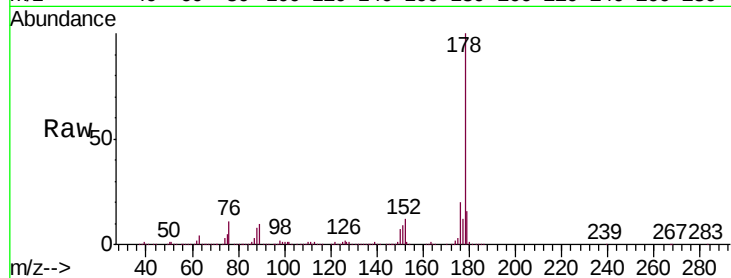
Tot Ion:178 Resp: 1874160

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

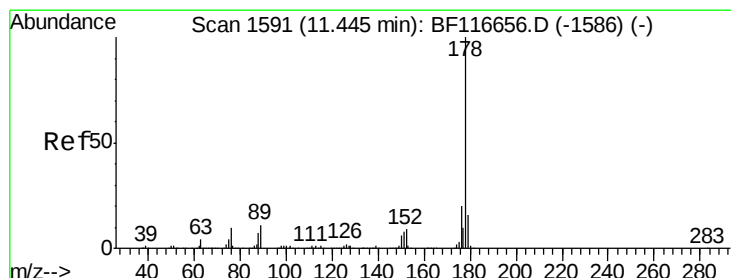
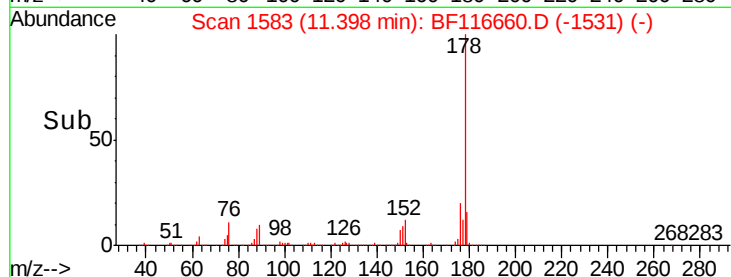
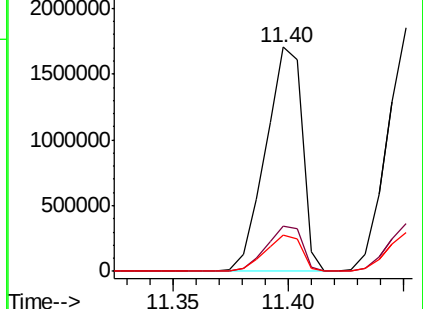
179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 83.264 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

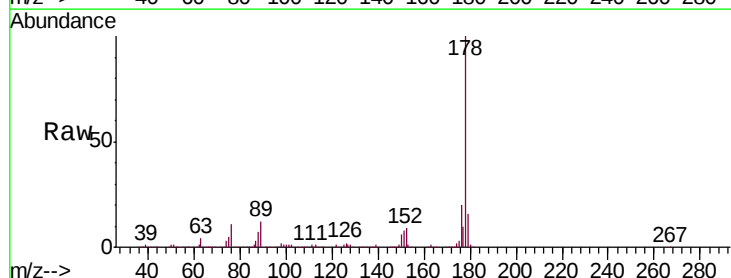
Tgt Ion:178 Resp: 1891819

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

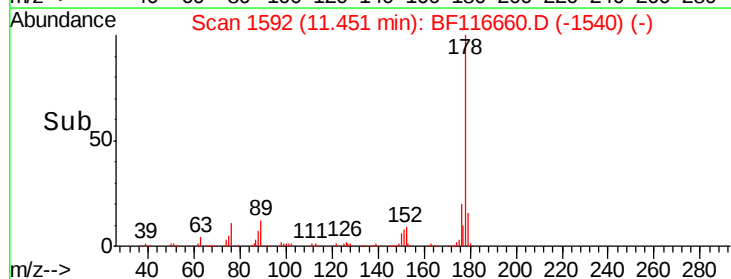
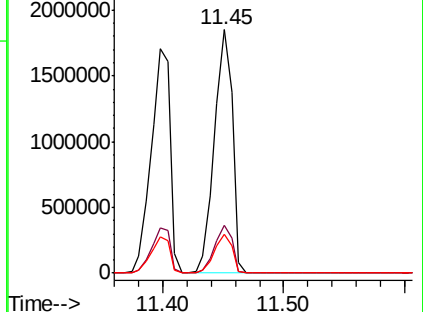
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



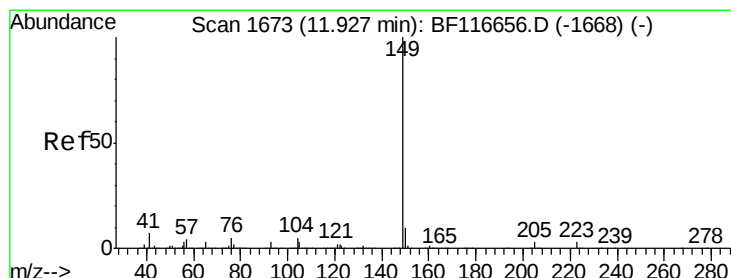
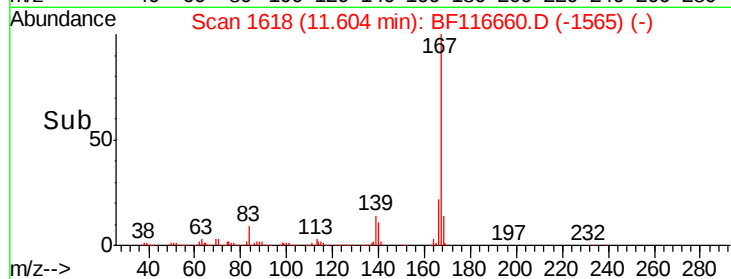
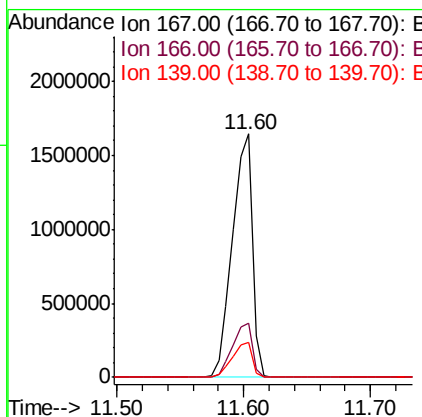
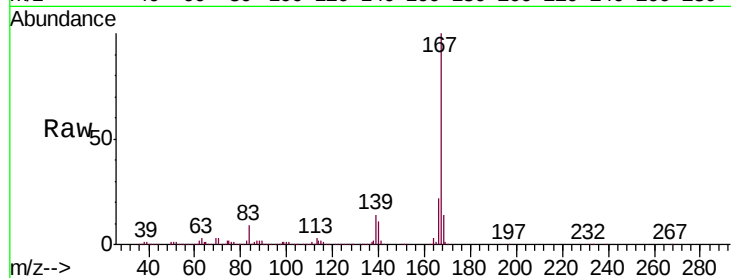


