

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118278.D
 Acq On : 19 Dec 2019 14:38
 Operator : JU
 Sample : PB125583BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:11:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116177	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	473693	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	252128	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	472492	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292171	20.00	ng	-0.01
87) Perylene-d12	15.54	264	208508	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	756337	114.02	ng	0.00
7) Phenol-d6	6.50	99	913978	113.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	610680	72.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	331159	108.12	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1277907	77.12	ng	-0.01
79) Terphenyl-d14	12.99	244	1442716	84.91	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	105209	37.617	ng	98
3) Pyridine	3.46	79	241687	33.494	ng	98
4) n-Nitrosodimethylamine	3.41	42	128441	41.376	ng	97
6) Aniline	6.52	93	332218	32.371	ng	98
8) 2-Chlorophenol	6.65	128	342076	45.736	ng	96
9) Benzaldehyde	6.41	77	183399	46.009	ng	96
10) Phenol	6.51	94	395264	43.200	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	294734	44.539	ng	92
12) 1,3-Dichlorobenzene	6.80	146	360943	41.311	ng	98
13) 1,4-Dichlorobenzene	6.87	146	371039	42.173	ng	98
14) 1,2-Dichlorobenzene	7.03	146	348552	42.186	ng	100
15) Benzyl Alcohol	7.00	79	275577	44.003	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327332	41.140	ng	94
17) 2-Methylphenol	7.12	107	269244	45.260	ng	98
18) Hexachloroethane	7.37	117	133127	41.065	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	215154	44.132	ng	100
20) 3+4-Methylphenols	7.27	107	339975	45.499	ng	93
22) Acetophenone	7.27	105	450404	39.577	ng	98
24) Nitrobenzene	7.45	77	332122	40.147	ng	99
25) Isophorone	7.69	82	597551	41.864	ng	100
26) 2-Nitrophenol	7.76	139	188720	42.681	ng	97
27) 2,4-Dimethylphenol	7.80	122	288499	48.915	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	370785	39.754	ng	99
29) 2,4-Dichlorophenol	8.01	162	287012	41.743	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	315012	39.204	ng	99
31) Naphthalene	8.17	128	983115	41.325	ng	100
32) Benzoic acid	7.94	122	196632	36.924	ng	97
33) 4-Chloroaniline	8.22	127	208664	20.314	ng	98
34) Hexachlorobutadiene	8.28	225	183673	38.120	ng	98
35) Caprolactam	8.59	113	52755	24.880	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	302636	41.826	ng	98
37) 2-Methylnaphthalene	8.86	142	685973	42.591	ng	100
38) 1-Methylnaphthalene	8.96	142	645306	42.672	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	299844	39.257	ng	99

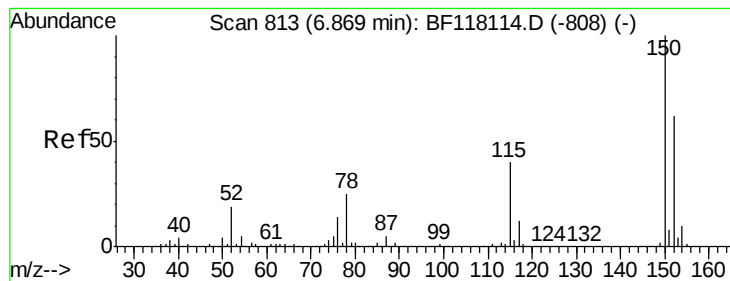
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	259742	75.901	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	204111	40.024	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	218874	41.426	ng	99
46) 1,1'-Biphenyl	9.33	154	821667	41.321	ng	100
47) 2-Chloronaphthalene	9.36	162	632836	39.563	ng	98
48) 2-Nitroaniline	9.45	65	171405	37.576	ng	98
49) Acenaphthylene	9.77	152	1000923	42.425	ng	100
50) Dimethylphthalate	9.63	163	752475	40.405	ng	98
51) 2,6-Dinitrotoluene	9.70	165	164565	40.638	ng	91
52) Acenaphthene	9.95	154	578962	40.205	ng	98
53) 3-Nitroaniline	9.87	138	109757	23.031	ng	97
54) 2,4-Dinitrophenol	9.98	184	156215	77.538	ng	96
55) Dibenzofuran	10.12	168	887366	42.055	ng	99
56) 4-Nitrophenol	10.04	139	240434	72.698	ng	97
57) 2,4-Dinitrotoluene	10.10	165	220179	40.736	ng	97
58) Fluorene	10.46	166	691257	41.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	180988	41.521	ng	99
60) Diethylphthalate	10.33	149	749245	40.834	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	346962	41.124	ng	100
62) 4-Nitroaniline	10.49	138	163058	32.806	ng	99
63) Azobenzene	10.61	77	649677	41.477	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	113177	43.374	ng	98
66) n-Nitrosodiphenylamine	10.57	169	613604	41.586	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	216827	40.201	ng	99
68) Hexachlorobenzene	11.02	284	250676	39.487	ng	# 92
69) Atrazine	11.10	200	209605	60.695	ng	96
70) Pentachlorophenol	11.21	266	237823	79.660	ng	99
71) Phenanthrene	11.43	178	1008028	40.133	ng	100
72) Anthracene	11.48	178	1044784	41.698	ng	99
73) Carbazole	11.64	167	874897	38.917	ng	99
74) Di-n-butylphthalate	11.96	149	1168764	41.541	ng	98
75) Fluoranthene	12.62	202	1012084	39.412	ng	97
77) Benzidine	12.75	184	264053	34.331	ng	98
78) Pyrene	12.85	202	1005299	43.662	ng	99
80) Butylbenzylphthalate	13.46	149	442553	42.442	ng	98
81) Benzo(a)anthracene	14.04	228	801060	39.651	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	224538	33.841	ng	97
83) Chrysene	14.09	228	787266	40.795	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	592808	43.115	ng	99
85) Di-n-octyl phthalate	14.64	149	872659	41.898	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	616568	37.972	ng	100
88) Benzo(b)fluoranthene	15.11	252	627765	45.523	ng	98
89) Benzo(k)fluoranthene	15.14	252	649574	49.033	ng	99
90) Benzo(a)pyrene	15.49	252	546201	44.847	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	522223	49.992	ng	99
92) Benzo(g,h,i)perylene	17.51	276	522097	52.011	ng	98

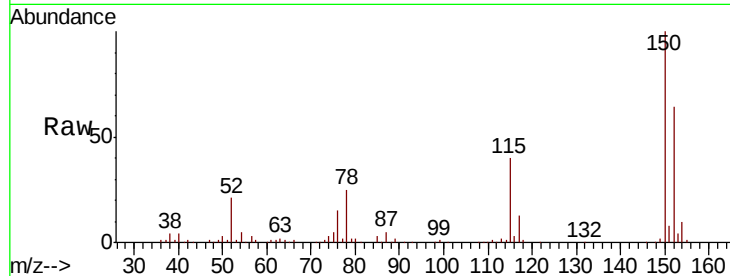
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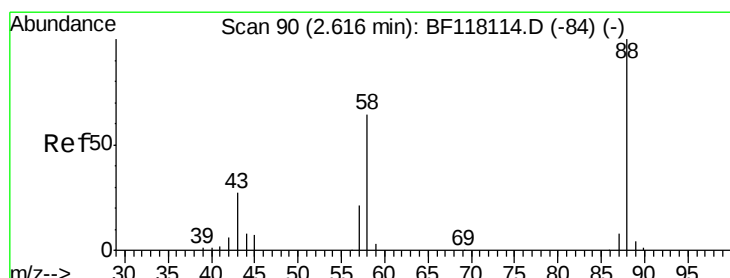
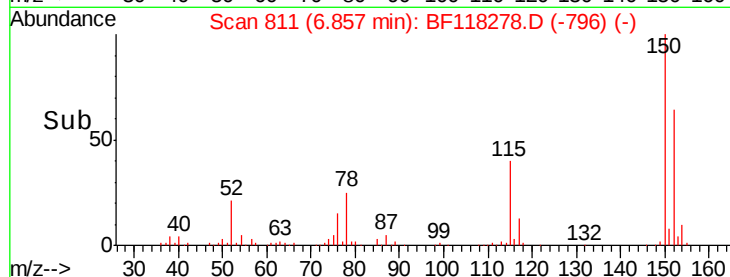
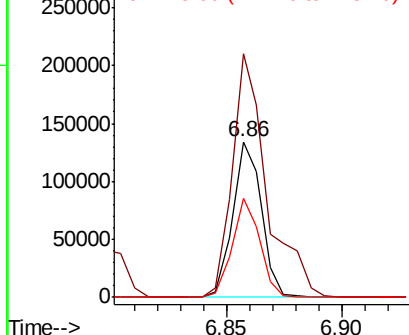
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116177
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.3 192.5
 115 63.3 51.1 76.7

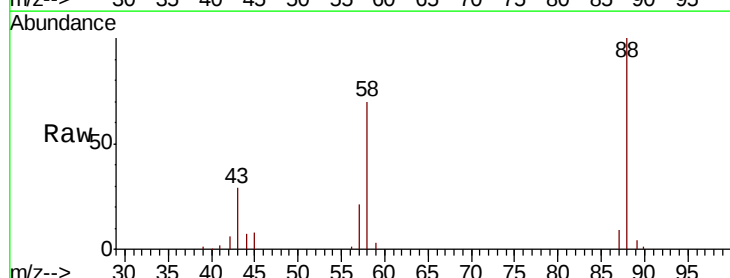


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

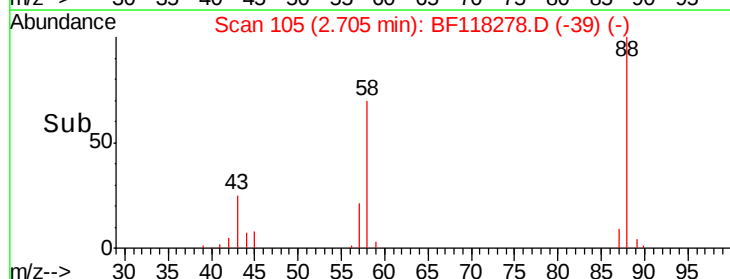
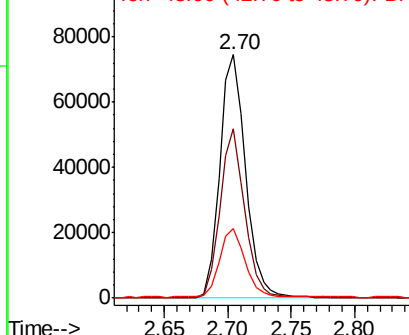


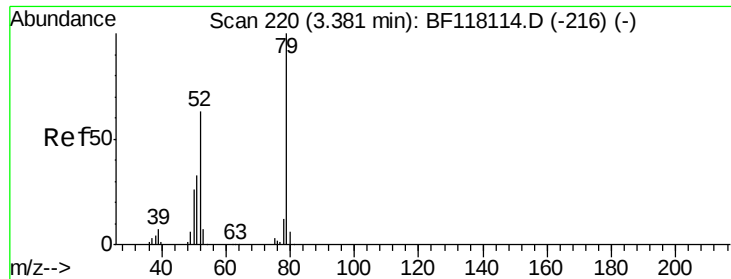
#2
 1,4-Dioxane
 Concen: 37.617 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.09 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion: 88 Resp: 105209
 Ion Ratio Lower Upper
 88 100
 58 66.8 52.2 78.4
 43 28.2 21.4 32.2



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

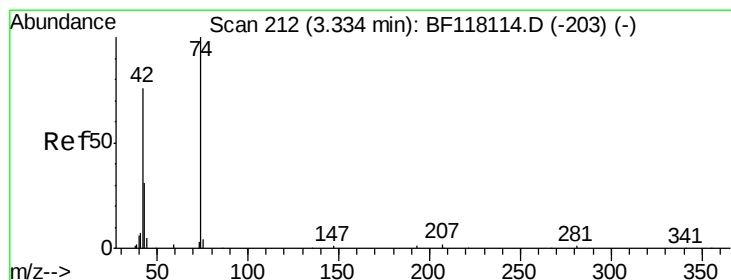
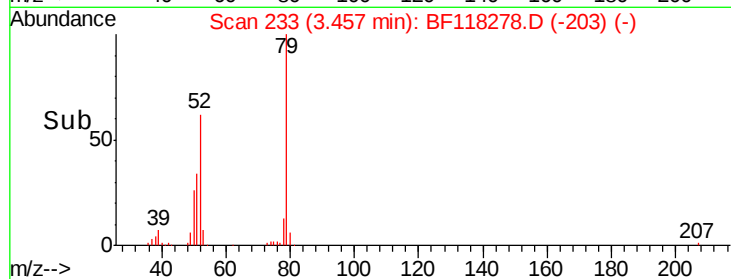
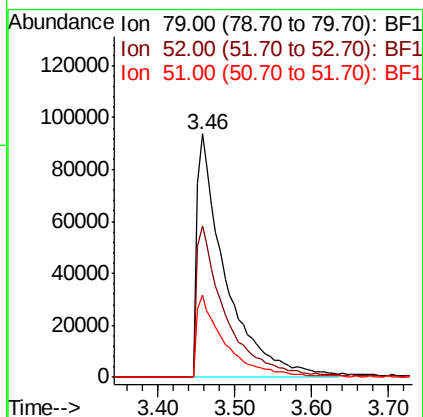
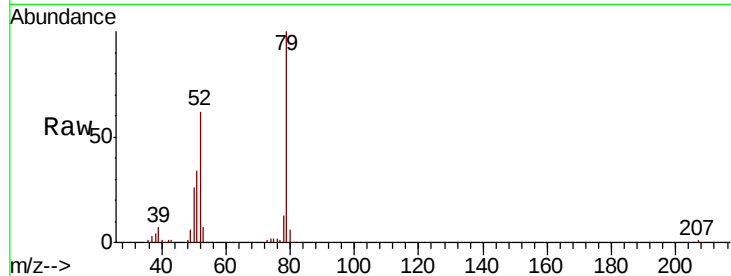




#3
 Pvridine
 Concen: 33.494 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.08 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

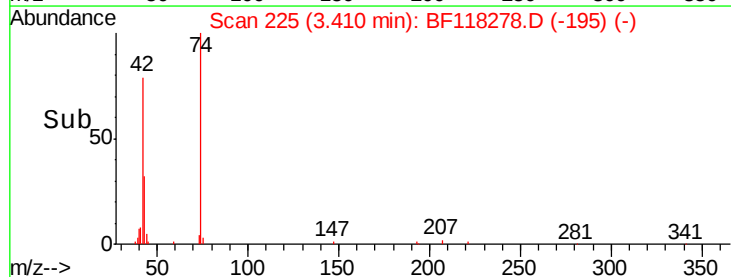
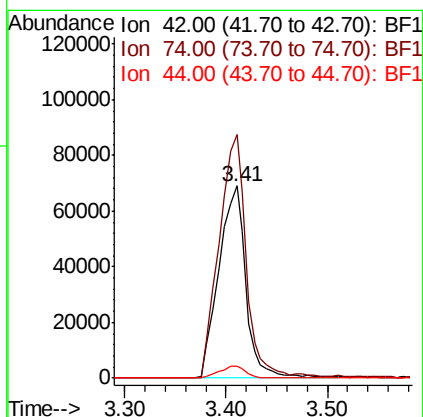
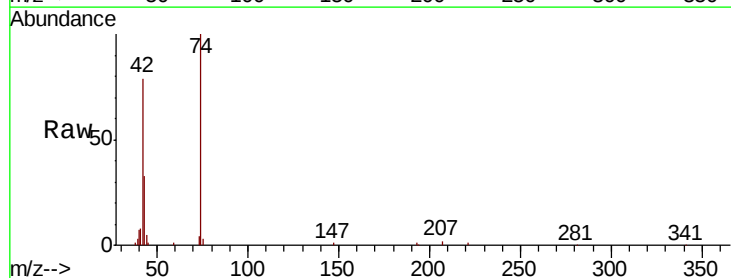
Instrument :
 BNA_F
 ClientSampleId :

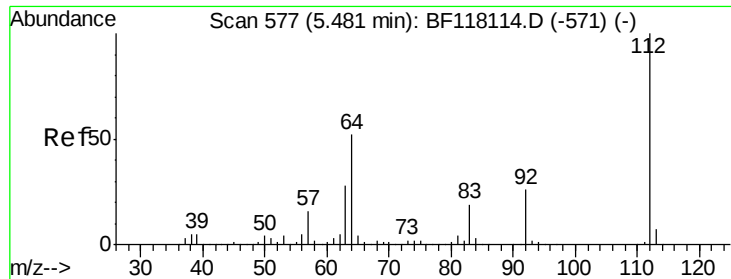
Tot Ion: 79 Resp: 241687
 Ion Ratio Lower Upper
 79 100
 52 62.2 50.7 76.1
 51 33.8 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 41.376 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.08 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion: 42 Resp: 128441
 Ion Ratio Lower Upper
 42 100
 74 126.7 104.6 157.0
 44 6.1 5.1 7.7

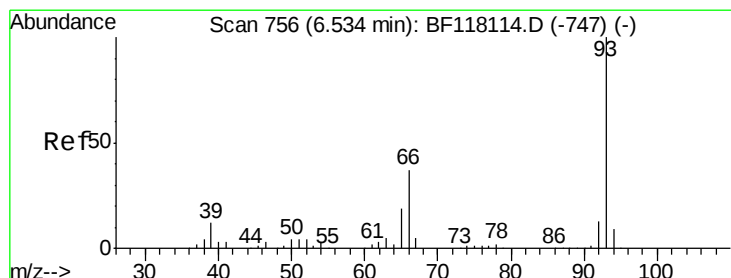
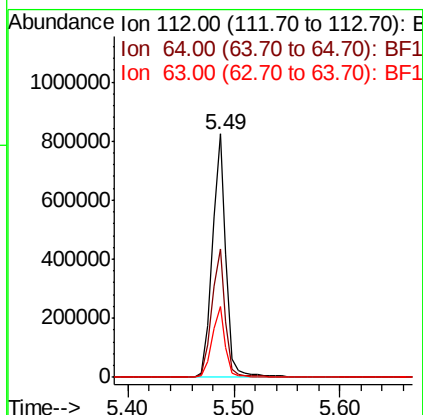
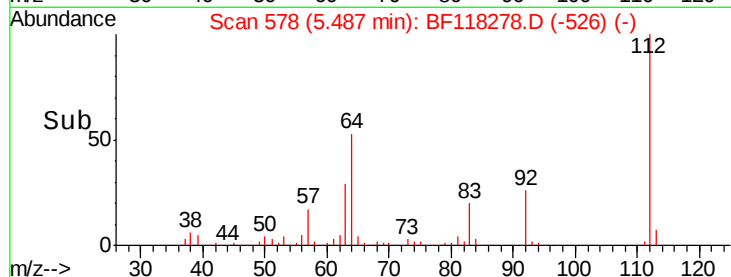
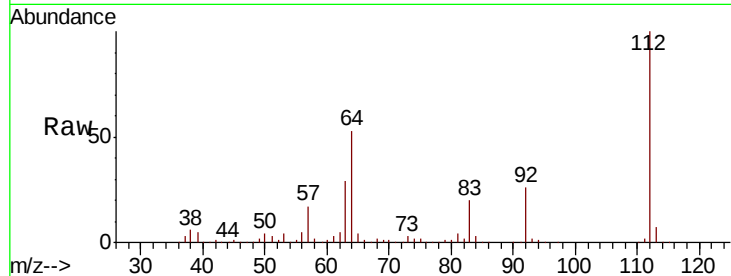




#5
2-Fluorophenol
Concen: 114.024 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

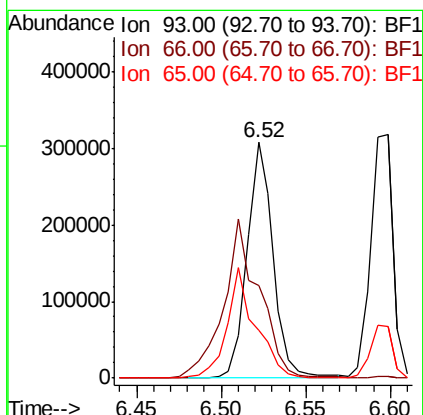
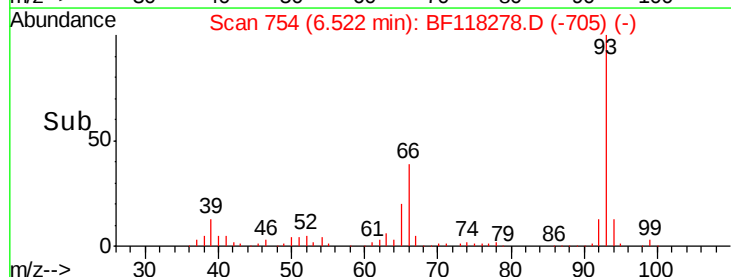
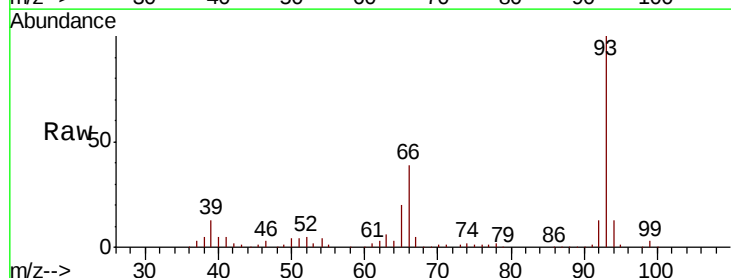
Instrument :
BNA_F
ClientSampled :

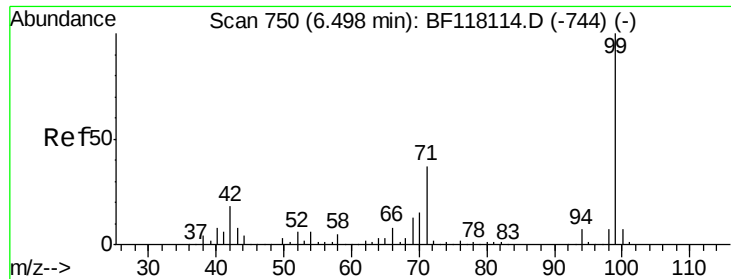
Tot Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.3	61.9
63	29.1	22.4	33.6



#6
Aniline
Concen: 32.371 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.1	30.2	45.2
65	20.1	15.5	23.3





#7

Phenol-d6

Concen: 113.920 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampled :

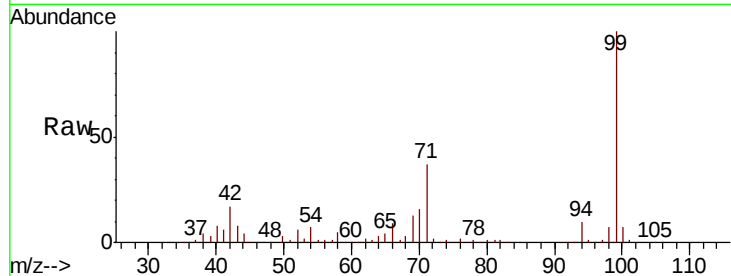
Tot Ion: 99 Resp: 913978

Ion Ratio Lower Upper

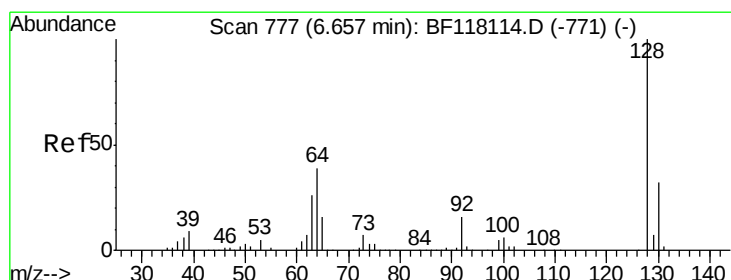
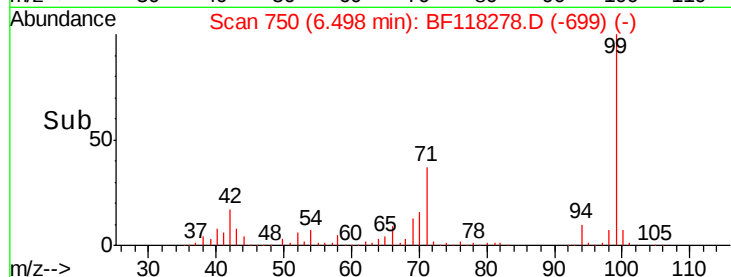
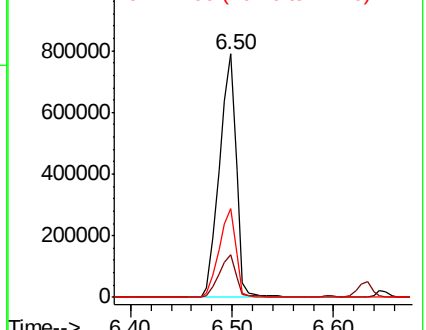
99 100

42 17.5 14.1 21.1

71 36.6 29.7 44.5



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: 45.736 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

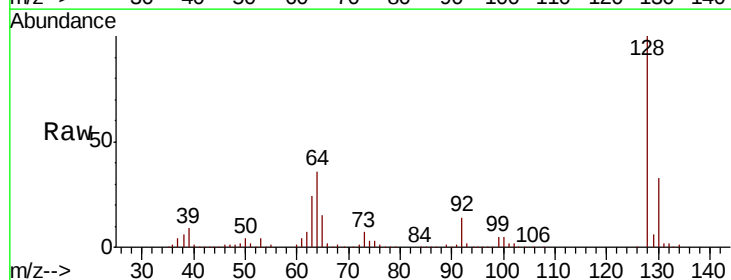
Tgt Ion: 128 Resp: 342076

Ion Ratio Lower Upper

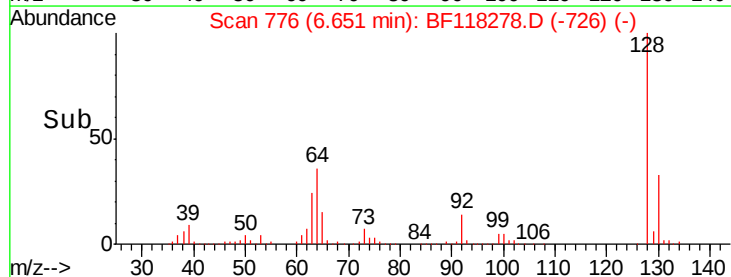
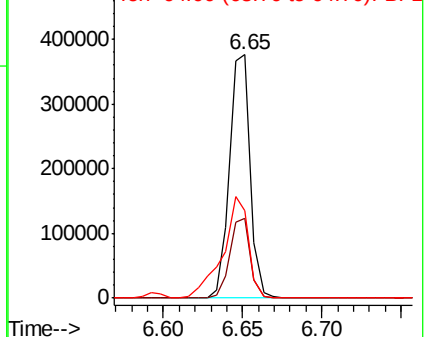
128 100

130 32.7 12.1 52.1

64 35.9 19.3 59.3



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: 46.009 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

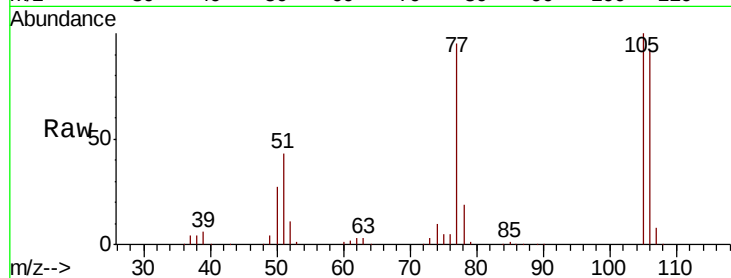
Tot Ion: 77 Resp: 183399

Ion Ratio Lower Upper

77 100

105 105.3 86.4 126.4

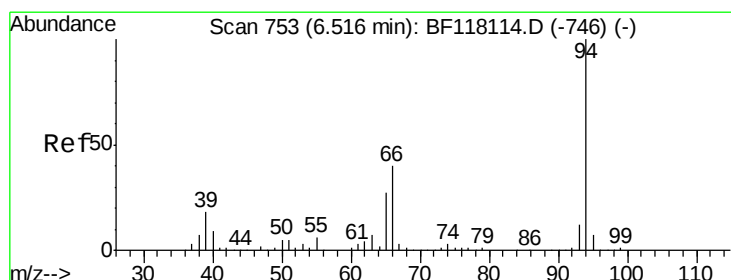
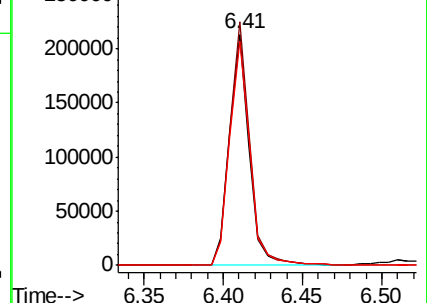
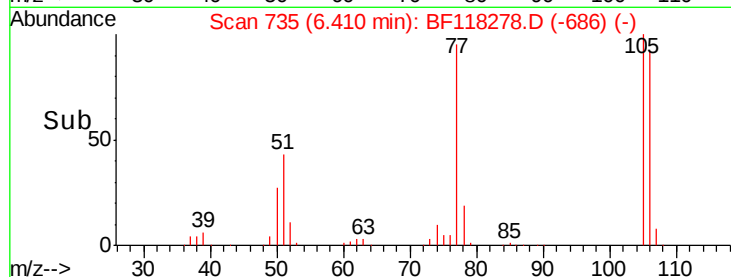
106 97.2 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.200 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

