

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118301.D
 Acq On : 24 Dec 2019 11:28
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 14:49:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136006	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	548797	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301032	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	573212	20.00	ng	0.00
76) Chrysene-d12	14.04	240	429238	20.00	ng	0.00
87) Perylene-d12	15.53	264	396928	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	341456	43.97	ng	0.00
7) Phenol-d6	6.48	99	425127	45.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	396711	40.67	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	155343	42.48	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	863105	43.63	ng	0.00
79) Terphenyl-d14	12.98	244	1064237	42.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	66548	20.325	ng	99
3) Pyridine	3.34	79	173199	20.503	ng	99
4) n-Nitrosodimethylamine	3.28	42	69146	19.027	ng	95
6) Aniline	6.51	93	266689	22.197	ng	99
8) 2-Chlorophenol	6.63	128	191287	21.846	ng	97
9) Benzaldehyde	6.40	77	132296	27.696	ng	93
10) Phenol	6.49	94	232639	21.719	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	169421	21.870	ng	99
12) 1,3-Dichlorobenzene	6.79	146	223731	21.873	ng	98
13) 1,4-Dichlorobenzene	6.87	146	225215	21.866	ng	98
14) 1,2-Dichlorobenzene	7.02	146	217606	22.497	ng	99
15) Benzyl Alcohol	6.99	79	162763	22.200	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	181046	19.437	ng	99
17) 2-Methylphenol	7.10	107	154387	22.169	ng	97
18) Hexachloroethane	7.36	117	82804	21.818	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	130755	22.910	ng	97
20) 3+4-Methylphenols	7.26	107	199834	22.845	ng	# 88
22) Acetophenone	7.26	105	282502	21.427	ng	# 98
24) Nitrobenzene	7.43	77	202408	21.119	ng	99
25) Isophorone	7.67	82	345068	20.867	ng	99
26) 2-Nitrophenol	7.76	139	102506	20.010	ng	94
27) 2,4-Dimethylphenol	7.79	122	143403	20.987	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	228648	21.160	ng	100
29) 2,4-Dichlorophenol	8.00	162	166817	20.942	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	195077	20.955	ng	96
31) Naphthalene	8.16	128	596065	21.626	ng	99
32) Benzoic acid	7.90	122	93268	15.117	ng	92
33) 4-Chloroaniline	8.21	127	249792	20.989	ng	98
34) Hexachlorobutadiene	8.27	225	114181	20.454	ng	96
35) Caprolactam	8.57	113	52551	21.392	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	179756	21.443	ng	98
37) 2-Methylnaphthalene	8.85	142	408995	21.919	ng	99
38) 1-Methylnaphthalene	8.95	142	385834	22.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	189510	20.781	ng	99

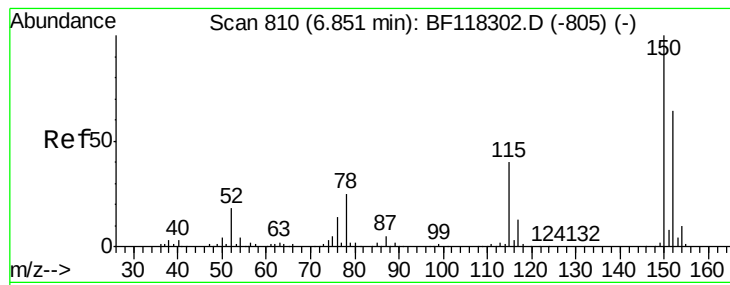
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118301.D
 Acq On : 24 Dec 2019 11:28
 Operator : JU
 Sample : SSTDICC020
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Quant Time: Dec 24 14:49:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	45933	11.242	ng	94
43) 2,4,6-Trichlorophenol	9.13	196	122074	20.049	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	126438	20.043	ng	95
46) 1,1'-Biphenyl	9.32	154	508369	21.412	ng	98
47) 2-Chloronaphthalene	9.35	162	404737	21.192	ng	97
48) 2-Nitroaniline	9.44	65	111914	20.549	ng	97
49) Acenaphthylene	9.76	152	608432	21.600	ng	100
50) Dimethylphthalate	9.62	163	476664	21.437	ng	99
51) 2,6-Dinitrotoluene	9.68	165	102325	21.163	ng	99
52) Acenaphthene	9.93	154	367938	21.400	ng	98
53) 3-Nitroaniline	9.86	138	117848	20.711	ng	99
54) 2,4-Dinitrophenol	9.97	184	39663	16.489	ng	97
55) Dibenzofuran	10.10	168	558813	22.181	ng	98
56) 4-Nitrophenol	10.02	139	69840	17.686	ng	90
57) 2,4-Dinitrotoluene	10.09	165	139349	21.593	ng	95
58) Fluorene	10.45	166	445040	22.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	107346	20.626	ng	98
60) Diethylphthalate	10.32	149	480982	21.955	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	223367	22.174	ng	97
62) 4-Nitroaniline	10.47	138	124772	21.025	ng	99
63) Azobenzene	10.60	77	411343	21.995	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	57104	18.039	ng	91
66) n-Nitrosodiphenylamine	10.56	169	384710	21.492	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	139353	21.297	ng	96
68) Hexachlorobenzene	11.00	284	166529	21.623	ng	91
69) Atrazine	11.09	200	122692	27.029	ng	97
70) Pentachlorophenol	11.20	266	61808	17.065	ng	97
71) Phenanthrene	11.42	178	674791	22.145	ng	99
72) Anthracene	11.47	178	671952	22.106	ng	99
73) Carbazole	11.62	167	597000	21.890	ng	98
74) Di-n-butylphthalate	11.95	149	762999	22.354	ng	99
75) Fluoranthene	12.61	202	691230	22.188	ng	98
77) Benzidine	12.73	184	230710	20.417	ng	97
78) Pyrene	12.84	202	700491	20.709	ng	99
80) Butylbenzylphthalate	13.45	149	312723	20.414	ng	95
81) Benzo(a)anthracene	14.03	228	630201	21.233	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	233131	23.917	ng	98
83) Chrysene	14.07	228	612451	21.602	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	414635	20.527	ng	99
85) Di-n-octyl phthalate	14.63	149	631124	20.625	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	451050	18.908	ng	98
88) Benzo(b)fluoranthene	15.09	252	577233	21.989	ng	99
89) Benzo(k)fluoranthene	15.12	252	527450	20.915	ng	99
90) Benzo(a)pyrene	15.47	252	486234	20.972	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	361861	18.197	ng	98
92) Benzo(g,h,i)perylene	17.48	276	341567	17.874	ng	98

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

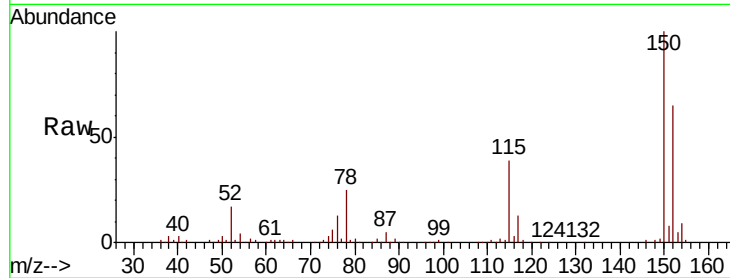


#1

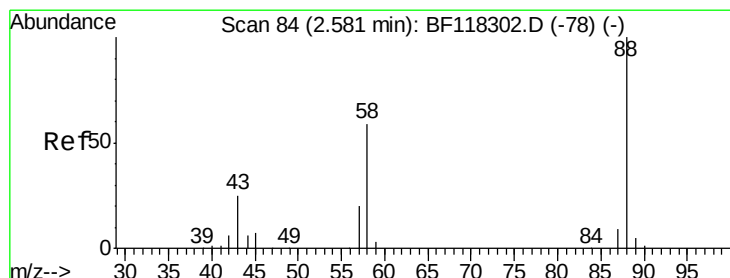
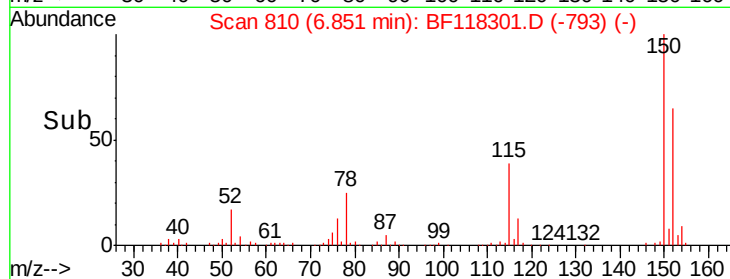
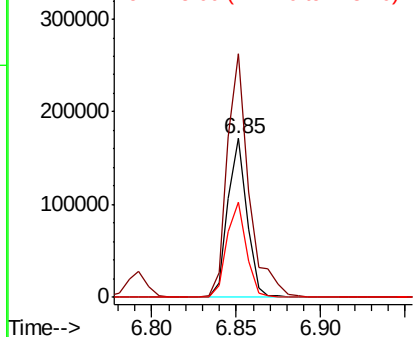
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 136006
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 59.8 50.2 75.4



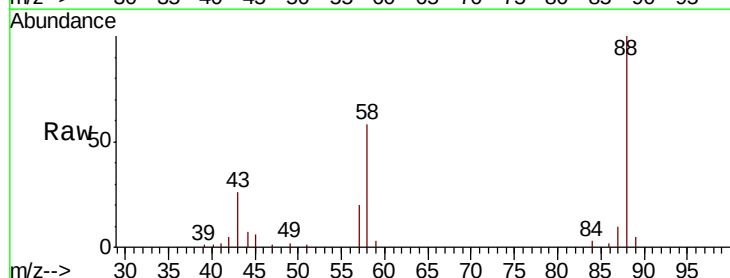
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



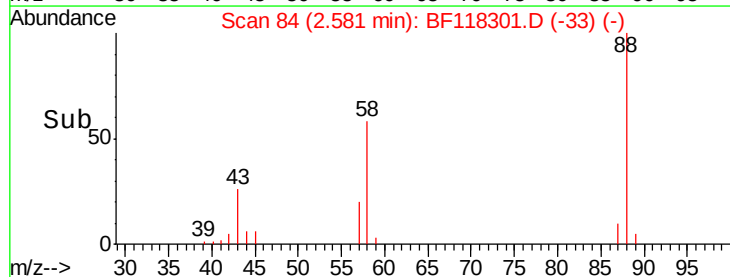
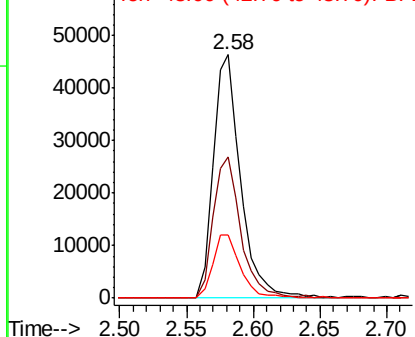
#2

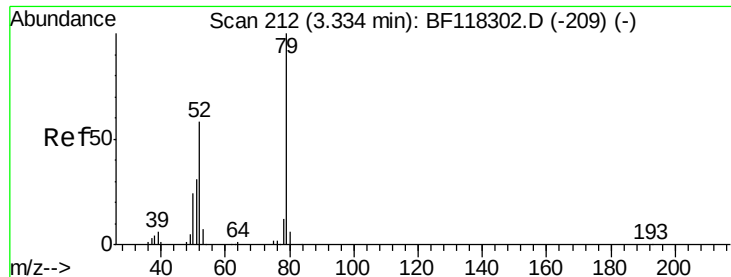
1,4-Dioxane
Concen: 20.325 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion: 88 Resp: 66548
Ion Ratio Lower Upper
88 100
58 58.9 47.6 71.4
43 26.4 20.6 30.8



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





#3

Pvridine

Concen: 20.503 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

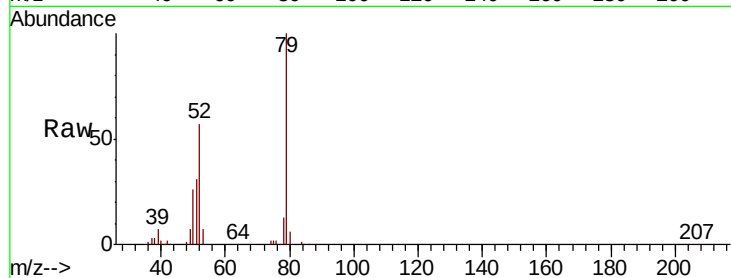
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 79 Resp: 173199

Ion	Ratio	Lower	Upper
79	100		
52	57.0	46.4	69.6
51	31.3	24.9	37.3

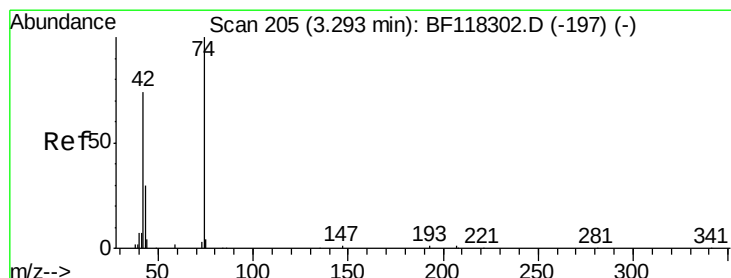
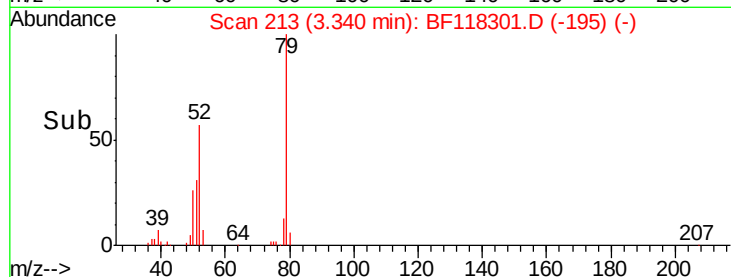
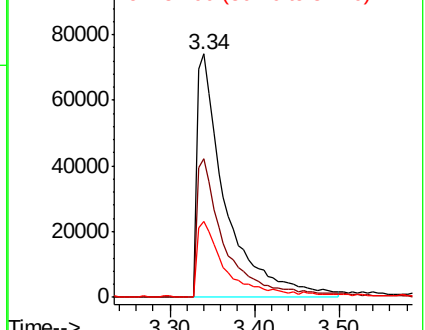