#73
 Carbazole
 Concen: 82.504 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1787617

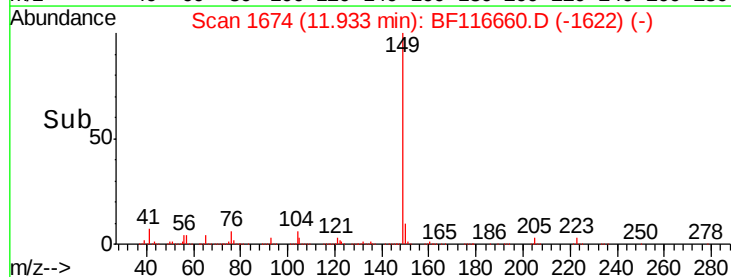
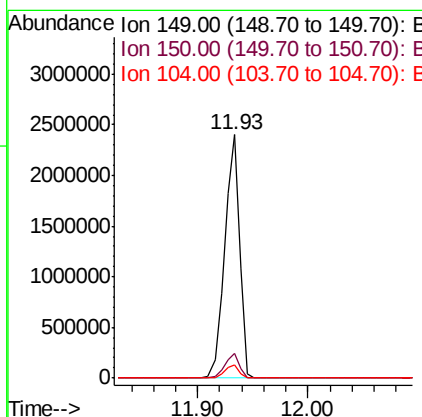
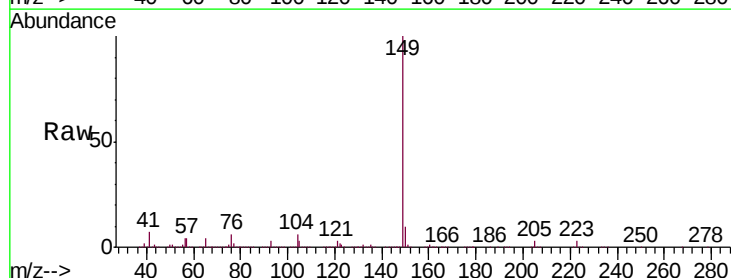
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	14.3	11.1	16.7

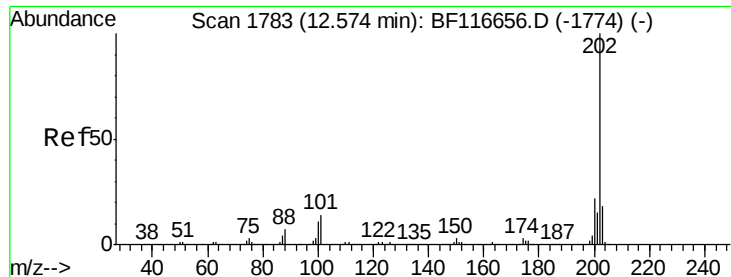


#74
 Di-n-butylphthalate
 Concen: 81.122 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:149 Resp: 2257858

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.2	10.8
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 79.869 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

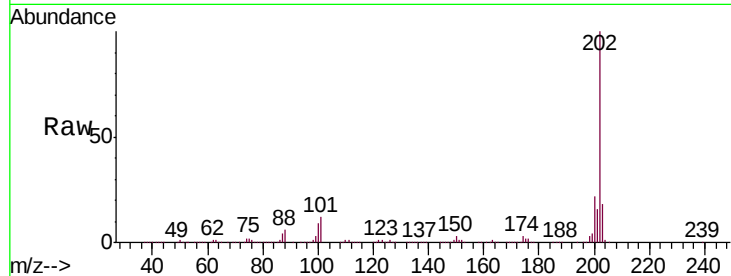
Tot Ion:202 Resp: 1780472

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

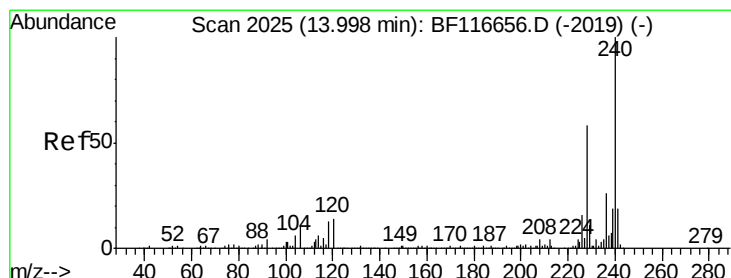
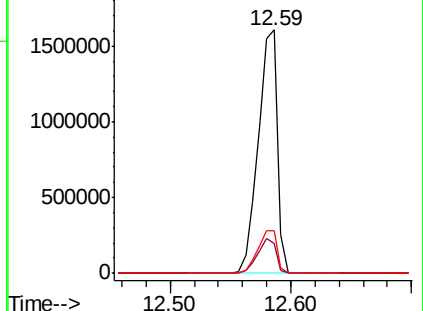
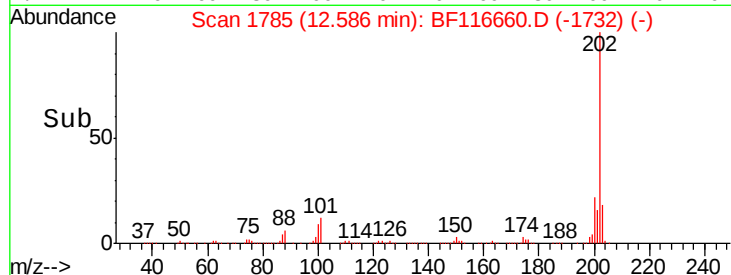
203 17.6 0.0 37.6



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: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

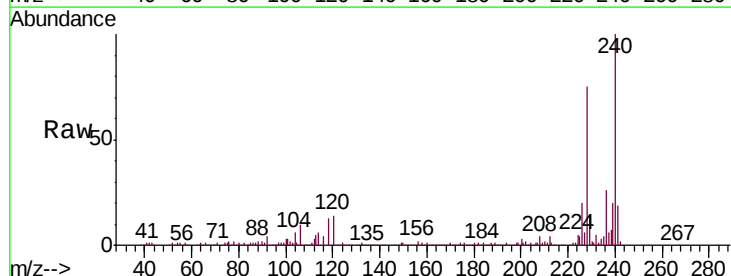
Tgt Ion:240 Resp: 209447

Ion Ratio Lower Upper

240 100

120 14.2 9.1 13.7#

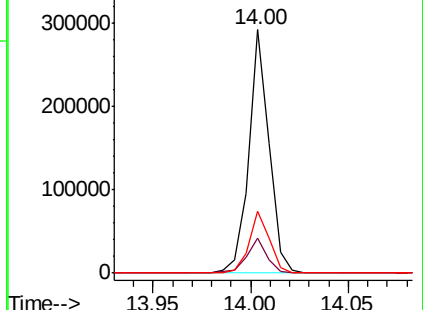
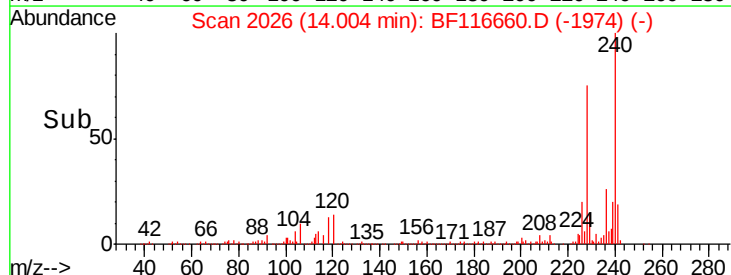
236 25.5 21.1 31.7