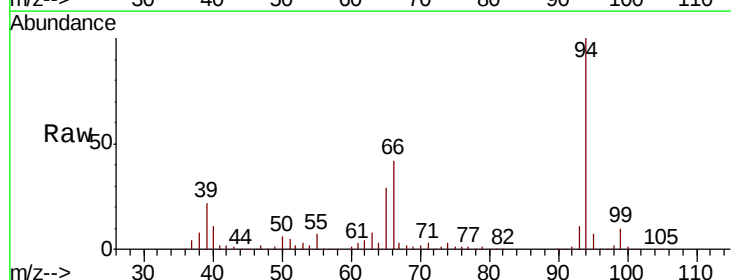
Tgt Ion: 94 Resp: 395264

Ion Ratio Lower Upper

94 100

65 28.8 7.3 47.3

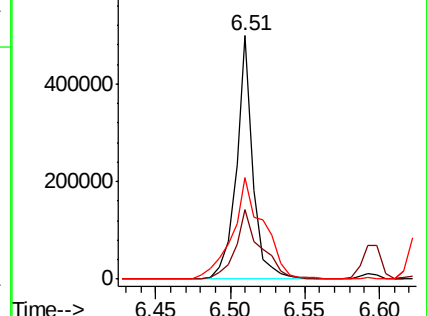
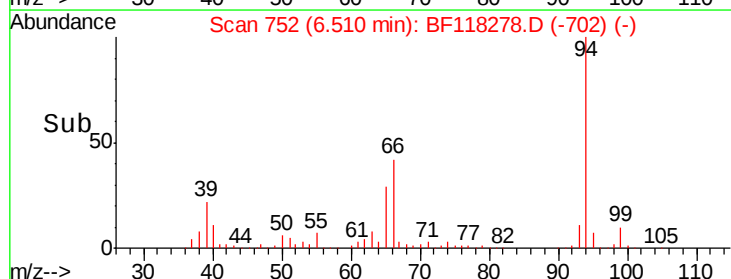
66 41.8 20.2 60.2

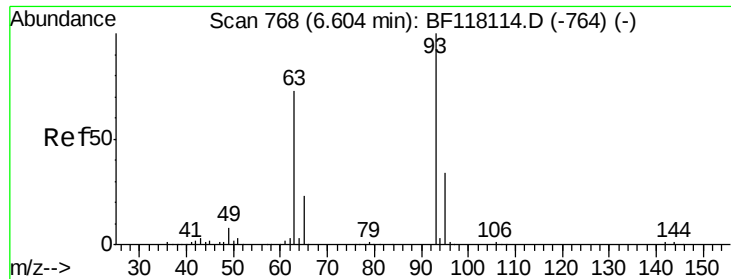


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

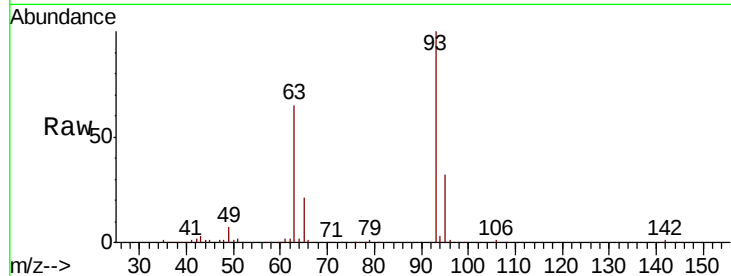




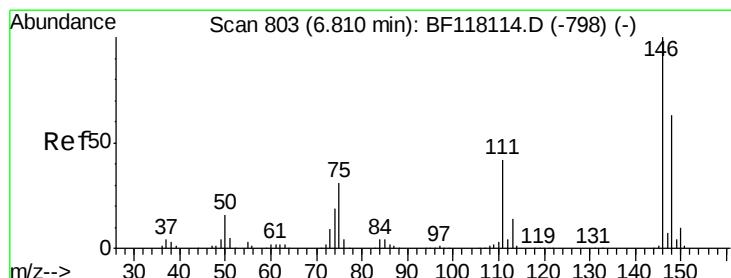
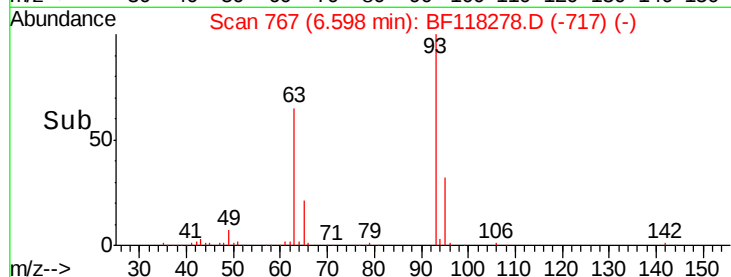
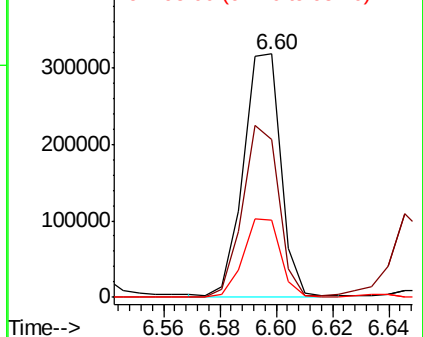
#11
 bis(2-Chloroethyl)ether
 Concen: 44.539 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 294734
 Ion Ratio Lower Upper
 93 100
 63 65.0 53.2 93.2
 95 31.9 13.8 53.8

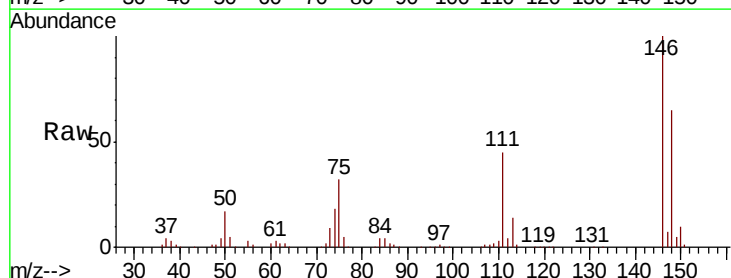


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

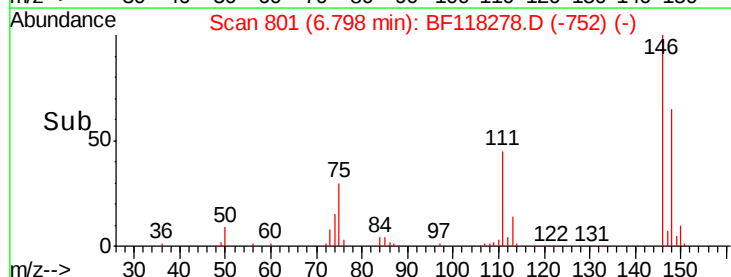
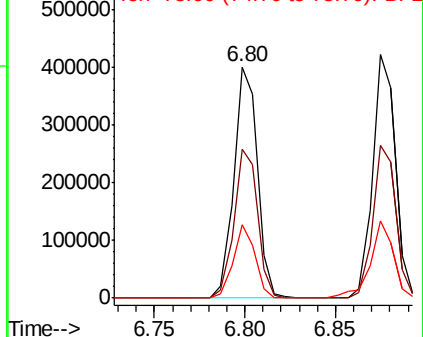


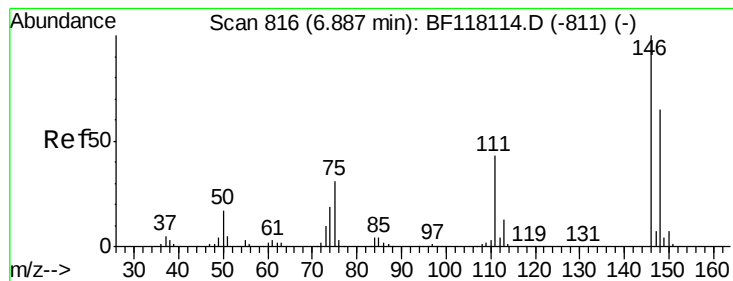
#12
 1,3-Dichlorobenzene
 Concen: 41.311 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion: 146 Resp: 360943
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.4
 75 31.8 24.6 37.0



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





#13

1,4-Dichlorobenzene

Concen: 42.173 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

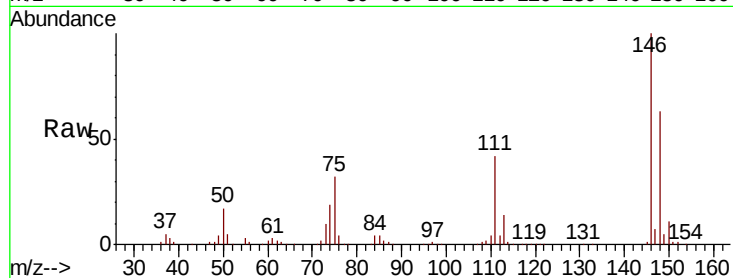
Tot Ion:146 Resp: 371039

Ion Ratio Lower Upper

146 100

148 63.0 52.1 78.1

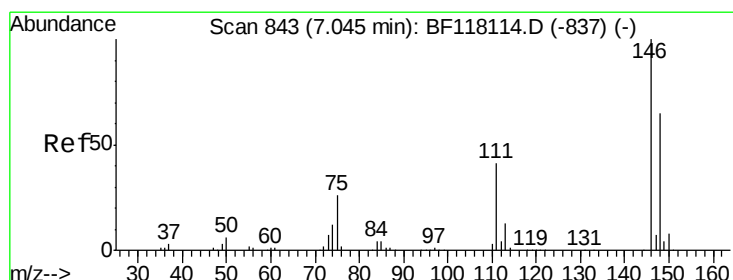
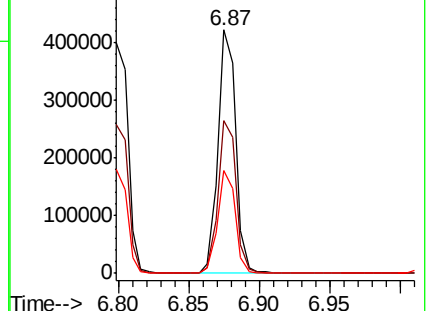
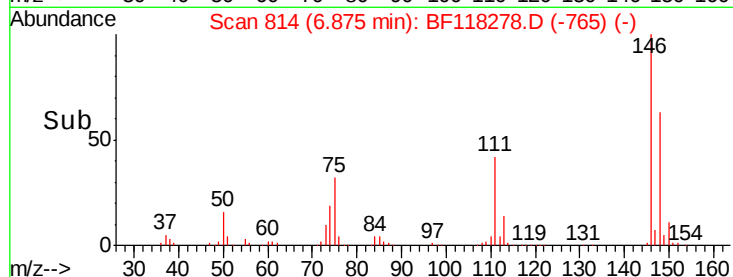
111 42.5 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.186 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

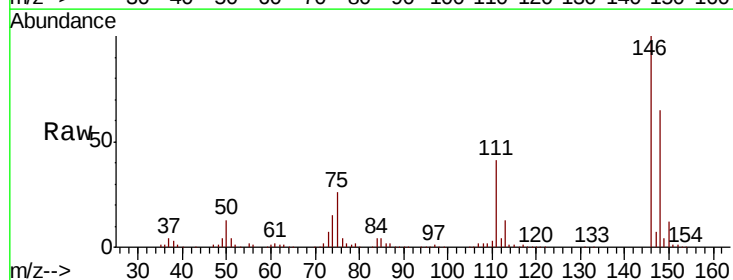
Tgt Ion:146 Resp: 348552

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

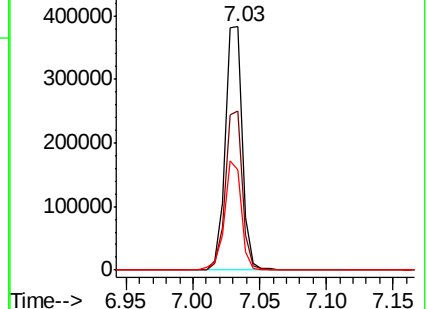
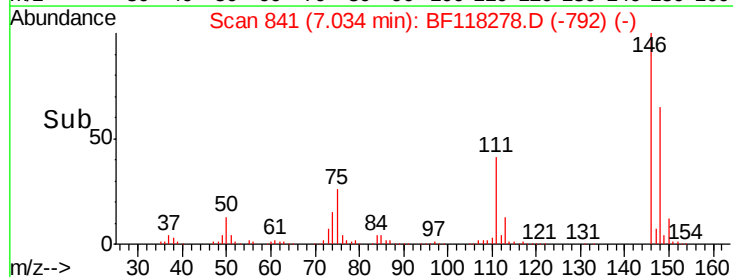
111 41.4 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.003 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

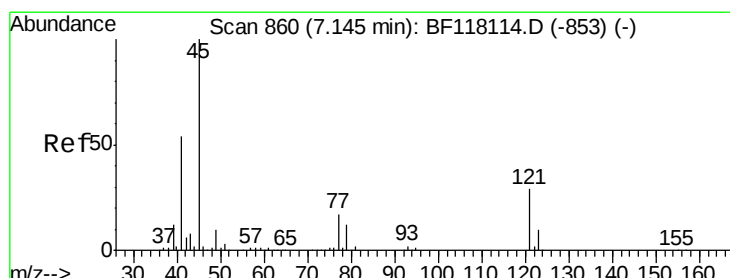
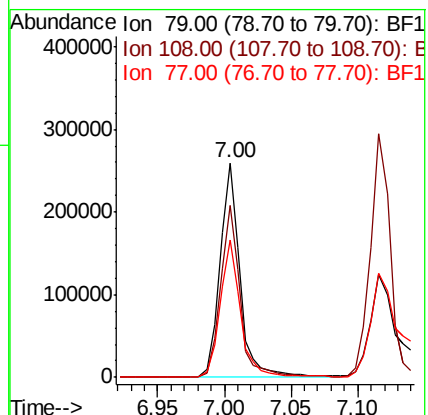
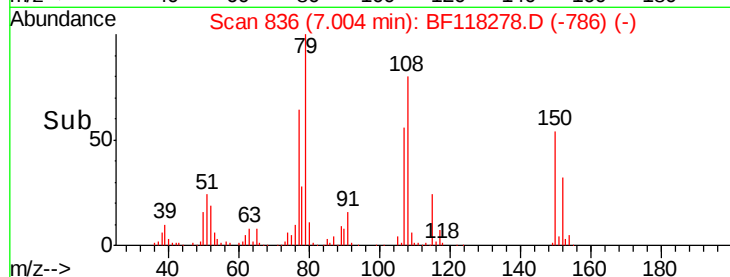
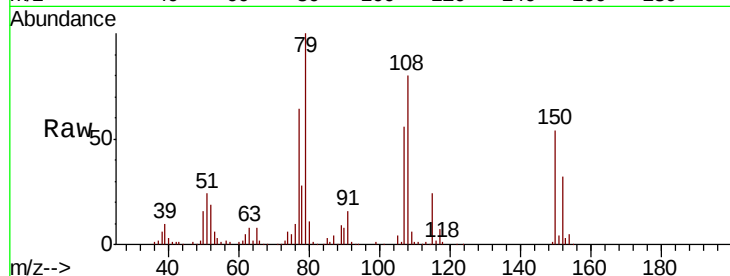
Tot Ion: 79 Resp: 275577

Ion Ratio Lower Upper

79 100

108 80.3 62.7 94.1

77 64.1 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.140 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

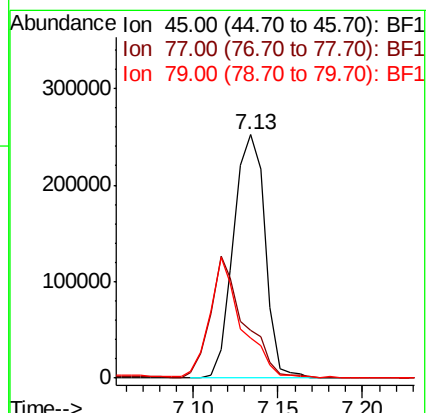
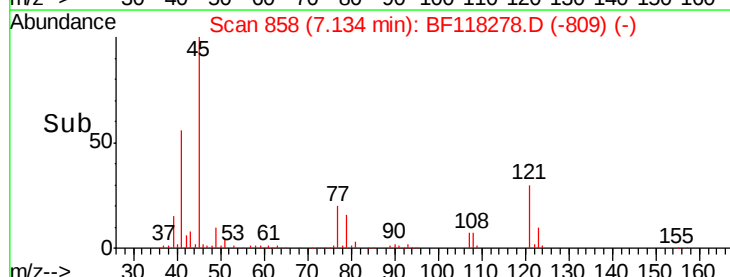
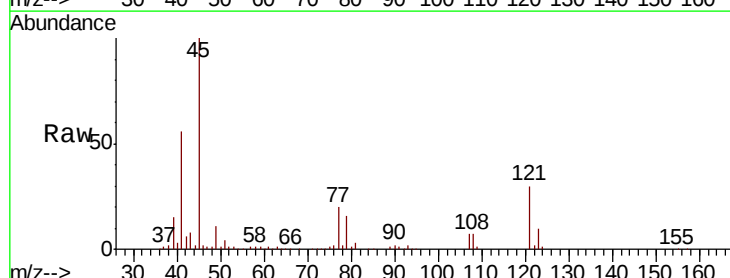
Tgt Ion: 45 Resp: 327332

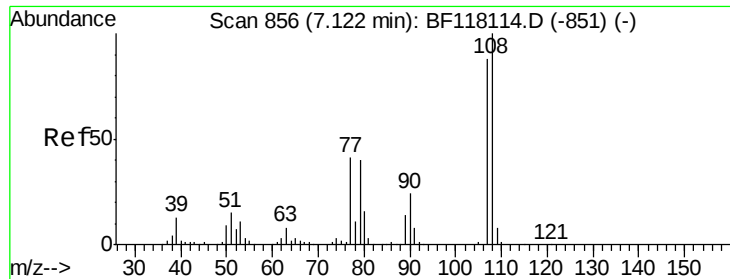
Ion Ratio Lower Upper

45 100

77 19.8 0.0 38.0

79 16.3 0.0 33.2

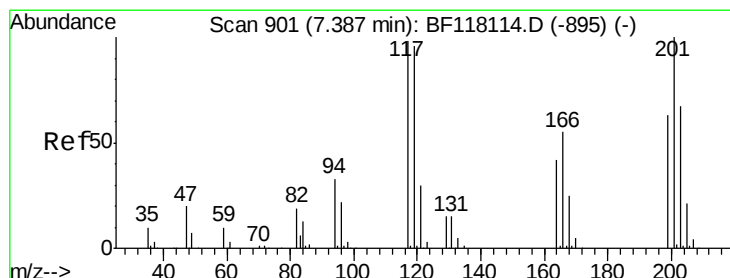
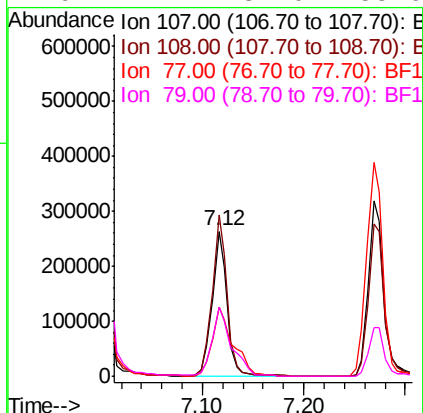
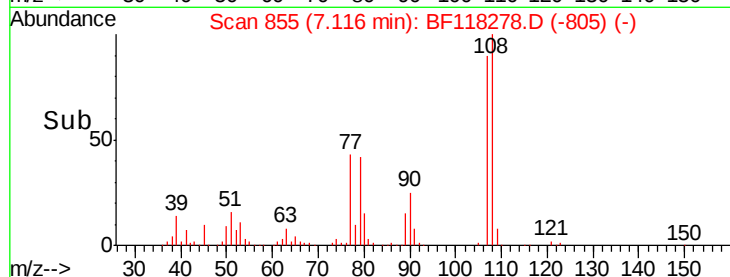
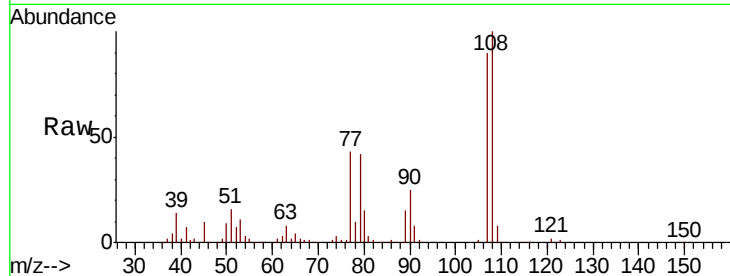




#17
2-Methylphenol
Concen: 45.260 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

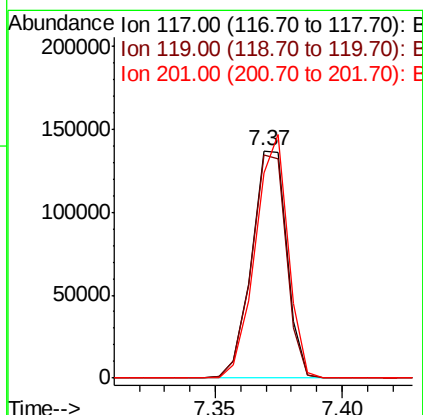
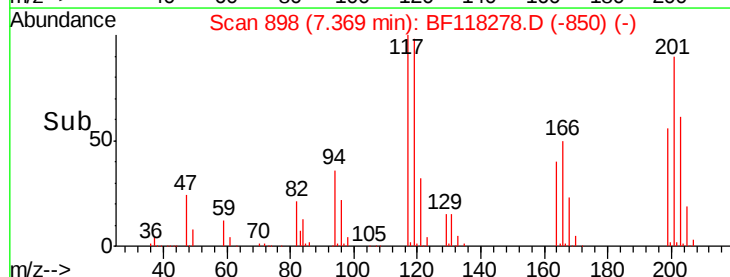
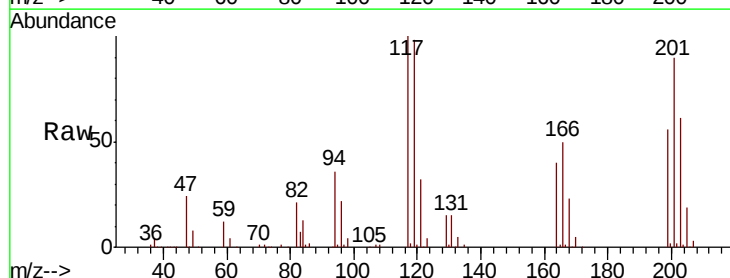
Instrument :
BNA_F
ClientSampled :

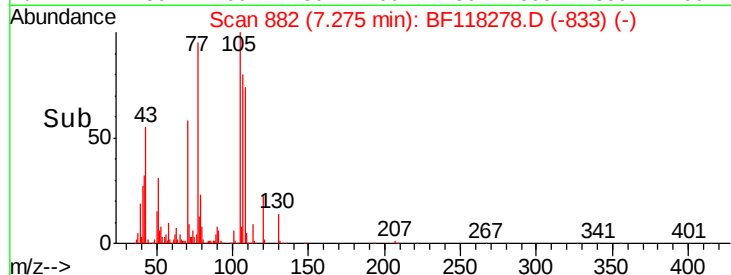
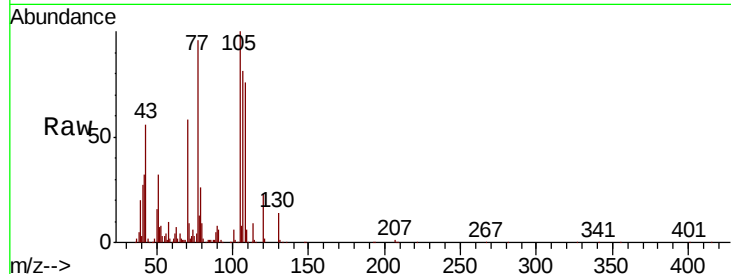
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.1	136.7
77	47.6	37.8	56.6
79	47.2	37.0	55.6



#18
Hexachloroethane
Concen: 41.065 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.2	117.4
201	90.5	81.6	122.4

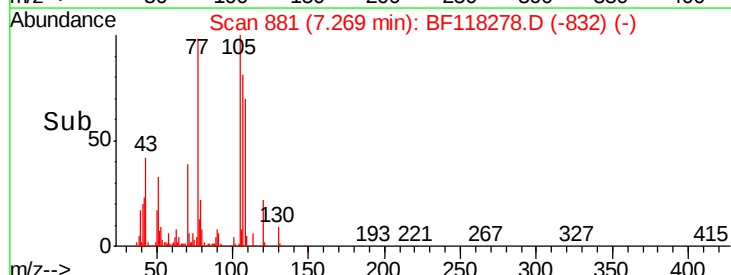
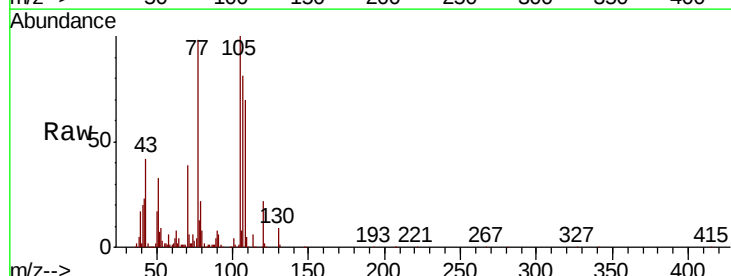
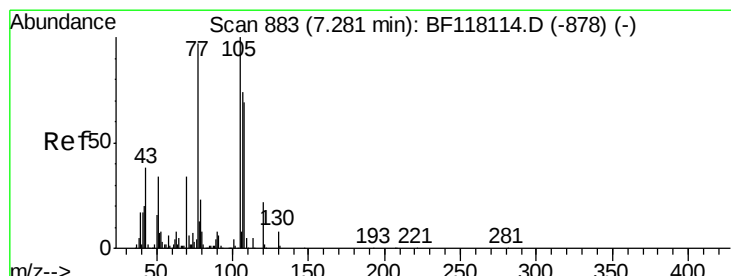
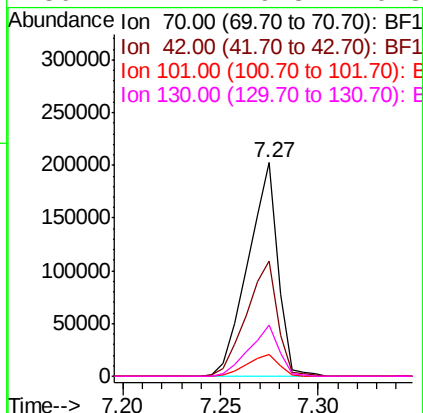




#19
n-Nitroso-di-n-propylamine
Concen: 44.132 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

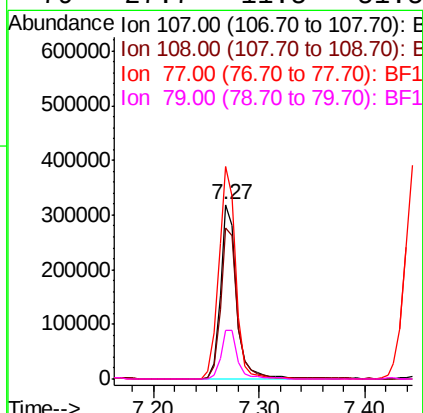
Instrument :
BNA_F
ClientSampleId :

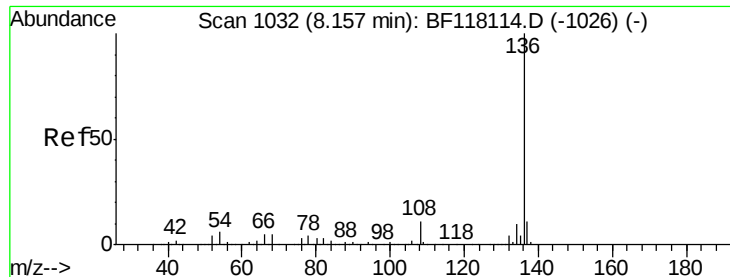
Tot Ion:	70	Resp:	215154
Ion	Ratio	Lower	Upper
70	100		
42	54.1	43.2	64.8
101	10.2	8.1	12.1
130	24.2	19.8	29.8



#20
3+4-Methylphenols
Concen: 45.499 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:	107	Resp:	339975
Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.2	113.2
77	121.9	110.9	150.9
79	27.7	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473693

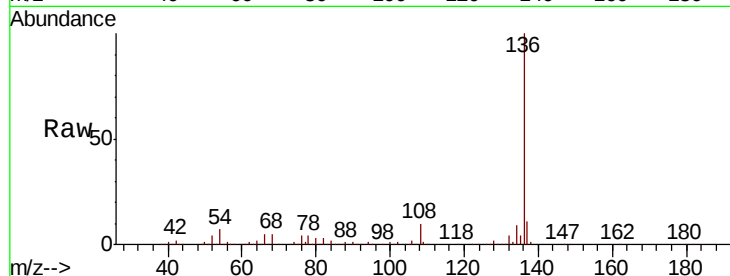
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.6 5.0 7.6

68 4.7 3.8 5.8

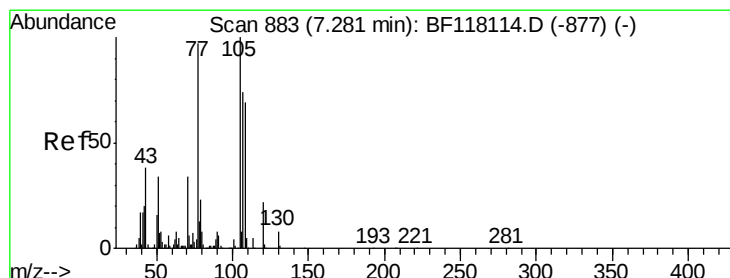
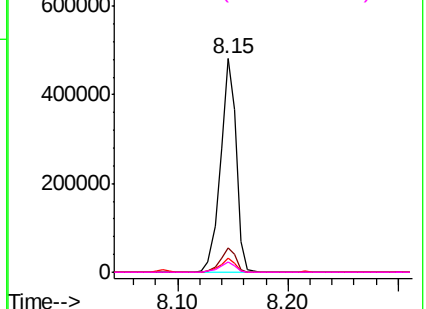
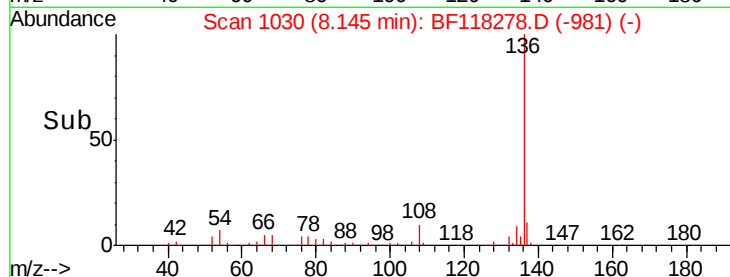


