

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118071.D
 Acq On : 3 Dec 2019 19:24
 Operator : JU
 Sample : K6090-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:35:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133717	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	528327	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	292244	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	571615	20.00	ng	0.00
76) Chrysene-d12	14.07	240	415706	20.00	ng	0.00
87) Perylene-d12	15.57	264	394060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	784501	103.85	ng	0.01
7) Phenol-d6	6.51	99	1011756	111.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	619241	69.68	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	376241	121.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1259952	77.35	ng	0.00
79) Terphenyl-d14	13.01	244	1641044	72.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	124192	35.171	ng	99
3) Pyridine	3.45	79	306238	33.062	ng	99
4) n-Nitrosodimethylamine	3.39	42	156630	38.738	ng	98
6) Aniline	6.54	93	244918	20.341	ng	97
8) 2-Chlorophenol	6.66	128	393626	48.021	ng	98
9) Benzaldehyde	6.42	77	138576	19.834	ng	96
10) Phenol	6.52	94	475115	50.180	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	334347	43.974	ng	97
12) 1,3-Dichlorobenzene	6.82	146	421277	43.654	ng	98
13) 1,4-Dichlorobenzene	6.89	146	435564	44.653	ng	99
14) 1,2-Dichlorobenzene	7.05	146	405787	43.497	ng	98
15) Benzyl Alcohol	7.02	79	335042	47.628	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	404501	34.554	ng	99
17) 2-Methylphenol	7.13	107	315272	45.418	ng	98
18) Hexachloroethane	7.39	117	157502	43.954	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	250194	44.510	ng	99
20) 3+4-Methylphenols	7.28	107	398798	46.281	ng	95
22) Acetophenone	7.29	105	532223	44.838	ng	# 94
24) Nitrobenzene	7.46	77	394258	43.001	ng	94
25) Isophorone	7.70	82	698083	42.855	ng	100
26) 2-Nitrophenol	7.78	139	219662	49.222	ng	96
27) 2,4-Dimethylphenol	7.82	122	348745	50.292	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	438920	42.462	ng	99
29) 2,4-Dichlorophenol	8.02	162	338547	45.008	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	369945	42.401	ng	99
31) Naphthalene	8.19	128	1154858	46.888	ng	99
32) Benzoic acid	7.94	122	247357	42.602	ng	98
33) 4-Chloroaniline	8.23	127	92673	8.405	ng	95
34) Hexachlorobutadiene	8.30	225	215719	42.288	ng	98
35) Caprolactam	8.60	113	60772	25.422	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	368286	48.245	ng	98
37) 2-Methylnaphthalene	8.88	142	797535	47.924	ng	99
38) 1-Methylnaphthalene	8.98	142	739947	47.031	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	352648	41.551	ng	98

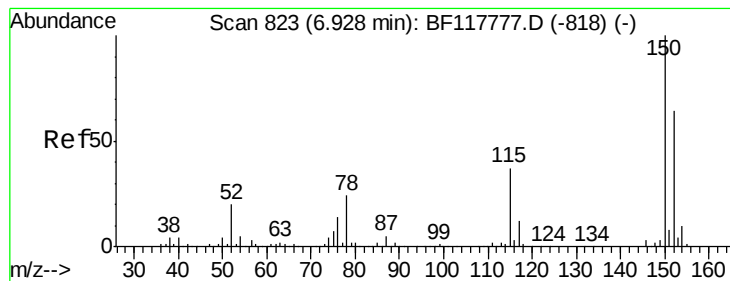
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118071.D
 Acq On : 3 Dec 2019 19:24
 Operator : JU
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 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:35:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	377788	79.431	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	257227	42.314	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	271536	43.022	ng	96
46) 1,1'-Biphenyl	9.35	154	969511	44.715	ng	99
47) 2-Chloronaphthalene	9.37	162	754472	42.299	ng	98
48) 2-Nitroaniline	9.47	65	215607	40.039	ng	99
49) Acenaphthylene	9.79	152	1203375	46.275	ng	99
50) Dimethylphthalate	9.65	163	1081659	52.781	ng	99
51) 2,6-Dinitrotoluene	9.71	165	204069	45.562	ng	97
52) Acenaphthene	9.96	154	705414	42.345	ng	99
53) 3-Nitroaniline	9.88	138	107209	20.004	ng	91
54) 2,4-Dinitrophenol	9.99	184	188606	81.778	ng	94
55) Dibenzofuran	10.14	168	1060967	45.993	ng	99
56) 4-Nitrophenol	10.05	139	348922	87.222	ng	97
57) 2,4-Dinitrotoluene	10.12	165	278434	48.870	ng	93
58) Fluorene	10.48	166	840422	47.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	226865	43.746	ng	100
60) Diethylphthalate	10.35	149	922032	46.148	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	416021	45.858	ng	99
62) 4-Nitroaniline	10.50	138	233730	43.557	ng	99
63) Azobenzene	10.63	77	799661	43.993	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	141477	53.017	ng	97
66) n-Nitrosodiphenylamine	10.59	169	759985	45.684	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	270102	43.793	ng	99
68) Hexachlorobenzene	11.03	284	310418	43.163	ng	98
69) Atrazine	11.12	200	239939	43.846	ng	98
70) Pentachlorophenol	11.23	266	345653	82.266	ng	99
71) Phenanthrene	11.45	178	1300222	45.243	ng	100
72) Anthracene	11.50	178	1356512	47.607	ng	99
73) Carbazole	11.65	167	1187212	47.680	ng	99
74) Di-n-butylphthalate	11.98	149	1495553	48.240	ng	99
75) Fluoranthene	12.64	202	1411624	55.734	ng	99
77) Benzidine	12.76	184	366384	26.907	ng	98
78) Pyrene	12.87	202	1410577	41.987	ng	99
80) Butylbenzylphthalate	13.49	149	673718	46.691	ng	98
81) Benzo(a)anthracene	14.06	228	1215073	44.232	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	235429	24.501	ng	98
83) Chrysene	14.10	228	1179910	44.326	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	948887	54.242	ng	99
85) Di-n-octyl phthalate	14.66	149	1528143	59.462	ng	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1114812	49.208	ng	100
88) Benzo(b)fluoranthene	15.13	252	1183409	46.223	ng	99
89) Benzo(k)fluoranthene	15.16	252	979369	40.599	ng	98
90) Benzo(a)pyrene	15.51	252	1009763	44.852	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	923692	47.668	ng	99
92) Benzo(g,h,i)perylene	17.55	276	917438	47.535	ng	98

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

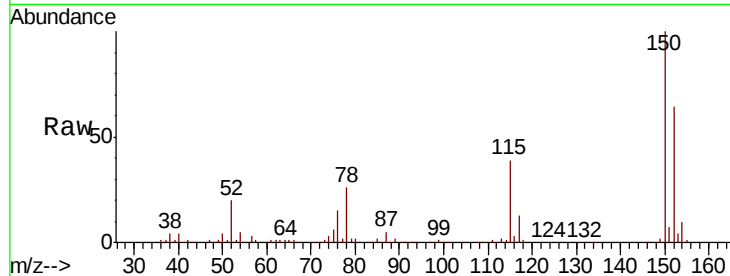


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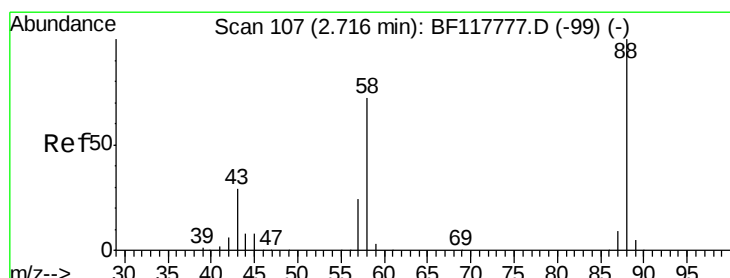
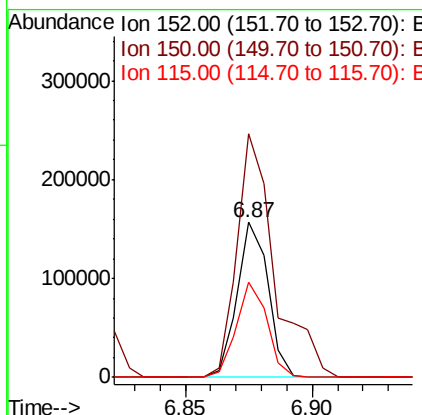
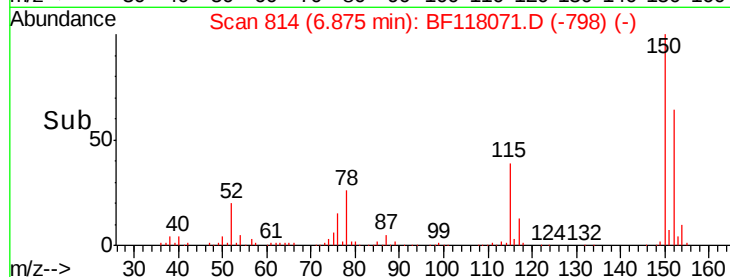
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.4	182.2
115	61.5	48.8	73.2



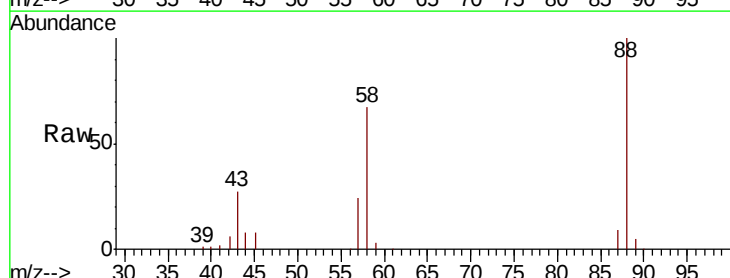
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



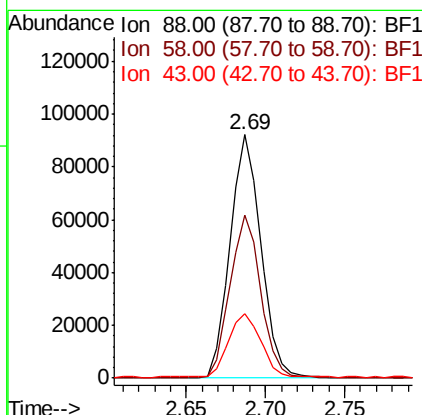
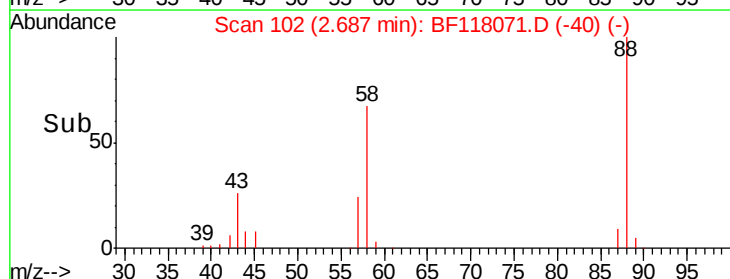
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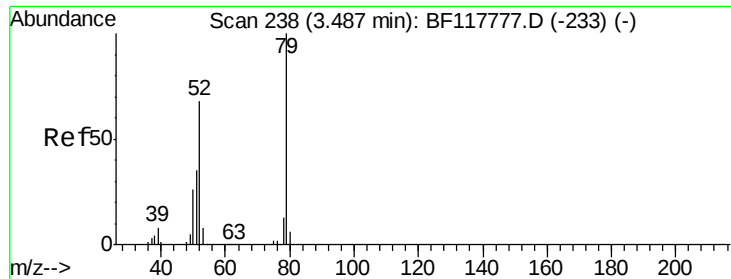
1,4-Dioxane
 Concen: 35.171 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	52.6	78.8
43	27.2	21.8	32.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.062 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

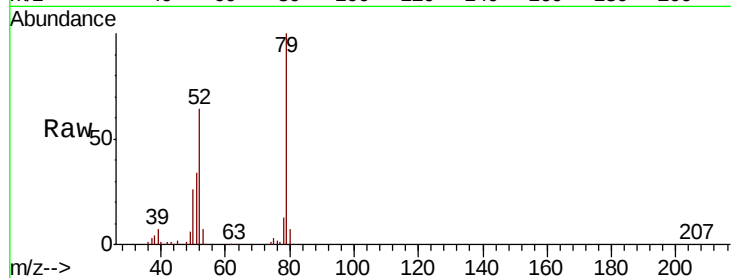
Tot Ion: 79 Resp: 306238

Ion Ratio Lower Upper

79 100

52 64.1 50.6 75.8

51 33.8 26.8 40.2



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

200000

150000

100000

50000

0

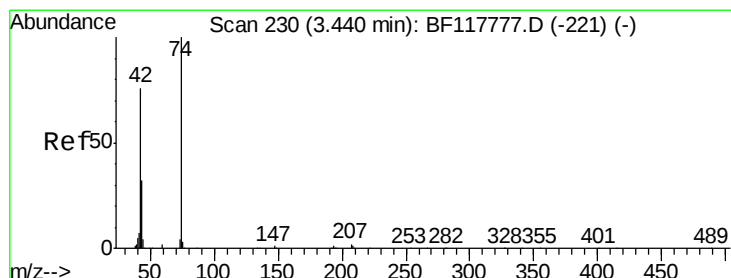
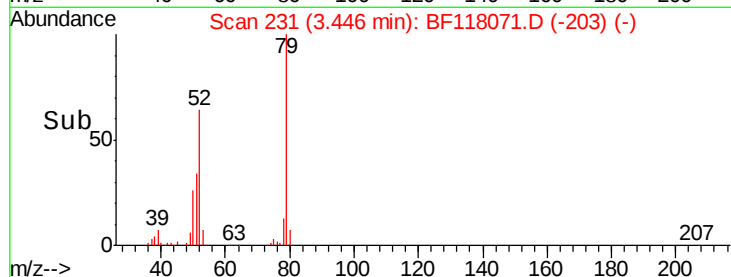
3.45

3.40

3.50

3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.738 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

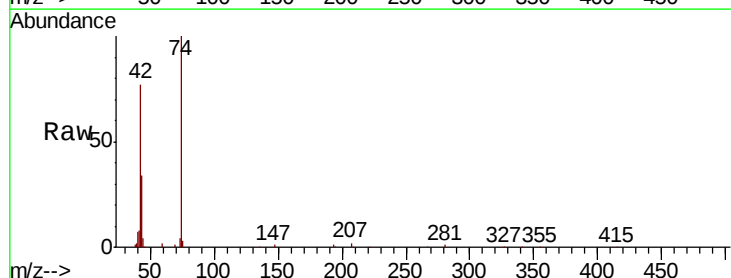
Tgt Ion: 42 Resp: 156630

Ion Ratio Lower Upper

42 100

74 130.6 102.8 154.2

44 5.4 4.7 7.1



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

100000

50000

0

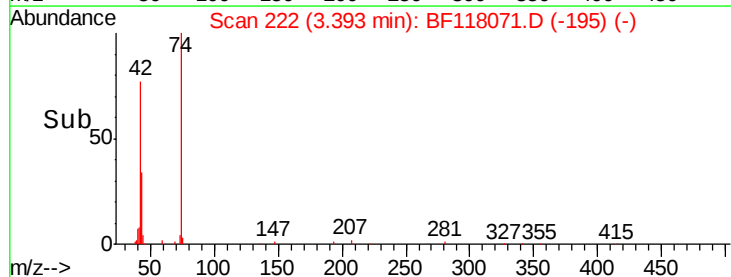
3.39

3.30

3.40

3.50

Time-->





#5

2-Fluorophenol

Concen: 103.850 ng

RT: 5.50 min Scan# 580

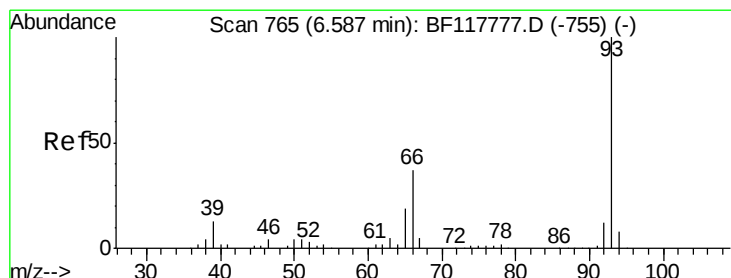
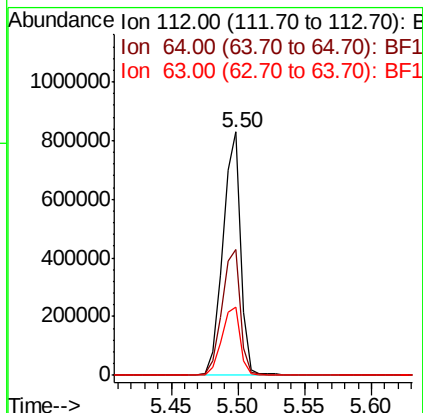
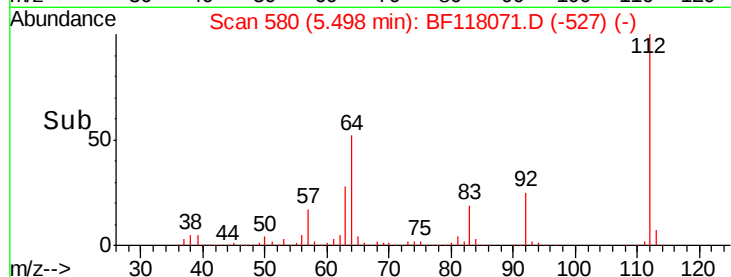
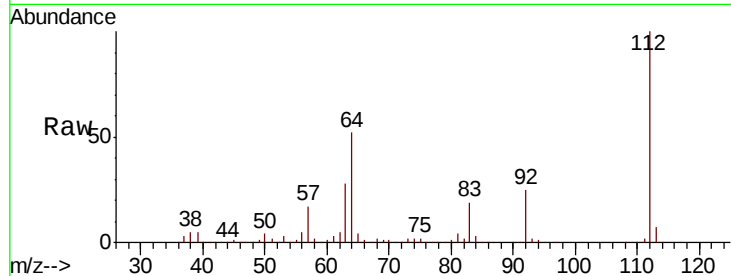
Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	784501
Ion	Ratio	Lower	Upper
112	100		
64	51.6	45.1	67.7
63	28.1	24.6	37.0



#6

Aniline

Concen: 20.341 ng

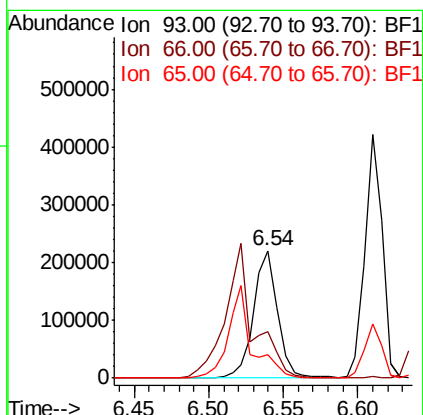
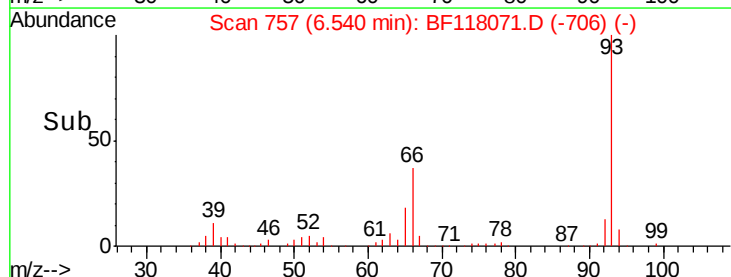
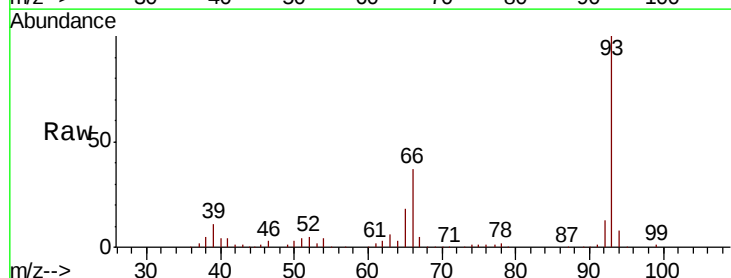
RT: 6.54 min Scan# 757

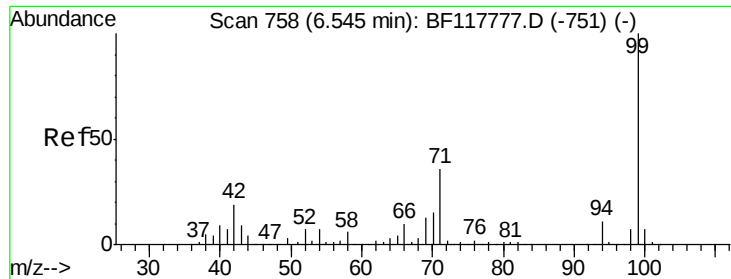
Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Tgt Ion:	93	Resp:	244918
Ion	Ratio	Lower	Upper
93	100		
66	36.8	31.0	46.6
65	18.2	15.8	23.8





#7

Phenol-d6

Concen: 111.041 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

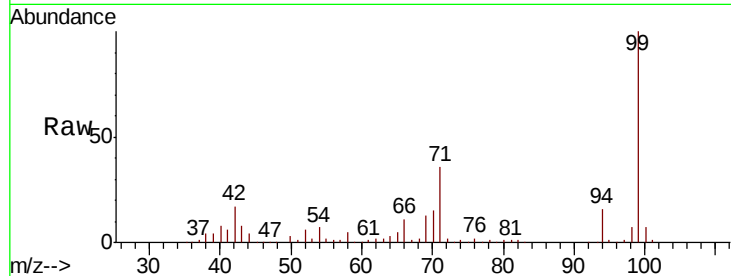
Tot Ion: 99 Resp: 1011756

Ion Ratio Lower Upper

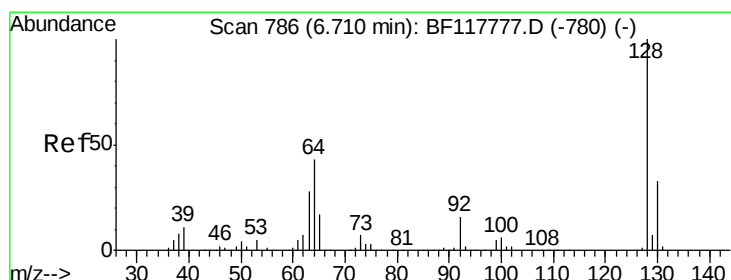
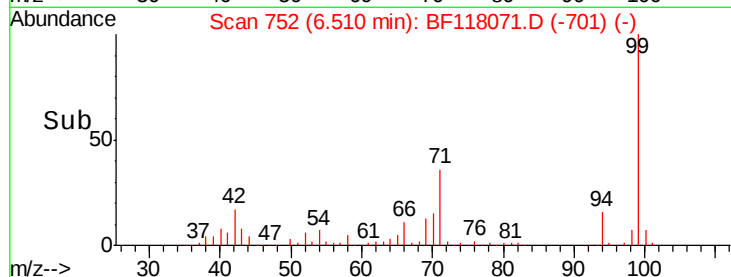
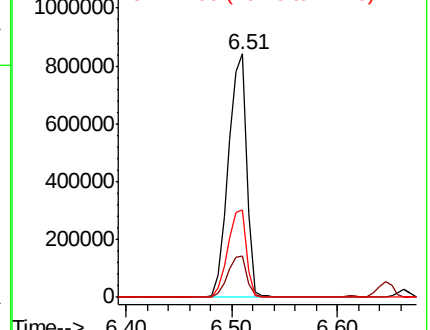
99 100

42 17.0 14.0 21.0

71 35.9 29.2 43.8



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: 48.021 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

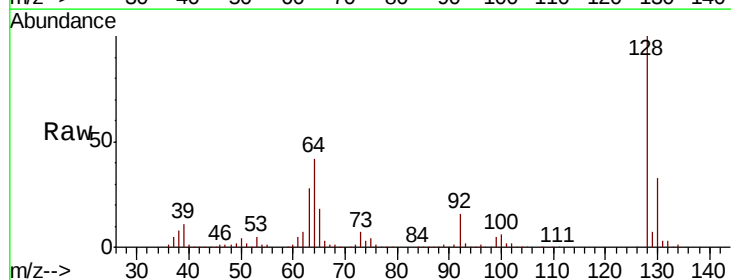
Tgt Ion: 128 Resp: 393626

Ion Ratio Lower Upper

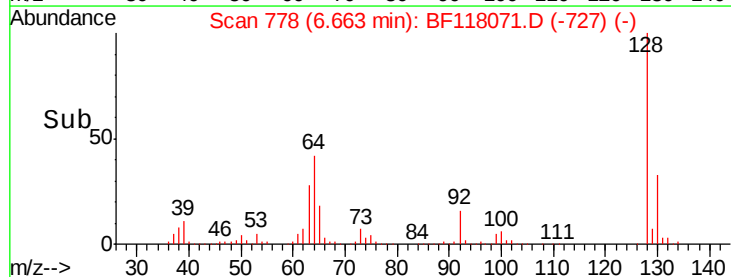
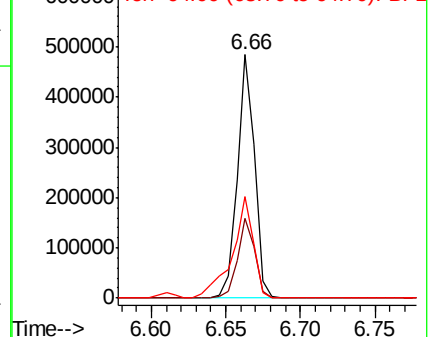
128 100

130 32.7 12.4 52.4

64 41.7 23.2 63.2



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

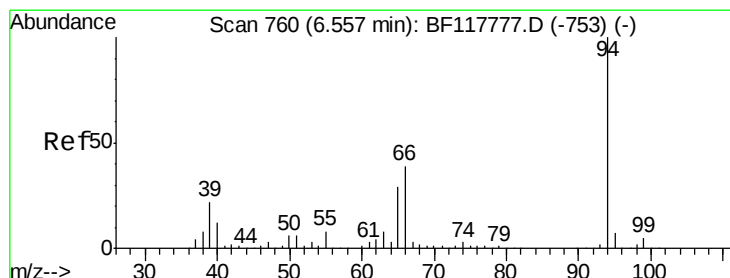
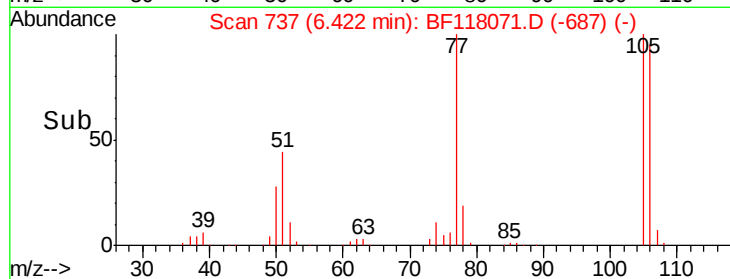
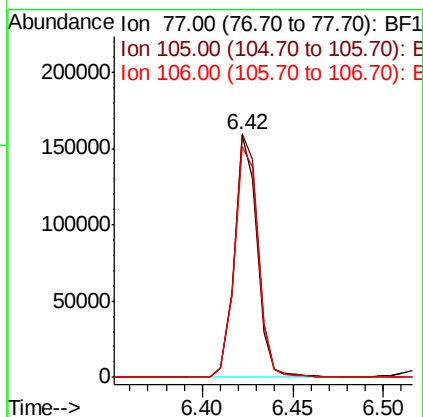
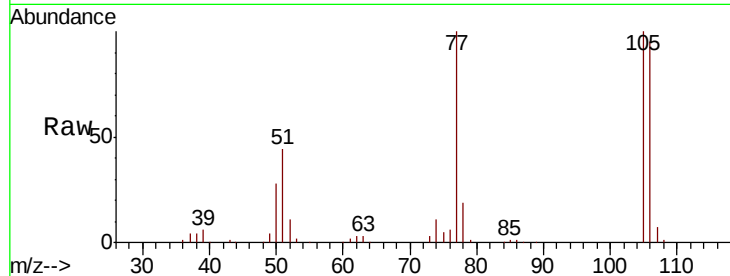




#9
Benzaldehyde
Concen: 19.834 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

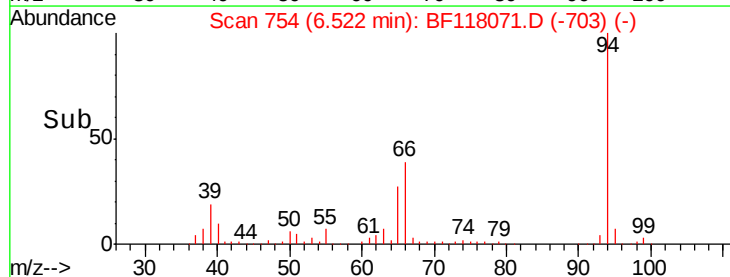
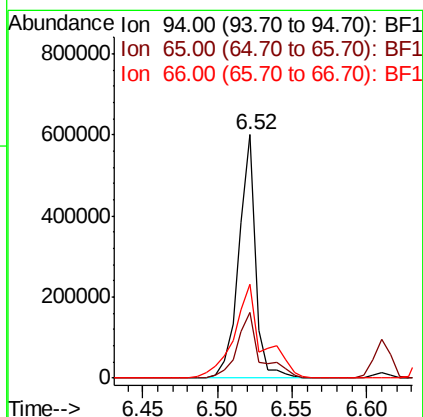
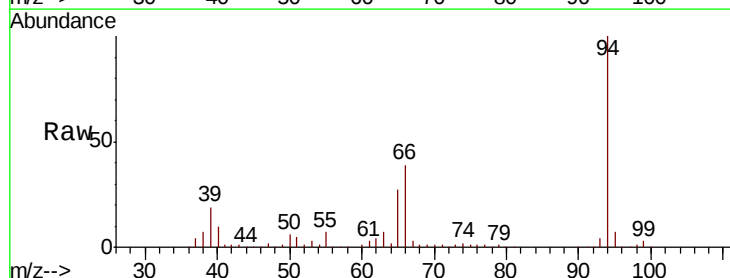
Instrument :
BNA_F
ClientSampleId :