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 19.027 ng

RT: 3.28 min Scan# 202

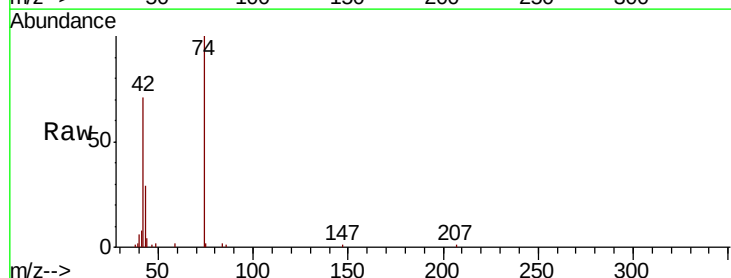
Delta R.T. -0.02 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Tgt Ion: 42 Resp: 69146

Ion	Ratio	Lower	Upper
42	100		
74	141.0	107.7	161.5
44	5.7	4.8	7.2

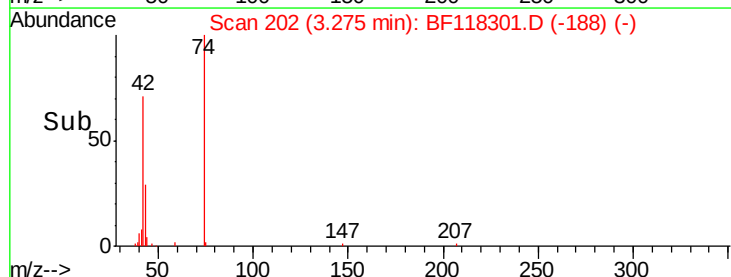
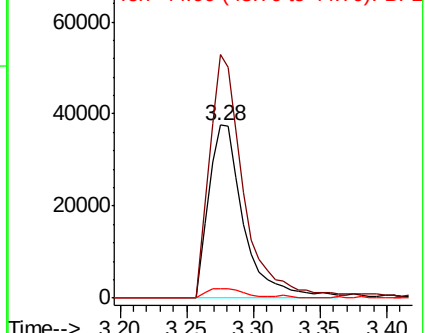


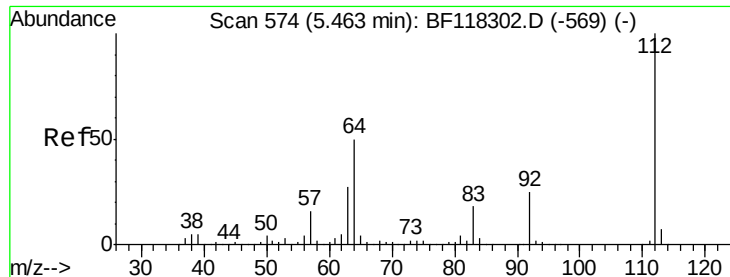
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 43.972 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampled :

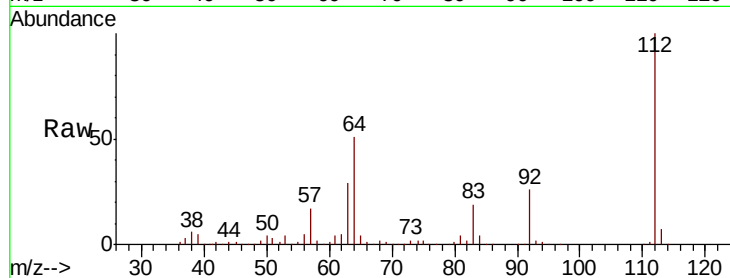
Tot Ion:112 Resp: 341456

Ion Ratio Lower Upper

112 100

64 51.2 39.7 59.5

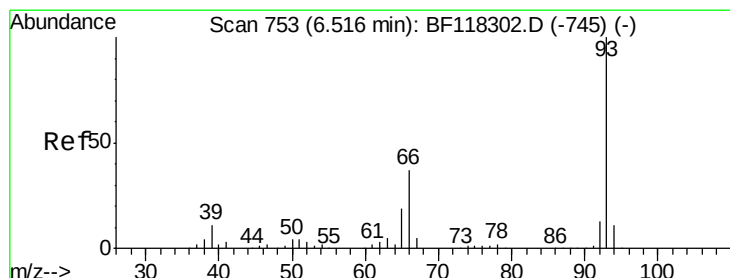
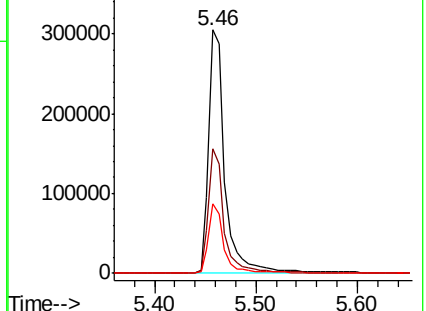
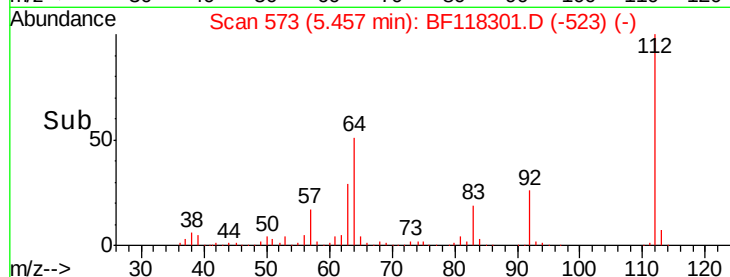
63 28.6 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.197 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

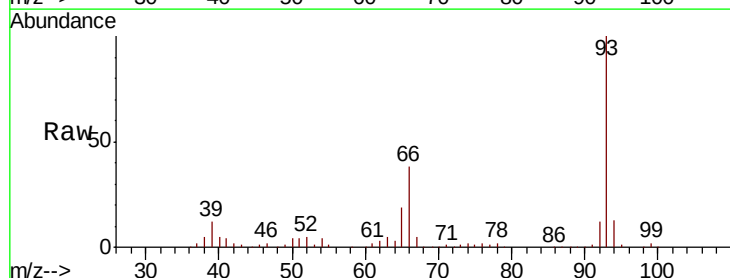
Tgt Ion: 93 Resp: 266689

Ion Ratio Lower Upper

93 100

66 38.4 30.2 45.4

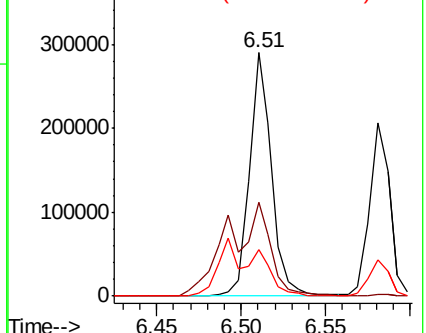
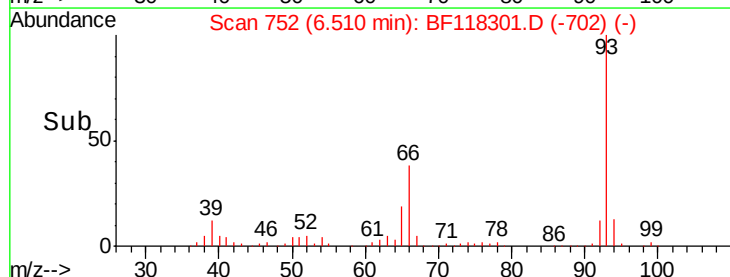
65 19.2 15.7 23.5

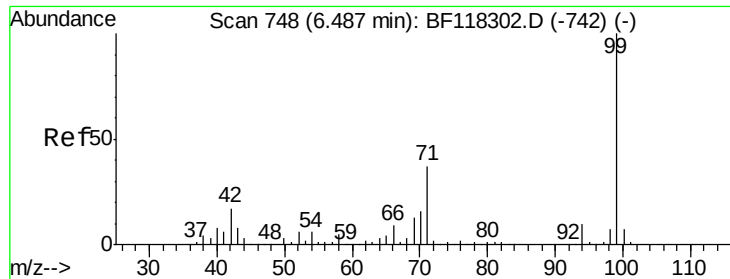


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.263 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

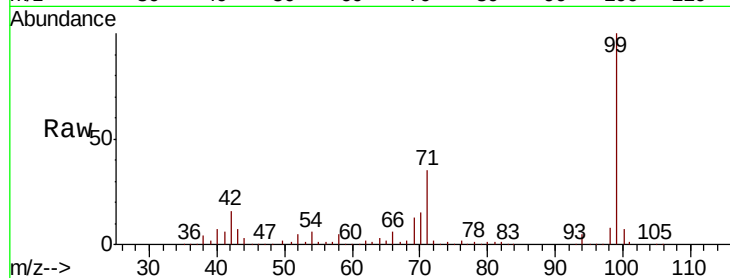
Tot Ion: 99 Resp: 425127

Ion Ratio Lower Upper

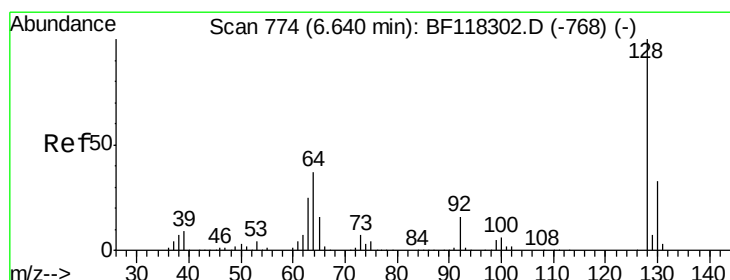
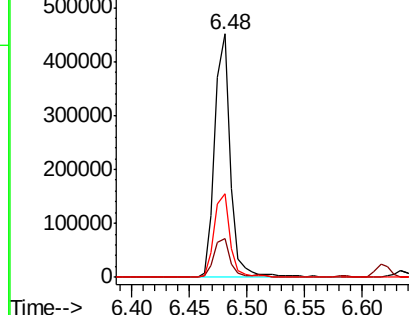
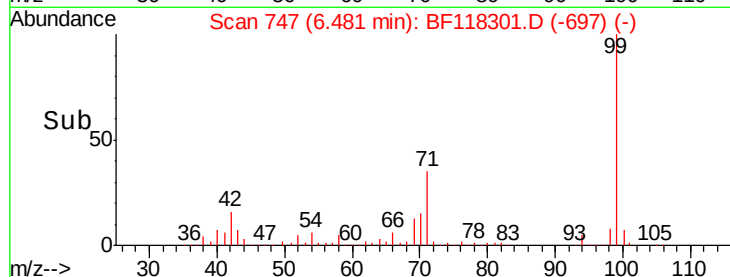
99 100

42 16.0 13.5 20.3

71 34.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 21.846 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

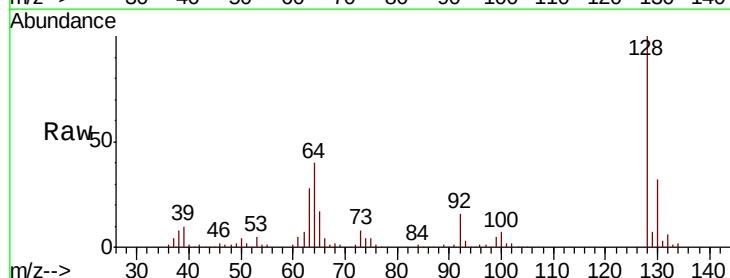
Tgt Ion: 128 Resp: 191287

Ion Ratio Lower Upper

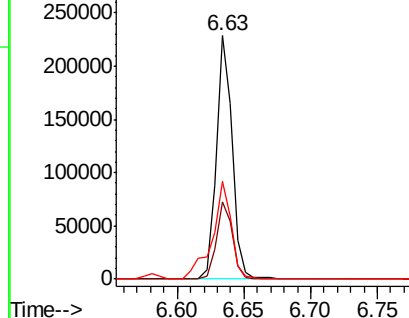
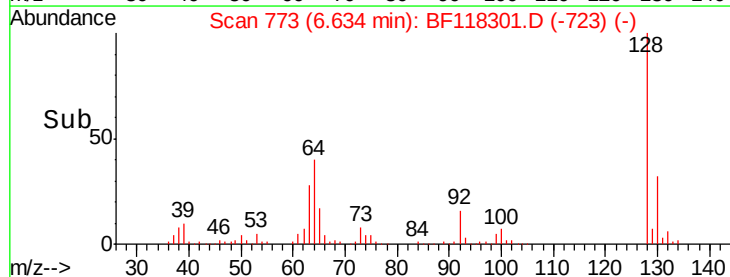
128 100

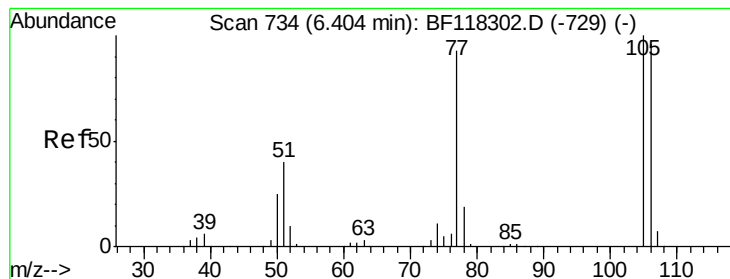
130 31.7 13.2 53.2

64 40.1 17.7 57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.696 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

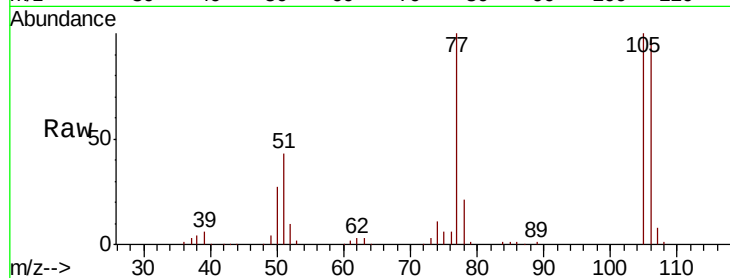
Tot Ion: 77 Resp: 132296

Ion Ratio Lower Upper

77 100

105 99.8 87.5 127.5

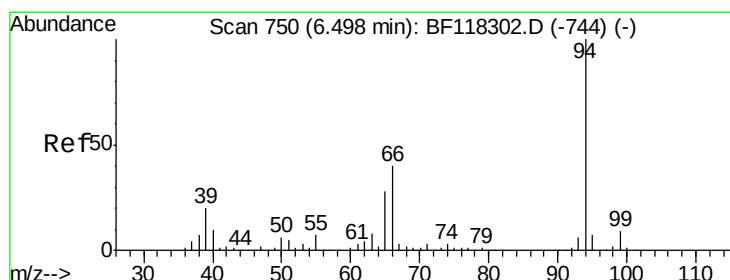
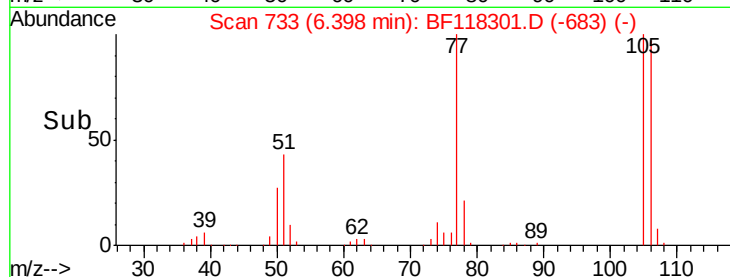
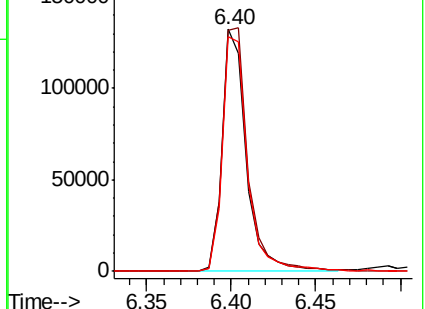
106 96.8 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 21.719 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