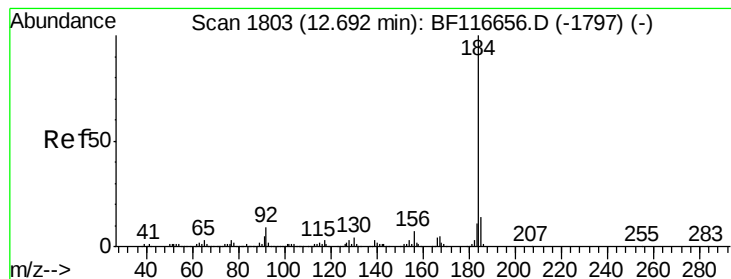


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 76.795 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

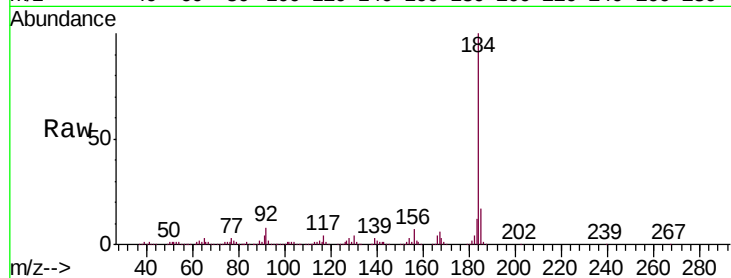
Tot Ion:184 Resp: 652505

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.3	16.9
183	11.9	9.2	13.8

184 100

185 17.1 11.3 16.9

183 11.9 9.2 13.8

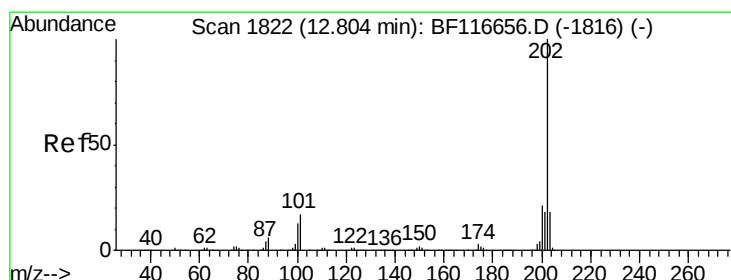
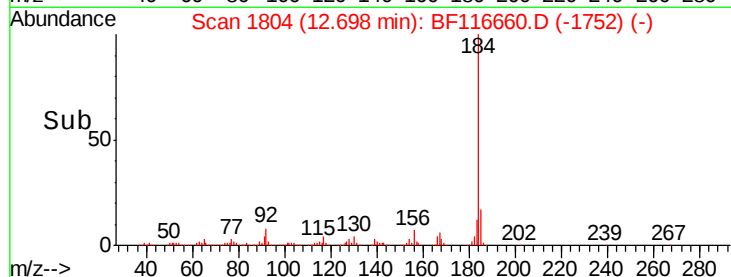
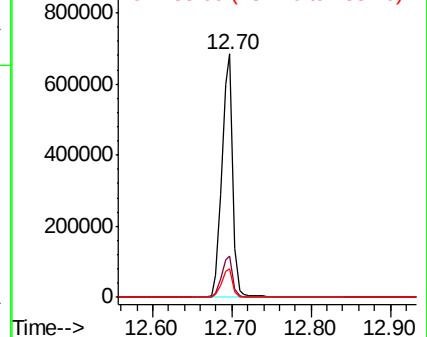


Abundance

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: 95.156 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

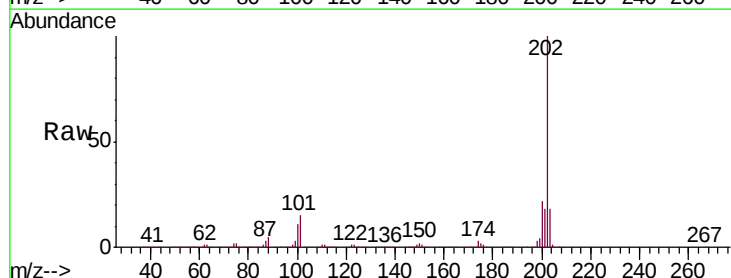
Tgt Ion:202 Resp: 1784003

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.5	24.7
203	17.9	13.7	20.5

202 100

200 22.2 16.5 24.7

203 17.9 13.7 20.5

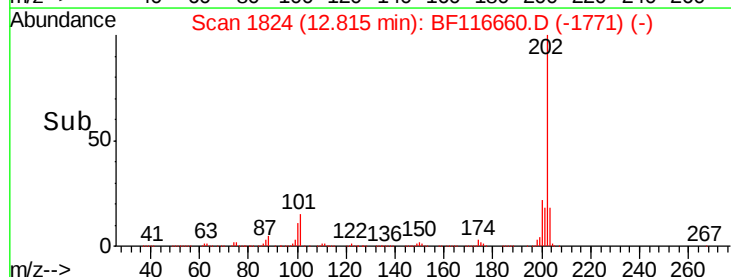
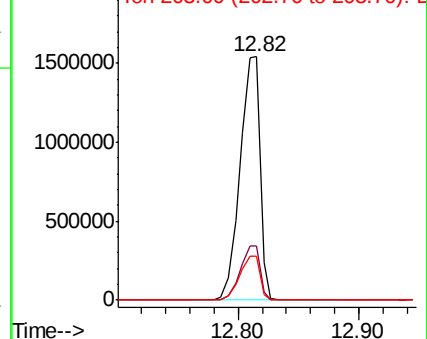