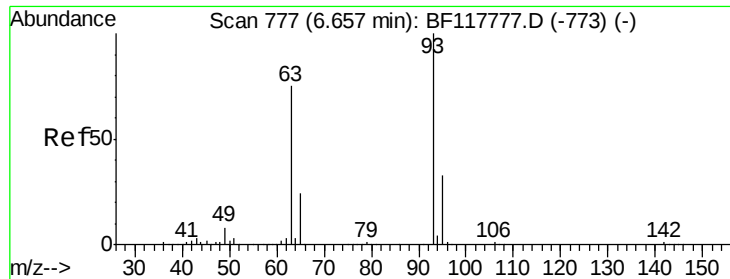
Tot Ion: 77 Resp: 138576
Ion Ratio Lower Upper
77 100
105 100.3 83.3 123.3
106 95.3 80.9 120.9



#10
Phenol
Concen: 50.180 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion: 94 Resp: 475115
Ion Ratio Lower Upper
94 100
65 26.8 6.9 46.9
66 38.7 18.6 58.6

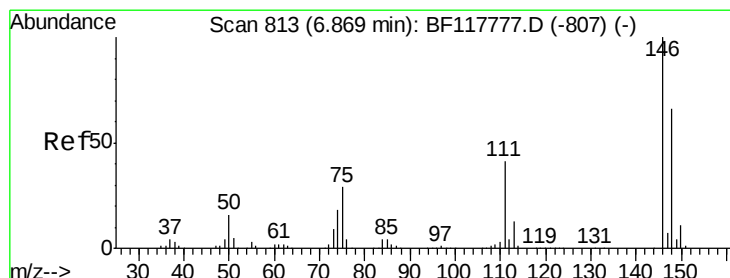
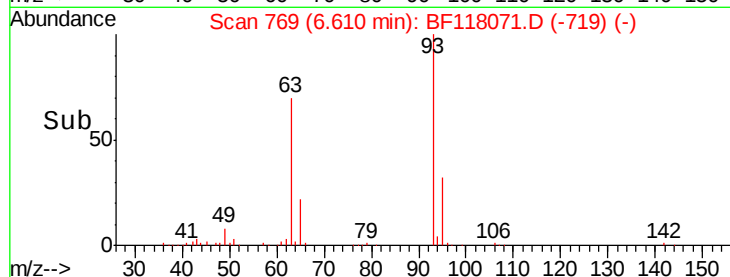
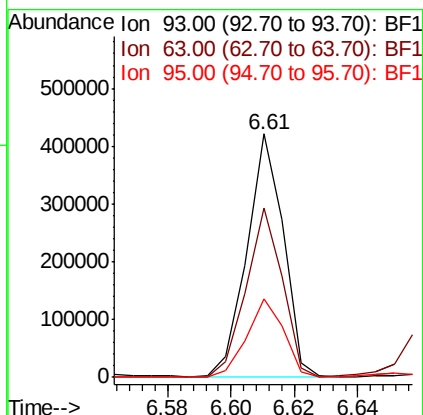
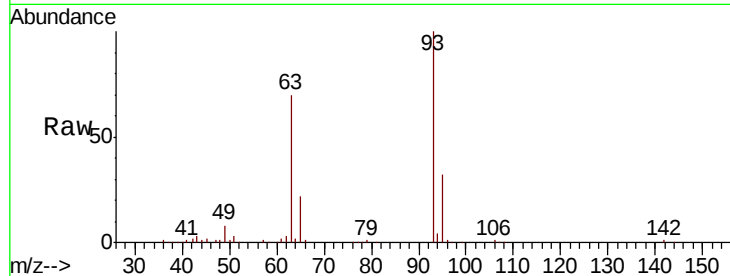




#11
bis(2-Chloroethyl)ether
Concen: 43.974 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

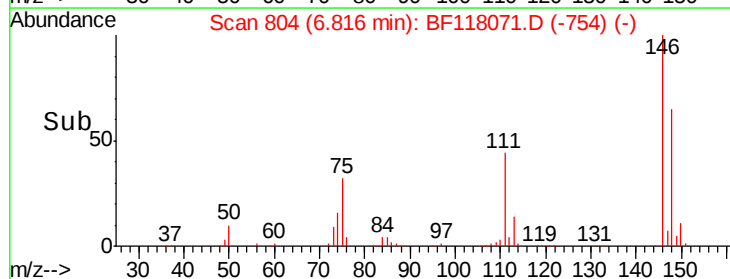
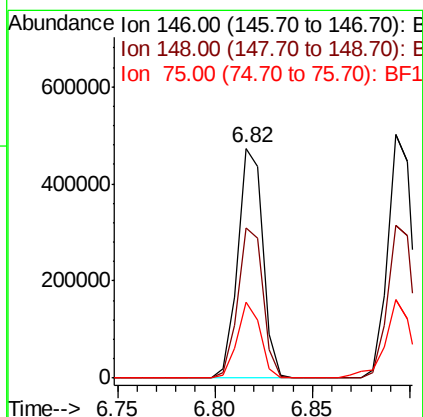
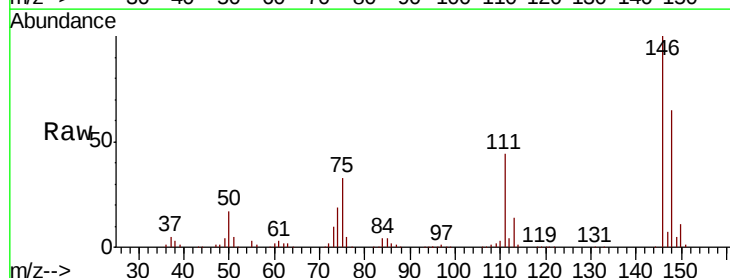
Instrument :
BNA_F
ClientSampled :

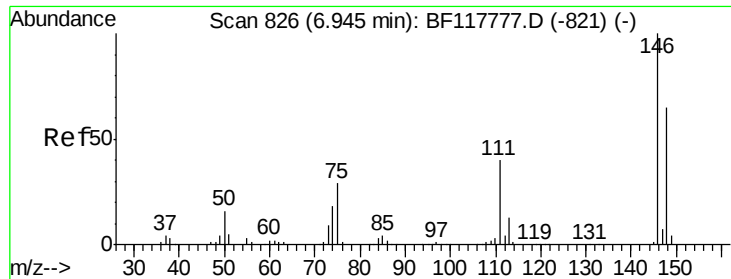
Tot Ion	93	Resp	334347
Ion	Ratio	Lower	Upper
93	100		
63	69.8	46.8	86.8
95	32.5	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 43.654 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	146	Resp	421277
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
75	33.3	24.5	36.7

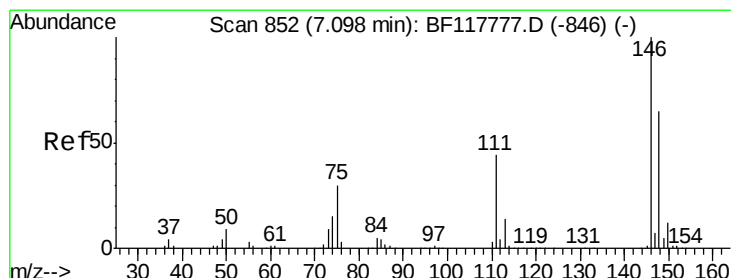
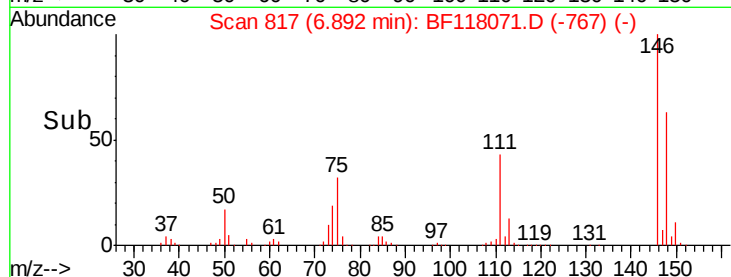
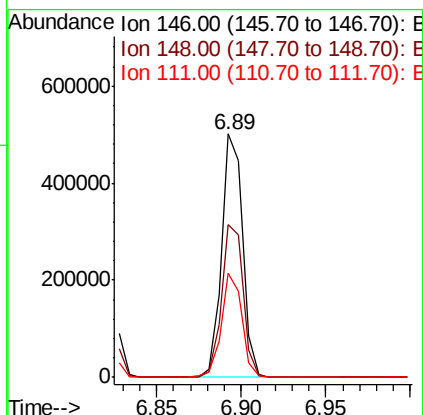
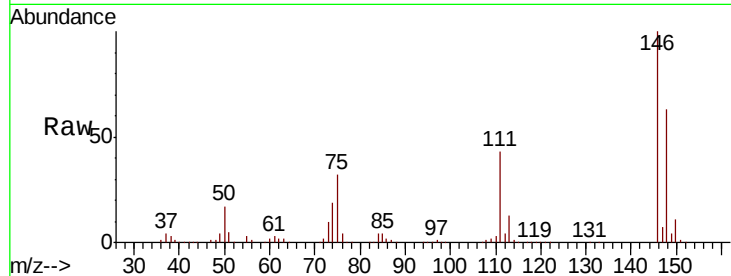




#13
 1,4-Dichlorobenzene
 Concen: 44.653 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

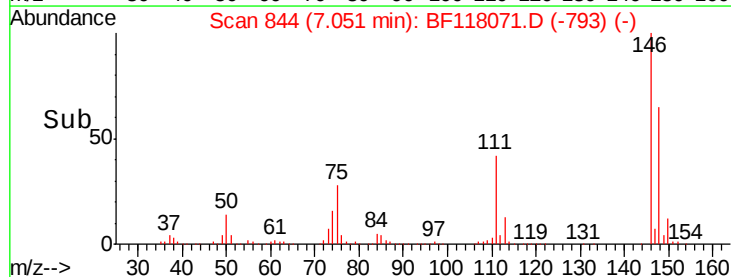
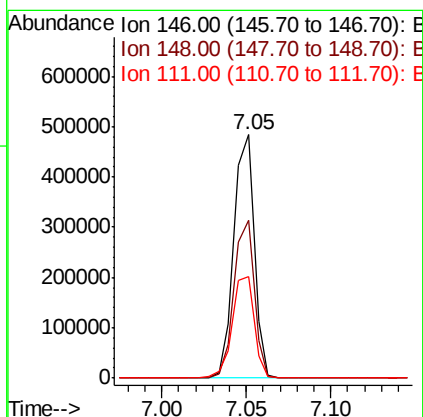
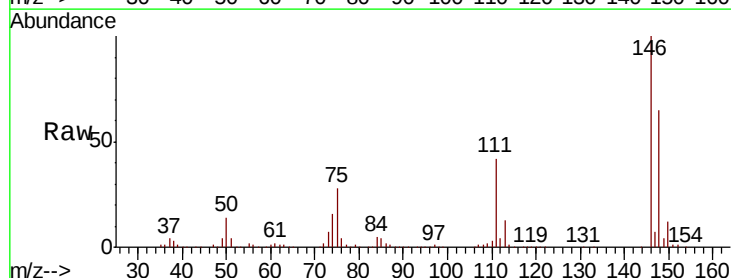
Instrument :
 BNA_F
 ClientSampleId :

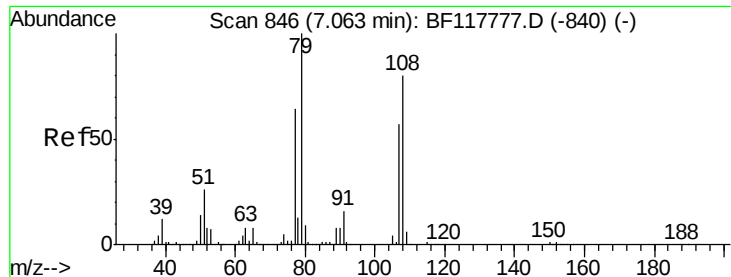
Tot Ion:146 Resp: 435564
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 42.8 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 43.497 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:146 Resp: 405787
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 41.9 35.8 53.8





#15

Benzyl Alcohol

Concen: 47.628 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

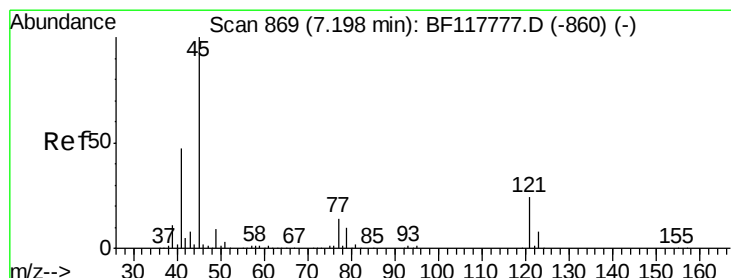
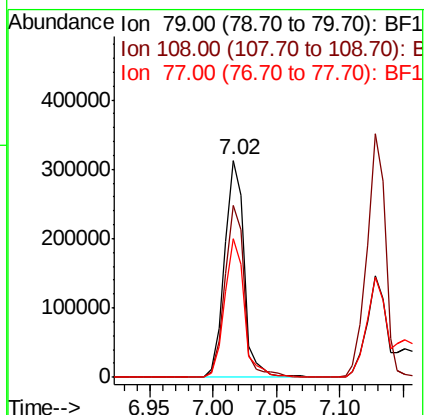
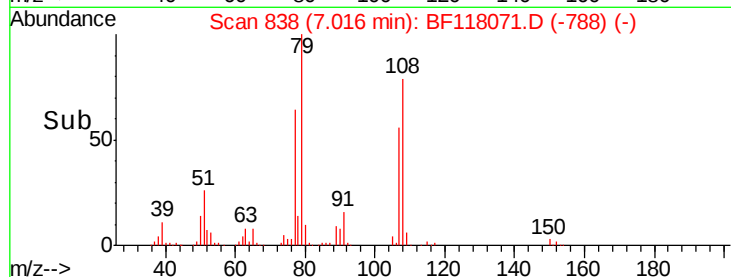
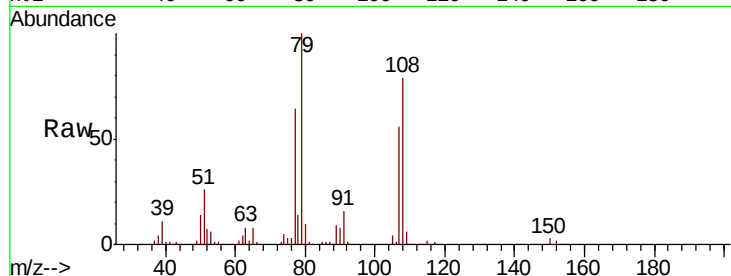
Tot Ion: 79 Resp: 335042

Ion Ratio Lower Upper

79 100

108 79.5 63.1 94.7

77 64.0 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.554 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

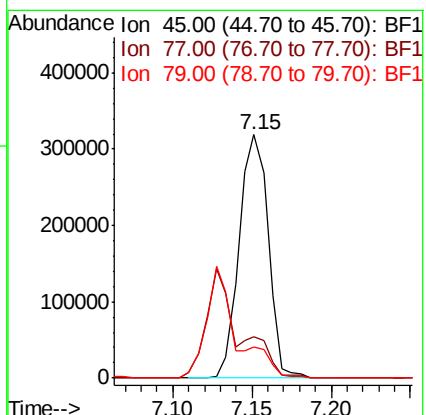
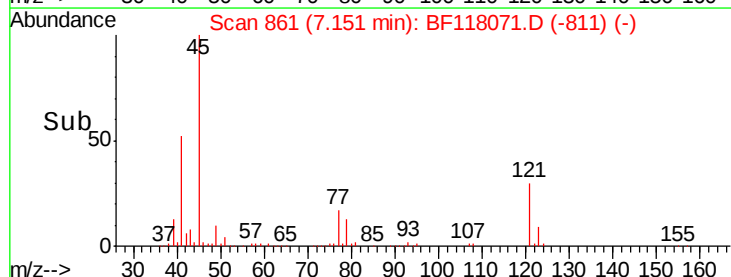
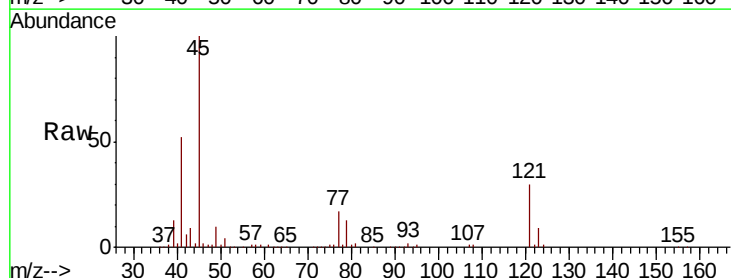
Tgt Ion: 45 Resp: 404501

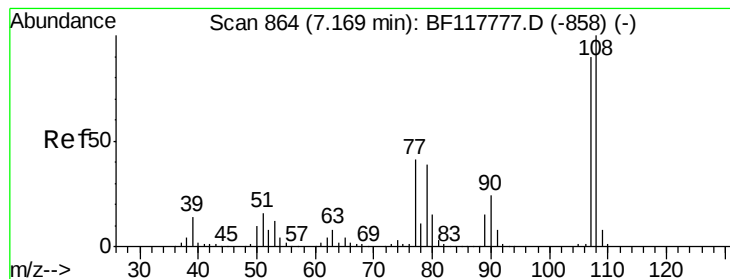
Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.8

79 12.9 0.0 33.5





#17

2-Methylphenol

Concen: 45.418 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 315272

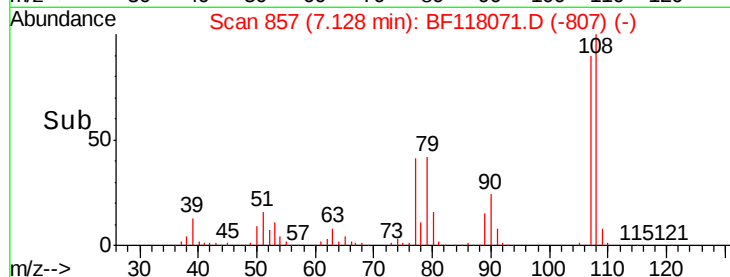
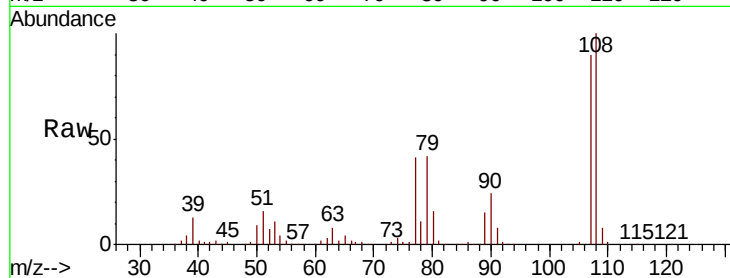
Ion Ratio Lower Upper

107 100

108 110.7 89.8 134.8

77 45.3 35.0 52.6

79 46.0 35.0 52.6

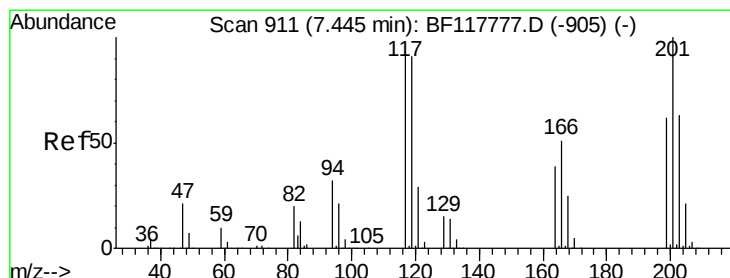
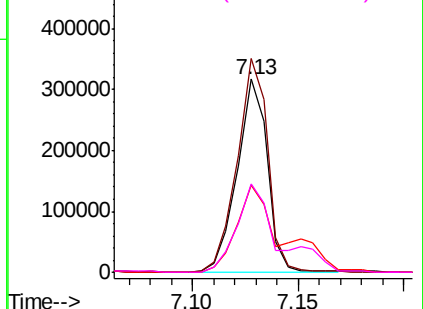


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.954 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

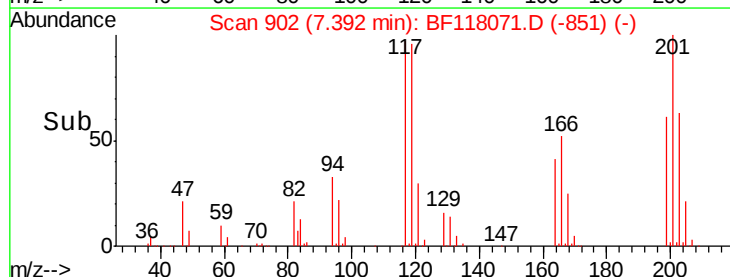
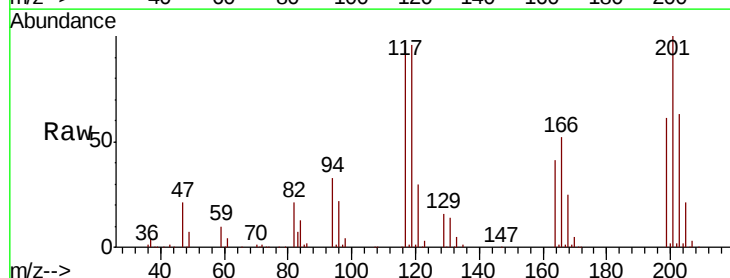
Tgt Ion:117 Resp: 157502

Ion Ratio Lower Upper

117 100

119 98.2 76.4 114.6

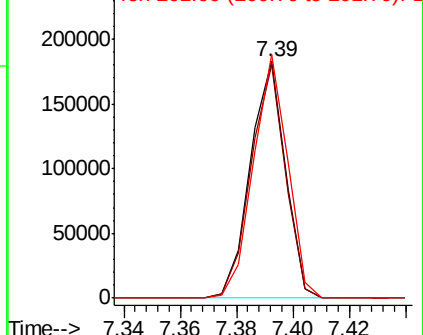
201 102.7 71.7 107.5

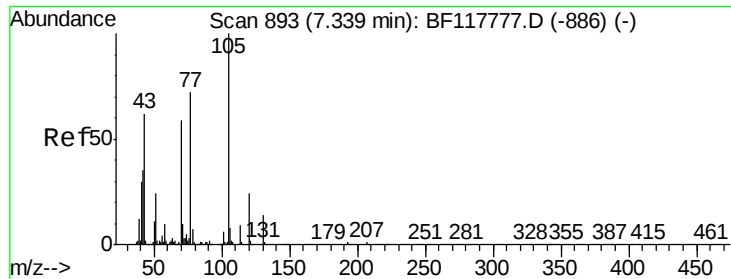


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

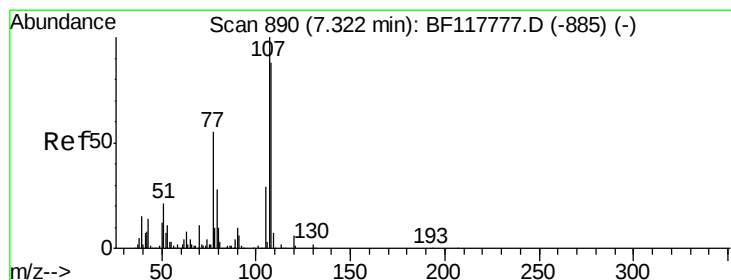
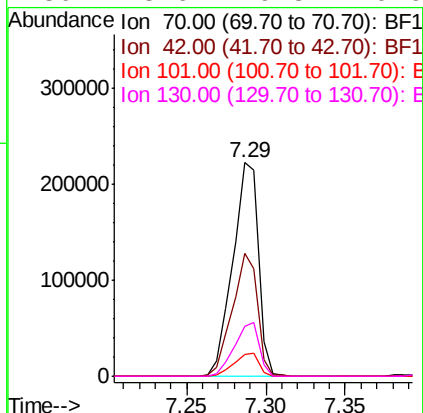
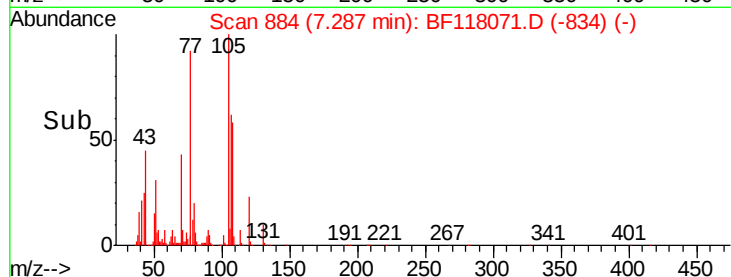
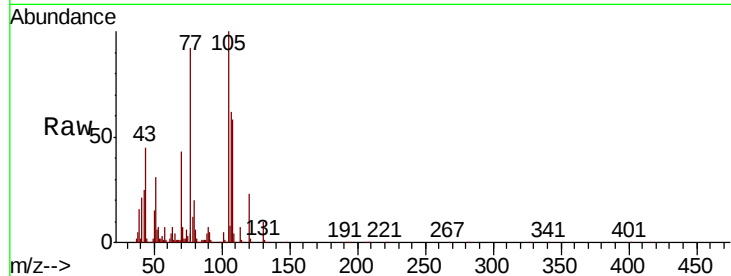




#19
n-Nitroso-di-n-propylamine
Concen: 44.510 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

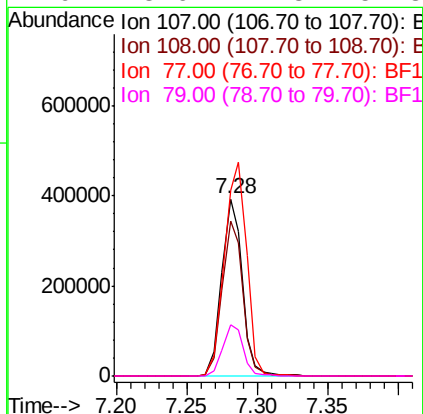
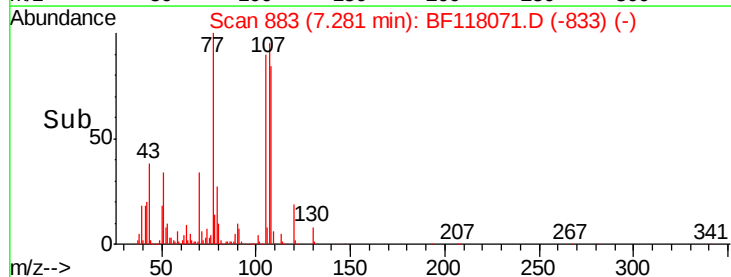
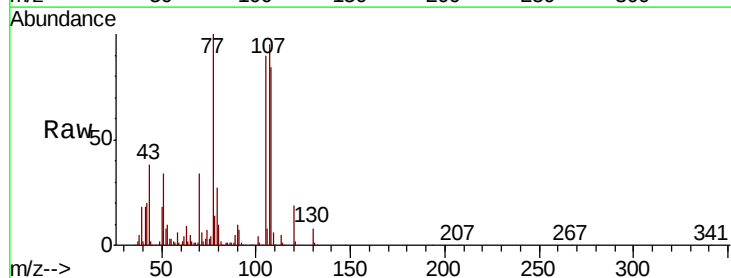
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 250194
Ion Ratio Lower Upper
70 100
42 57.5 46.0 69.0
101 10.4 8.8 13.2
130 23.6 19.8 29.6



#20
3+4-Methylphenols
Concen: 46.281 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:107 Resp: 398798
Ion Ratio Lower Upper
107 100
108 87.7 71.9 111.9
77 104.9 91.6 131.6
79 28.6 11.3 51.3

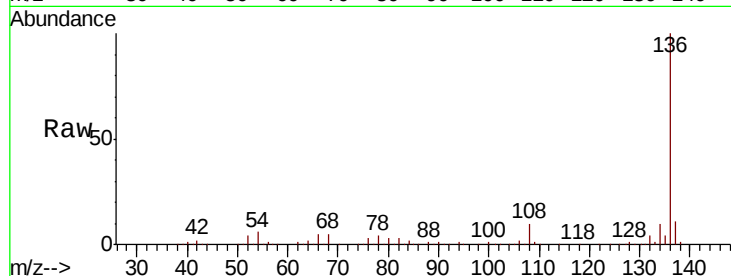




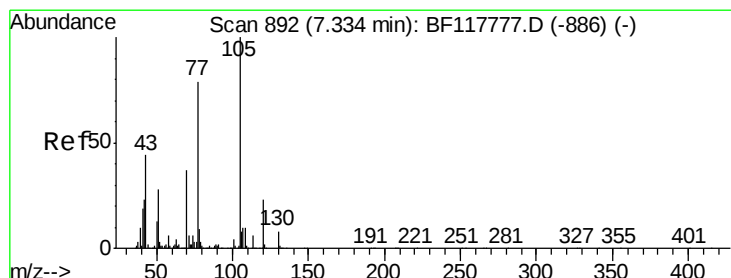
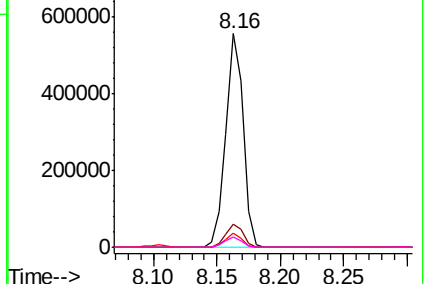
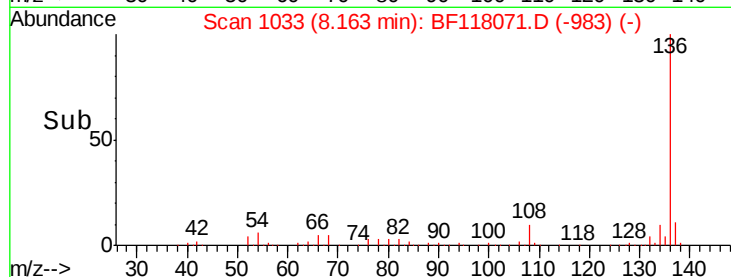
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	528327
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.4	4.9 7.3
68	4.7	3.6 5.4