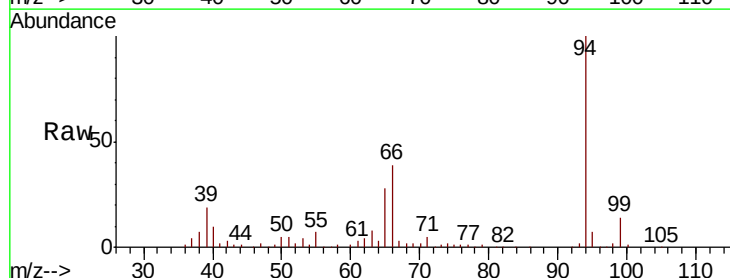
Tgt Ion: 94 Resp: 232639

Ion Ratio Lower Upper

94 100

65 27.7 7.8 47.8

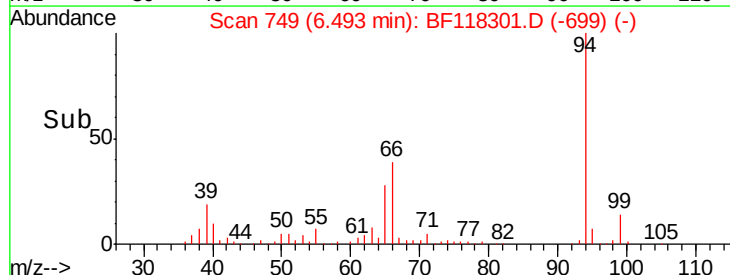
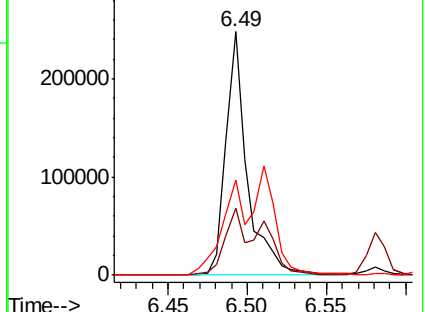
66 39.1 20.4 60.4

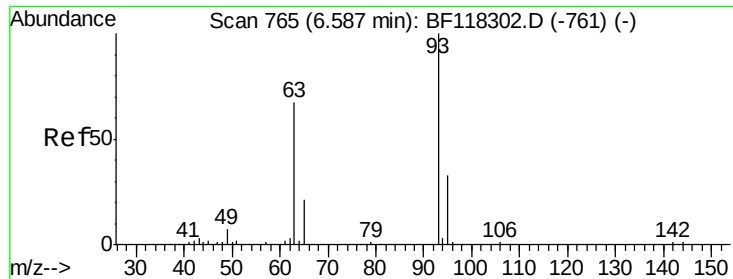


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

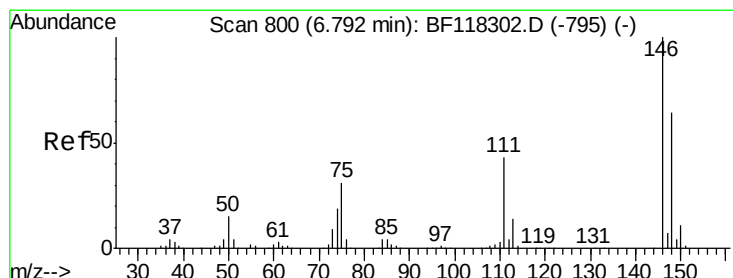
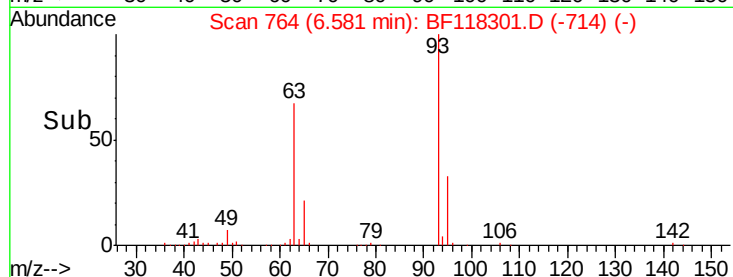
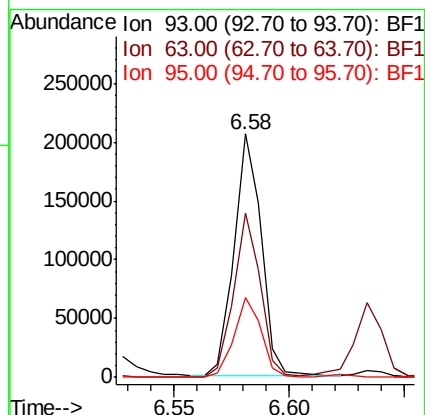
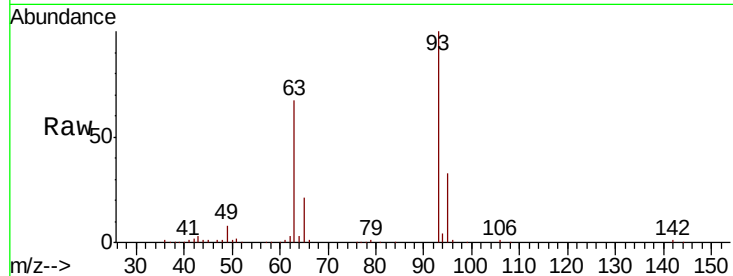




#11
bis(2-Chloroethyl)ether
Concen: 21.870 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

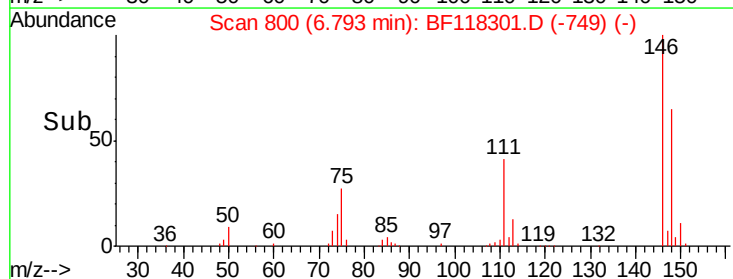
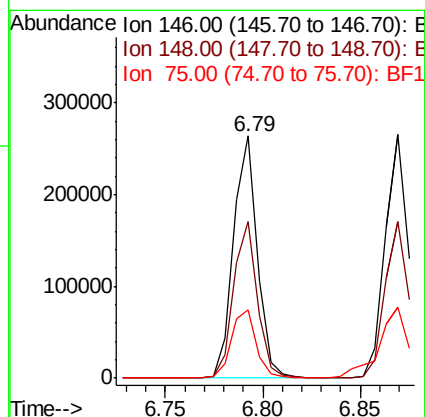
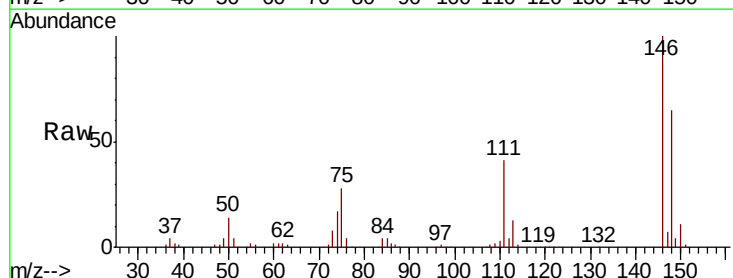
Instrument :
BNA_E
ClientSampled :

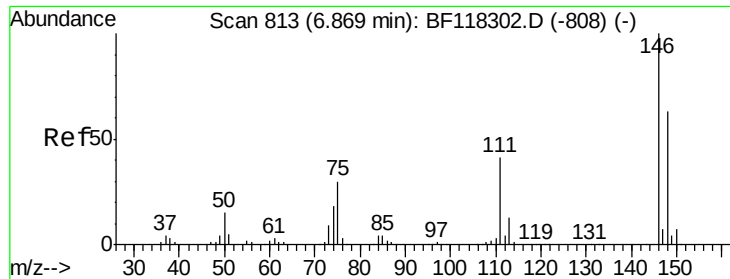
Tot Ion: 93 Resp: 169421
Ion Ratio Lower Upper
93 100
63 67.5 47.0 87.0
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 21.873 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion: 146 Resp: 223731
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 28.0 24.4 36.6

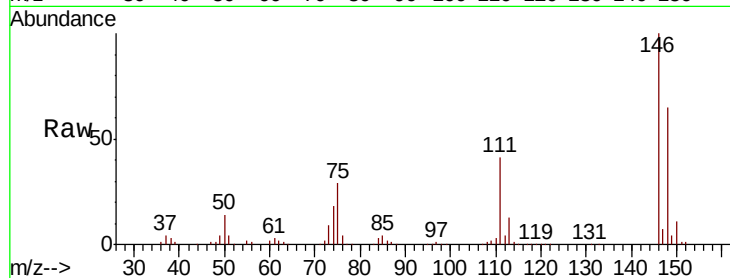




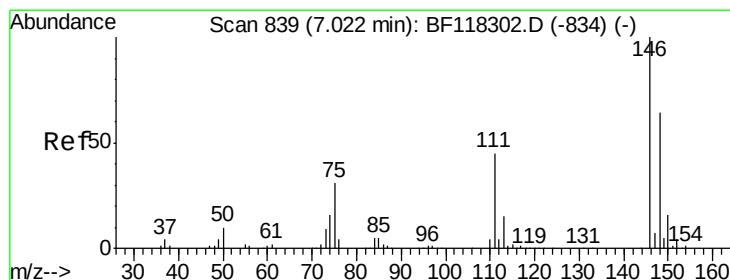
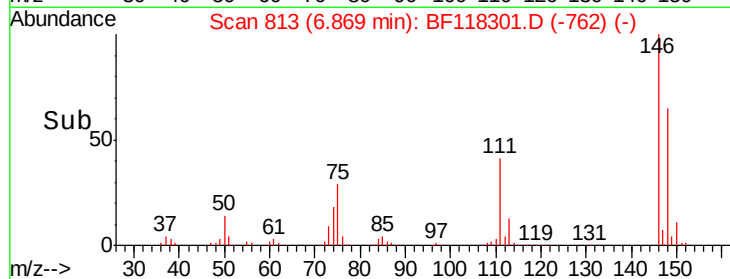
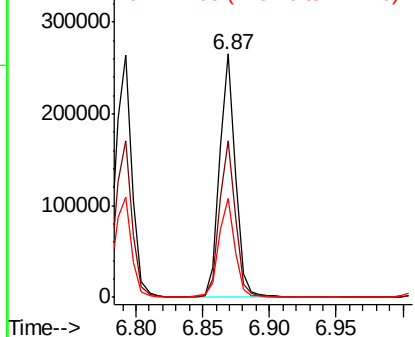
#13
 1,4-Dichlorobenzene
 Concen: 21.866 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	40.5	32.8	49.2

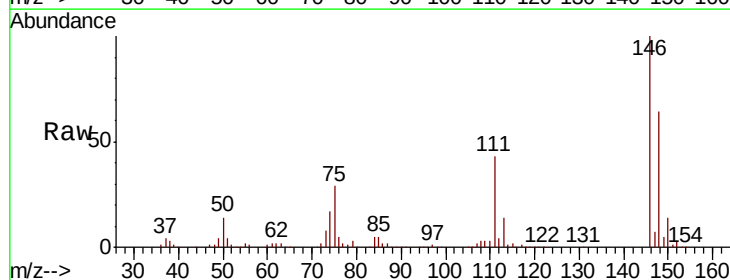


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

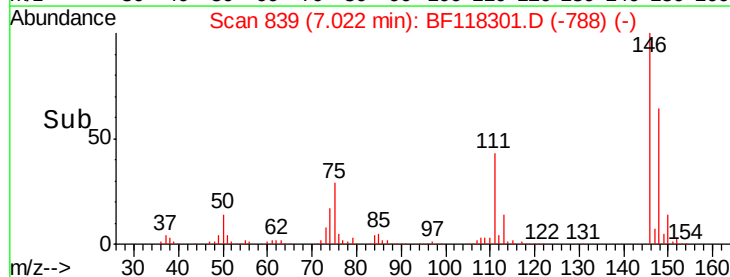
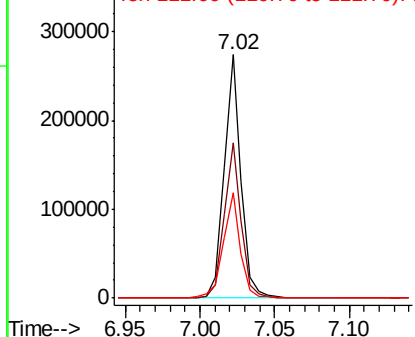


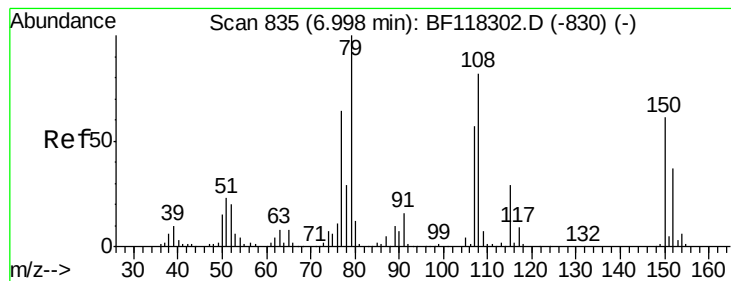
#14
 1,2-Dichlorobenzene
 Concen: 22.497 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	43.2	35.7	53.5



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: 22.200 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampled :

