

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118339.D
 Acq On : 27 Dec 2019 15:49
 Operator : JU
 Sample : K6439-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:59:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158226	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	637514	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347713	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651202	20.00	ng	0.00
76) Chrysene-d12	14.05	240	454217	20.00	ng	0.00
87) Perylene-d12	15.54	264	437089	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	792625	85.51	ng	0.01
7) Phenol-d6	6.49	99	1013995	88.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	603440	54.14	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	358773	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1301891	57.15	ng	0.00
79) Terphenyl-d14	12.99	244	1593484	58.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	106137	28.804	ng	97
3) Pyridine	3.40	79	248523	25.314	ng	97
4) n-Nitrosodimethylamine	3.35	42	124034	30.558	ng	94
6) Aniline	6.52	93	345200	23.642	ng	99
8) 2-Chlorophenol	6.64	128	349654	33.306	ng	97
9) Benzaldehyde	6.40	77	194005	28.777	ng	98
10) Phenol	6.50	94	426527	33.002	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	301461	32.615	ng	99
12) 1,3-Dichlorobenzene	6.79	146	376827	31.167	ng	99
13) 1,4-Dichlorobenzene	6.87	146	389545	31.720	ng	99
14) 1,2-Dichlorobenzene	7.02	146	362149	31.235	ng	100
15) Benzyl Alcohol	7.00	79	289308	33.044	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	313124	31.748	ng	98
17) 2-Methylphenol	7.11	107	278368	33.060	ng	98
18) Hexachloroethane	7.36	117	140751	31.228	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	231408	32.668	ng	98
20) 3+4-Methylphenols	7.26	107	358086	33.228	ng	97
22) Acetophenone	7.26	105	476359	30.487	ng	95
24) Nitrobenzene	7.44	77	342252	30.652	ng	93
25) Isophorone	7.67	82	628564	32.357	ng	98
26) 2-Nitrophenol	7.76	139	193441	32.708	ng	98
27) 2,4-Dimethylphenol	7.79	122	301408	37.353	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	389272	30.641	ng	100
29) 2,4-Dichlorophenol	8.00	162	297148	31.994	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	329926	30.495	ng	98
31) Naphthalene	8.16	128	1039295	32.074	ng	99
32) Benzoic acid	7.93	122	177818	28.687	ng	92
33) 4-Chloroaniline	8.21	127	212794	15.319	ng	98
34) Hexachlorobutadiene	8.27	225	192879	29.950	ng	99
35) Caprolactam	8.58	113	57159	19.713	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	313424	31.432	ng	98
37) 2-Methylnaphthalene	8.86	142	715827	32.267	ng	99
38) 1-Methylnaphthalene	8.96	142	672184	32.160	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	311940	29.859	ng	99

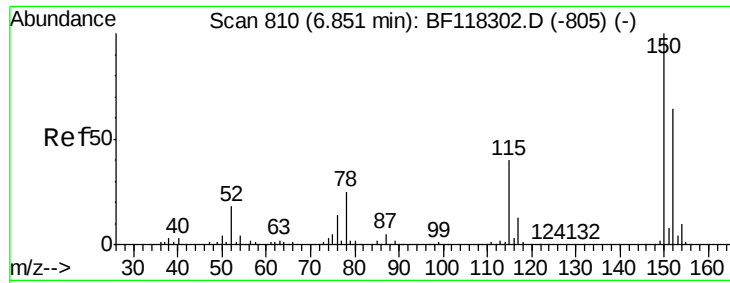
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118339.D
 Acq On : 27 Dec 2019 15:49
 Operator : JU
 Sample : K6439-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:59:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	217615	52.915	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	213818	30.635	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	230434	32.094	ng	97
46) 1,1'-Biphenyl	9.32	154	847478	30.815	ng	99
47) 2-Chloronaphthalene	9.35	162	665663	30.073	ng	99
48) 2-Nitroaniline	9.45	65	184218	29.465	ng	98
49) Acenaphthylene	9.76	152	1059727	32.281	ng	100
50) Dimethylphthalate	9.62	163	887783	34.014	ng	100
51) 2,6-Dinitrotoluene	9.69	165	179022	31.814	ng	98
52) Acenaphthene	9.93	154	615585	30.786	ng	99
53) 3-Nitroaniline	9.86	138	113942	17.252	ng	91
54) 2,4-Dinitrophenol	9.97	184	134877	49.642	ng	99
55) Dibenzofuran	10.11	168	938894	31.778	ng	100
56) 4-Nitrophenol	10.03	139	251221	61.615	ng	95
57) 2,4-Dinitrotoluene	10.10	165	241031	32.056	ng	93
58) Fluorene	10.46	166	746180	31.285	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	184936	30.315	ng	99
60) Diethylphthalate	10.32	149	827525	32.048	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	373490	31.369	ng	100
62) 4-Nitroaniline	10.48	138	189675	27.645	ng	93
63) Azobenzene	10.60	77	714274	32.295	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	111493	31.737	ng	82
66) n-Nitrosodiphenylamine	10.56	169	666275	31.924	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	236689	31.058	ng	96
68) Hexachlorobenzene	11.01	284	263242	29.345	ng	# 92
69) Atrazine	11.09	200	235233	36.519	ng	97
70) Pentachlorophenol	11.20	266	241443	62.148	ng	98
71) Phenanthrene	11.42	178	1113604	31.369	ng	100
72) Anthracene	11.47	178	1155339	32.514	ng	99
73) Carbazole	11.63	167	1003622	31.830	ng	99
74) Di-n-butylphthalate	11.95	149	1353770	33.862	ng	100
75) Fluoranthene	12.62	202	1159970	32.377	ng	98
77) Benzidine	12.74	184	658874	52.939	ng	98
78) Pyrene	12.85	202	1154589	31.128	ng	99
80) Butylbenzylphthalate	13.46	149	559886	33.524	ng	97
81) Benzo(a)anthracene	14.04	228	988763	31.099	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	268559	24.913	ng	98
83) Chrysene	14.08	228	956965	31.434	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	835775	38.058	ng	99
85) Di-n-octyl phthalate	14.63	149	1324781	41.011	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	919652	35.454	ng	100
88) Benzo(b)fluoranthene	15.10	252	873356	30.101	ng	98
89) Benzo(k)fluoranthene	15.13	252	863837	31.008	ng	100
90) Benzo(a)pyrene	15.48	252	788827	30.863	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	788602	35.555	ng	98
92) Benzo(g,h,i)perylene	17.51	276	758305	35.393	ng	98

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

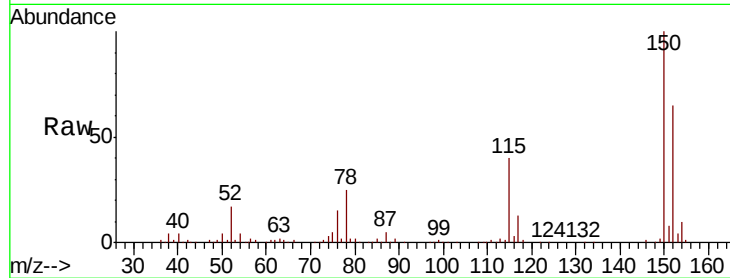


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.4	188.2
115	60.9	50.2	75.4

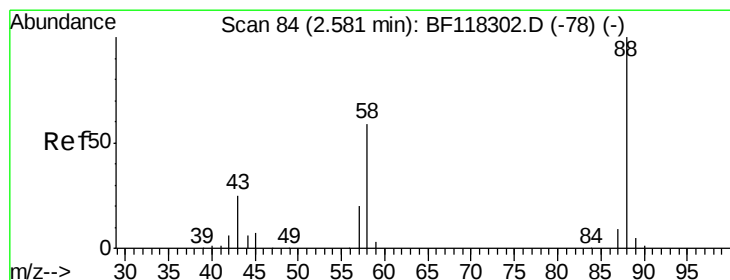
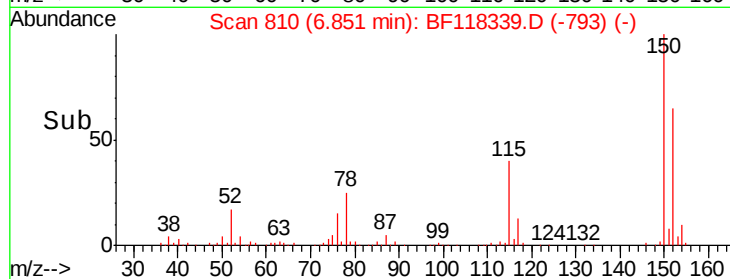
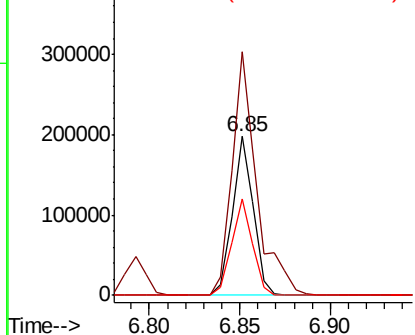


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

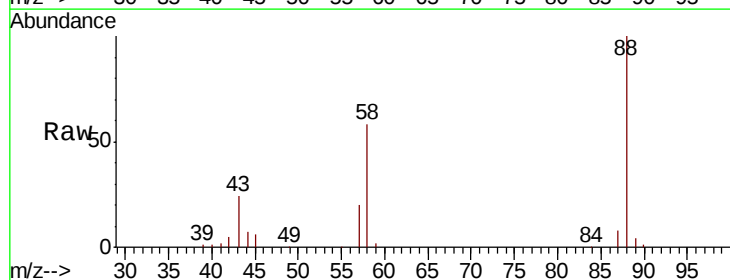
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.804 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.06 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.6	71.4
43	27.9	20.6	30.8

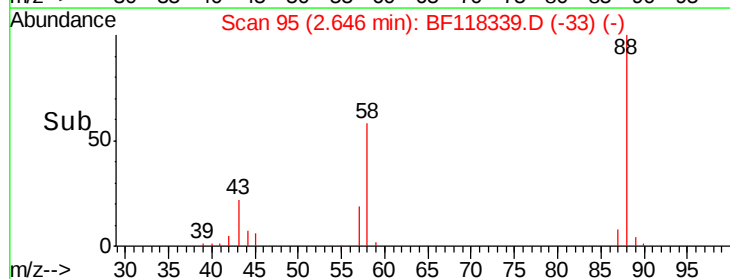
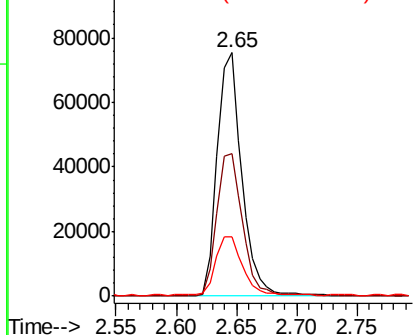


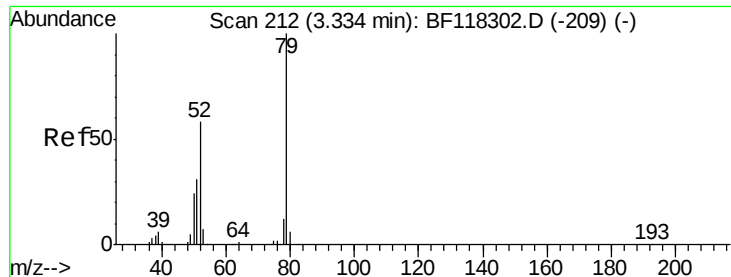
Abundance

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: 25.314 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampled :

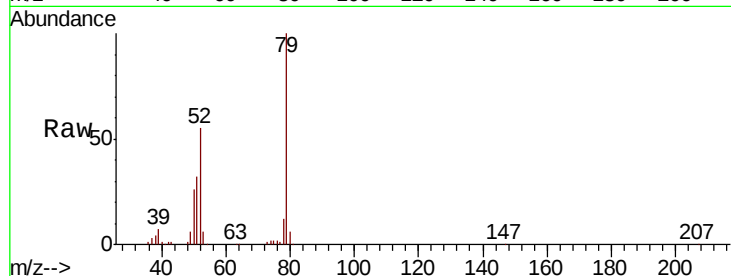
Tot Ion: 79 Resp: 248523

Ion Ratio Lower Upper

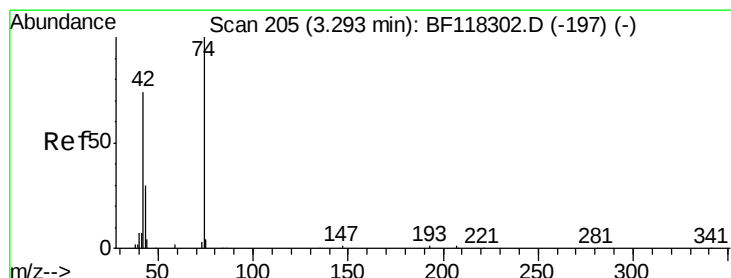
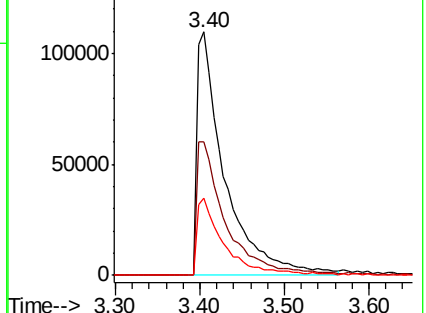
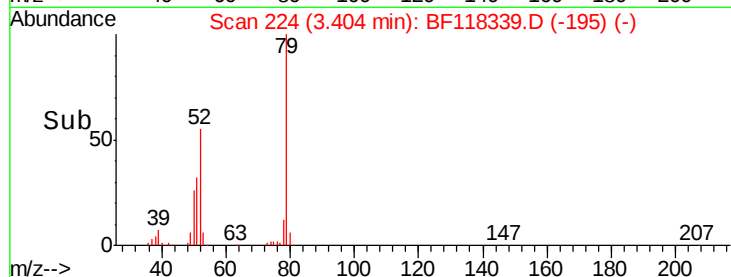
79 100

52 54.7 46.4 69.6

51 31.9 24.9 37.3



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: 30.558 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

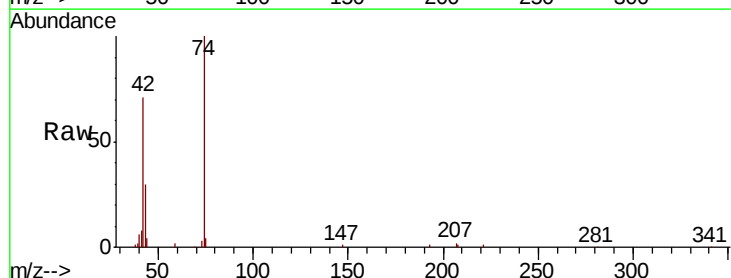
Tgt Ion: 42 Resp: 124034

Ion Ratio Lower Upper

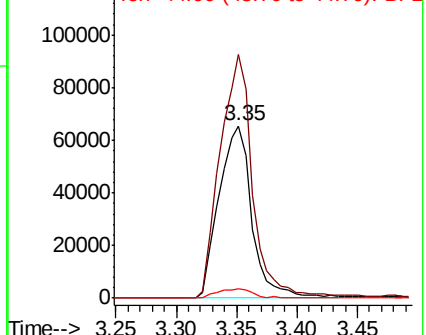
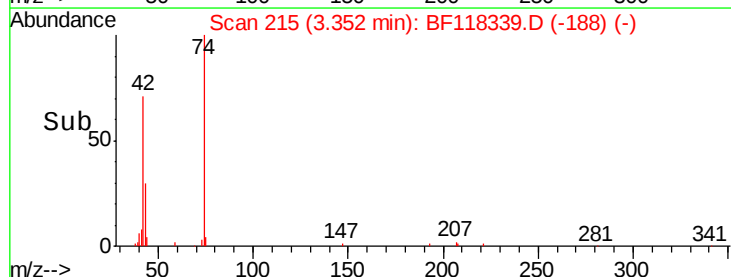
42 100

74 141.6 107.7 161.5

44 5.3 4.8 7.2



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: 85.511 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

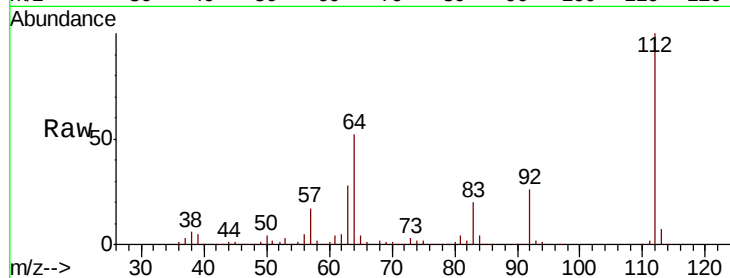
Tot Ion: 112 Resp: 792625

Ion Ratio Lower Upper

112 100

64 52.2 39.7 59.5

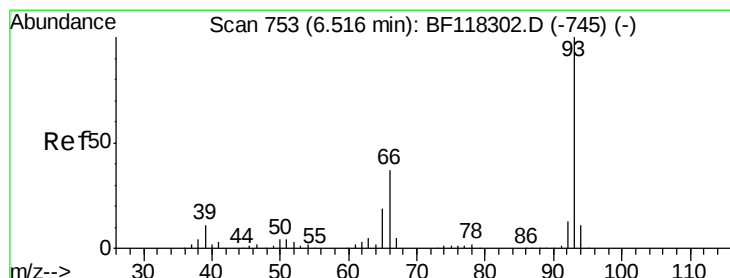
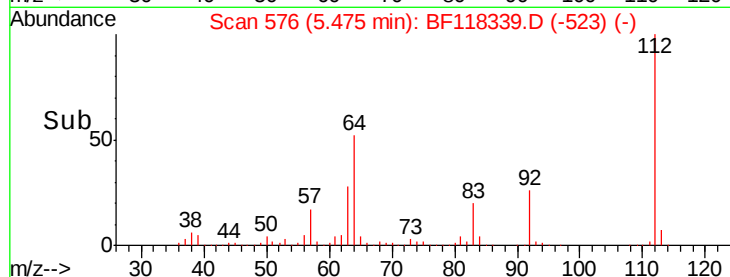
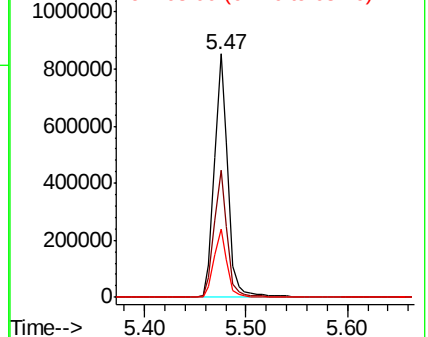
63 28.2 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.642 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

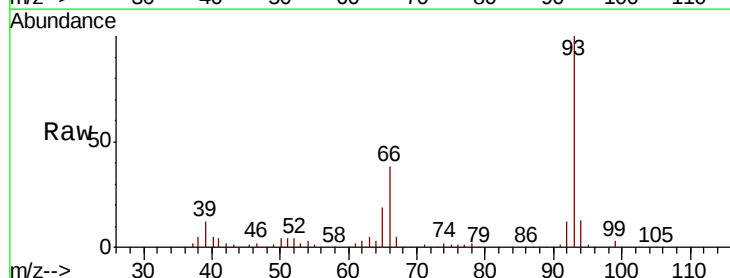
Tgt Ion: 93 Resp: 345200

Ion Ratio Lower Upper

93 100

66 38.1 30.2 45.4

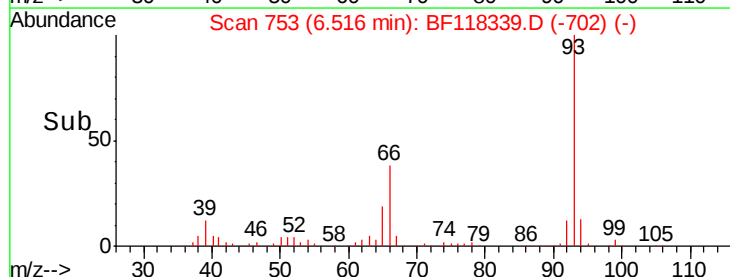
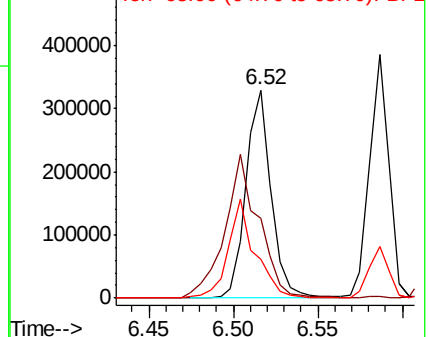
65 18.8 15.7 23.5

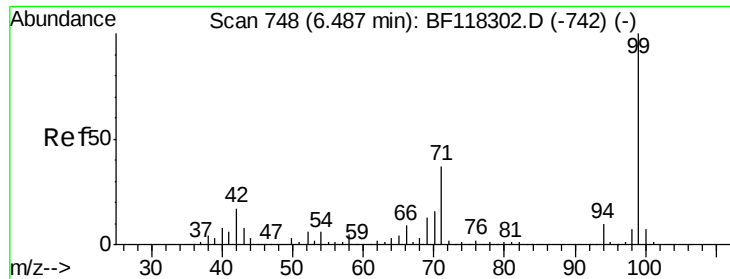


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.183 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

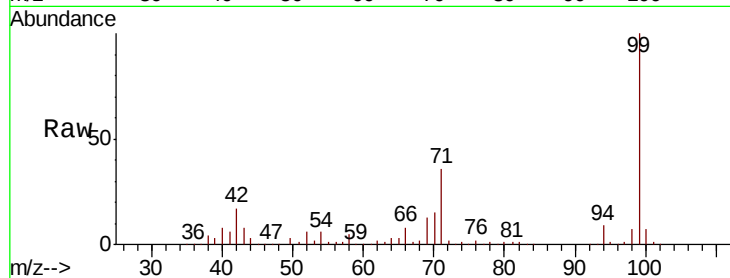
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1013995

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	36.0	29.4	44.2

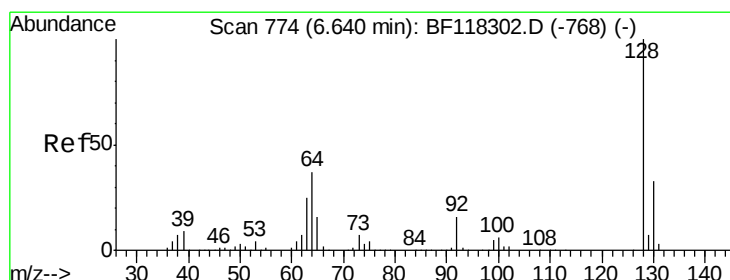
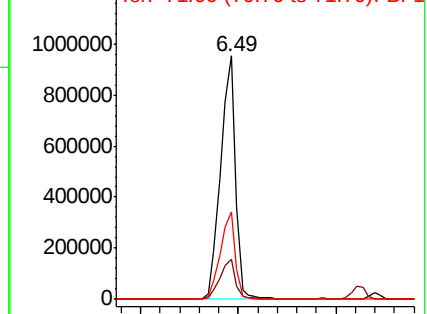
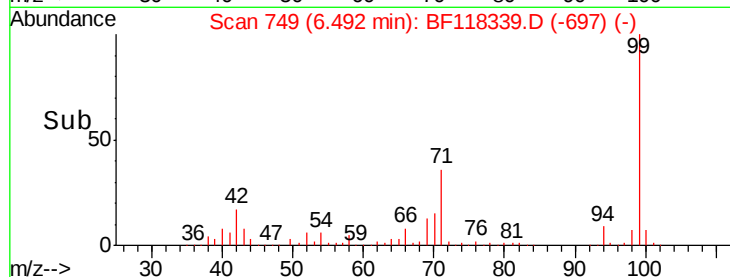


Abundance

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: 33.306 ng

RT: 6.64 min Scan# 774

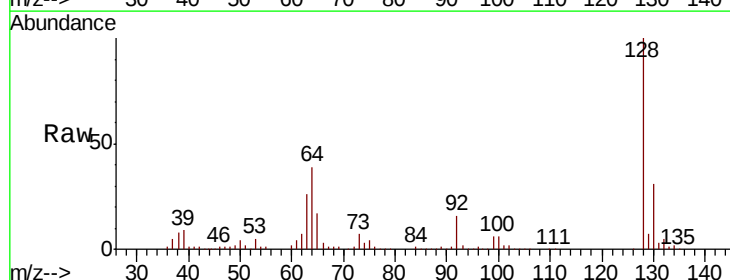
Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Tgt Ion: 128 Resp: 349654

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.2	53.2
64	39.1	17.7	57.7

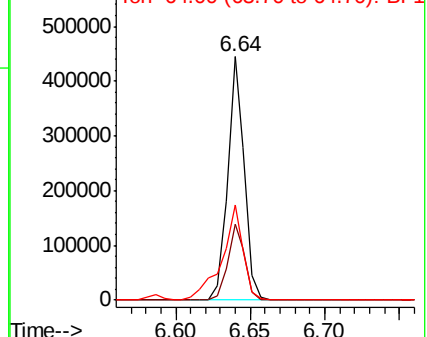
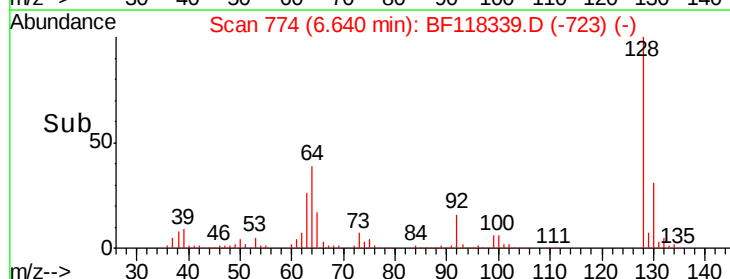


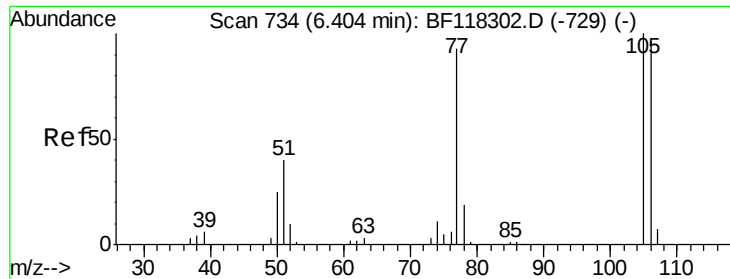
Abundance

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

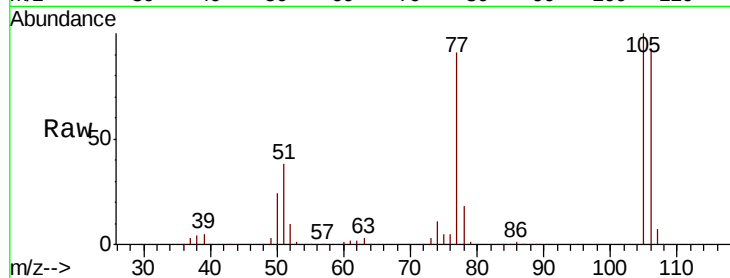




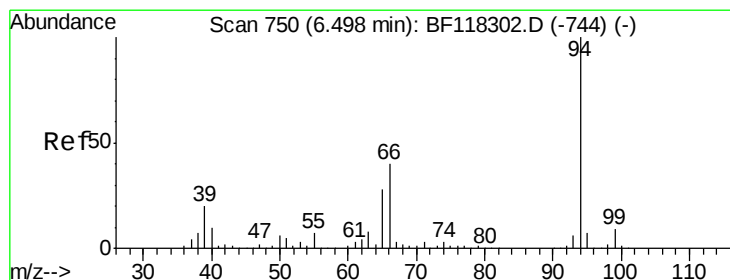
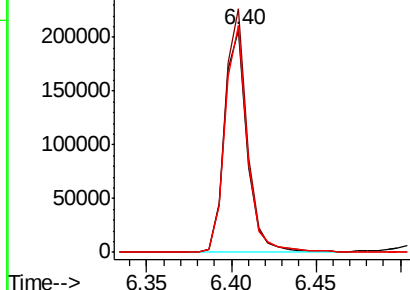
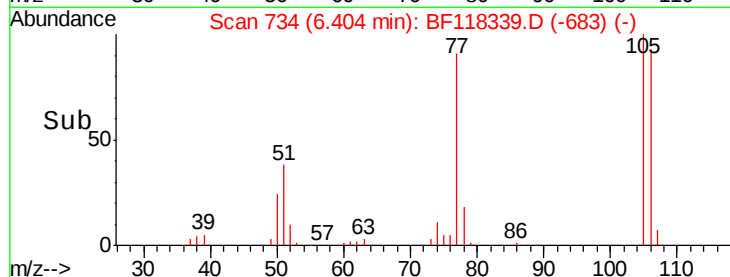
#9
Benzaldehyde
Concen: 28.777 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 194005
Ion Ratio Lower Upper
77 100
105 109.7 87.5 127.5
106 102.5 83.6 123.6

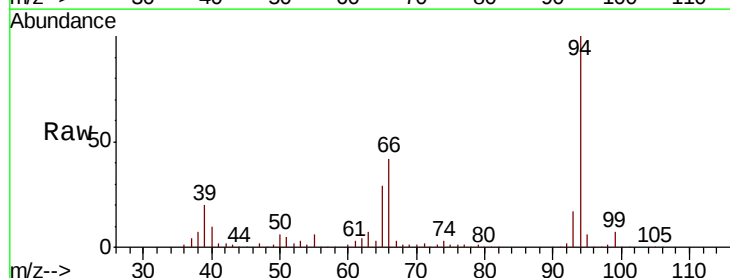


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

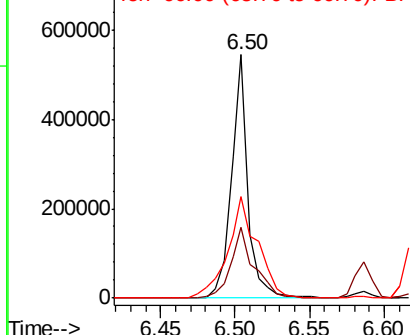
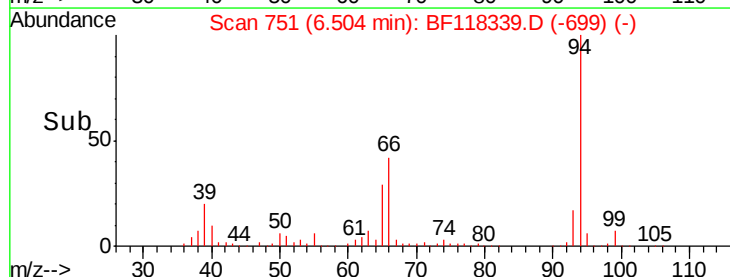