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.577 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Tgt Ion:105 Resp: 450404

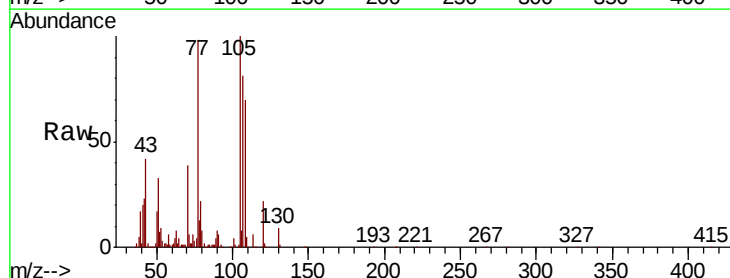
Ion Ratio Lower Upper

105 100

71 6.3 4.7 7.1

51 32.8 27.1 40.7

120 21.6 17.8 26.6

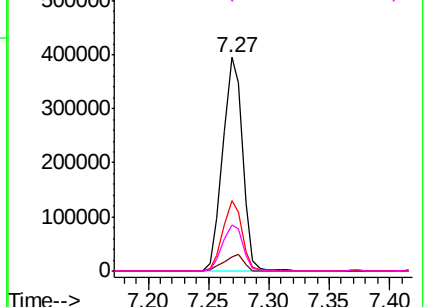
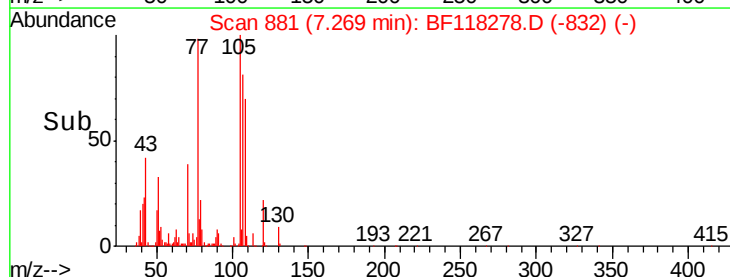


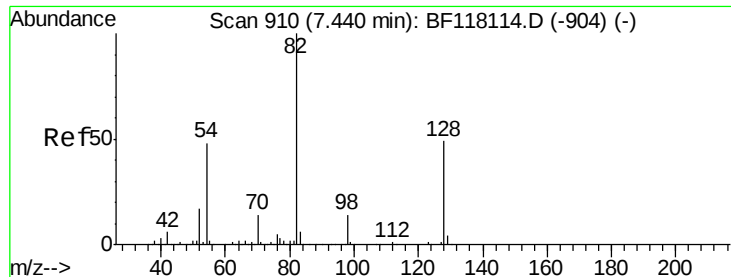
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

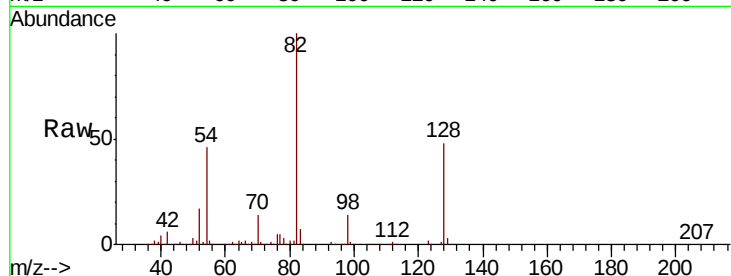




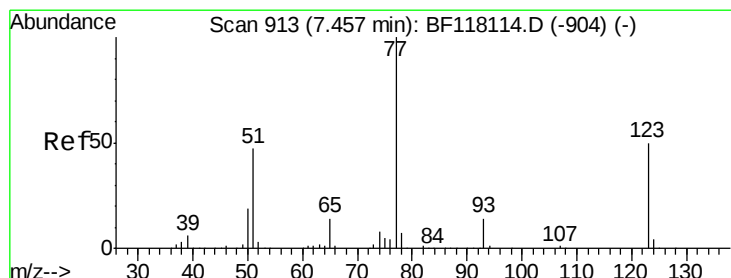
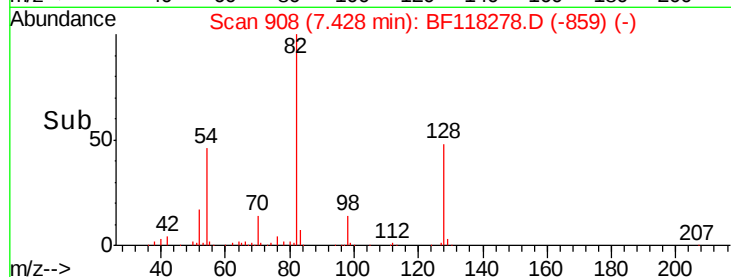
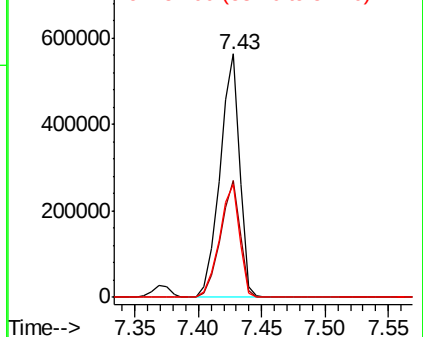
#23
 Nitrobenzene-d5
 Concen: 72.527 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 610680
 Ion Ratio Lower Upper
 82 100
 128 47.8 39.1 58.7
 54 46.3 38.2 57.2

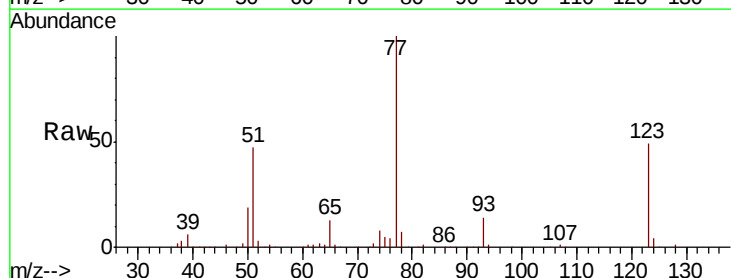


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

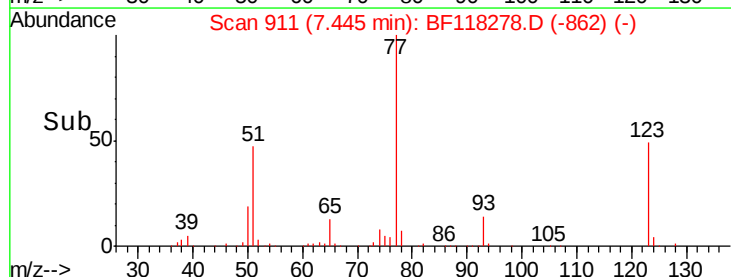
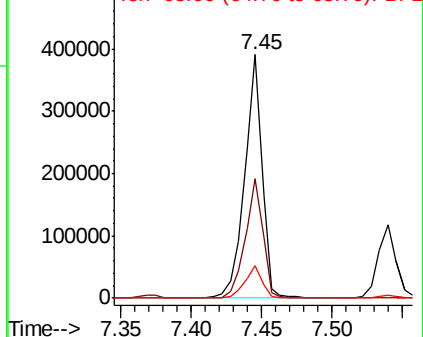


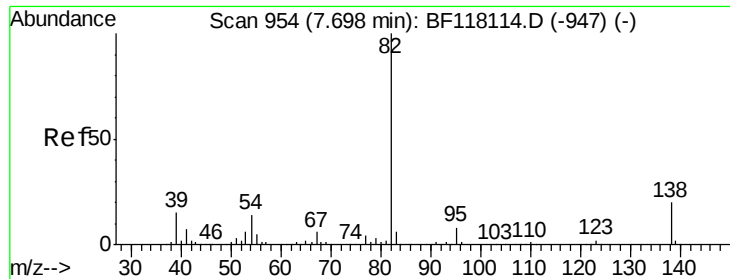
#24
 Nitrobenzene
 Concen: 40.147 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion: 77 Resp: 332122
 Ion Ratio Lower Upper
 77 100
 123 49.1 40.1 60.1
 65 13.2 10.9 16.3



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

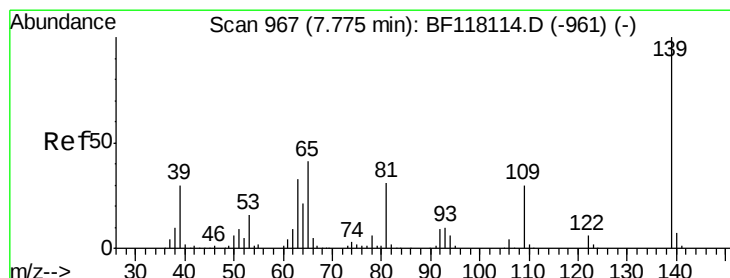
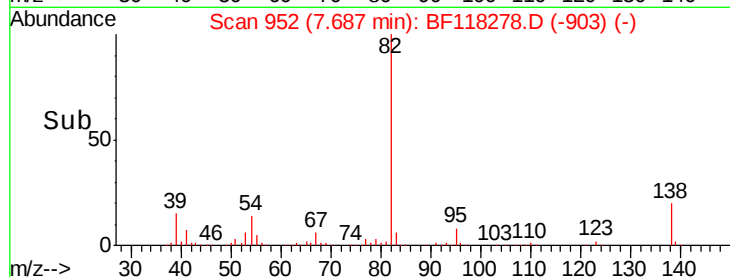
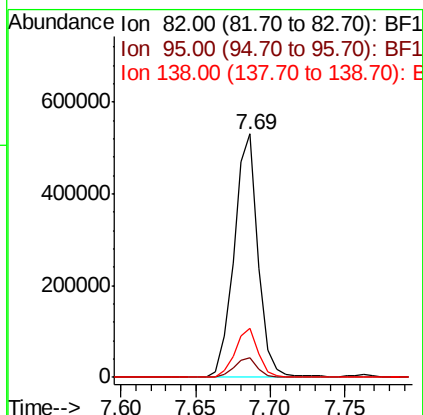
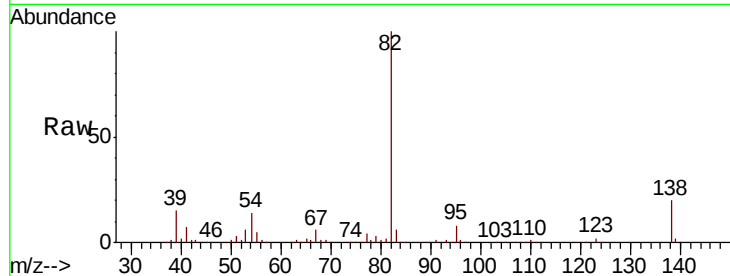




#25
Isophorone
Concen: 41.864 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

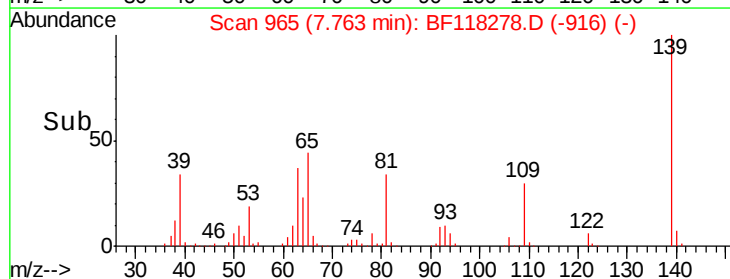
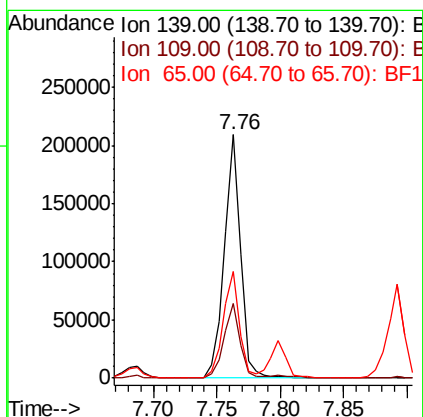
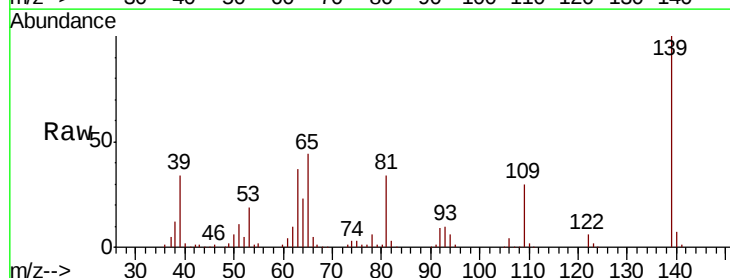
Instrument :
BNA_F
ClientSampleId :

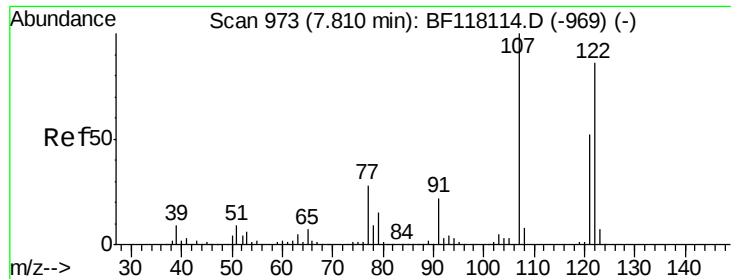
Tot Ion: 82 Resp: 597551
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 20.3 16.3 24.5



#26
2-Nitrophenol
Concen: 42.681 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion: 139 Resp: 188720
Ion Ratio Lower Upper
139 100
109 30.5 23.9 35.9
65 43.9 33.0 49.6

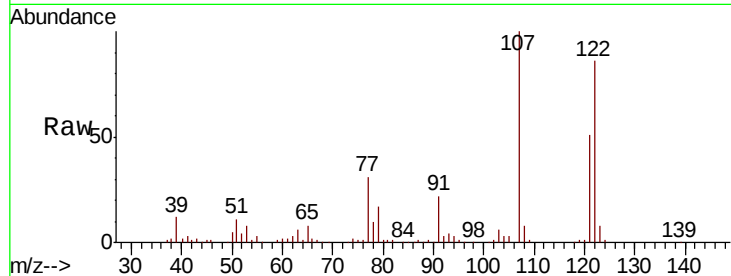




#27
2,4-Dimethylphenol
Concen: 48.915 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.9	139.3
121	59.8	48.3	72.5

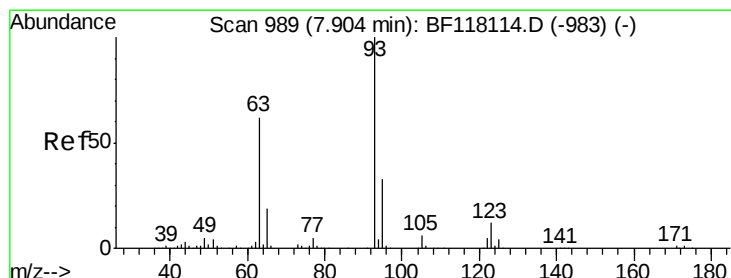
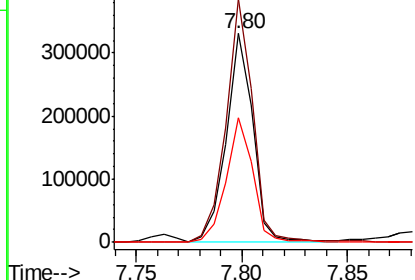
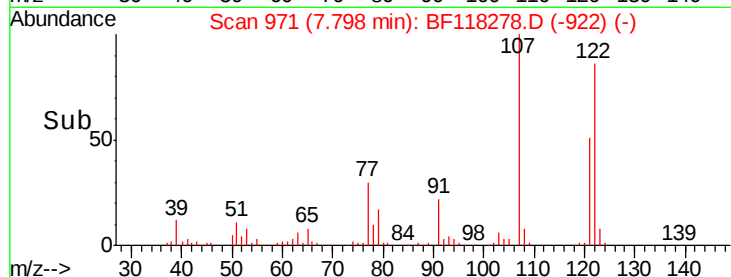


Abundance

Ion 122.00 (121.70 to 122.70): E

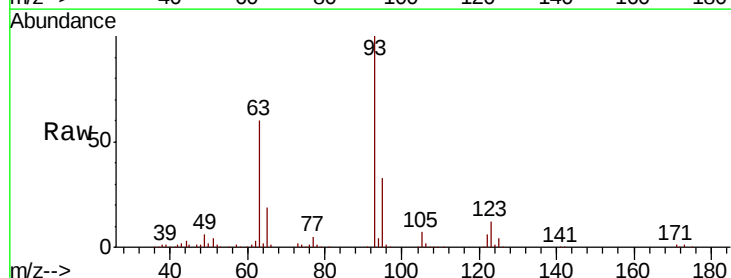
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.754 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.7	40.1
123	12.2	10.0	15.0

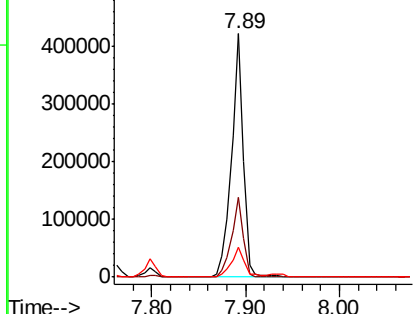
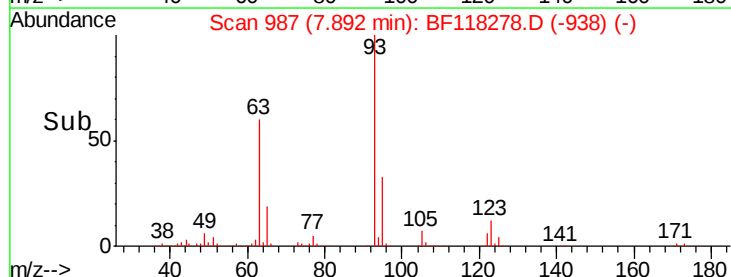


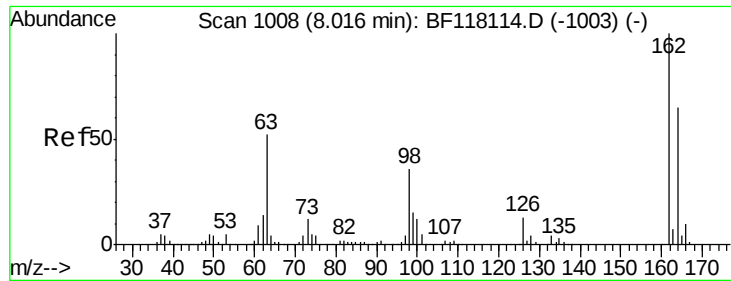
Abundance

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

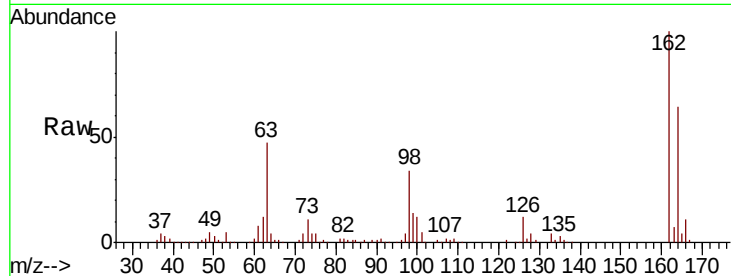




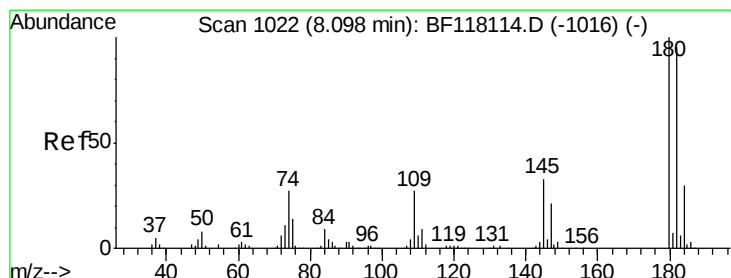
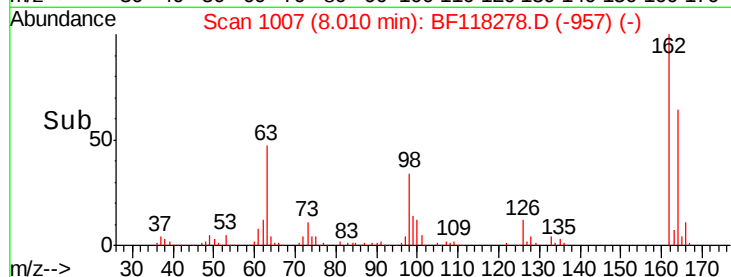
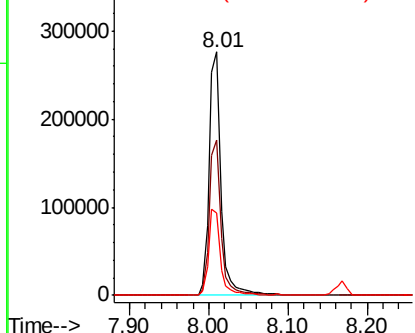
#29
 2,4-Dichlorophenol
 Concen: 41.743 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 287012
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.2 85.2
 98 33.8 15.9 55.9

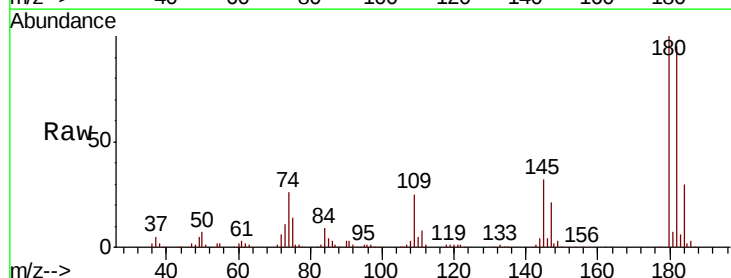


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

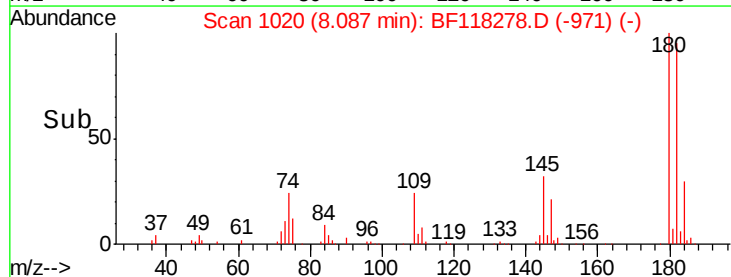
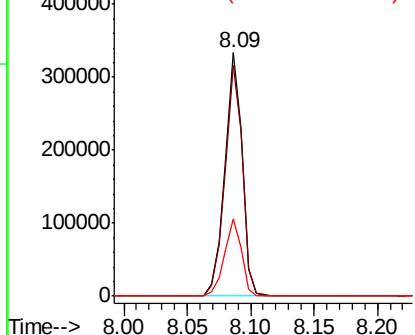


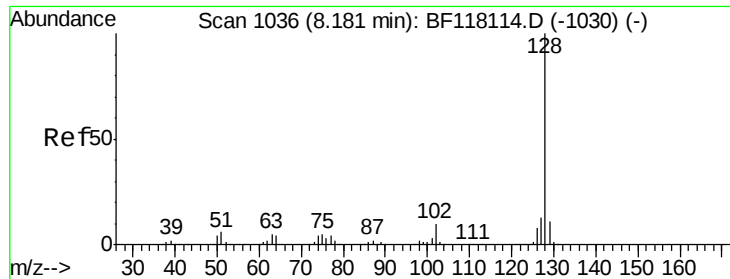
#30
 1,2,4-Trichlorobenzene
 Concen: 39.204 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion:180 Resp: 315012
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 145 31.9 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

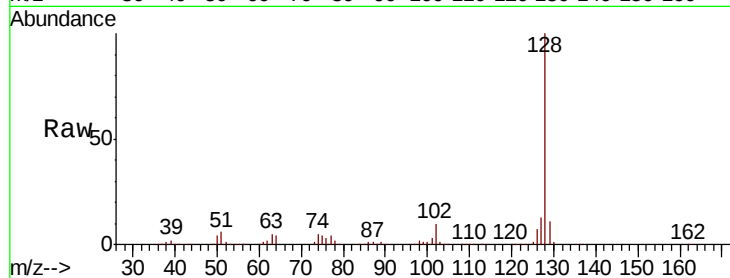




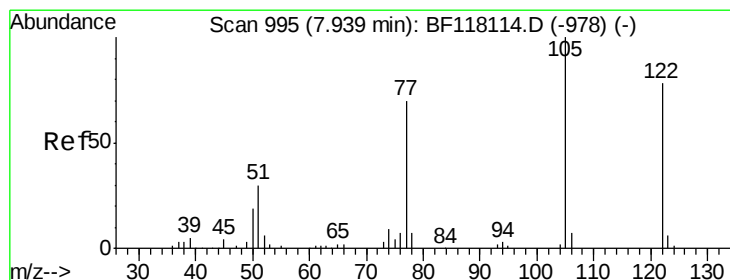
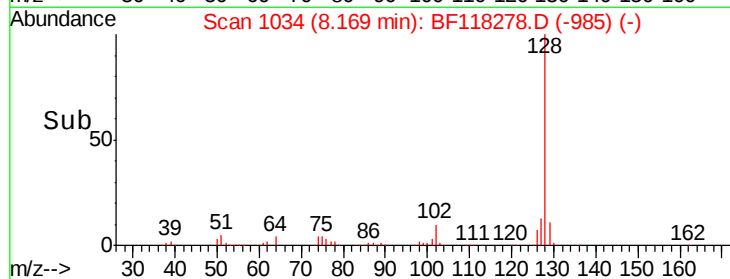
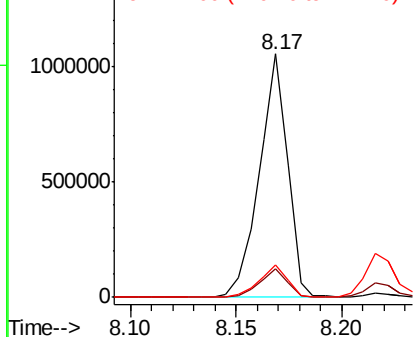
#31
Naphthalene
Concen: 41.325 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 983115
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.6 16.0

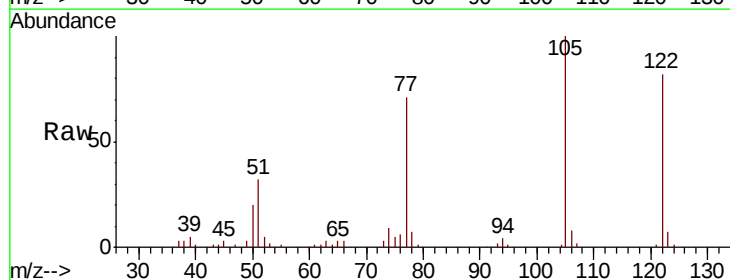


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

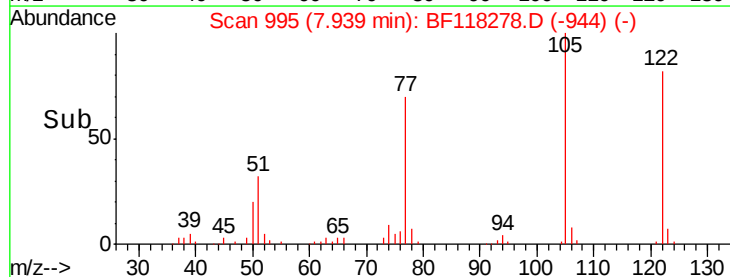
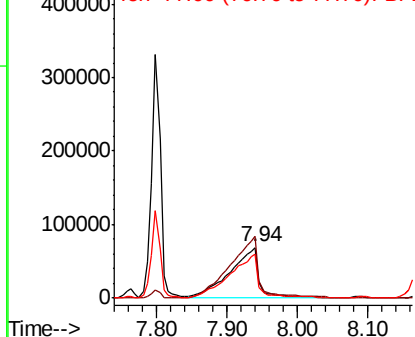


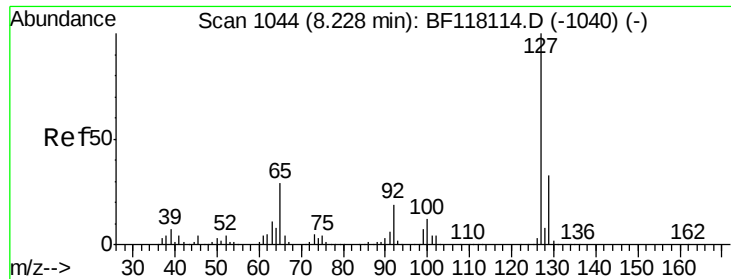
#32
Benzoic acid
Concen: 36.924 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:122 Resp: 196632
Ion Ratio Lower Upper
122 100
105 121.7 104.7 144.7
77 86.5 69.1 109.1