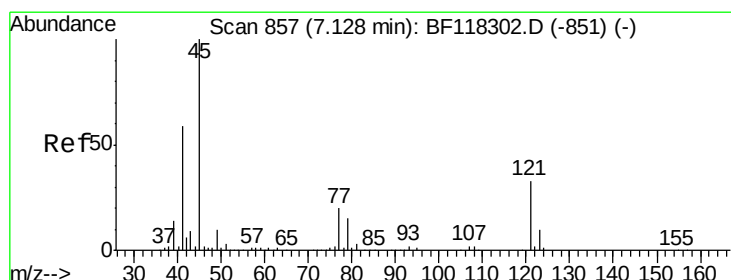
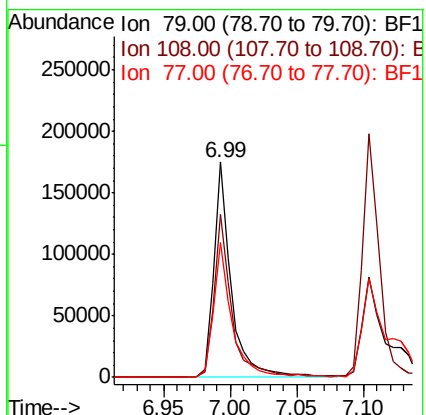
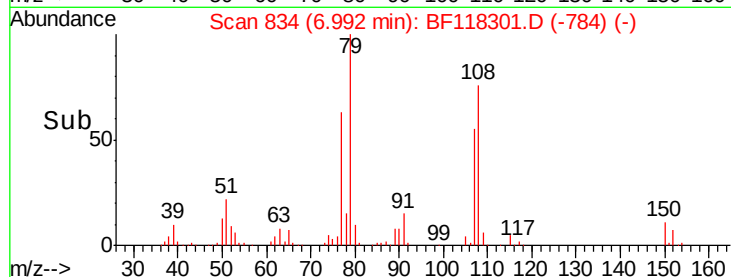
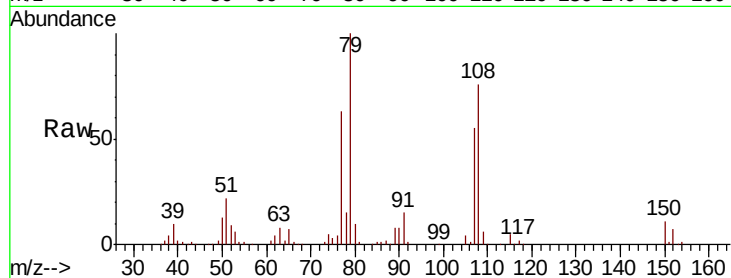
Tot Ion: 79 Resp: 162763

Ion Ratio Lower Upper

79 100

108 75.9 65.4 98.0

77 62.7 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.437 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

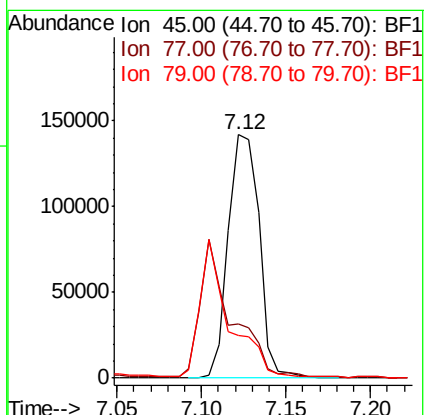
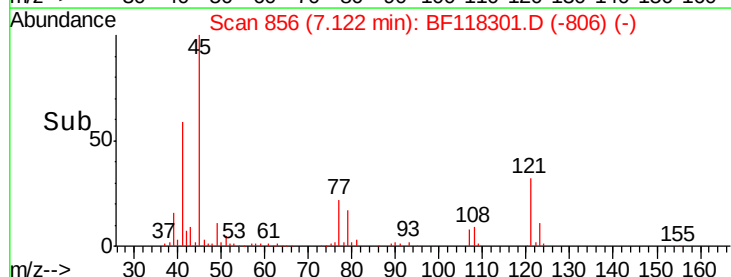
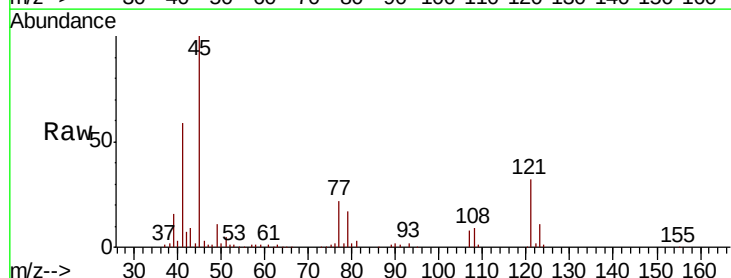
Tgt Ion: 45 Resp: 181046

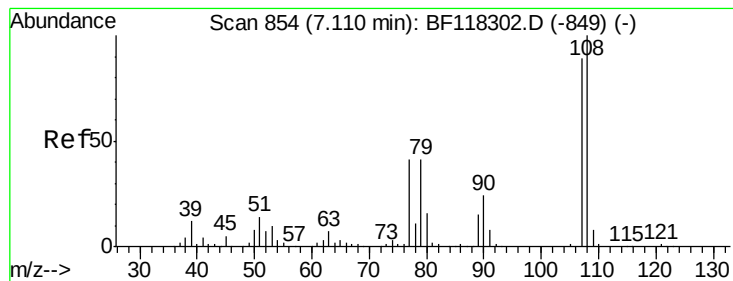
Ion Ratio Lower Upper

45 100

77 22.0 1.2 41.2

79 17.5 0.0 37.0

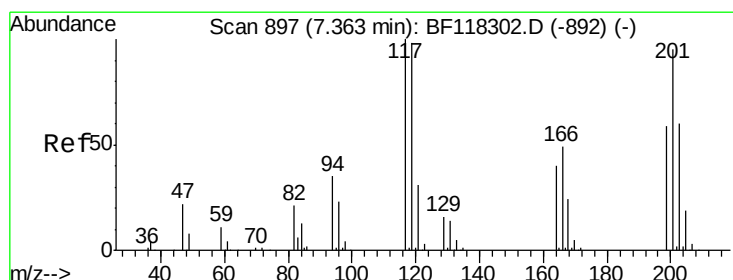
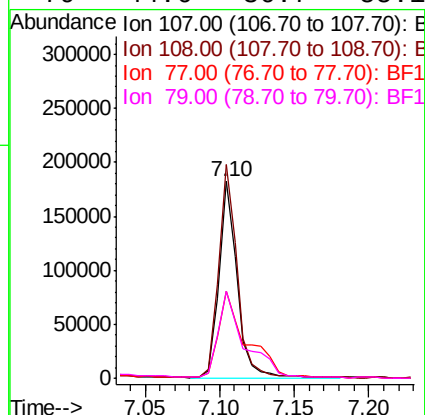
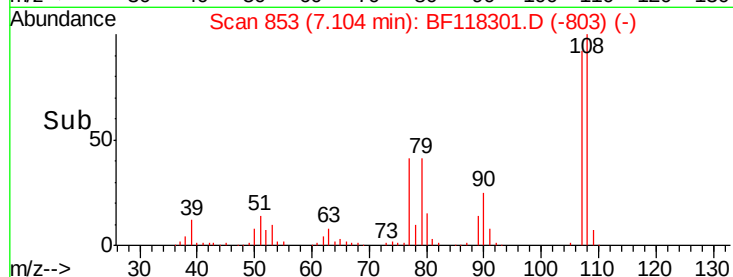
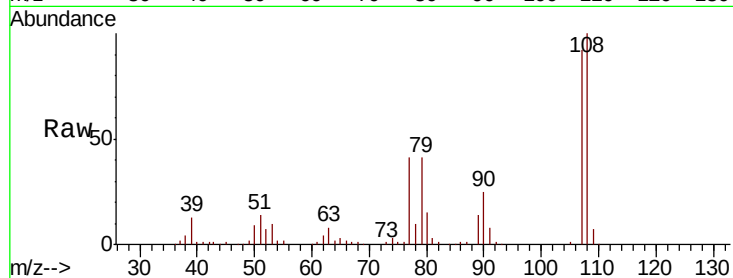




#17
2-Methylphenol
Concen: 22.169 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

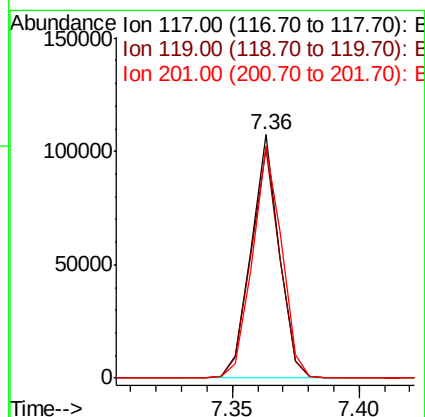
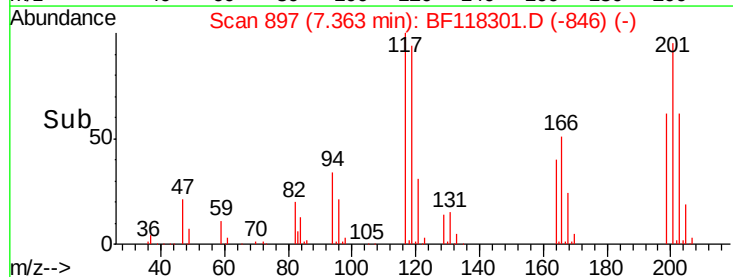
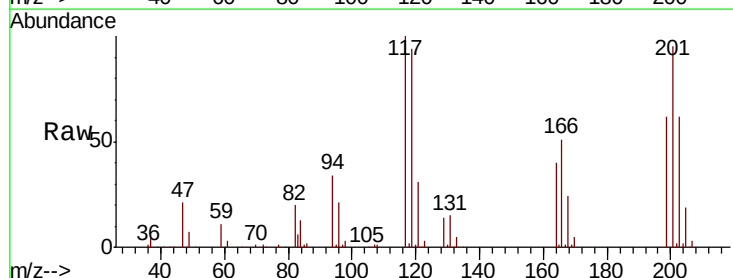
Instrument :
BNA_E
ClientSampleId :

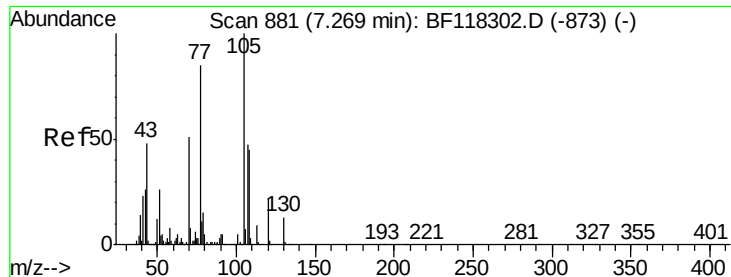
Tot Ion:107 Resp: 154387
Ion Ratio Lower Upper
107 100
108 108.6 89.7 134.5
77 44.2 37.2 55.8
79 44.6 36.7 55.1



#18
Hexachloroethane
Concen: 21.818 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:117 Resp: 82804
Ion Ratio Lower Upper
117 100
119 94.1 78.0 117.0
201 95.2 76.2 114.2

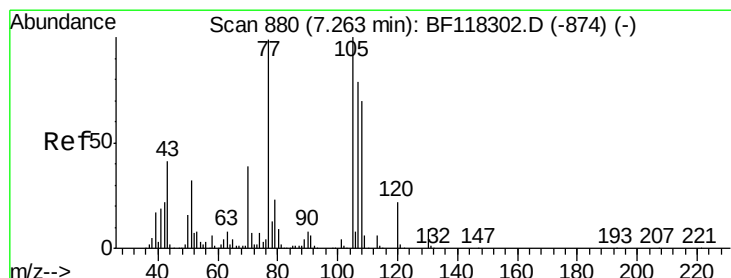
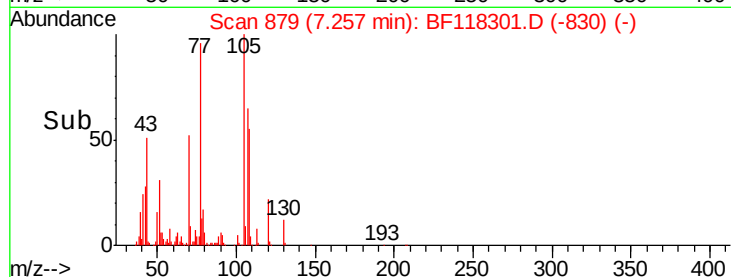
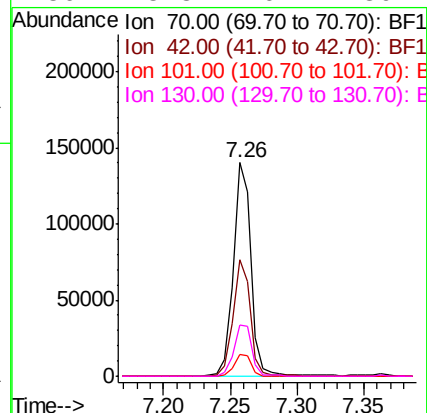
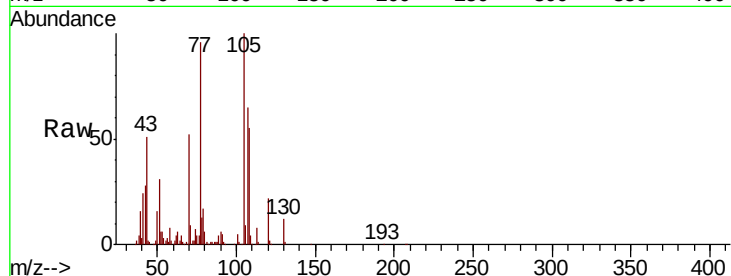




#19
n-Nitroso-di-n-propylamine
Concen: 22.910 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

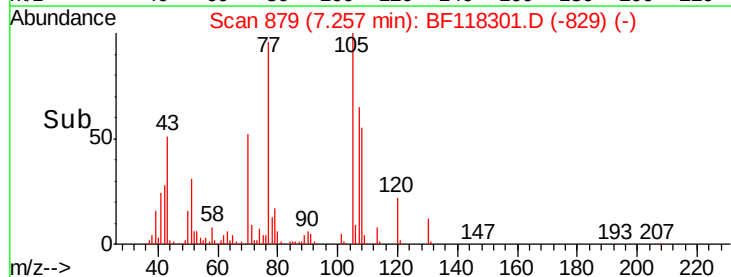
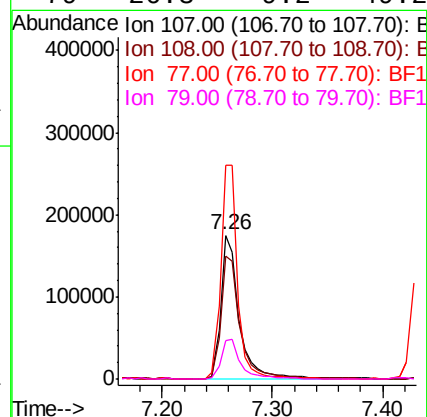
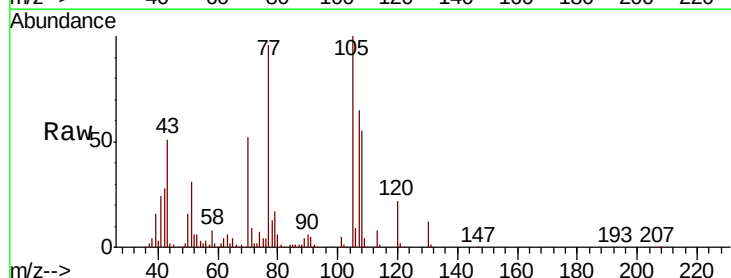
Instrument :
BNA_E
ClientSampleId :