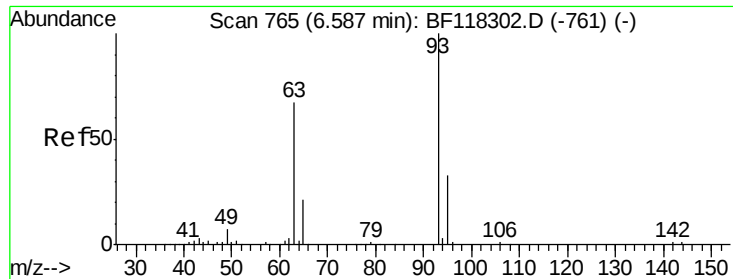
#10
Phenol
Concen: 33.002 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 94 Resp: 426527
Ion Ratio Lower Upper
94 100
65 28.8 7.8 47.8
66 41.7 20.4 60.4



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: 32.615 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

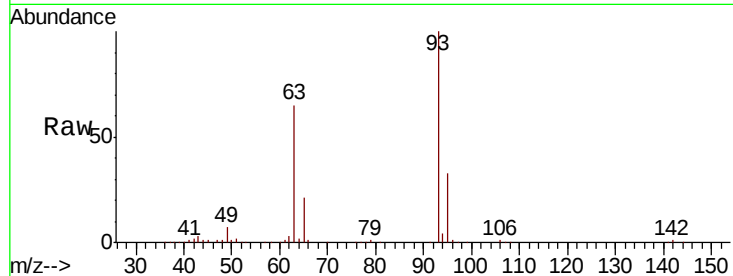
Tot Ion: 93 Resp: 301461

Ion Ratio Lower Upper

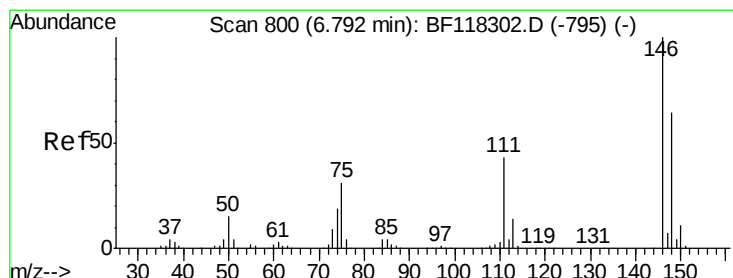
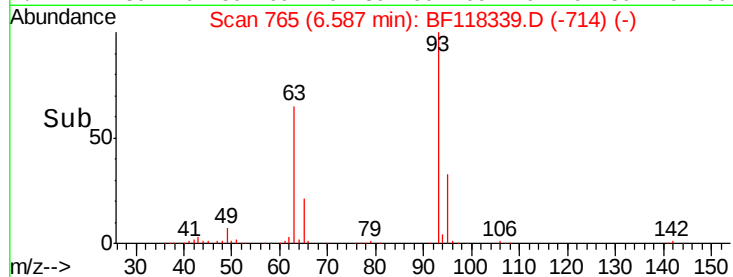
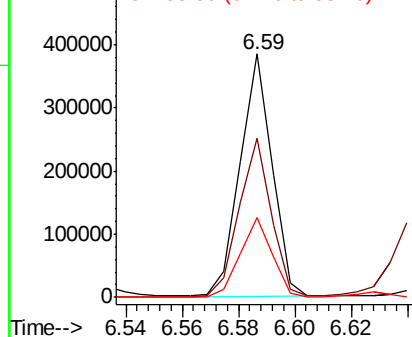
93 100

63 65.4 47.0 87.0

95 32.5 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 31.167 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

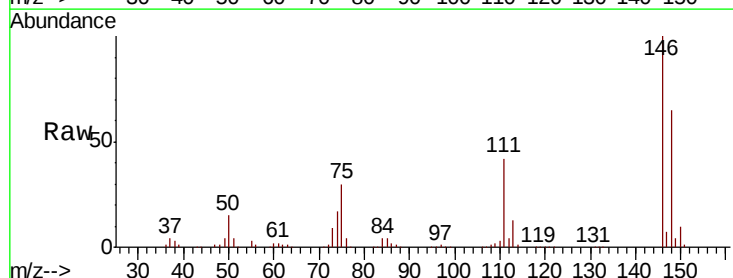
Tgt Ion: 146 Resp: 376827

Ion Ratio Lower Upper

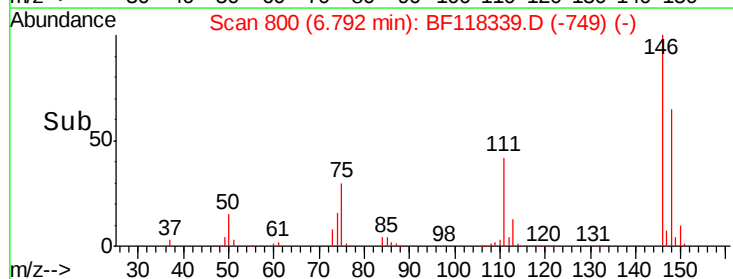
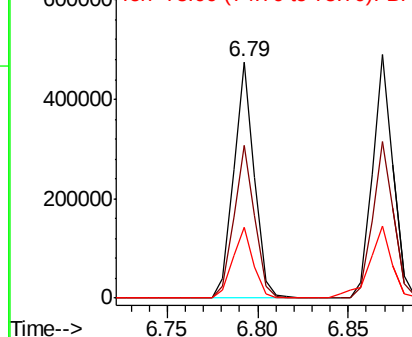
146 100

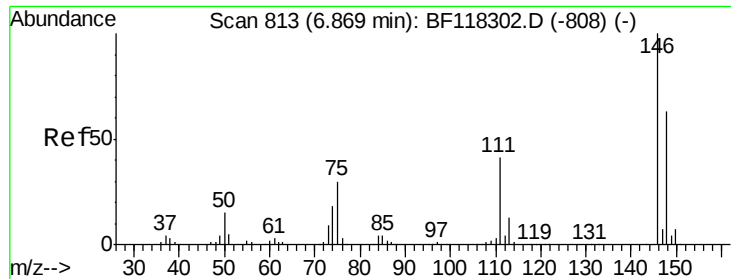
148 64.7 51.4 77.0

75 30.2 24.4 36.6



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

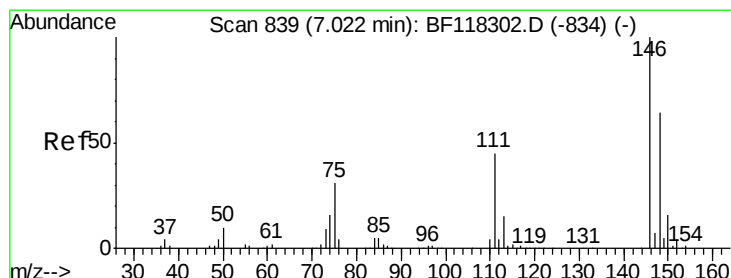
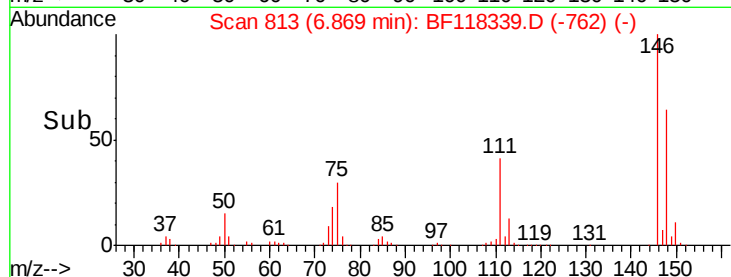
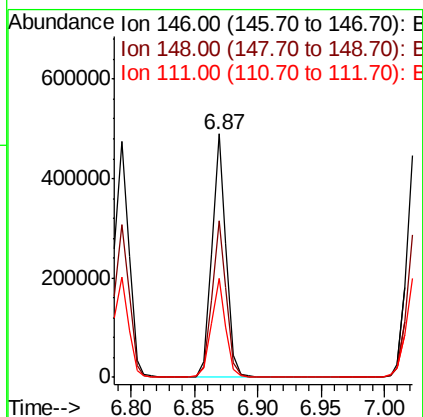
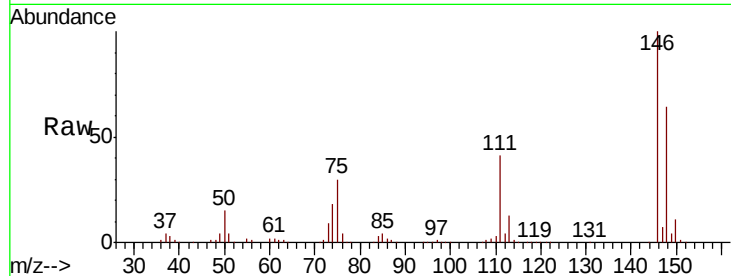




#13
 1,4-Dichlorobenzene
 Concen: 31.720 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

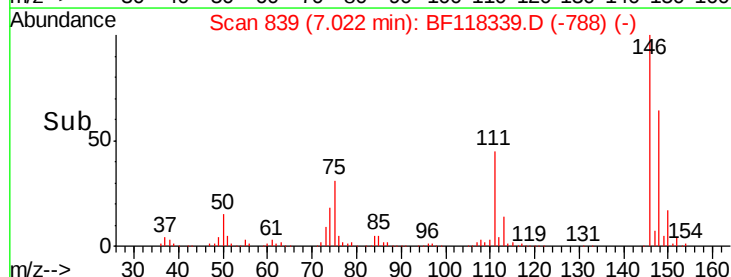
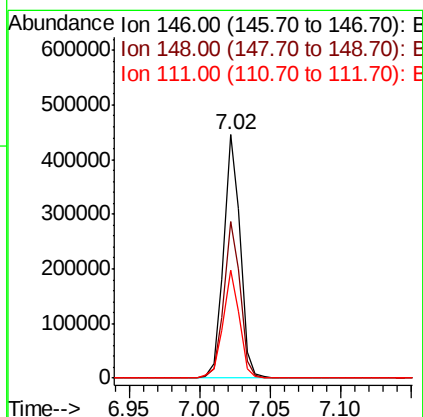
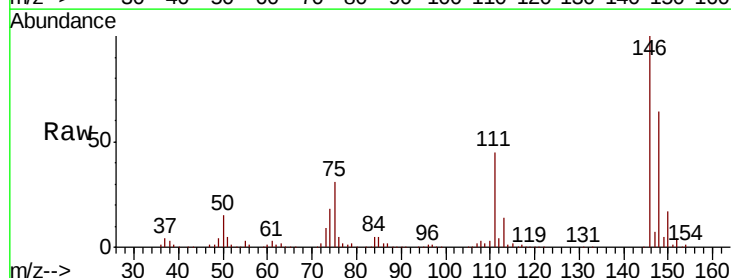
Instrument :
 BNA_F
 ClientSampleId :

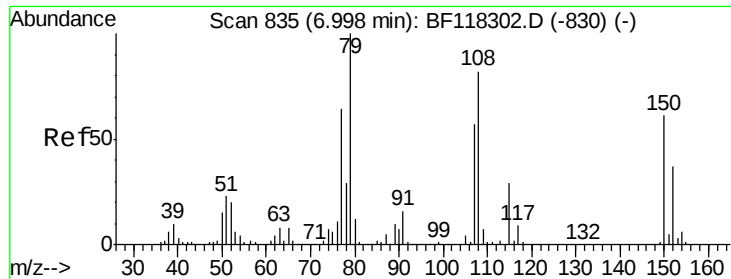
Tot Ion:146 Resp: 389545
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.3 75.5
 111 40.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 31.235 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion:146 Resp: 362149
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 44.5 35.7 53.5





#15

Benzyl Alcohol

Concen: 33.044 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampled :

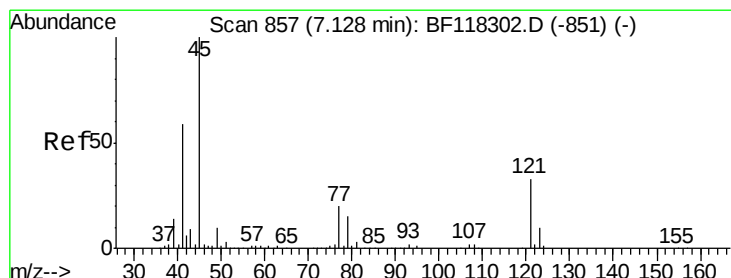
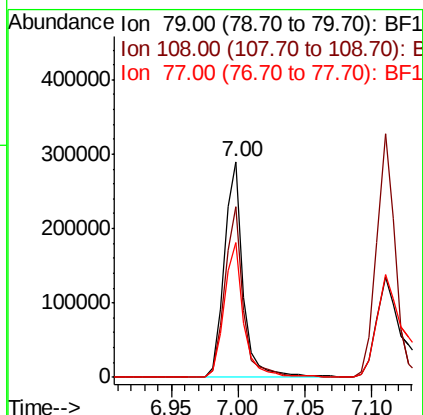
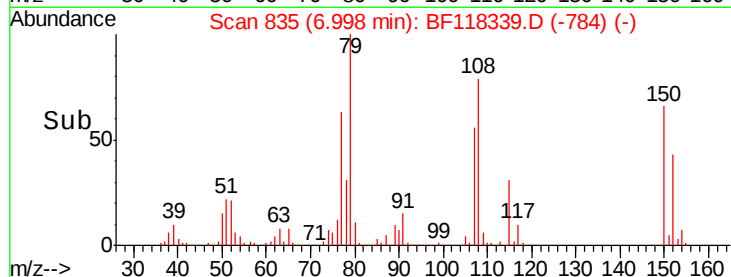
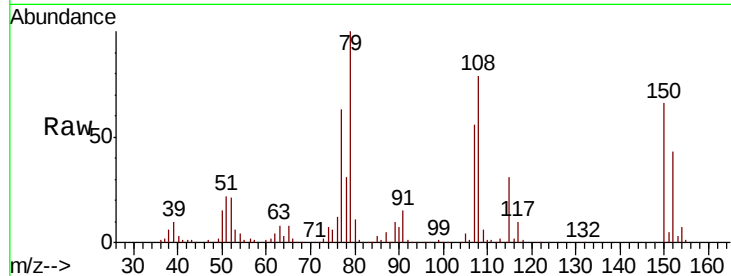
Tot Ion: 79 Resp: 289308

Ion Ratio Lower Upper

79 100

108 78.8 65.4 98.0

77 62.6 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.748 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

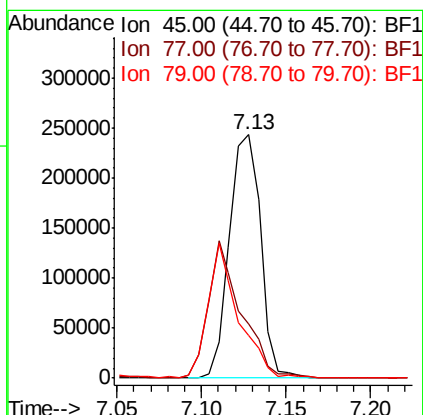
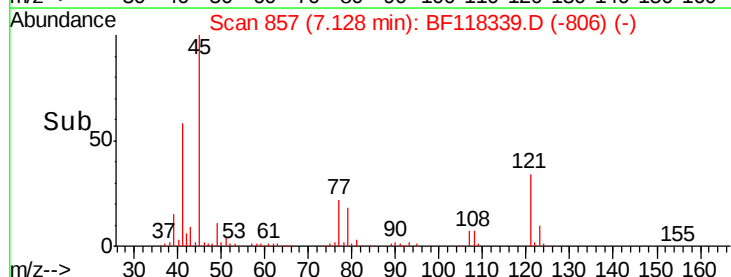
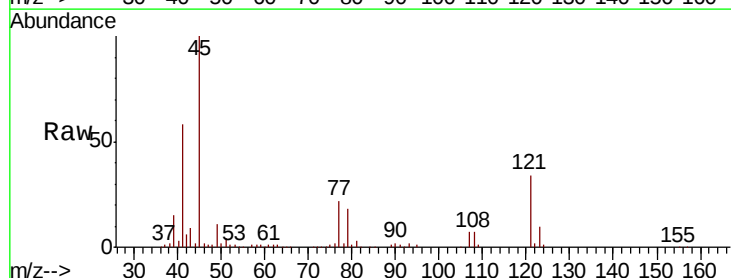
Tgt Ion: 45 Resp: 313124

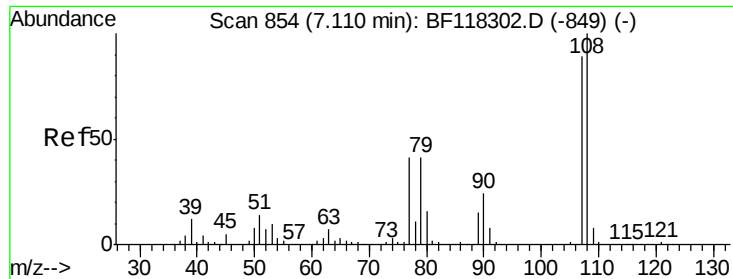
Ion Ratio Lower Upper

45 100

77 22.3 1.2 41.2

79 17.5 0.0 37.0

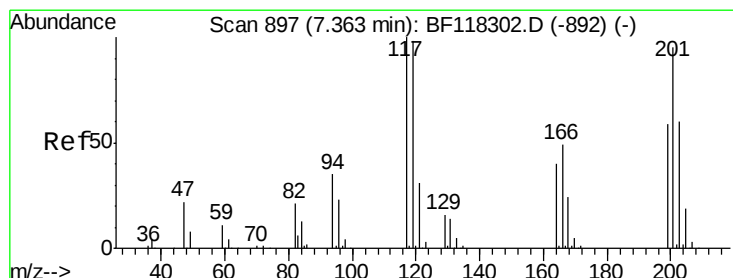
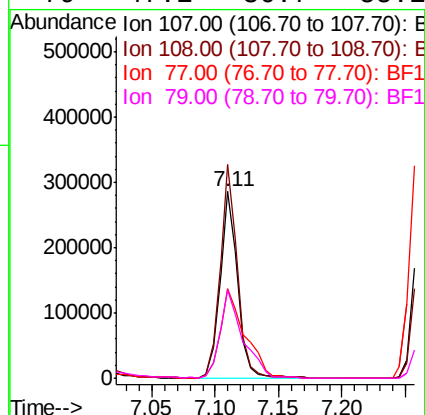
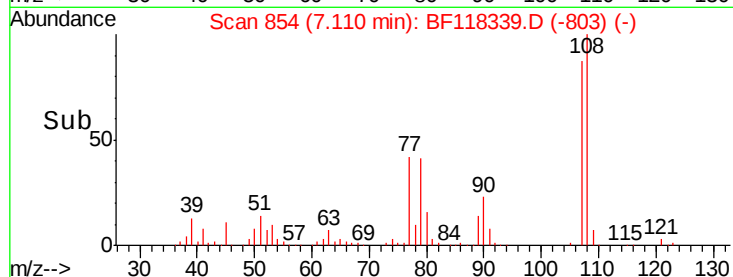
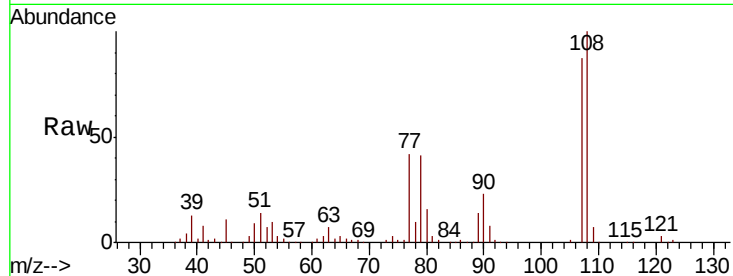




#17
2-Methylphenol
Concen: 33.060 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

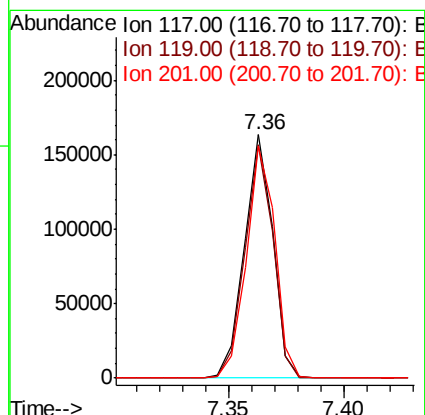
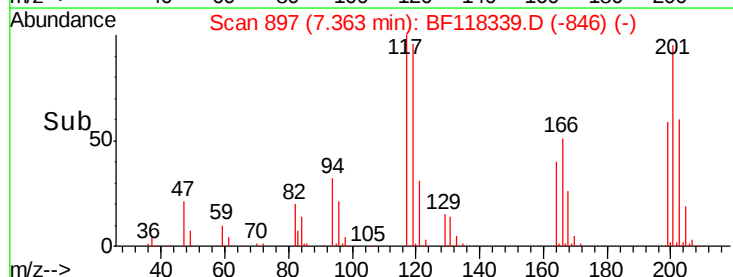
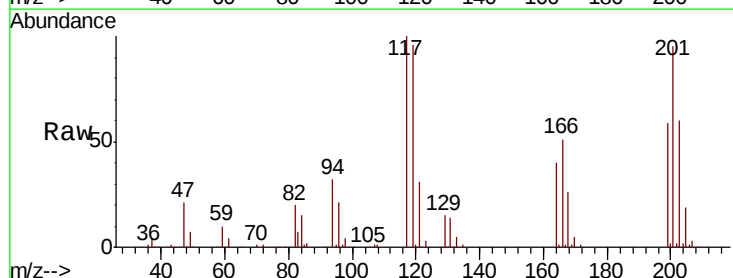
Instrument :
BNA_F
ClientSampled :

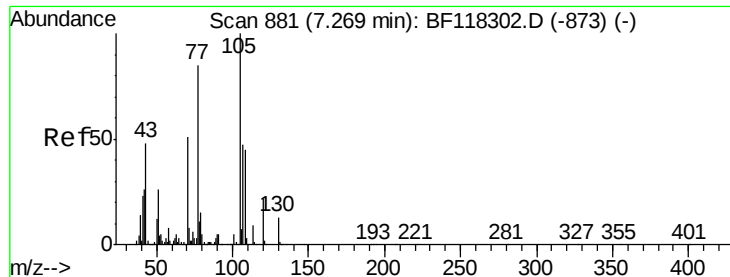
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.7	134.5
77	48.2	37.2	55.8
79	47.1	36.7	55.1



#18
Hexachloroethane
Concen: 31.228 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
201	95.4	76.2	114.2

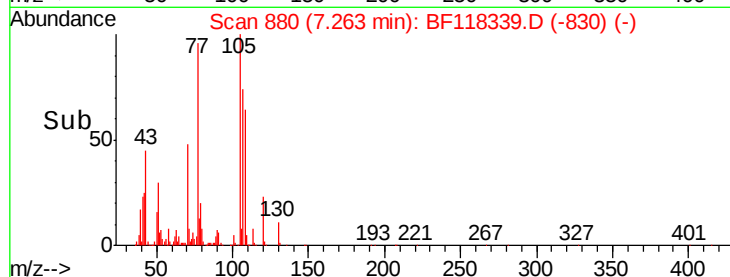
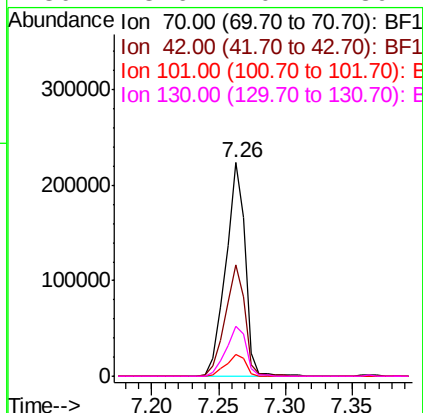
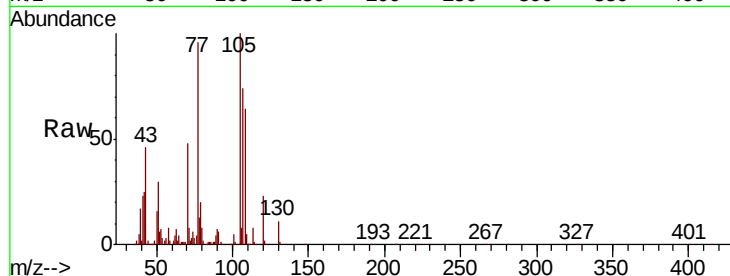




#19
n-Nitroso-di-n-propylamine
Concen: 32.668 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

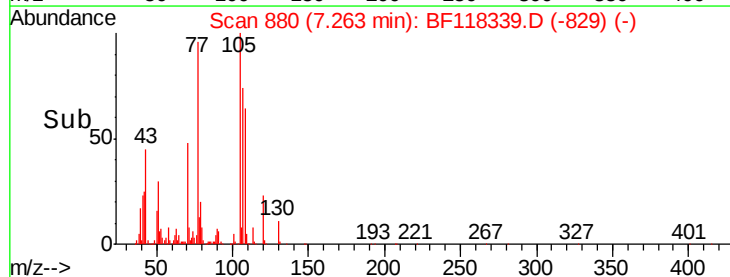
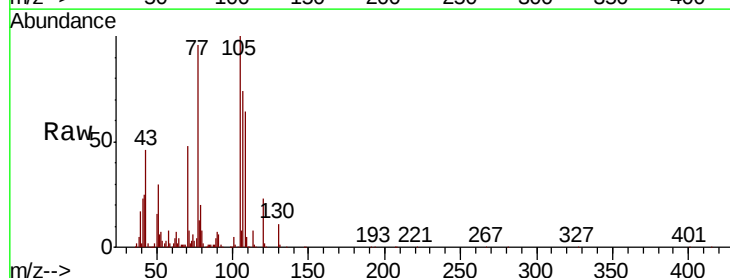
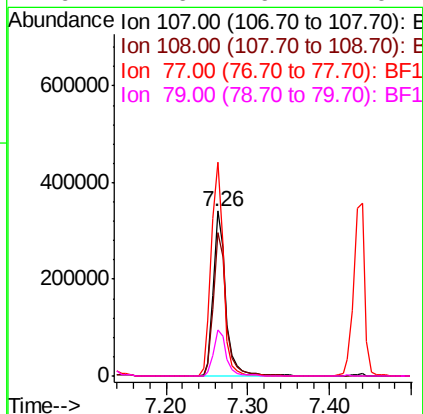
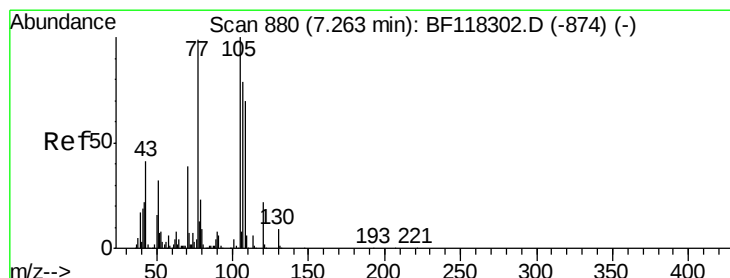
Instrument :
BNA_F
ClientSampleId :

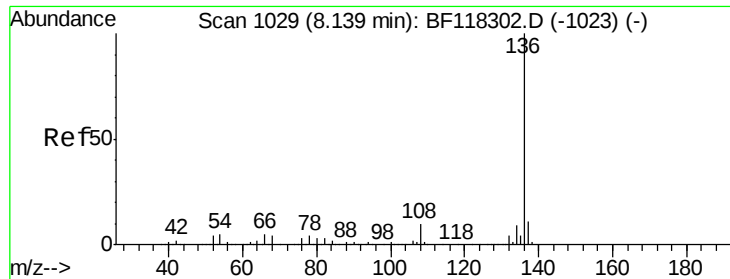
Tot Ion:	70	Resp:	231408
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.1	61.7
101	10.2	8.3	12.5
130	23.6	20.1	30.1



#20
3+4-Methylphenols
Concen: 33.228 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:	107	Resp:	358086
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.3	109.3
77	129.6	105.9	145.9
79	27.6	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 637514

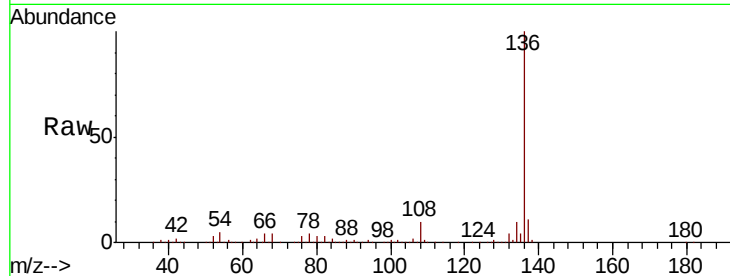
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.3 4.2 6.4

68 4.4 3.5 5.3

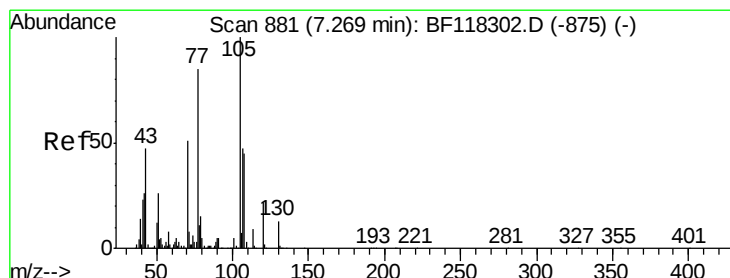
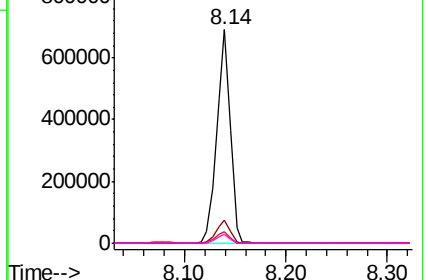
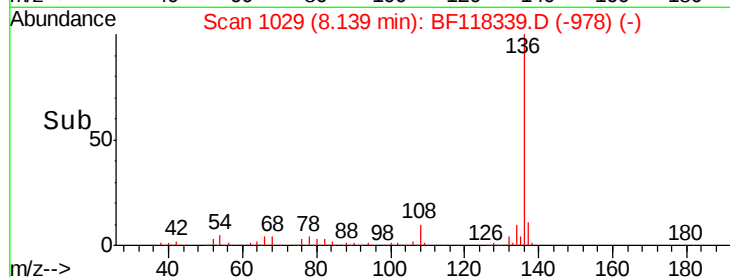