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

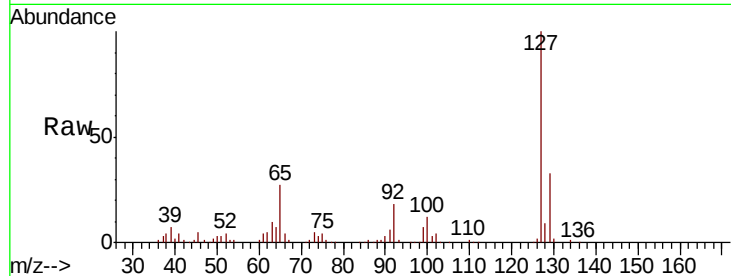




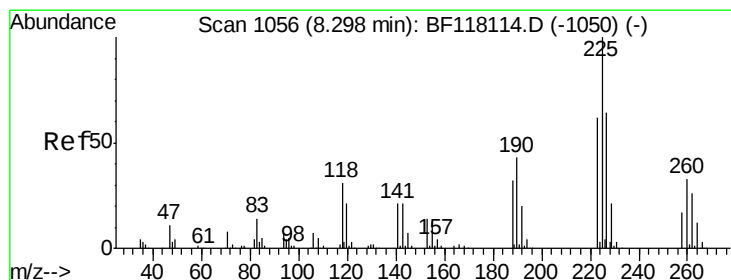
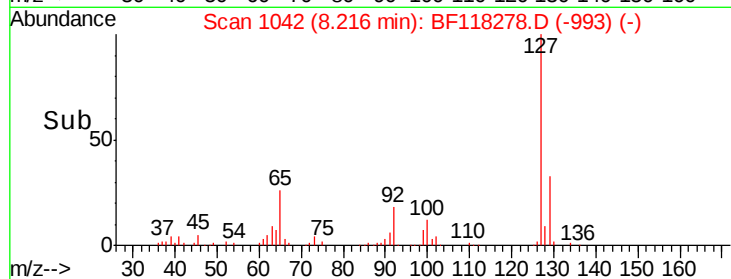
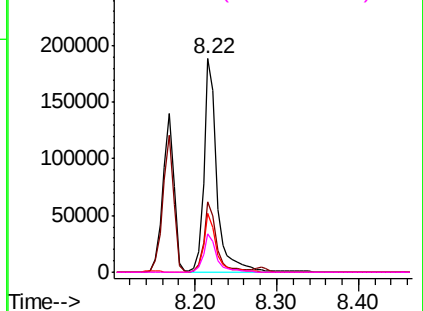
#33
4-Chloroaniline
Concen: 20.314 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	208664
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	27.4	23.2	34.8
92	17.8	15.4	23.0

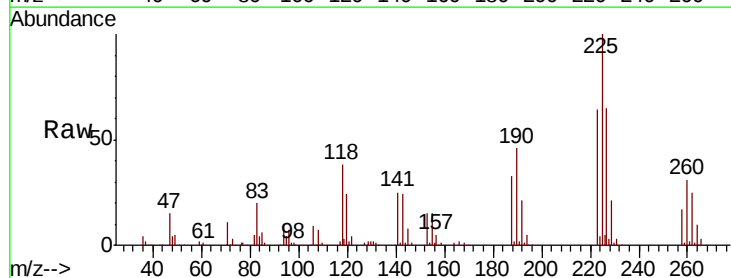


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

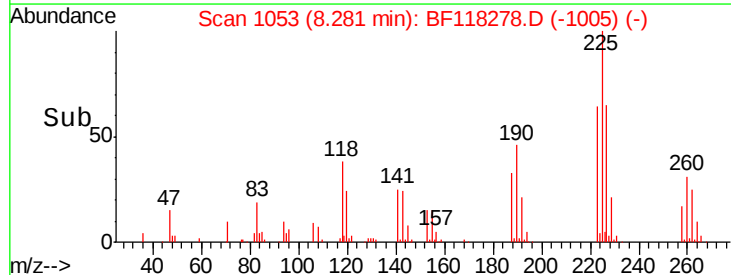
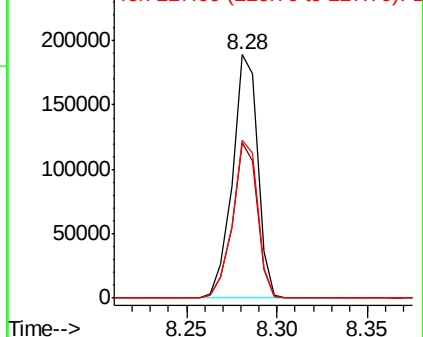


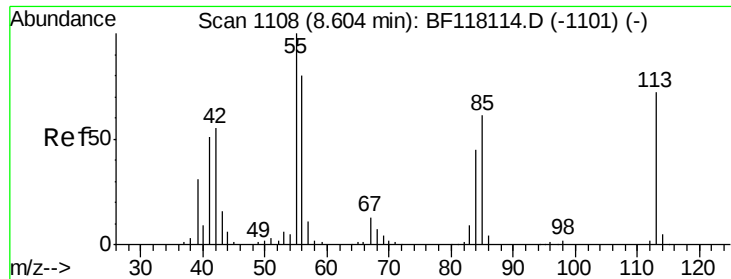
#34
Hexachlorobutadiene
Concen: 38.120 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:	225	Resp:	183673
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.6	74.4
227	64.9	51.0	76.6



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

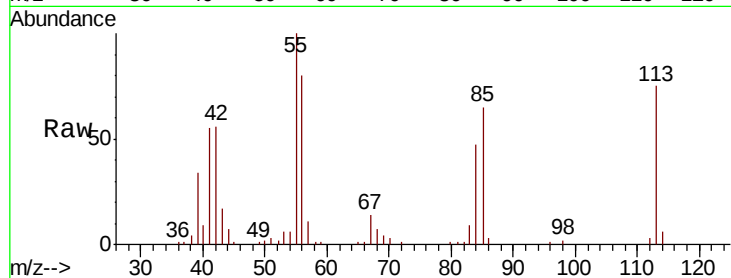




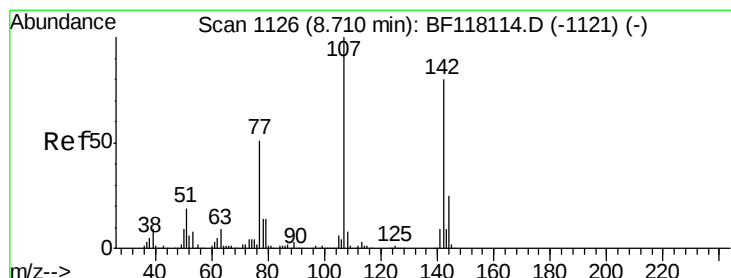
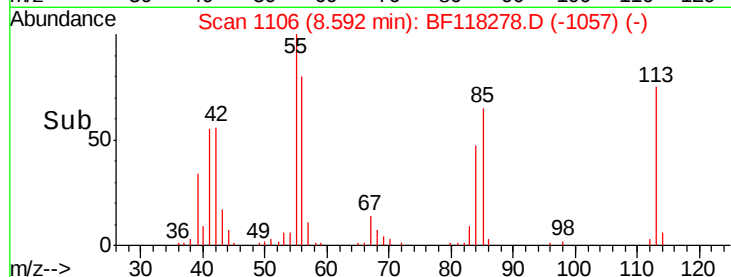
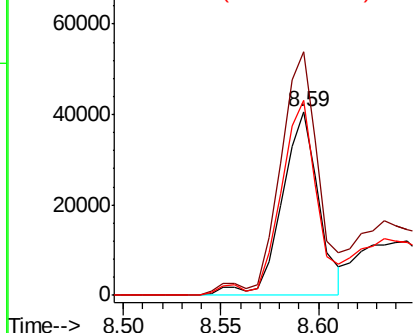
#35
 Caprolactam
 Concen: 24.880 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 52755
 Ion Ratio Lower Upper
 113 100
 55 132.7 118.9 158.9
 56 106.2 91.4 131.4

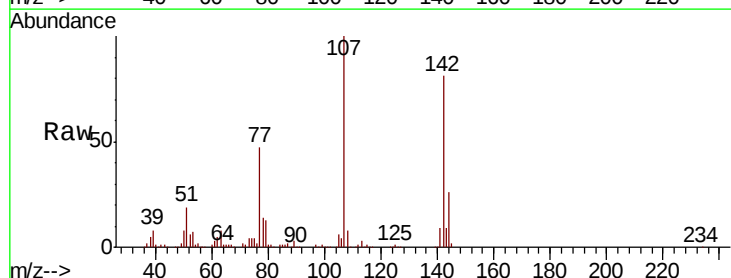


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

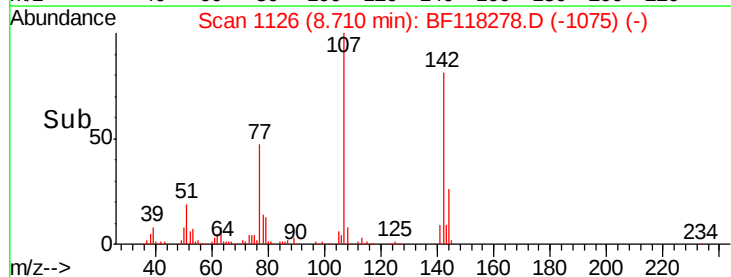
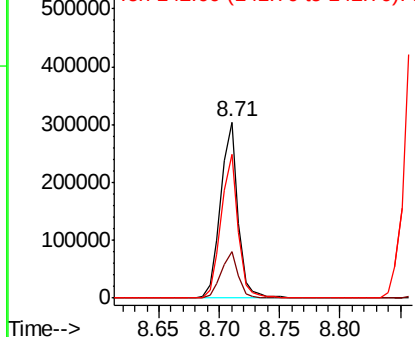


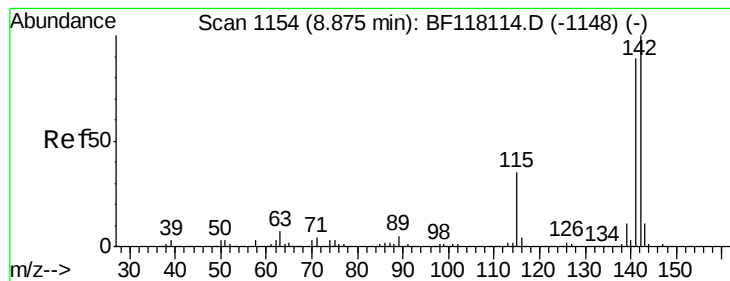
#36
 4-Chloro-3-methylphenol
 Concen: 41.826 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion:107 Resp: 302636
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 81.3 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.591 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

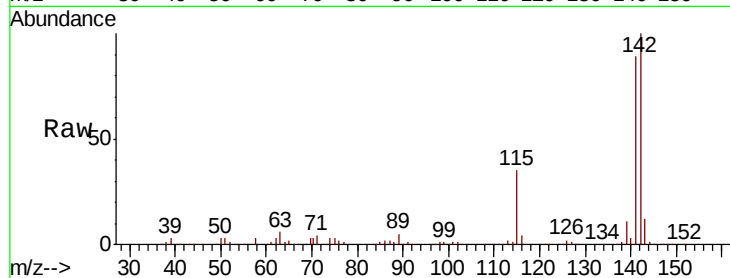
Tot Ion:142 Resp: 685973

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.0

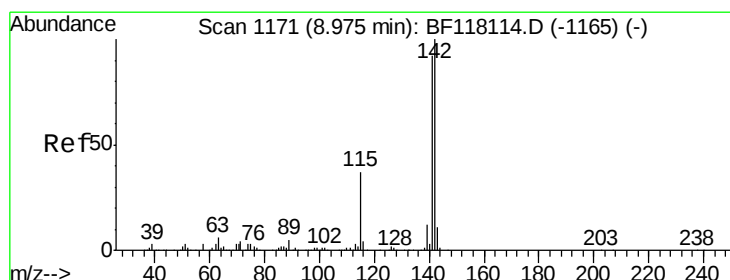
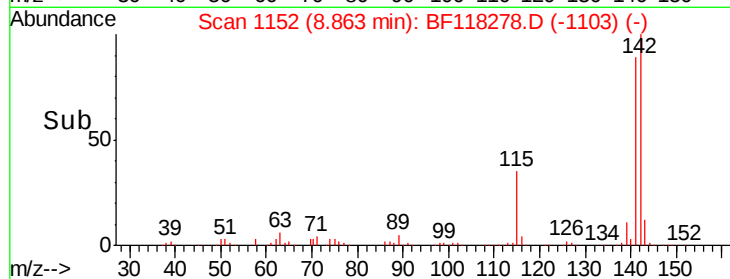
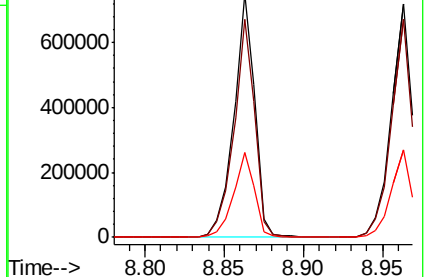
115 34.9 28.2 42.4



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: 42.672 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

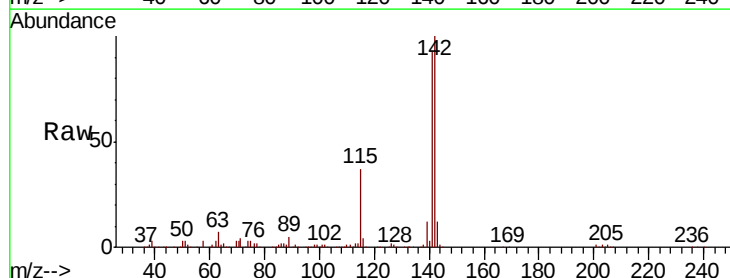
Tgt Ion:142 Resp: 645306

Ion Ratio Lower Upper

142 100

141 93.1 74.0 111.0

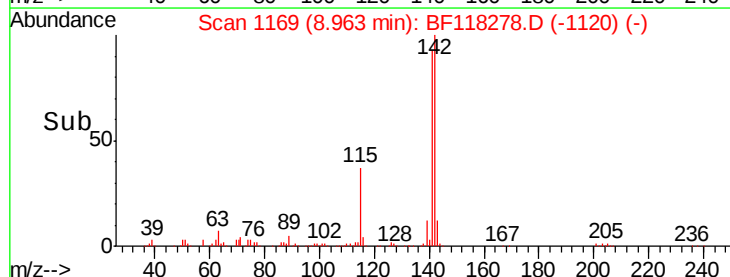
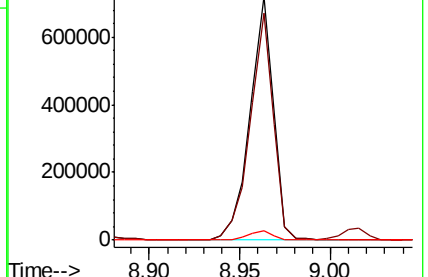
116 4.1 3.2 4.8

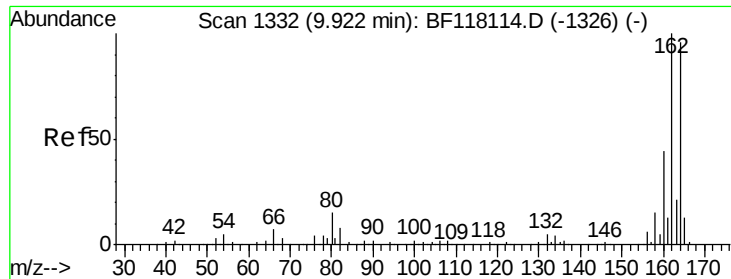


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

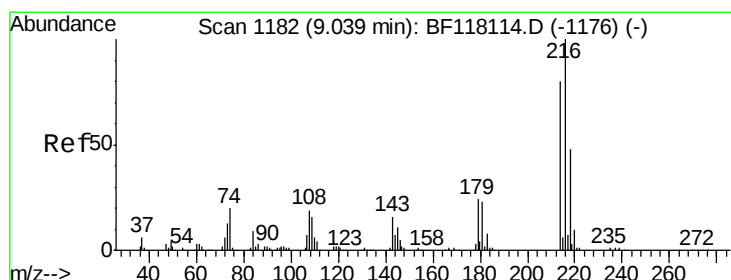
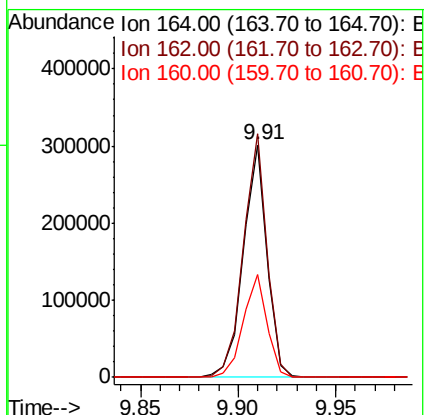
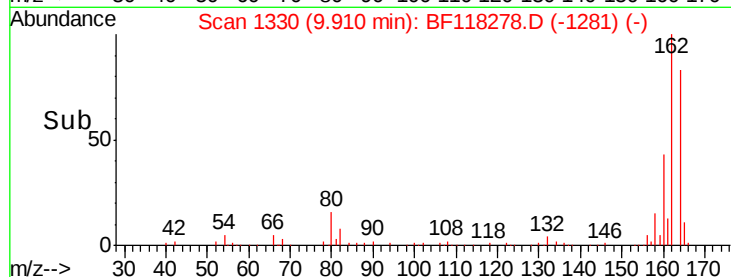
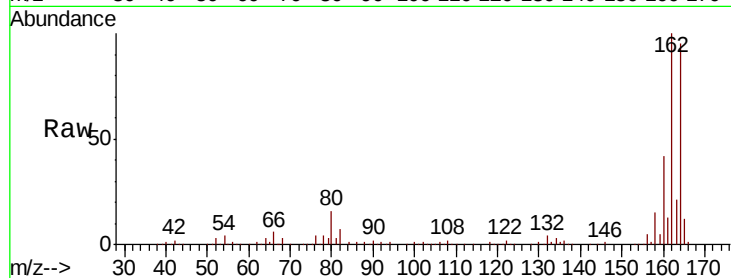
Tot Ion:164 Resp: 252128

Ion Ratio Lower Upper

164 100

162 104.8 83.4 125.0

160 44.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.257 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Tgt Ion:216 Resp: 299844

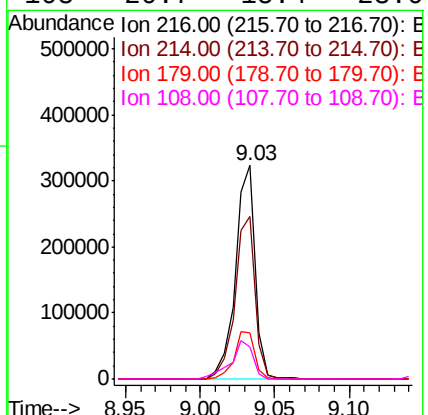
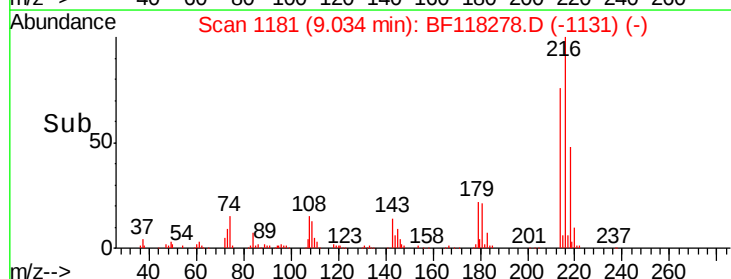
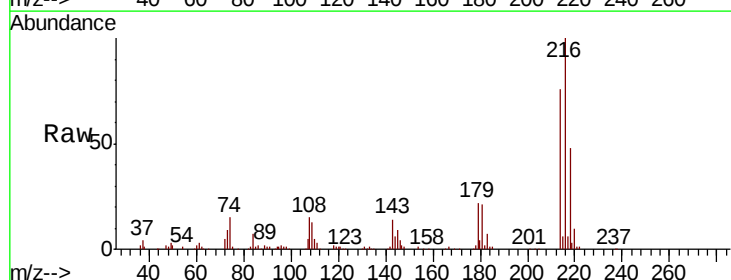
Ion Ratio Lower Upper

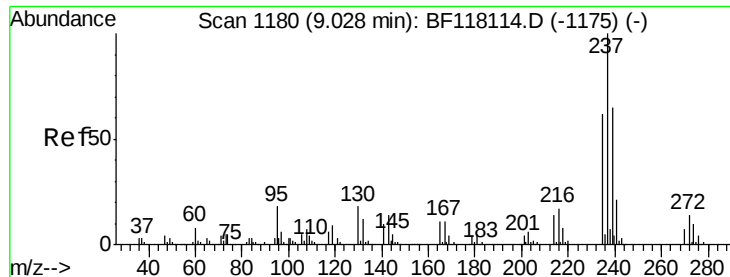
216 100

214 78.2 63.4 95.2

179 23.0 18.6 27.8

108 20.7 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 75.901 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

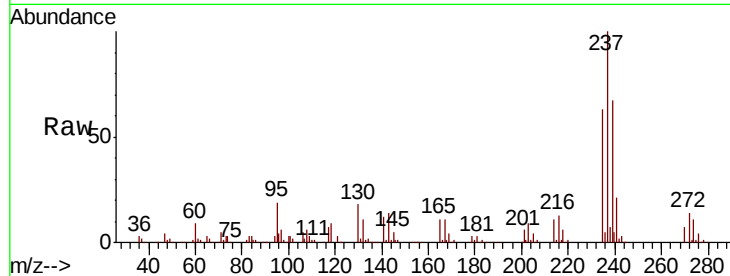
Tot Ion:237 Resp: 259742

Ion Ratio Lower Upper

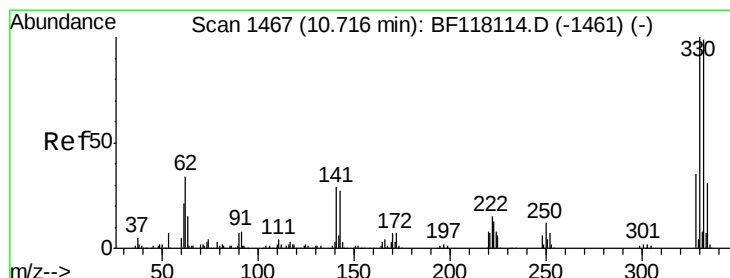
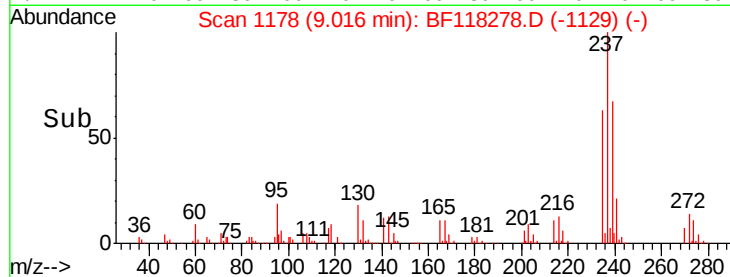
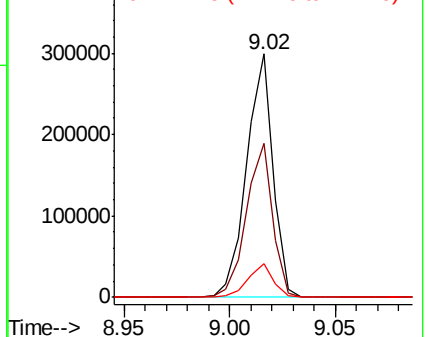
237 100

235 63.2 41.5 81.5

272 13.9 0.0 33.7



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: 108.120 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

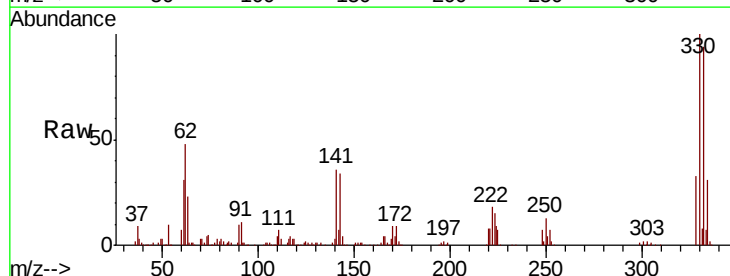
Tgt Ion:330 Resp: 331159

Ion Ratio Lower Upper

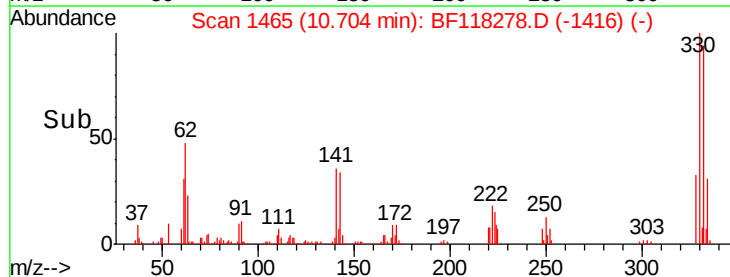
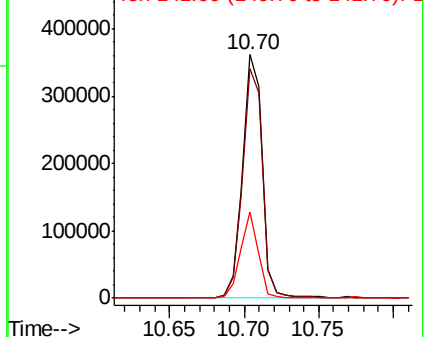
330 100

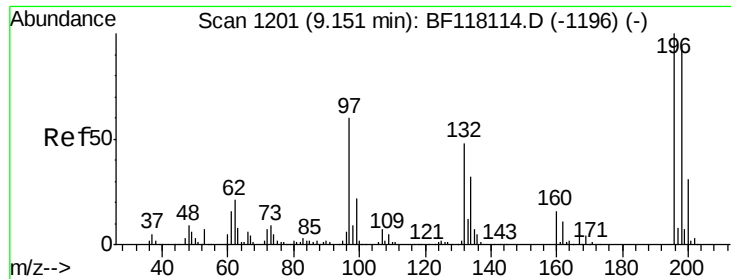
332 96.6 78.1 117.1

141 32.4 26.9 40.3



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

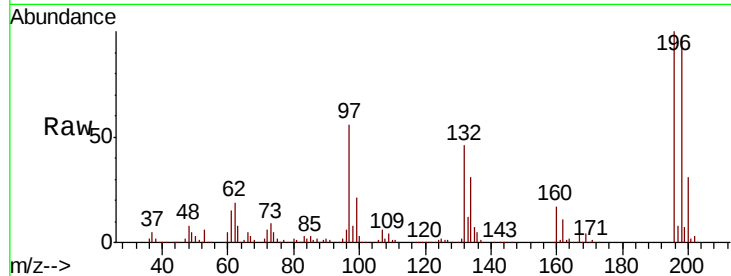




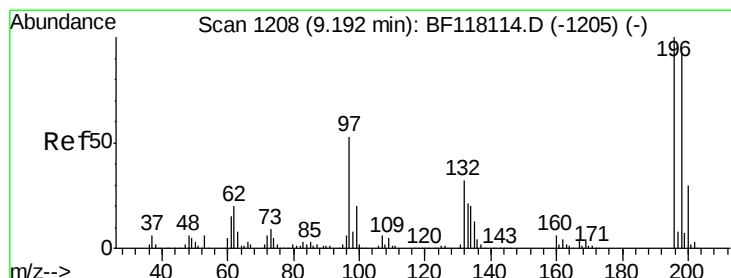
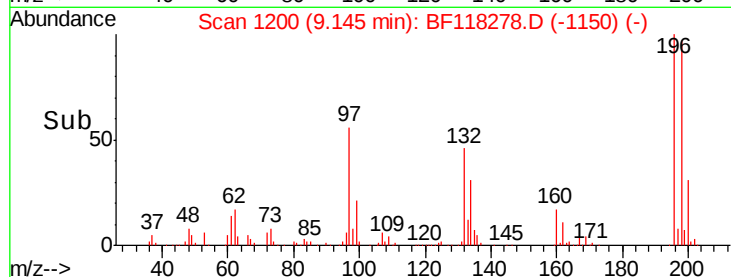
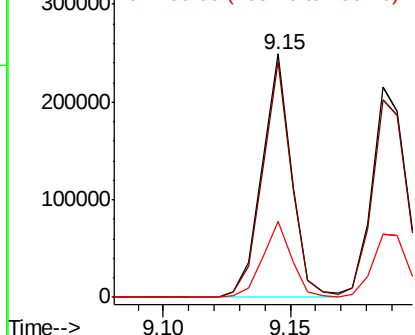
#43
 2,4,6-Trichlorophenol
 Concen: 40.024 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 204111
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.0 112.4
 200 31.2 24.5 36.7

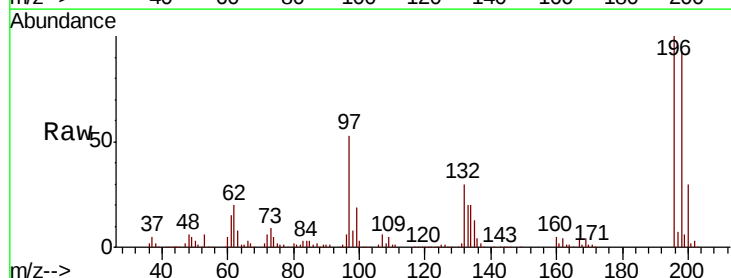


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

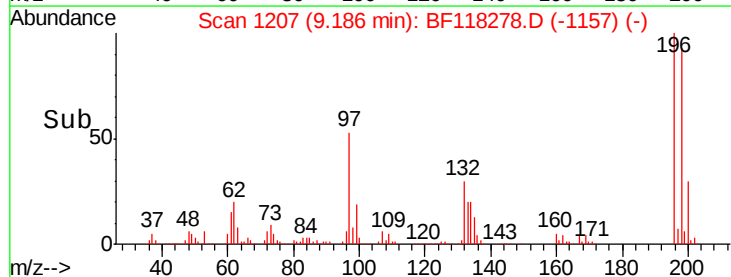
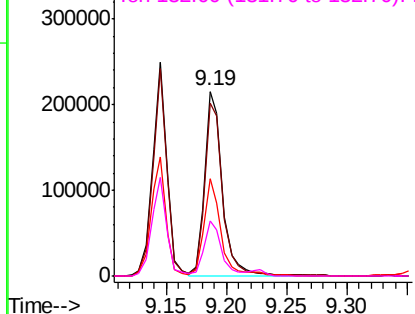


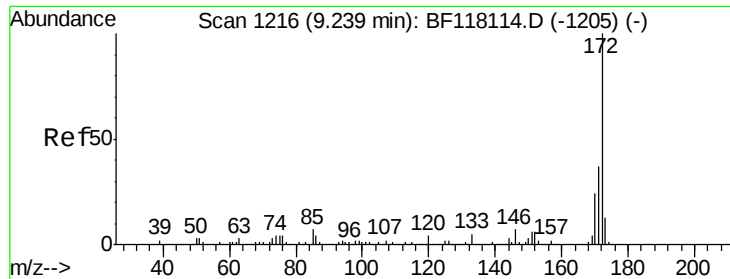
#44
 2,4,5-Trichlorophenol
 Concen: 41.426 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion:196 Resp: 218874
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 97 52.7 42.5 63.7
 132 29.9 25.4 38.2