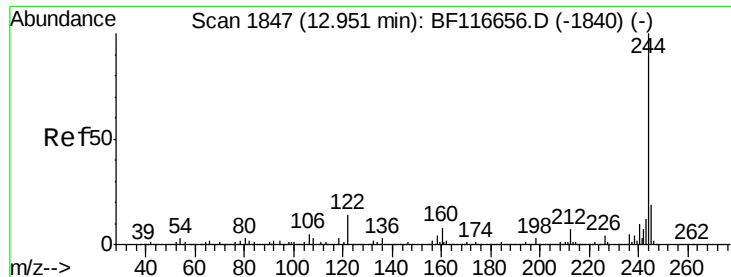
Abundance

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



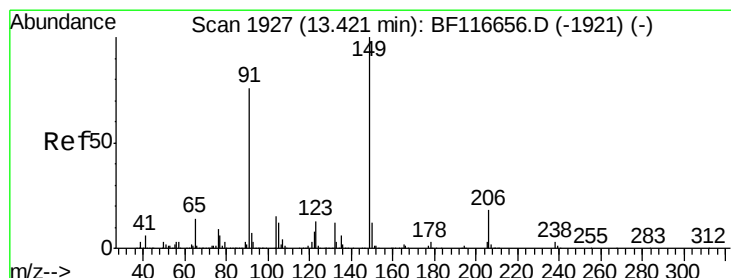
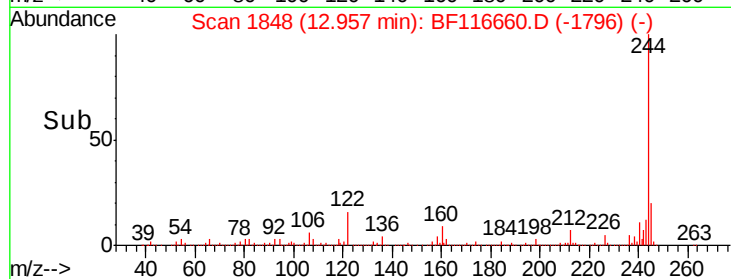
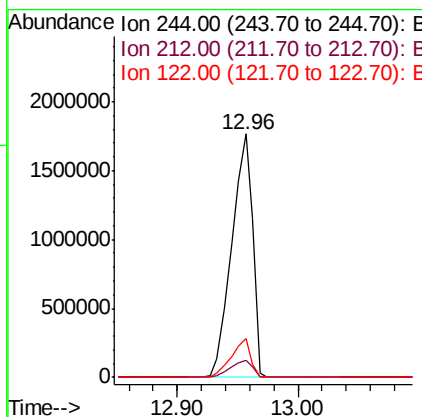
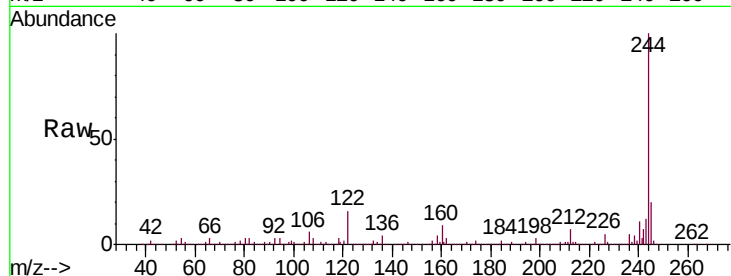


#79
 Terphenyl-d14
 Concen: 185.299 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2120189

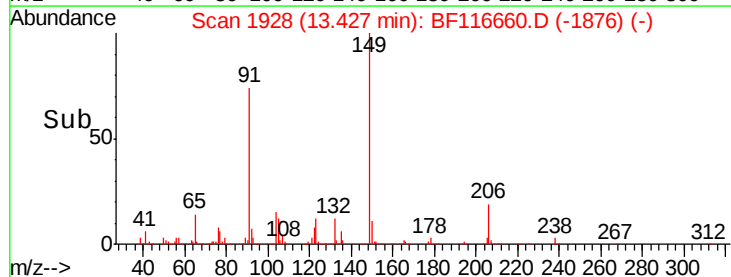
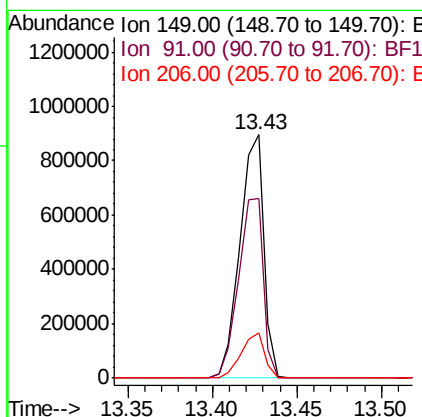
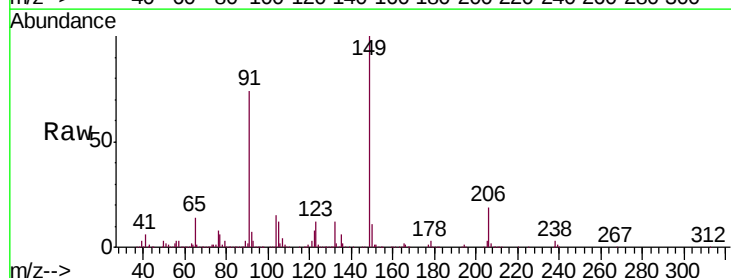
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	15.9	10.2	15.4

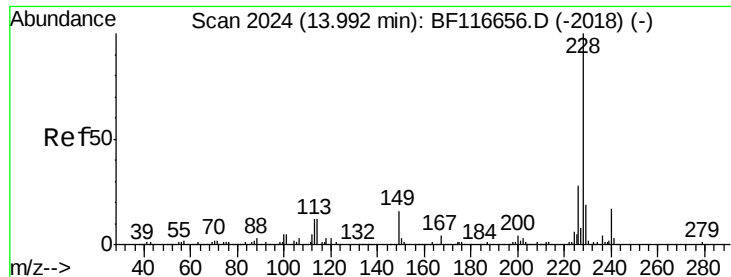


#80
 Butylbenzylphthalate
 Concen: 97.163 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:149 Resp: 883310

Ion	Ratio	Lower	Upper
149	100		
91	73.8	61.0	91.4
206	18.6	14.8	22.2

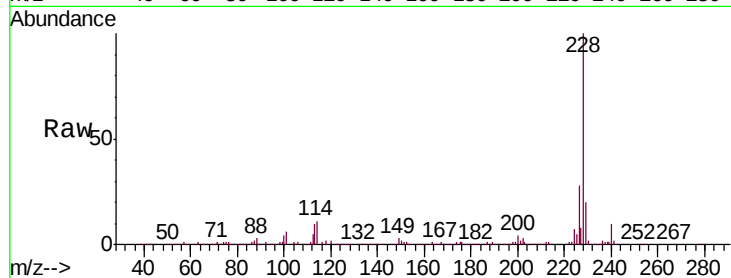




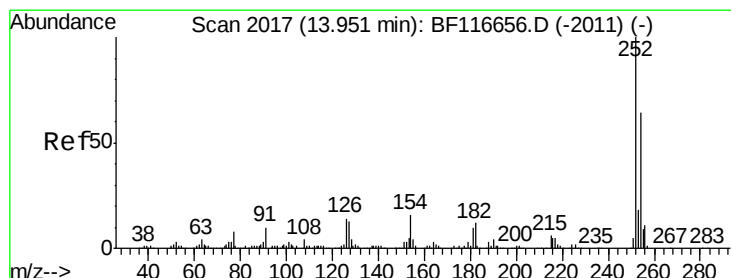
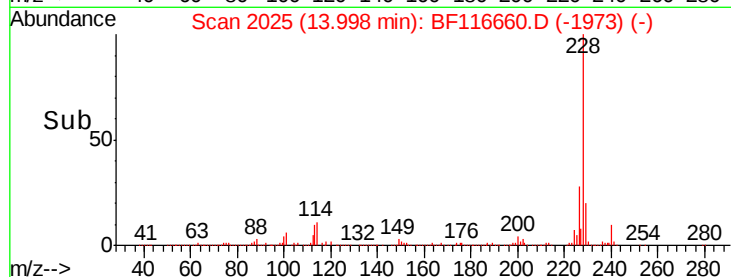
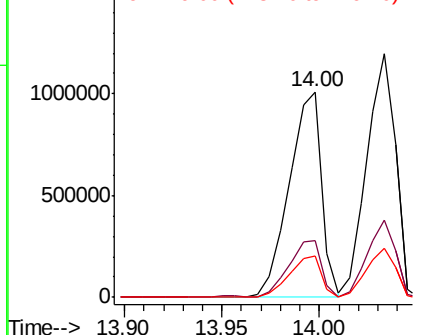
#81
Benzo(a)anthracene
Concen: 85.608 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1158632
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.0 16.4 24.6