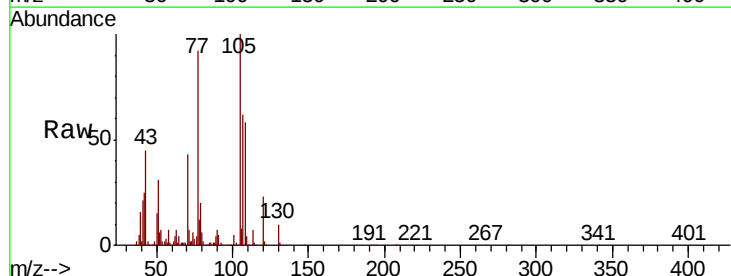


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

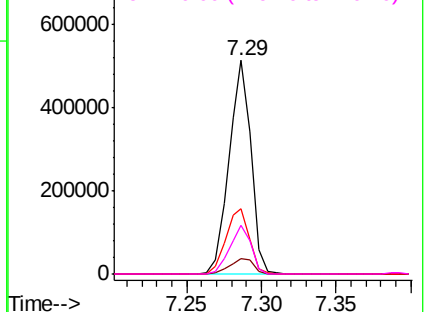
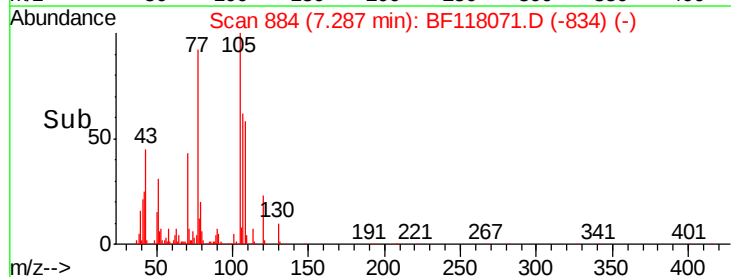


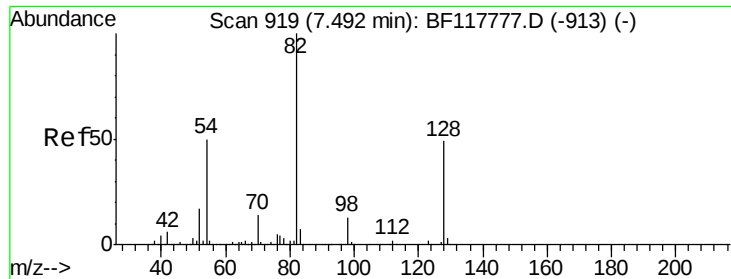
#22
Acetophenone
Concen: 44.838 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:105	Resp:	532223
Ion Ratio	Lower	Upper
105	100	
71	7.0	5.9 8.9
51	30.8	20.2 30.2#
120	22.8	17.9 26.9



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

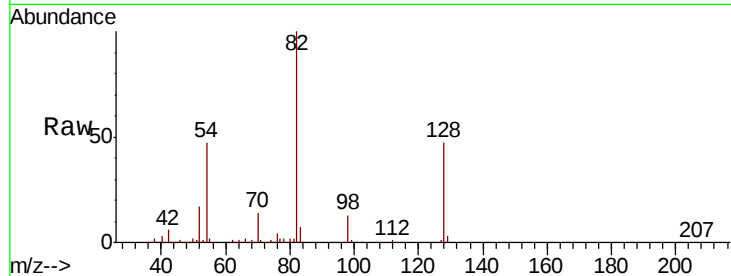




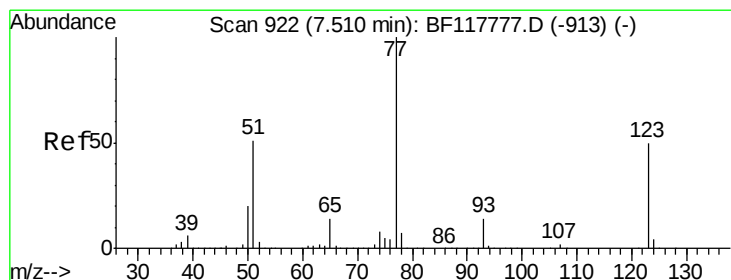
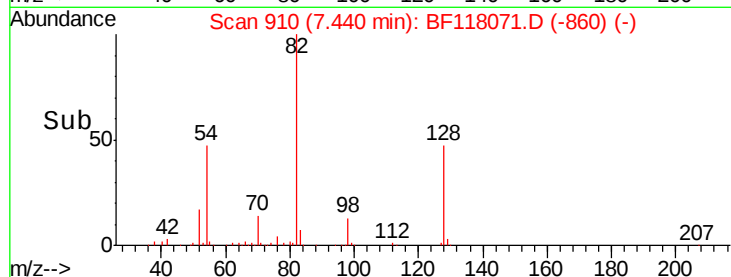
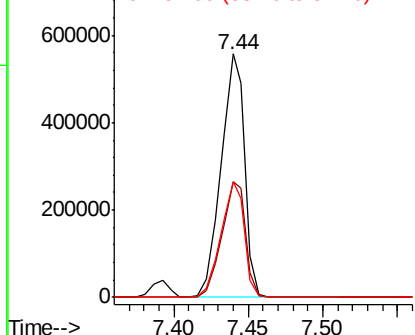
#23
Nitrobenzene-d5
Concen: 69.675 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	619241
Ion Ratio	Lower	Upper	
82	100		
128	47.3	38.2	57.4
54	47.4	39.0	58.4

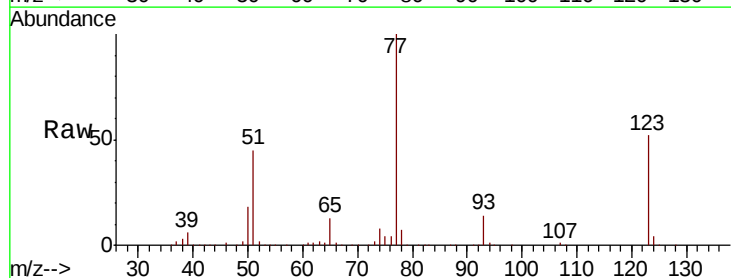


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

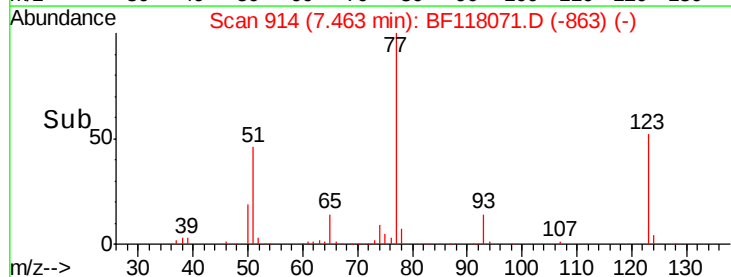
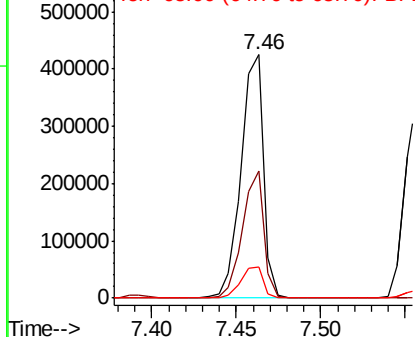


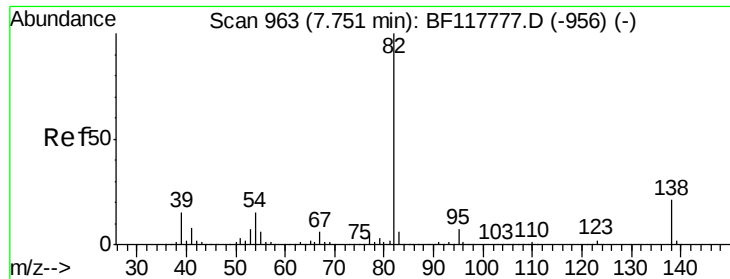
#24
Nitrobenzene
Concen: 43.001 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	77	Resp	394258
Ion Ratio	Lower	Upper	
77	100		
123	52.3	38.2	57.2
65	13.0	11.1	16.7



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

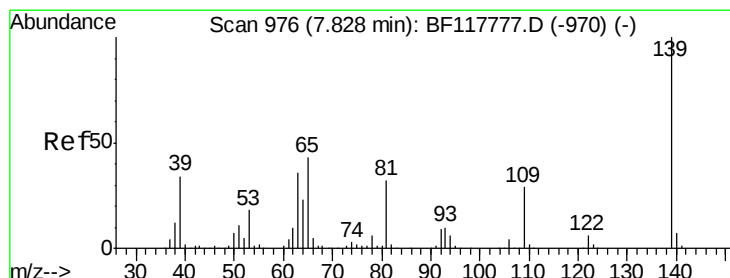
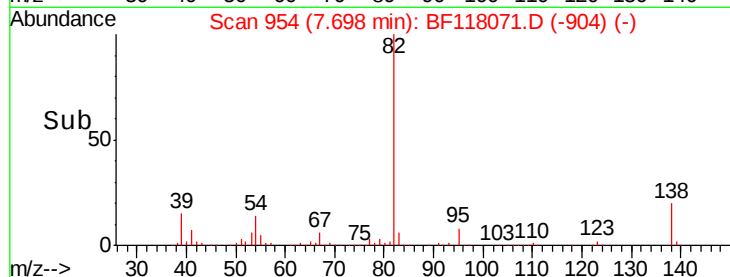
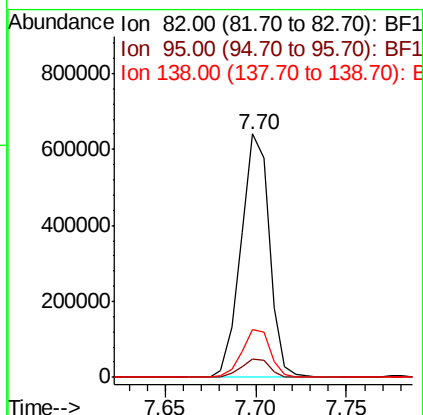
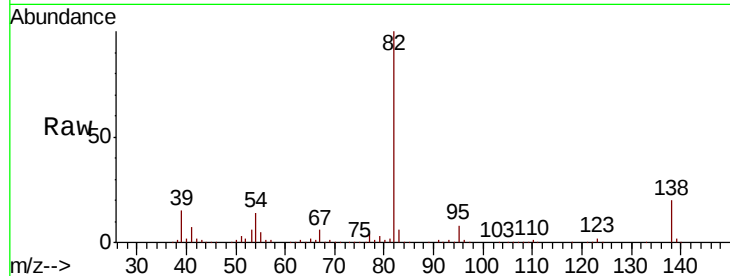




#25
Isophorone
Concen: 42.855 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

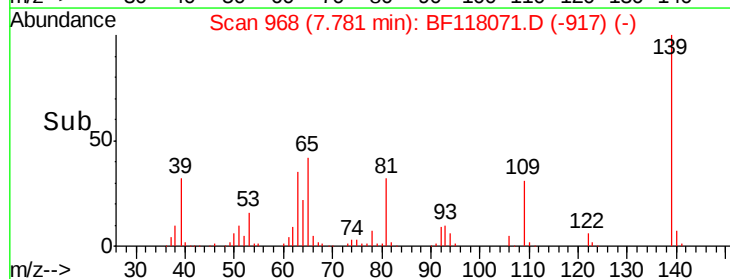
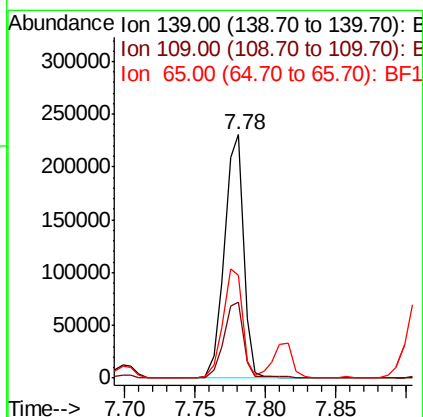
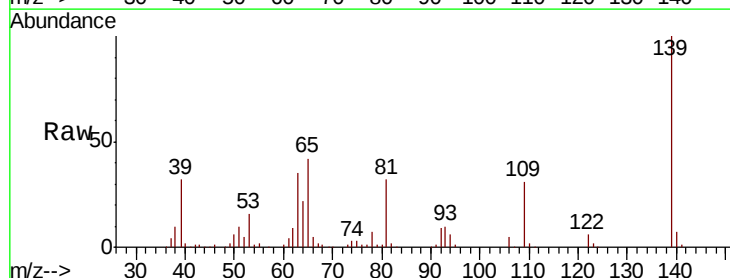
Instrument :
BNA_F
ClientSampleId :

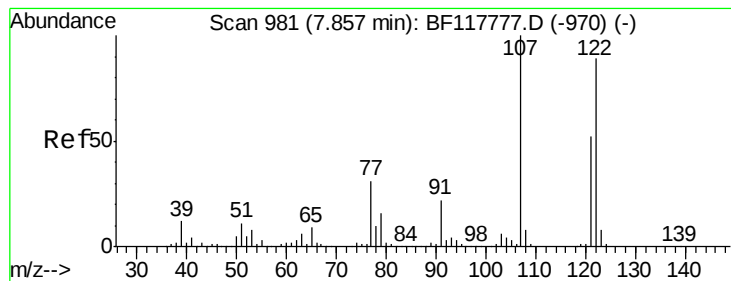
Tot Ion: 82 Resp: 698083
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 19.9 15.9 23.9



#26
2-Nitrophenol
Concen: 49.222 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion: 139 Resp: 219662
Ion Ratio Lower Upper
139 100
109 31.4 23.8 35.6
65 42.3 36.2 54.4





#27

2,4-Dimethylphenol

Concen: 50.292 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampled :

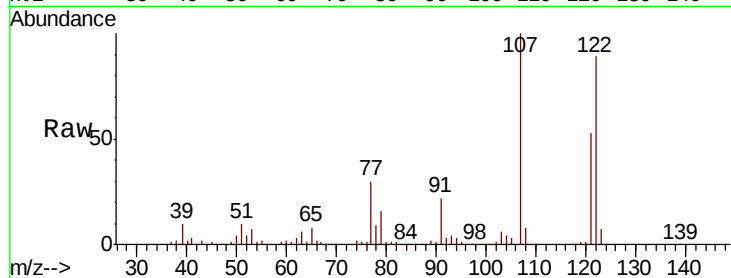
Tot Ion:122 Resp: 348745

Ion Ratio Lower Upper

122 100

107 112.9 92.6 138.8

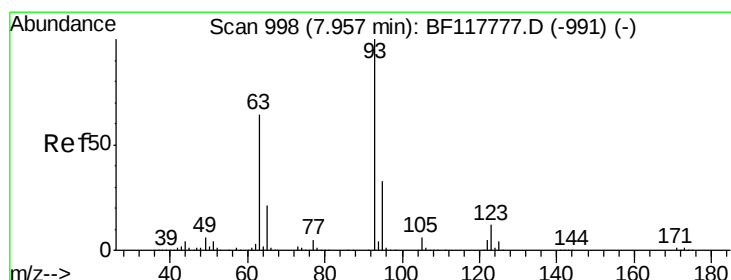
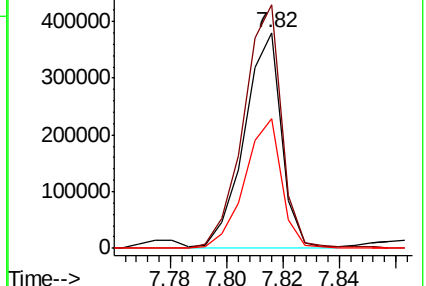
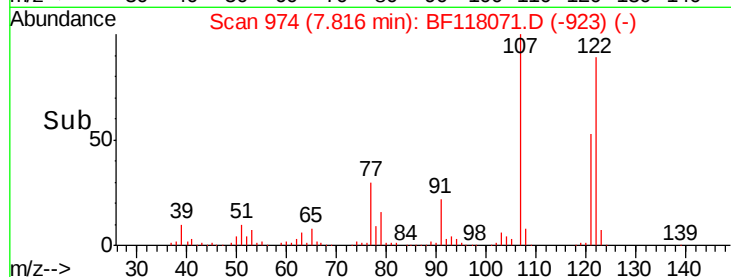
121 60.0 46.9 70.3



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: 42.462 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

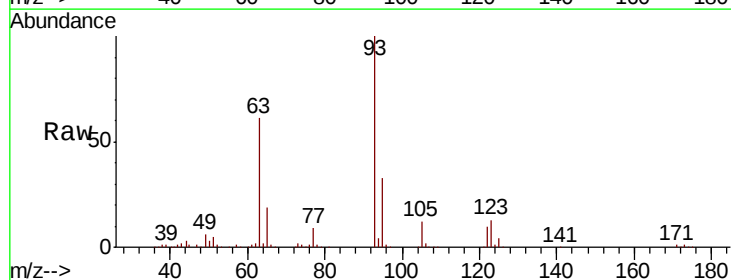
Tgt Ion: 93 Resp: 438920

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

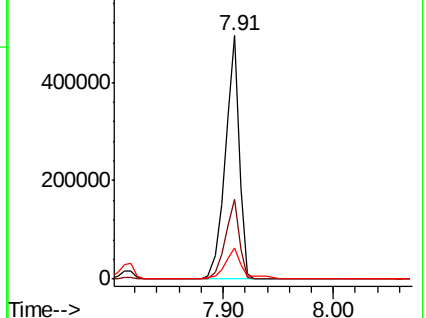
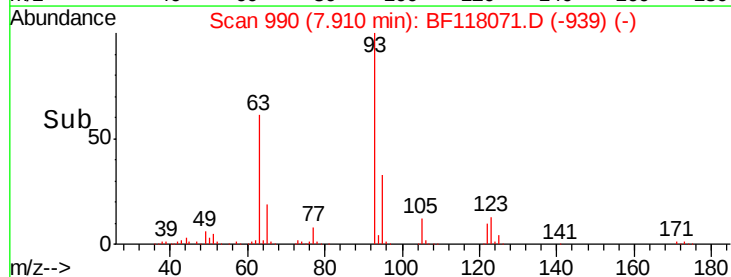
123 13.0 10.2 15.4

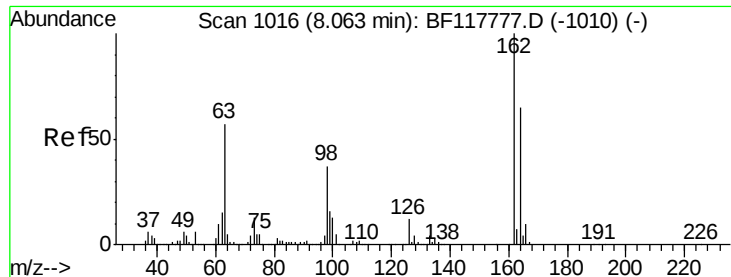


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

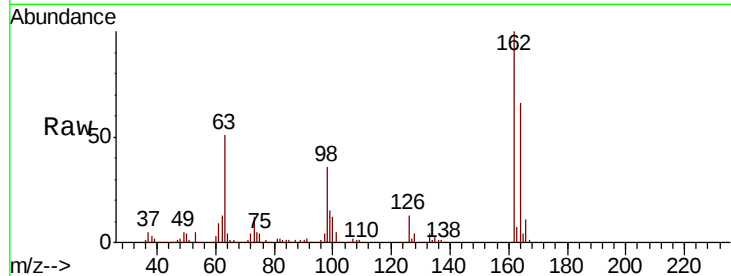




#29
2,4-Dichlorophenol
Concen: 45.008 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.9	82.9
98	35.6	16.7	56.7

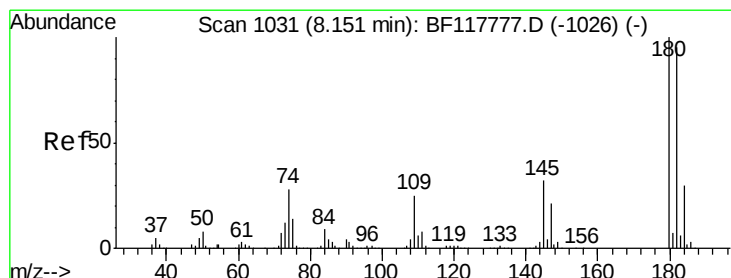
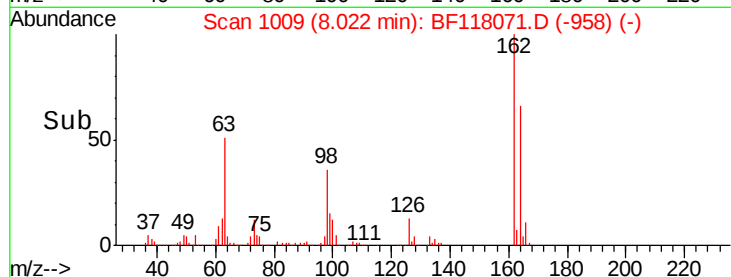
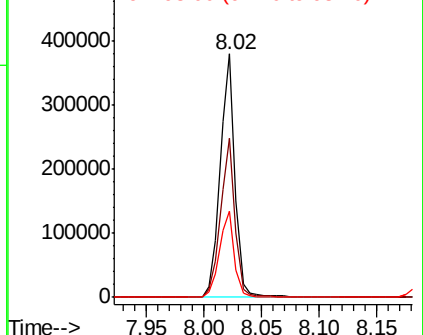


Abundance

Ion 162.00 (161.70 to 162.70): E

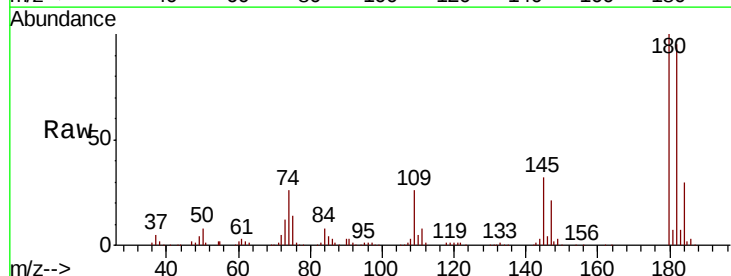
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.401 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	32.3	25.1	37.7

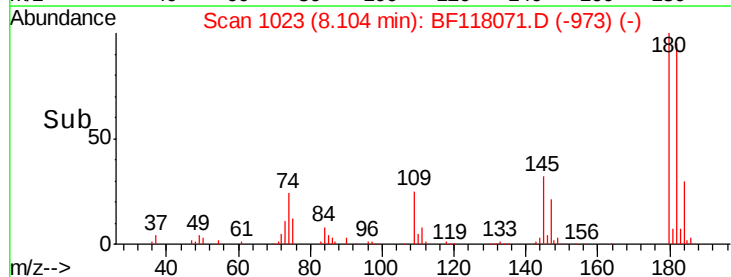
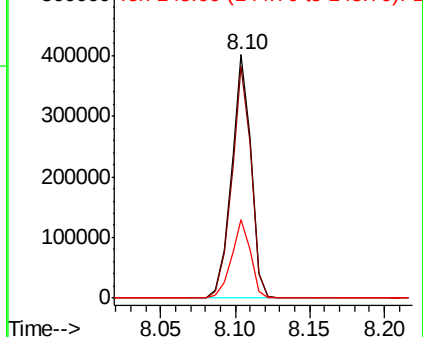


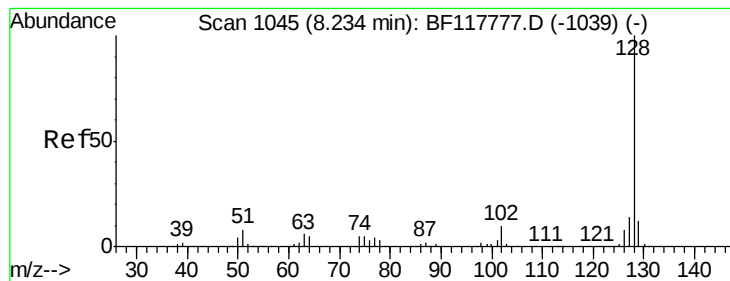
Abundance

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: 46.888 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

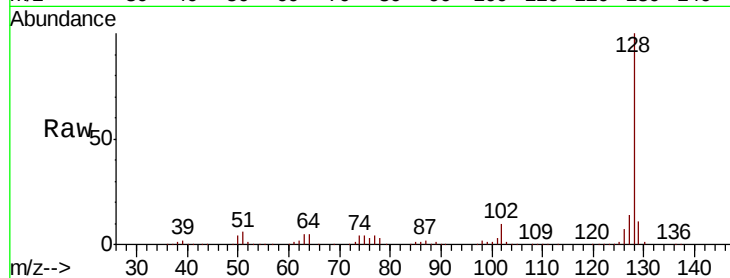
Tot Ion:128 Resp: 1154858

Ion Ratio Lower Upper

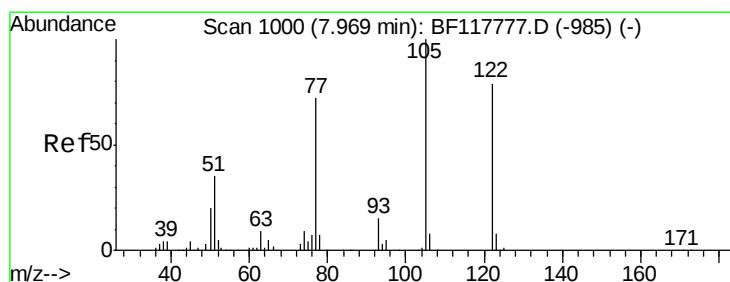
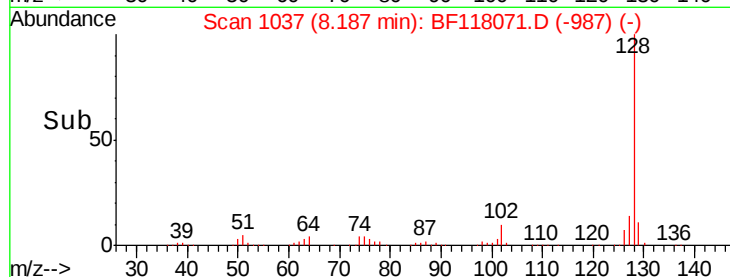
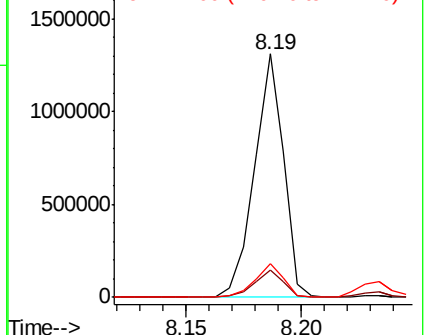
128 100

129 11.4 8.8 13.2

127 13.7 10.6 16.0



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: 42.602 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

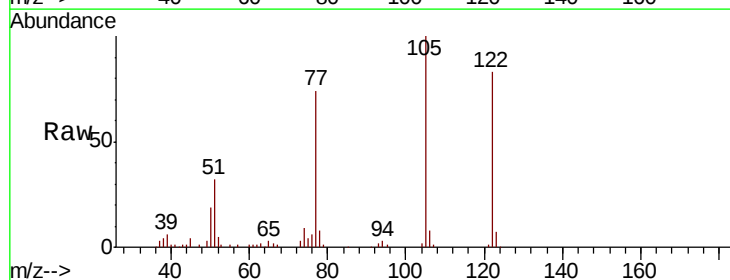
Tgt Ion:122 Resp: 247357

Ion Ratio Lower Upper

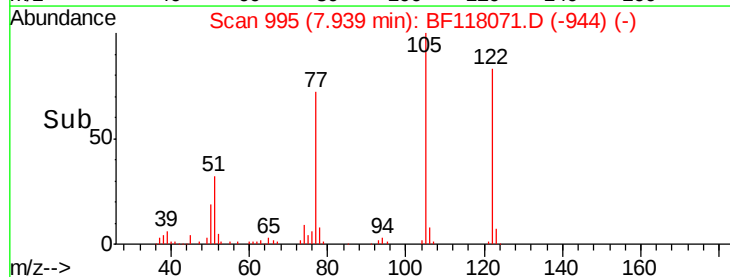
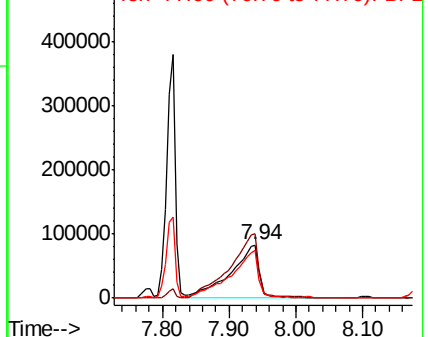
122 100