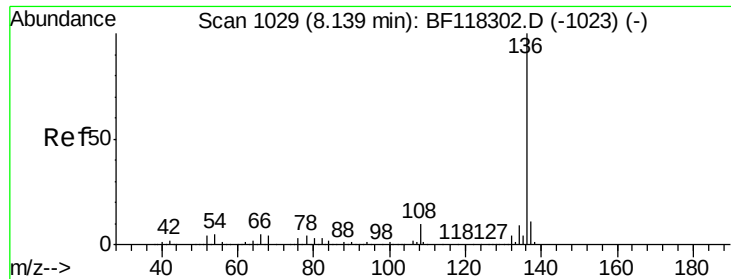
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	41.1	61.7
101	10.4	8.3	12.5
130	23.8	20.1	30.1



#20
3+4-Methylphenols
Concen: 22.845 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	69.3	109.3
77	148.5	105.9	145.9
79	26.3	9.2	49.2

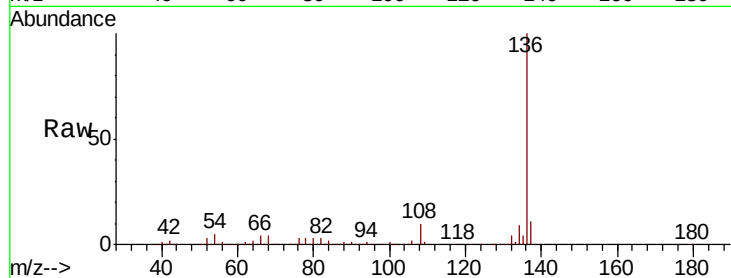




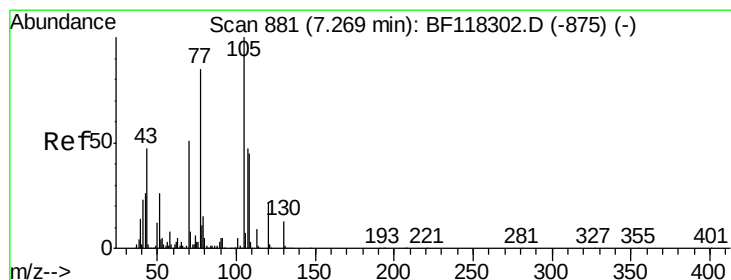
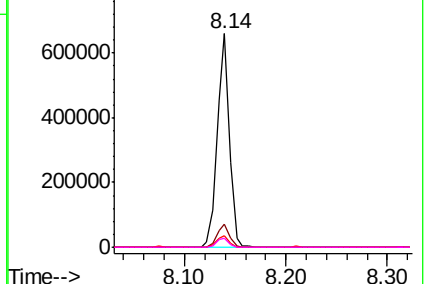
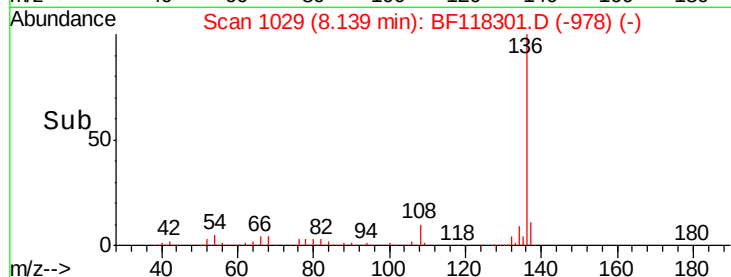
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:136	Resp:	548797
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.3	4.2 6.4
68	4.3	3.5 5.3

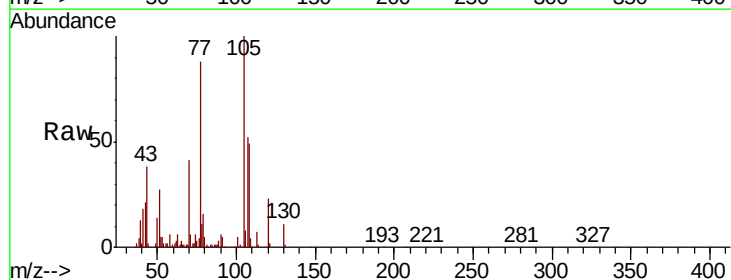


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

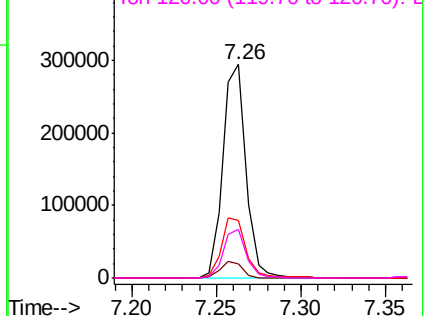
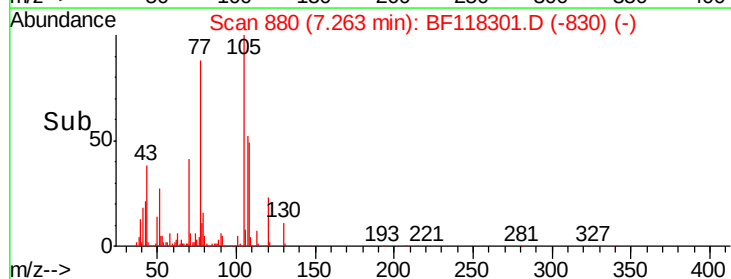


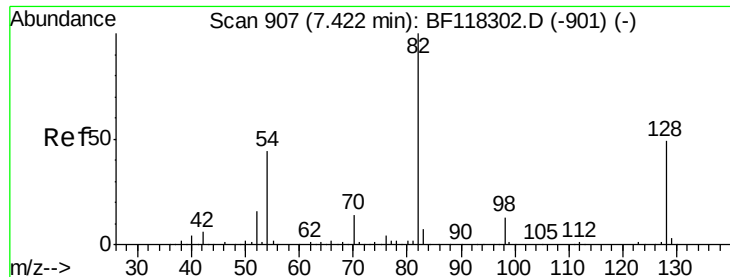
#22
Acetophenone
Concen: 21.427 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:105	Resp:	282502
Ion Ratio	Lower	Upper
105	100	
71	6.5	6.6 9.8#
51	27.1	20.6 30.8
120	22.7	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 40.667 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

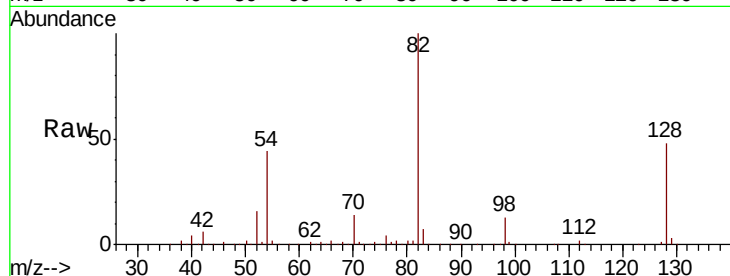
Tot Ion: 82 Resp: 396711

Ion Ratio Lower Upper

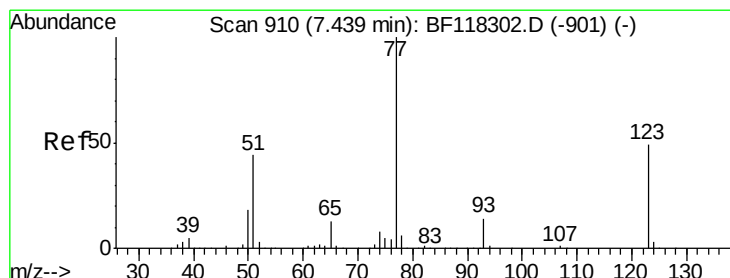
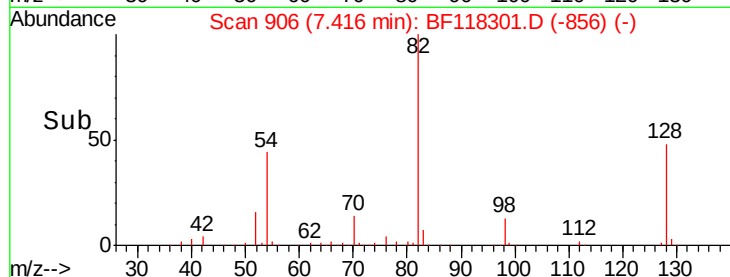
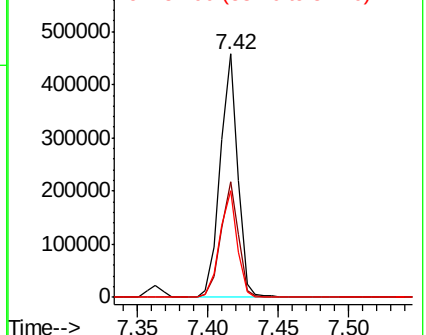
82 100

128 47.7 39.6 59.4

54 44.0 34.9 52.3



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



#24

Nitrobenzene

Concen: 21.119 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

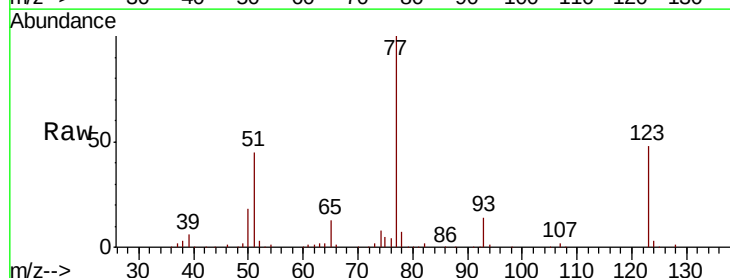
Tgt Ion: 77 Resp: 202408

Ion Ratio Lower Upper

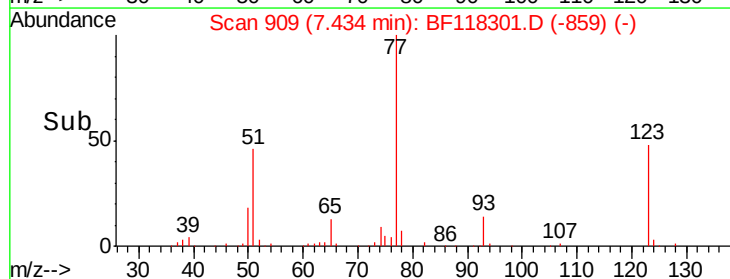
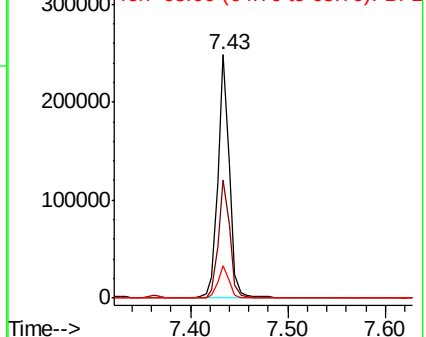
77 100

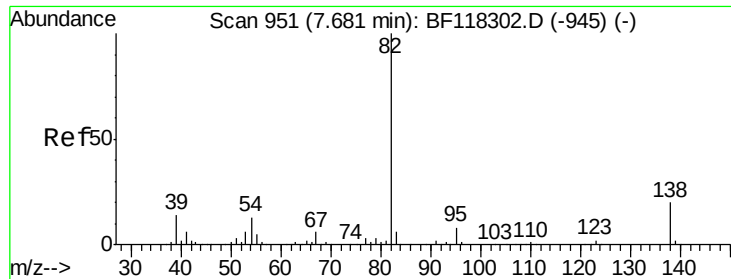
123 48.4 39.1 58.7

65 13.1 10.6 16.0



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





#25

Isophorone

Concen: 20.867 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampled :

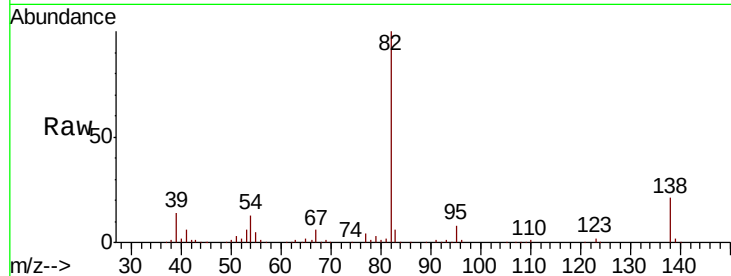
Tot Ion: 82 Resp: 345068

Ion Ratio Lower Upper

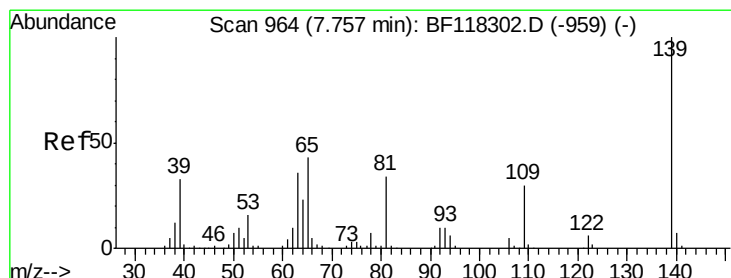
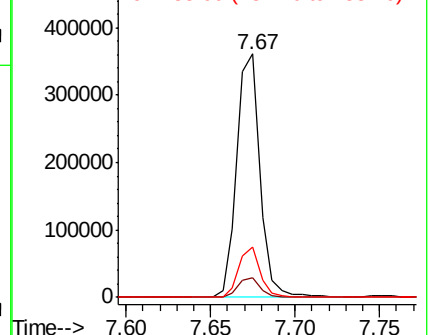
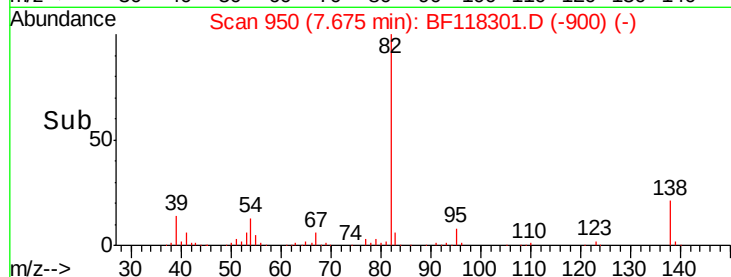
82 100

95 8.1 6.3 9.5

138 20.9 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 20.010 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