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.487 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Tgt Ion:105 Resp: 476359

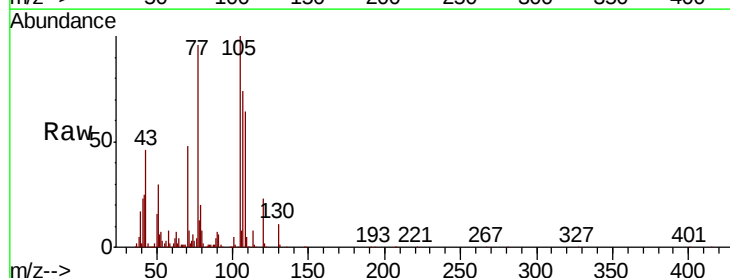
Ion Ratio Lower Upper

105 100

71 8.2 6.6 9.8

51 30.5 20.6 30.8

120 23.2 18.0 27.0

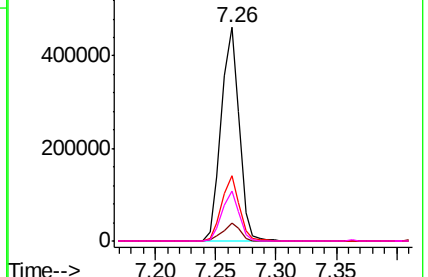
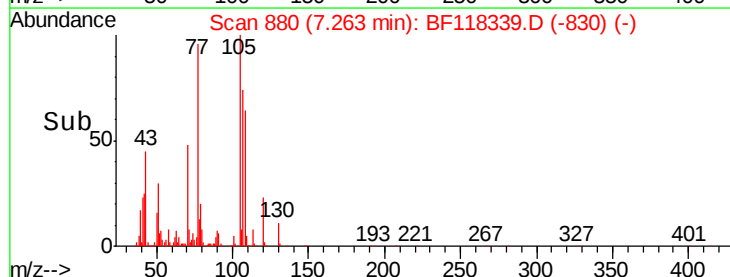


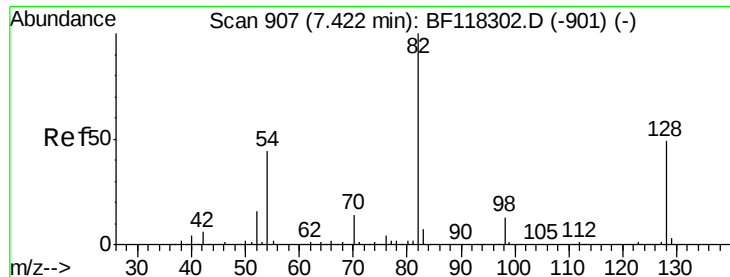
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

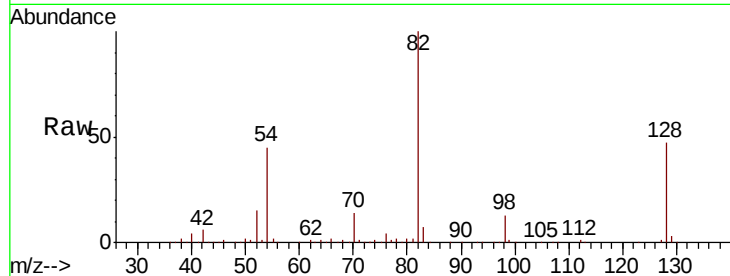




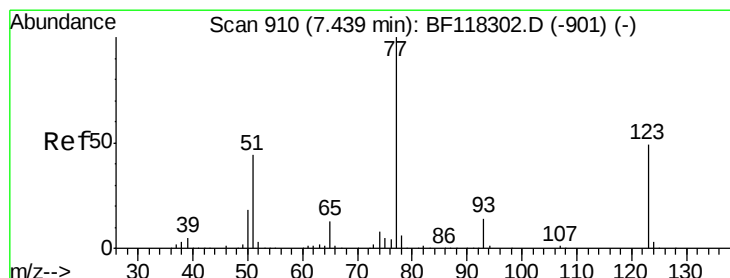
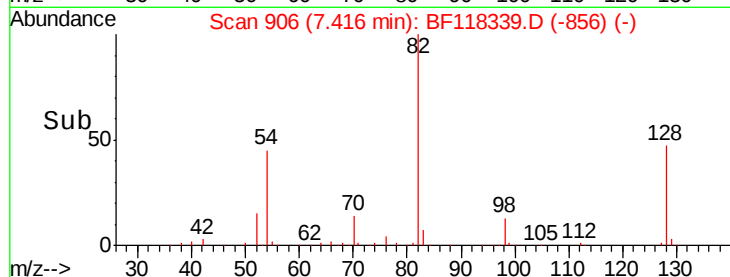
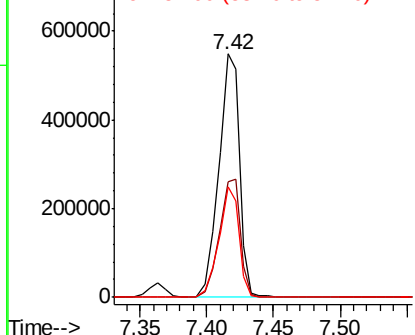
#23
Nitrobenzene-d5
Concen: 54.138 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 603440
Ion Ratio Lower Upper
82 100
128 47.3 39.6 59.4
54 45.2 34.9 52.3

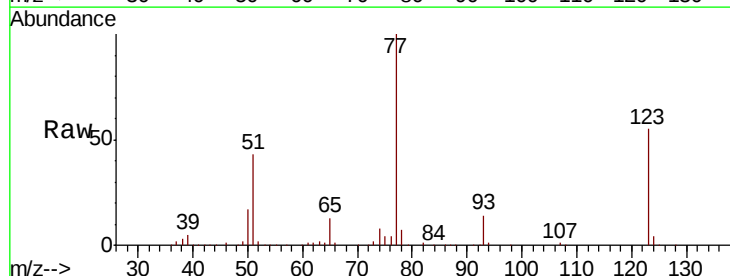


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

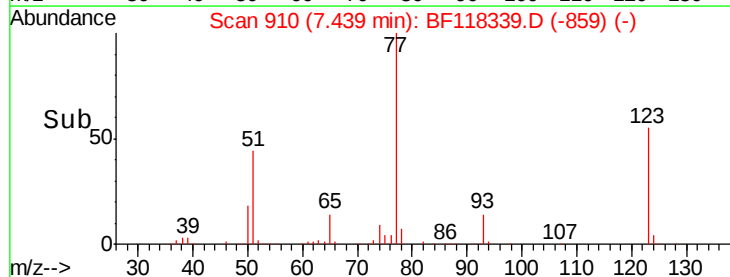
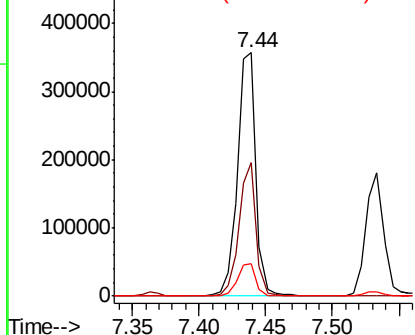


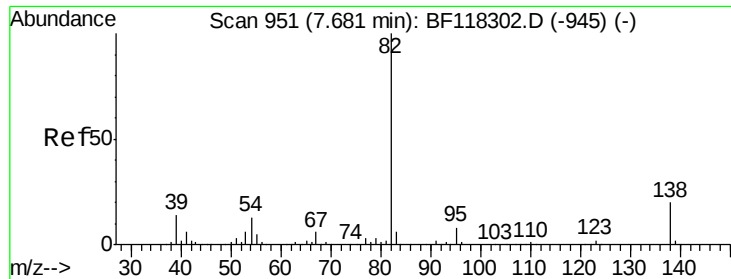
#24
Nitrobenzene
Concen: 30.652 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 77 Resp: 342252
Ion Ratio Lower Upper
77 100
123 54.7 39.1 58.7
65 13.3 10.6 16.0



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

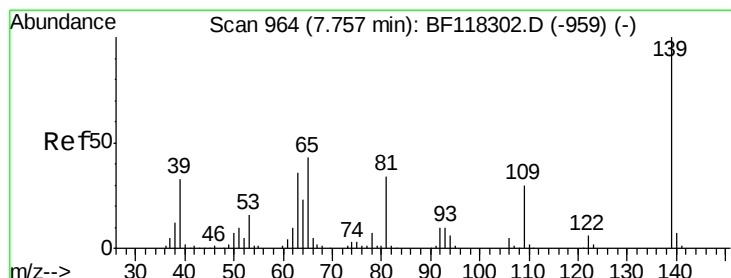
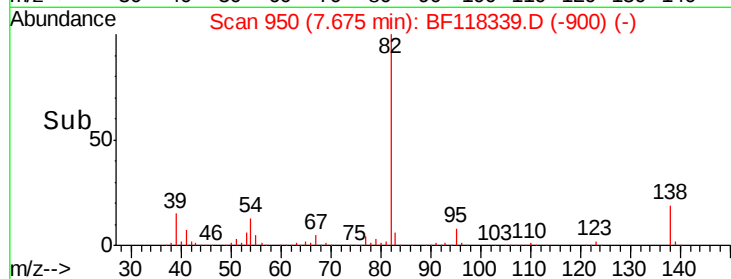
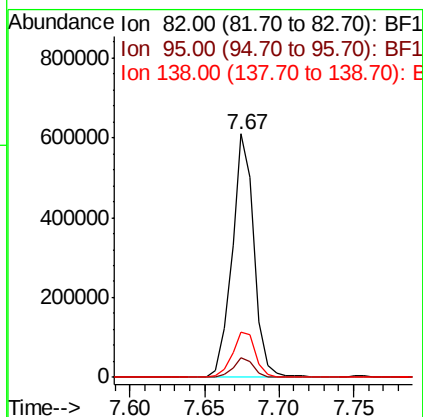
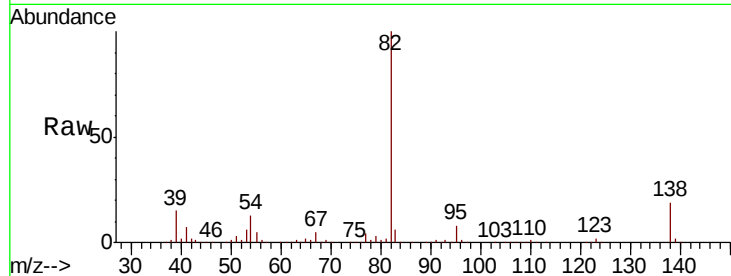




#25
Isophorone
Concen: 32.357 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

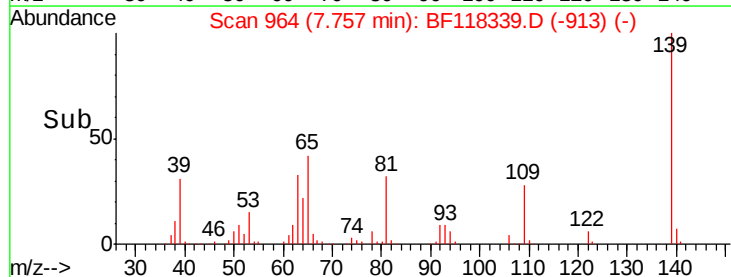
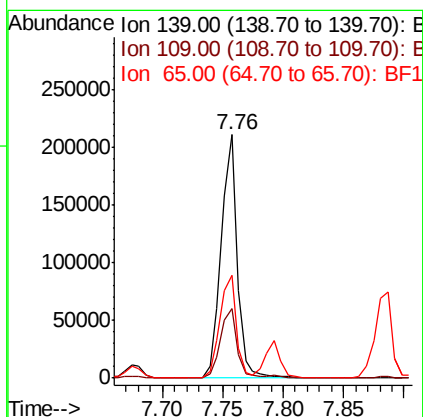
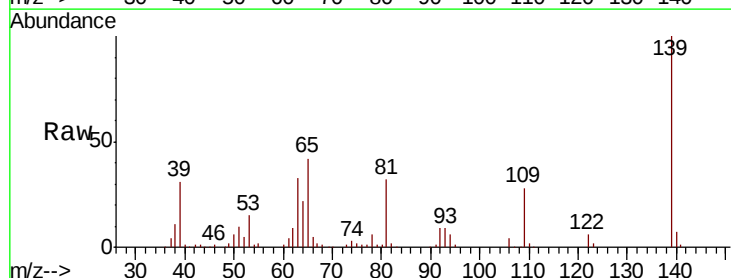
Instrument :
BNA_F
ClientSampleId :

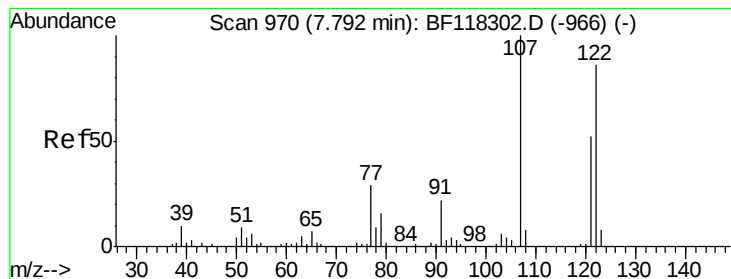
Tot Ion: 82 Resp: 628564
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 18.8 16.2 24.2



#26
2-Nitrophenol
Concen: 32.708 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 139 Resp: 193441
Ion Ratio Lower Upper
139 100
109 28.3 24.1 36.1
65 42.2 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 37.353 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampled :

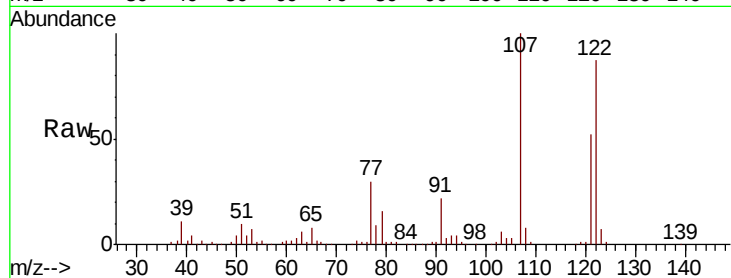
Tot Ion:122 Resp: 301408

Ion Ratio Lower Upper

122 100

107 115.1 92.9 139.3

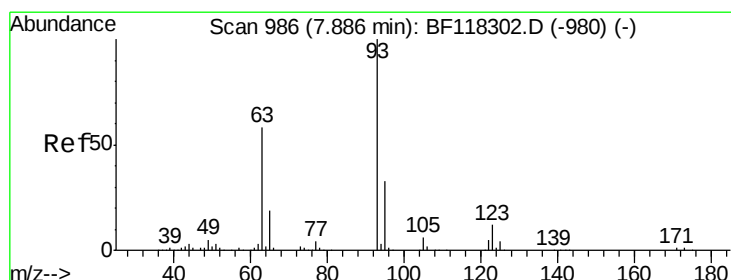
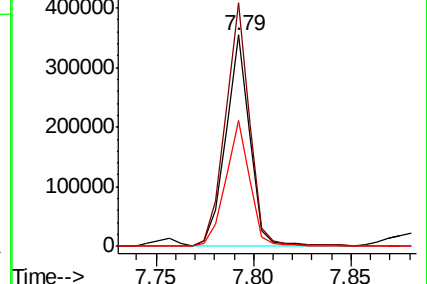
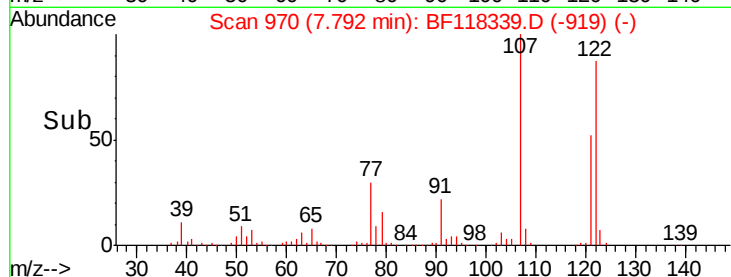
121 59.7 47.9 71.9



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: 30.641 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

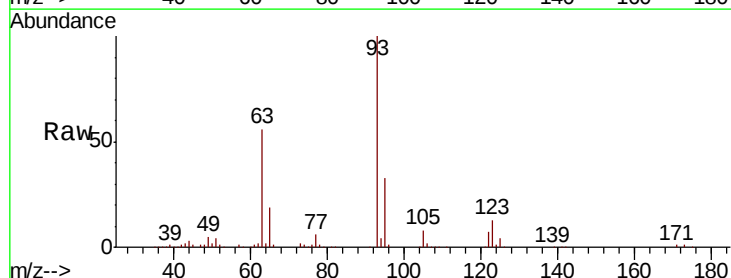
Tgt Ion: 93 Resp: 389272

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

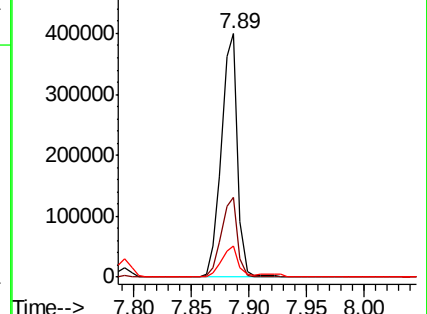
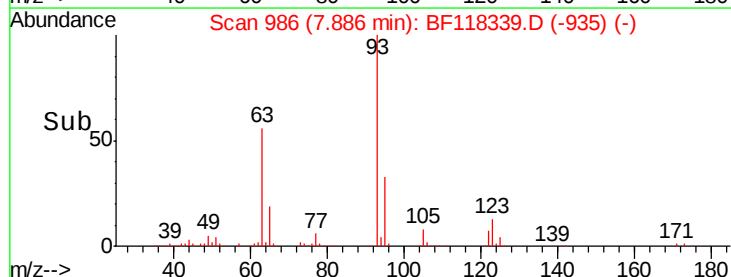
123 12.7 9.8 14.8

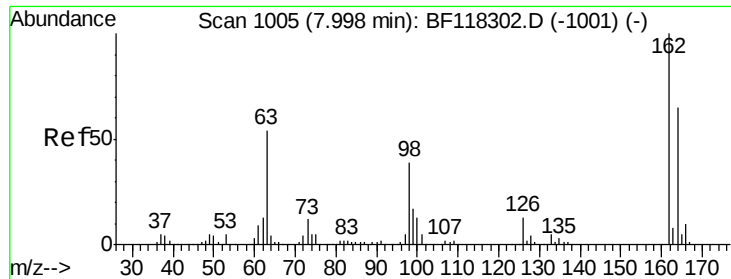


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

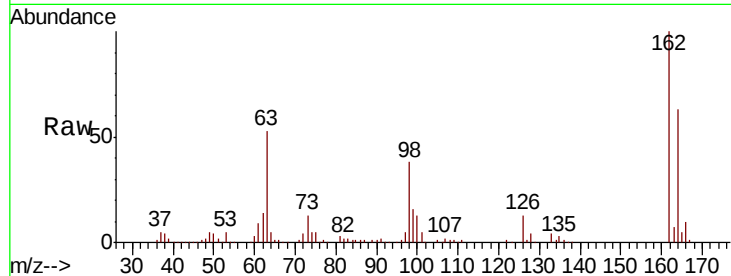




#29
 2,4-Dichlorophenol
 Concen: 31.994 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.1	85.1
98	37.6	18.6	58.6

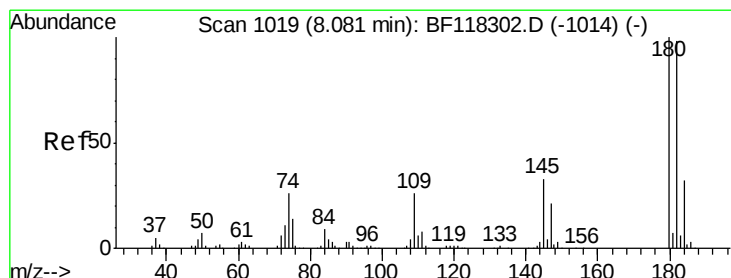
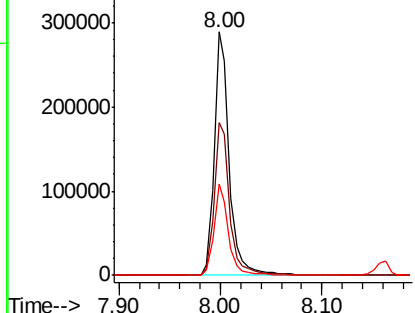
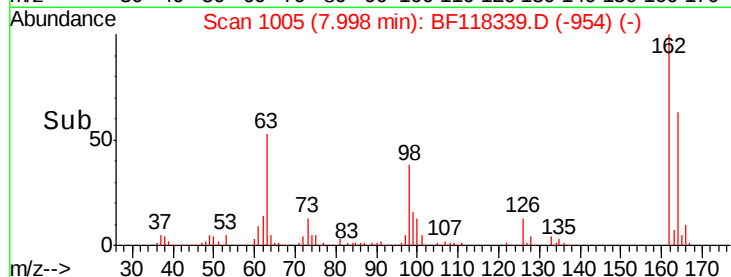


Abundance

Ion 162.00 (161.70 to 162.70): E

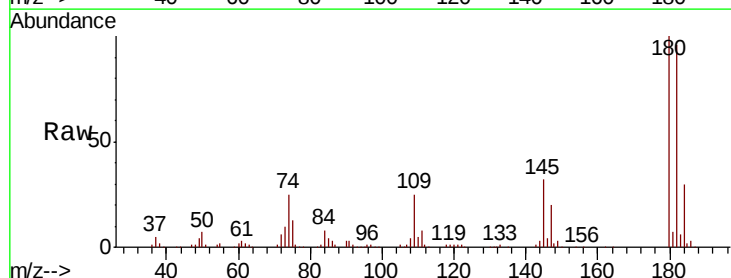
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.495 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.3	117.5
145	31.9	26.7	40.1

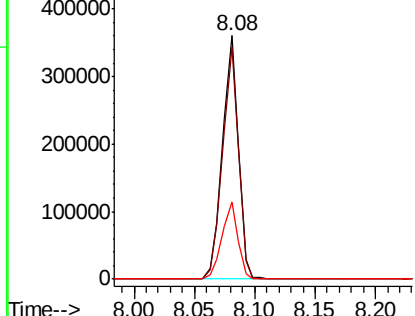
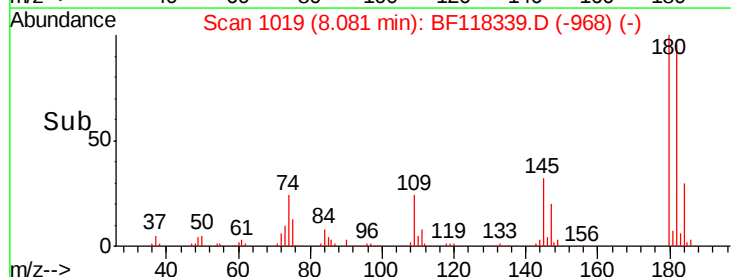


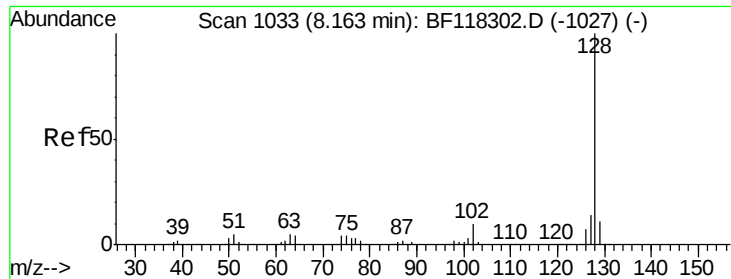
Abundance

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

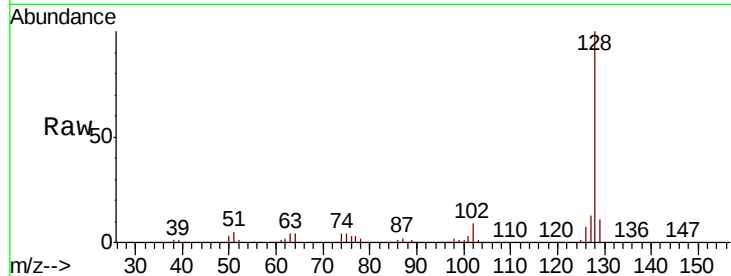




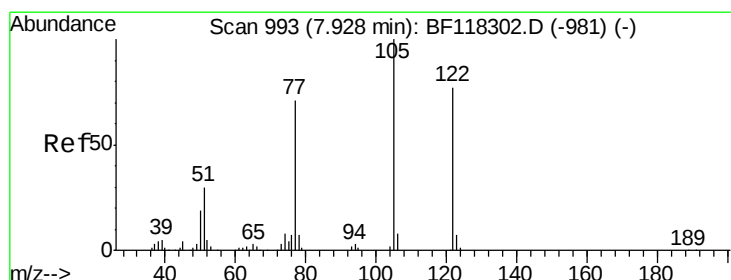
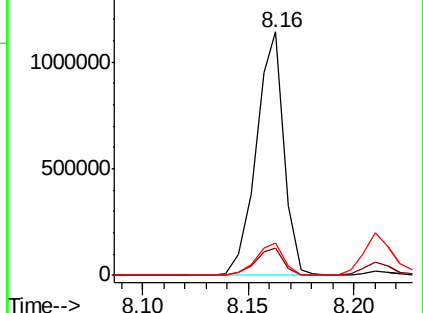
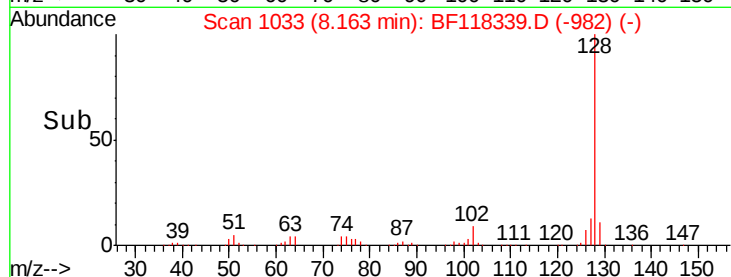
#31
Naphthalene
Concen: 32.074 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1039295
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.4 11.0 16.4

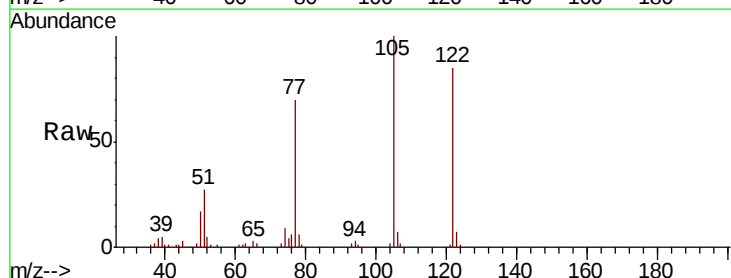


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

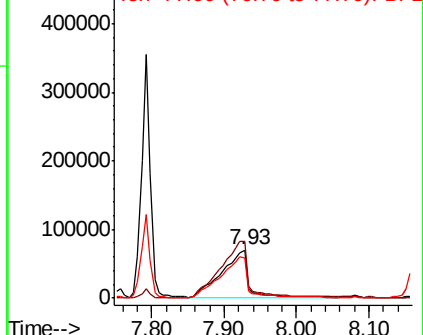
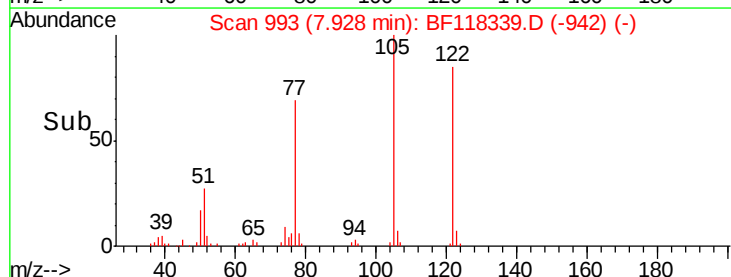


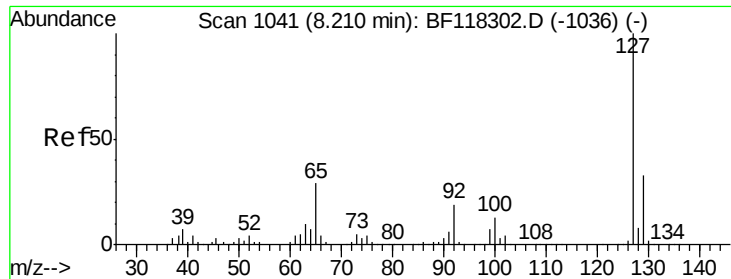
#32
Benzoic acid
Concen: 28.687 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:122 Resp: 177818
Ion Ratio Lower Upper
122 100
105 118.1 106.8 146.8
77 82.7 70.4 110.4



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

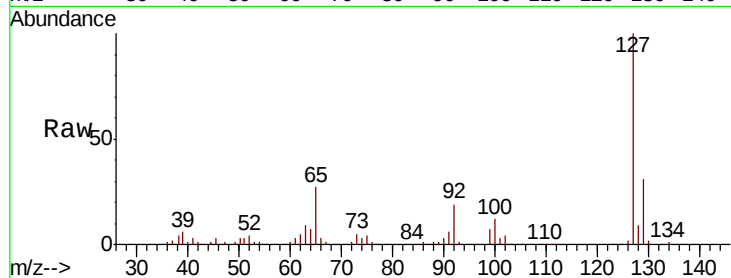




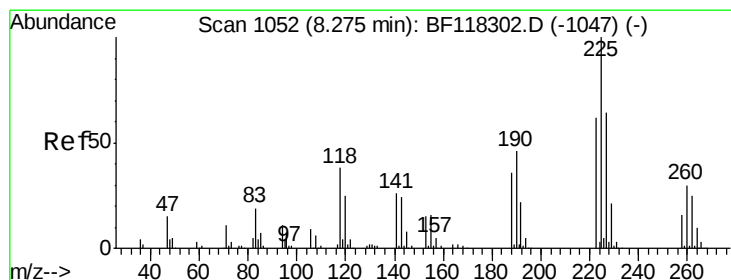
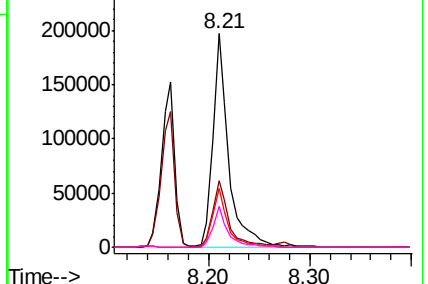
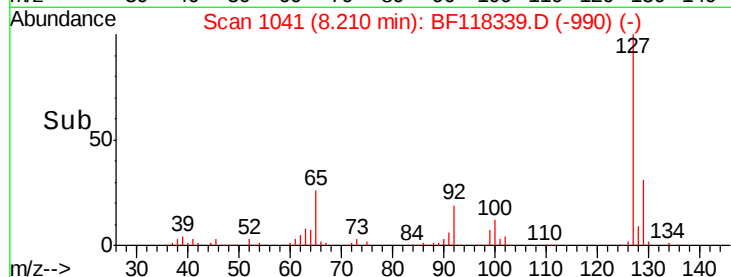
#33
4-Chloroaniline
Concen: 15.319 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 212794
Ion Ratio Lower Upper
127 100
129 31.3 26.5 39.7
65 27.4 22.8 34.2
92 19.1 15.5 23.3