105 120.3 101.4 141.4

77 89.0 66.4 106.4



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

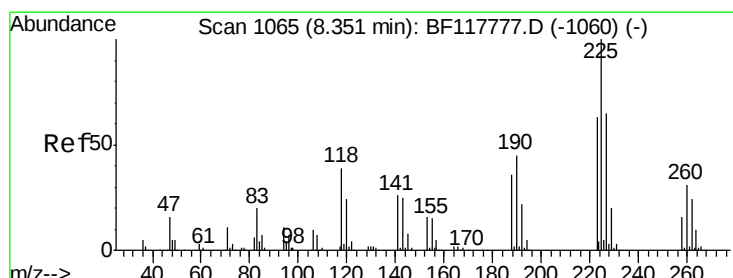
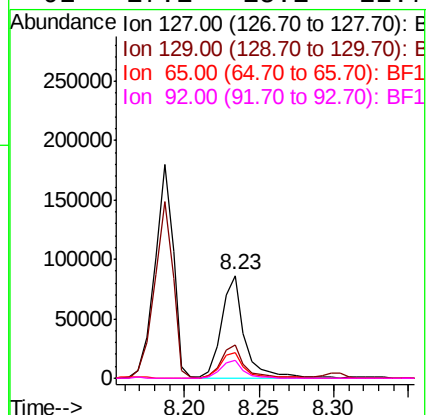
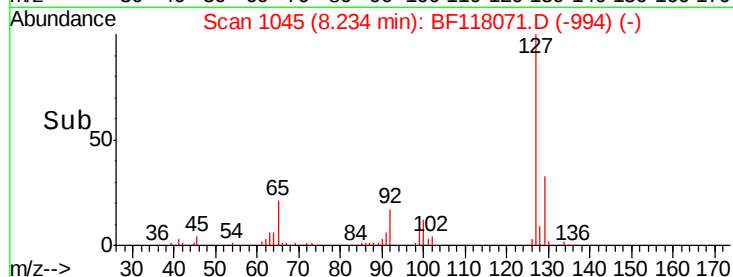
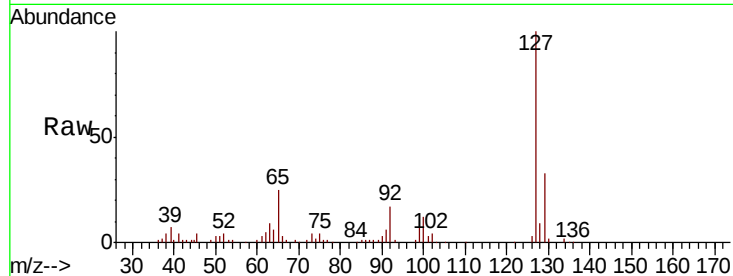




#33
4-Chloroaniline
Concen: 8.405 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

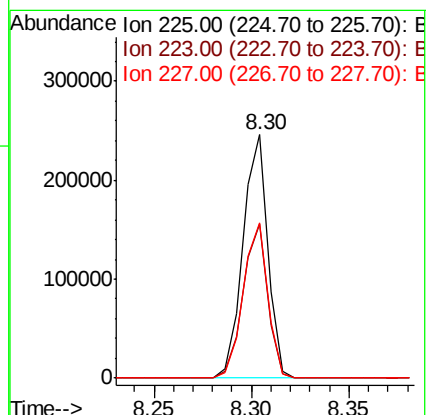
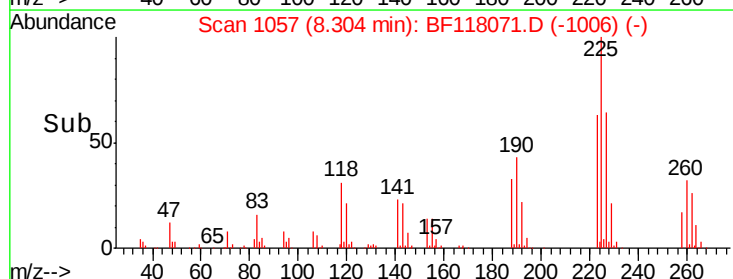
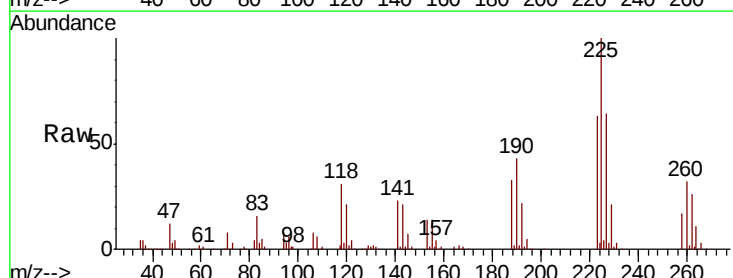
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	92673
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	24.7	23.4	35.0
92	17.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.288 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:	225	Resp:	215719
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	63.7	52.6	78.8

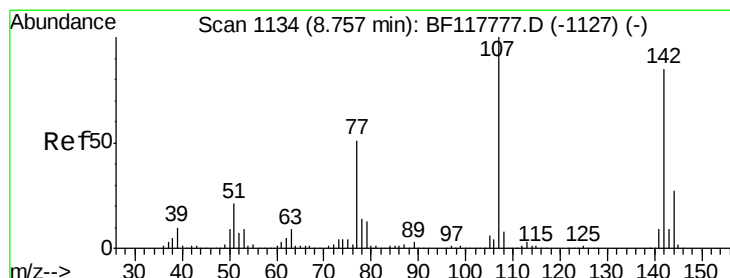
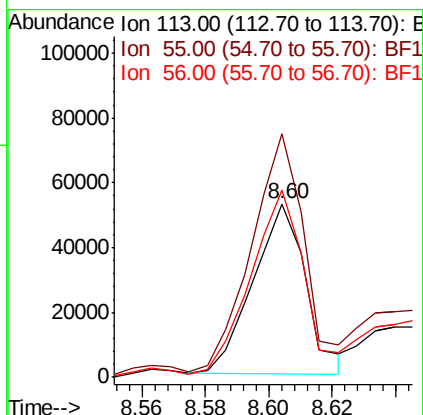
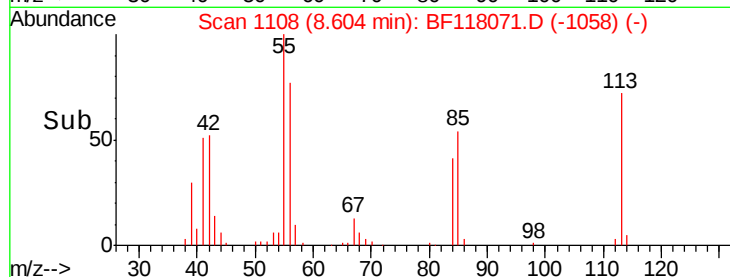
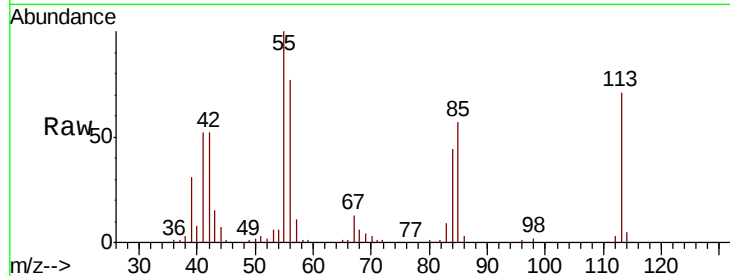




#35
Caprolactam
Concen: 25.422 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

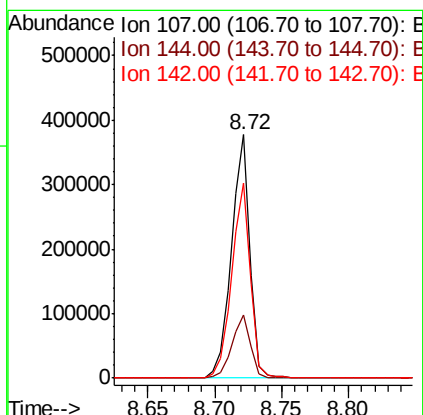
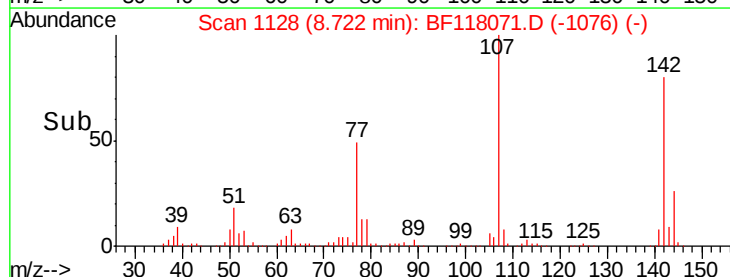
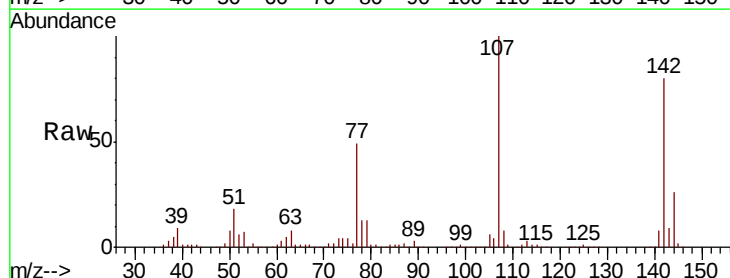
Instrument :
BNA_F
ClientSampleId :

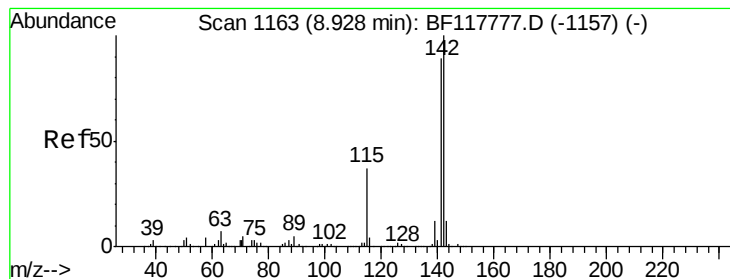
Tot Ion:113 Resp: 60772
Ion Ratio Lower Upper
113 100
55 140.4 125.5 165.5
56 108.1 88.0 128.0



#36
4-Chloro-3-methylphenol
Concen: 48.245 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:107 Resp: 368286
Ion Ratio Lower Upper
107 100
144 26.1 20.6 30.8
142 80.2 62.5 93.7





#37

2-Methylnaphthalene

Concen: 47.924 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

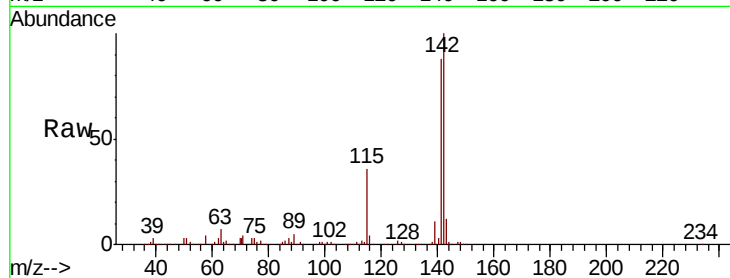
Tot Ion:142 Resp: 797535

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.4

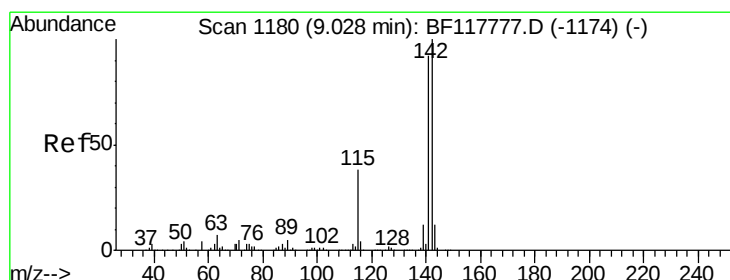
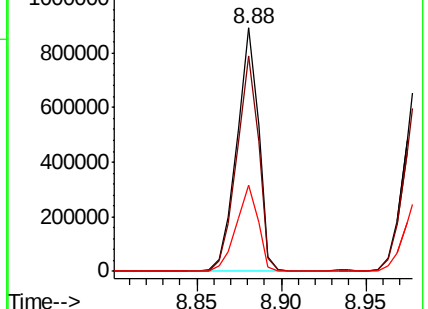
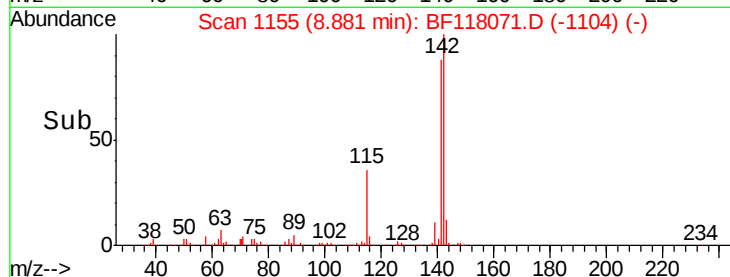
115 35.5 29.2 43.8



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: 47.031 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

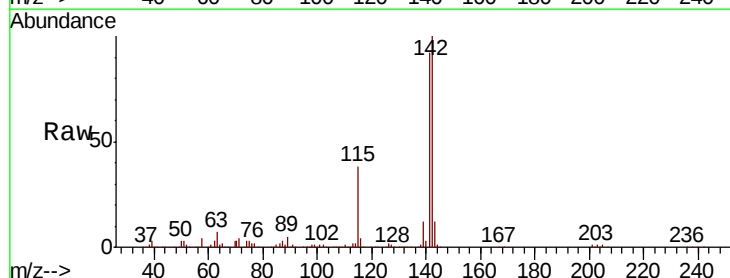
Tgt Ion:142 Resp: 739947

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4

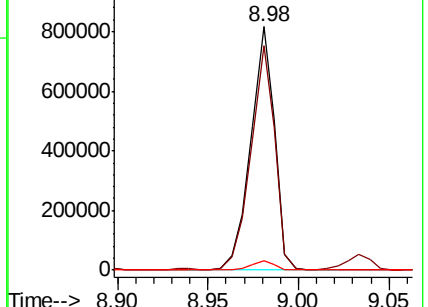
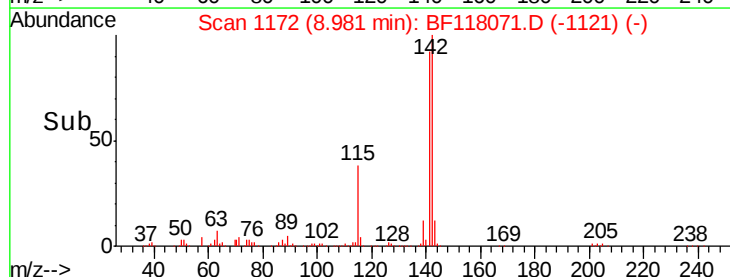
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

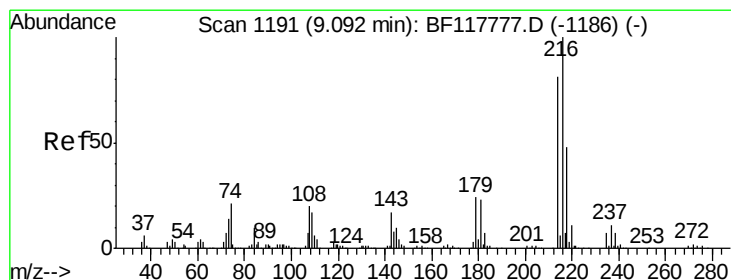
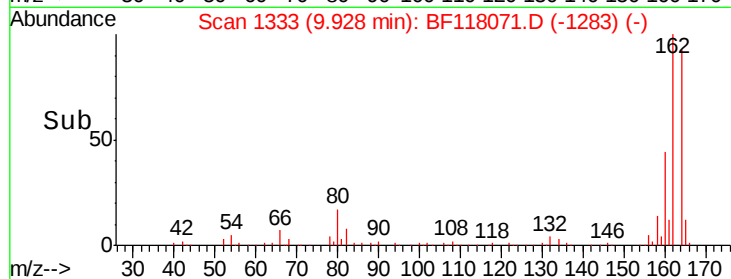
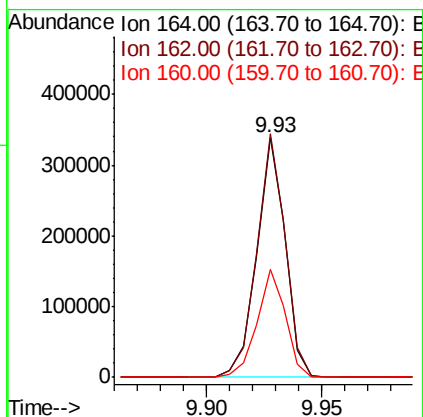
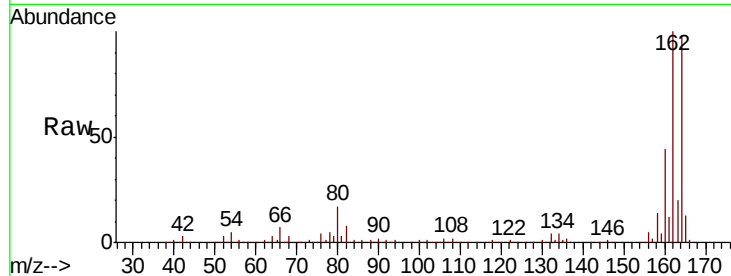




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

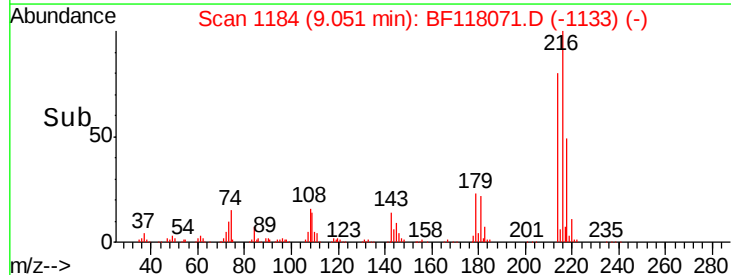
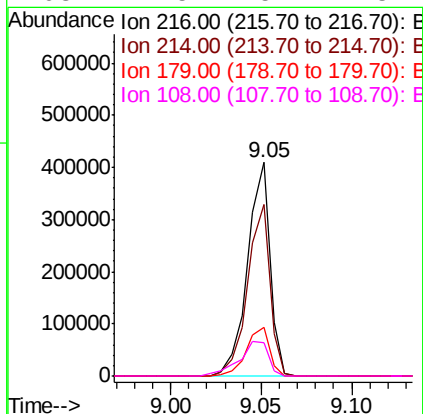
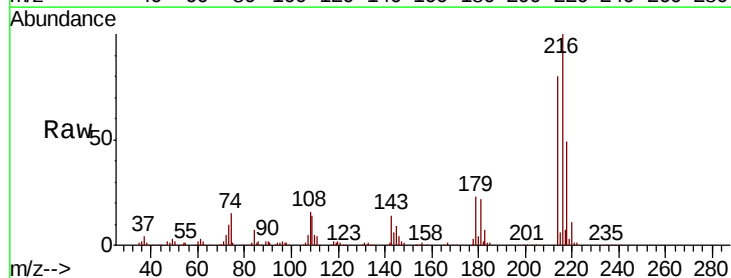
Instrument :
BNA_F
ClientSampleId :

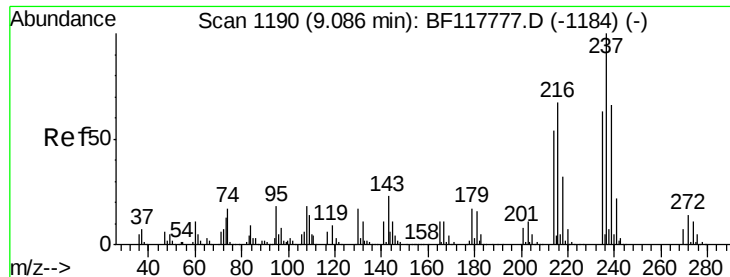
Tot Ion:164 Resp: 292244
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.551 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:216 Resp: 352648
Ion Ratio Lower Upper
216 100
214 80.1 63.0 94.4
179 23.4 18.5 27.7
108 21.5 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 79.431 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

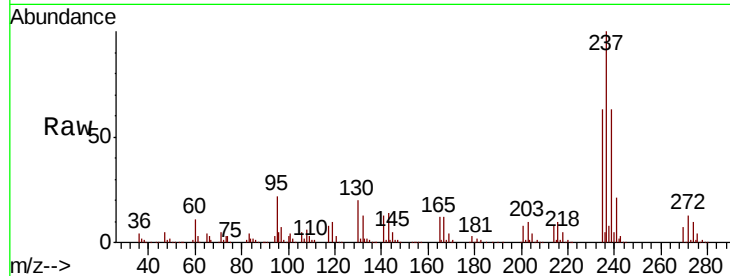
Tot Ion:237 Resp: 377788

Ion Ratio Lower Upper

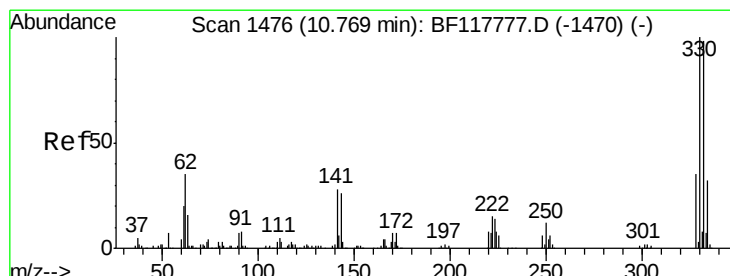
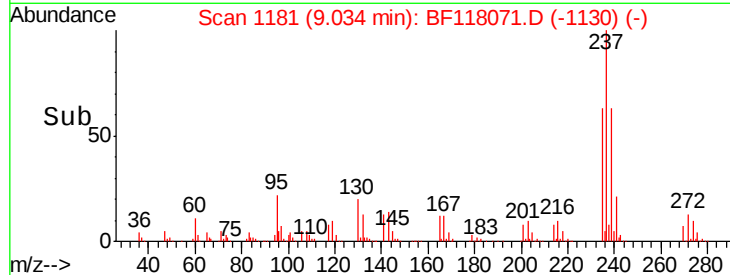
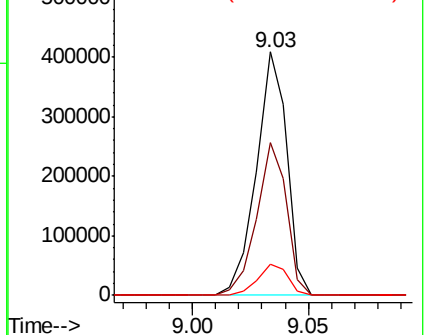
237 100

235 63.0 43.7 83.7

272 12.6 0.0 32.7



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: 121.605 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

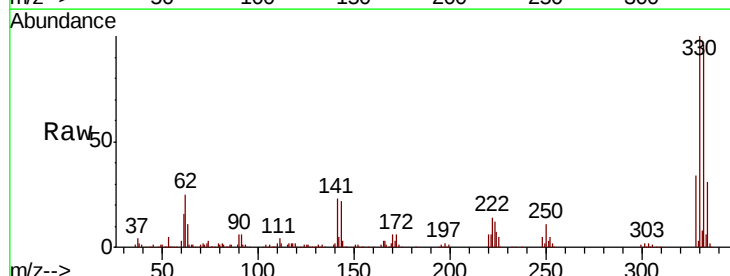
Tgt Ion:330 Resp: 376241

Ion Ratio Lower Upper

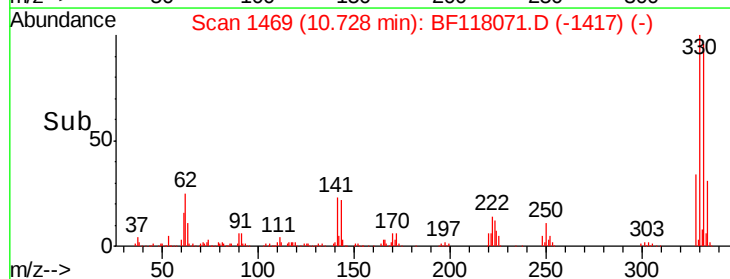
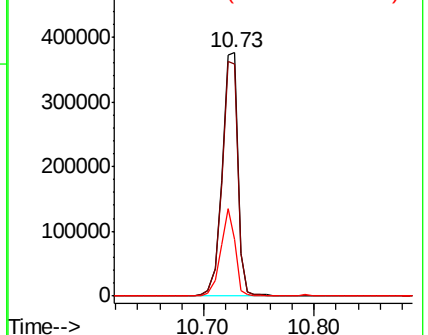
330 100

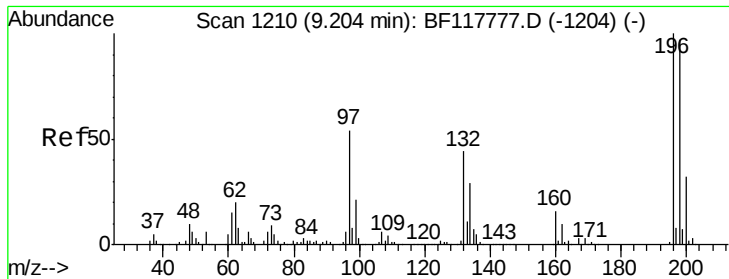
332 96.7 78.3 117.5

141 32.6 26.4 39.6



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

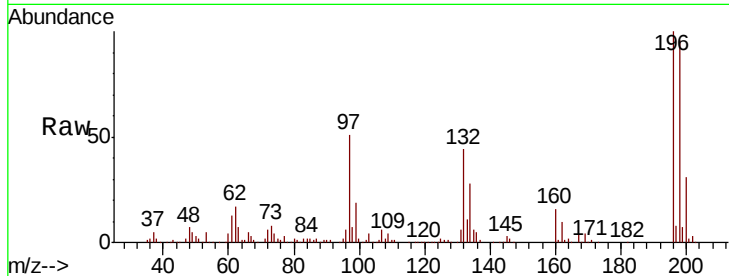




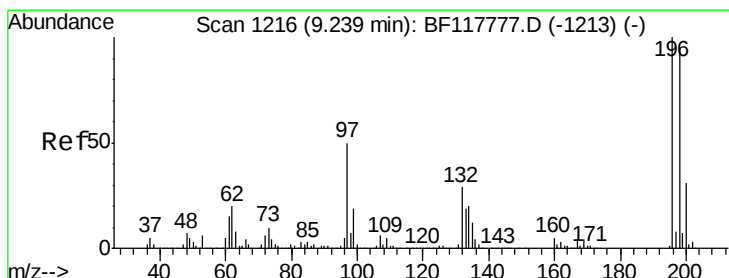
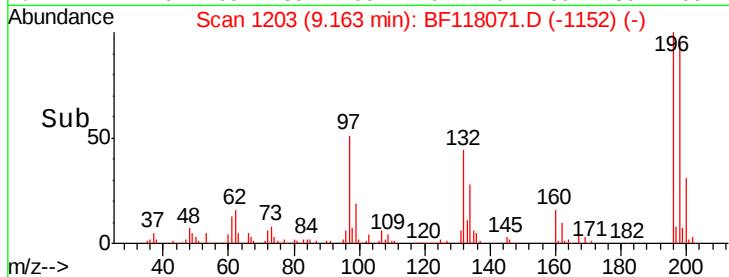
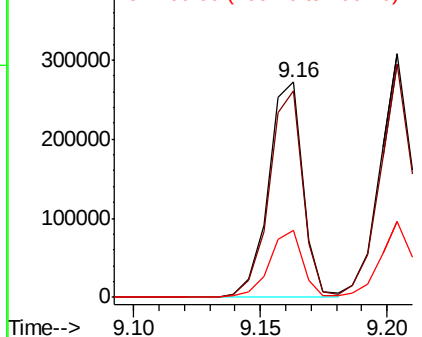
#43
 2,4,6-Trichlorophenol
 Concen: 42.314 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 257227
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.9 115.3
 200 30.9 24.2 36.4

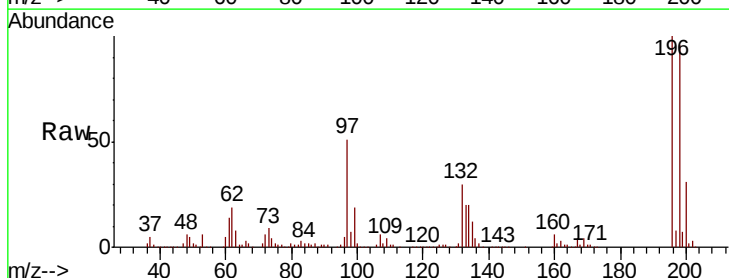


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

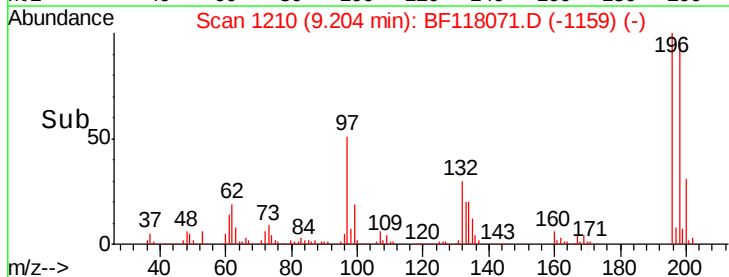
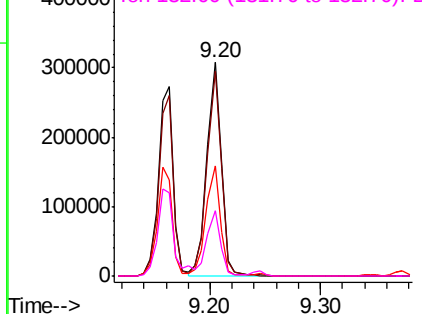


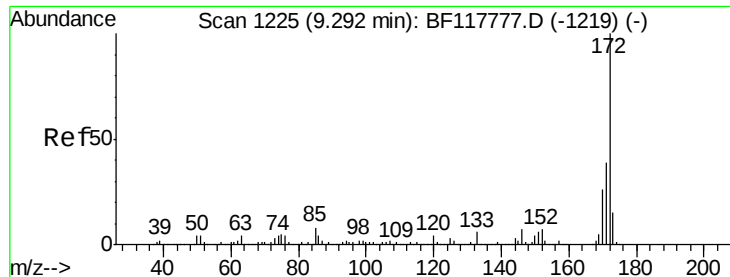
#44
 2,4,5-Trichlorophenol
 Concen: 43.022 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:196 Resp: 271536
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.1 117.1
 97 51.5 37.4 56.2
 132 30.4 22.7 34.1