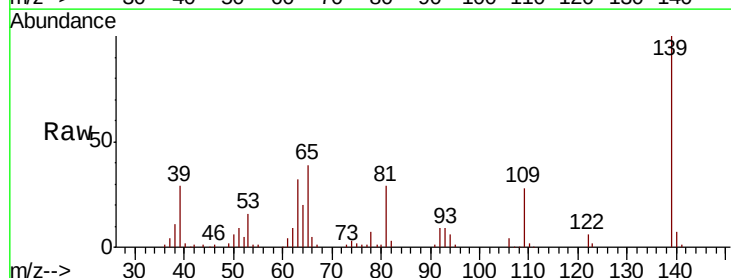
Tgt Ion: 139 Resp: 102506

Ion Ratio Lower Upper

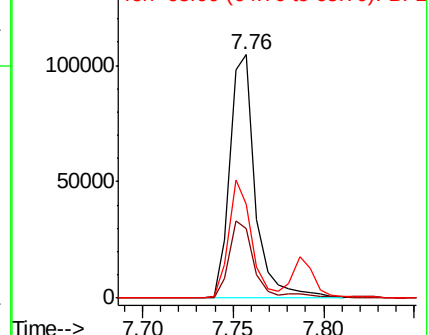
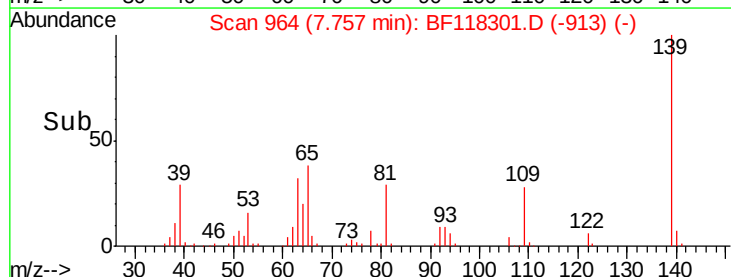
139 100

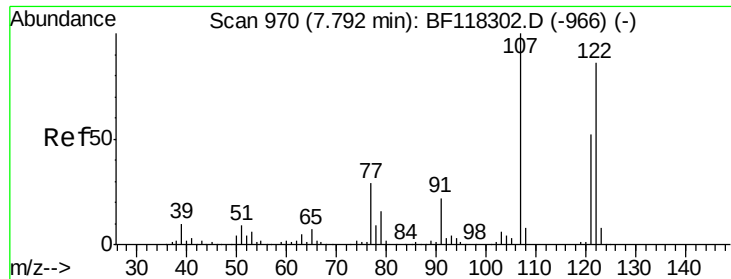
109 28.4 24.1 36.1

65 38.6 34.6 52.0



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

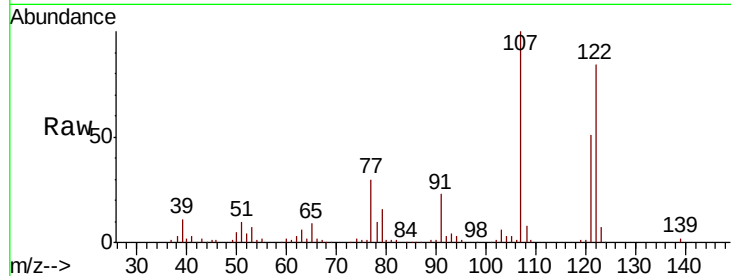




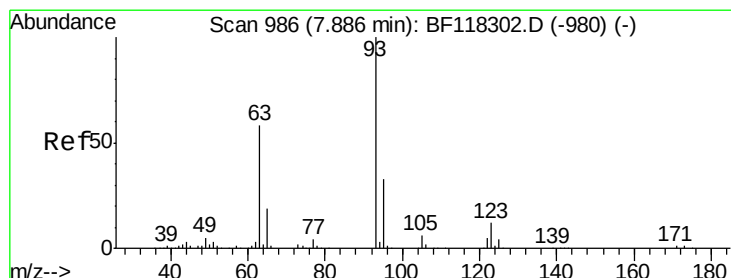
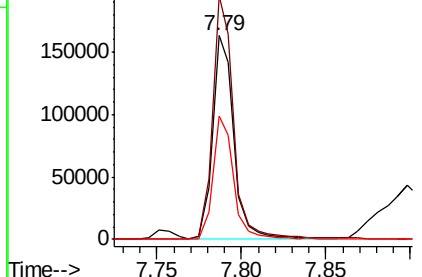
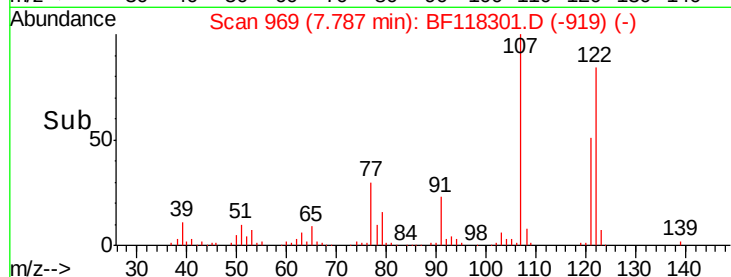
#27
 2,4-Dimethylphenol
 Concen: 20.987 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:122 Resp: 143403
 Ion Ratio Lower Upper
 122 100
 107 119.6 92.9 139.3
 121 60.8 47.9 71.9

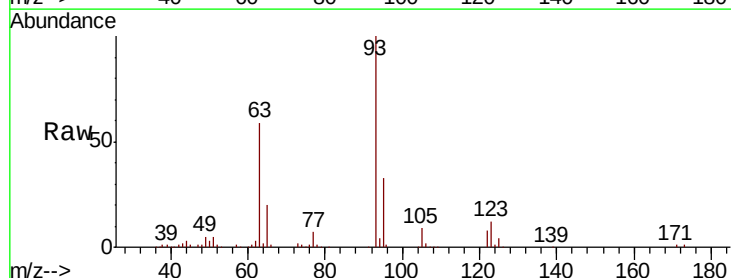


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

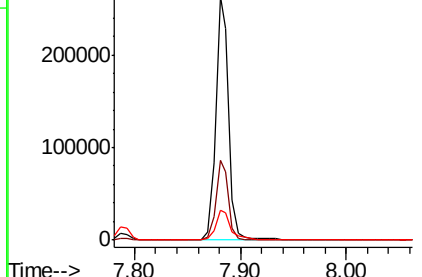
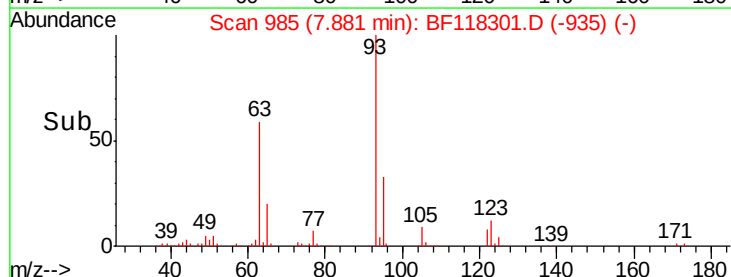


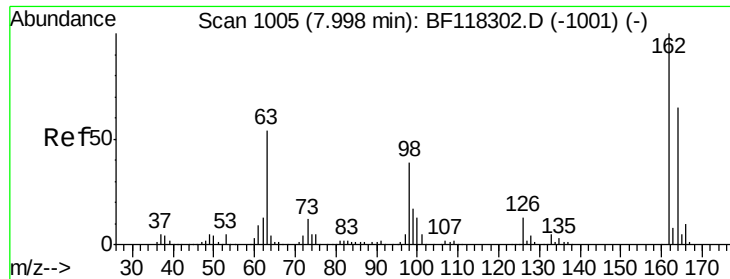
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.160 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Tgt Ion: 93 Resp: 228648
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 12.5 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

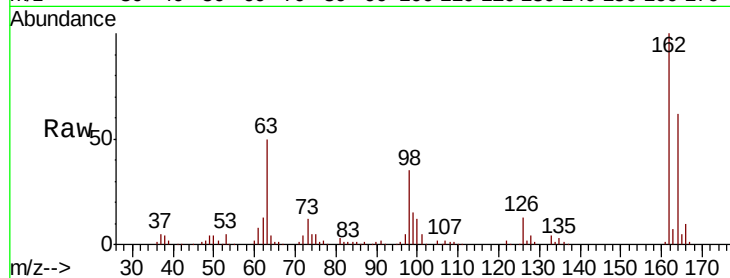




#29
2,4-Dichlorophenol
Concen: 20.942 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	45.1	85.1
98	35.2	18.6	58.6

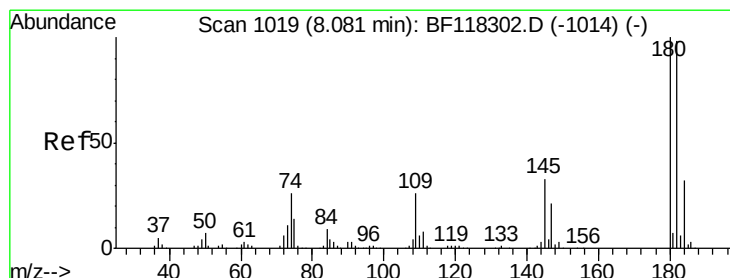
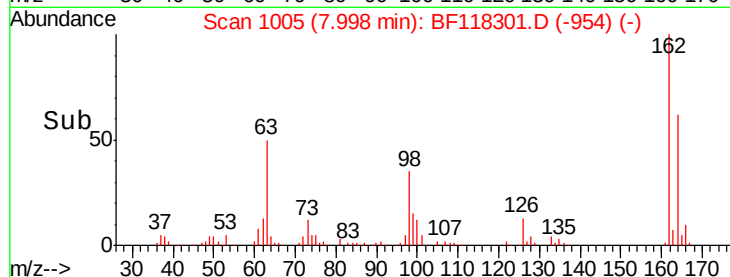
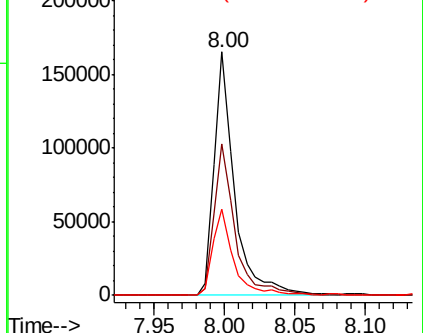


Abundance

Ion 162.00 (161.70 to 162.70): E

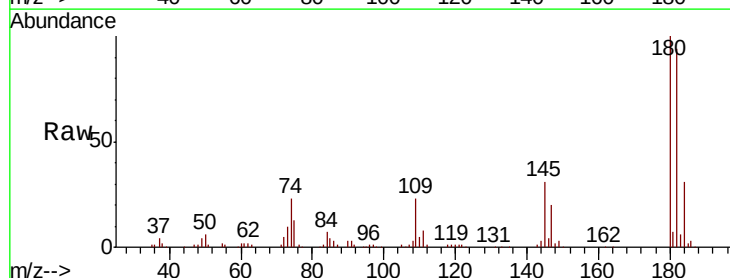
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 20.955 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.3	117.5
145	30.9	26.7	40.1

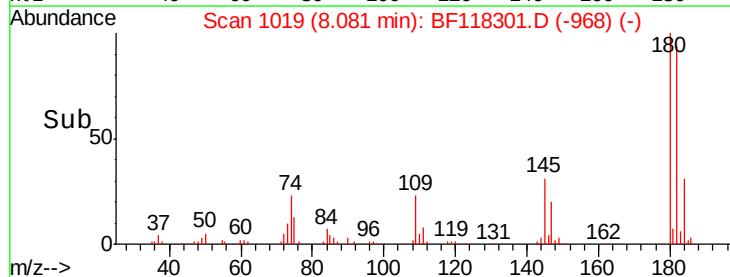
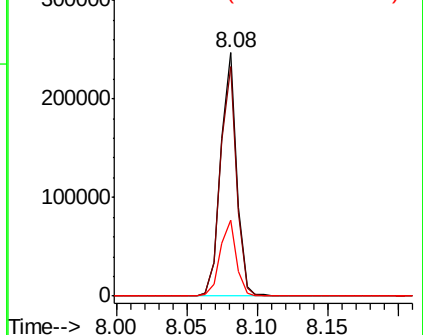


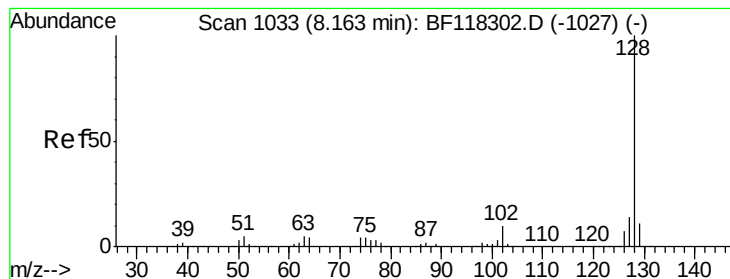
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 21.626 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

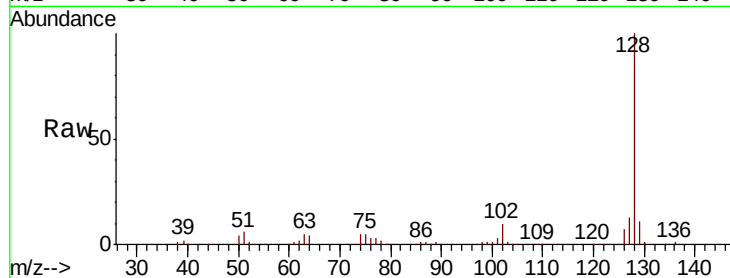
Tot Ion:128 Resp: 596065

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

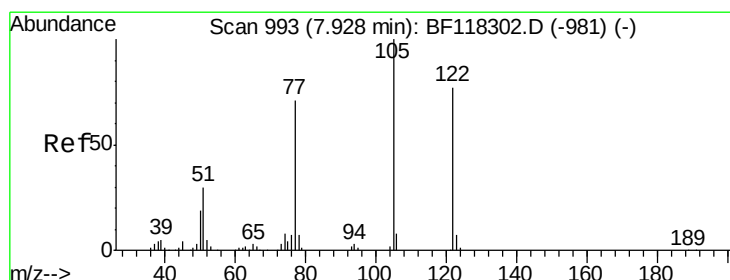
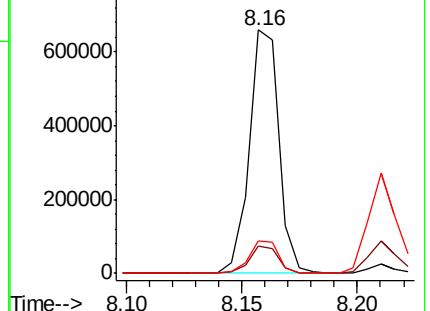
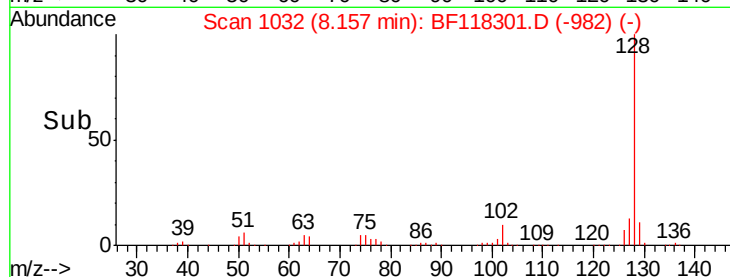
127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.117 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