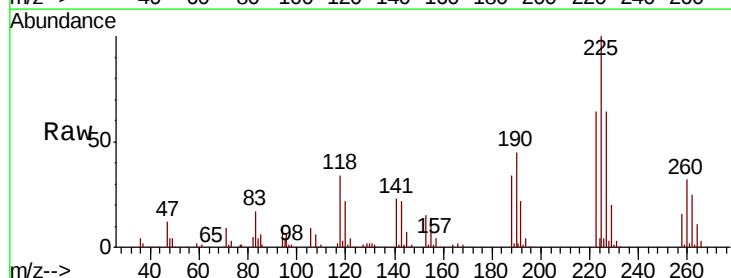


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

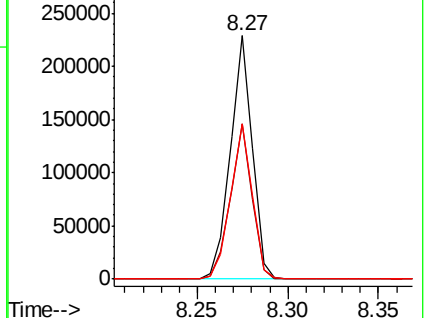
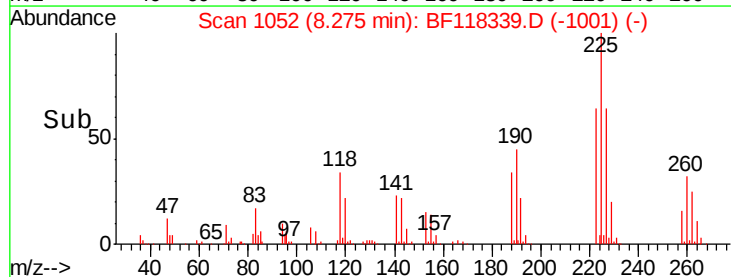


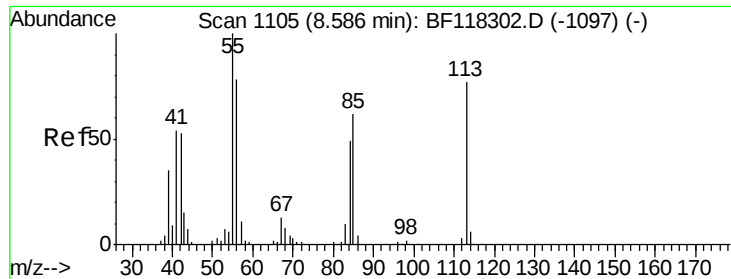
#34
Hexachlorobutadiene
Concen: 29.950 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:225 Resp: 192879
Ion Ratio Lower Upper
225 100
223 63.8 49.5 74.3
227 63.6 51.0 76.4



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

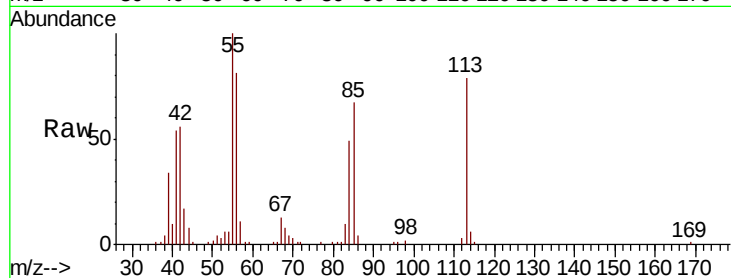




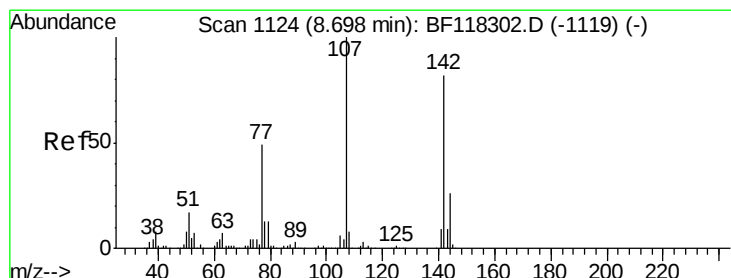
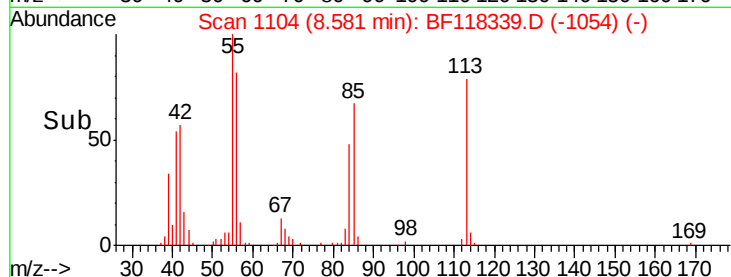
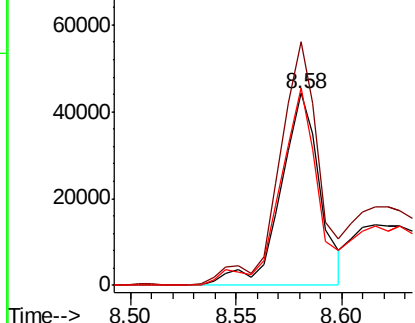
#35
Caprolactam
Concen: 19.713 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 57159
Ion Ratio Lower Upper
113 100
55 126.8 109.8 149.8
56 102.7 81.7 121.7

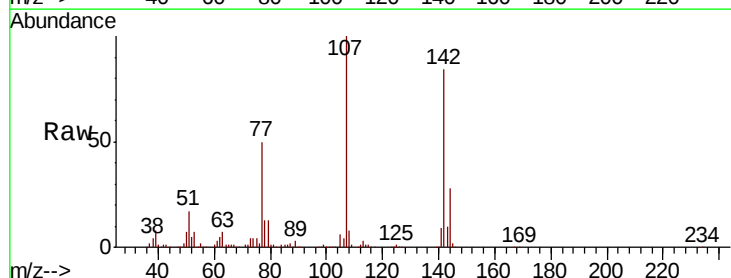


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

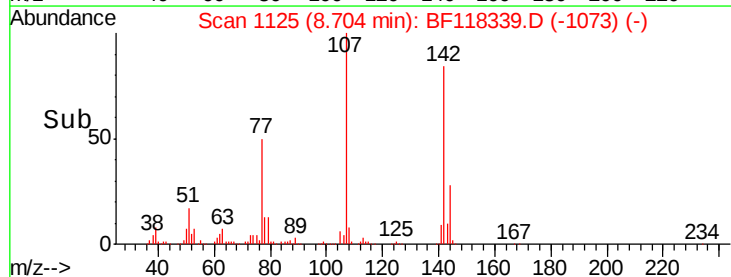
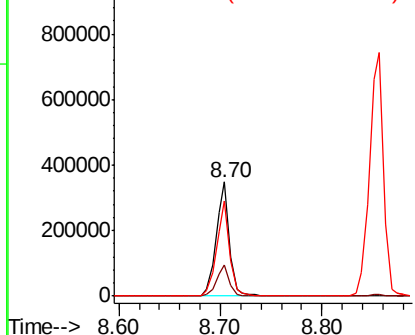


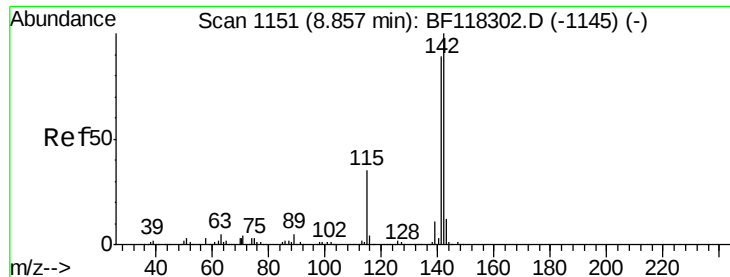
#36
4-Chloro-3-methylphenol
Concen: 31.432 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:107 Resp: 313424
Ion Ratio Lower Upper
107 100
144 27.6 21.2 31.8
142 83.5 65.4 98.2



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

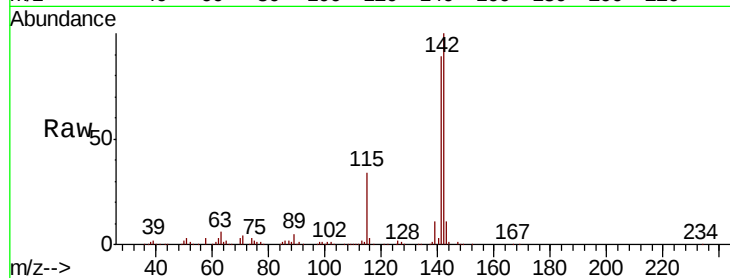




#37
2-Methylnaphthalene
Concen: 32.267 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.2	106.8
115	34.2	28.0	42.0

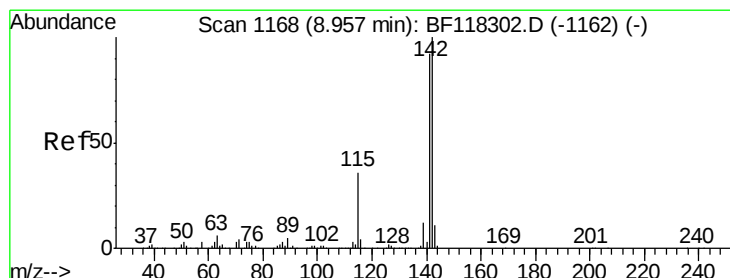
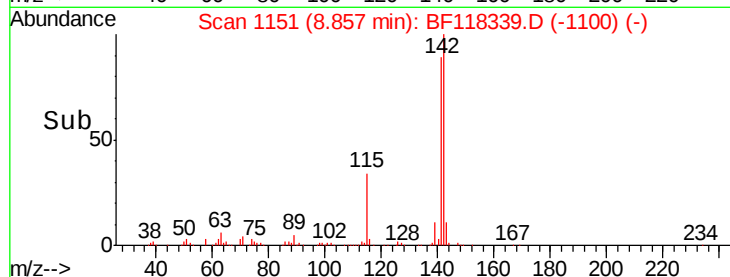
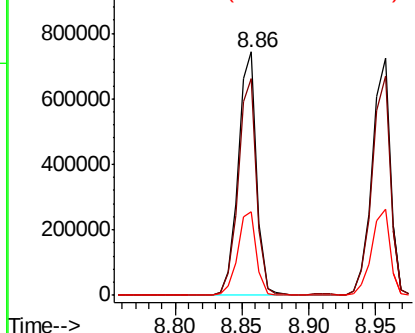


Abundance

Ion 142.00 (141.70 to 142.70): E

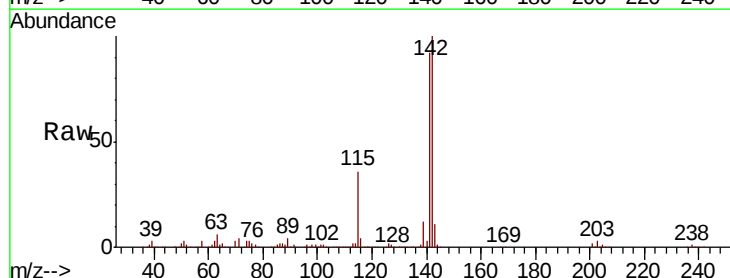
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 32.160 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
116	3.5	2.9	4.3

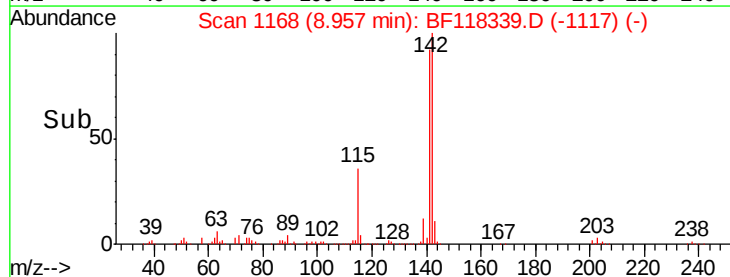
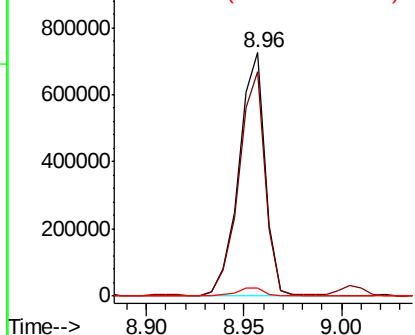


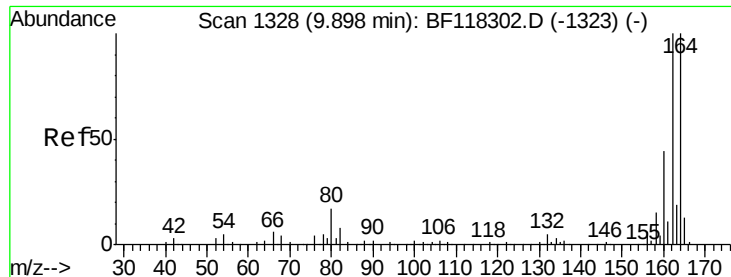
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampled :

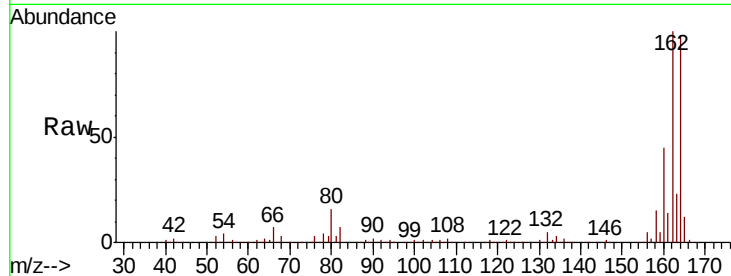
Tot Ion:164 Resp: 347713

Ion Ratio Lower Upper

164 100

162 101.8 80.0 120.0

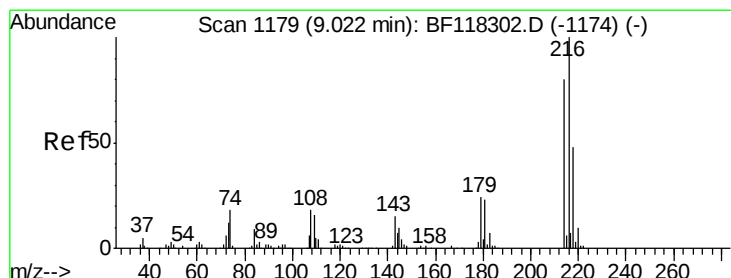
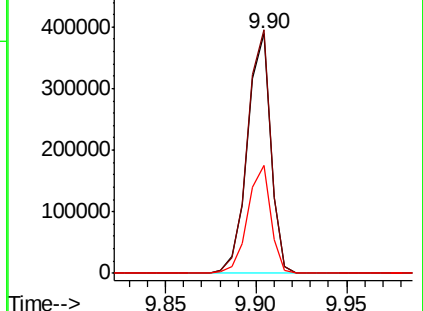
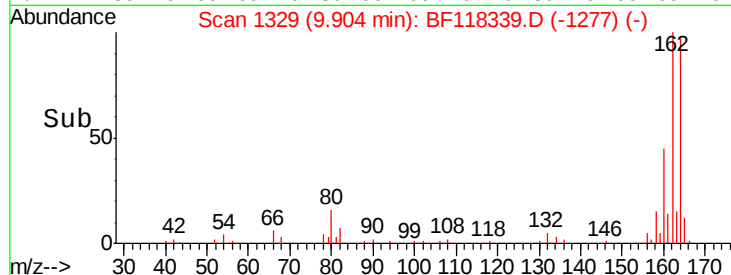
160 45.3 34.8 52.2



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: 29.859 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Tgt Ion:216 Resp: 311940

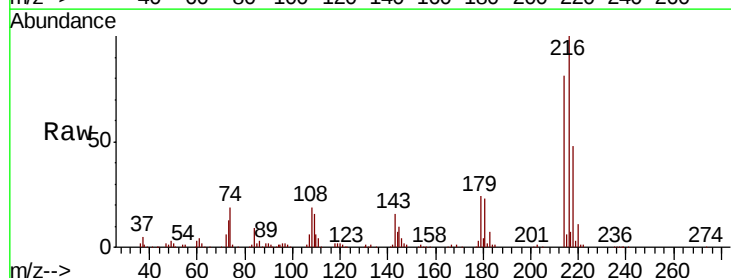
Ion Ratio Lower Upper

216 100

214 78.8 63.3 94.9

179 23.1 18.9 28.3

108 20.0 15.0 22.6

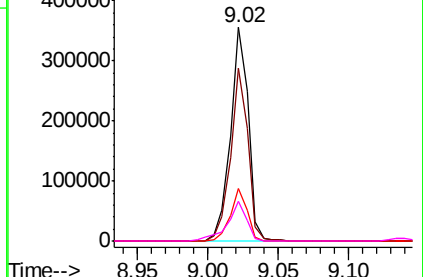
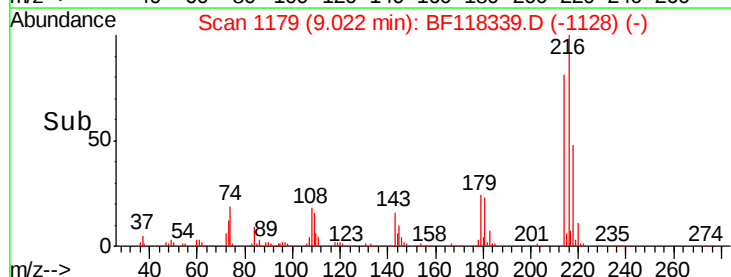


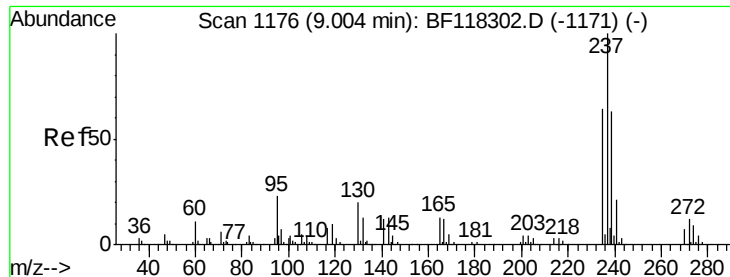
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.915 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

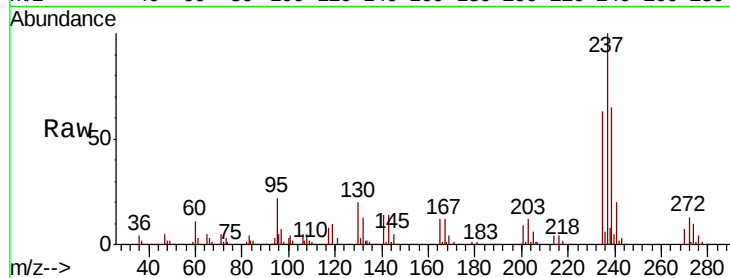
Tot Ion:237 Resp: 217615

Ion Ratio Lower Upper

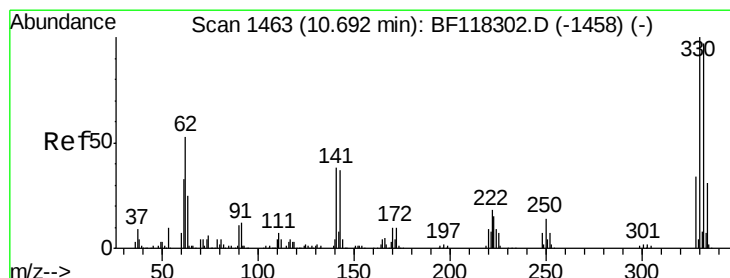
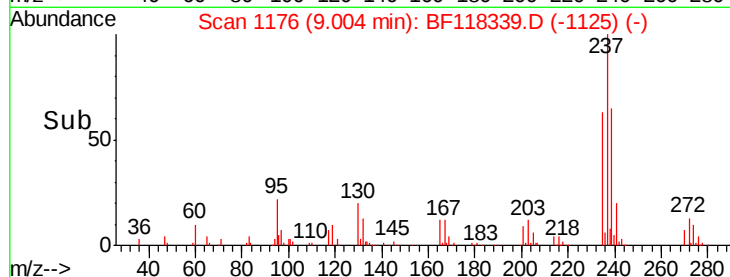
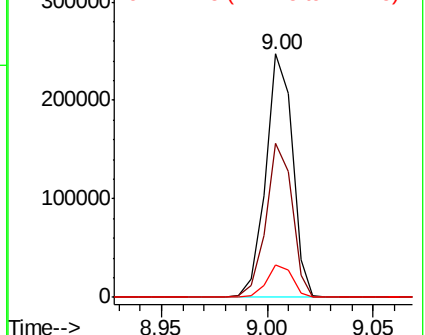
237 100

235 63.4 43.8 83.8

272 13.4 0.0 31.7



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: 83.552 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

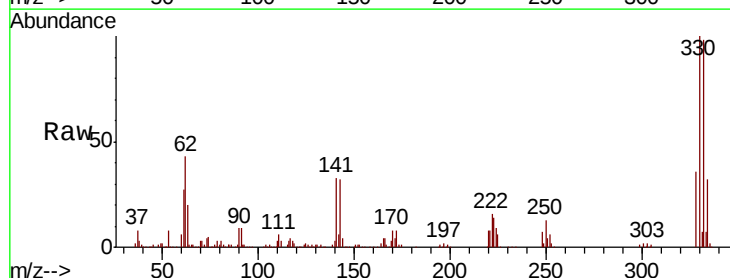
Tgt Ion:330 Resp: 358773

Ion Ratio Lower Upper

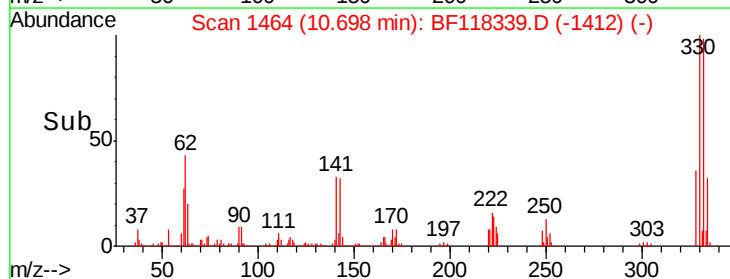
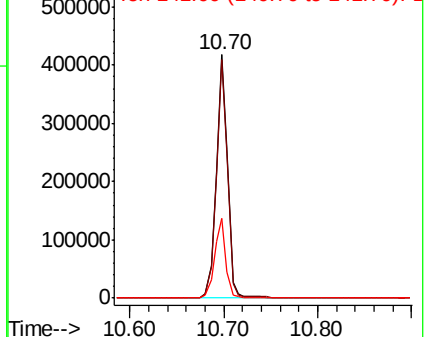
330 100

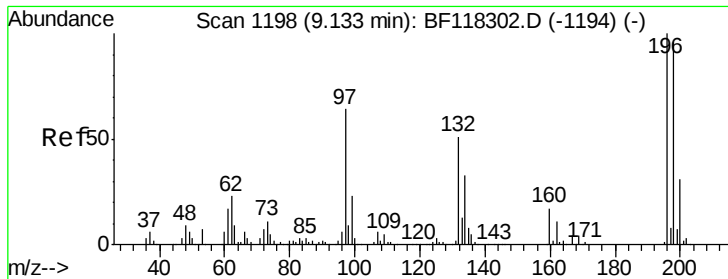
332 97.2 76.6 114.8

141 32.2 26.0 39.0



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

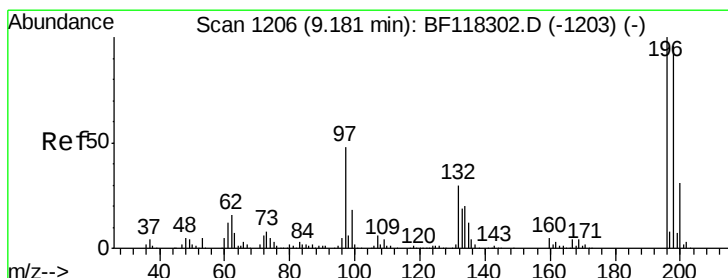
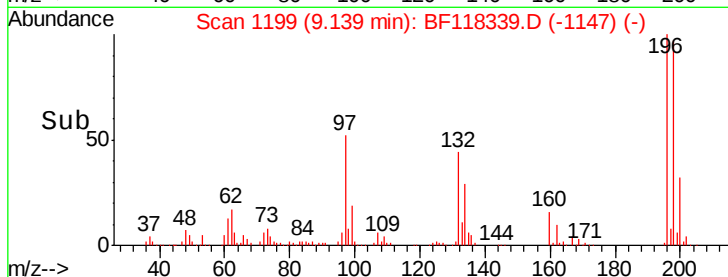
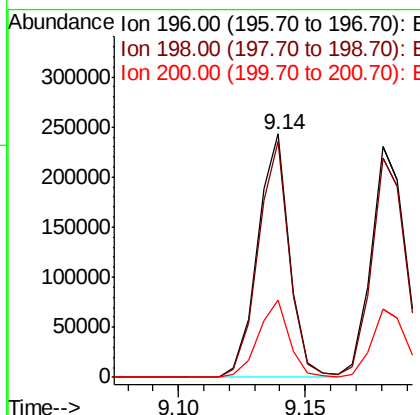
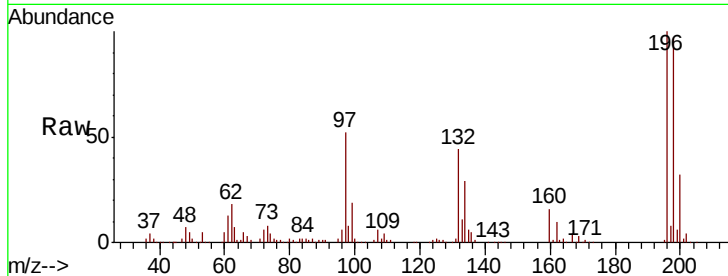




#43
 2,4,6-Trichlorophenol
 Concen: 30.635 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

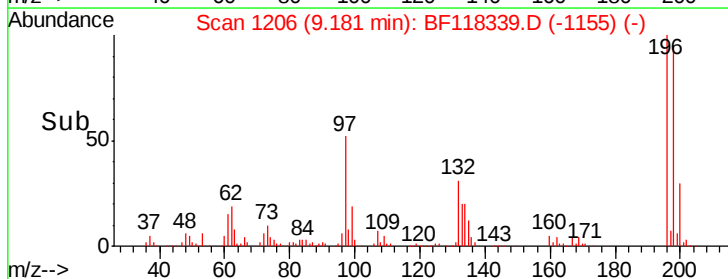
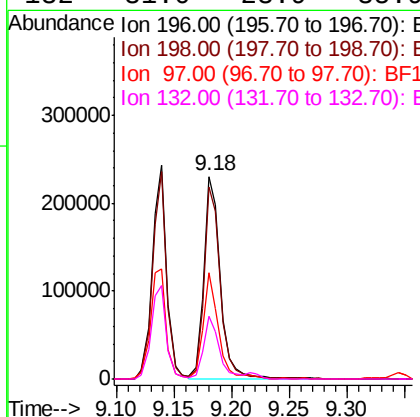
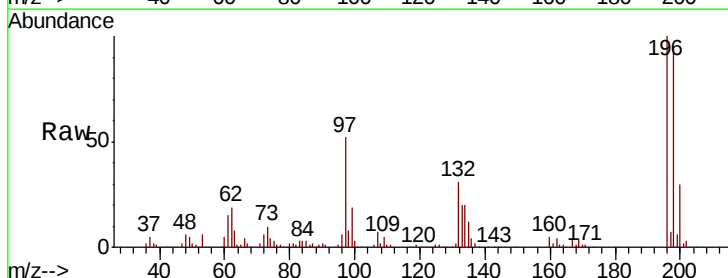
Instrument :
 BNA_F
 ClientSampleId :

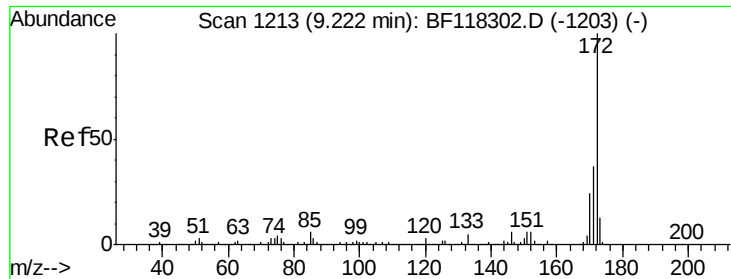
Tot Ion:196 Resp: 213818
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 200 31.8 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 32.094 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion:196 Resp: 230434
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.0 115.4
 97 52.5 38.9 58.3
 132 31.0 23.9 35.9