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

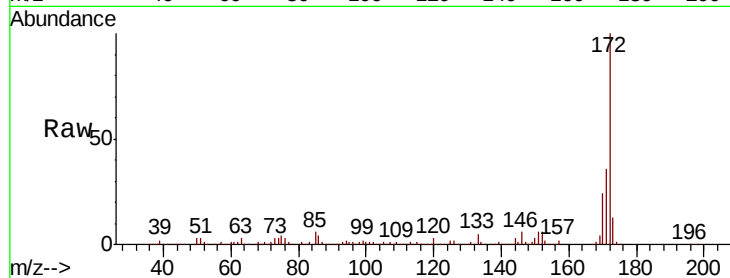




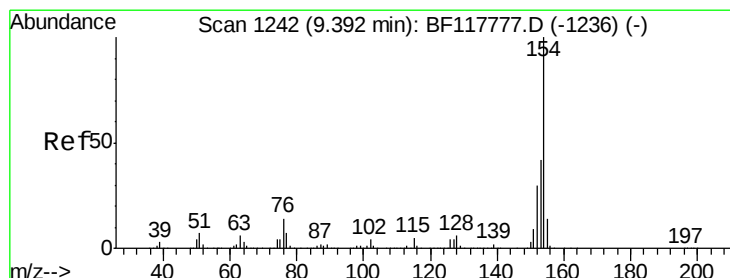
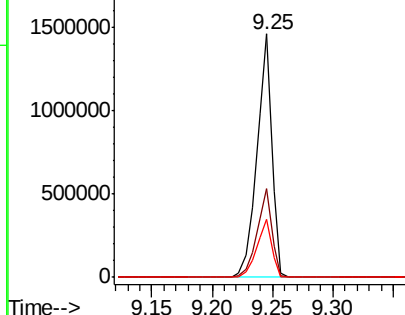
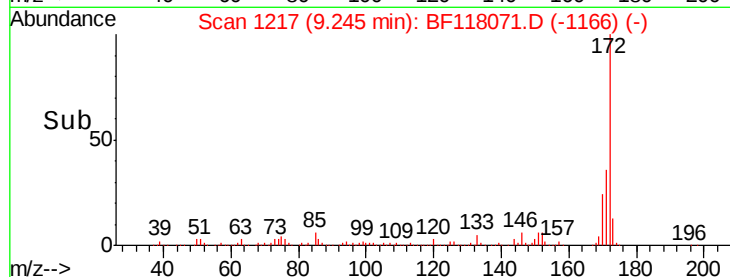
#45
2-Fluorobiphenyl
Concen: 77.346 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1259952
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.8 19.3 28.9

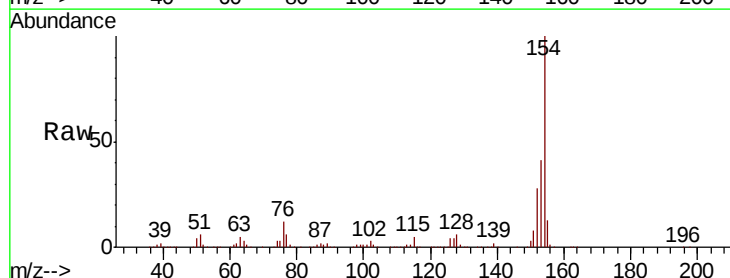


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

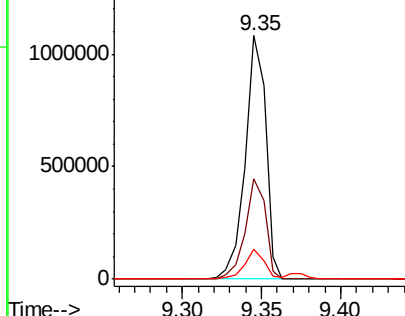
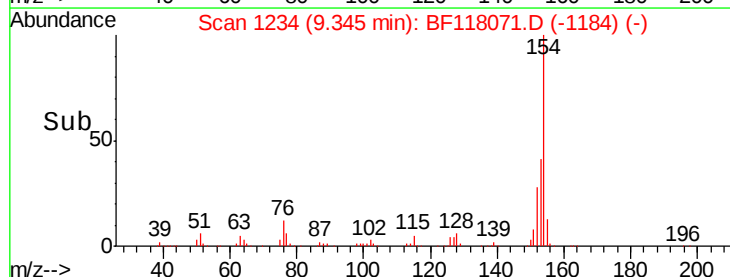


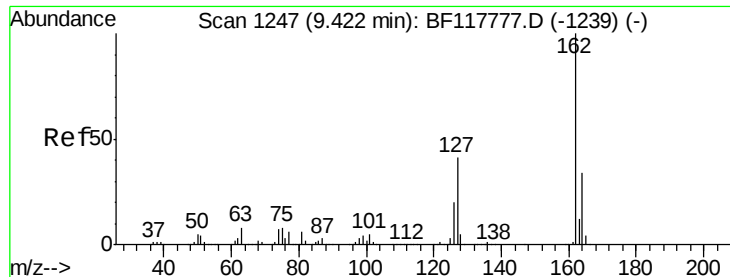
#46
1,1'-Biphenyl
Concen: 44.715 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:154 Resp: 969511
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 12.2 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

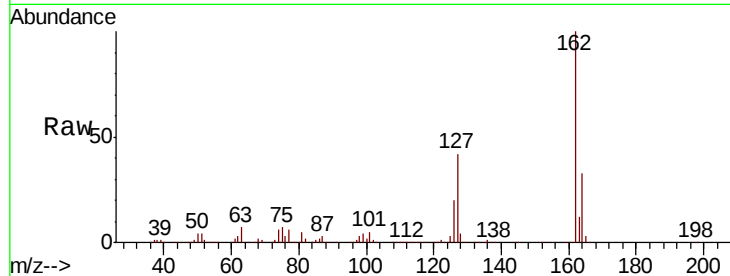




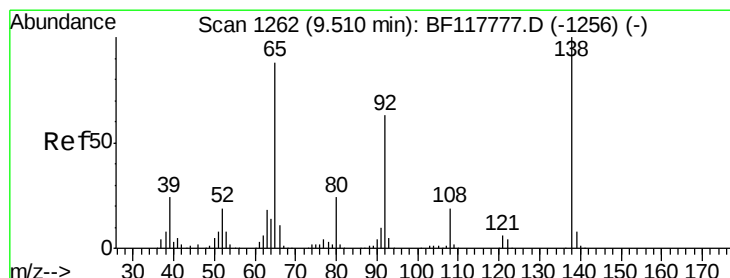
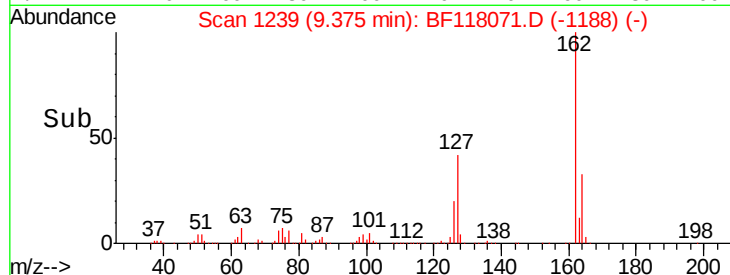
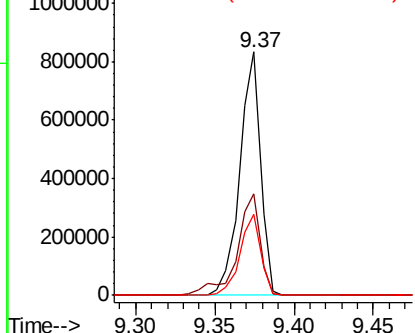
#47
2-Chloronaphthalene
Concen: 42.299 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 754472
Ion Ratio Lower Upper
162 100
127 41.8 34.6 52.0
164 33.4 26.0 39.0

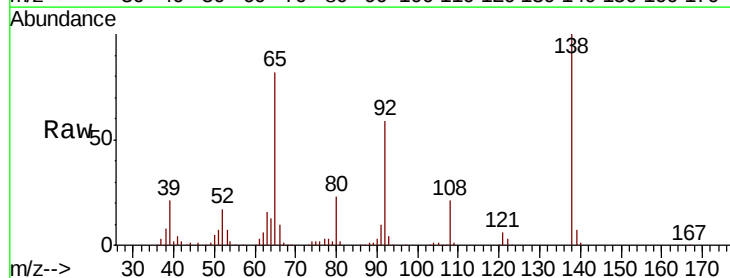


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

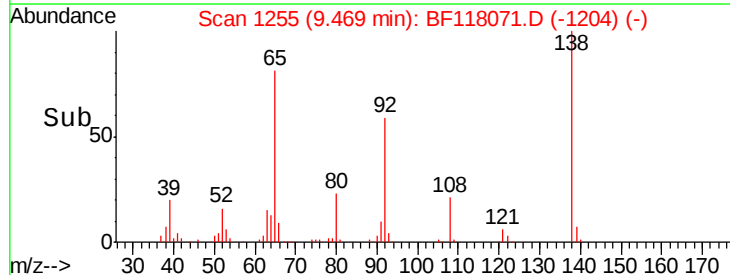
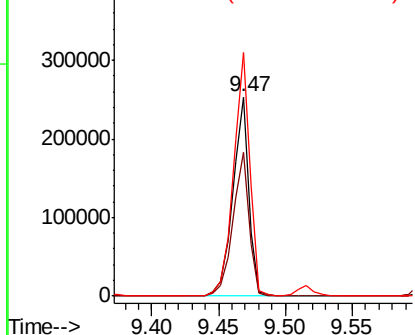


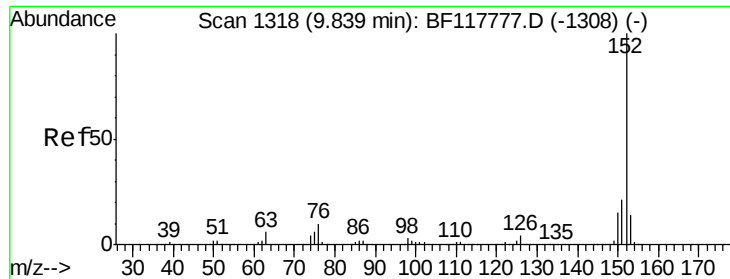
#48
2-Nitroaniline
Concen: 40.039 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion: 65 Resp: 215607
Ion Ratio Lower Upper
65 100
92 72.6 57.9 86.9
138 122.5 96.2 144.2



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





#49

Acenaphthylene

Concen: 46.275 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

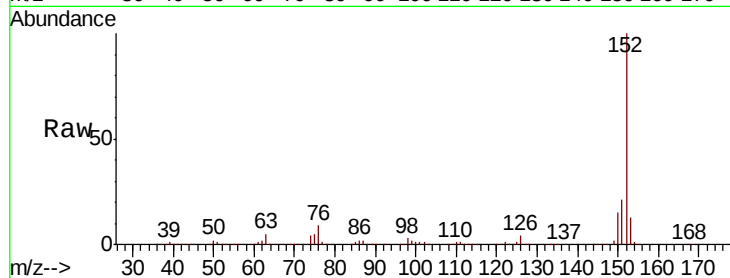
Tot Ion:152 Resp: 1203375

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

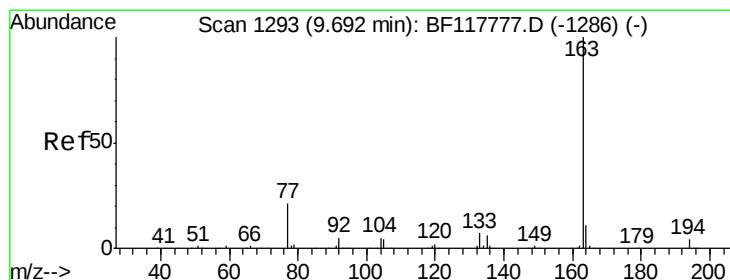
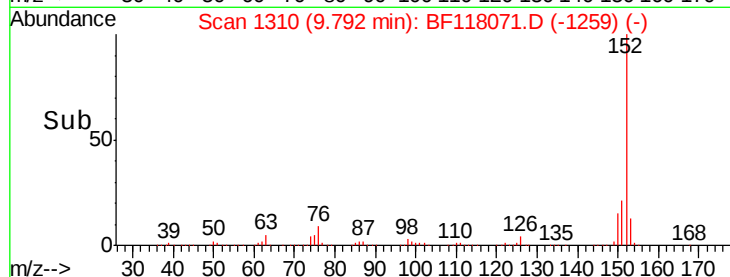
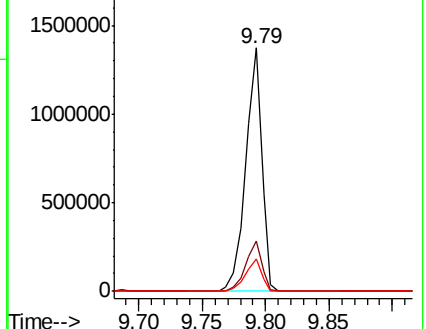
153 13.1 11.1 16.7



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: 52.781 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

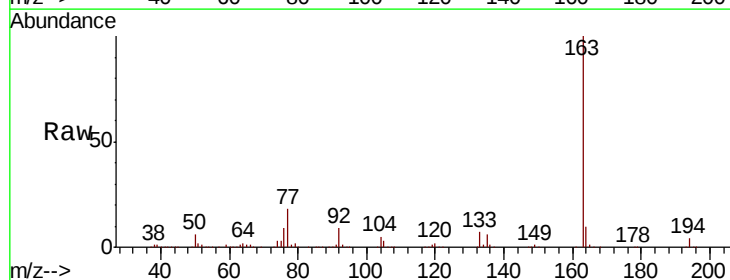
Tgt Ion:163 Resp: 1081659

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

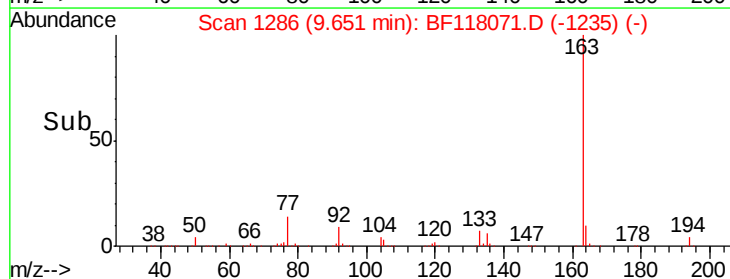
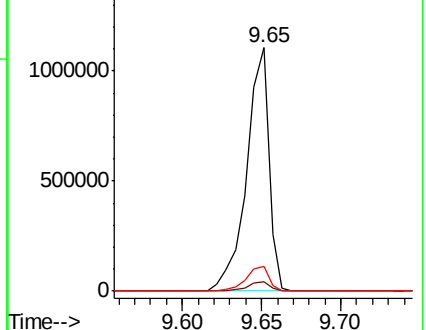
164 10.2 7.9 11.9

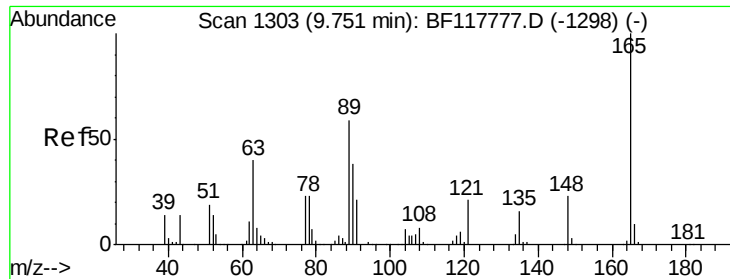


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.562 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampled :

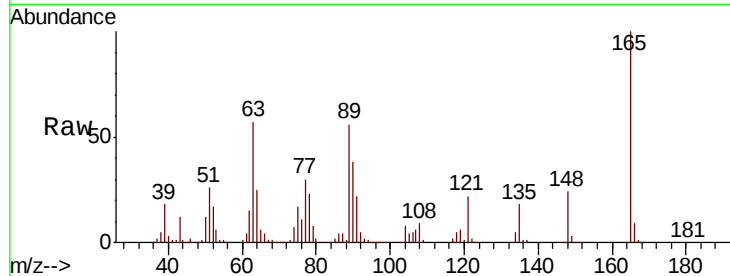
Tot Ion:165 Resp: 204069

Ion Ratio Lower Upper

165 100

63 57.4 43.9 65.9

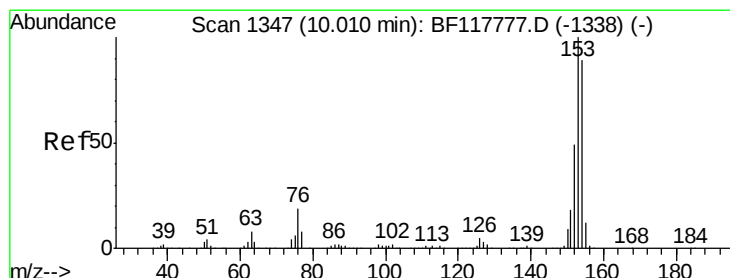
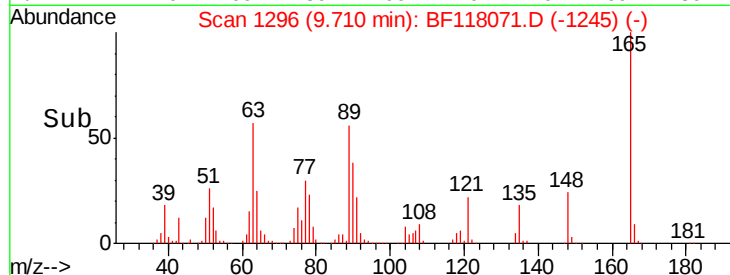
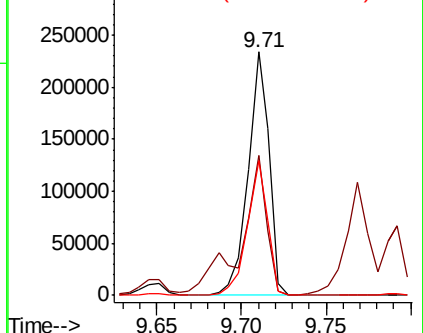
89 55.6 45.5 68.3



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: 42.345 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

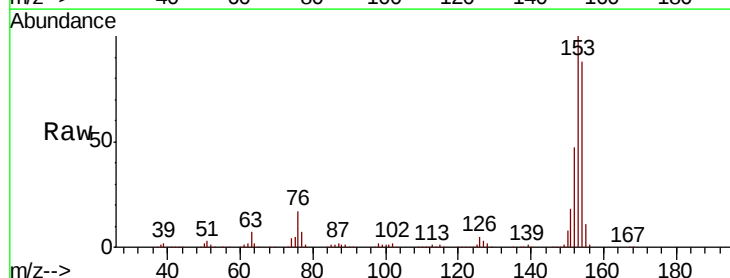
Tgt Ion:154 Resp: 705414

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

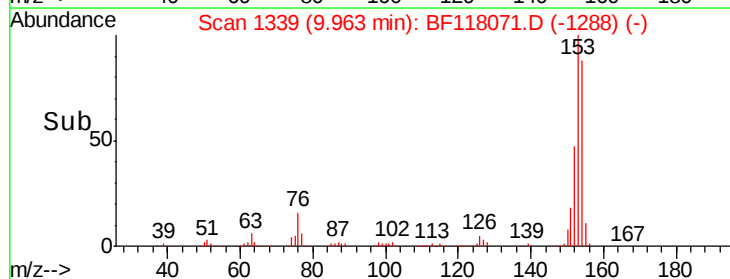
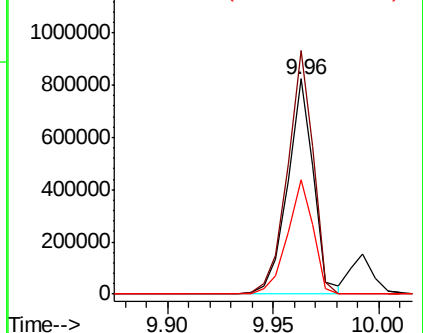
152 53.4 43.6 65.4

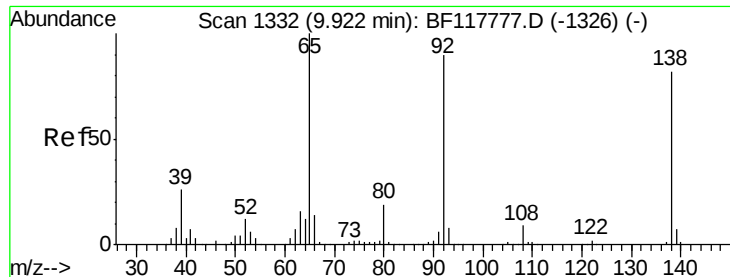


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

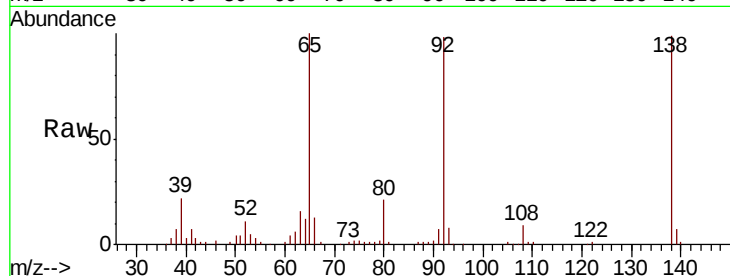




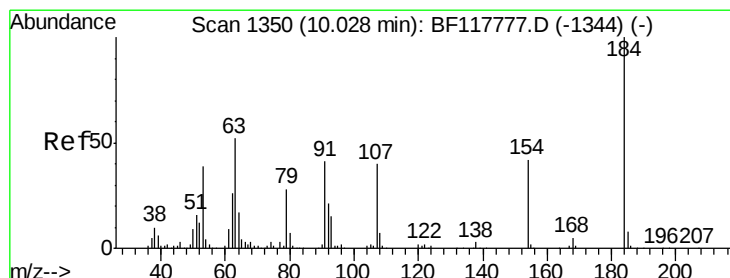
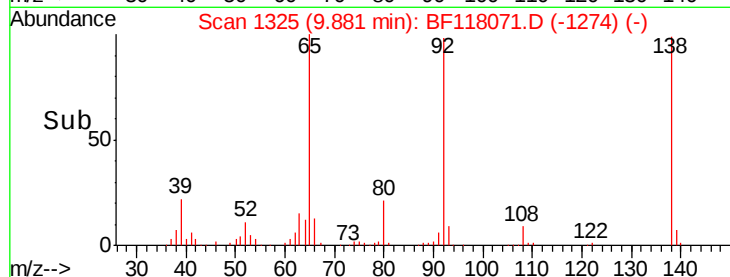
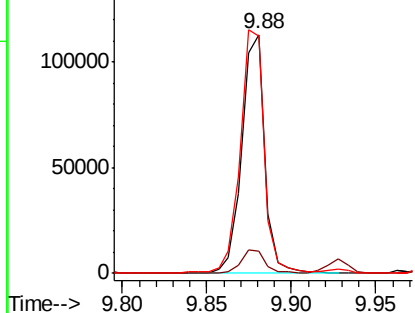
#53
3-Nitroaniline
Concen: 20.004 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 107209
Ion Ratio Lower Upper
138 100
108 9.4 8.7 13.1
92 99.1 87.4 131.0

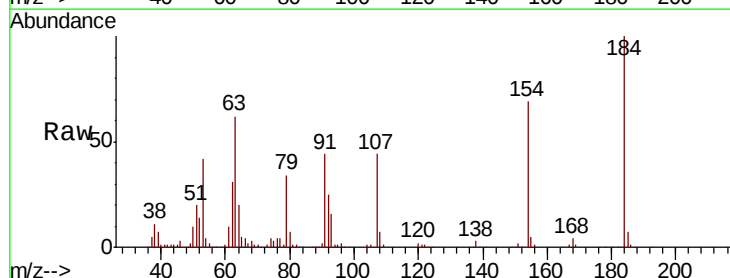


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

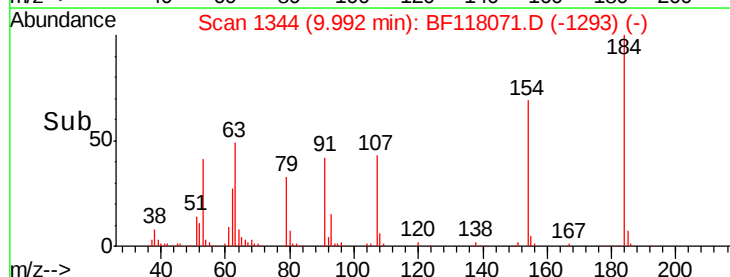
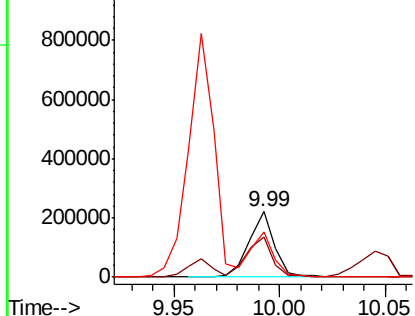


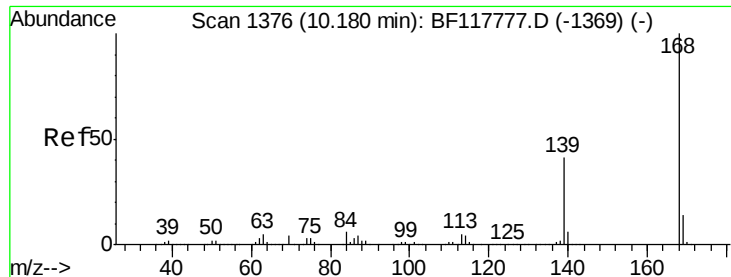
#54
2,4-Dinitrophenol
Concen: 81.778 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:184 Resp: 188606
Ion Ratio Lower Upper
184 100
63 61.8 45.3 67.9
154 68.7 51.6 77.4



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

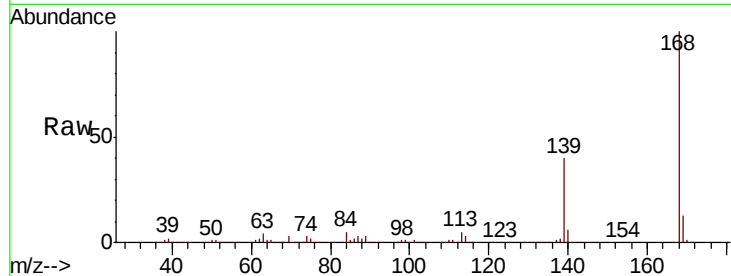




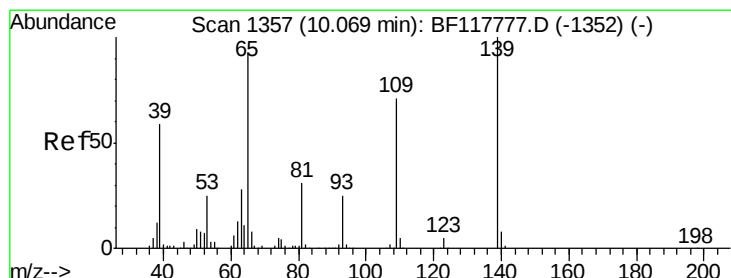
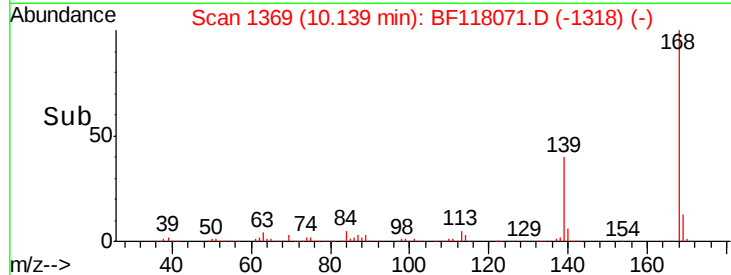
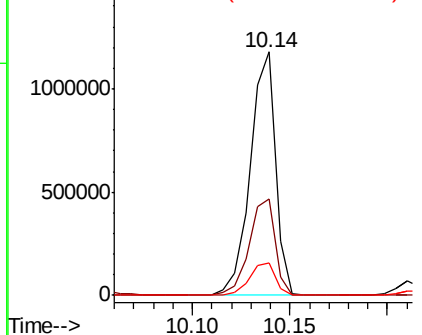
#55
Dibenzenofuran
Concen: 45.993 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1060967
Ion Ratio Lower Upper
168 100
139 39.9 32.5 48.7
169 13.2 10.8 16.2

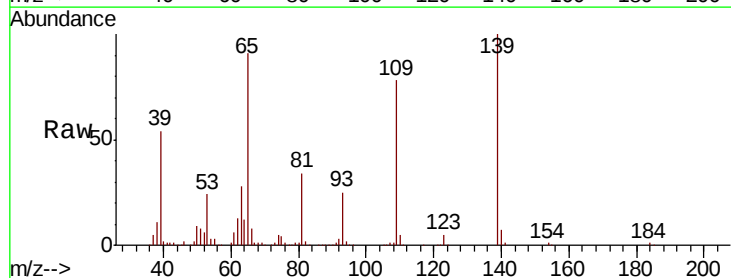


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

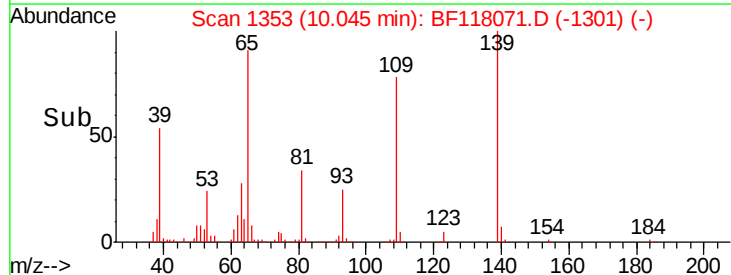
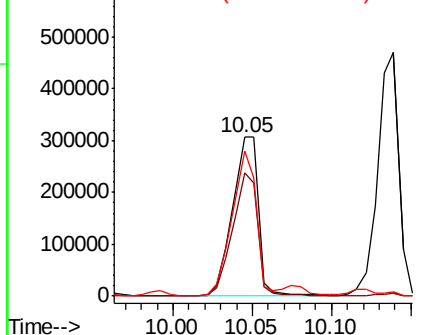