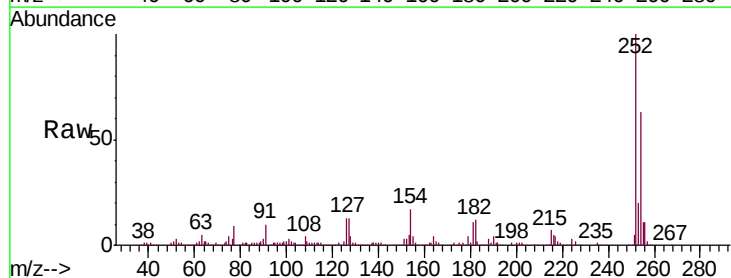


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

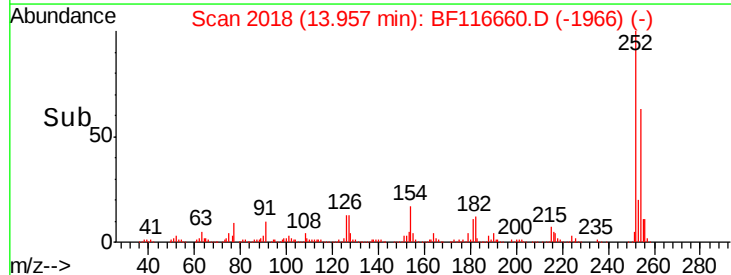
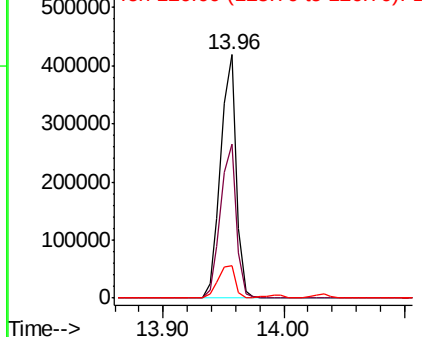


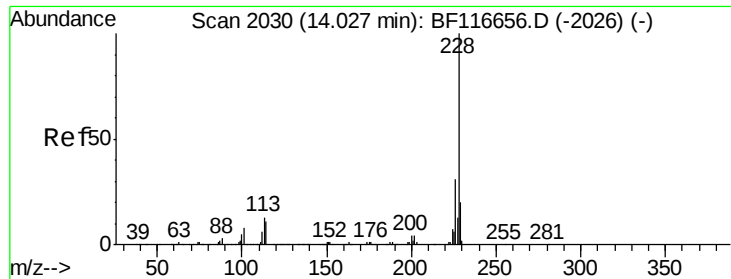
#82
3,3'-Dichlorobenzidine
Concen: 81.383 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:252 Resp: 374534
Ion Ratio Lower Upper
252 100
254 63.4 50.1 75.1
126 13.1 10.6 16.0



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

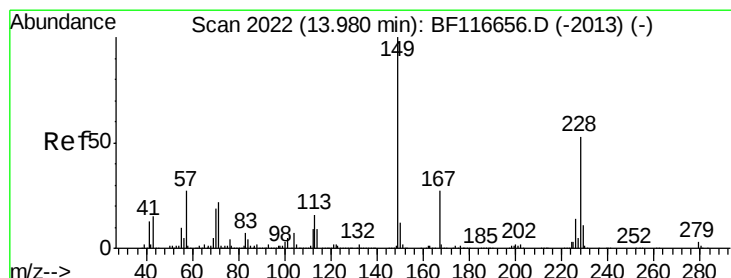
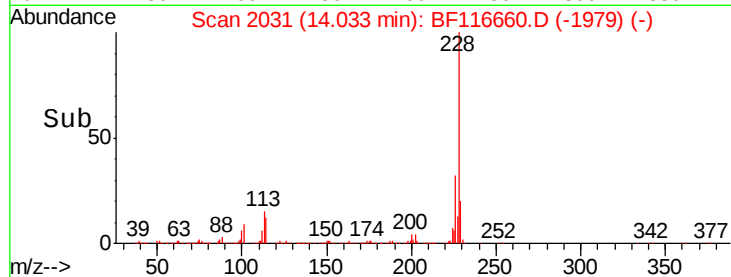
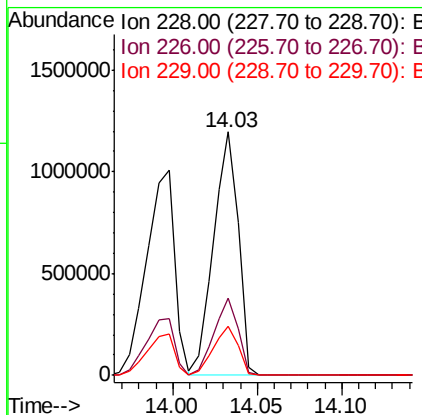
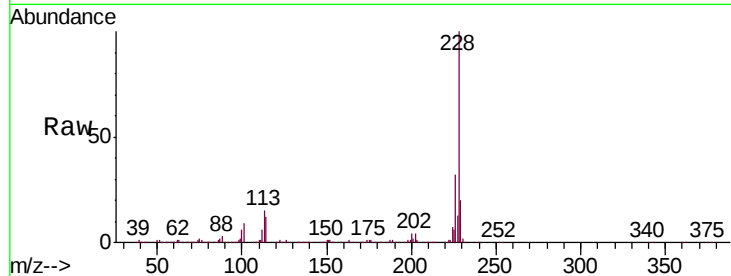




#83
 Chrvsene
 Concen: 88.114 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

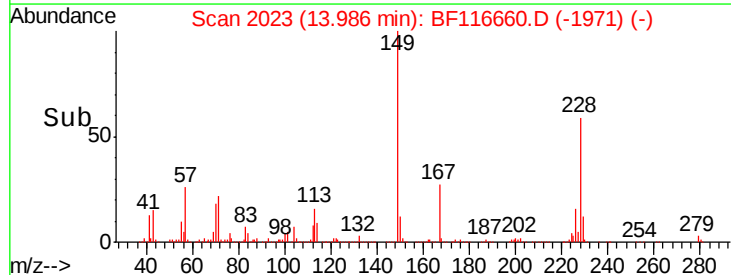
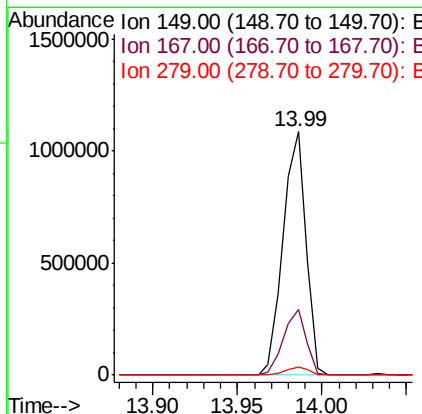
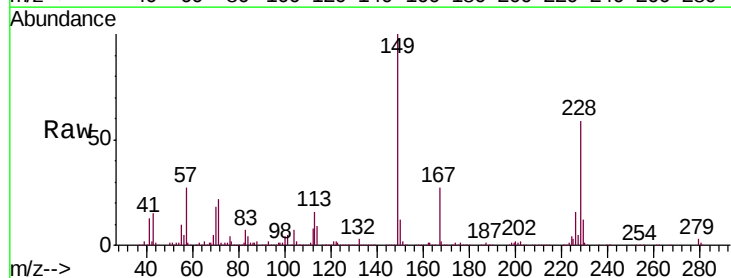
Instrument :
 BNA_F
 ClientSampleId :