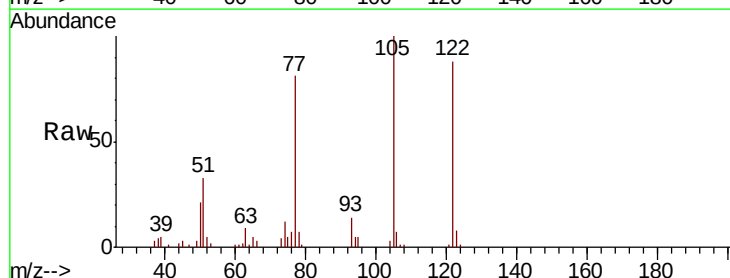
Tgt Ion:122 Resp: 93268

Ion Ratio Lower Upper

122 100

105 114.0 106.8 146.8

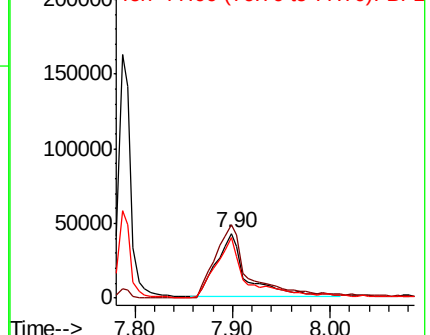
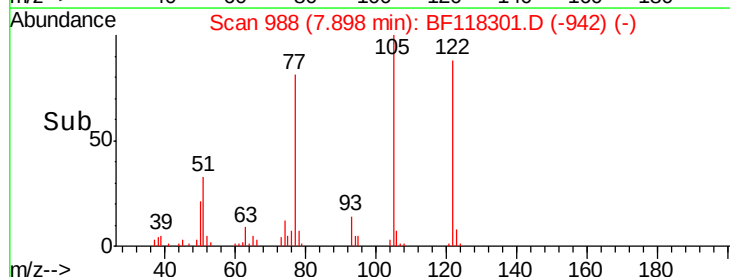
77 92.8 70.4 110.4

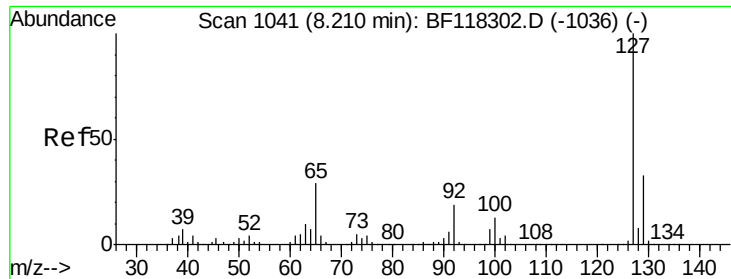


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

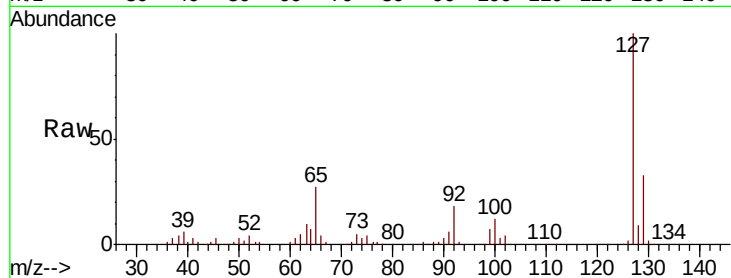




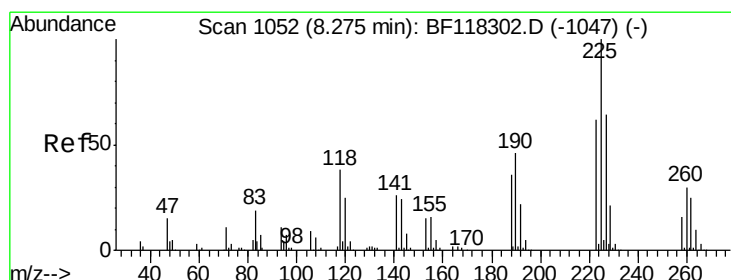
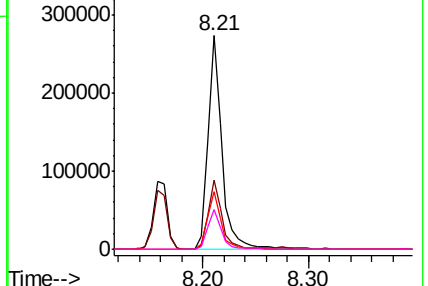
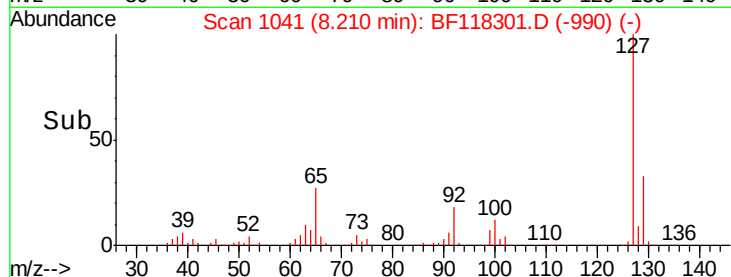
#33
4-Chloroaniline
Concen: 20.989 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	127	Resp:	249792
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	27.1	22.8	34.2
92	18.5	15.5	23.3

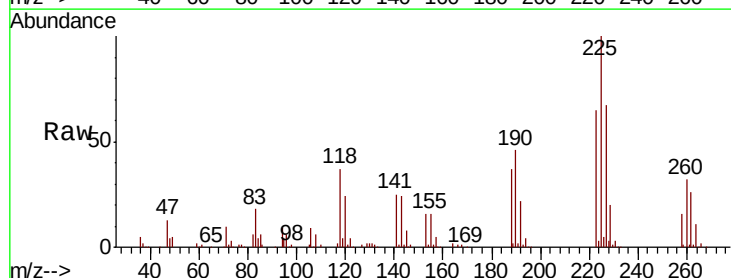


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

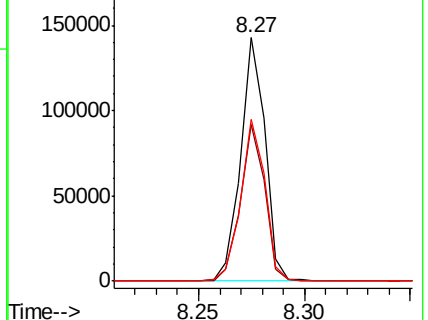
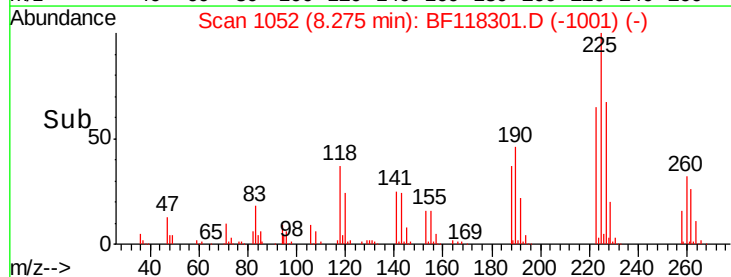


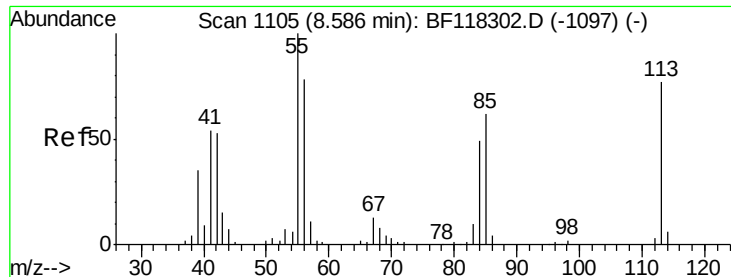
#34
Hexachlorobutadiene
Concen: 20.454 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:	225	Resp:	114181
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.5	74.3
227	66.6	51.0	76.4



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

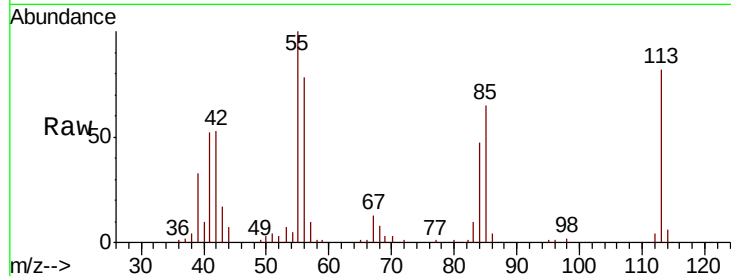




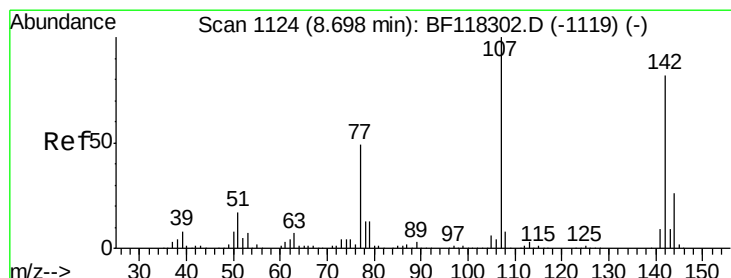
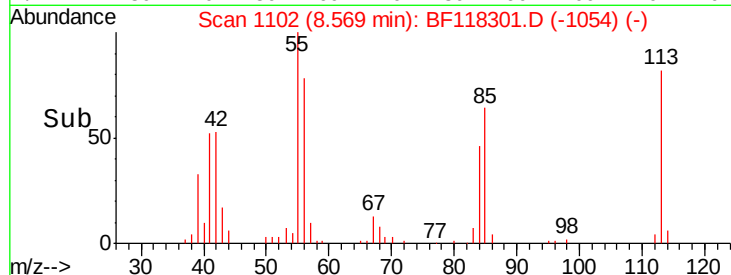
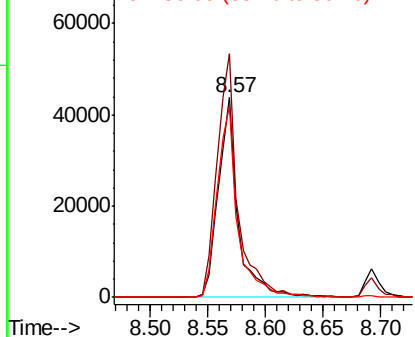
#35
 Caprolactam
 Concen: 21.392 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:113 Resp: 52551
 Ion Ratio Lower Upper
 113 100
 55 121.8 109.8 149.8
 56 95.4 81.7 121.7

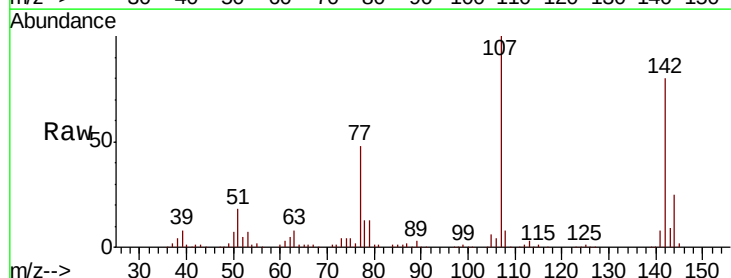


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

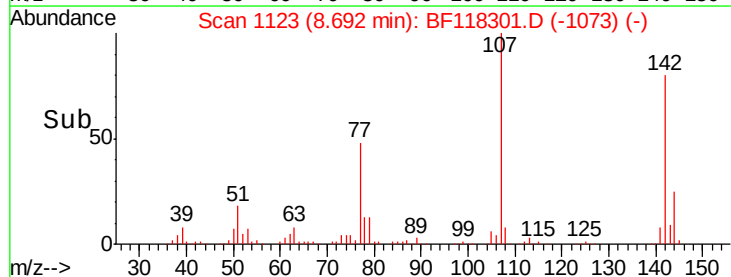
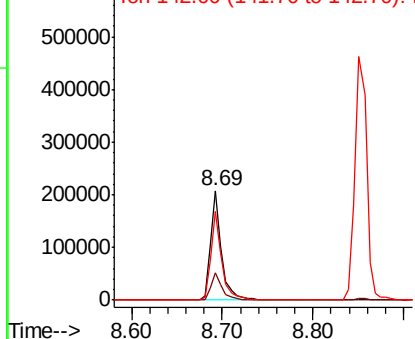


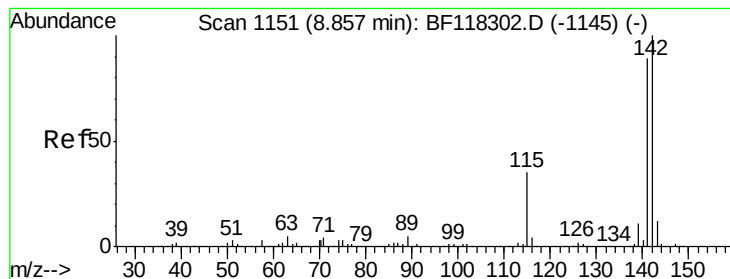
#36
 4-Chloro-3-methylphenol
 Concen: 21.443 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Tgt Ion:107 Resp: 179756
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.2 31.8
 142 80.5 65.4 98.2