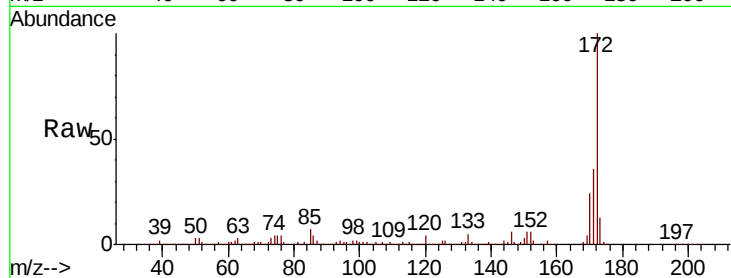




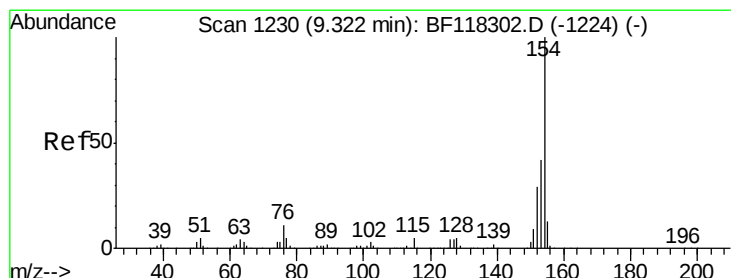
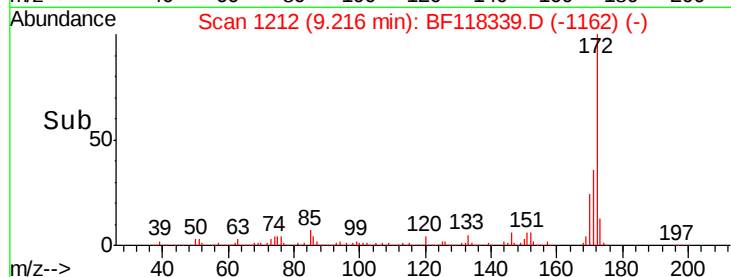
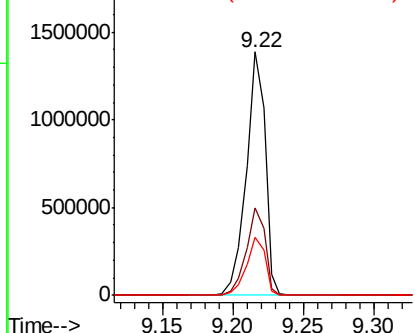
#45
2-Fluorobiphenyl
Concen: 57.153 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1301891
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 24.0 19.2 28.8

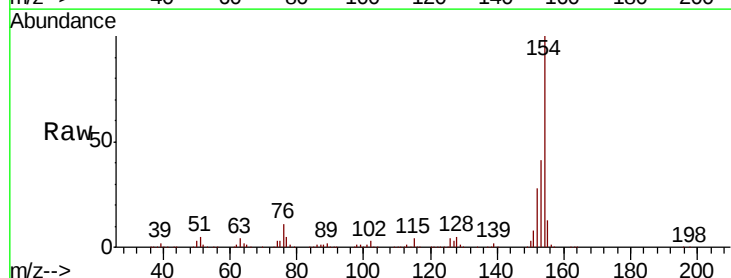


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

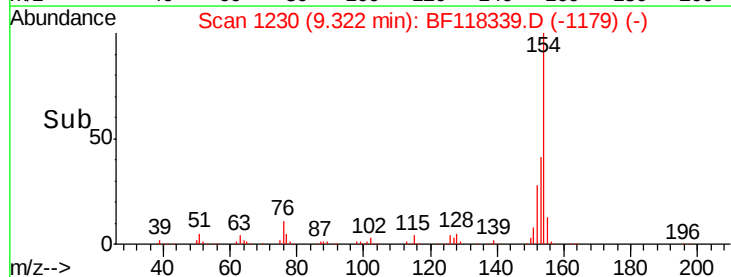
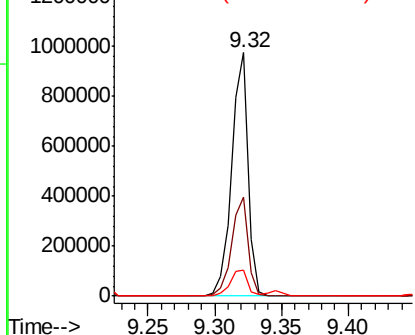


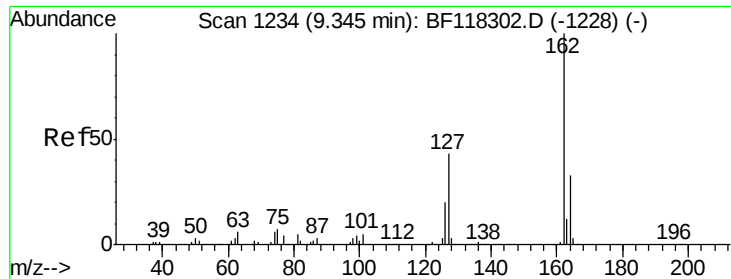
#46
1,1'-Biphenyl
Concen: 30.815 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:154 Resp: 847478
Ion Ratio Lower Upper
154 100
153 40.8 21.8 61.8
76 10.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

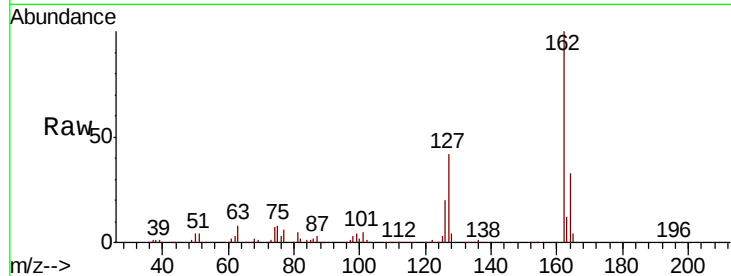




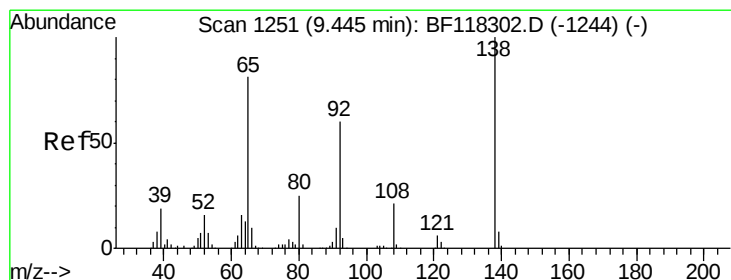
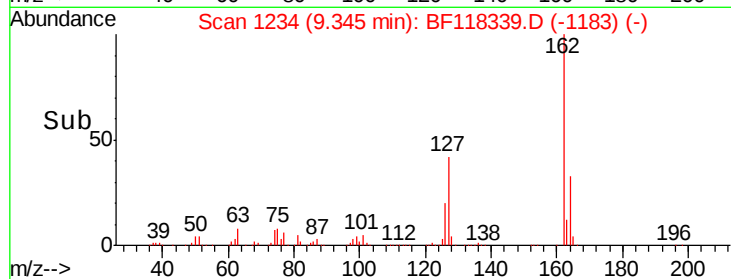
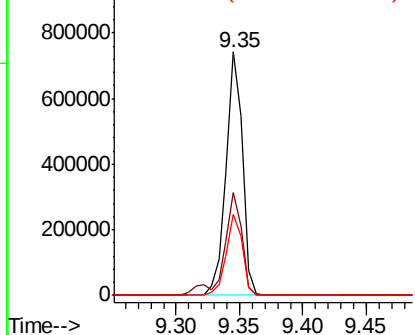
#47
2-Chloronaphthalene
Concen: 30.073 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.3	26.6	40.0

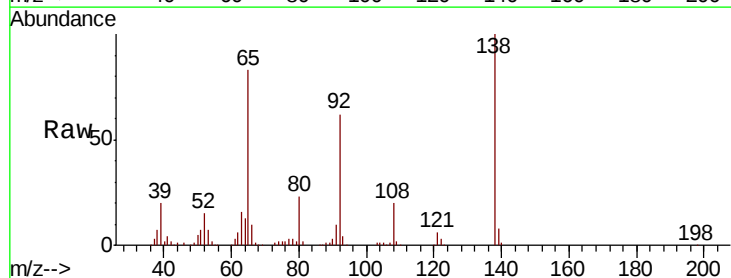


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

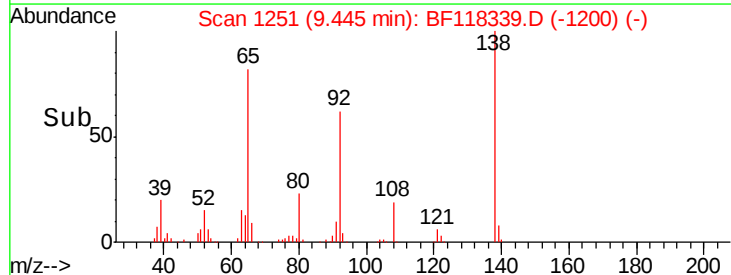
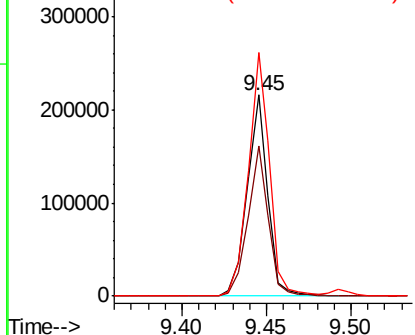


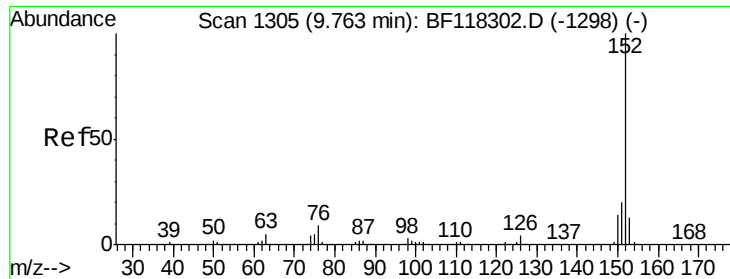
#48
2-Nitroaniline
Concen: 29.465 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	58.7	88.1
138	121.0	98.5	147.7



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





#49

Acenaphthylene

Concen: 32.281 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

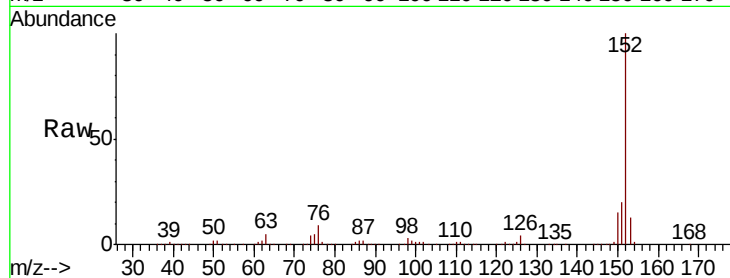
Tot Ion:152 Resp: 1059727

Ion Ratio Lower Upper

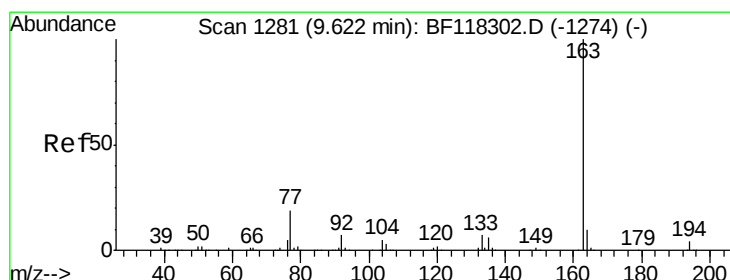
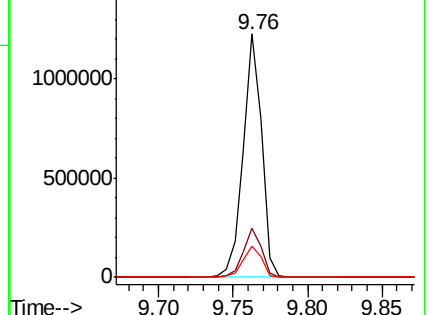
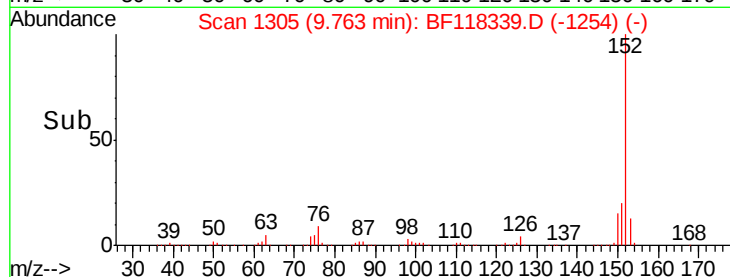
152 100

151 20.1 16.2 24.2

153 12.9 10.5 15.7



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: 34.014 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

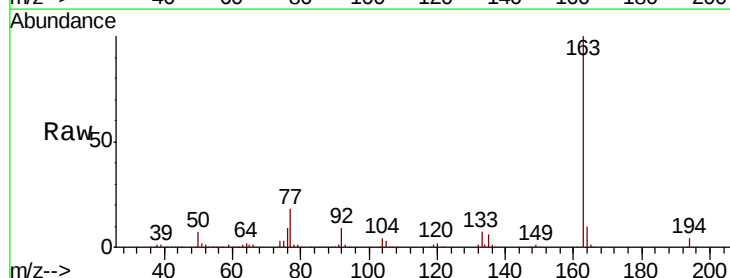
Tgt Ion:163 Resp: 887783

Ion Ratio Lower Upper

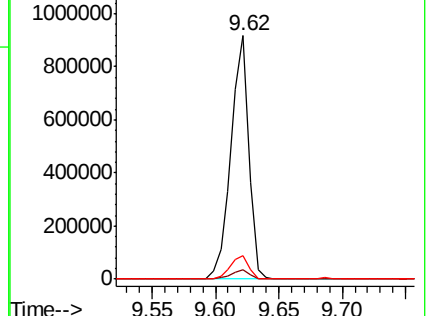
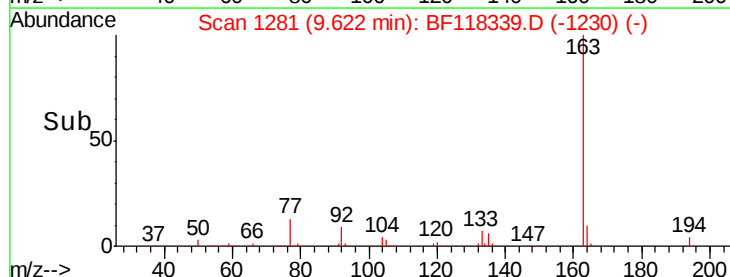
163 100

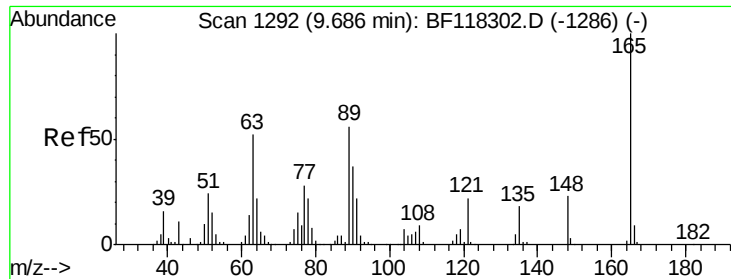
194 3.9 3.2 4.8

164 9.8 7.9 11.9



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

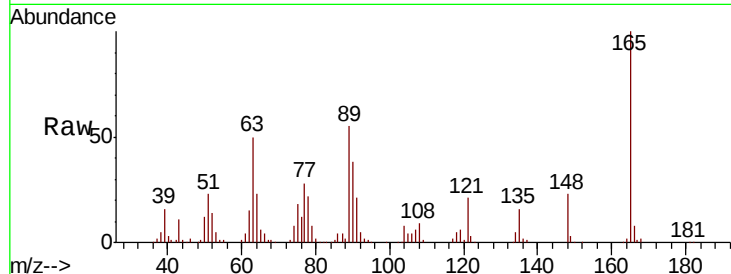




#51
2,6-Dinitrotoluene
Concen: 31.814 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	42.2	63.4
89	54.6	44.4	66.6

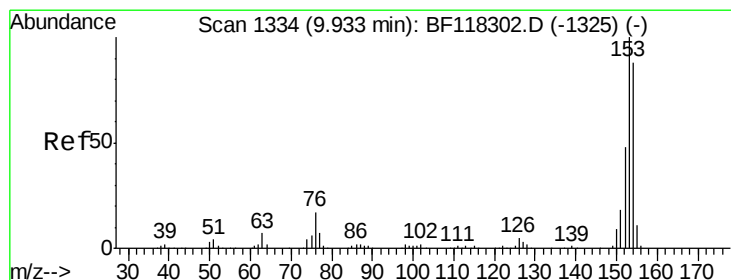
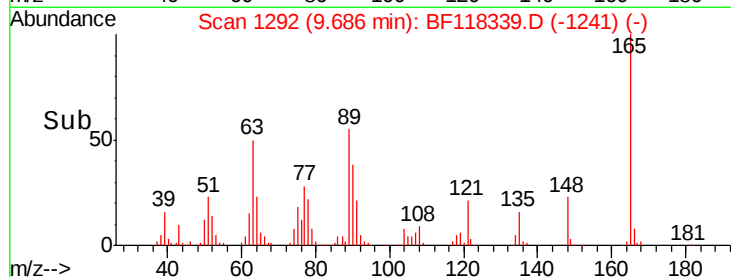
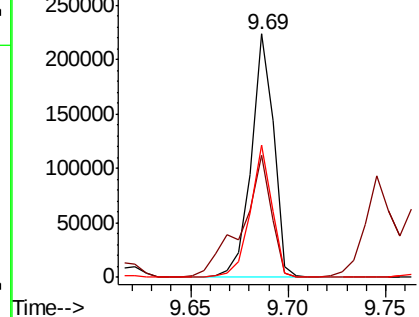


Abundance

Ion 165.00 (164.70 to 165.70): E

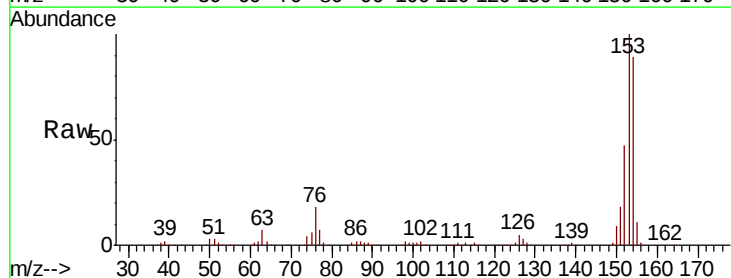
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 30.786 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	136.0
152	53.2	43.1	64.7

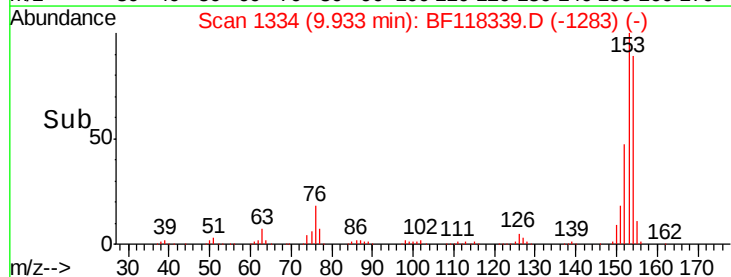
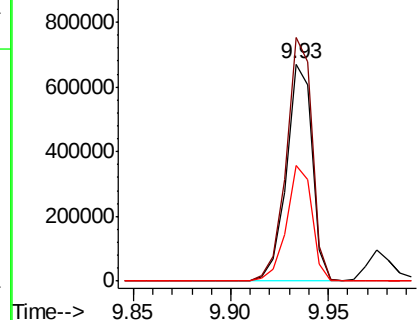


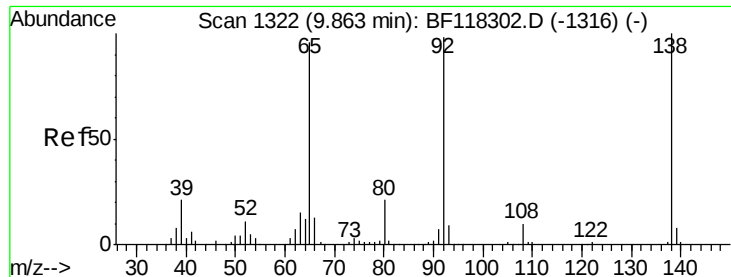
Abundance

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

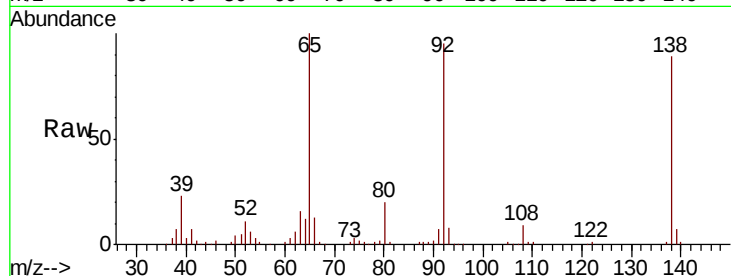




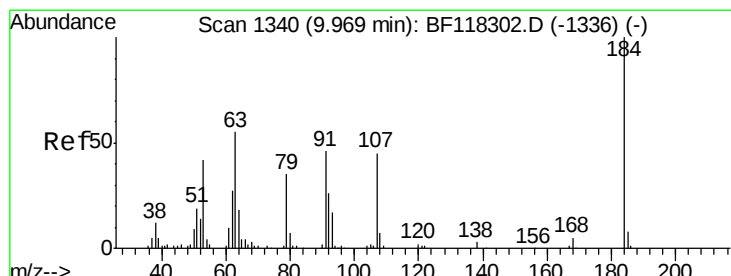
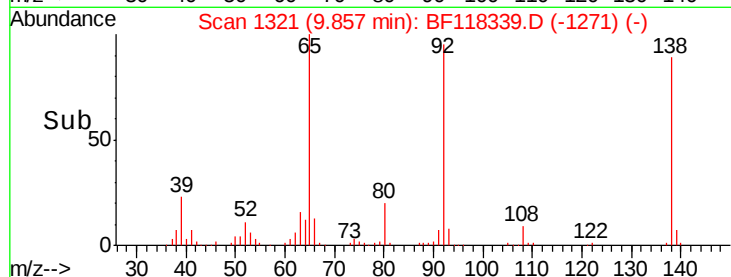
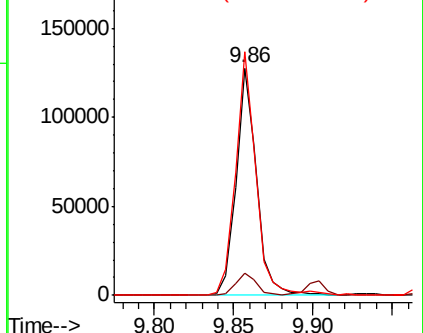
#53
3-Nitroaniline
Concen: 17.252 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113942
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 107.0 78.2 117.2

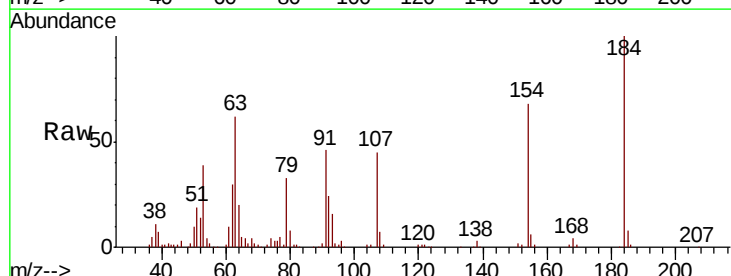


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

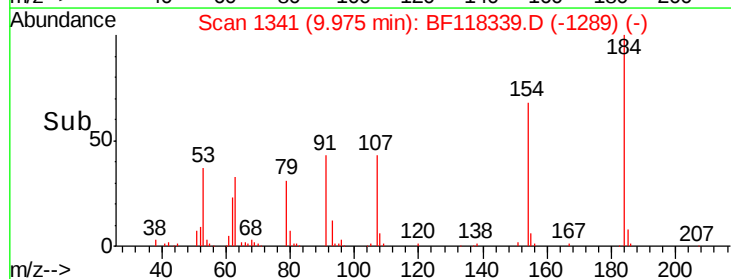
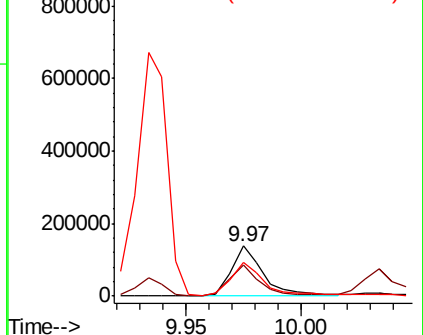


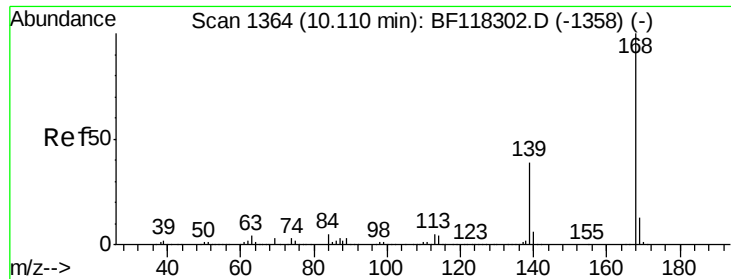
#54
2,4-Dinitrophenol
Concen: 49.642 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:184 Resp: 134877
Ion Ratio Lower Upper
184 100
63 61.8 48.8 73.2
154 68.5 55.0 82.4



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

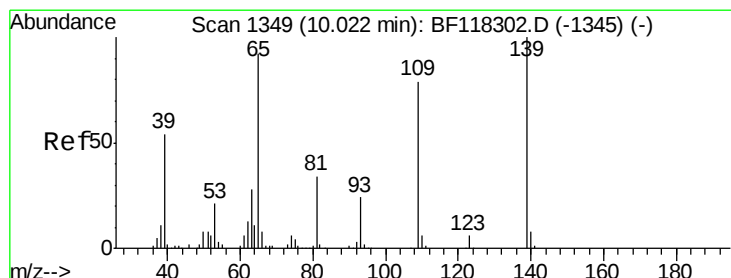
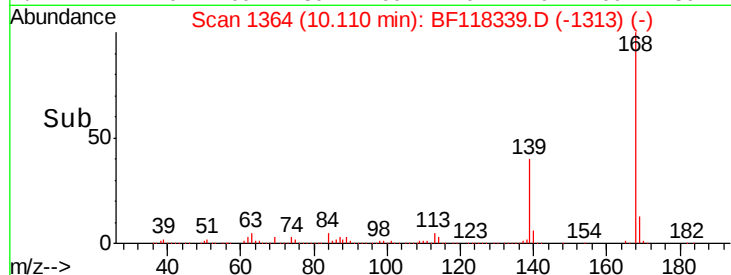
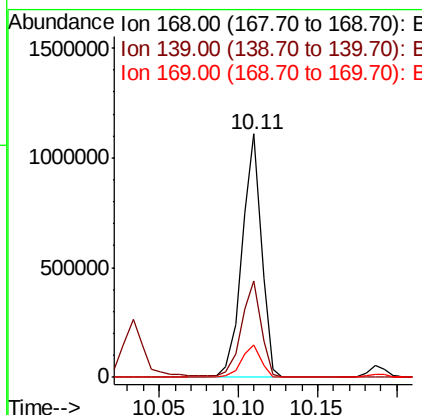
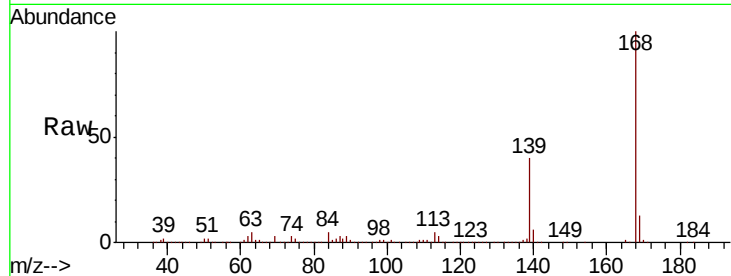




#55
Dibenzenofuran
Concen: 31.778 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

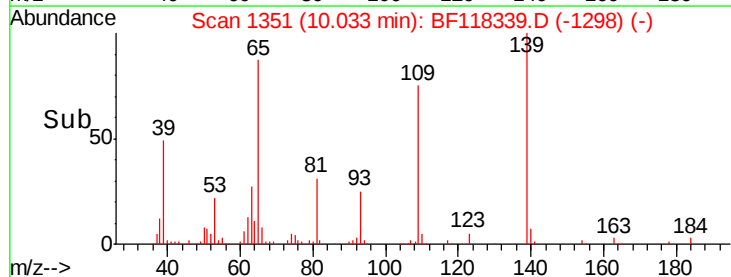
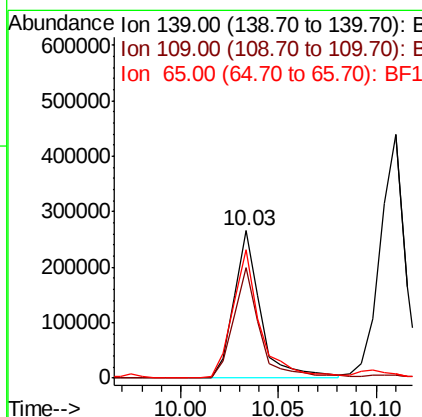
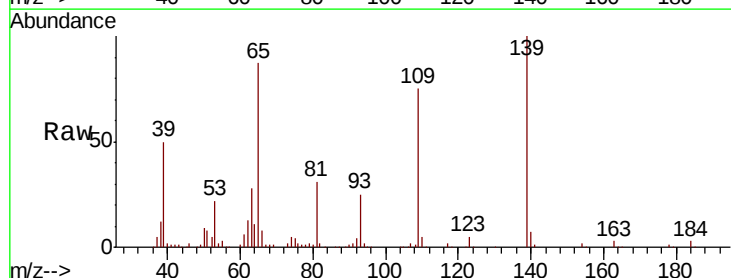
Instrument :
BNA_F
ClientSampled :

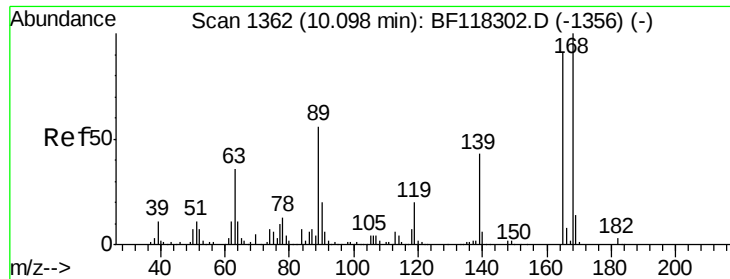
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	13.3	10.4	15.6