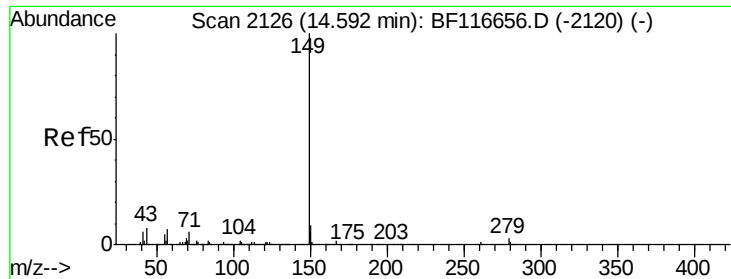
Tot Ion:228 Resp: 1224141
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.0 36.0
 229 20.2 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 91.489 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:149 Resp: 1035118
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 3.4 2.8 4.2

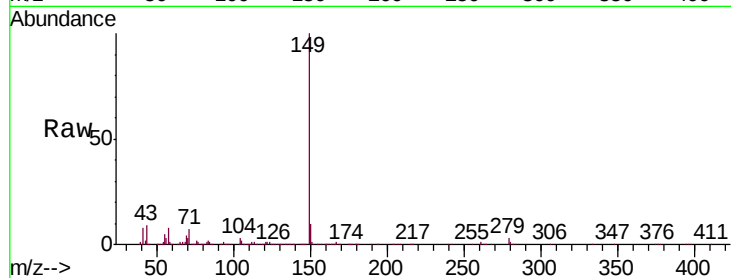




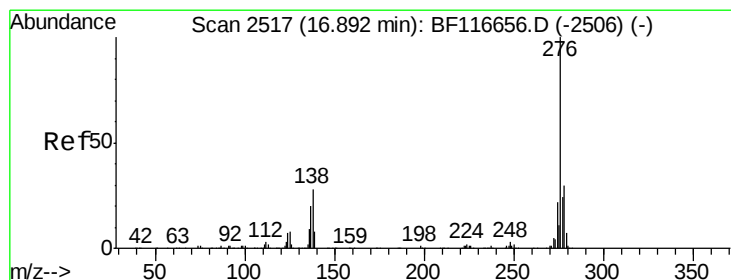
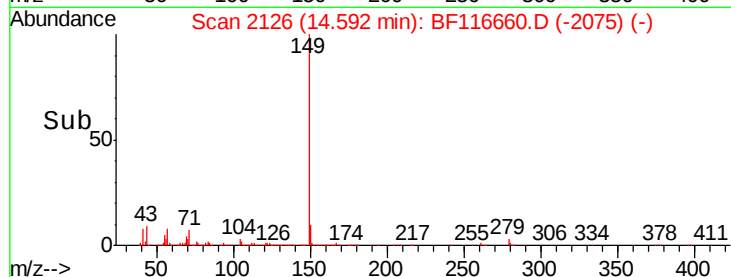
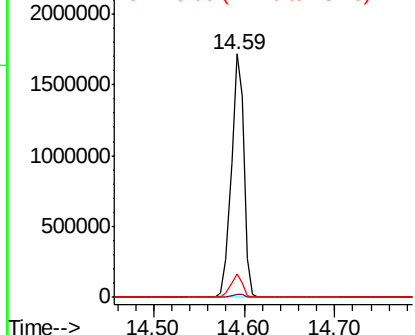
#85
Di-n-octyl phthalate
Concen: 89.101 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1655445
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.8 11.8

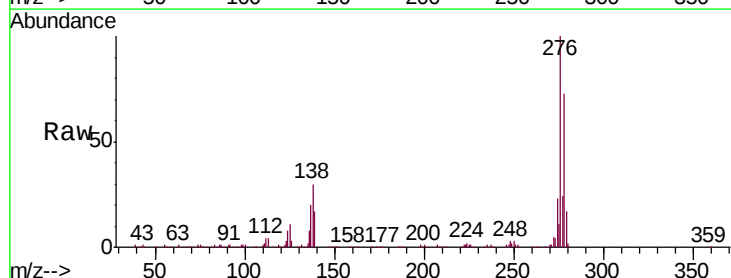


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

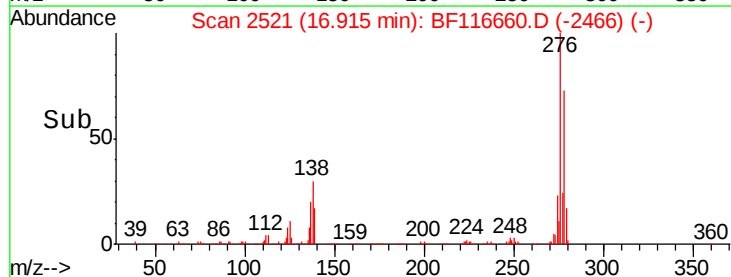
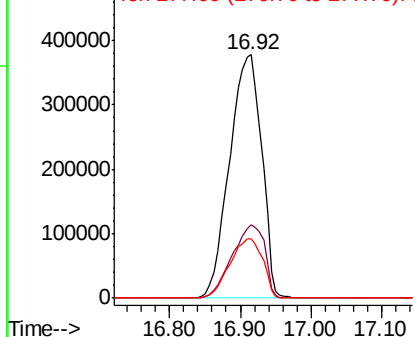


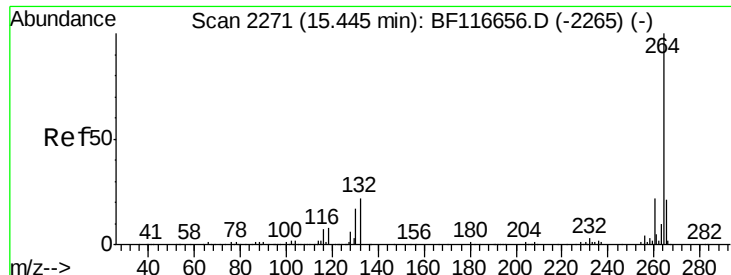
#86
Indeno(1,2,3-cd)pyrene
Concen: 110.374 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:276 Resp: 1193057
Ion Ratio Lower Upper
276 100
138 30.7 19.4 29.2#
277 25.1 20.5 30.7