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

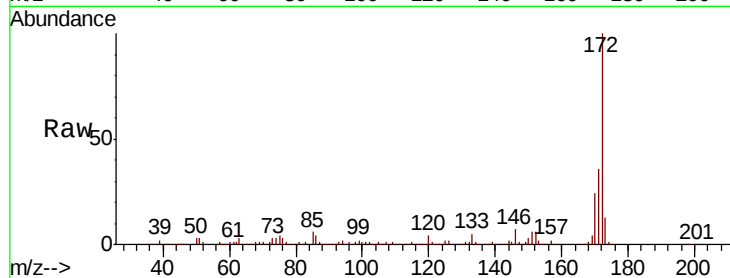




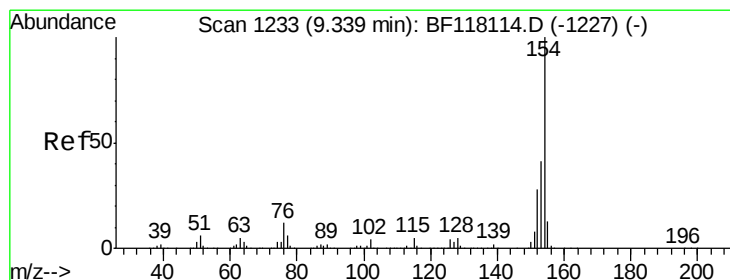
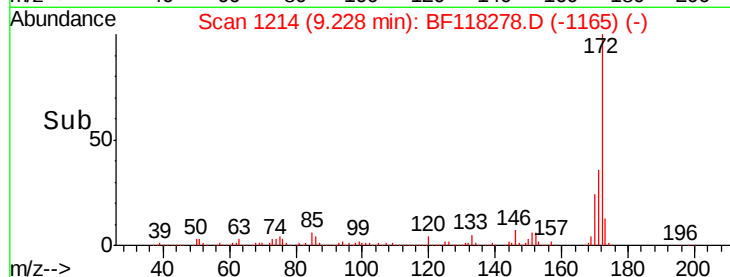
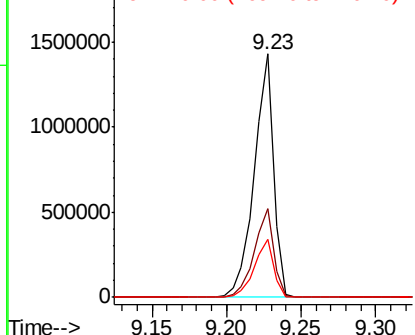
#45
2-Fluorobiphenyl
Concen: 77.124 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1277907
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 23.9 19.4 29.2

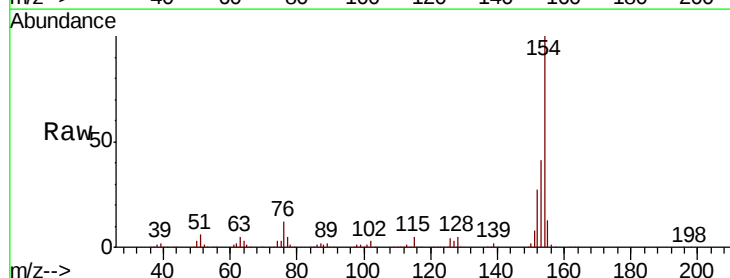


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

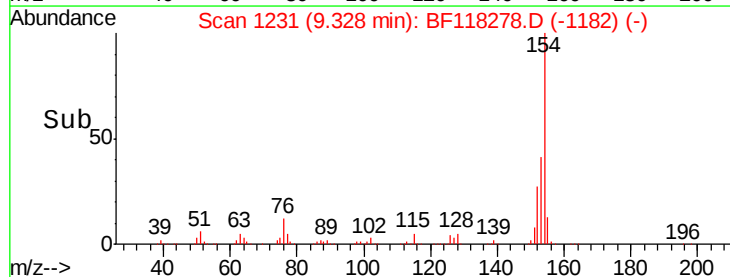
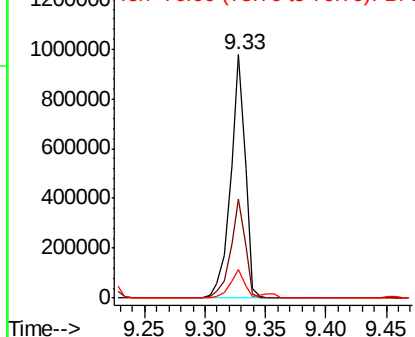


#46
1,1'-Biphenyl
Concen: 41.321 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:154 Resp: 821667
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 11.5 0.0 31.9



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

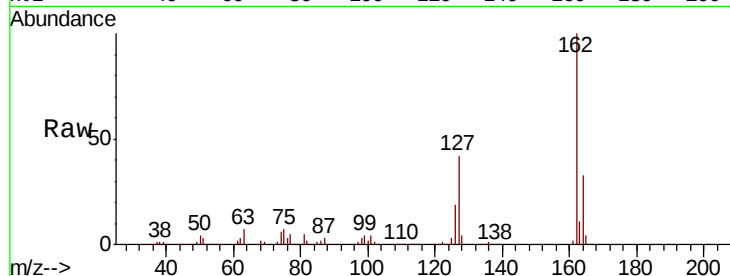




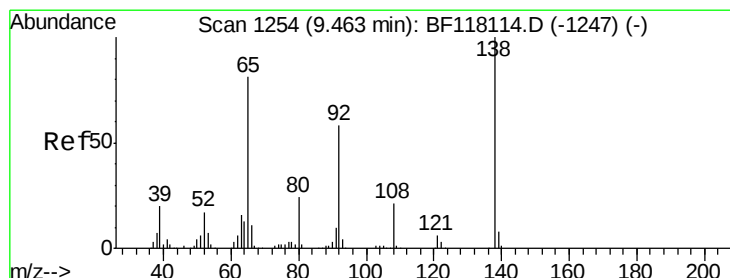
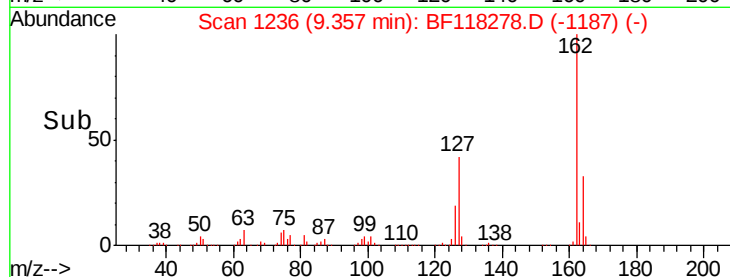
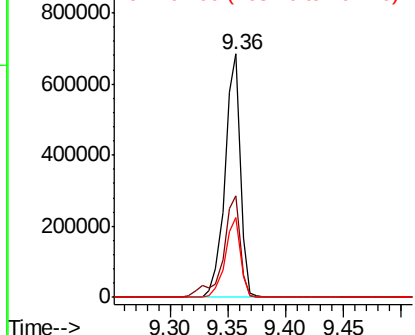
#47
2-Chloronaphthalene
Concen: 39.563 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.0	48.0
164	32.9	26.1	39.1

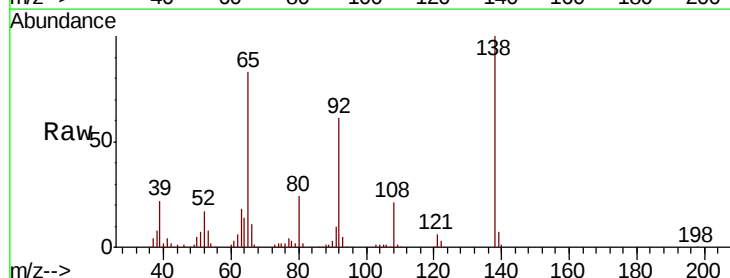


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

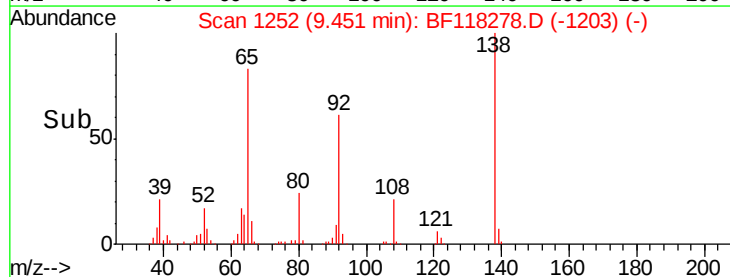
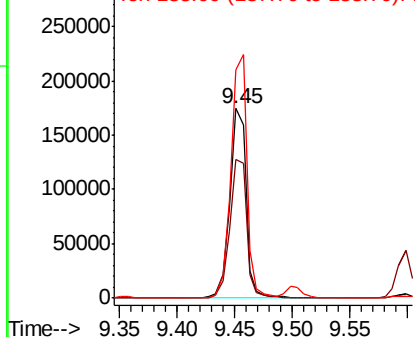


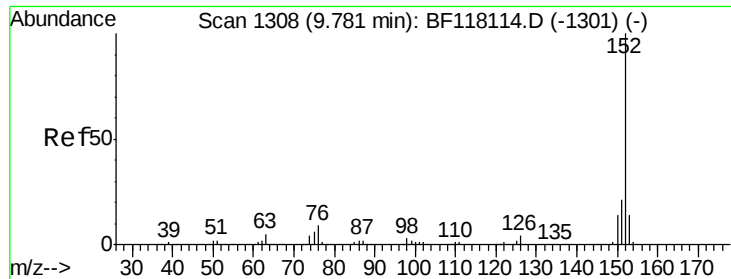
#48
2-Nitroaniline
Concen: 37.576 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.8	86.6
138	120.1	98.8	148.2



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: 42.425 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampled :

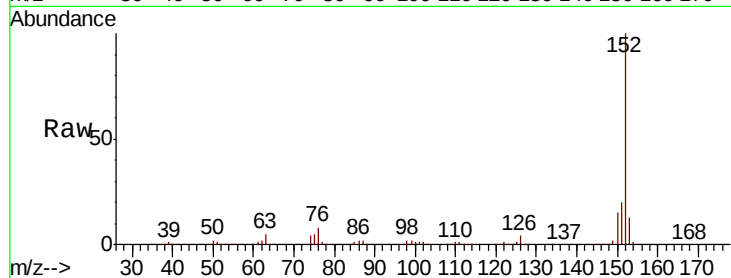
Tot Ion:152 Resp: 1000923

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

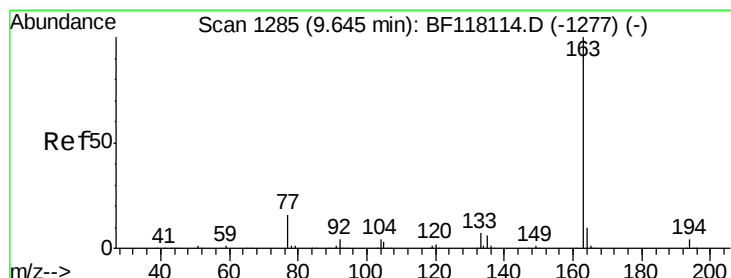
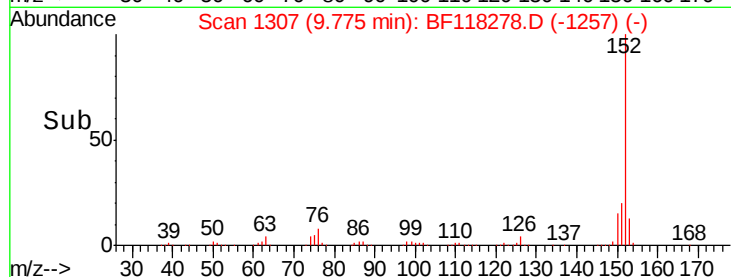
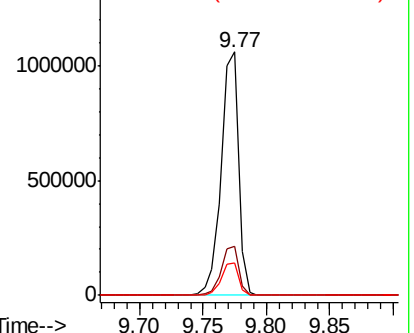
153 13.2 10.8 16.2



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: 40.405 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

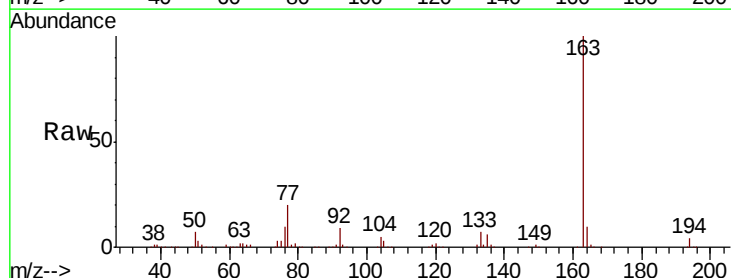
Tgt Ion:163 Resp: 752475

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

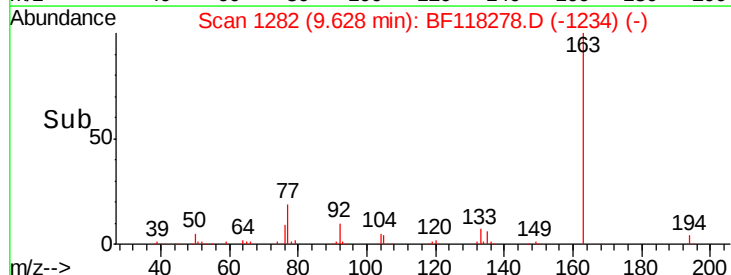
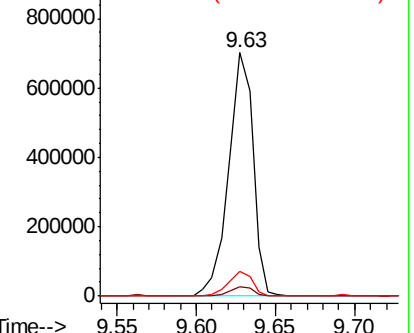
164 10.4 7.7 11.5

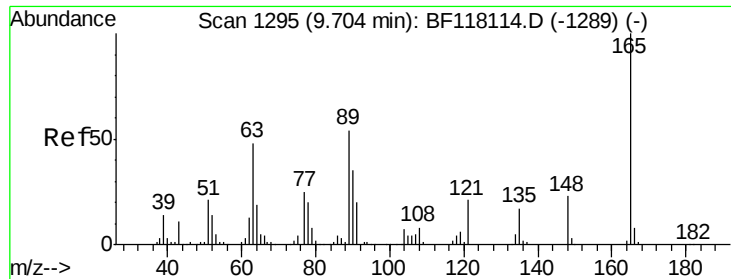


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

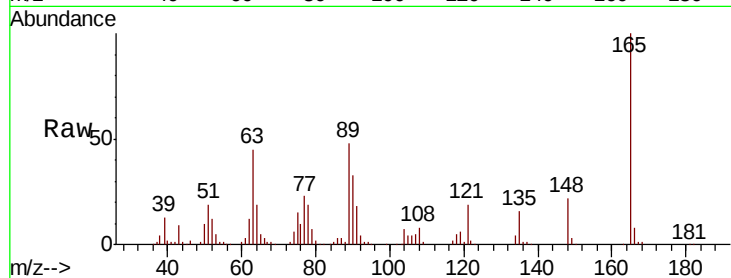




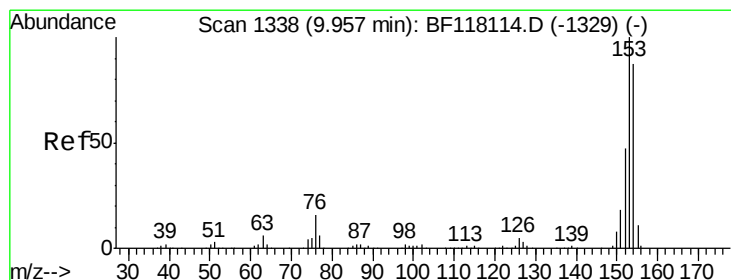
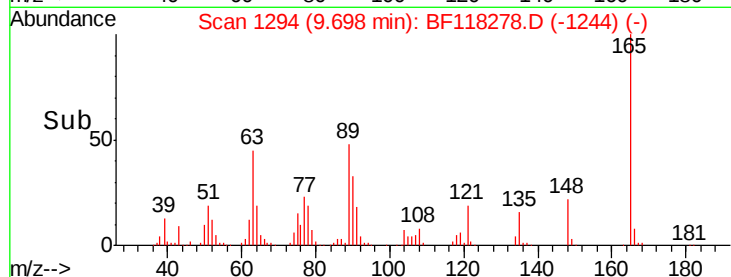
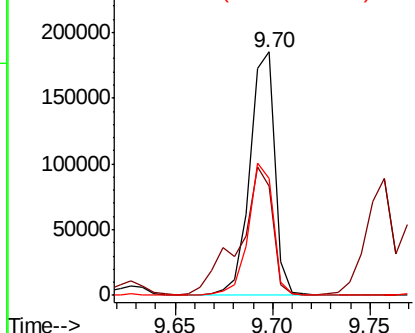
#51
2,6-Dinitrotoluene
Concen: 40.638 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	41.4	62.0
89	47.8	42.9	64.3

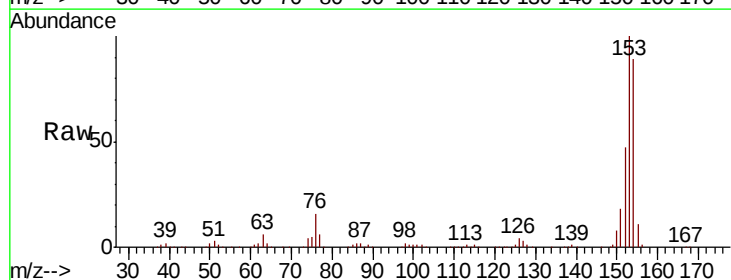


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

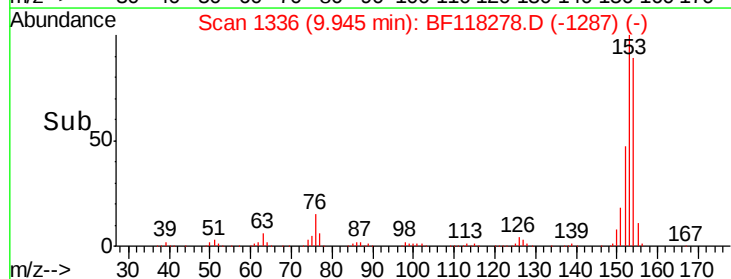
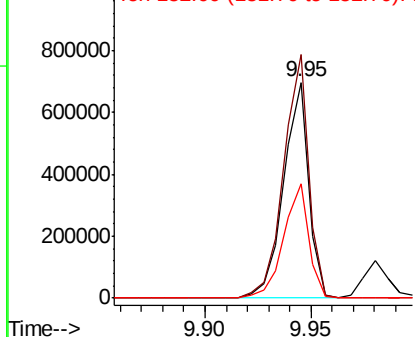


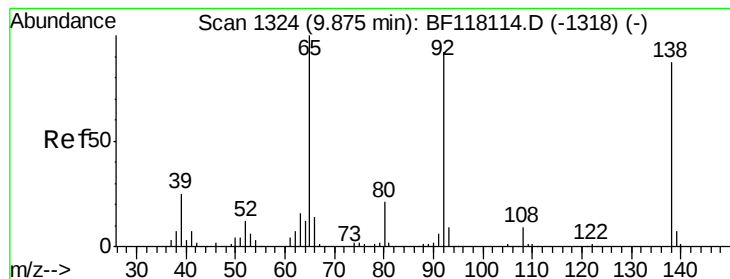
#52
Acenaphthene
Concen: 40.205 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.8	137.6
152	52.8	43.3	64.9



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





#53

3-Nitroaniline

Concen: 23.031 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

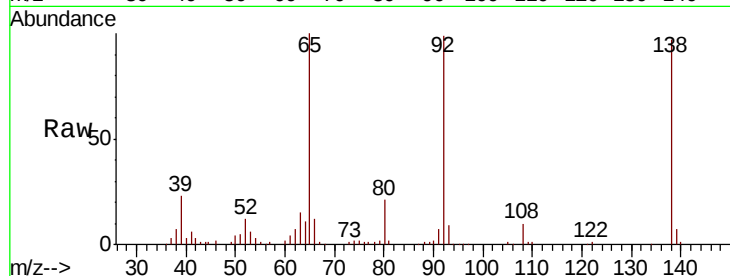
Tot Ion:138 Resp: 109757

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

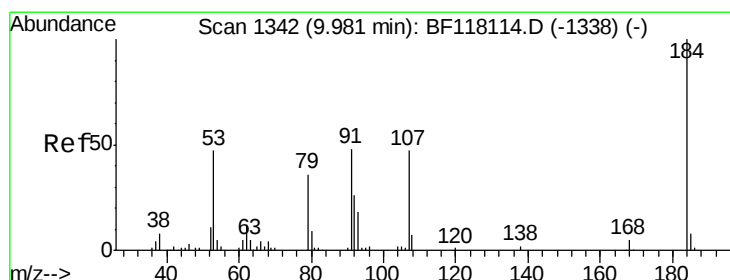
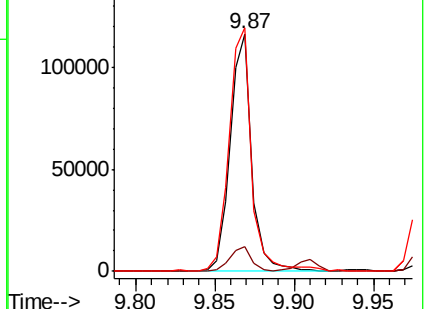
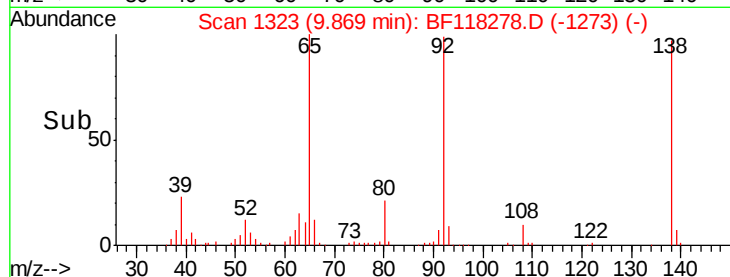
92 102.5 84.9 127.3



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: 77.538 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

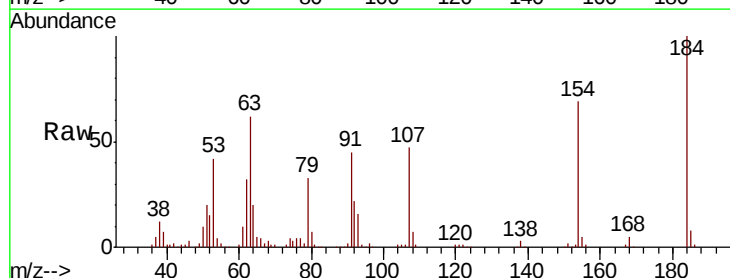
Tgt Ion:184 Resp: 156215

Ion Ratio Lower Upper

184 100

63 62.2 53.9 80.9

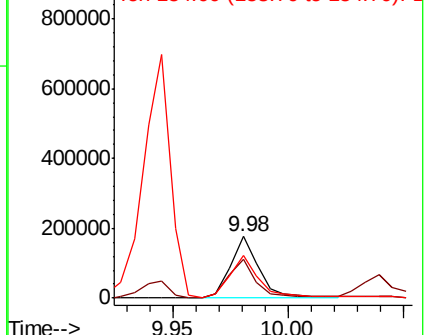
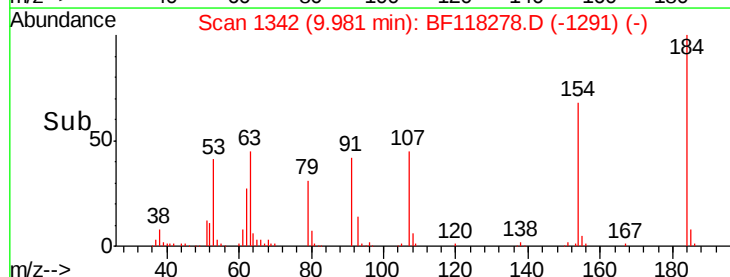
154 68.6 56.3 84.5

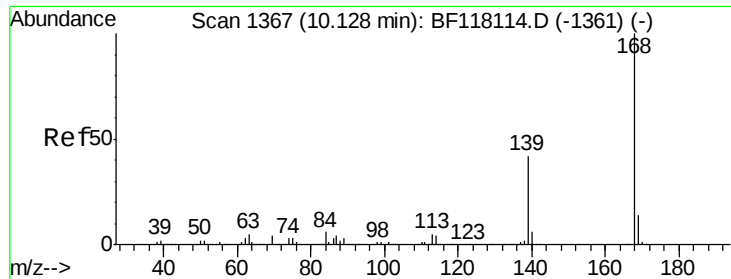


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

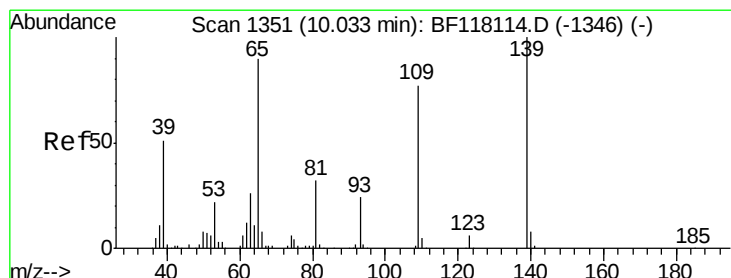
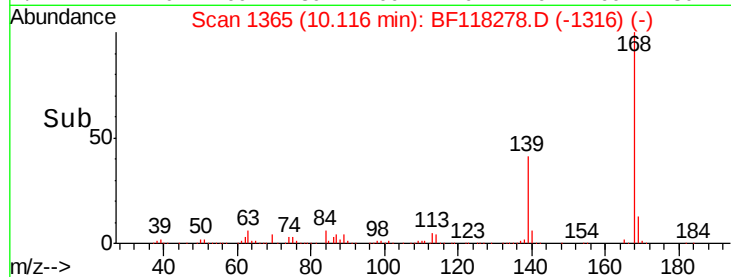
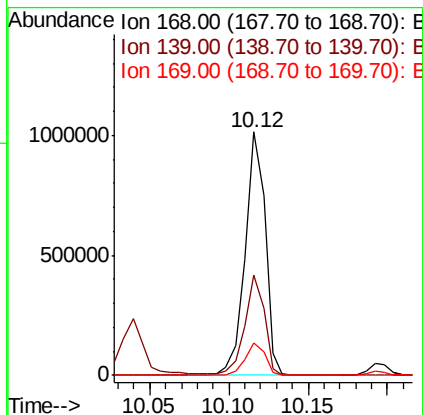
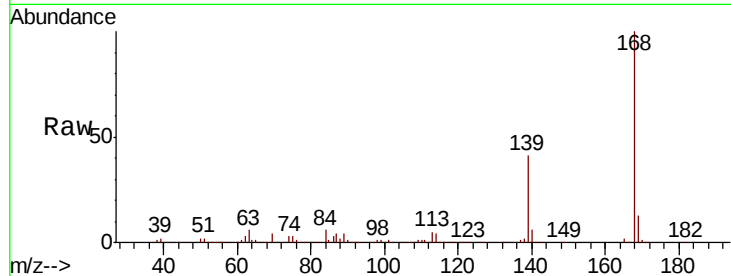




#55
Dibenzenofuran
Concen: 42.055 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

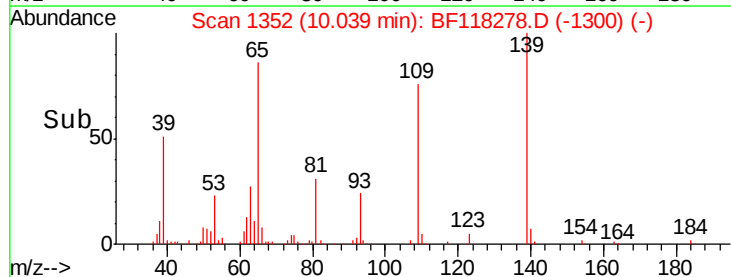
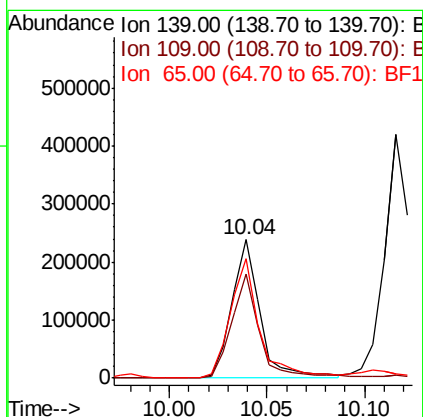
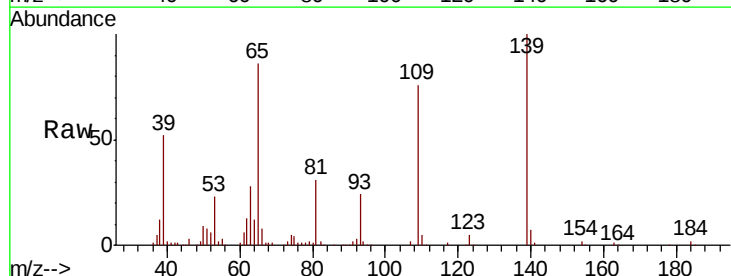
Instrument :
BNA_F
ClientSampleId :

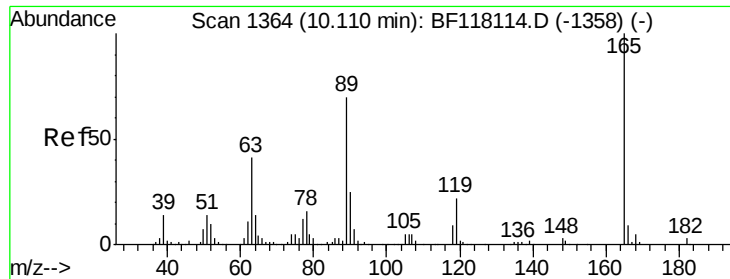
Tot Ion:168 Resp: 887366
Ion Ratio Lower Upper
168 100
139 41.4 33.4 50.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 72.698 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:139 Resp: 240434
Ion Ratio Lower Upper
139 100
109 75.7 57.3 97.3
65 86.2 70.2 110.2