#56
4-Nitrophenol
Concen: 61.615 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	59.3	99.3
65	87.0	72.4	112.4

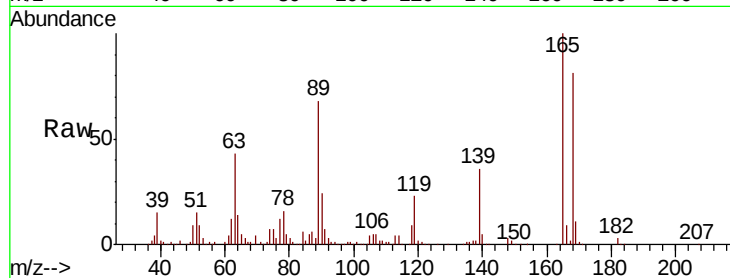




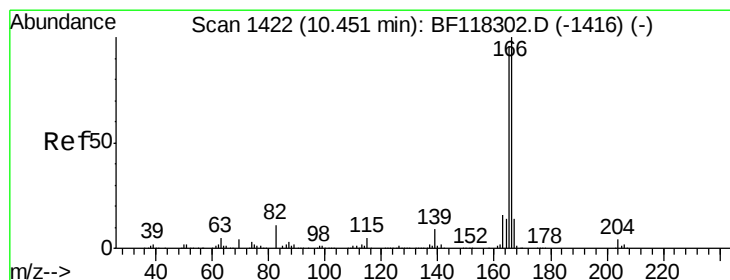
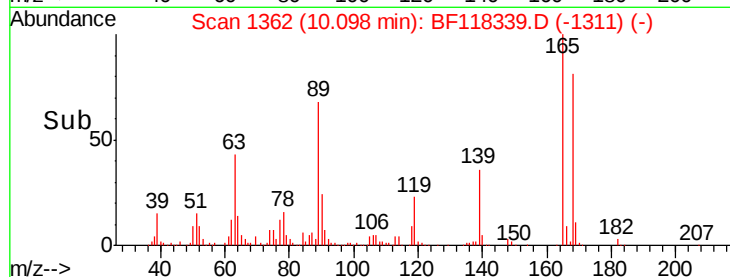
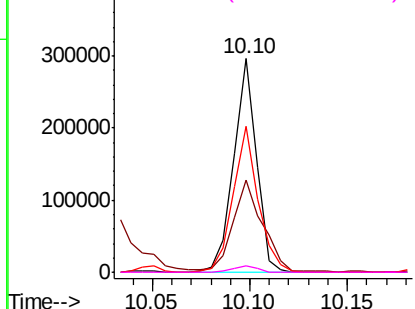
#57
2,4-Dinitrotoluene
Concen: 32.056 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 241031
Ion Ratio Lower Upper
165 100
63 43.3 32.0 48.0
89 68.1 49.3 73.9
182 2.9 2.4 3.6

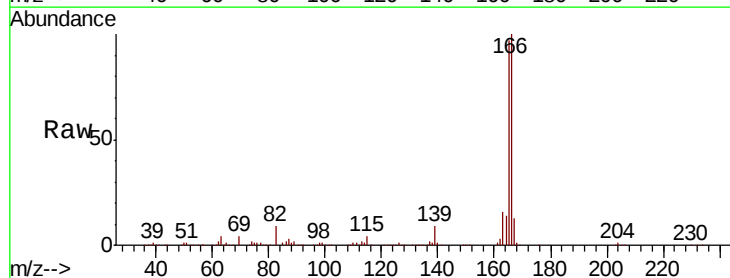


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

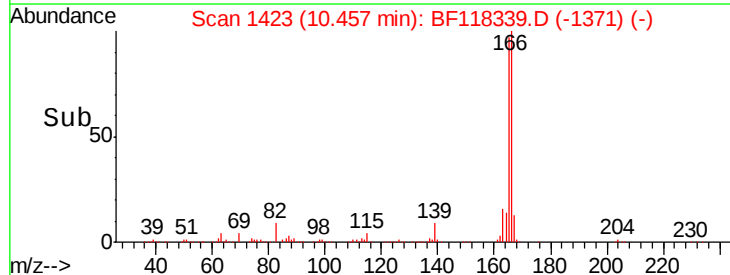
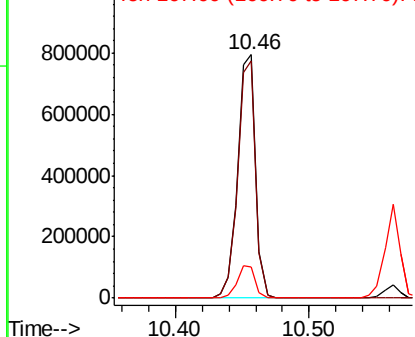


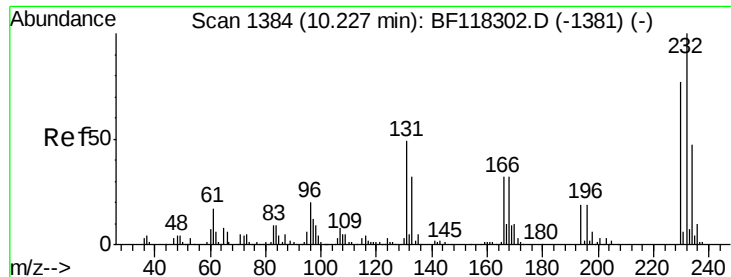
#58
Fluorene
Concen: 31.285 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:166 Resp: 746180
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.4
167 12.9 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

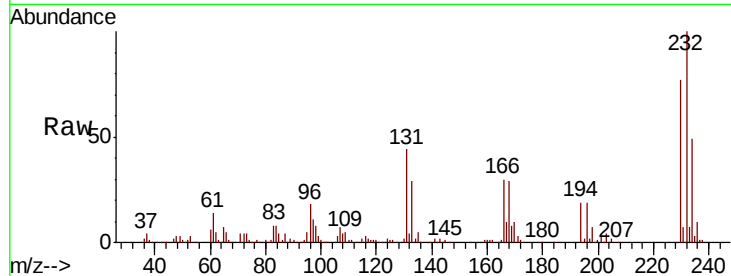




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.315 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.7	56.5
130	2.3	2.0	3.0
166	31.4	24.7	37.1



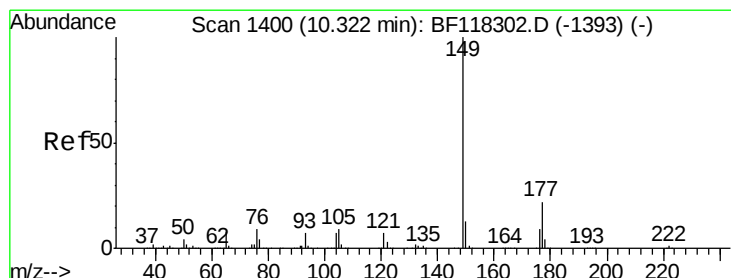
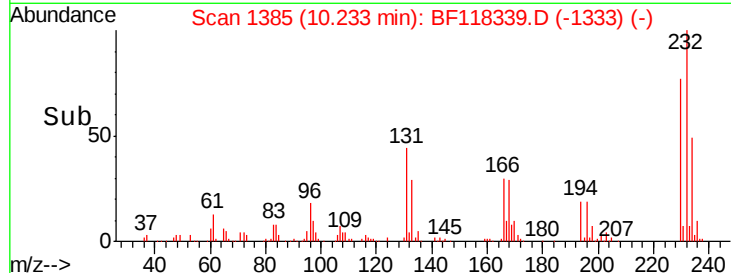
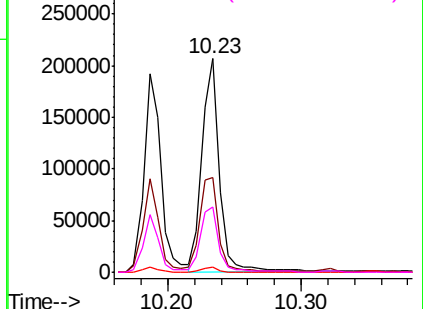
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

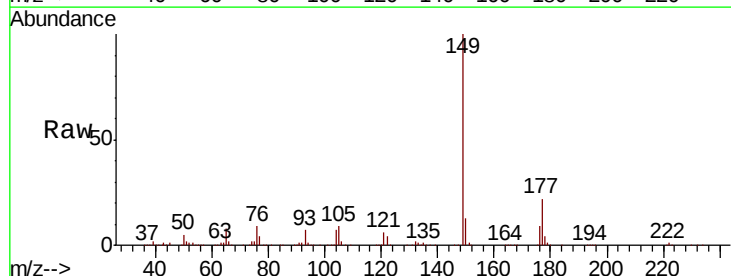
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 32.048 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.7	10.2	15.2

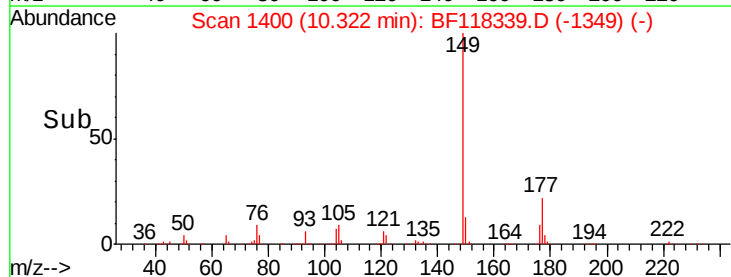
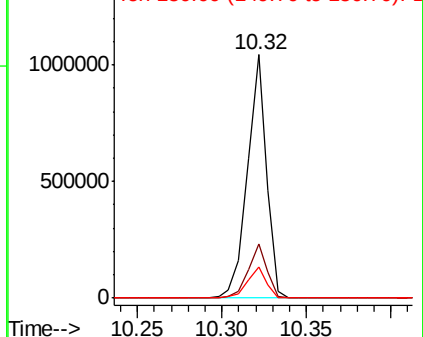


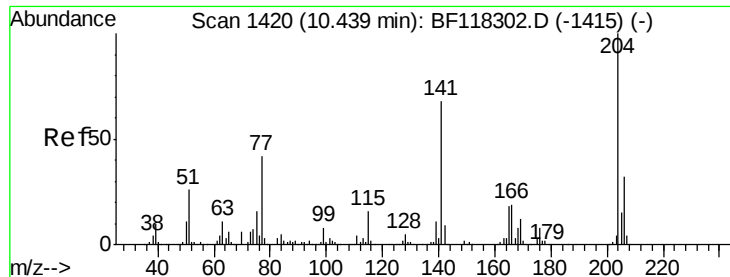
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

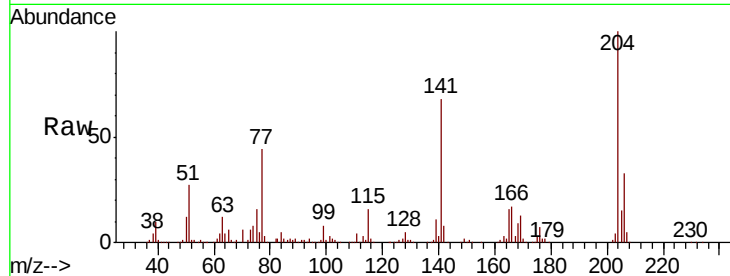




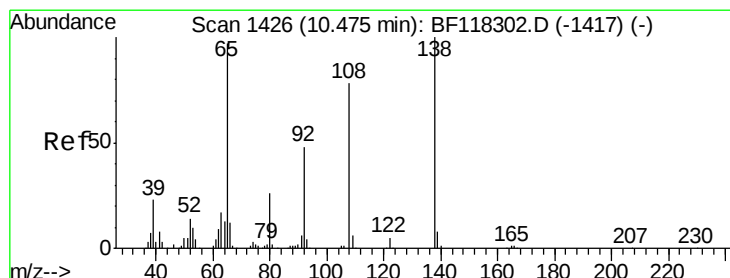
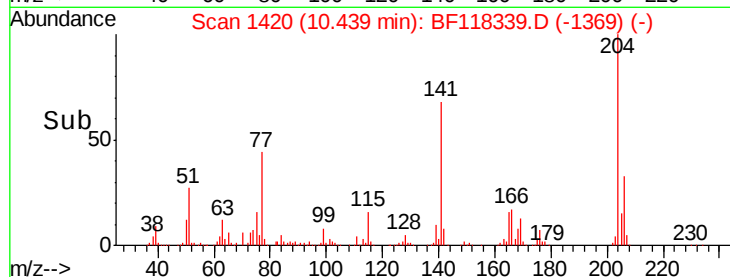
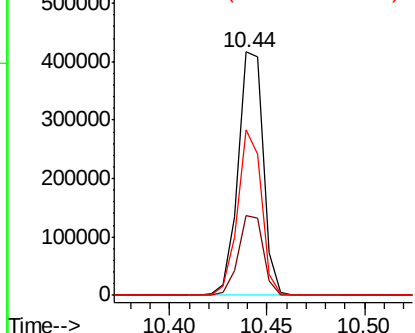
#61
4-Chlorophenyl-phenylether
Concen: 31.369 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 373490
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 68.2 54.2 81.4

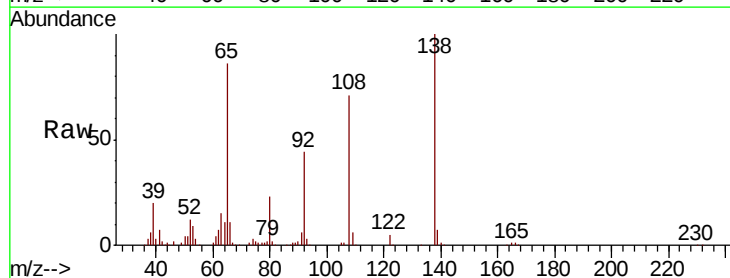


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

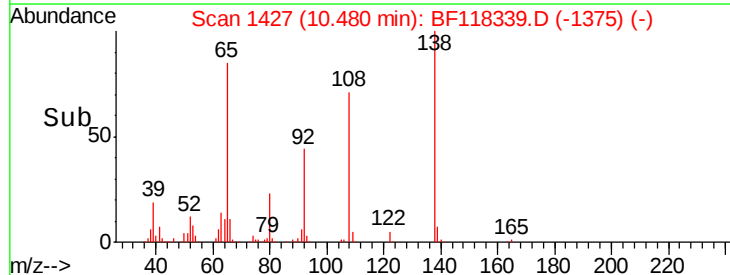
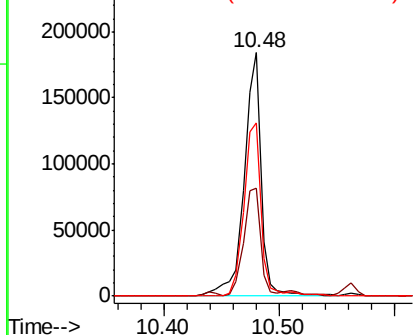


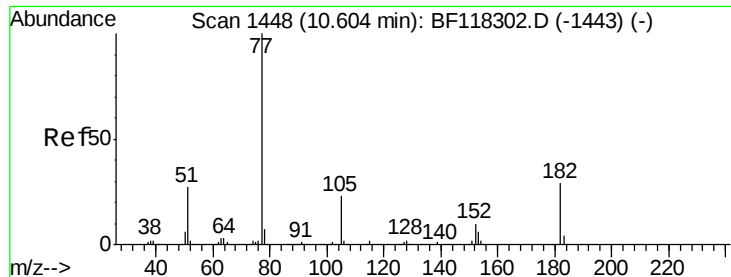
#62
4-Nitroaniline
Concen: 27.645 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:138 Resp: 189675
Ion Ratio Lower Upper
138 100
92 44.5 27.9 67.9
108 71.2 58.1 98.1



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

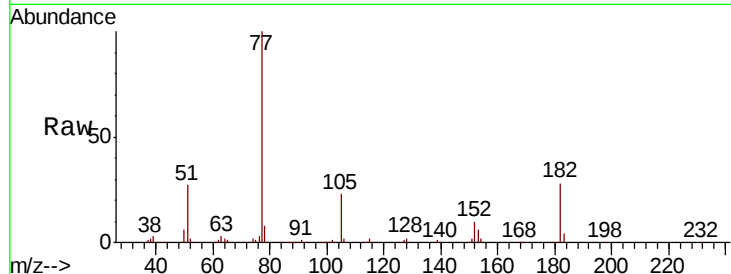




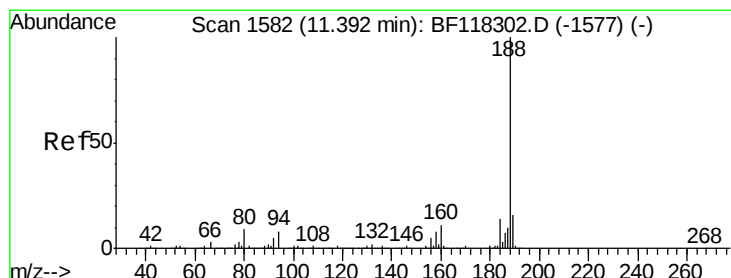
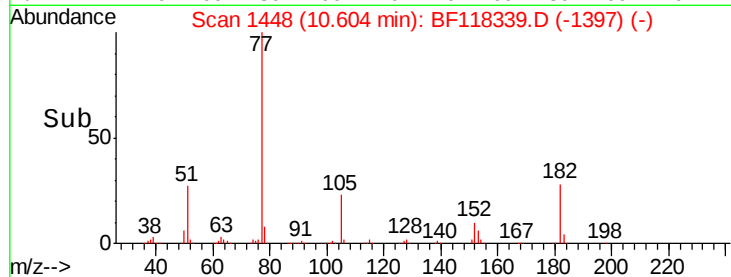
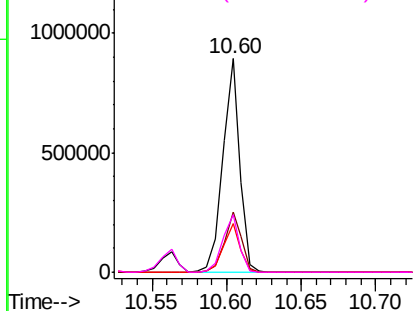
#63
Azobenzene
Concen: 32.295 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	714274
Ion	Ratio	Lower	Upper
77	100		
182	28.1	9.2	49.2
105	23.1	3.2	43.2
51	27.1	7.1	47.1

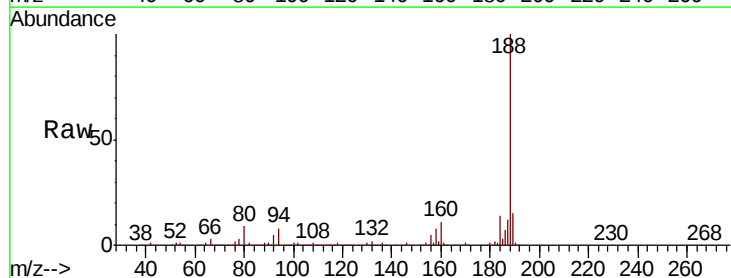


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

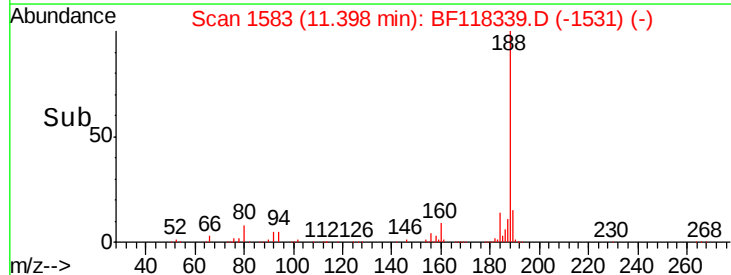
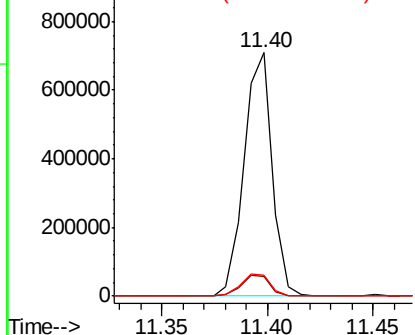


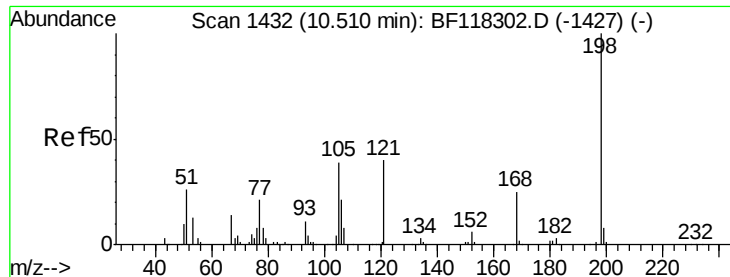
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:	188	Resp:	651202
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.6	7.2	10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 31.737 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

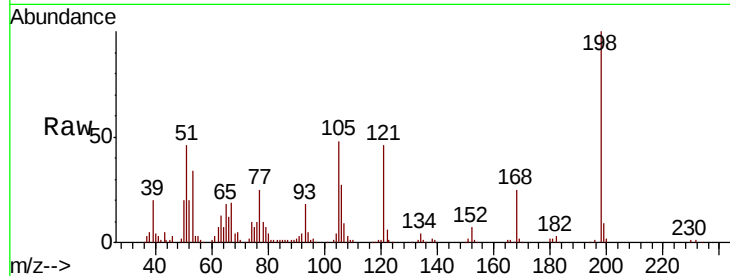
Tot Ion:198 Resp: 111493

Ion	Ratio	Lower	Upper
198	100		
51	46.3	12.8	52.8
105	48.2	20.3	60.3

198 100

51 46.3 12.8 52.8

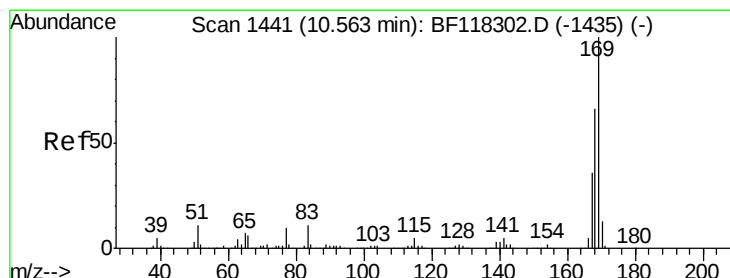
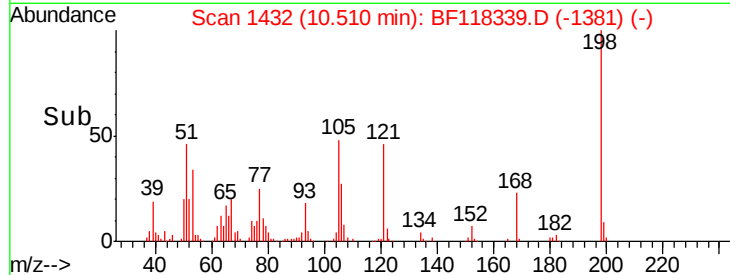
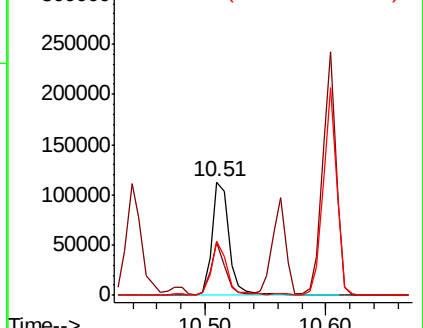
105 48.2 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.924 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

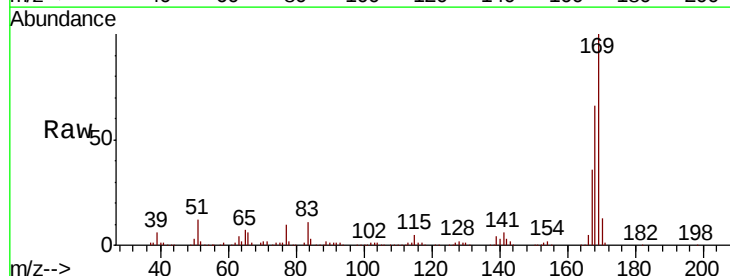
Tgt Ion:169 Resp: 666275

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.6	79.0
167	36.4	28.4	42.6

169 100

168 66.2 52.6 79.0

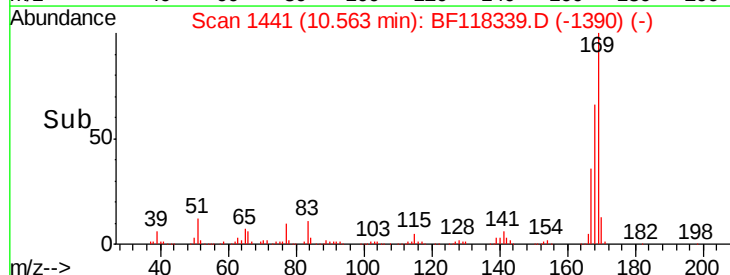
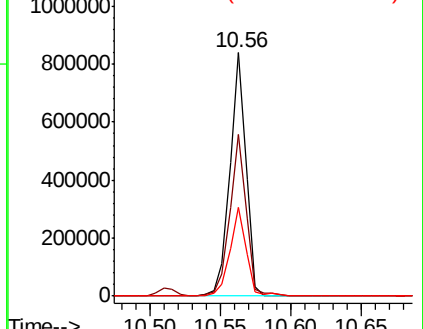
167 36.4 28.4 42.6

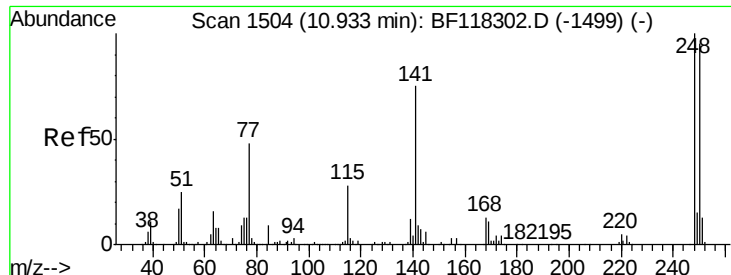


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

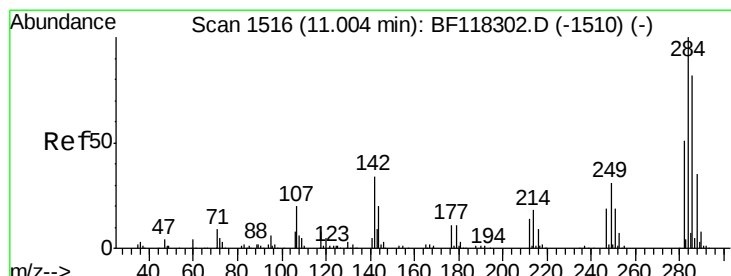
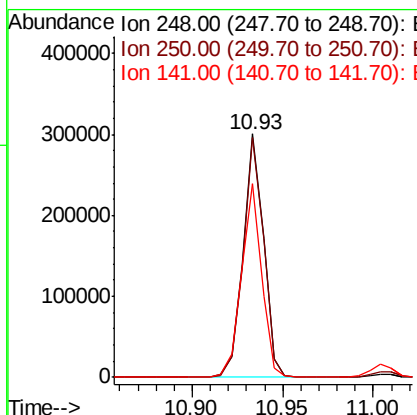
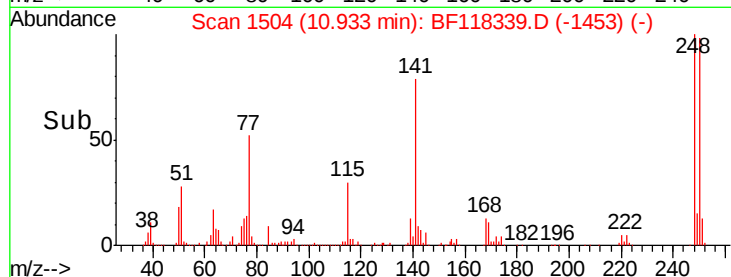
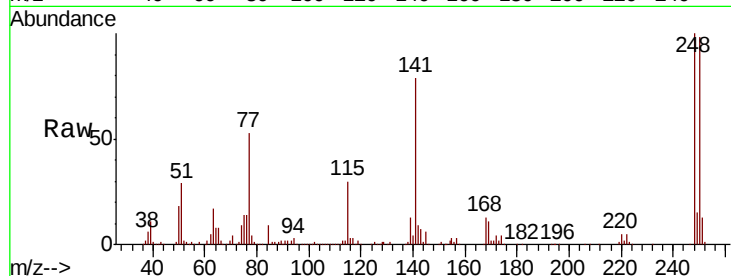




#67
 4-Bromophenyl-phenylether
 Concen: 31.058 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

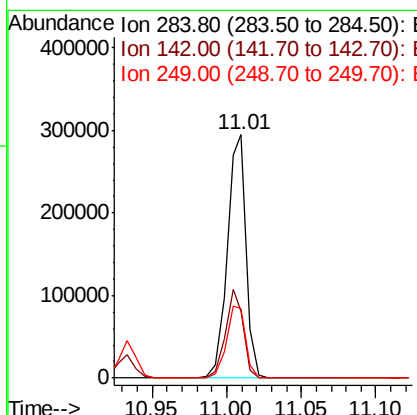
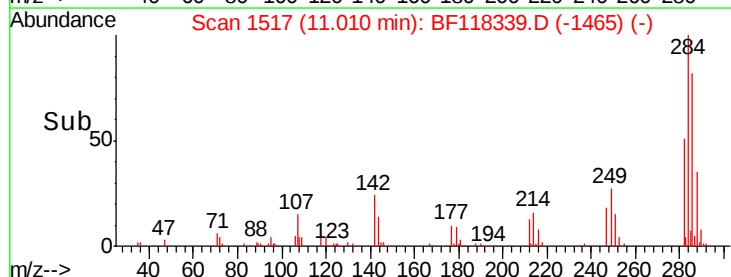
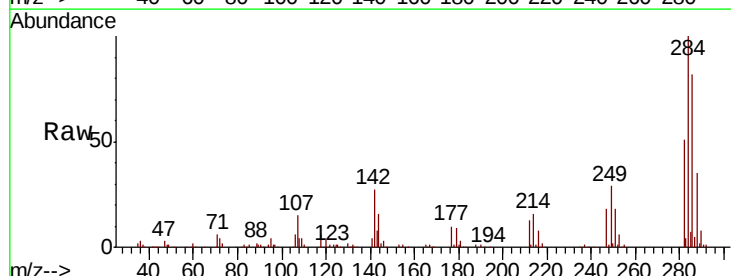
Instrument :
 BNA_F
 ClientSampleId :