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



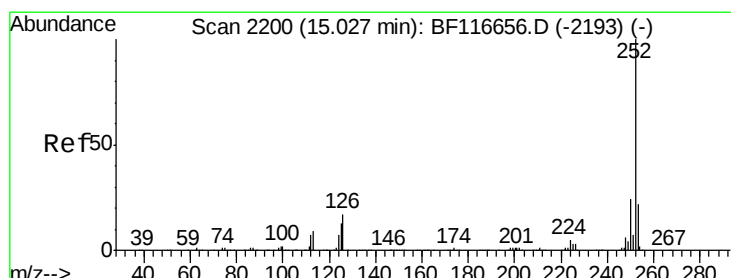
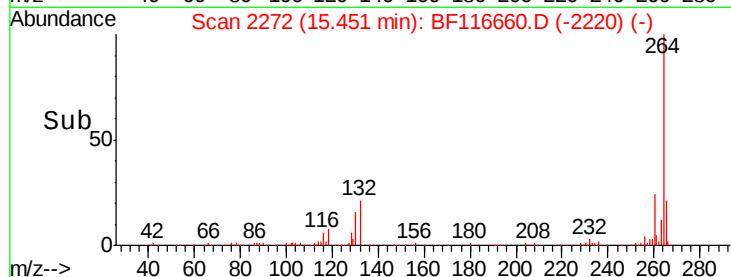
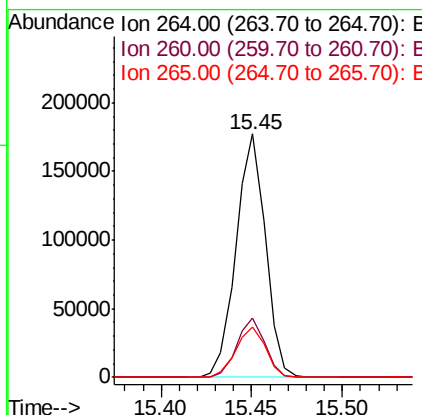
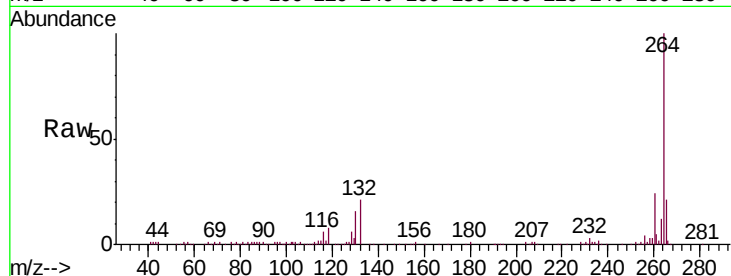


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 199964

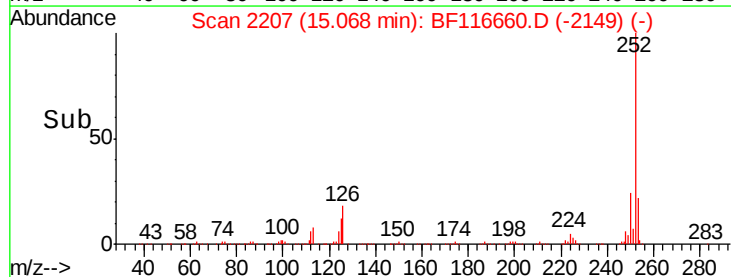
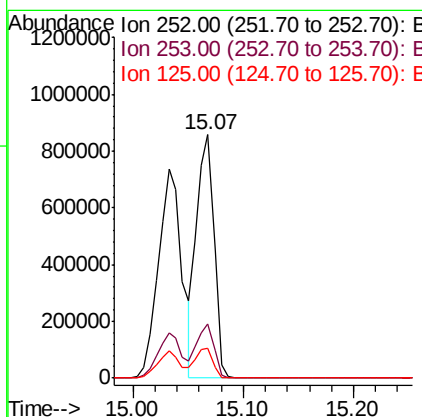
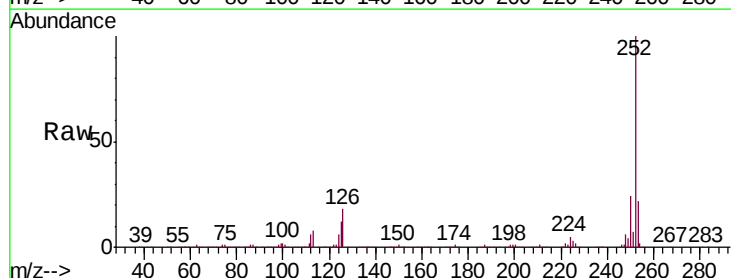
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	20.9	16.5	24.7

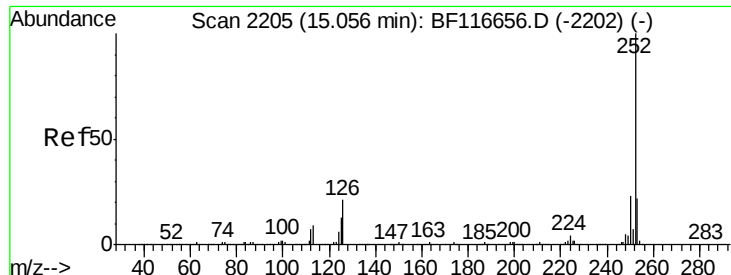


#88
Benzo(b)fluoranthene
Concen: 74.844 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.04 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:252 Resp: 918611

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.2	8.2	12.2

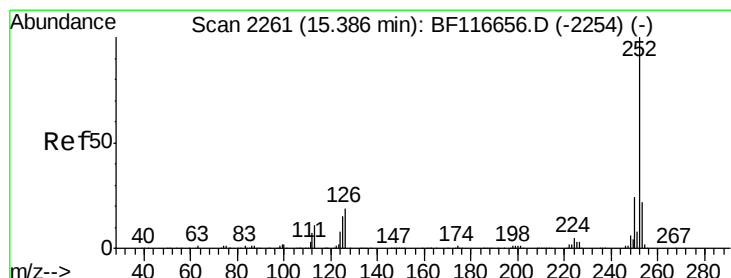
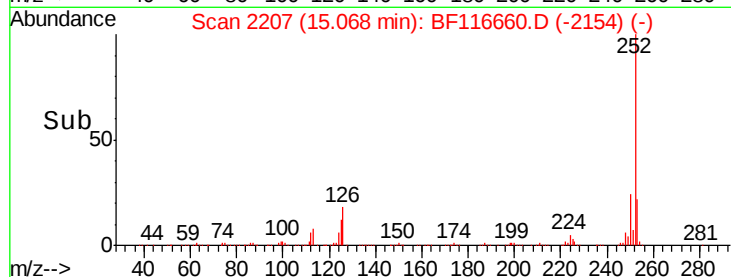
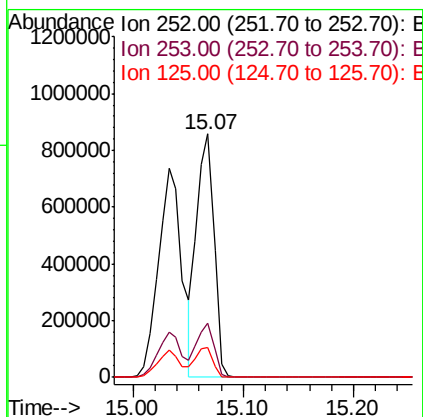
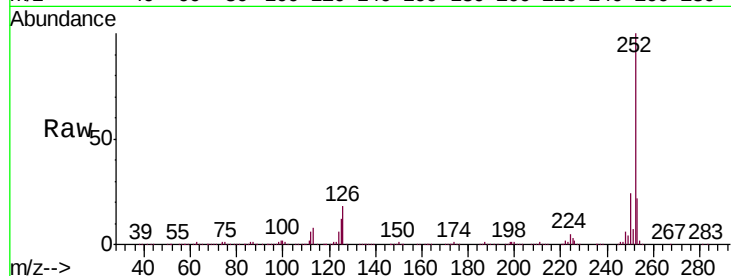