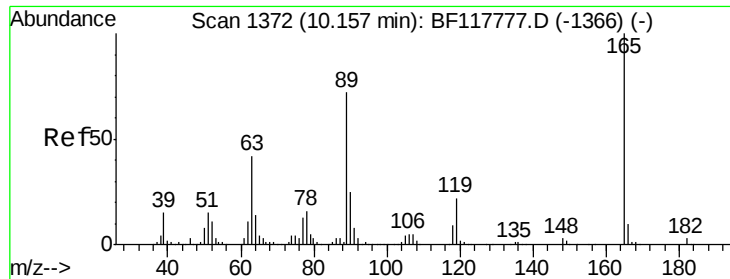
#56
4-Nitrophenol
Concen: 87.222 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:139 Resp: 348922
Ion Ratio Lower Upper
139 100
109 77.7 55.2 95.2
65 91.5 68.7 108.7



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

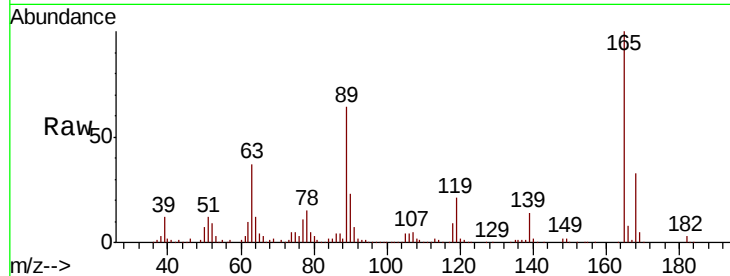




#57
2,4-Dinitrotoluene
Concen: 48.870 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	26.5	39.7
89	64.0	47.2	70.8
182	2.8	2.3	3.5



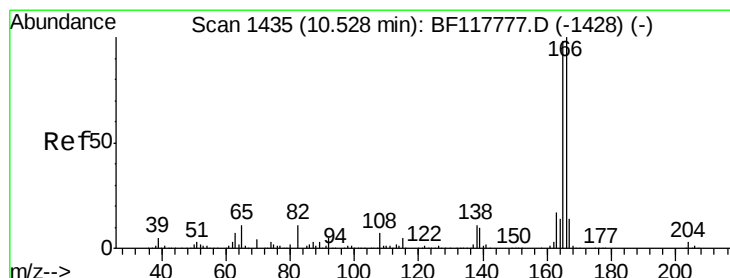
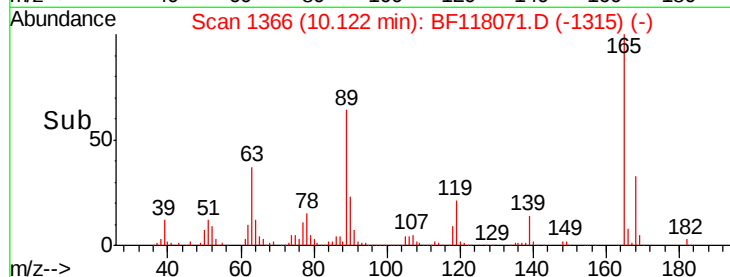
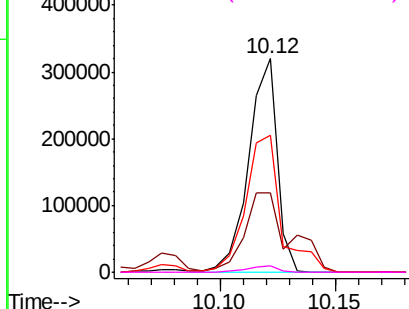
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

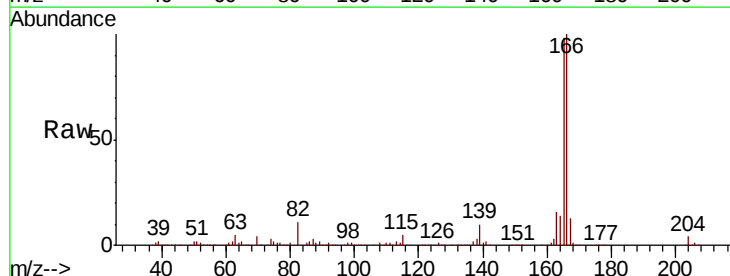
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.014 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.2
167	13.3	10.7	16.1

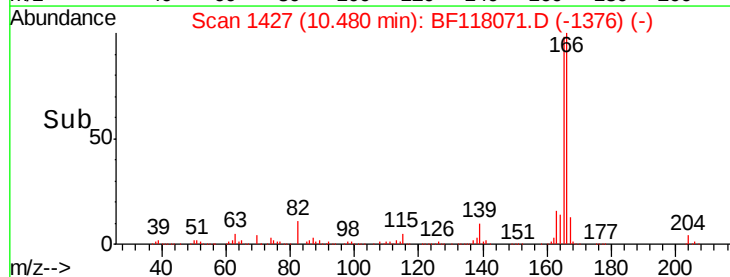
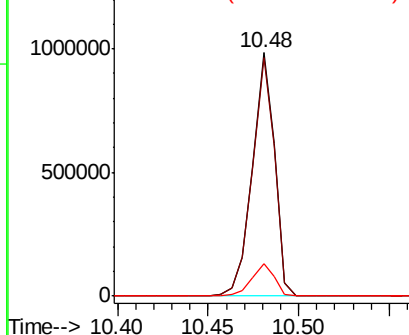


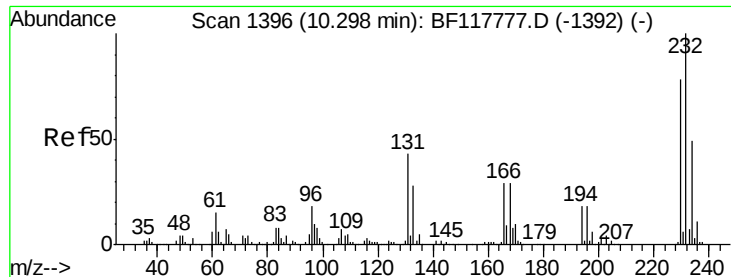
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

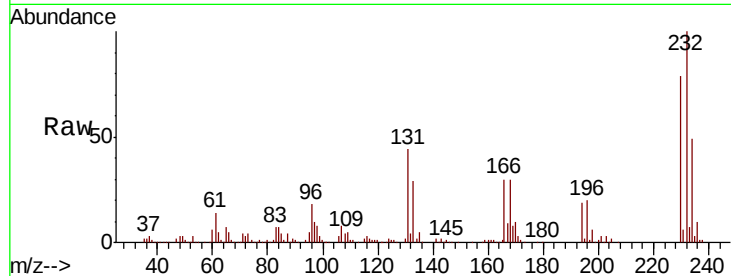




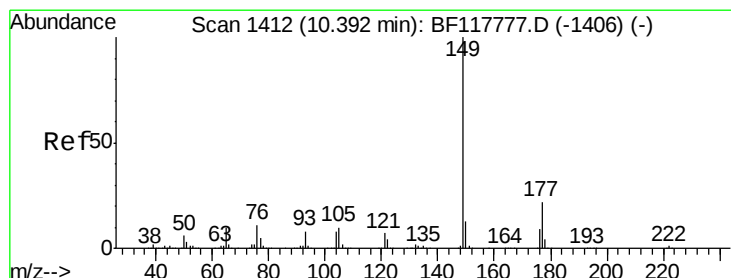
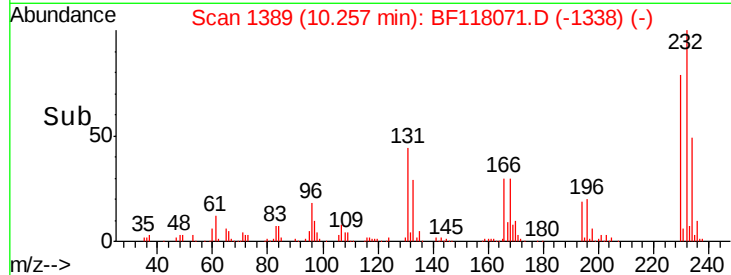
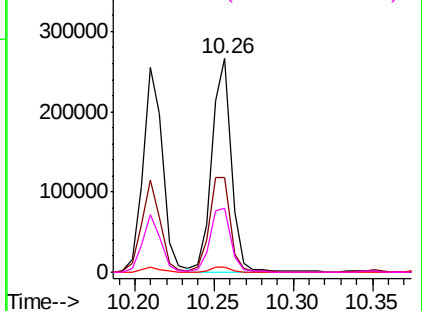
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.746 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	226865
Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.8	58.2
130	2.5	1.9	2.9
166	32.8	25.9	38.9

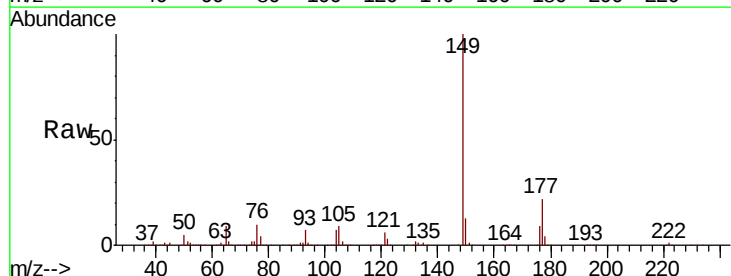


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

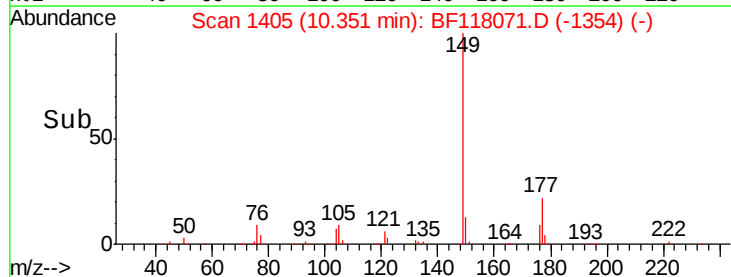
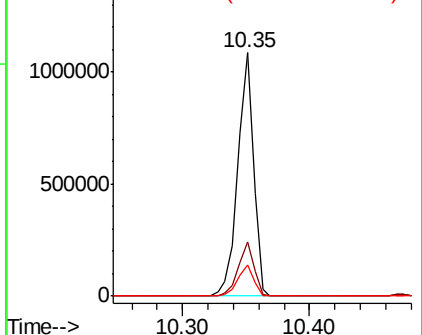


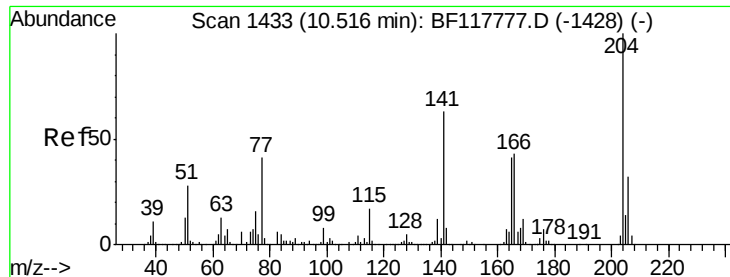
#60
 Diethylphthalate
 Concen: 46.148 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:	149	Resp:	922032
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	9.8	14.8



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

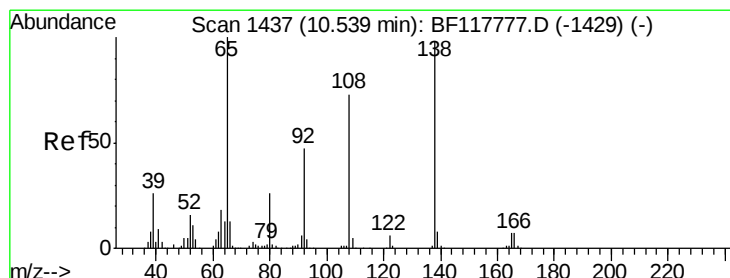
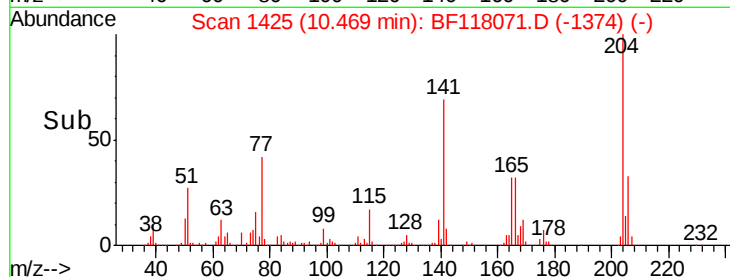
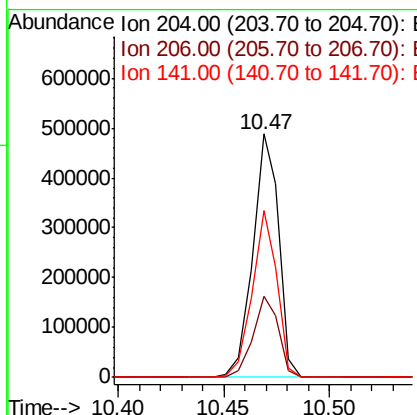
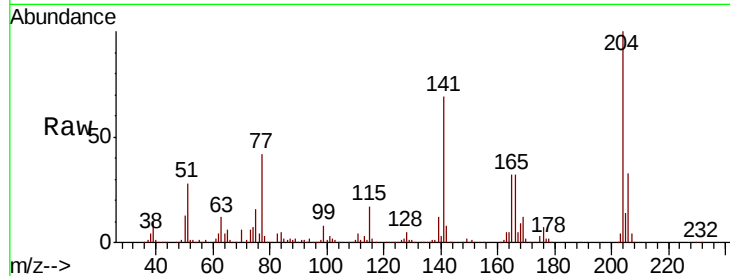




#61
 4-Chlorophenyl-phenylether
 Concen: 45.858 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

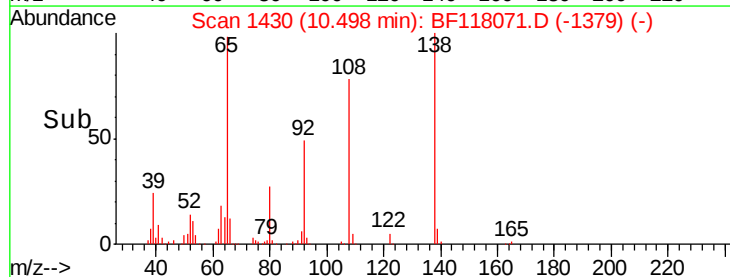
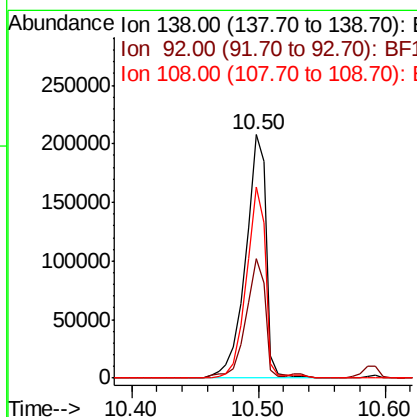
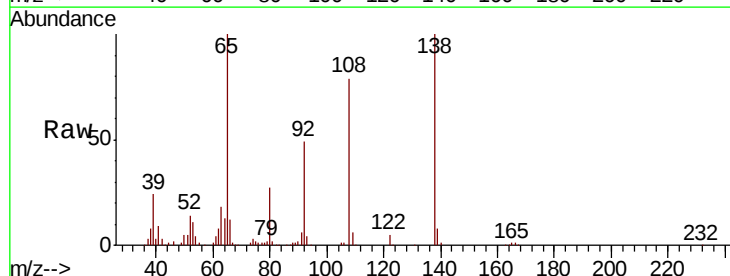
Instrument :
 BNA_F
 ClientSampleId :

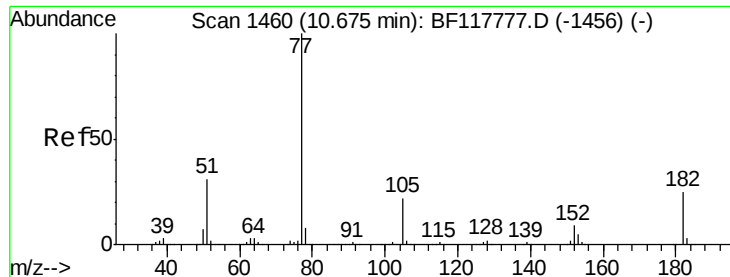
Tot Ion:204 Resp: 416021
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.0 39.0
 141 68.5 55.1 82.7



#62
 4-Nitroaniline
 Concen: 43.557 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:138 Resp: 233730
 Ion Ratio Lower Upper
 138 100
 92 49.0 27.5 67.5
 108 78.5 57.9 97.9





#63

Azobenzene

Concen: 43.993 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 799661

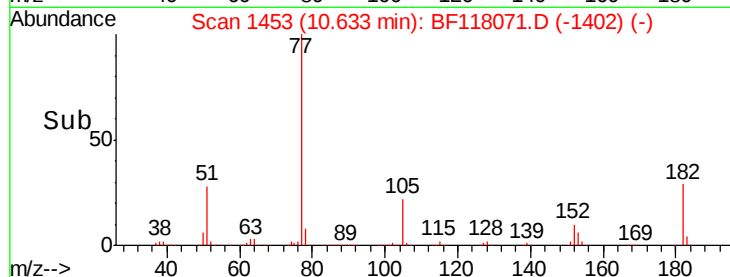
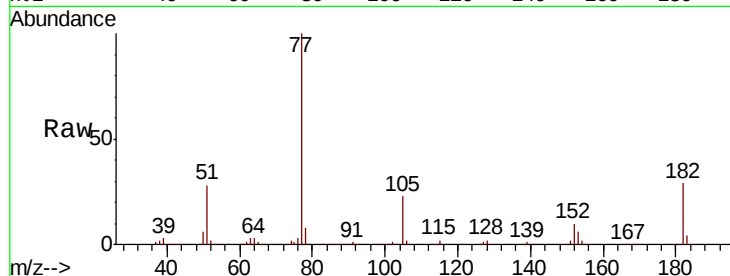
Ion Ratio Lower Upper

77 100

182 29.2 8.2 48.2

105 23.0 2.1 42.1

51 28.4 8.7 48.7

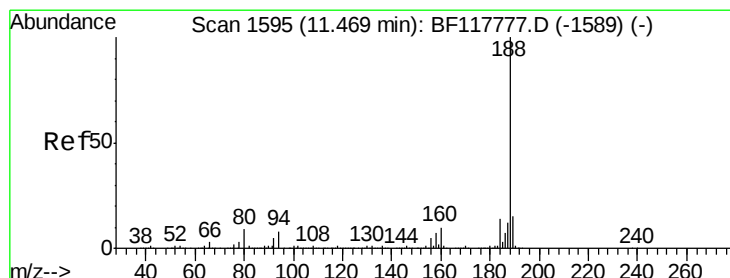
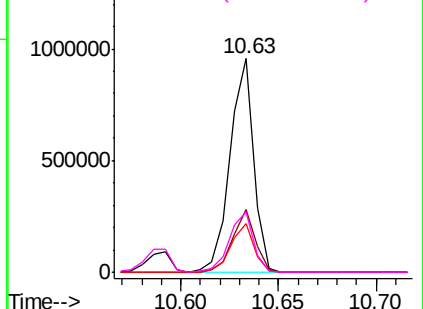


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

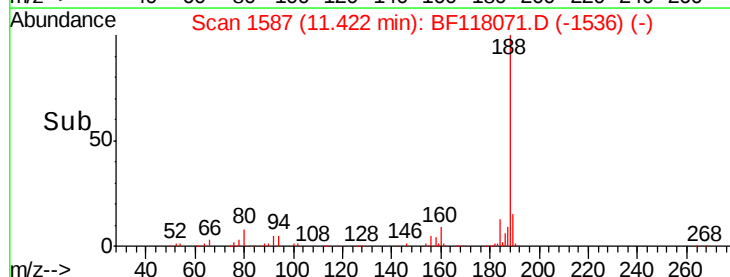
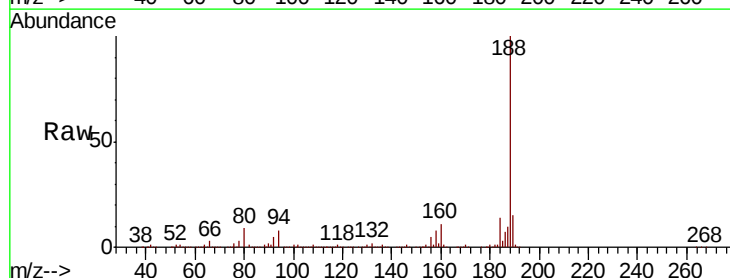
Tgt Ion: 188 Resp: 571615

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

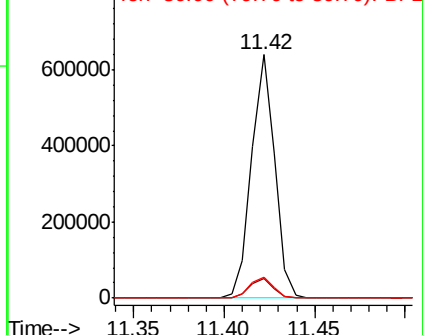
80 8.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 53.017 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

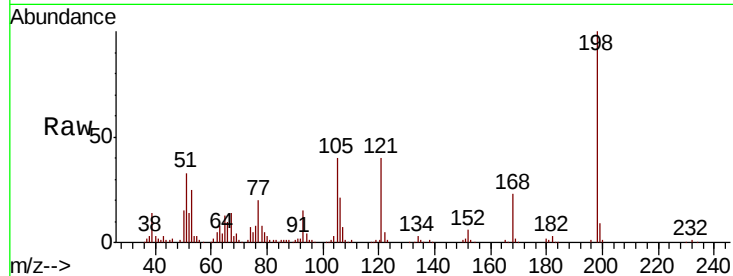
Tot Ion:198 Resp: 141477

Ion Ratio Lower Upper

198 100

51 32.9 12.6 52.6

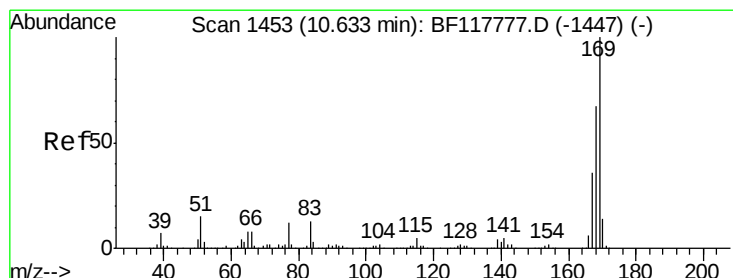
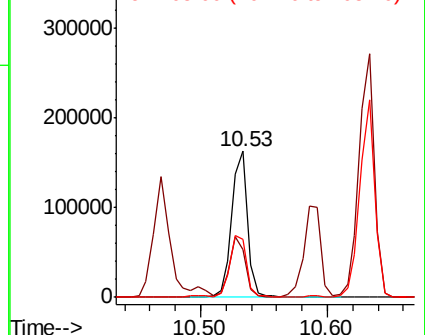
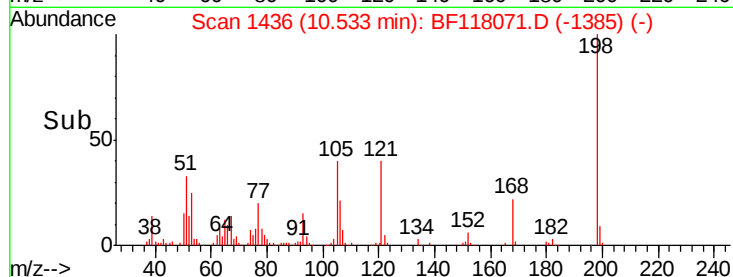
105 39.8 17.0 57.0



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: 45.684 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

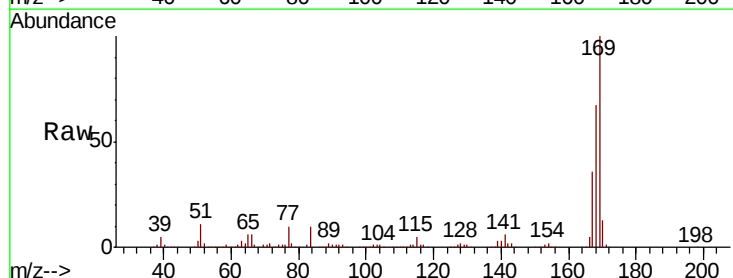
Tgt Ion:169 Resp: 759985

Ion Ratio Lower Upper

169 100

168 67.1 52.5 78.7

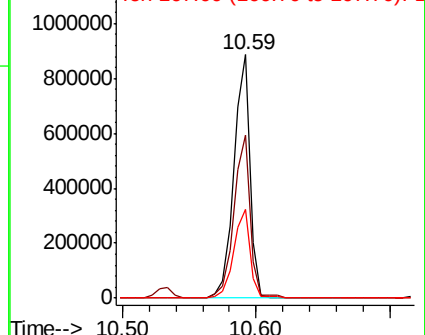
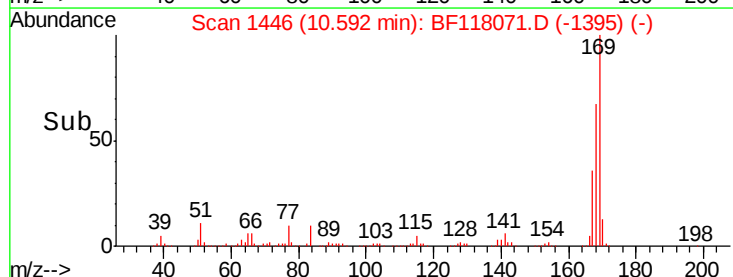
167 36.3 28.4 42.6



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

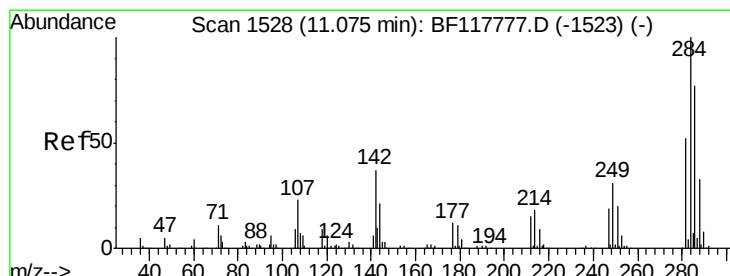
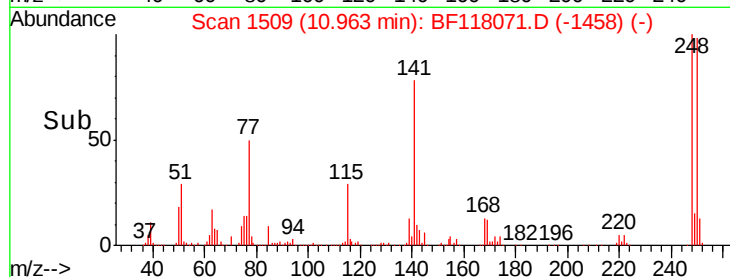
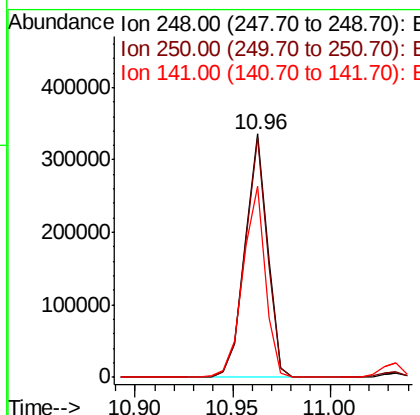
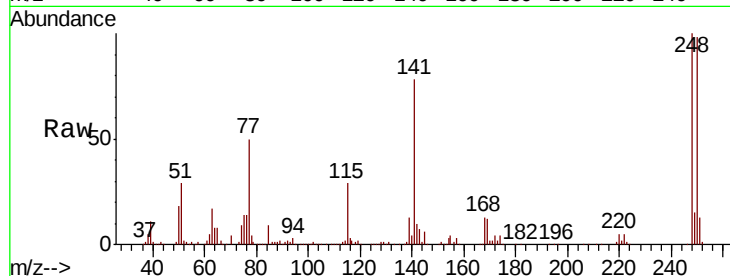




#67
4-Bromophenyl-phenylether
Concen: 43.793 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

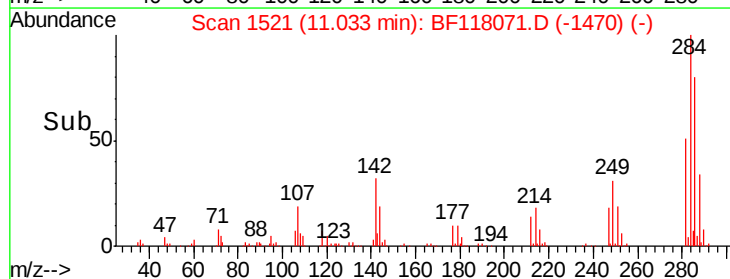
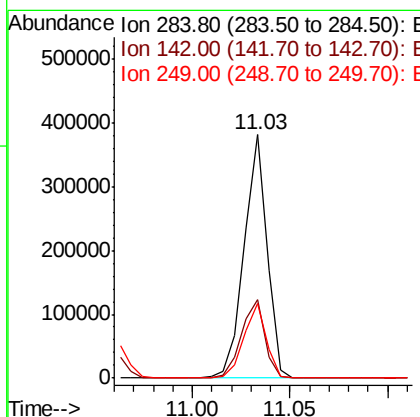
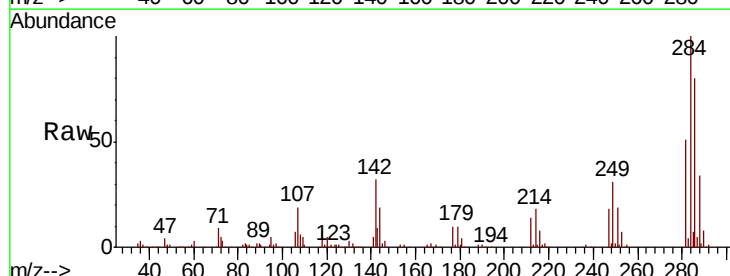
Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 270102
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 78.2 64.0 96.0