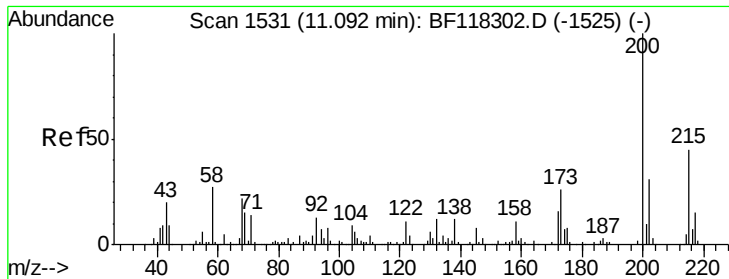
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.4	114.6
141	79.3	60.2	90.2



#68
 Hexachlorobenzene
 Concen: 29.345 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.3	40.9#
249	28.7	25.0	37.6

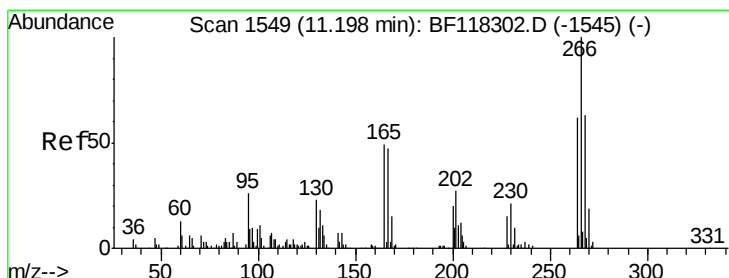
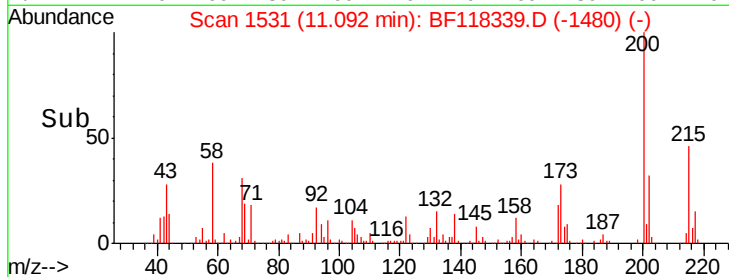
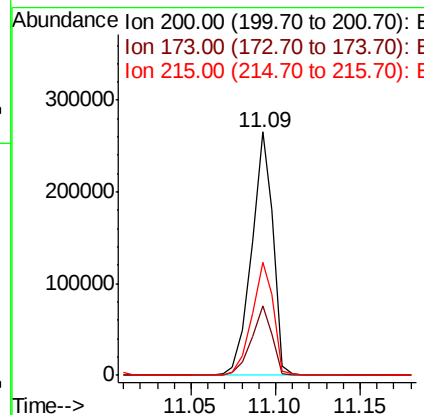
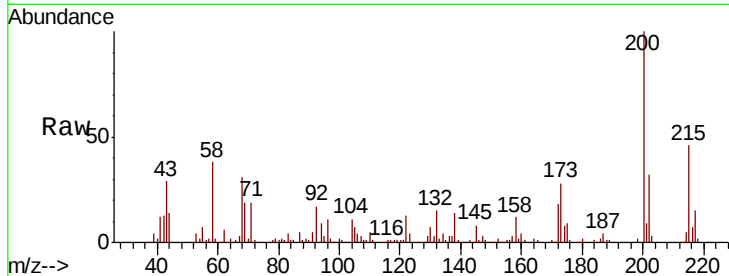




#69
Atrazine
Concen: 36.519 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

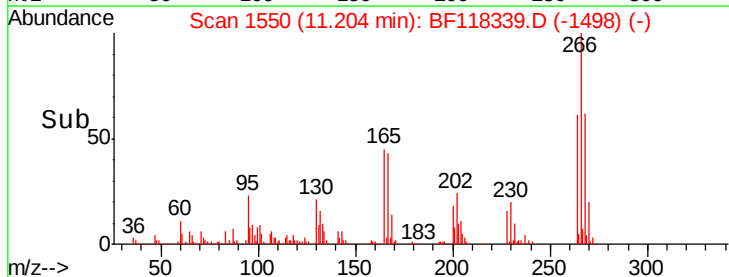
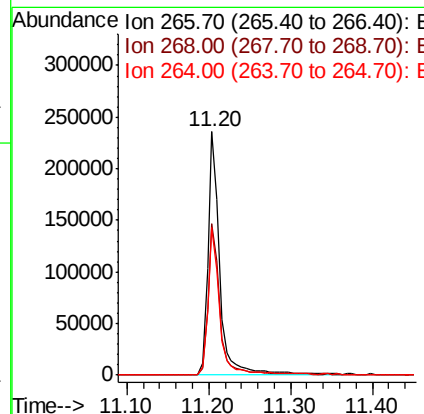
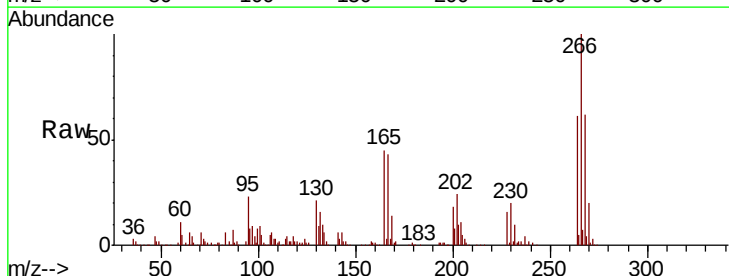
Instrument :
BNA_F
ClientSampleId :

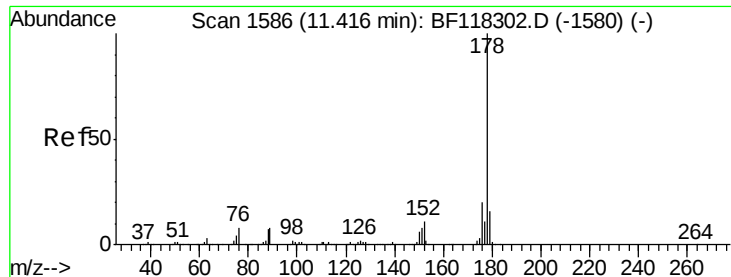
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	5.8	45.8
215	46.2	25.1	65.1



#70
Pentachlorophenol
Concen: 62.148 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.6	76.0
264	60.9	49.9	74.9

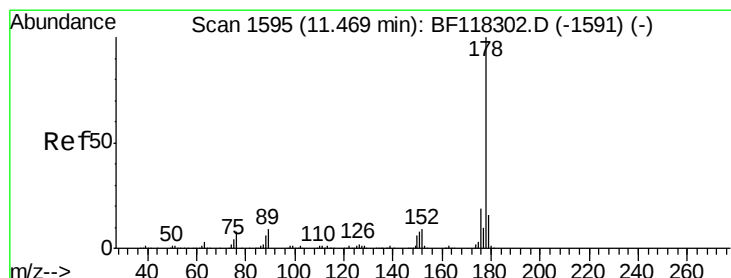
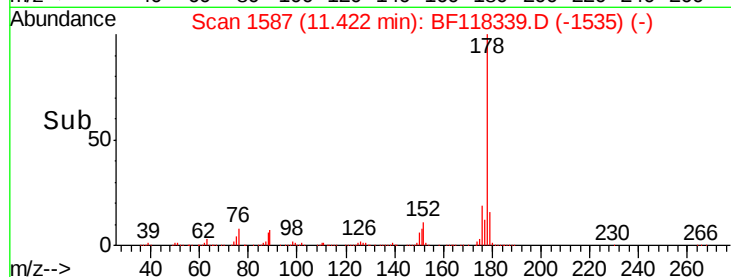
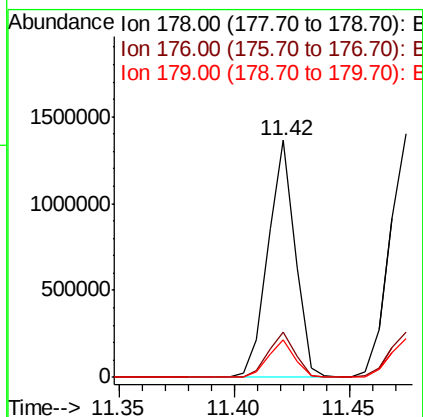
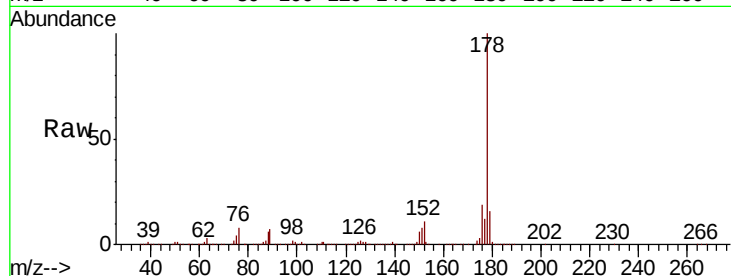




#71
Phenanthrene
Concen: 31.369 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

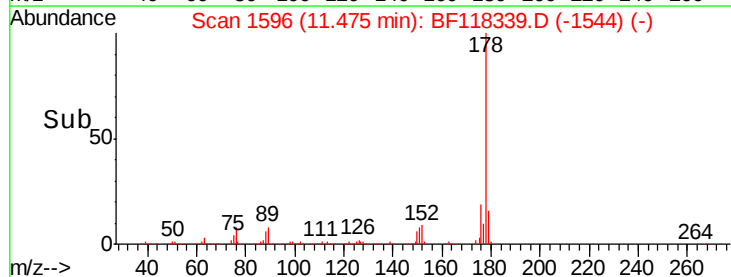
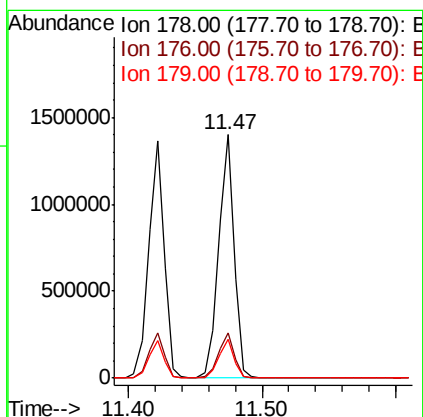
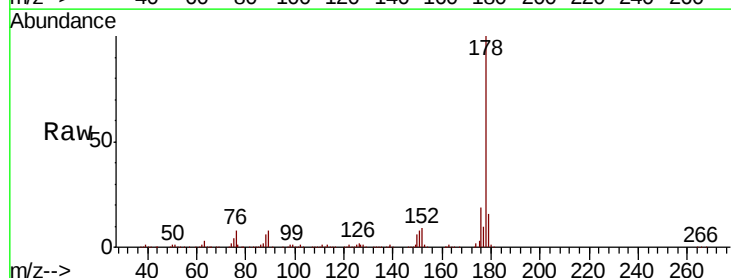
Instrument :
BNA_F
ClientSampleId :

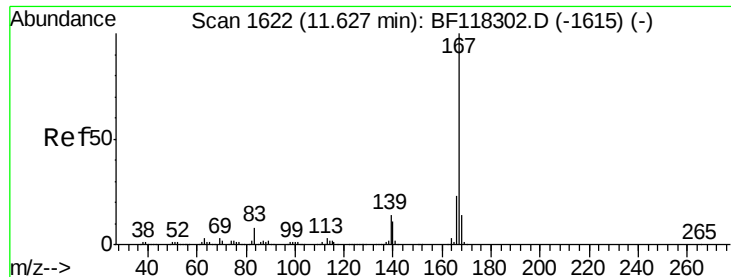
Tot Ion:178 Resp: 1113604
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 32.514 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:178 Resp: 1155339
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.8 12.9 19.3





#73

Carbazole

Concen: 31.830 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampled :

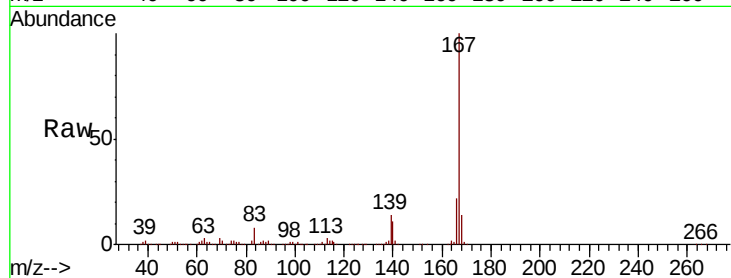
Tot Ion:167 Resp: 1003622

Ion Ratio Lower Upper

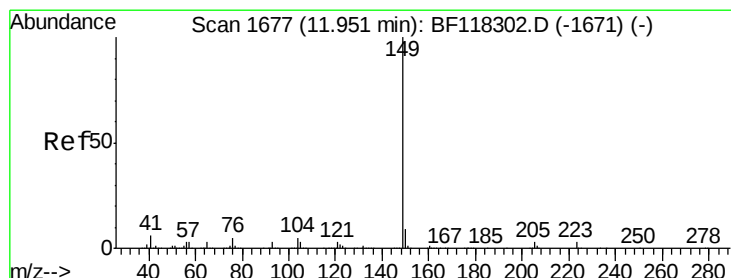
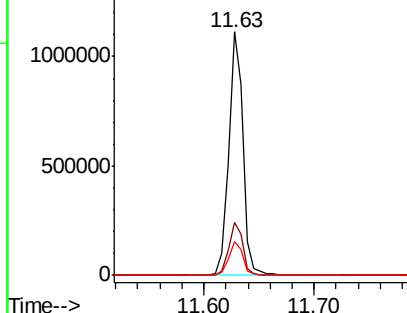
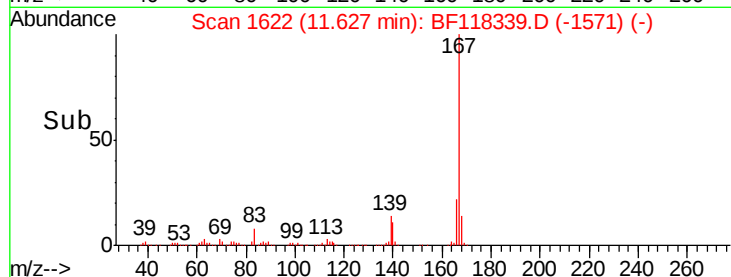
167 100

166 21.7 18.1 27.1

139 14.0 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.862 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

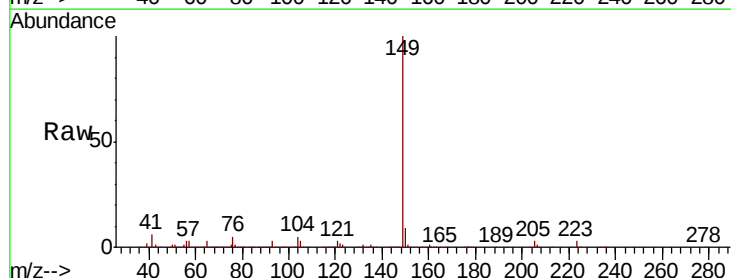
Tgt Ion:149 Resp: 1353770

Ion Ratio Lower Upper

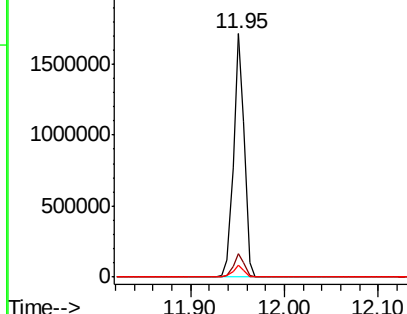
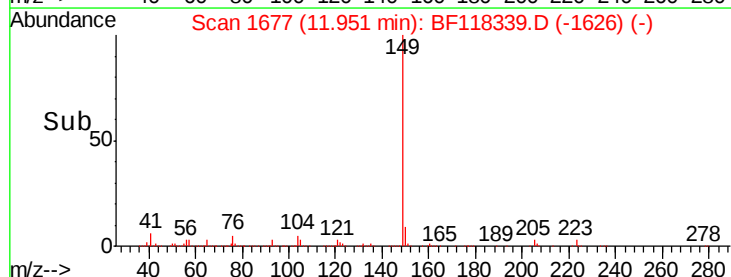
149 100

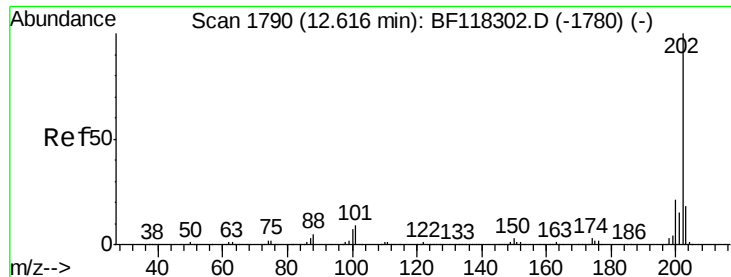
150 9.5 7.5 11.3

104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



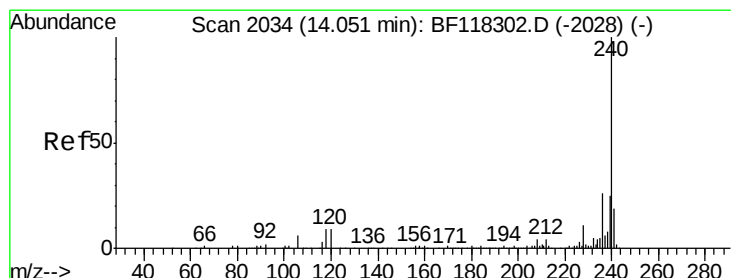
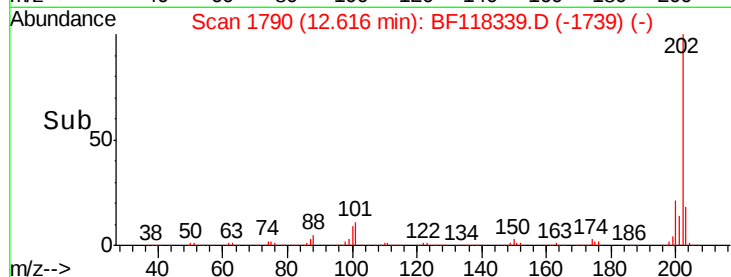
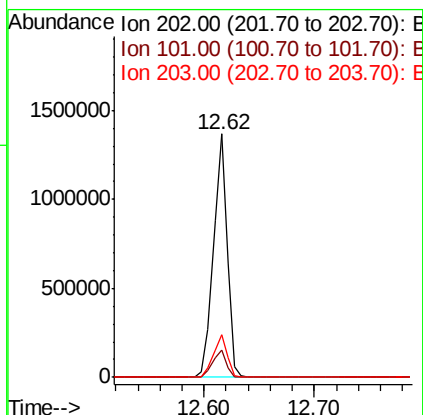
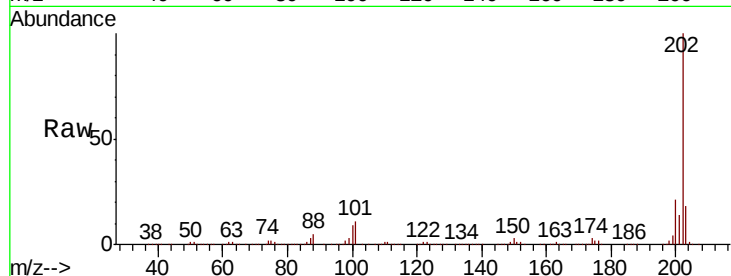


#75
 Fluoranthene
 Concen: 32.377 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1159970

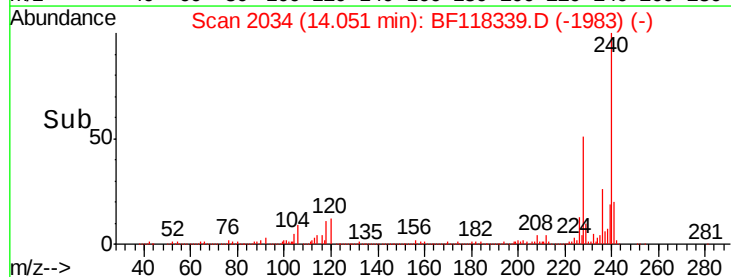
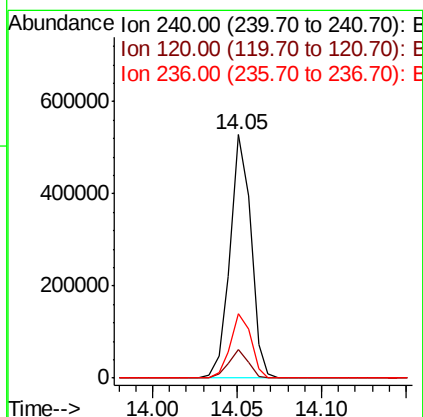
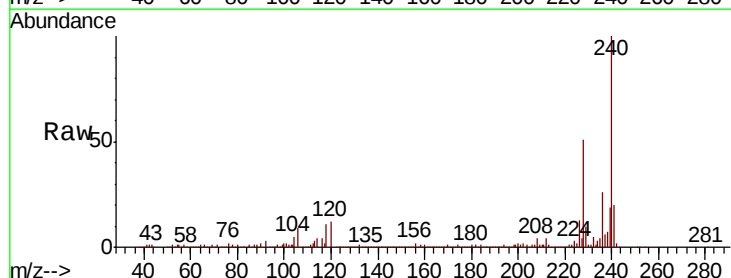
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.5
203	17.7	0.0	37.6

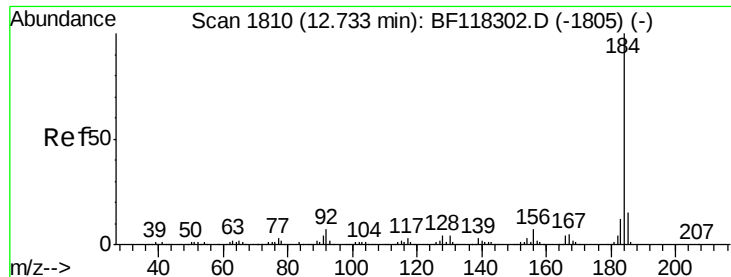


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118339.D
 Acq: 27 Dec 2019 15:49

Tgt Ion:240 Resp: 454217

Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.1	10.7#
236	26.3	21.0	31.6





#77

Benzidine

Concen: 52.939 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

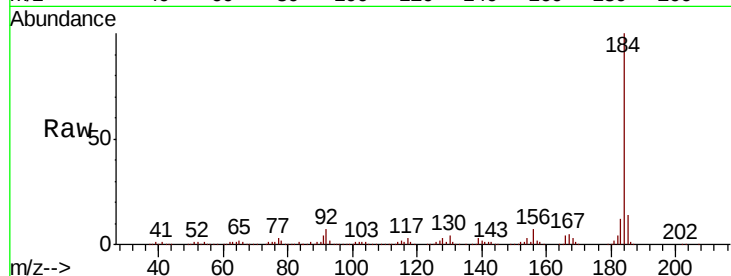
Tot Ion:184 Resp: 658874

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

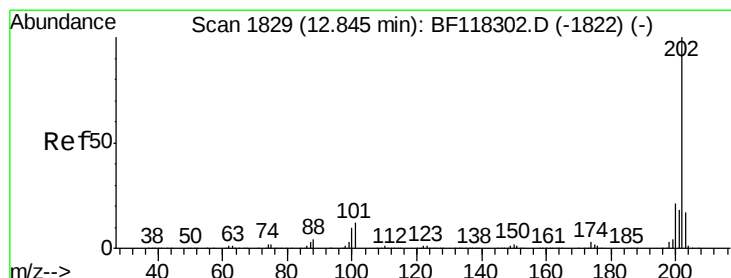
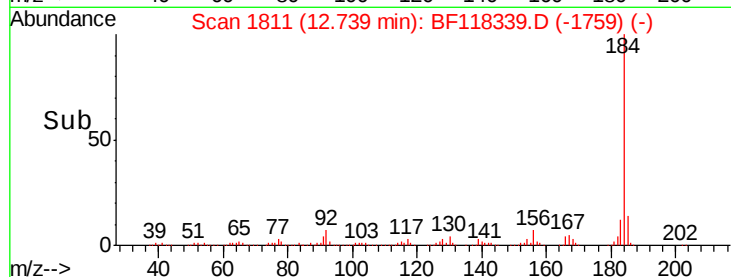
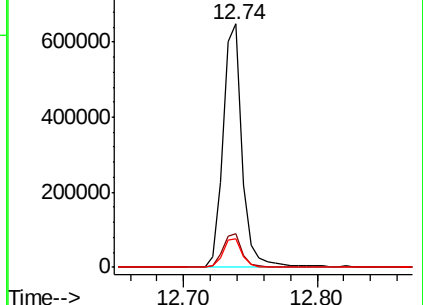
183 11.9 9.4 14.2



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: 31.128 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

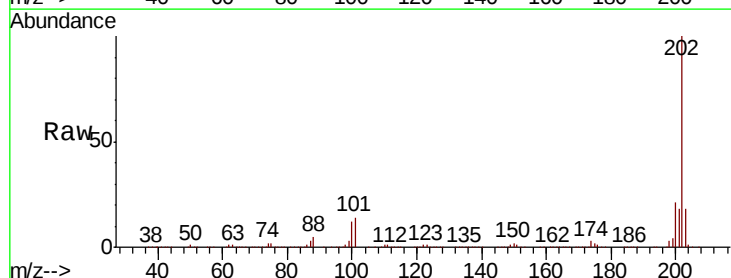
Tgt Ion:202 Resp: 1154589

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

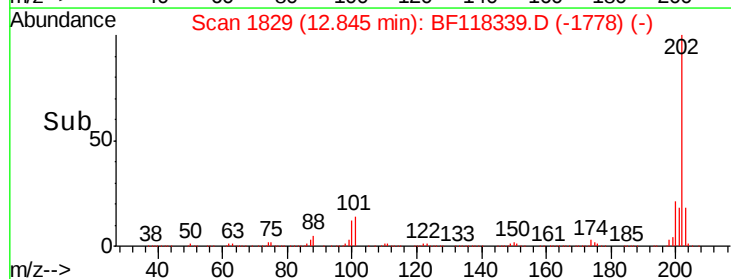
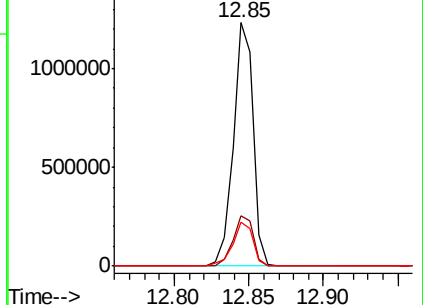
203 18.0 13.9 20.9

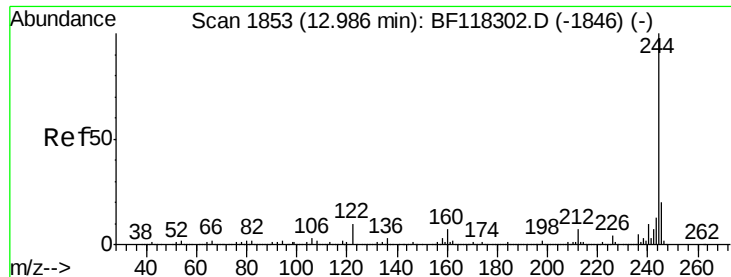


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.202 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

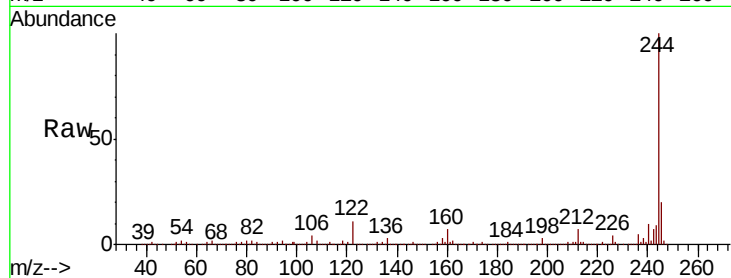
Tot Ion:244 Resp: 1593484

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.6 7.8 11.8

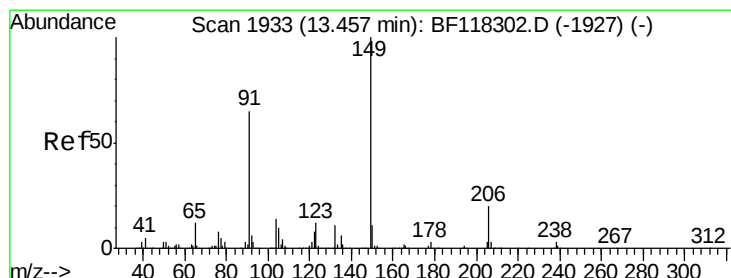
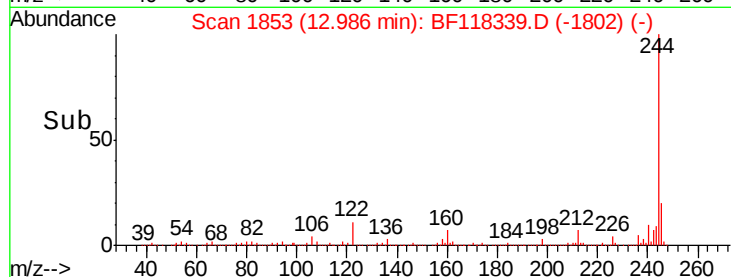
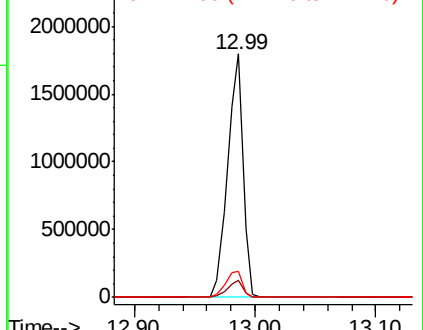


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.524 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