#89
Benzo(k)fluoranthene
Concen: 81.084 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

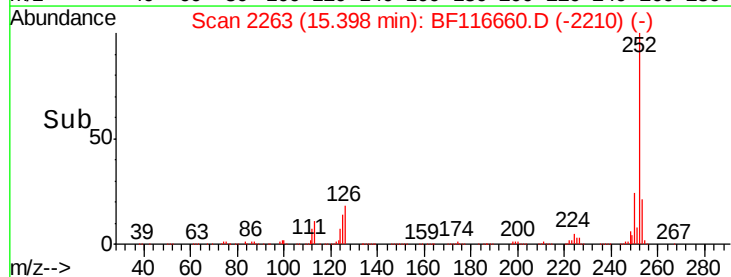
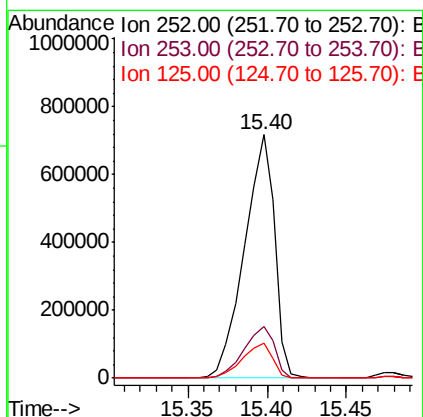
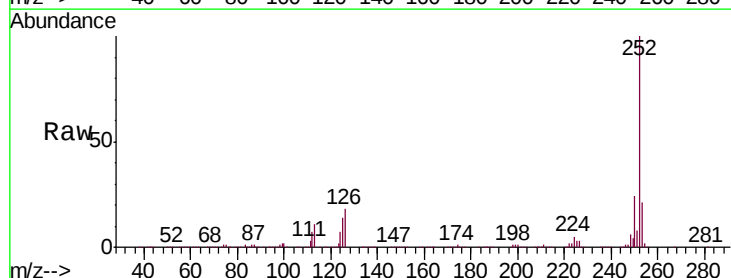
Instrument :
BNA_F
ClientSampled :

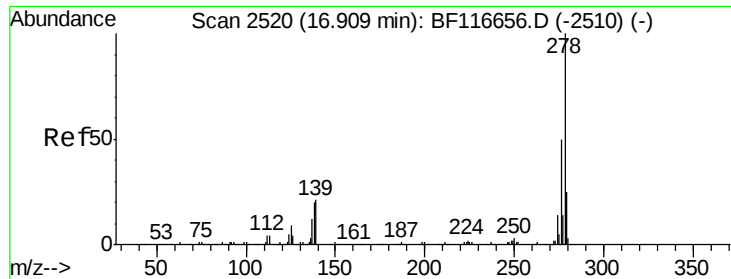
Tot Ion:252 Resp: 918611
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 88.185 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:252 Resp: 943457
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 14.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 102.278 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

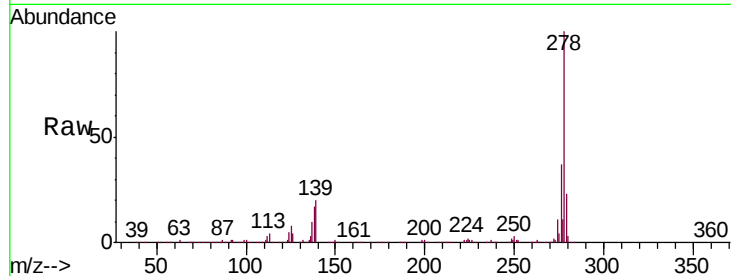
Tot Ion:278 Resp: 938572

Ion Ratio Lower Upper

278 100

139 19.6 12.4 18.6#

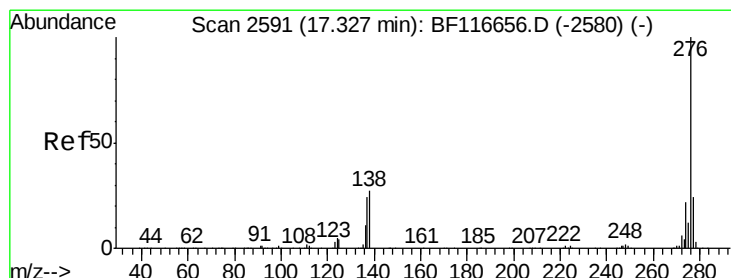
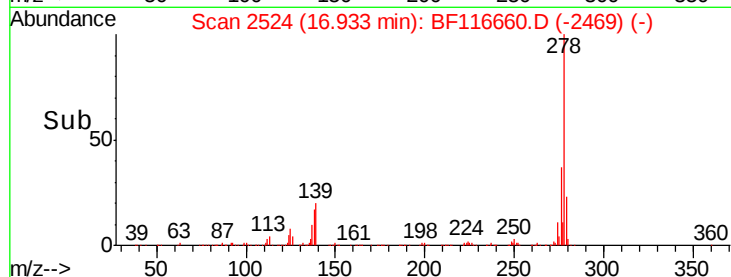
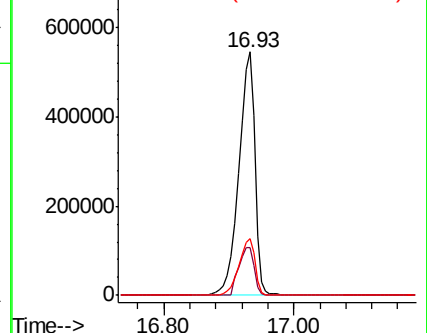
279 23.5 18.2 27.4



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: 109.772 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.03 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

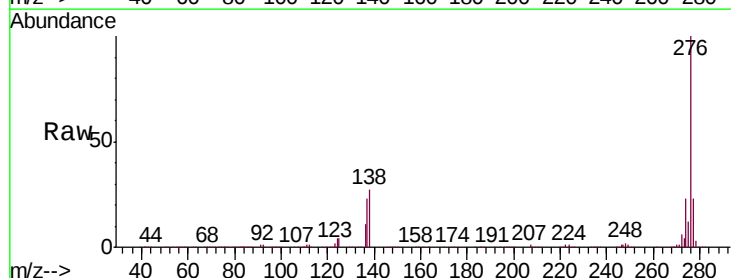
Tgt Ion:276 Resp: 1016510

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 26.6 16.2 24.2#



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