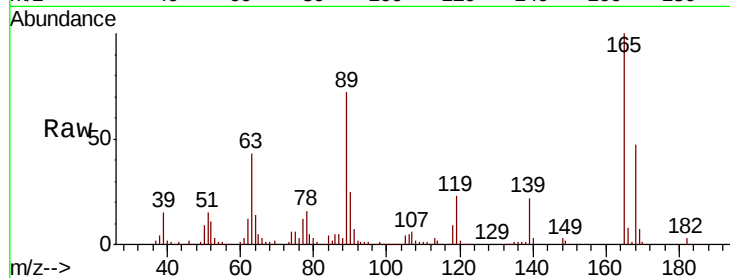




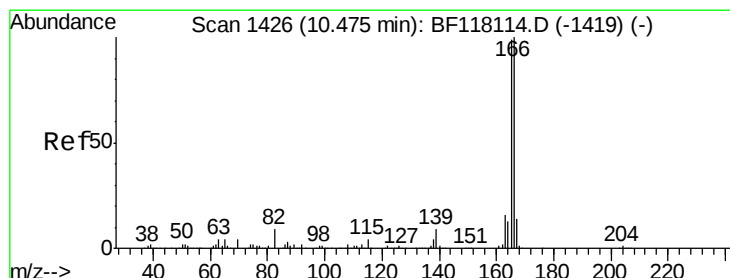
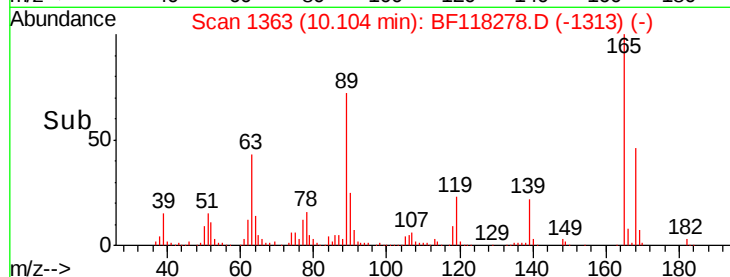
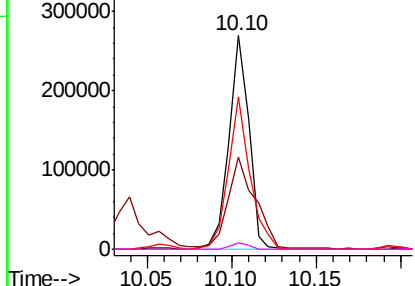
#57
2,4-Dinitrotoluene
Concen: 40.736 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	220179
Ion Ratio	Lower	Upper
165	100	
63	43.3	32.6 49.0
89	71.6	56.1 84.1
182	2.9	2.1 3.1

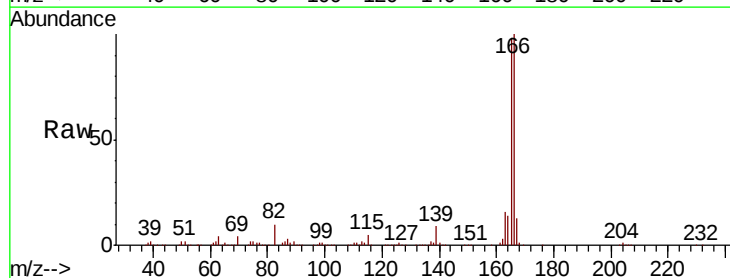


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

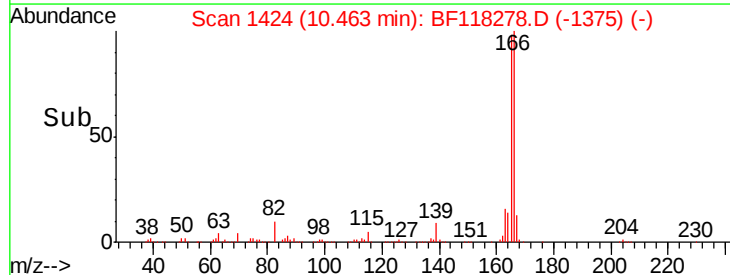
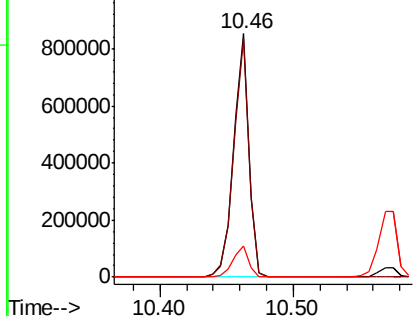


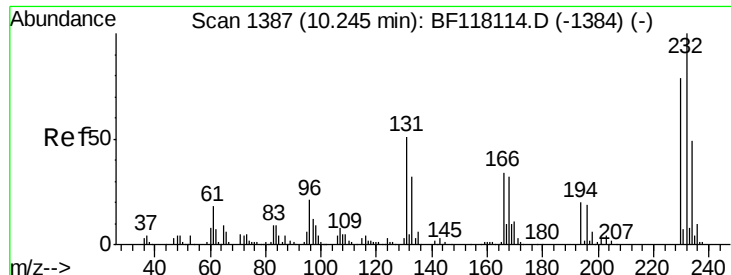
#58
Fluorene
Concen: 41.224 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:166	Resp:	691257
Ion Ratio	Lower	Upper
166	100	
165	97.9	79.0 118.4
167	12.9	10.9 16.3



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

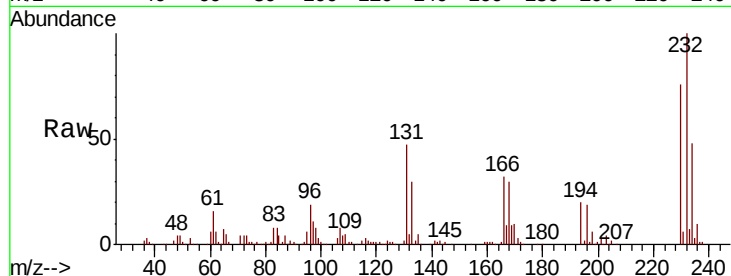




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.521 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.8	58.2
130	2.6	1.9	2.9
166	31.7	25.4	38.0



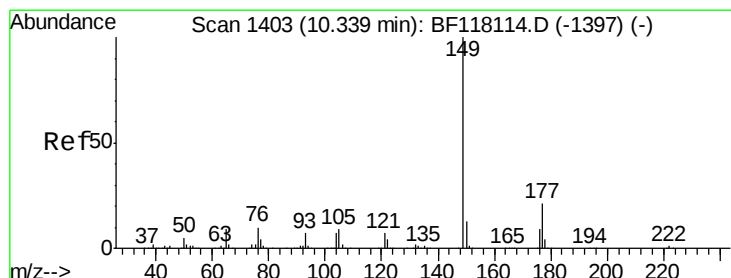
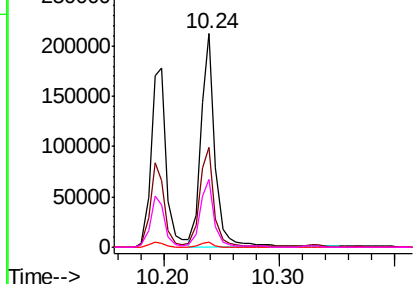
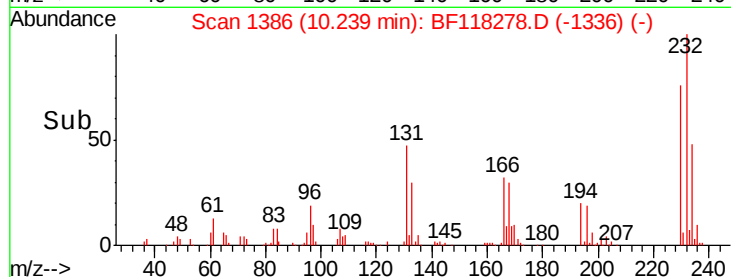
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

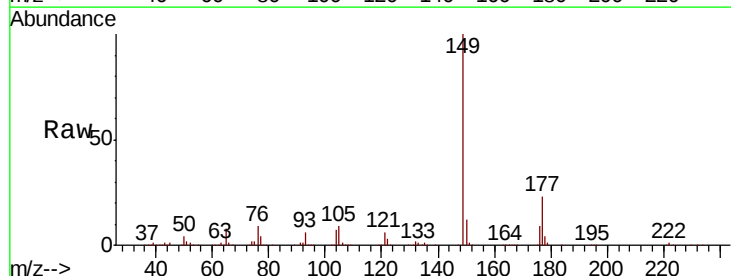
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.834 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.4
150	12.3	10.1	15.1

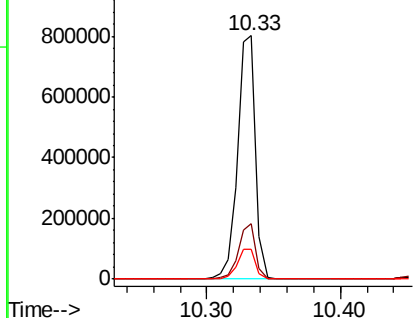
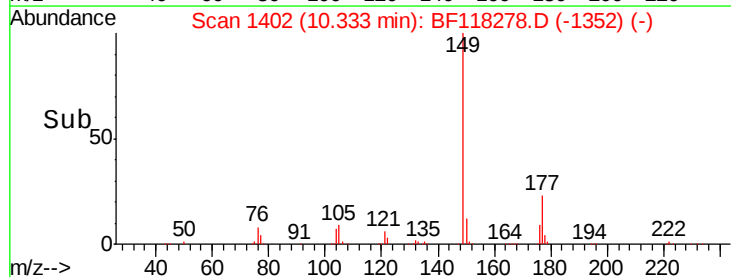


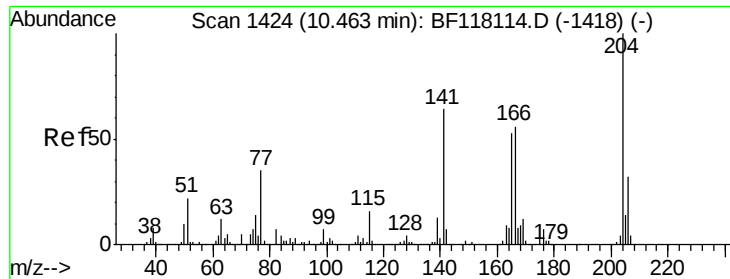
Abundance

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

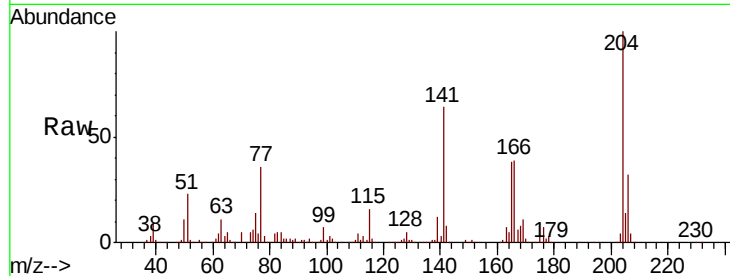




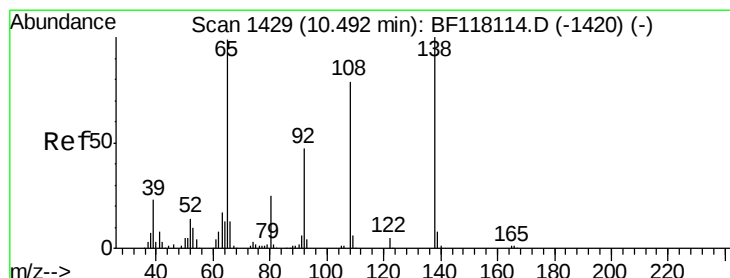
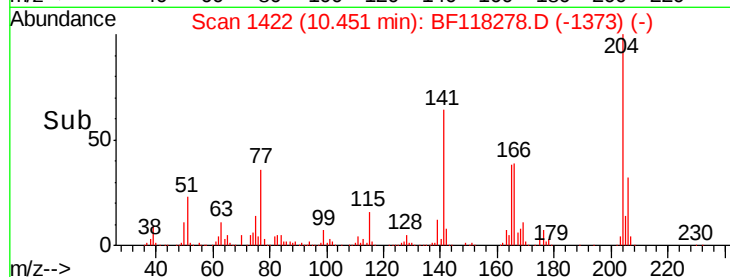
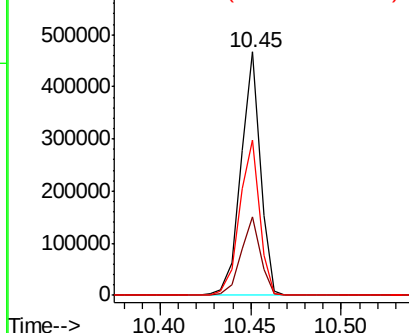
#61
 4-Chlorophenyl-phenylether
 Concen: 41.124 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 346962
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.0 39.0
 141 64.0 51.0 76.6

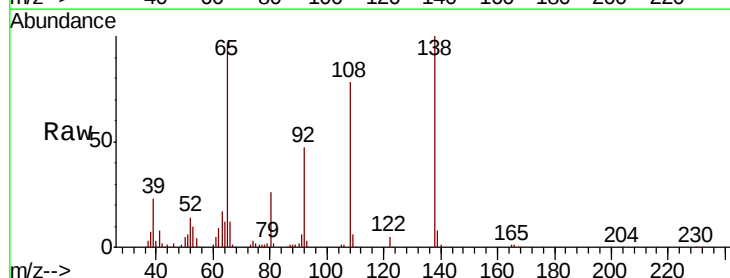


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

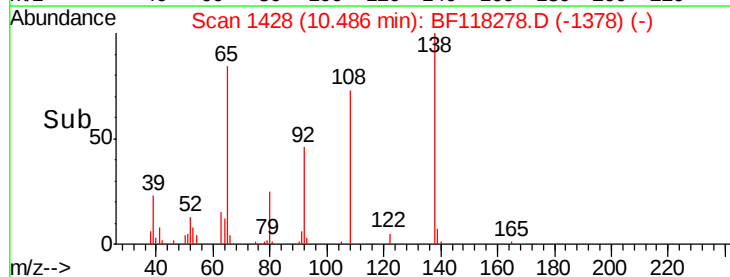
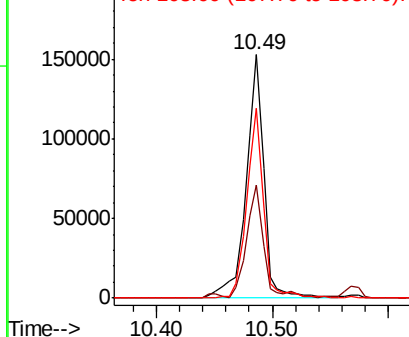


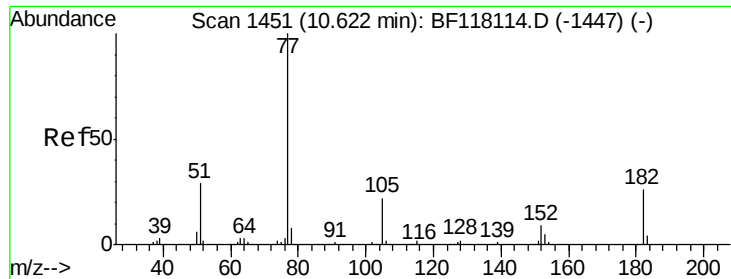
#62
 4-Nitroaniline
 Concen: 32.806 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118278.D
 Acq: 19 Dec 2019 14:38

Tgt Ion:138 Resp: 163058
 Ion Ratio Lower Upper
 138 100
 92 46.5 27.1 67.1
 108 77.9 59.0 99.0



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





#63

Azobenzene

Concen: 41.477 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 649677

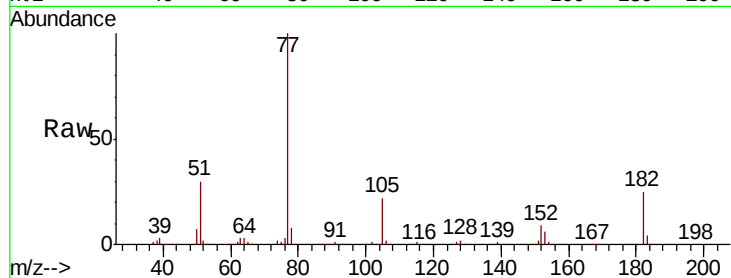
Ion Ratio Lower Upper

77 100

182 25.0 5.7 45.7

105 22.0 2.2 42.2

51 29.8 9.6 49.6

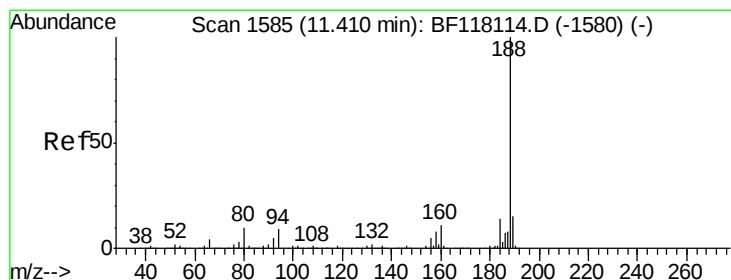
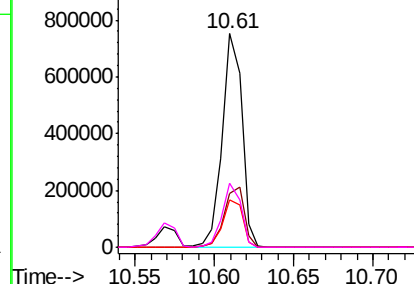
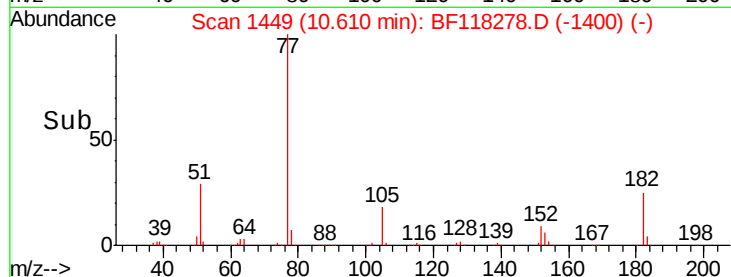


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

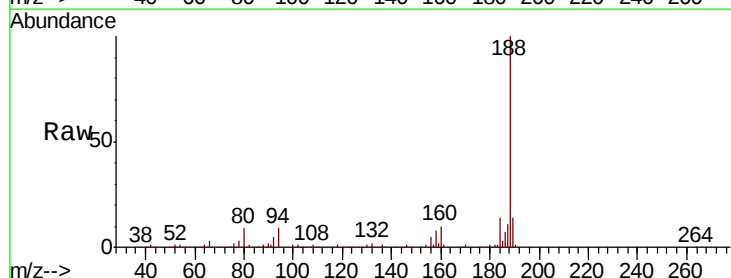
Tgt Ion: 188 Resp: 472492

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

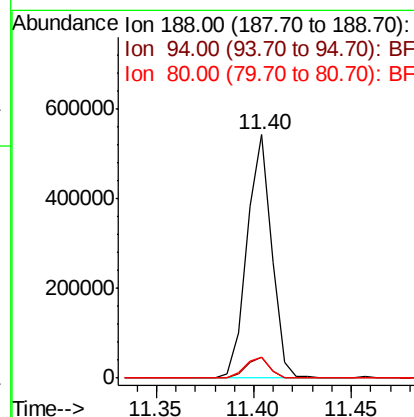
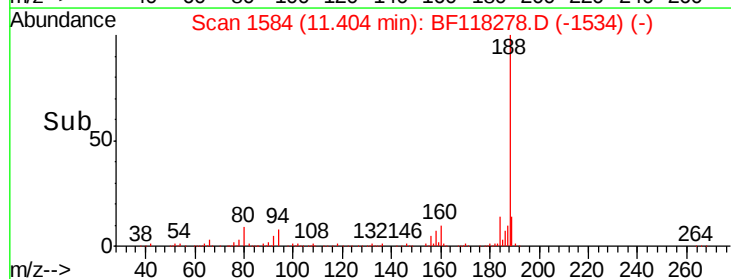
80 8.7 7.9 11.9

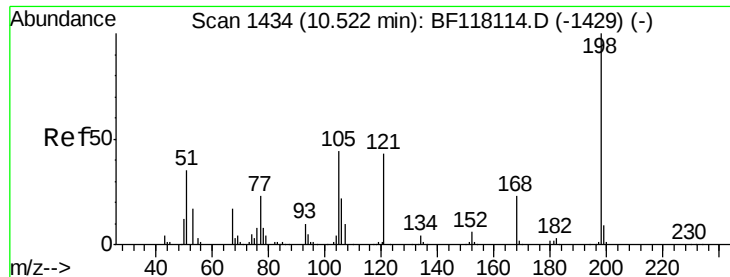


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 43.374 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

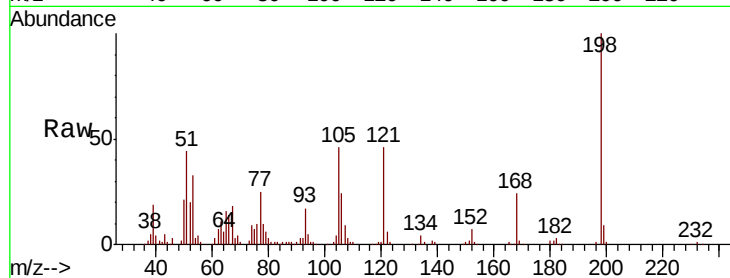
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 113177

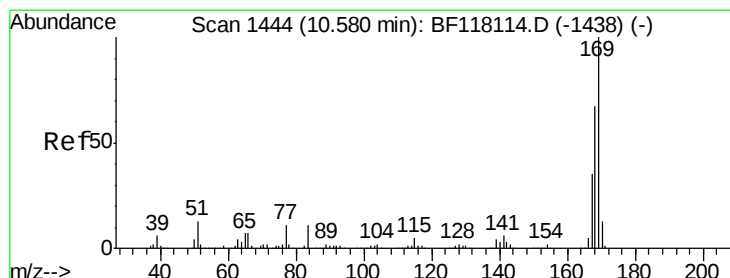
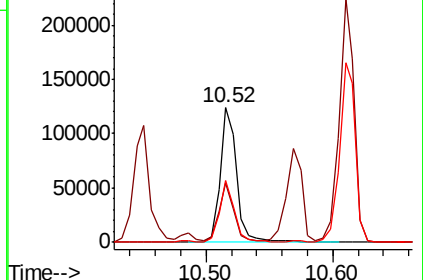
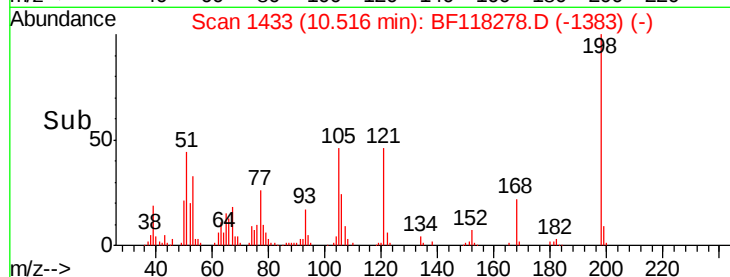
Ion	Ratio	Lower	Upper
198	100		
51	44.2	22.0	62.0
105	46.2	25.6	65.6



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: 41.586 ng

RT: 10.57 min Scan# 1443

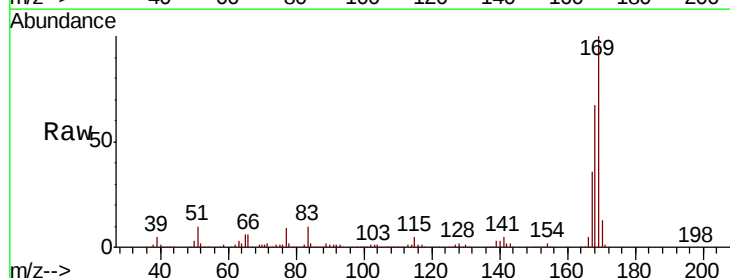
Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Tgt Ion:169 Resp: 613604

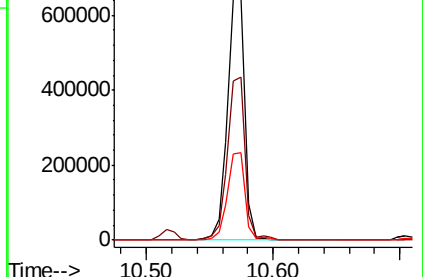
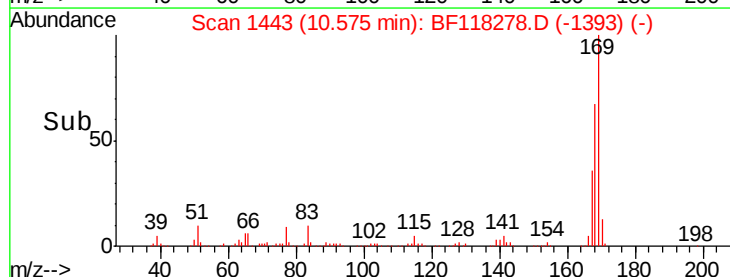
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	35.8	28.4	42.6

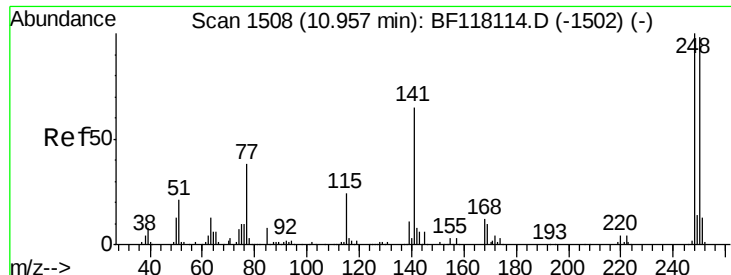


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

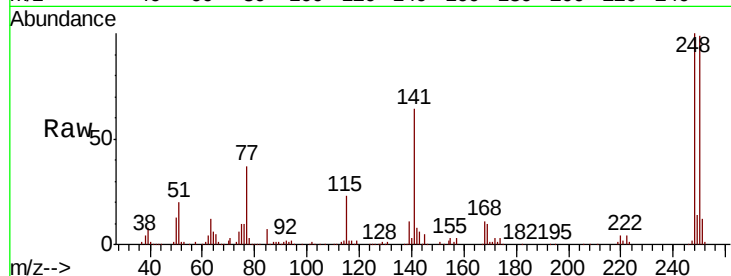




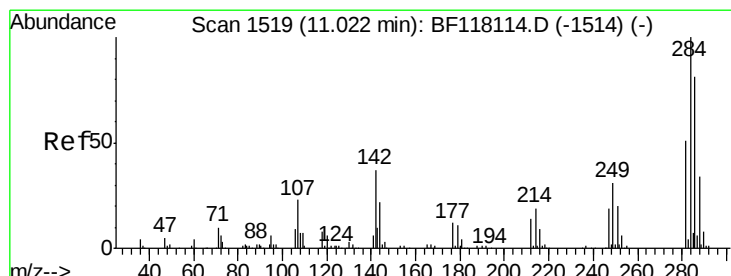
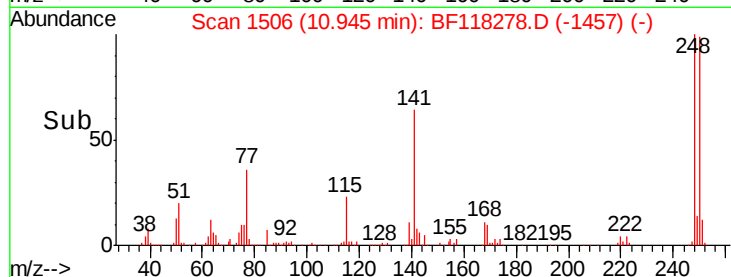
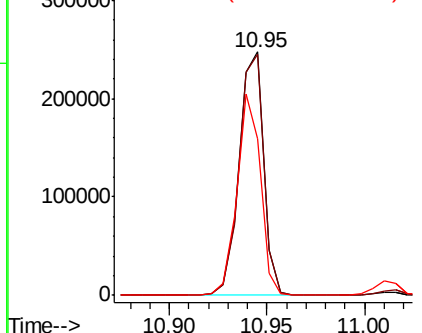
#67
4-Bromophenyl-phenylether
Concen: 40.201 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 216827
Ion Ratio Lower Upper
248 100
250 99.3 78.3 117.5
141 64.4 52.2 78.4

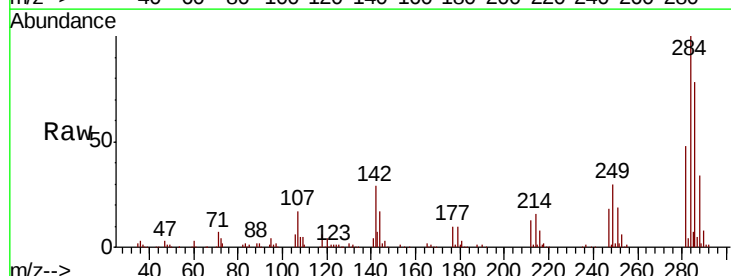


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

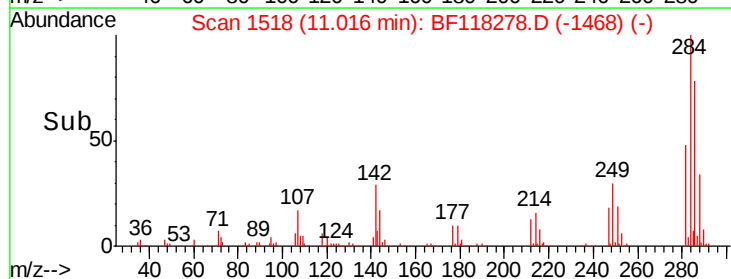
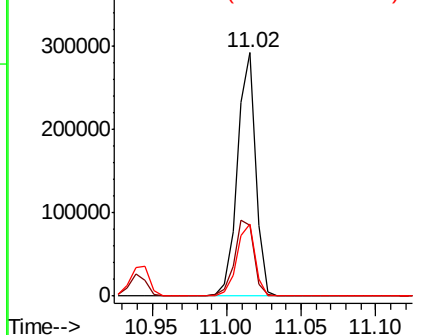