#68
Hexachlorobenzene
Concen: 43.163 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:284 Resp: 310418
Ion Ratio Lower Upper
284 100
142 32.2 27.3 40.9
249 30.8 24.8 37.2

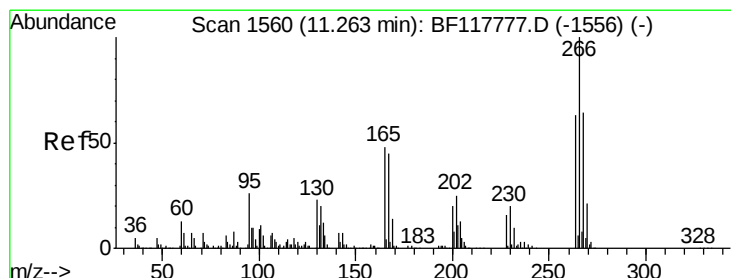
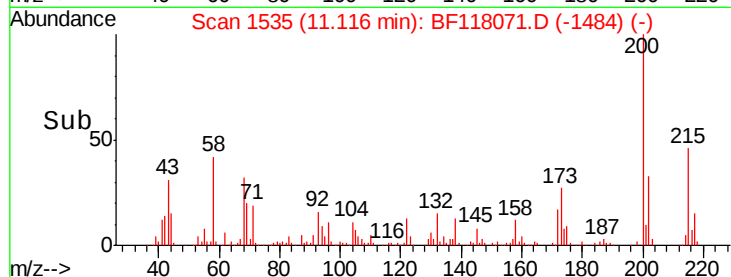
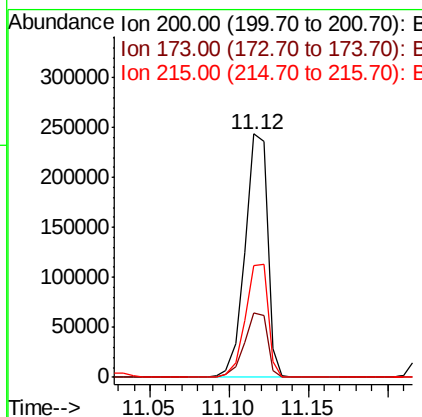
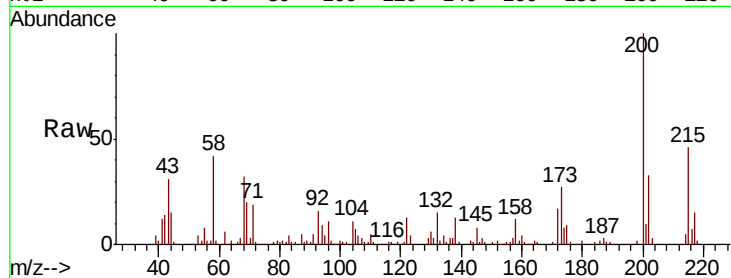




#69
Atrazine
Concen: 43.846 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

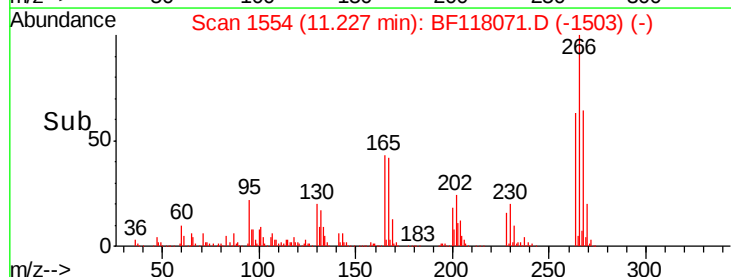
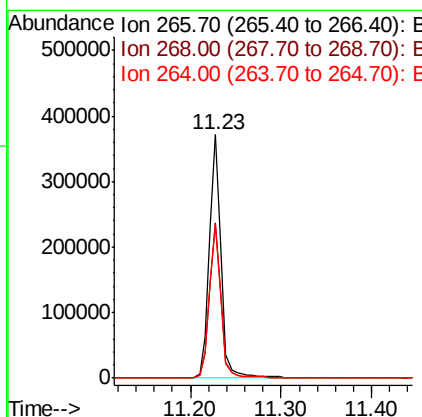
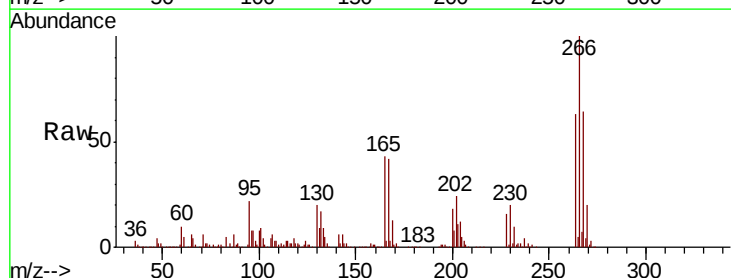
Instrument :
BNA_F
ClientSampleId :

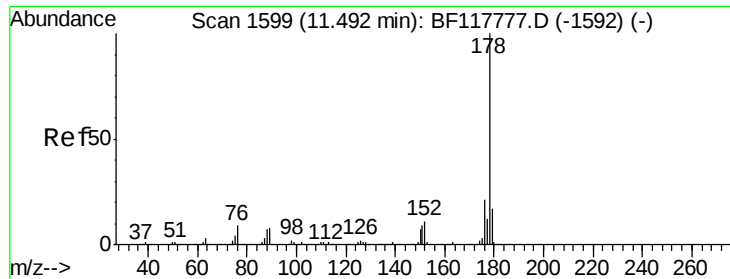
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.9	47.9
215	45.8	27.0	67.0



#70
Pentachlorophenol
Concen: 82.266 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.3	75.5
264	63.1	50.3	75.5





#71

Phenanthrene

Concen: 45.243 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

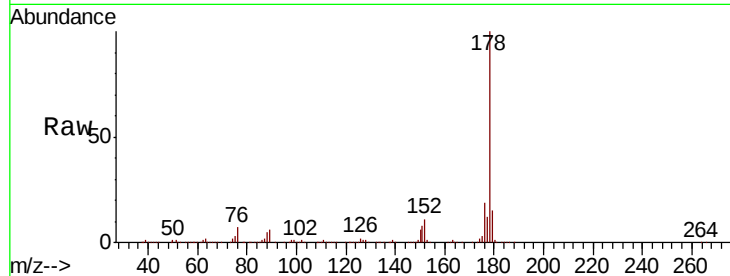
Tot Ion:178 Resp: 1300222

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

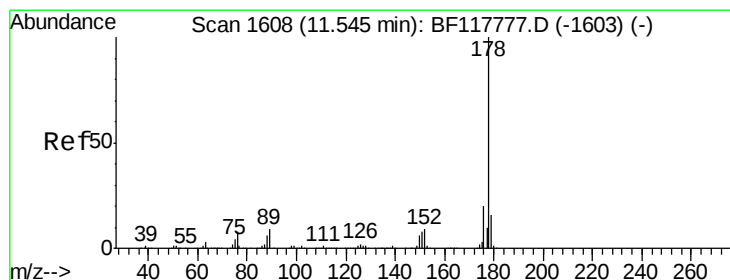
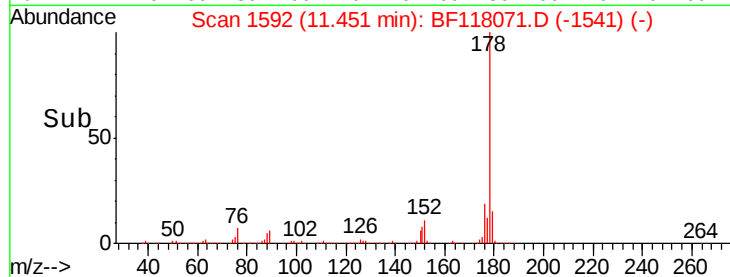
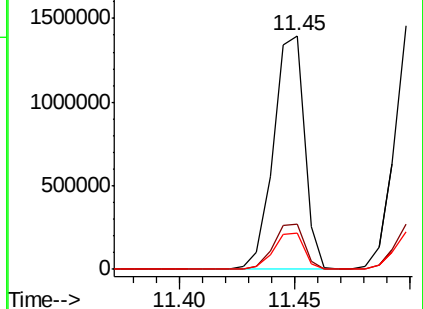
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.607 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

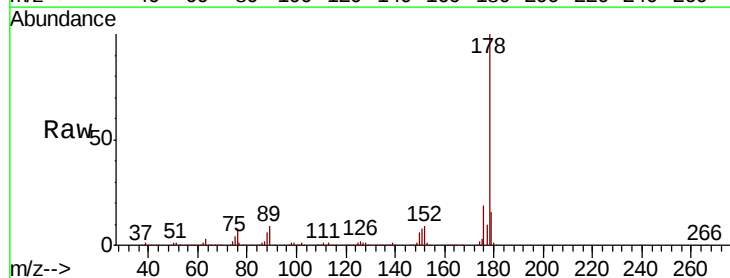
Tgt Ion:178 Resp: 1356512

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

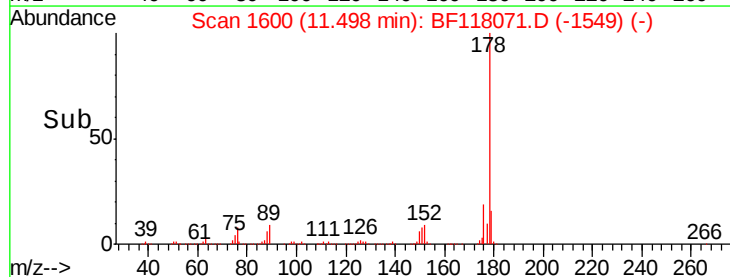
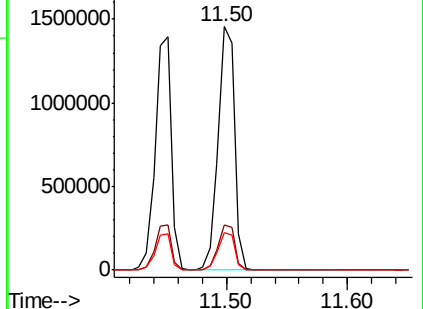
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



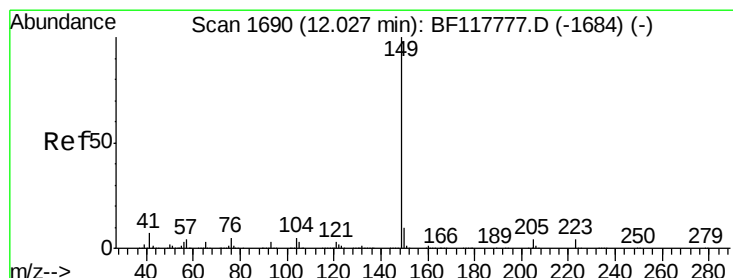
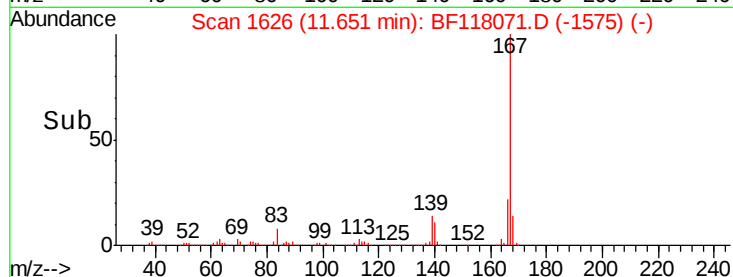
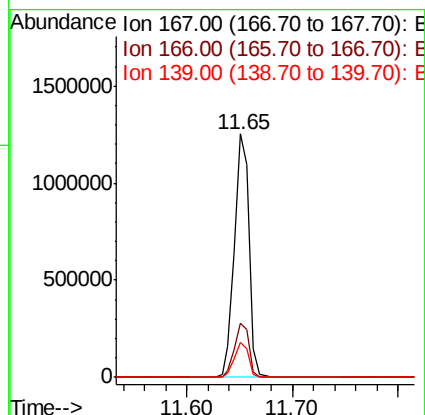
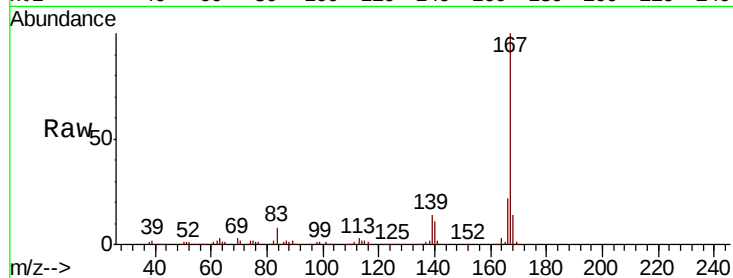


#73
 Carbazole
 Concen: 47.680 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1187212

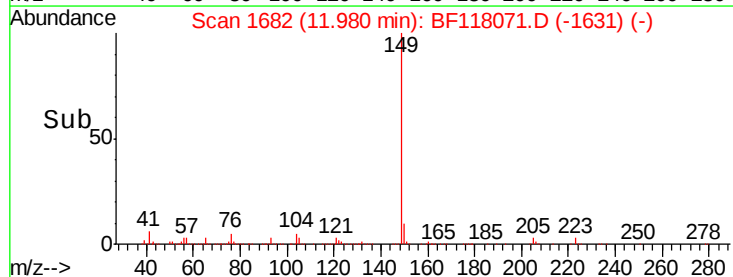
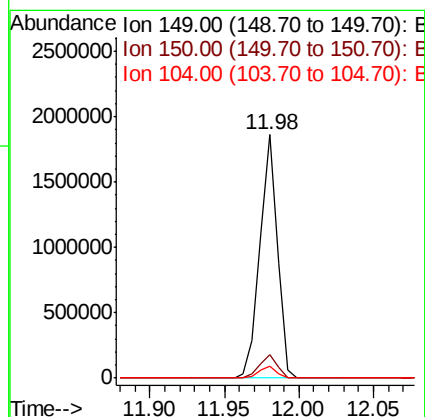
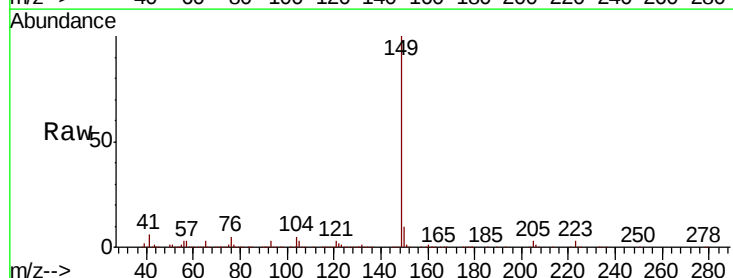
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.3	11.5	17.3

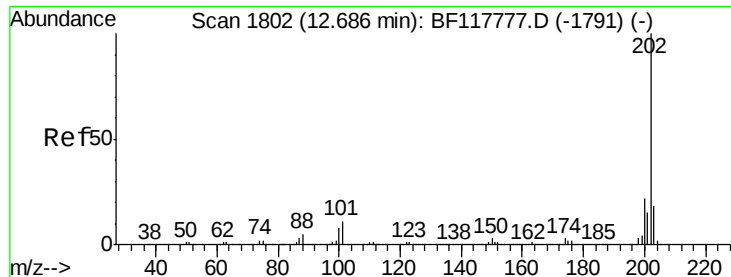


#74
 Di-n-butylphthalate
 Concen: 48.240 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:149 Resp: 1495553

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.1	4.2	6.4

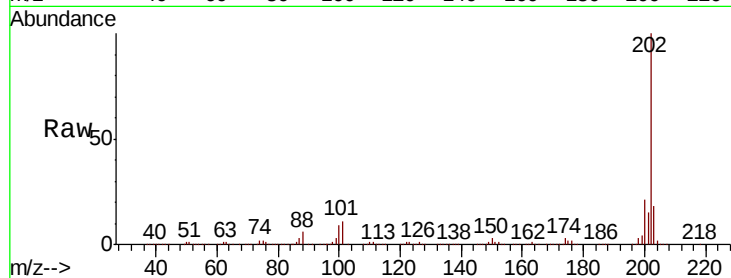




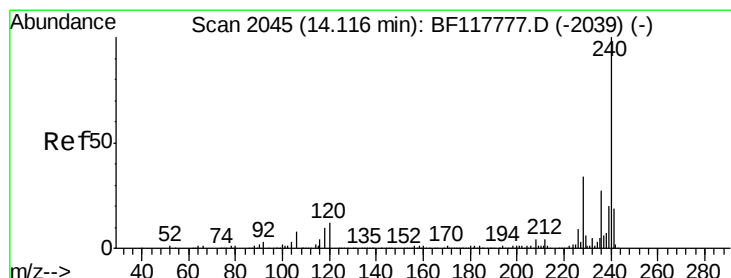
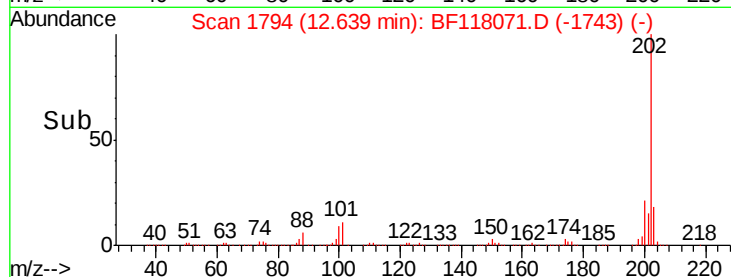
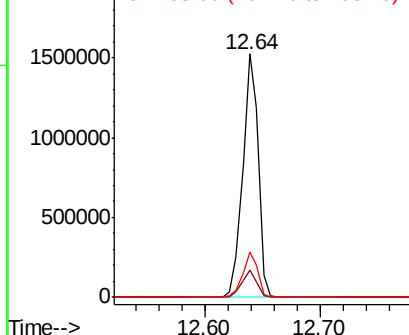
#75
Fluoranthene
Concen: 55.734 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1411624
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 18.4 0.0 37.6

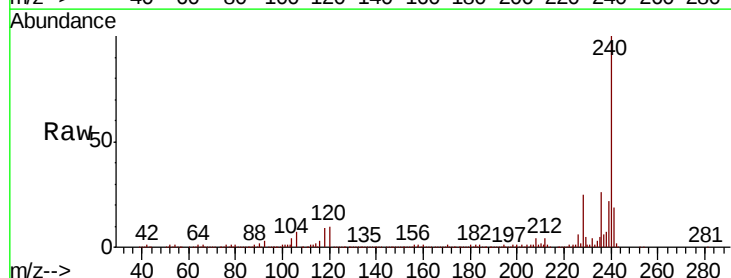


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

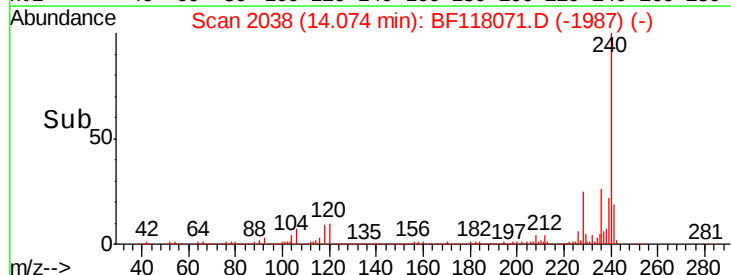
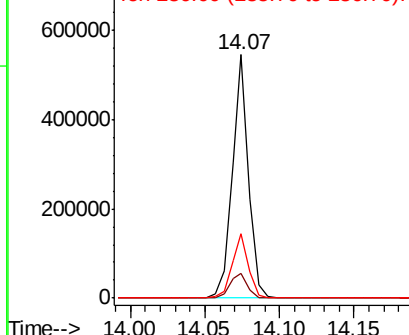


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:240 Resp: 415706
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.907 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

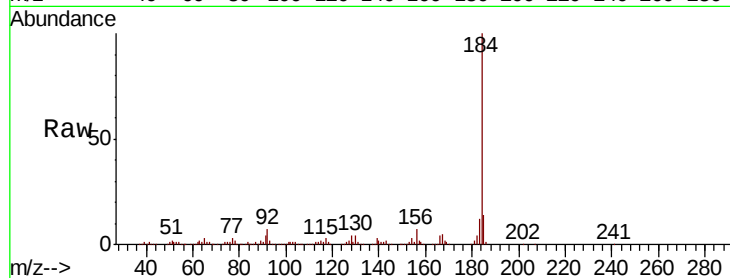
Tot Ion:184 Resp: 366384

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

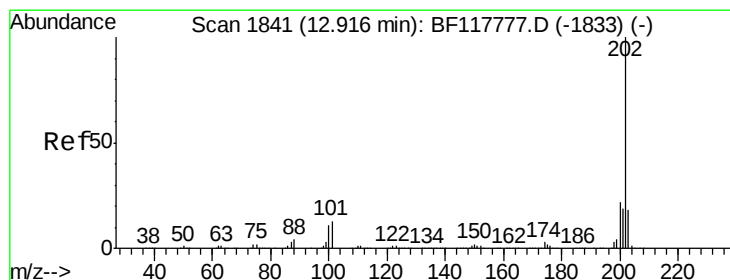
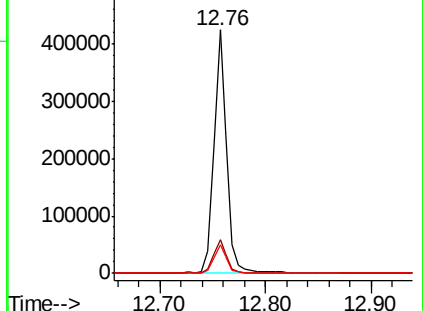
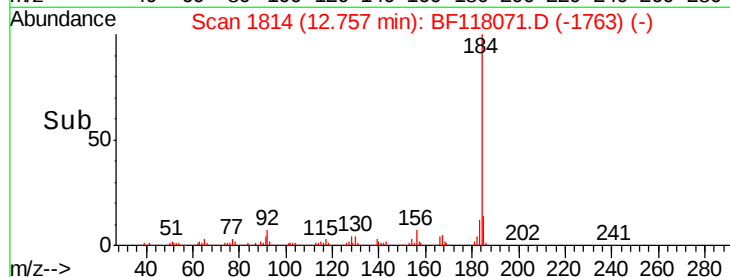
183 11.5 9.7 14.5



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: 41.987 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

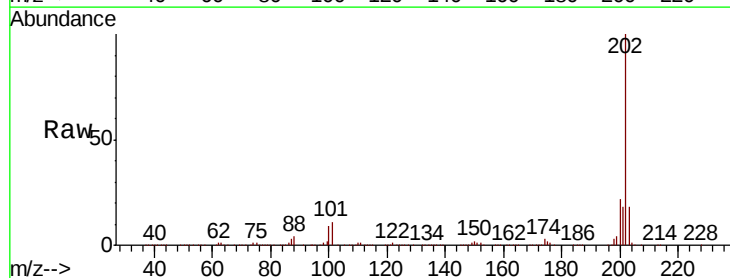
Tgt Ion:202 Resp: 1410577

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

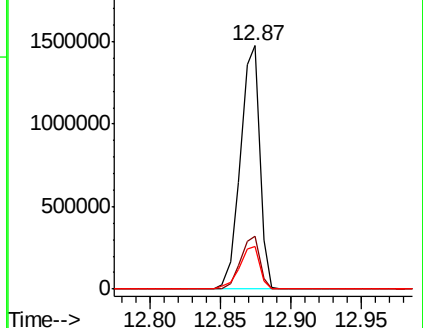
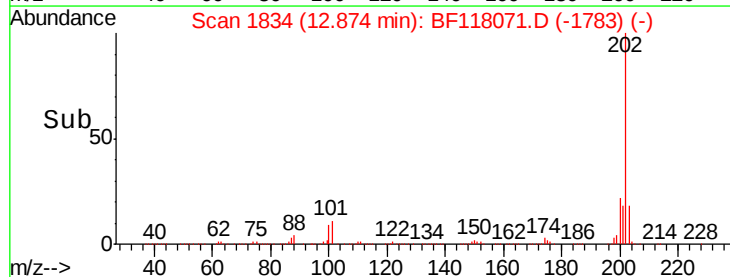
203 17.7 14.2 21.4

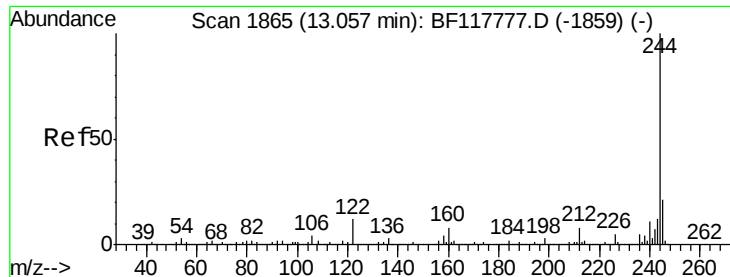


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.147 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

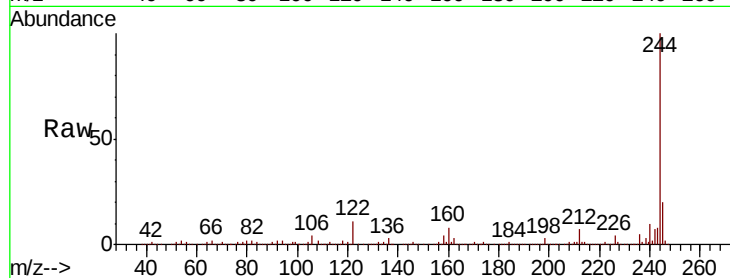
Tot Ion:244 Resp: 1641044

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

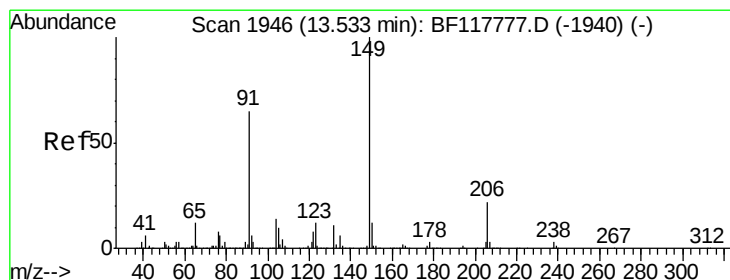
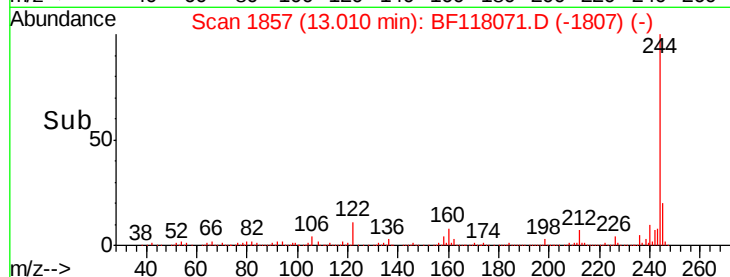
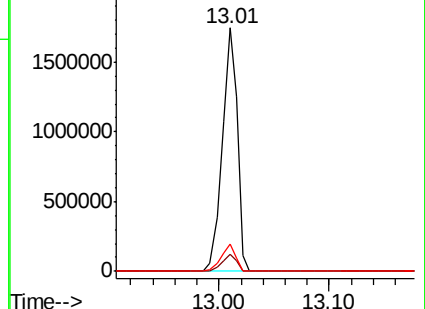
122 11.3 7.2 10.8#



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: 46.691 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

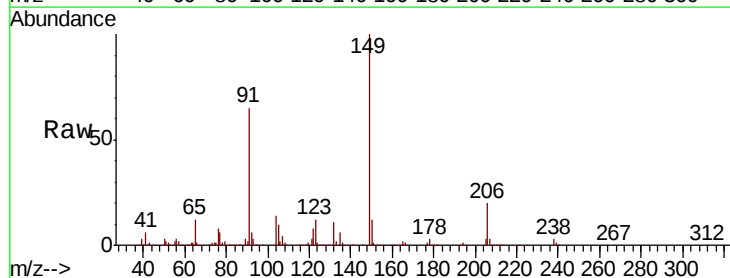
Tgt Ion:149 Resp: 673718

Ion Ratio Lower Upper

149 100

91 65.1 53.1 79.7

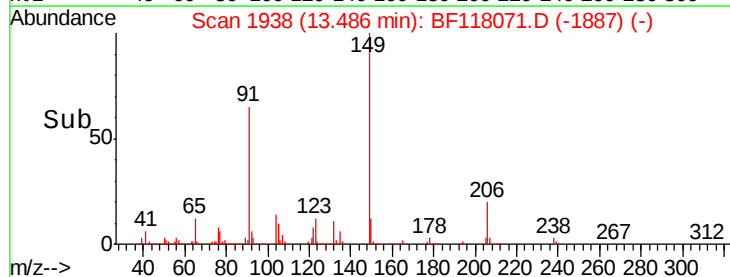
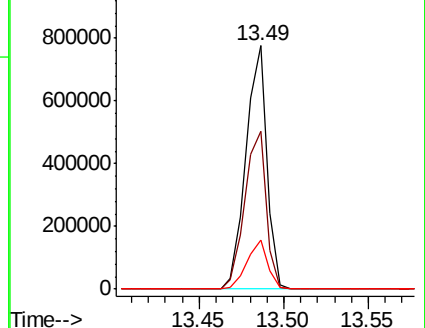
206 20.2 15.8 23.6

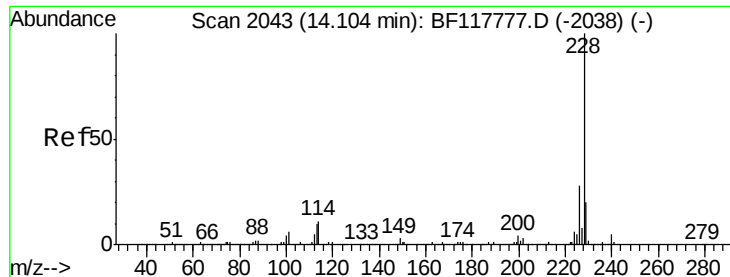


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.232 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