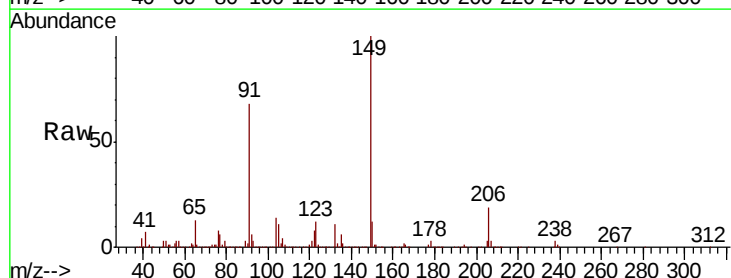
Tgt Ion:149 Resp: 559886

Ion Ratio Lower Upper

149 100

91 68.2 51.8 77.6

206 19.4 15.7 23.5

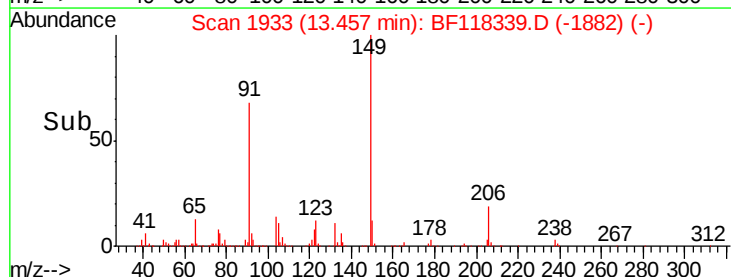
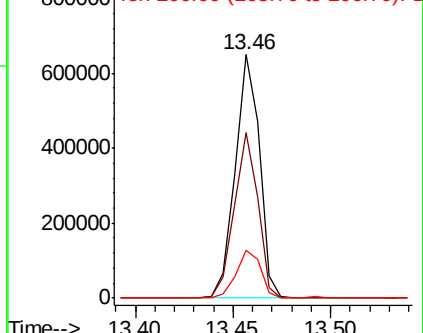


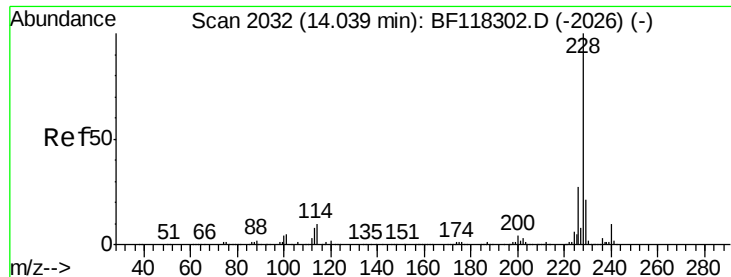
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

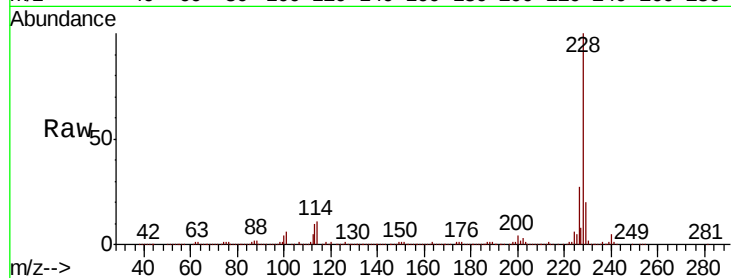




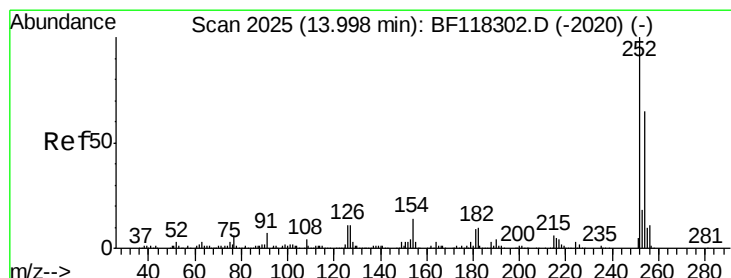
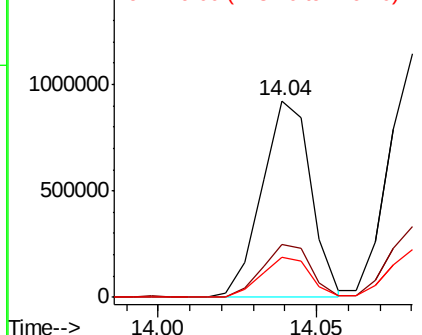
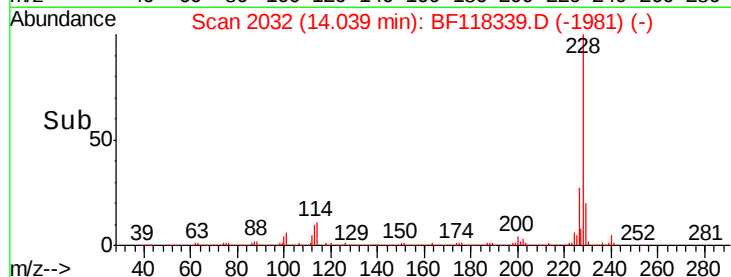
#81
Benzo(a)anthracene
Concen: 31.099 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 988763
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.3 16.6 24.8

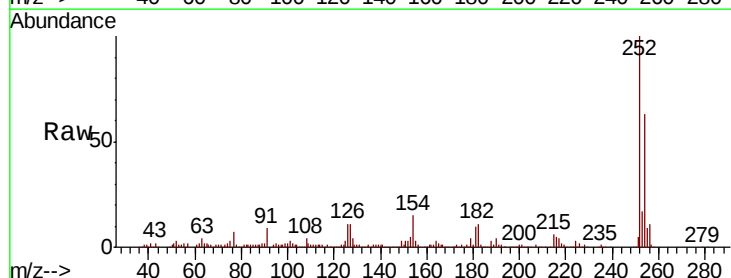


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

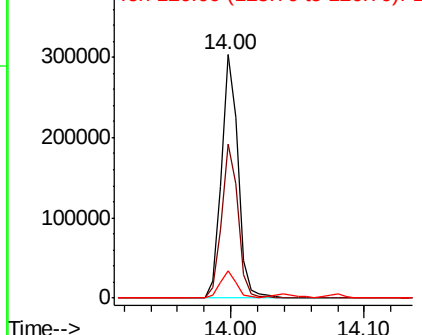
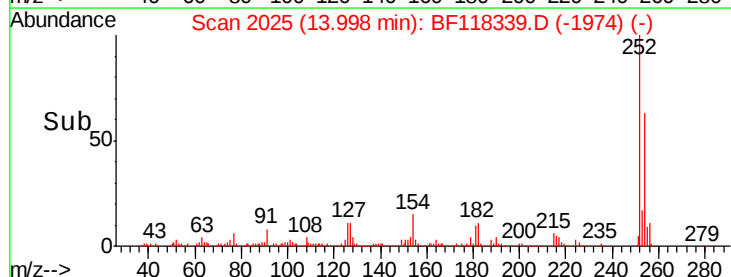


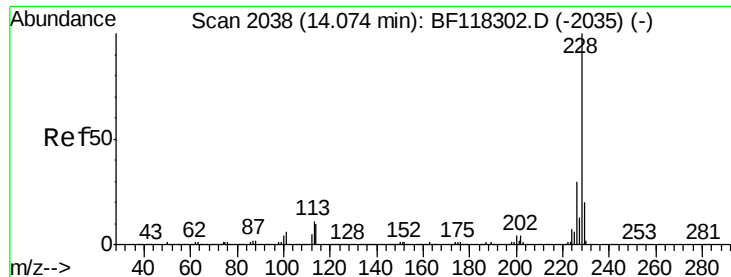
#82
3,3'-Dichlorobenzidine
Concen: 24.913 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 268559
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.8
126 11.4 8.7 13.1



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





#83

Chrvsene

Concen: 31.434 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

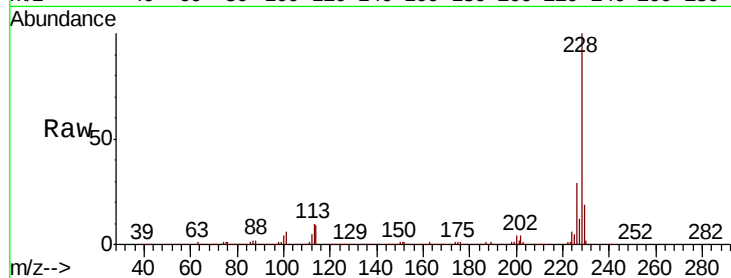
Tot Ion:228 Resp: 956965

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 19.5 16.1 24.1

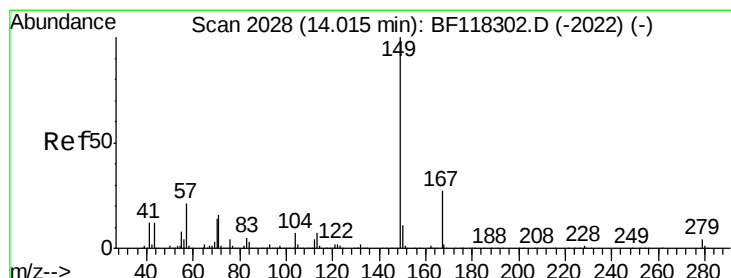
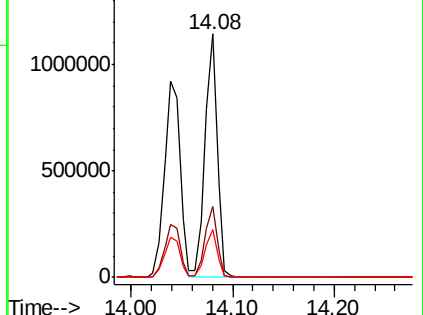
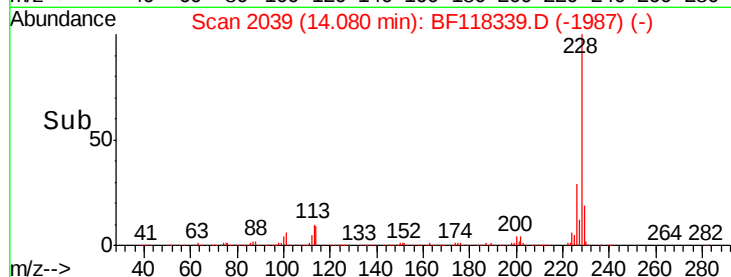


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.058 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

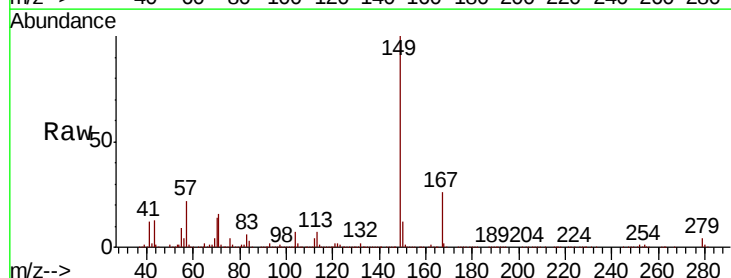
Tgt Ion:149 Resp: 835775

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 3.8 3.4 5.2

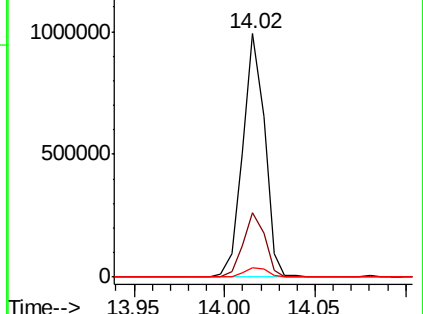
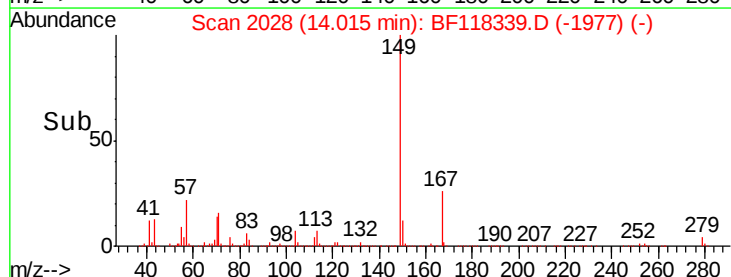


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.011 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

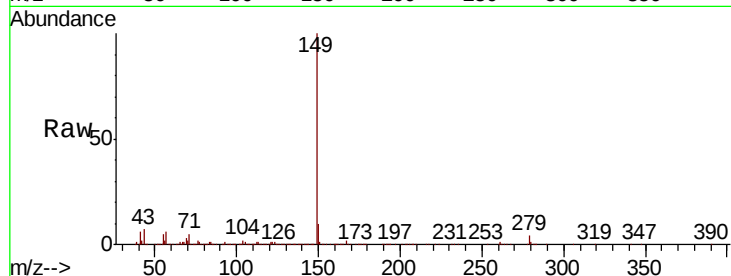
Tot Ion:149 Resp: 1324781

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

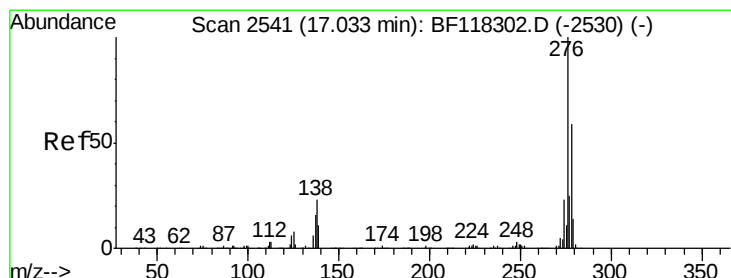
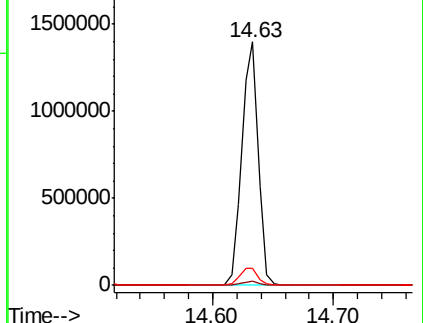
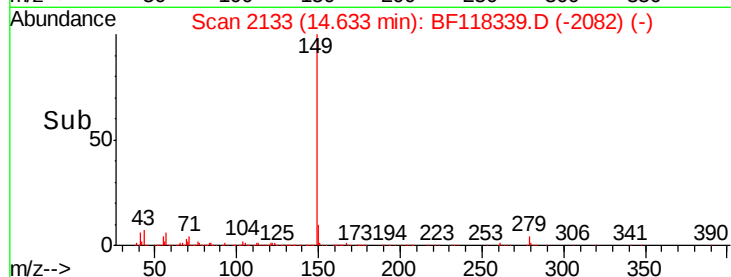
43 7.3 6.1 9.1



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: 35.454 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

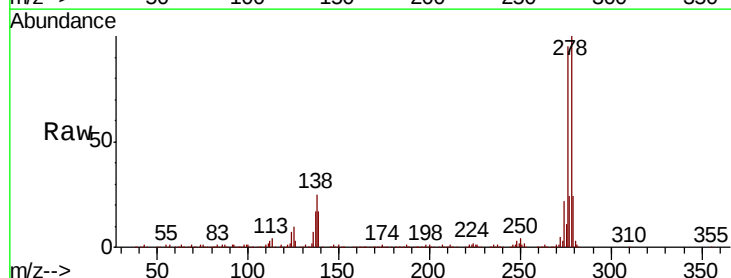
Tgt Ion:276 Resp: 919652

Ion Ratio Lower Upper

276 100

138 24.6 19.5 29.3

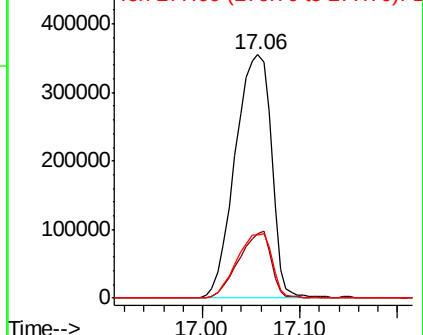
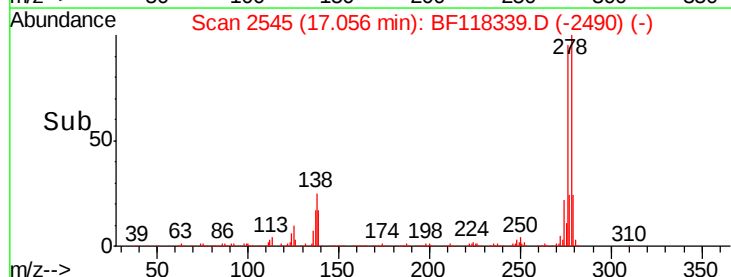
277 25.9 20.6 30.8

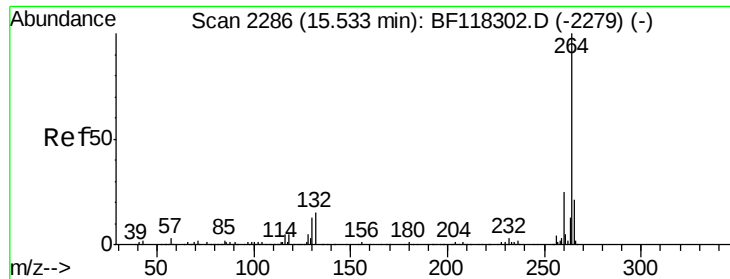


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

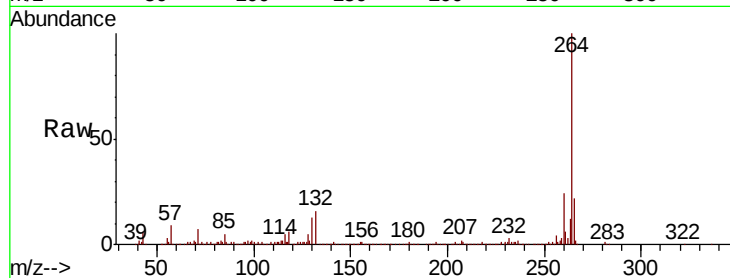
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 437089

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.1	17.0	25.4

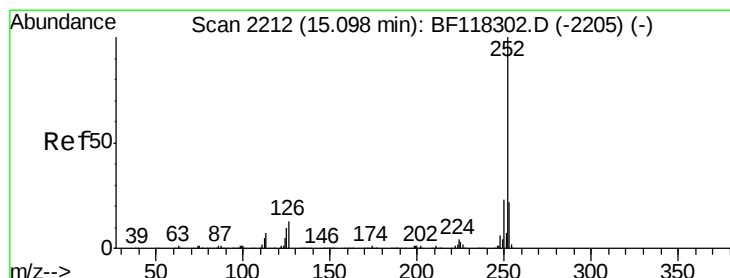
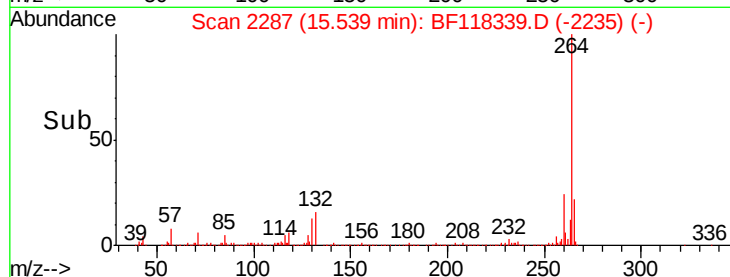
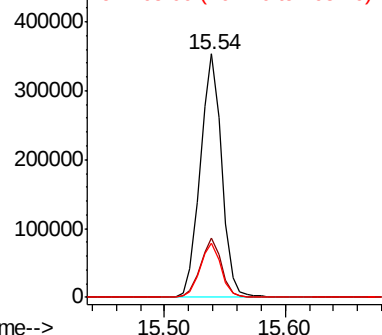


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 30.101 ng

RT: 15.10 min Scan# 2213

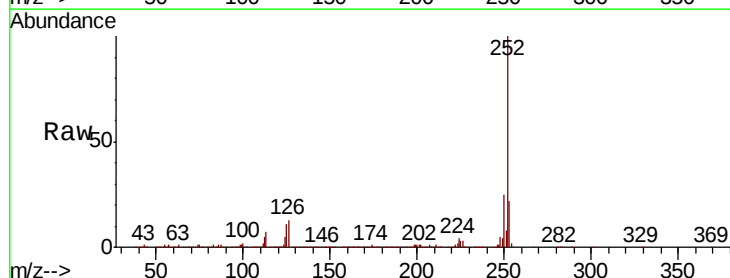
Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 873356

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.8	7.7	11.5

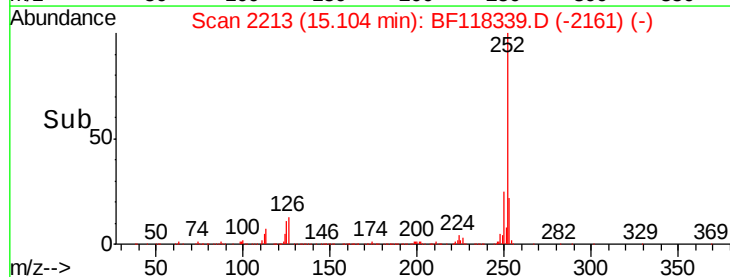
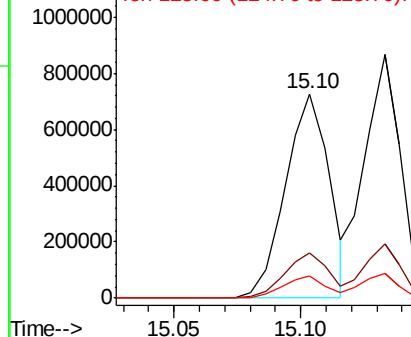


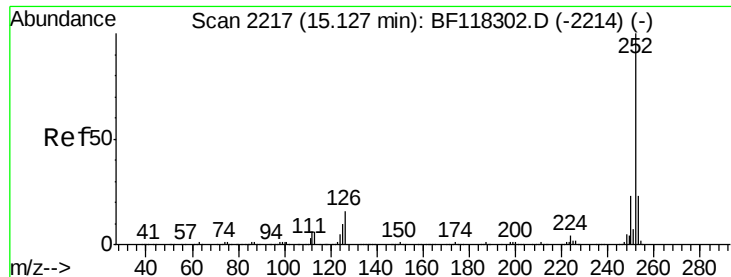
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

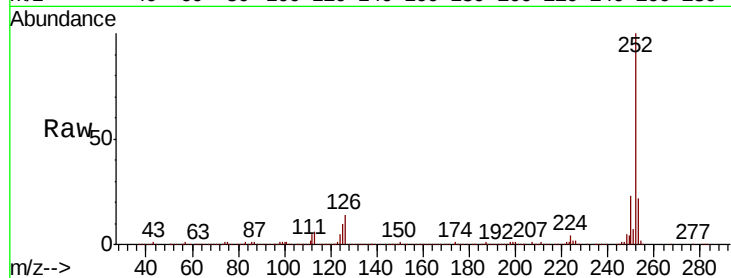




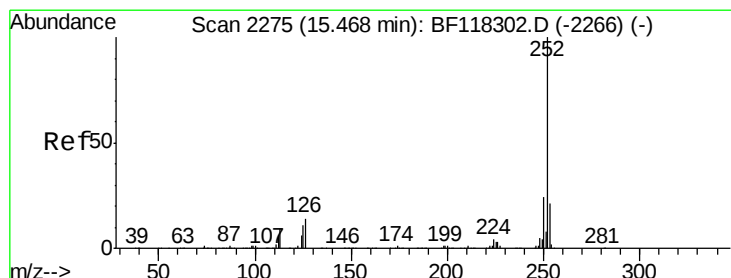
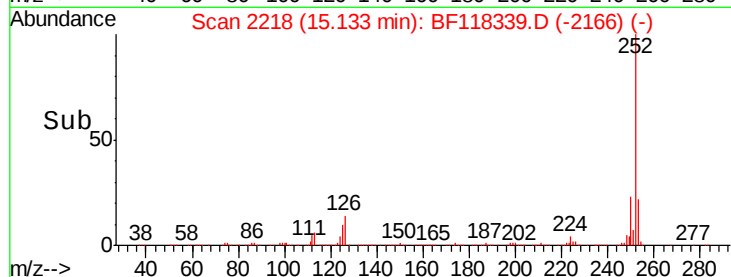
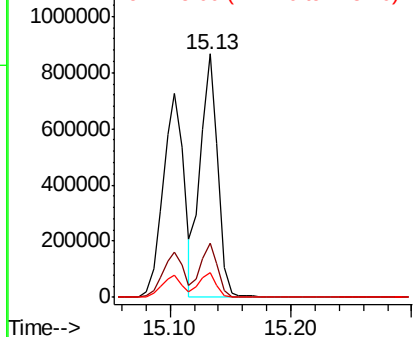
#89
Benzo(k)fluoranthene
Concen: 31.008 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 863837
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.2 8.0 12.0

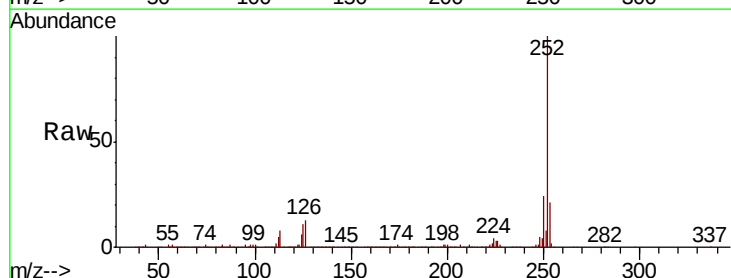


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

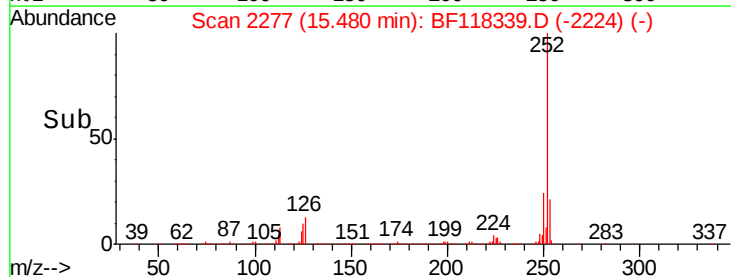
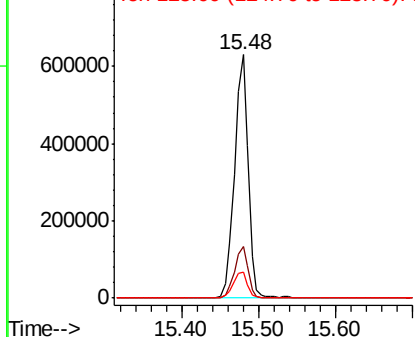


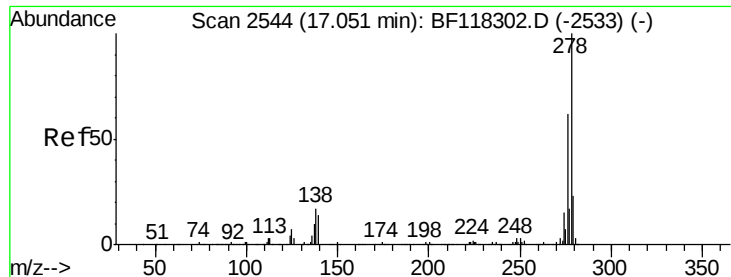
#90
Benzo(a)pyrene
Concen: 30.863 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 788827
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.5 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 35.555 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

Instrument :

BNA_F

ClientSampleId :

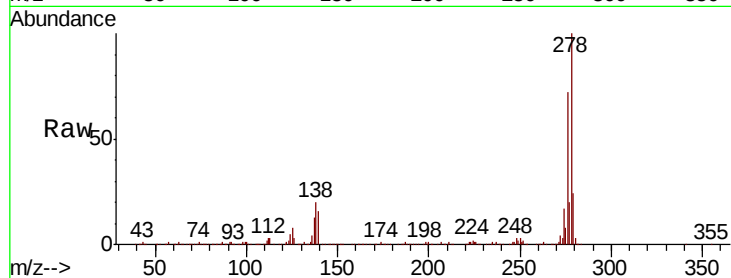
Tot Ion:278 Resp: 788602

Ion Ratio Lower Upper

278 100

139 15.9 11.5 17.3

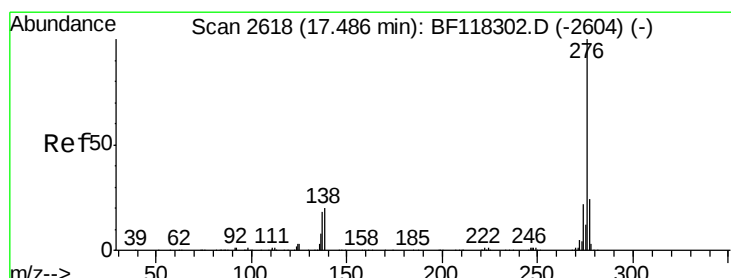
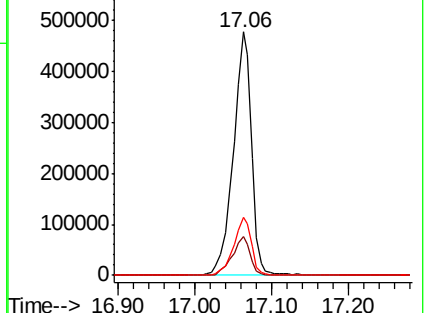
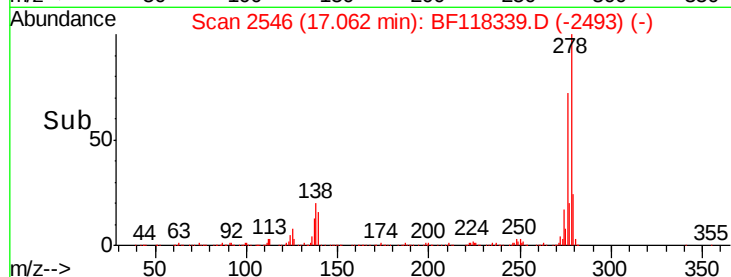
279 23.7 18.3 27.5



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: 35.393 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.02 min

Lab File: BF118339.D

Acq: 27 Dec 2019 15:49

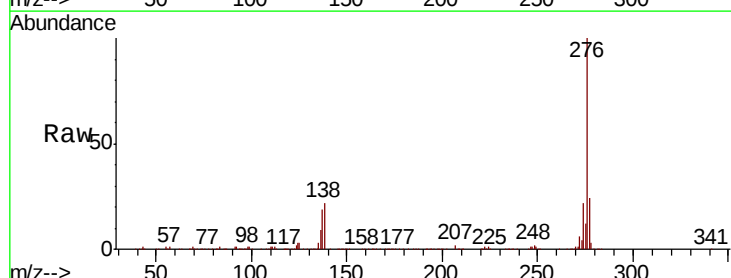
Tgt Ion:276 Resp: 758305

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 22.1 16.1 24.1



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