#68
Hexachlorobenzene
Concen: 39.487 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:284 Resp: 250676
Ion Ratio Lower Upper
284 100
142 29.2 29.7 44.5#
249 29.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

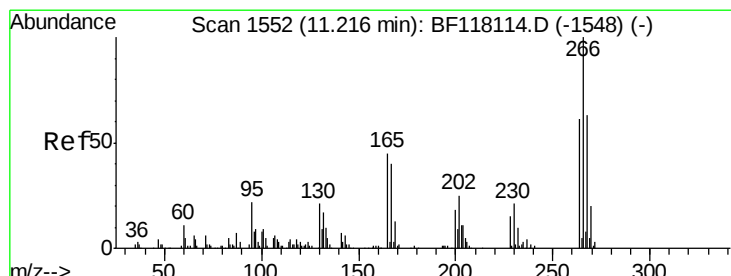
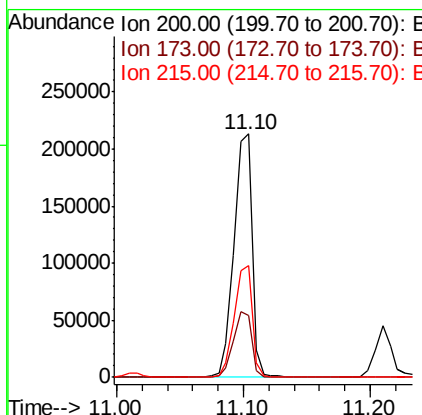
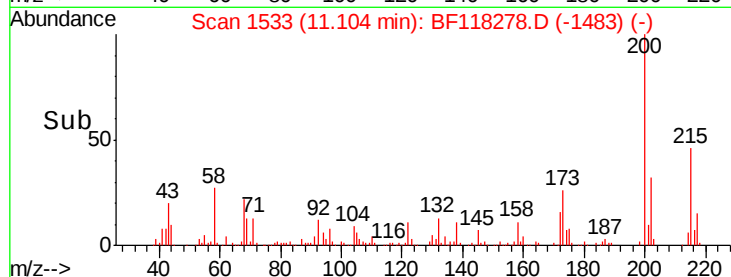
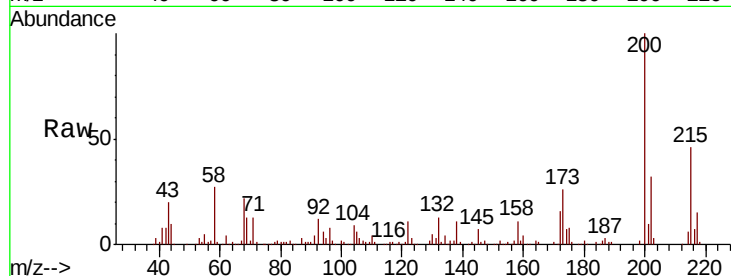




#69
Atrazine
Concen: 60.695 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

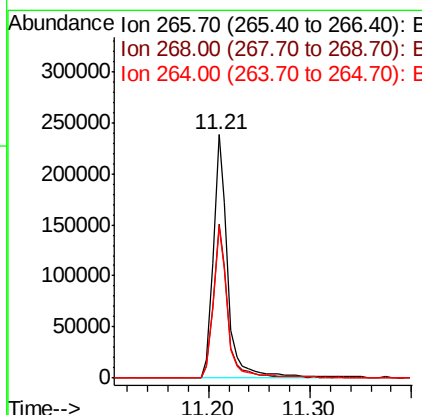
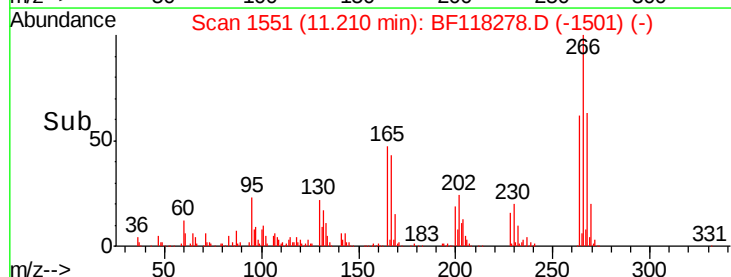
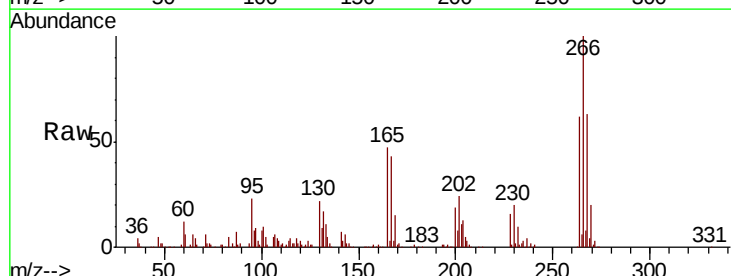
Instrument :
BNA_F
ClientSampled :

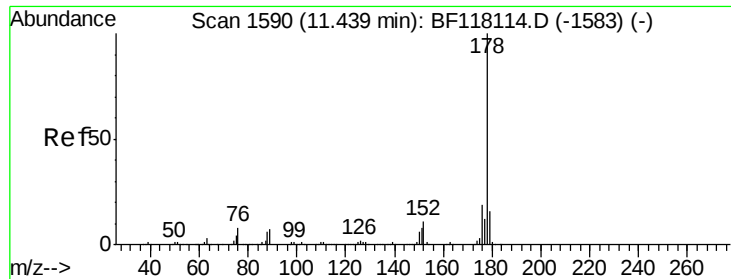
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	8.1	48.1
215	46.2	29.0	69.0



#70
Pentachlorophenol
Concen: 79.660 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	62.2	48.7	73.1

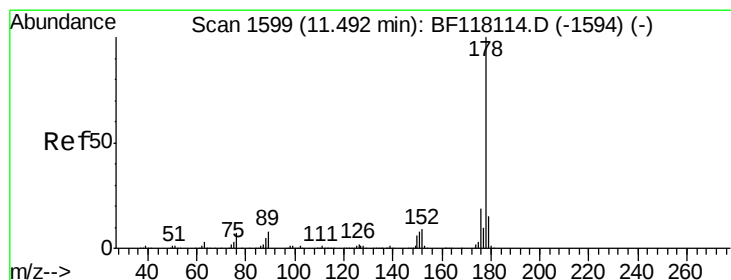
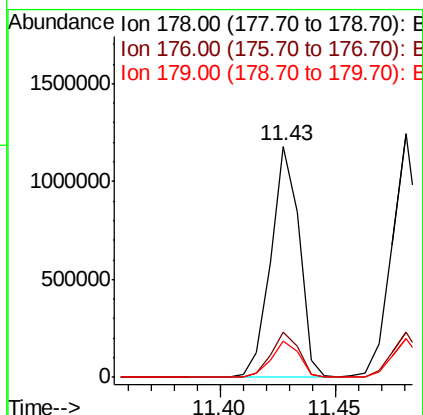
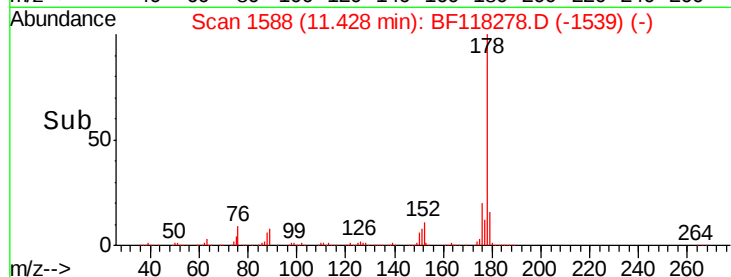
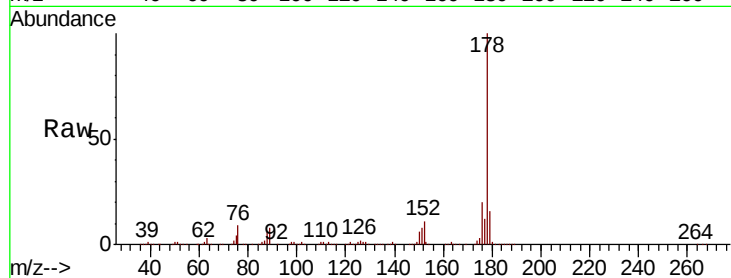




#71
Phenanthrene
Concen: 40.133 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

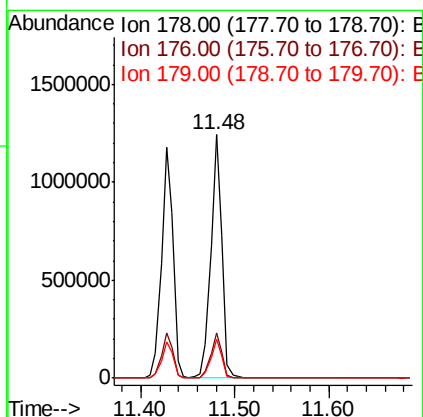
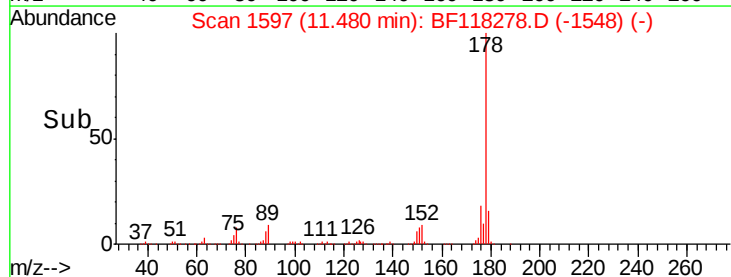
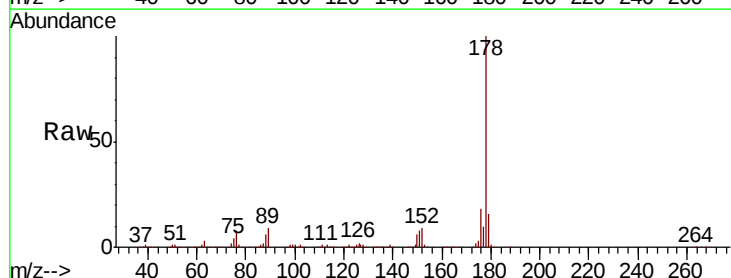
Instrument :
BNA_F
ClientSampleId :

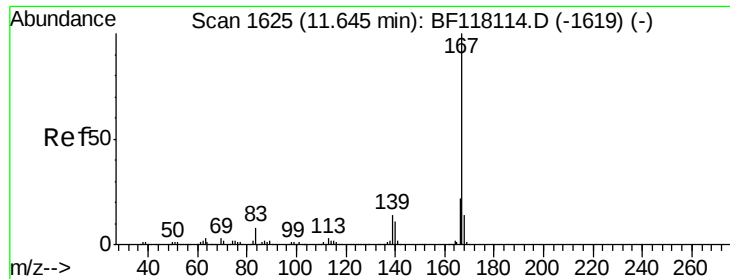
Tot Ion:178 Resp: 1008028
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.6 18.8



#72
Anthracene
Concen: 41.698 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:178 Resp: 1044784
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.9 12.2 18.4





#73

Carbazole

Concen: 38.917 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

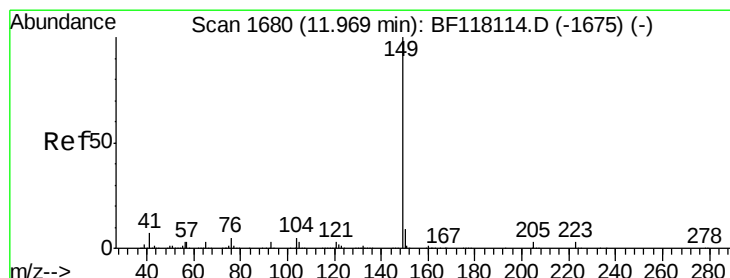
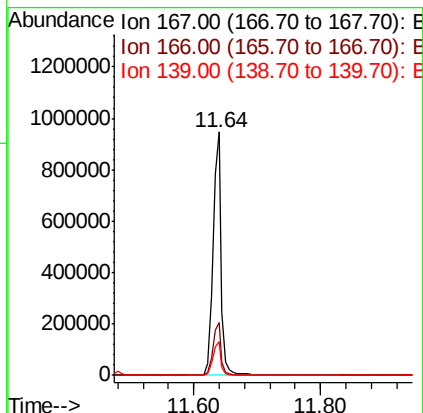
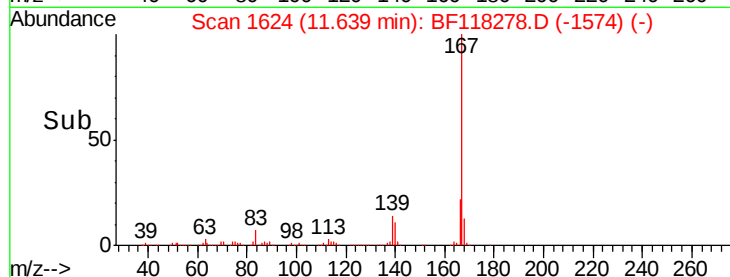
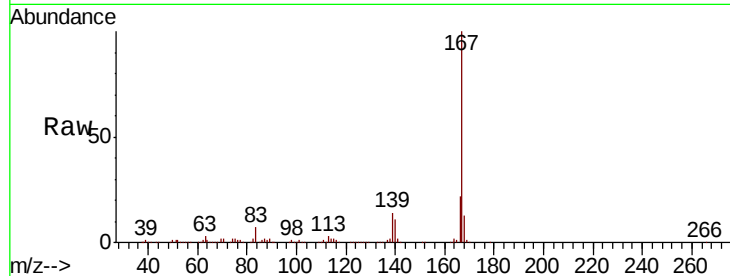
Tot Ion:167 Resp: 874897

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.7 11.4 17.0



#74

Di-n-butylphthalate

Concen: 41.541 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

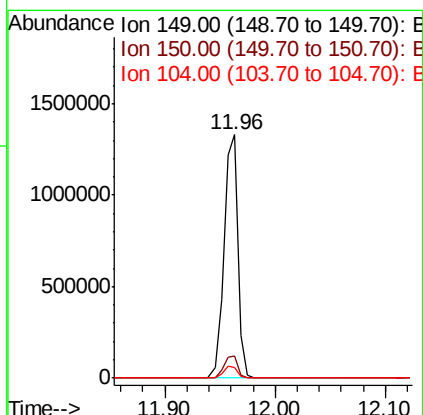
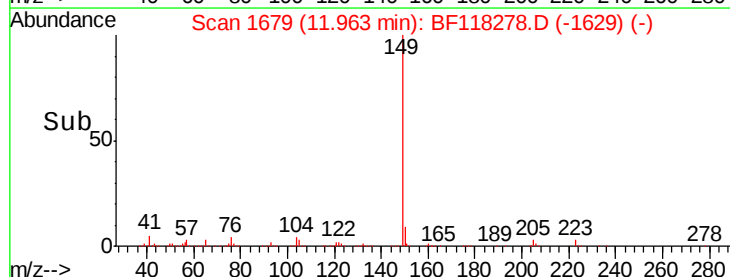
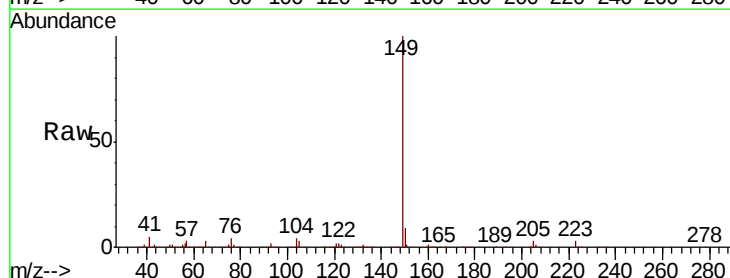
Tgt Ion:149 Resp: 1168764

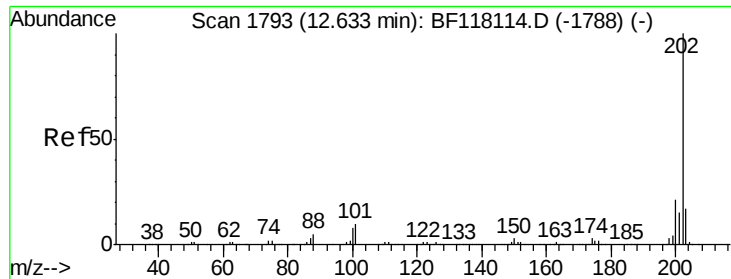
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.5 4.3 6.5

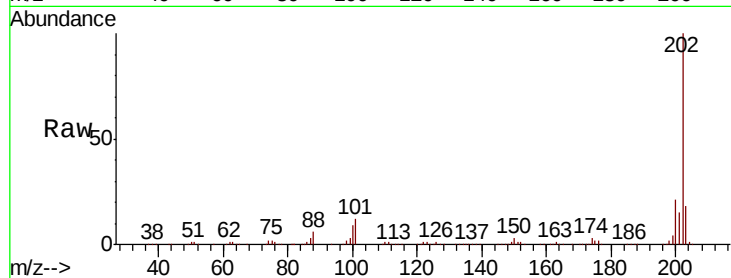




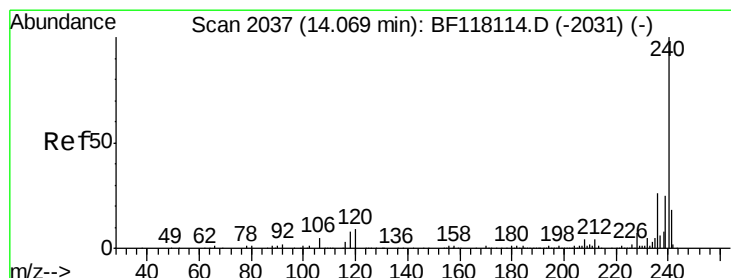
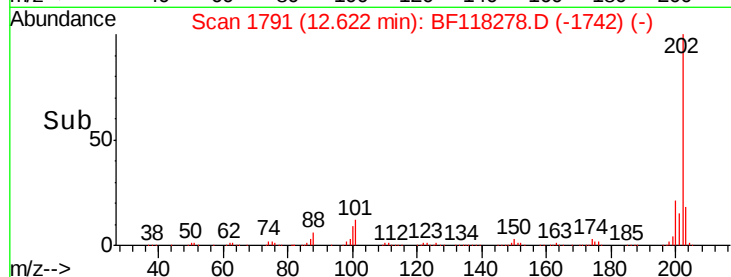
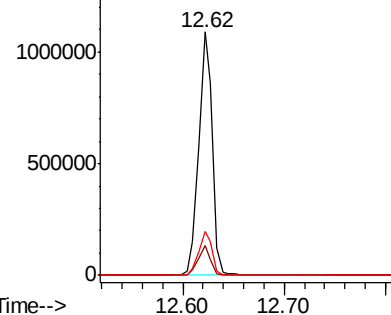
#75
Fluoranthene
Concen: 39.412 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1012084
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.4
203 17.9 0.0 37.2

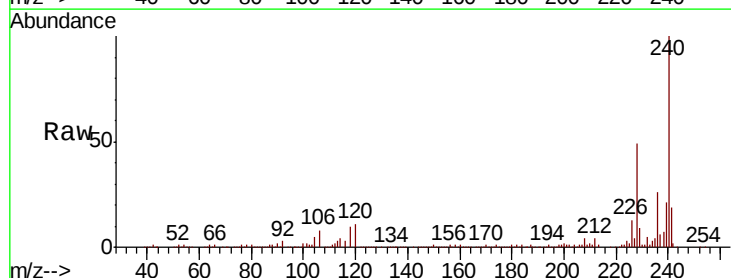


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

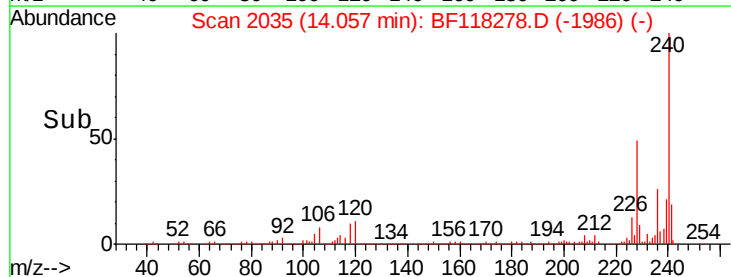
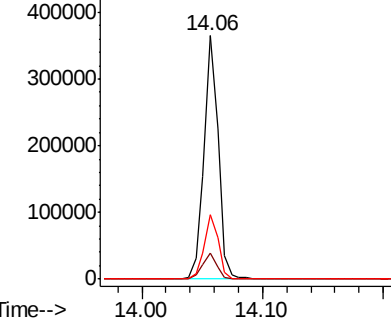


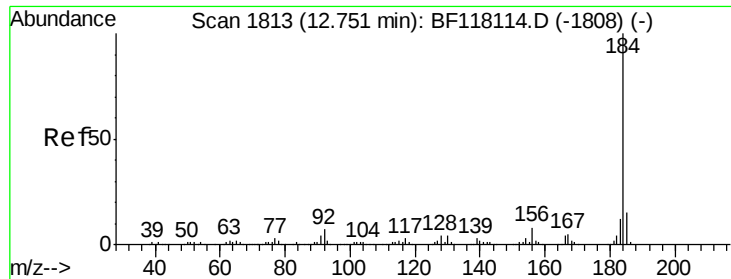
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:240 Resp: 292171
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.3 21.0 31.6



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: 34.331 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

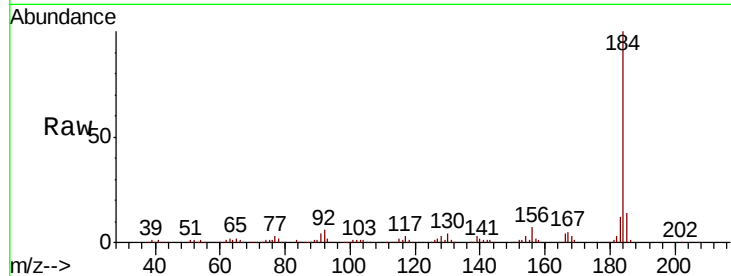
Tot Ion:184 Resp: 264053

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

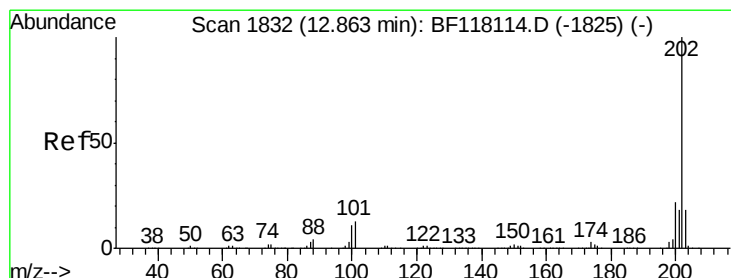
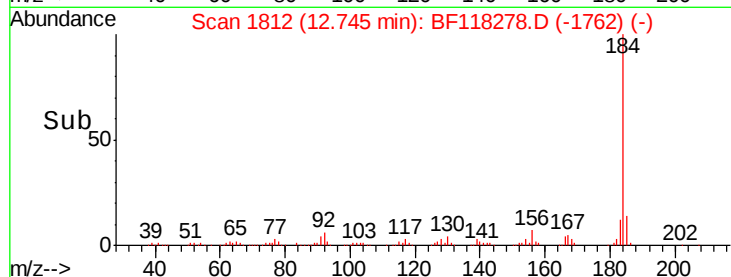
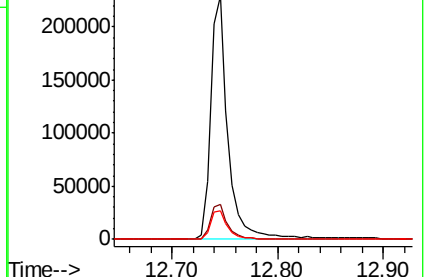
183 11.8 9.9 14.9



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: 43.662 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

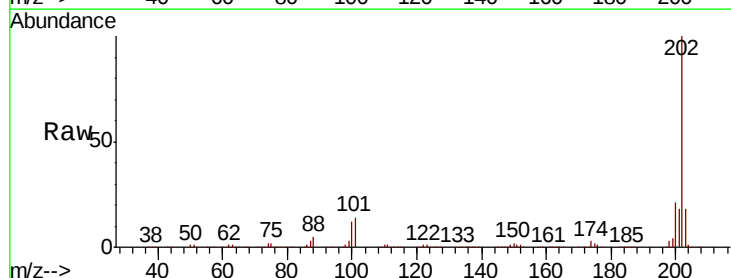
Tgt Ion:202 Resp: 1005299

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

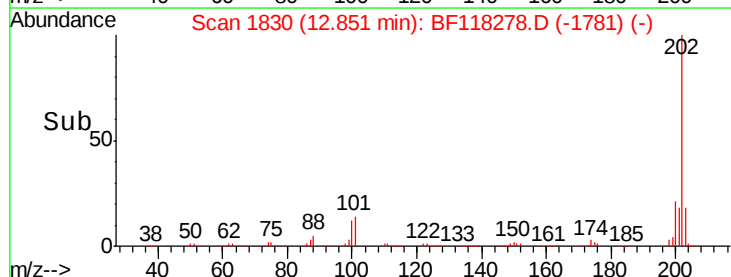
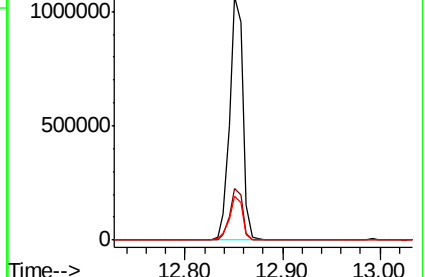
203 18.1 14.6 21.8

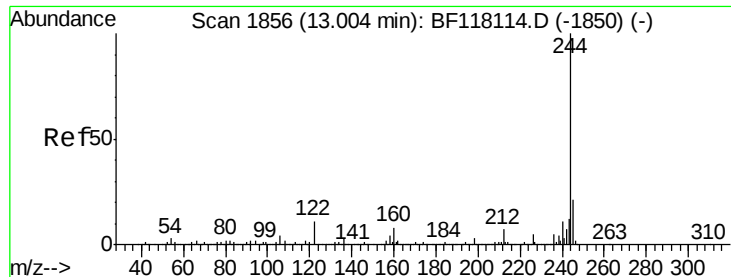


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.914 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

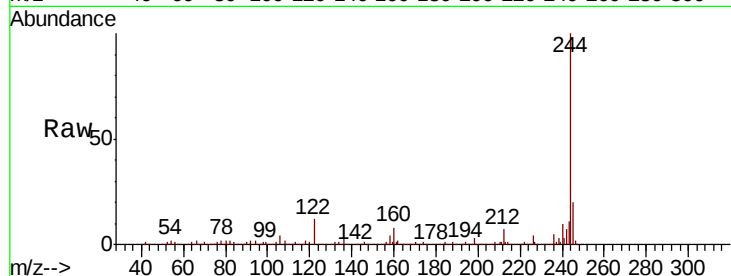
Tot Ion:244 Resp: 1442716

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

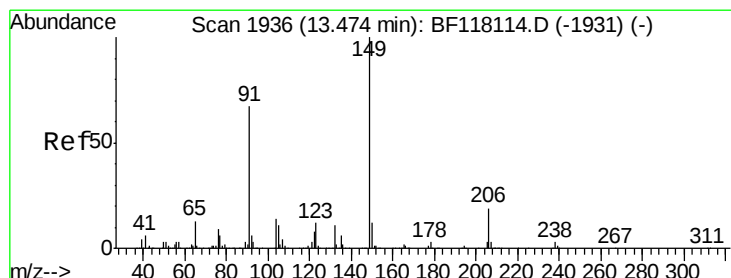
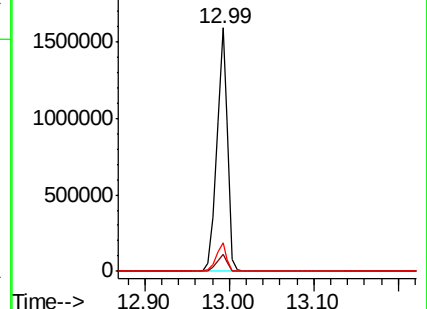
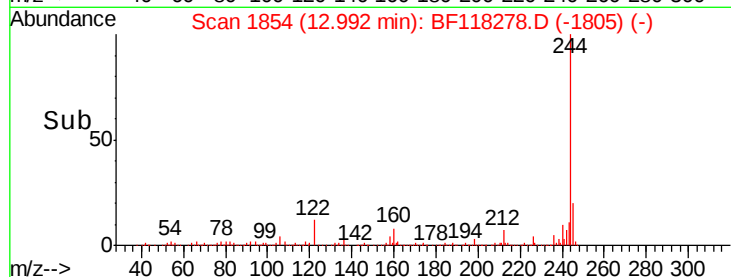
122 11.9 9.0 13.6



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: 42.442 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

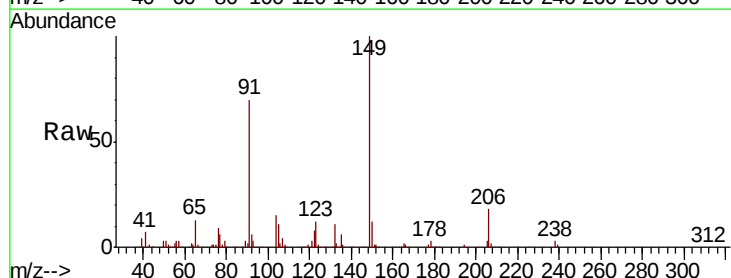
Tgt Ion:149 Resp: 442553

Ion Ratio Lower Upper

149 100

91 69.6 53.9 80.9

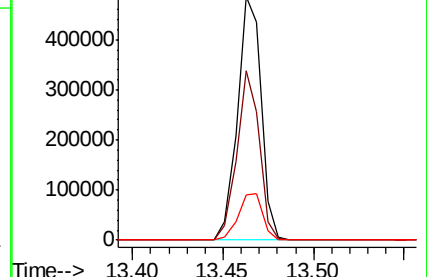
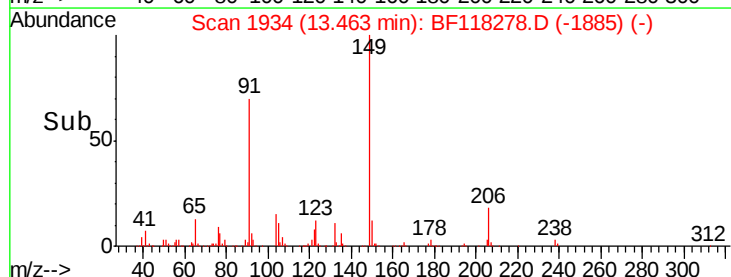
206 18.4 15.2 22.8