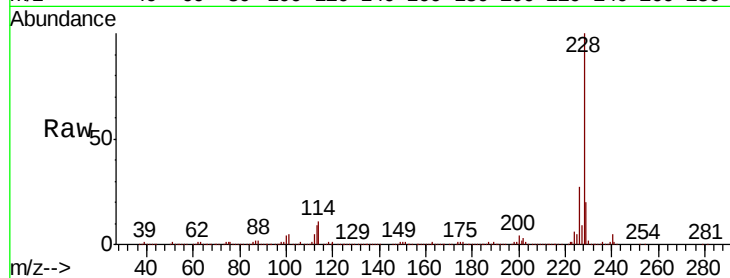
Tot Ion:228 Resp: 1215073

Ion Ratio Lower Upper

228 100

226 26.5 21.9 32.9

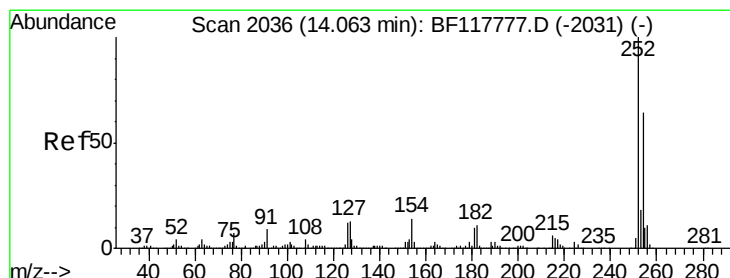
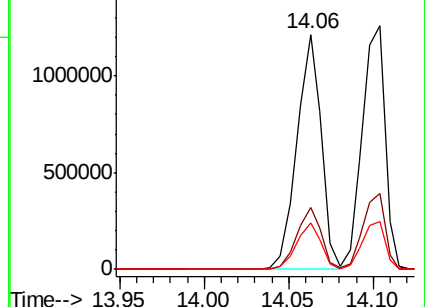
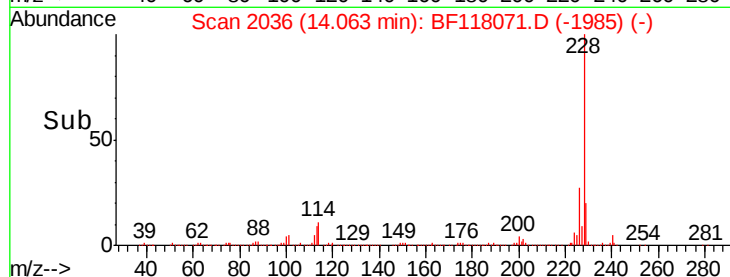
229 19.9 16.2 24.2



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: 24.501 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

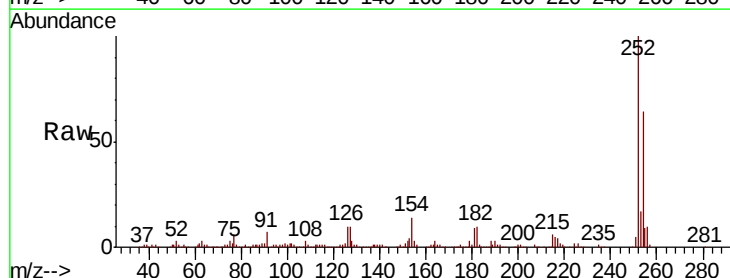
Tgt Ion:252 Resp: 235429

Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.2

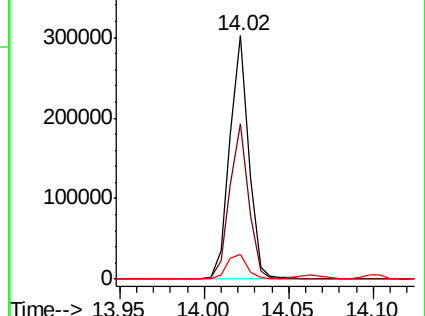
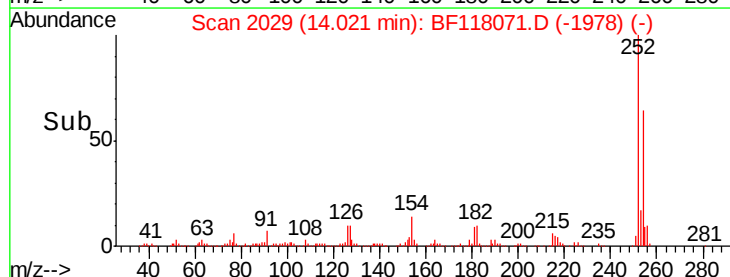
126 10.3 9.3 13.9

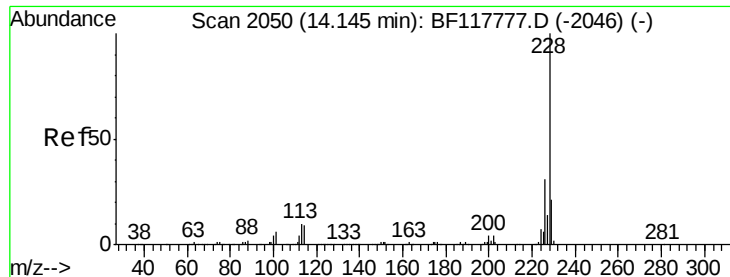


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.326 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

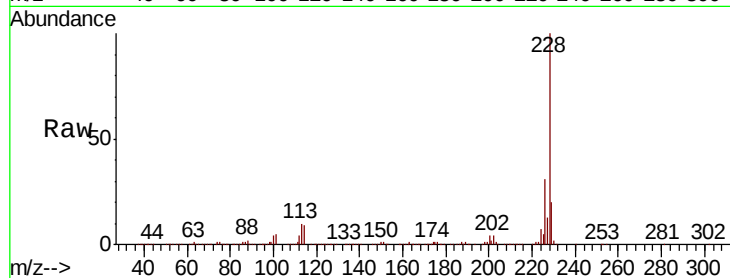
Tot Ion:228 Resp: 1179910

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

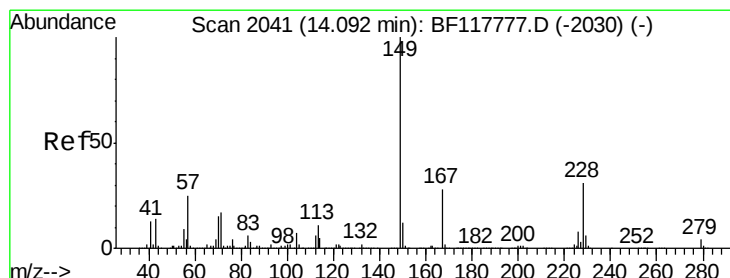
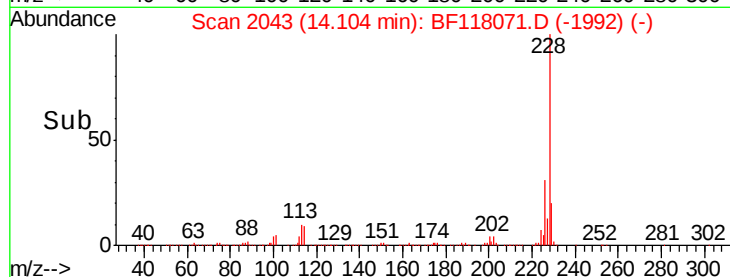
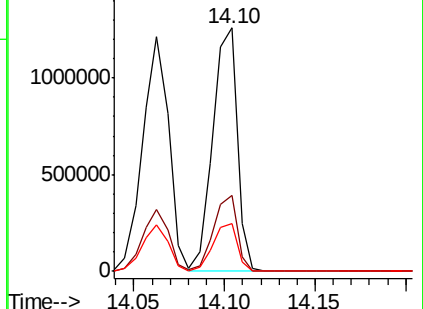
229 19.7 16.2 24.2



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: 54.242 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

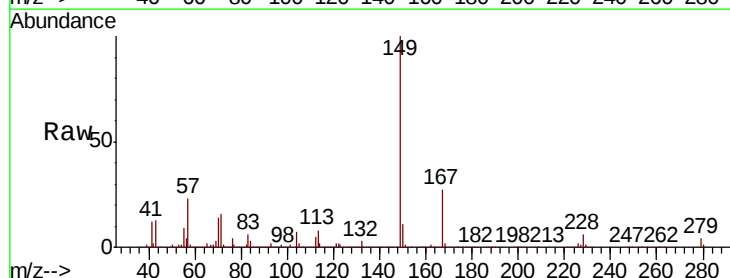
Tgt Ion:149 Resp: 948887

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

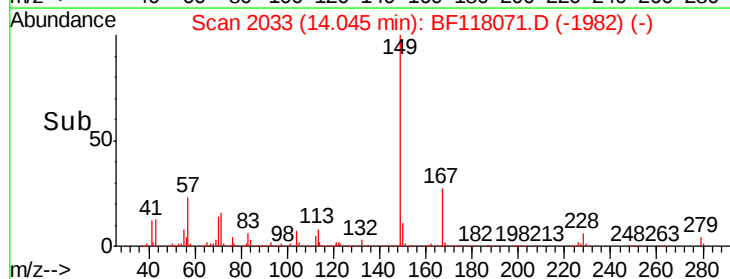
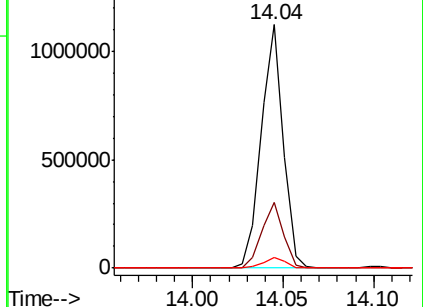
279 4.5 3.4 5.0

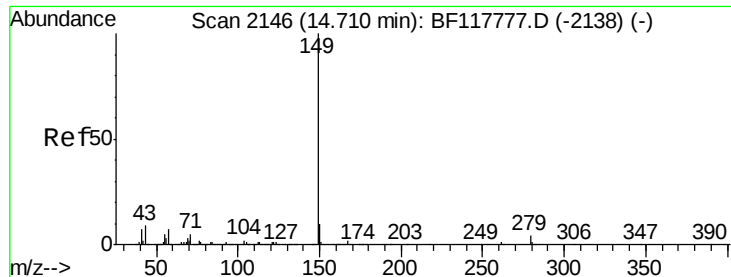


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.462 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

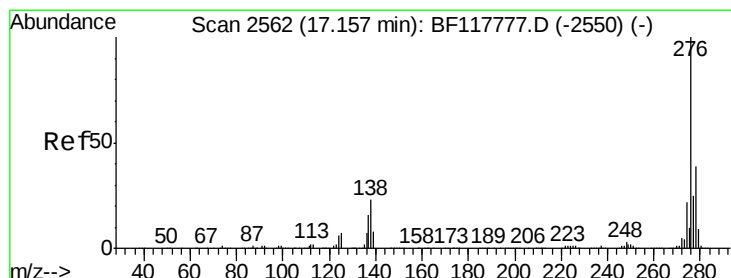
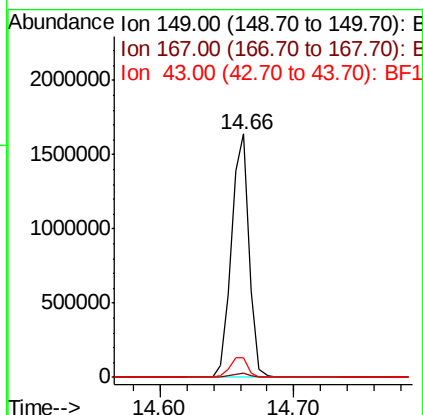
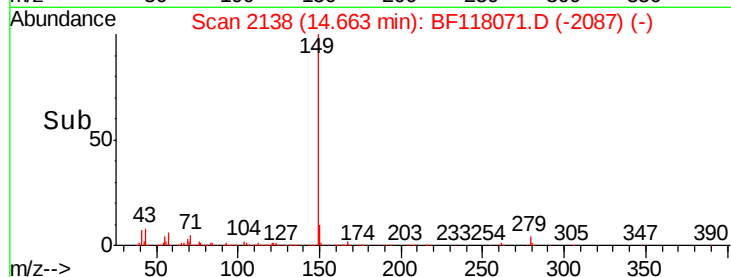
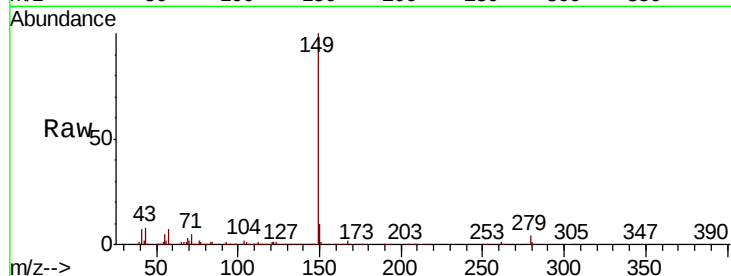
Tot Ion:149 Resp: 1528143

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 6.4 9.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.208 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

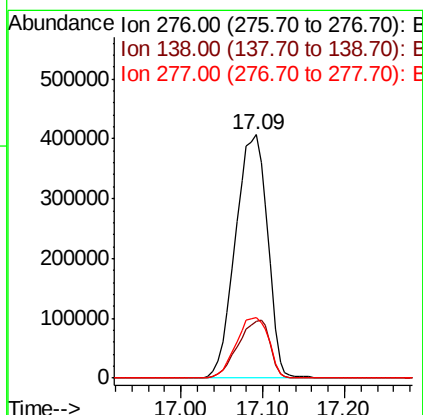
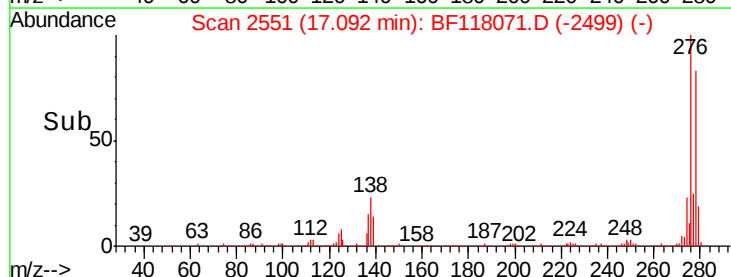
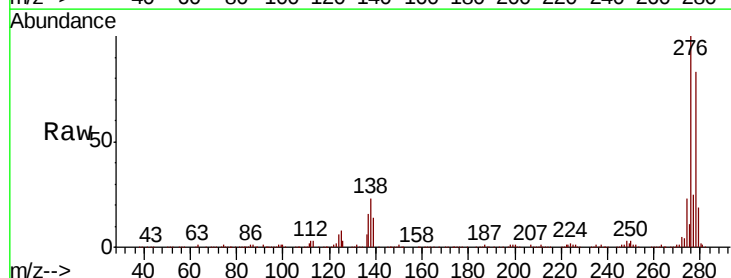
Tgt Ion:276 Resp: 1114812

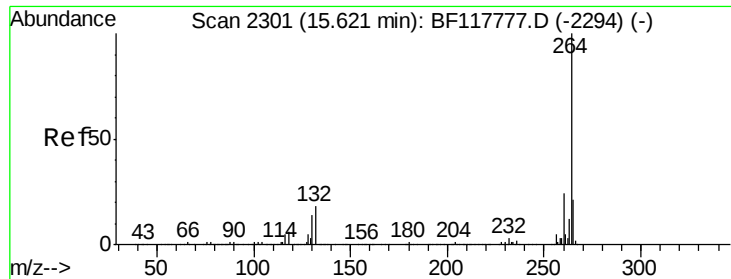
Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

277 25.6 20.7 31.1

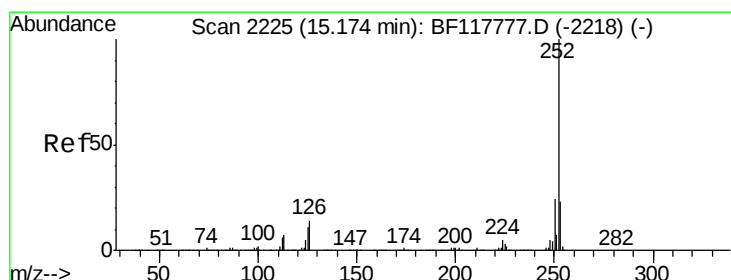
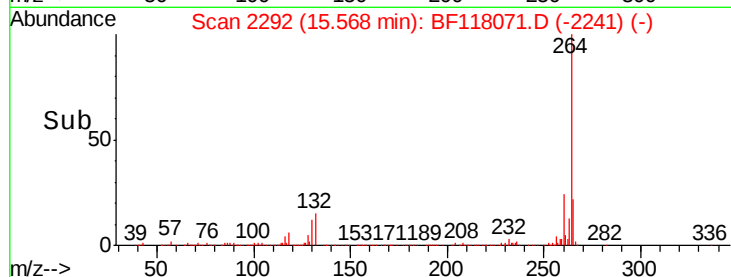
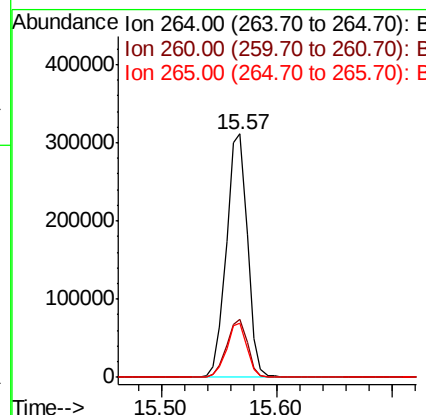
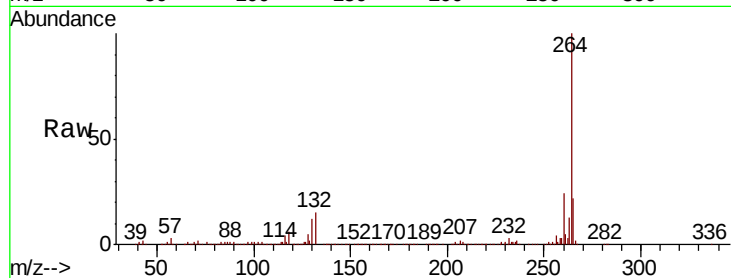




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

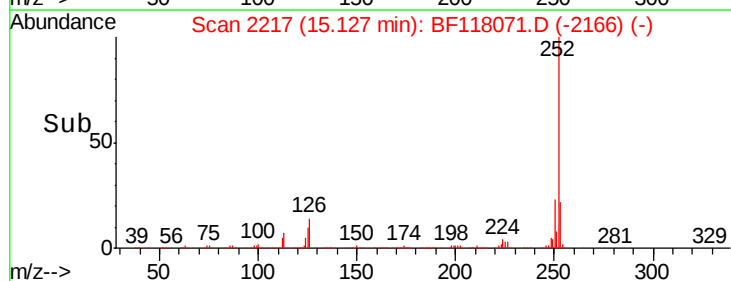
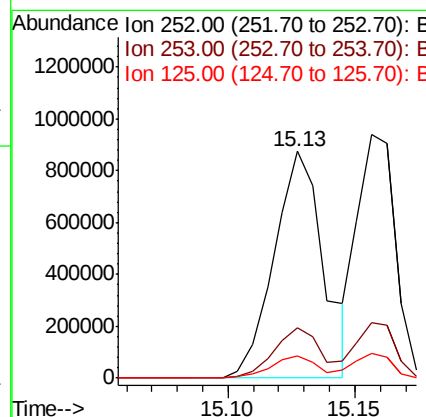
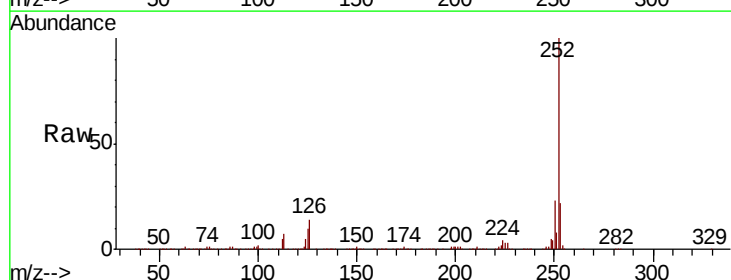
Instrument :
 BNA_F
 ClientSampleId :

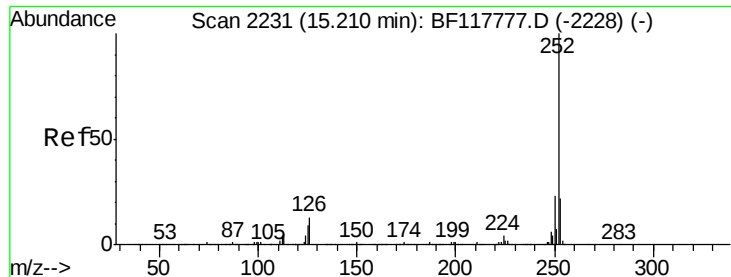
Tot Ion:264 Resp: 394060
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.0 16.4 24.6



#88
 Benzo(b)fluoranthene
 Concen: 46.223 ng
 RT: 15.13 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:252 Resp: 1183409
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.1 27.1
 125 10.0 7.7 11.5

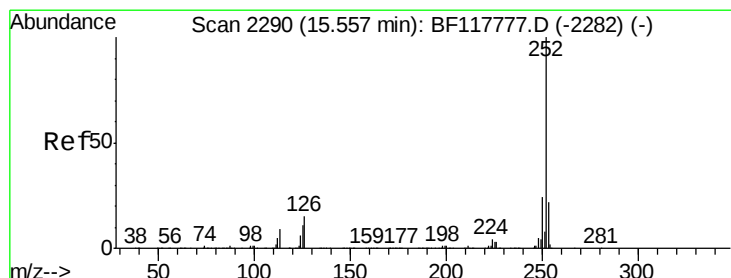
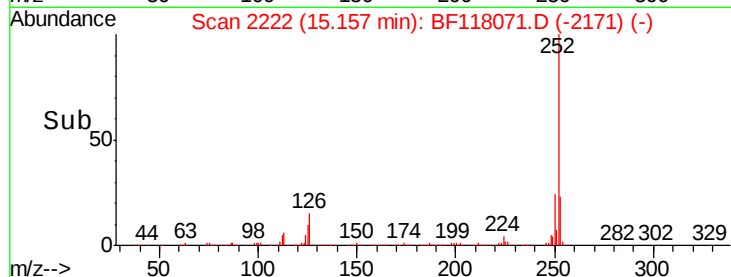
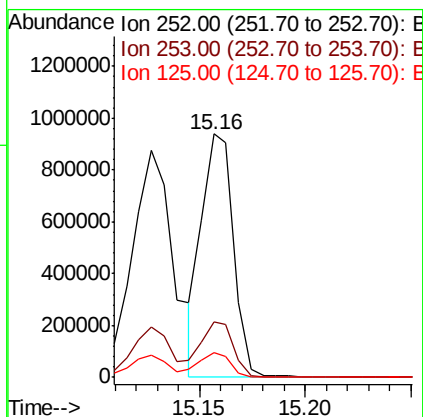
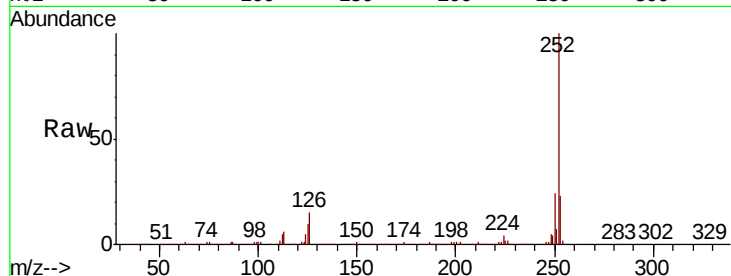




#89
Benzo(k)fluoranthene
Concen: 40.599 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

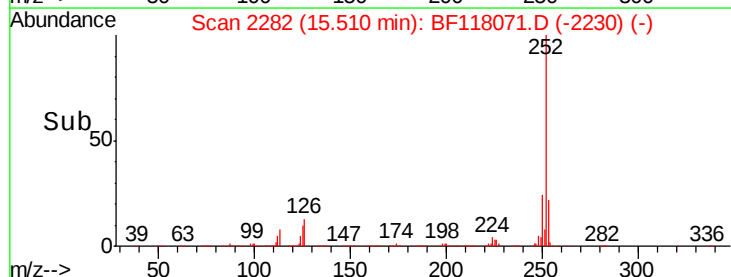
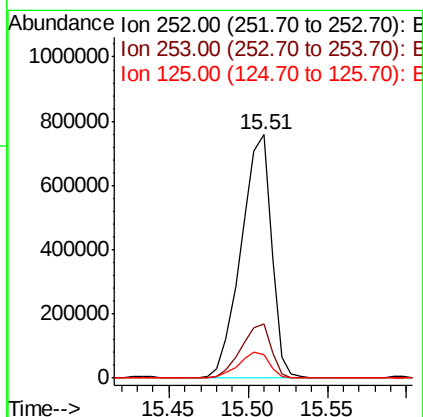
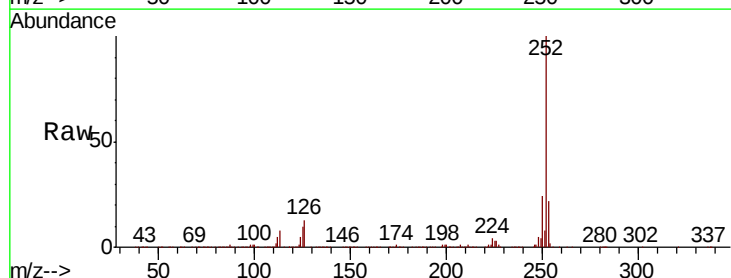
Instrument :
BNA_F
ClientSampleId :

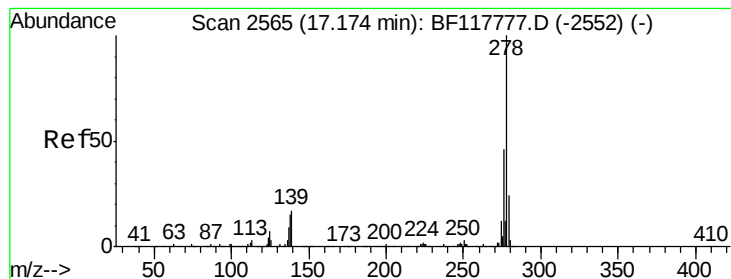
Tot Ion:252 Resp: 979369
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.2 8.5 12.7



#90
Benzo(a)pyrene
Concen: 44.852 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:252 Resp: 1009763
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 47.668 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

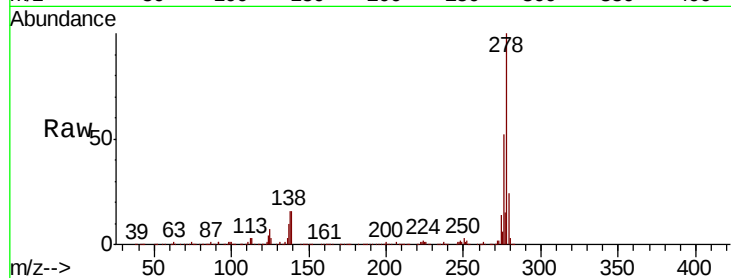
Tot Ion:278 Resp: 923692

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

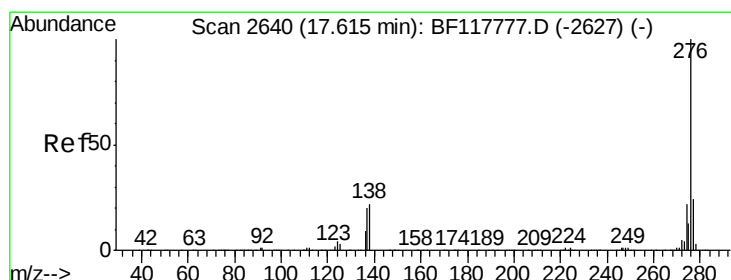
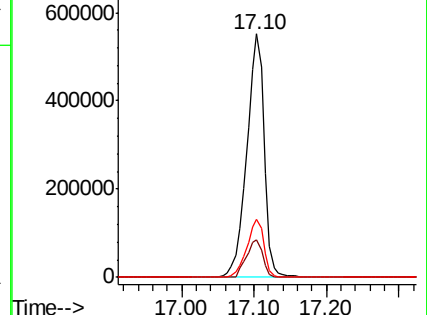
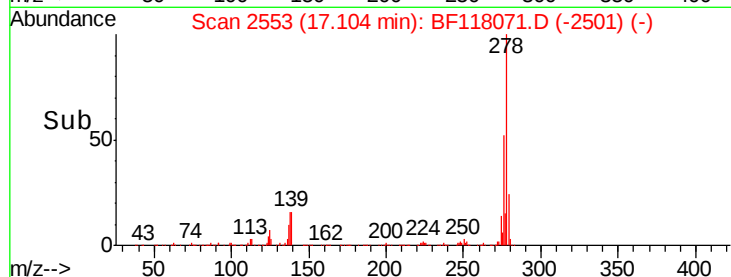
279 24.0 19.0 28.6



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: 47.535 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

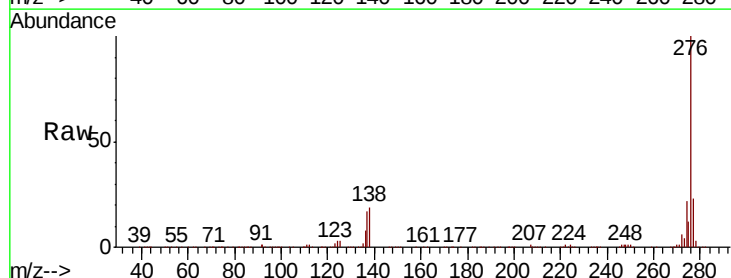
Tgt Ion:276 Resp: 917438

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 19.3 16.6 25.0



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