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: 39.651 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

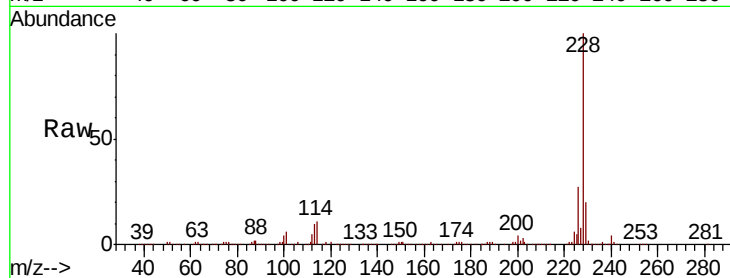
Tot Ion:228 Resp: 801060

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

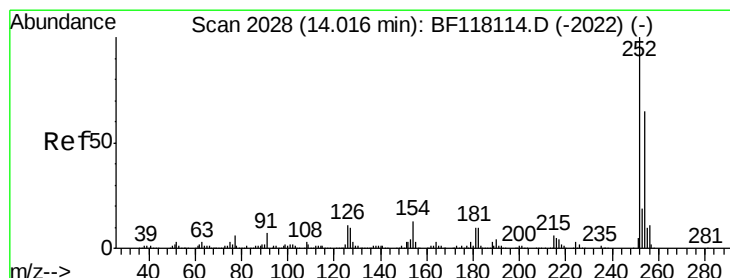
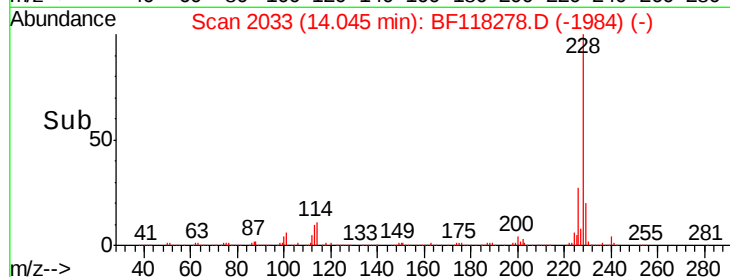
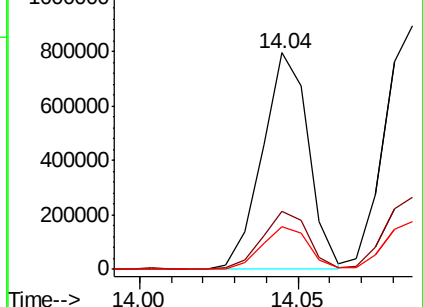
229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.841 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

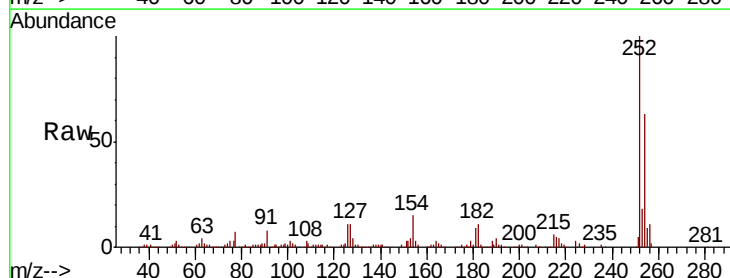
Tgt Ion:252 Resp: 224538

Ion Ratio Lower Upper

252 100

254 62.5 52.2 78.4

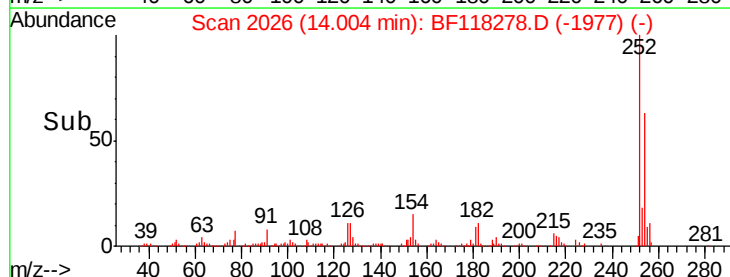
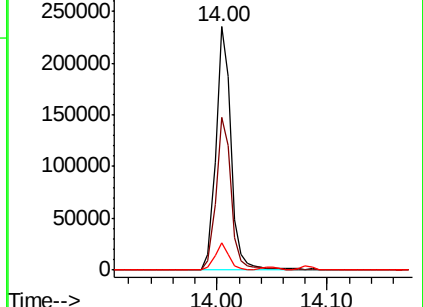
126 11.1 8.6 13.0

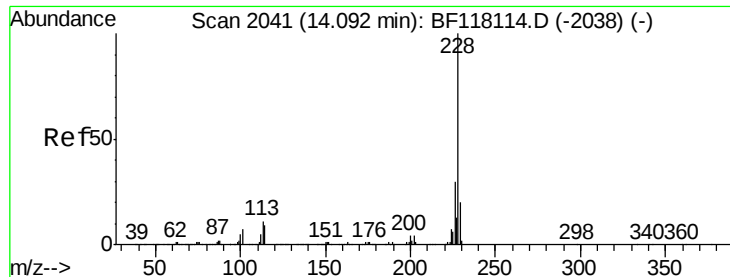


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.795 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampled :

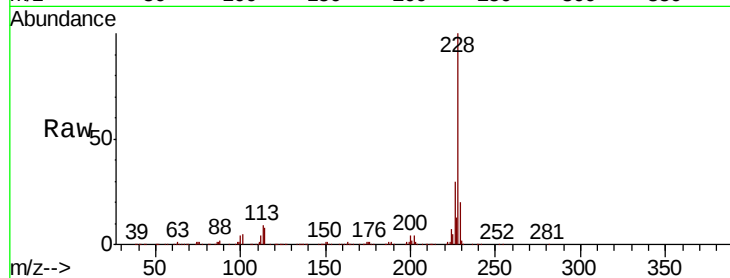
Tot Ion:228 Resp: 787266

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

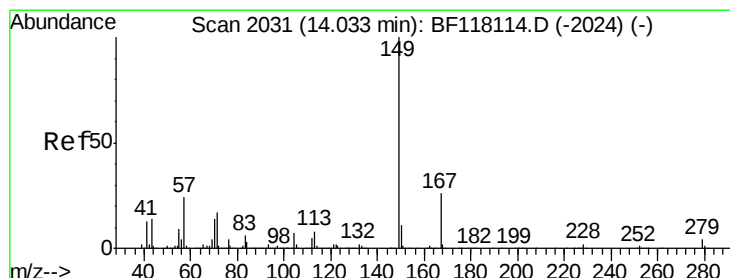
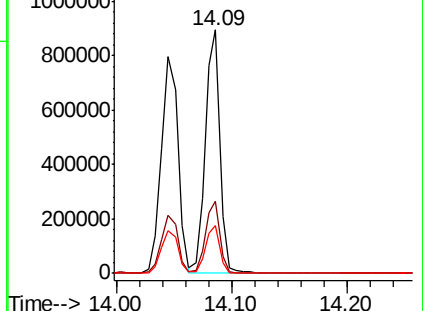
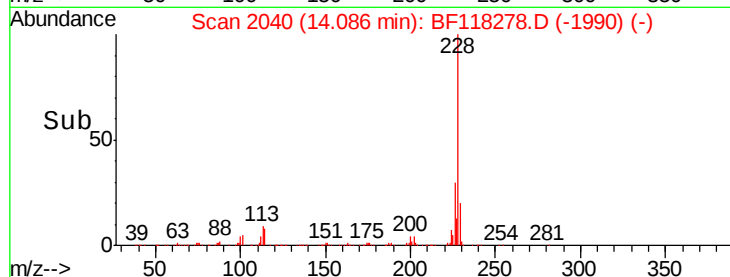
229 19.6 15.7 23.5



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: 43.115 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

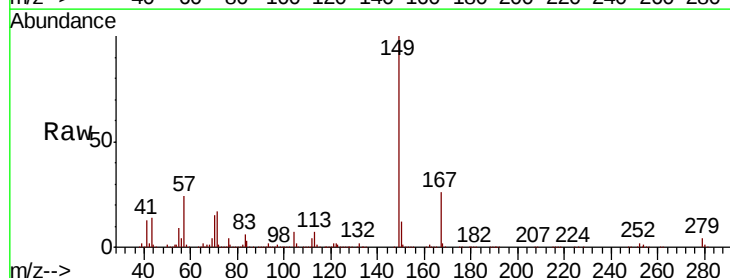
Tgt Ion:149 Resp: 592808

Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

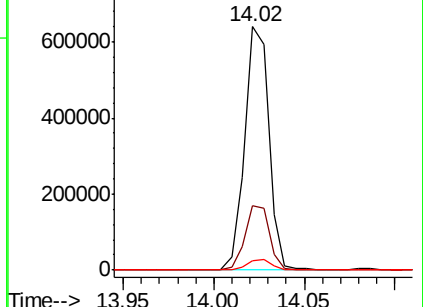
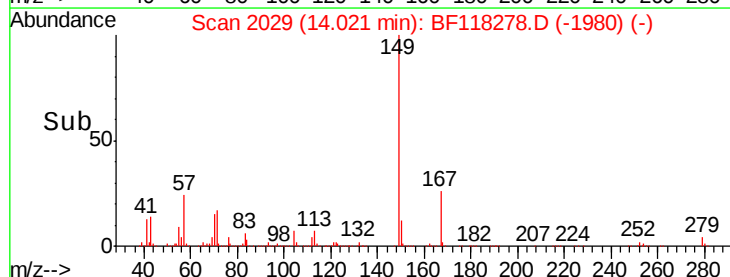
279 3.6 2.9 4.3

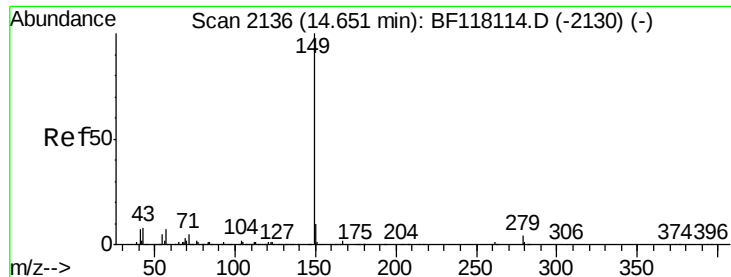


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.898 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

Instrument :

BNA_F

ClientSampleId :

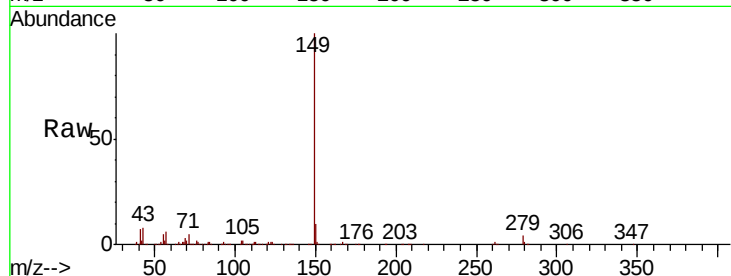
Tot Ion:149 Resp: 872659

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

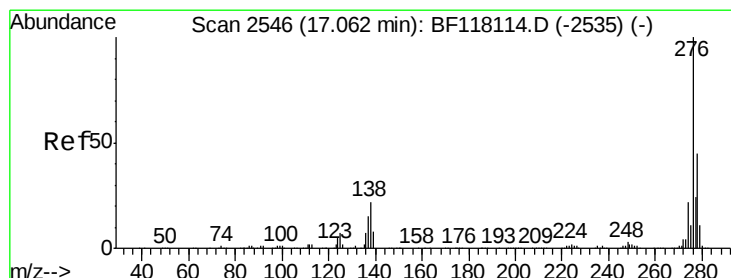
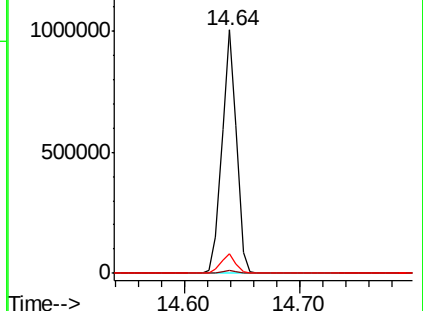
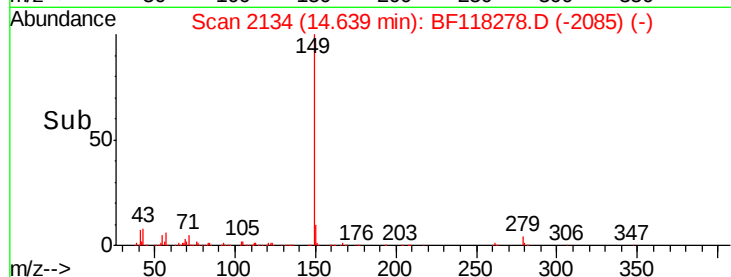
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.972 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF118278.D

Acq: 19 Dec 2019 14:38

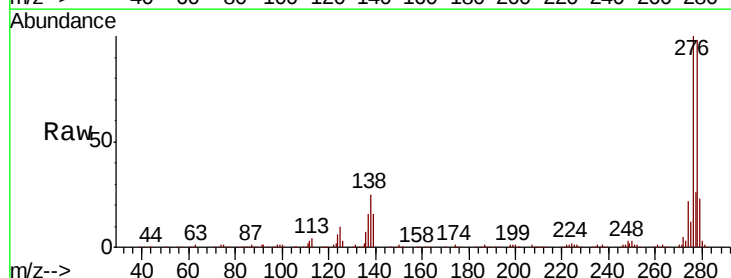
Tgt Ion:276 Resp: 616568

Ion Ratio Lower Upper

276 100

138 23.9 18.9 28.3

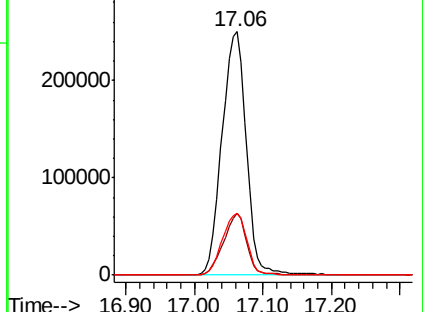
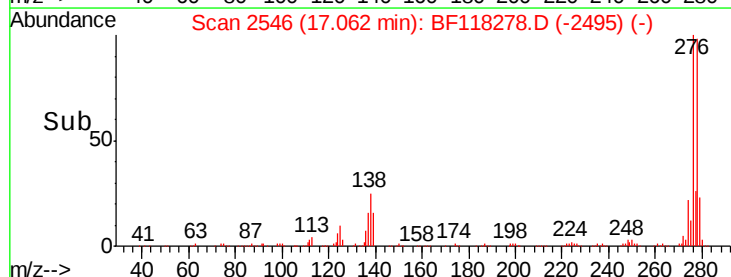
277 25.7 20.4 30.6

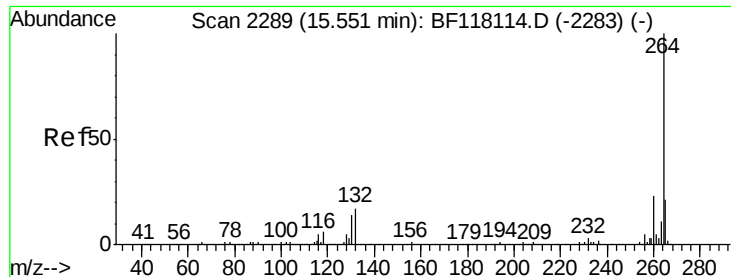


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



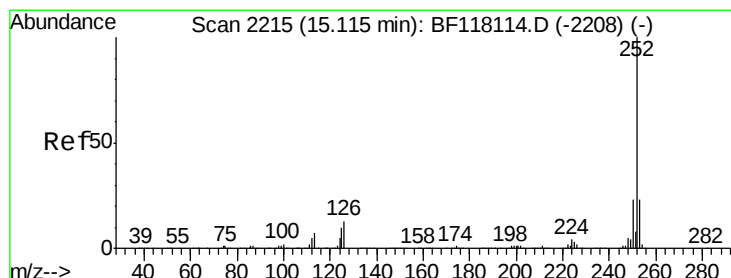
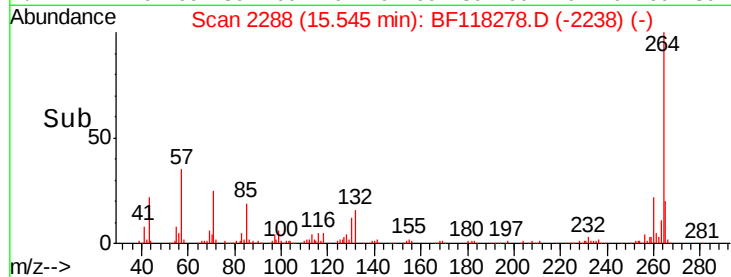
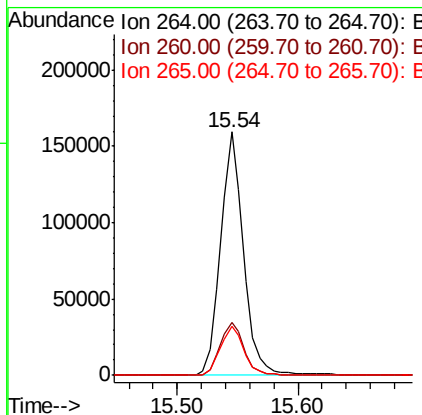
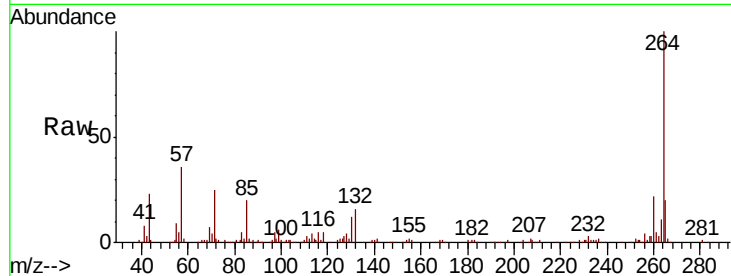


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 208508

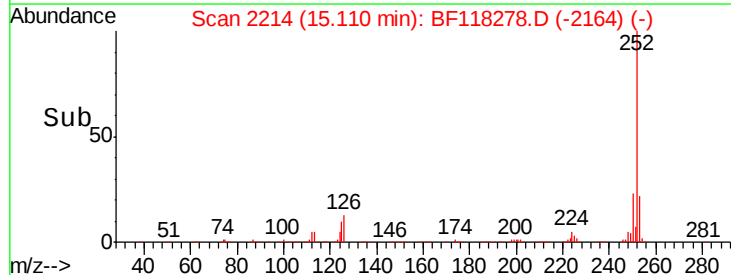
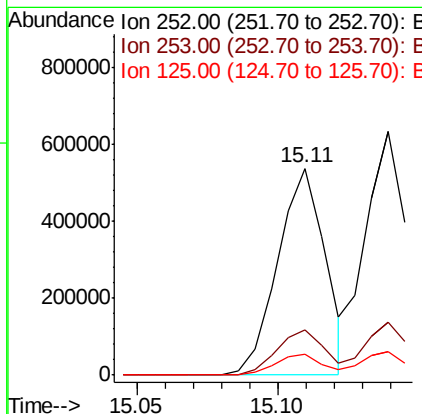
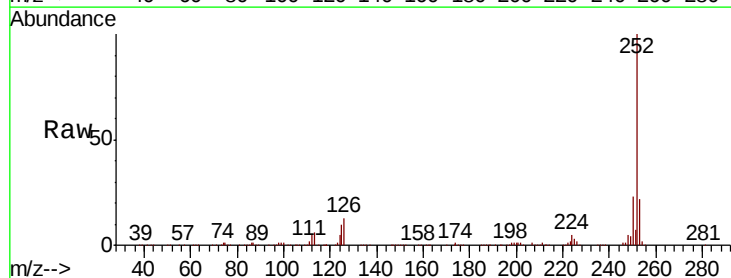
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.6	28.0
265	20.4	16.8	25.2

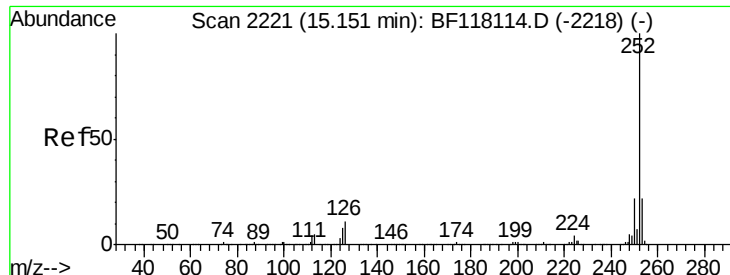


#88
Benzo(b)fluoranthene
Concen: 45.523 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:252 Resp: 627765

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.9	8.3	12.5

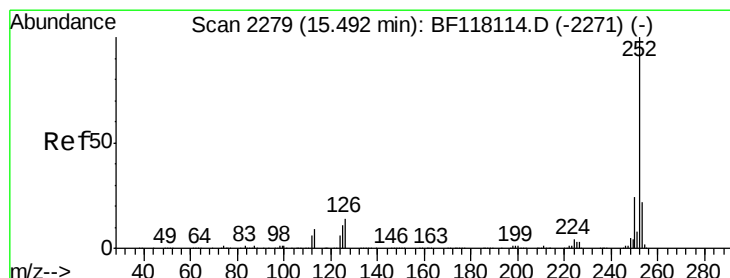
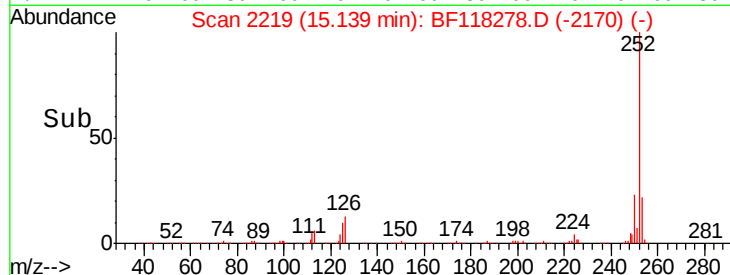
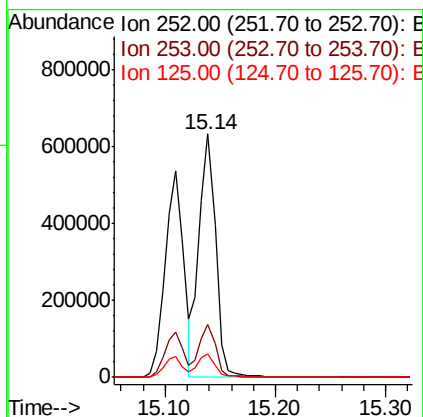
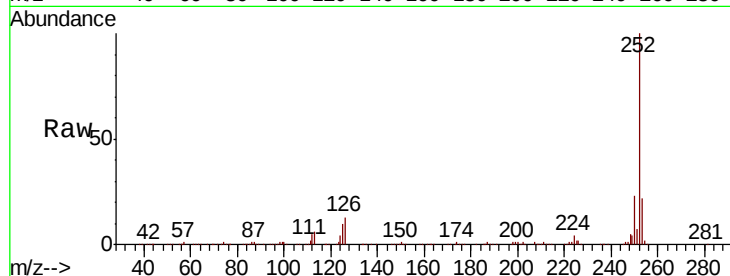




#89
Benzo(k)fluoranthene
Concen: 49.033 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

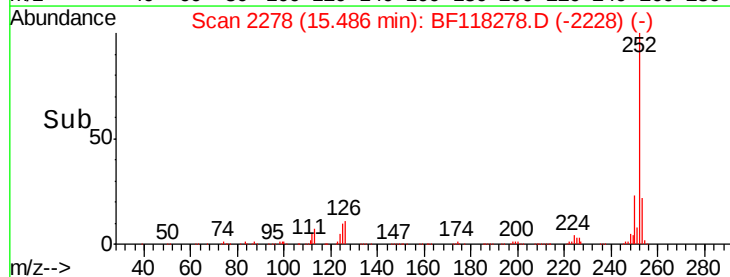
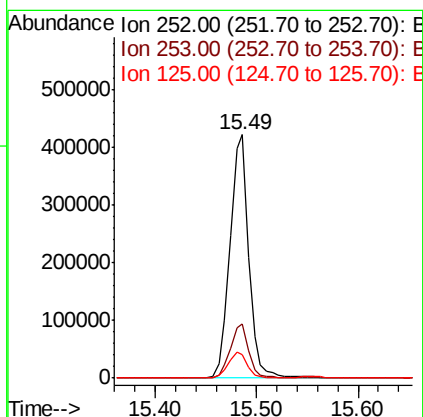
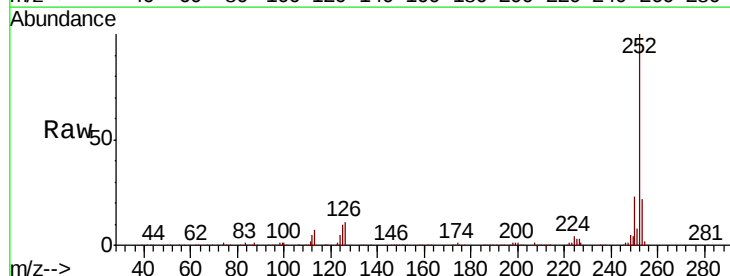
Instrument :
BNA_F
ClientSampleId :

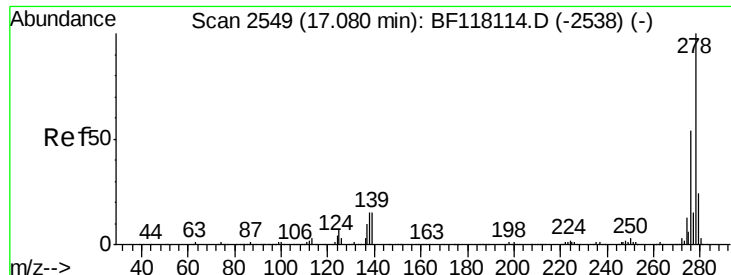
Tot Ion:252 Resp: 649574
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 6.7 10.1



#90
Benzo(a)pyrene
Concen: 44.847 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion:252 Resp: 546201
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.9 9.1 13.7

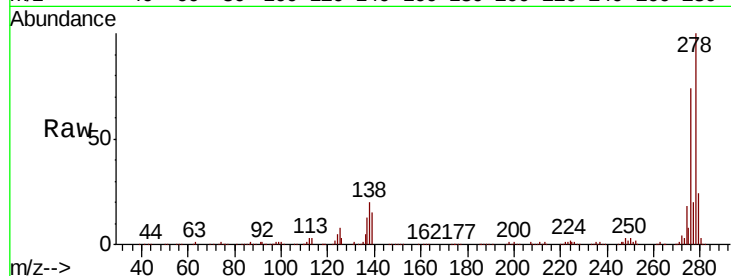




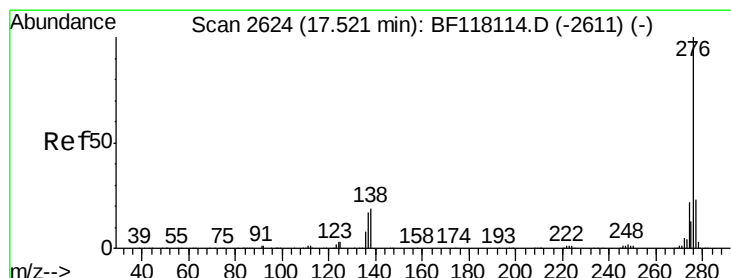
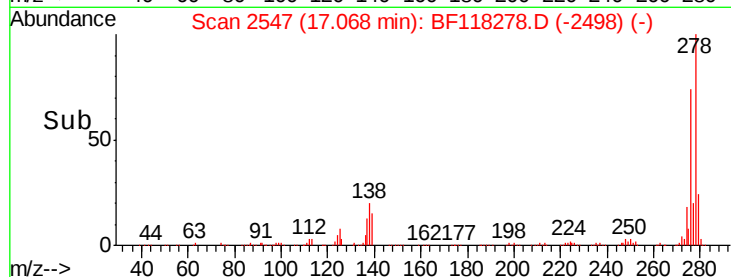
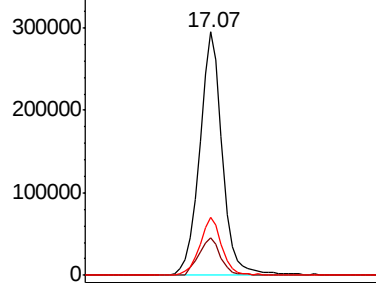
#91
Dibenzo(a,h)anthracene
Concen: 49.992 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	23.6	19.0	28.4

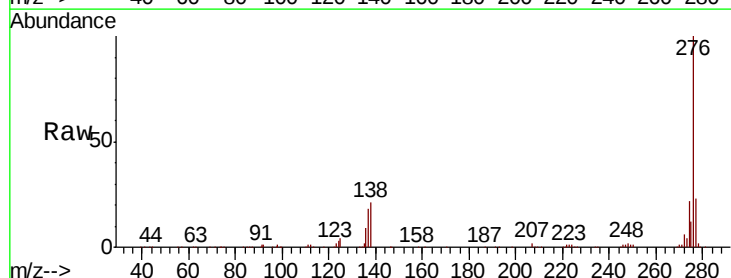


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.011 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118278.D
Acq: 19 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	21.0	15.5	23.3



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