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





#37

2-Methylnaphthalene

Concen: 21.919 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

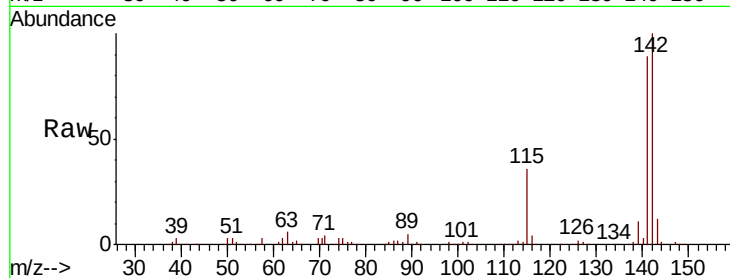
Tot Ion:142 Resp: 408995

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8

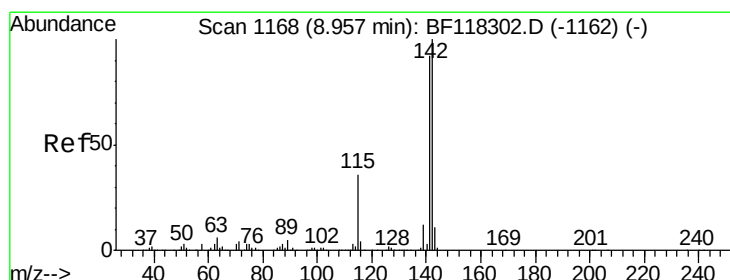
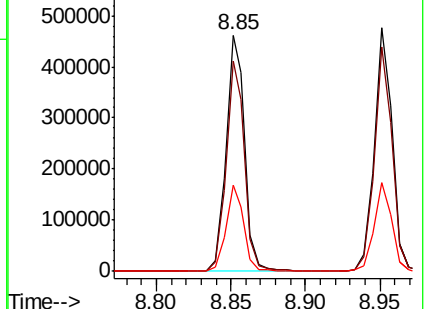
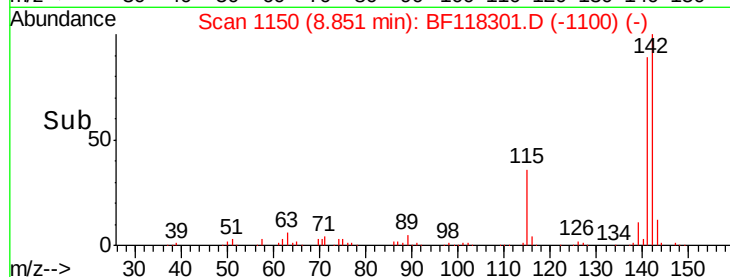
115 36.3 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 22.022 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

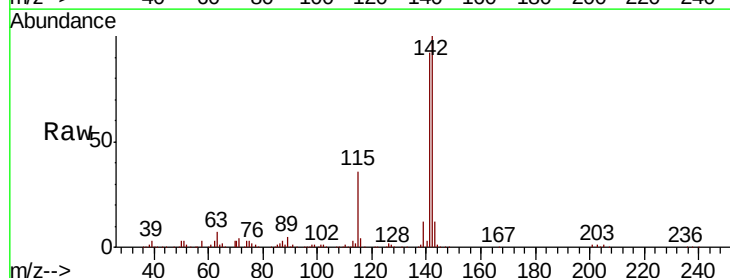
Tgt Ion:142 Resp: 385834

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

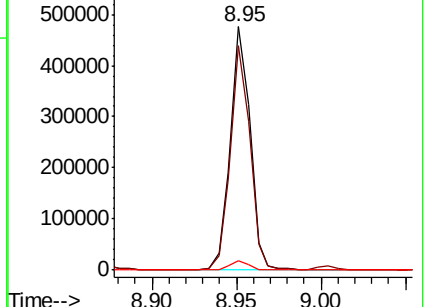
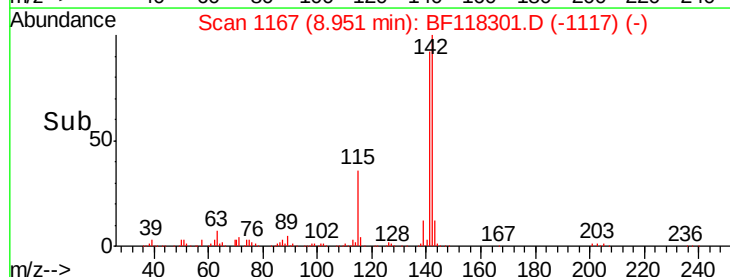
116 3.9 2.9 4.3

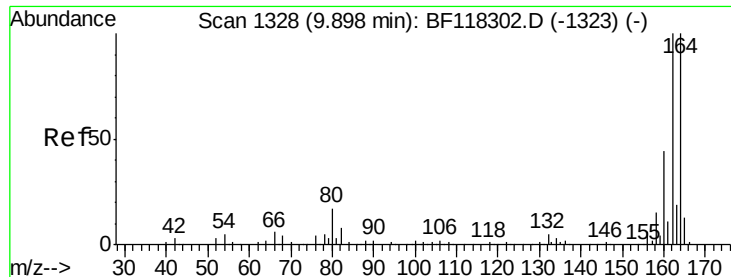


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampled :

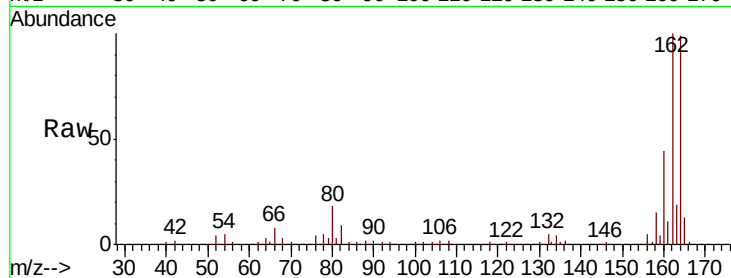
Tot Ion:164 Resp: 301032

Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

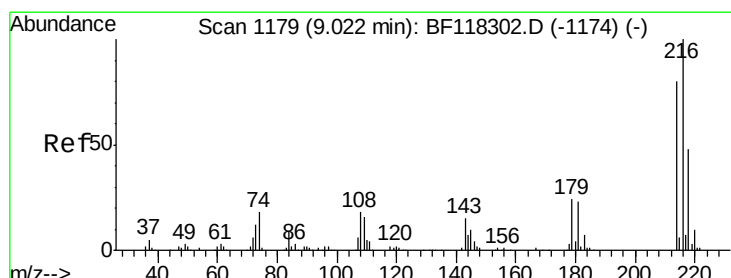
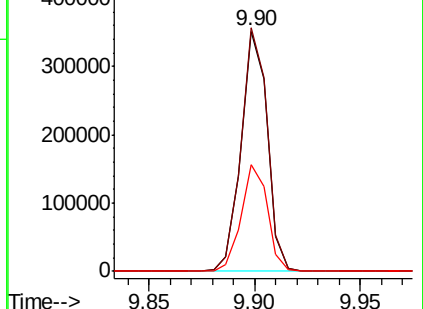
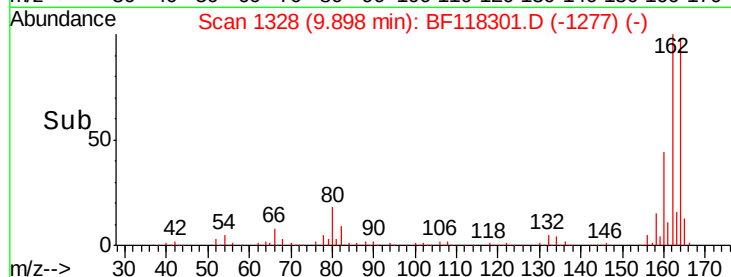
160 44.3 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.781 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Tgt Ion:216 Resp: 189510

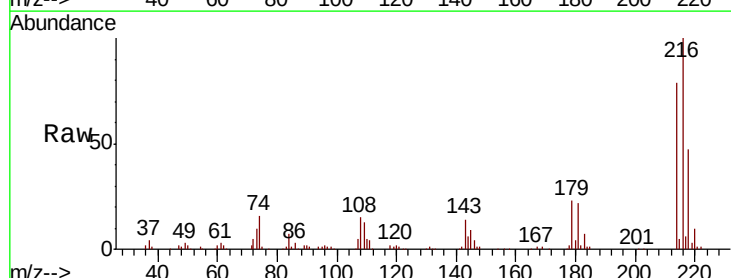
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 23.0 18.9 28.3

108 17.8 15.0 22.6

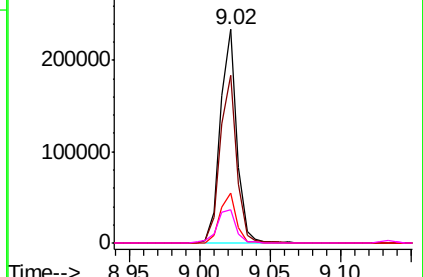
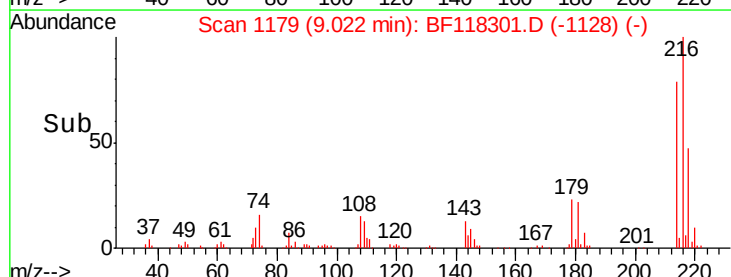


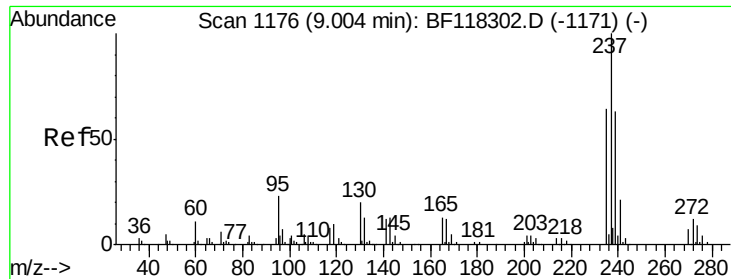
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.242 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

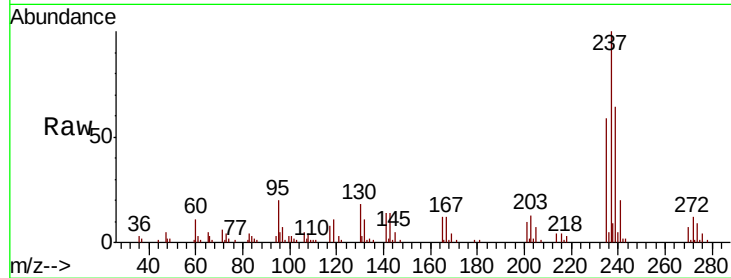
Tot Ion:237 Resp: 45933

Ion Ratio Lower Upper

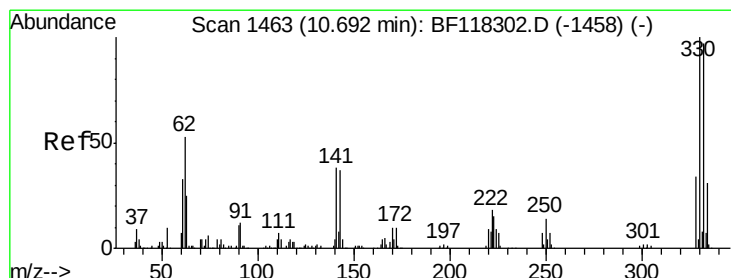
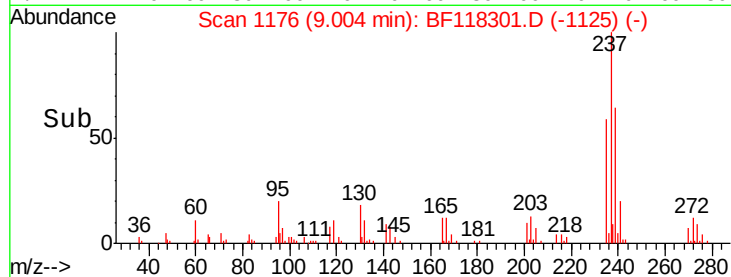
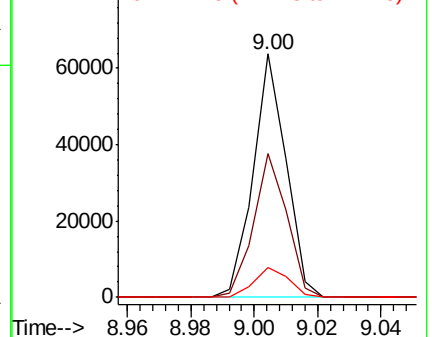
237 100

235 58.9 43.8 83.8

272 12.1 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 42.478 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

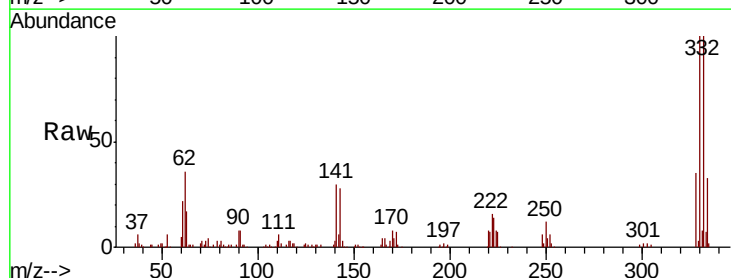
Tgt Ion:330 Resp: 155343

Ion Ratio Lower Upper

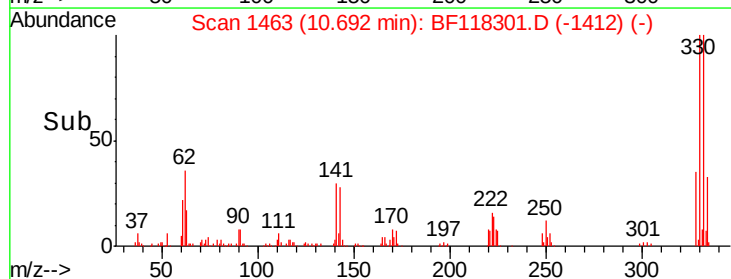
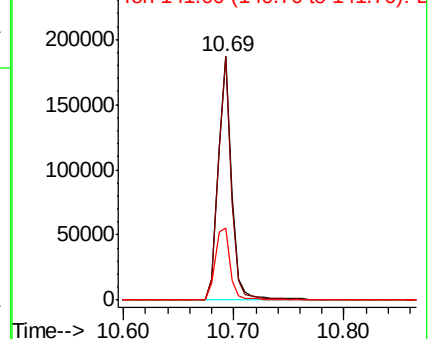
330 100

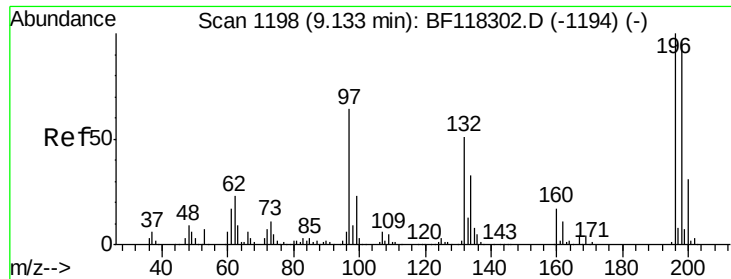
332 97.8 76.6 114.8

141 33.0 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

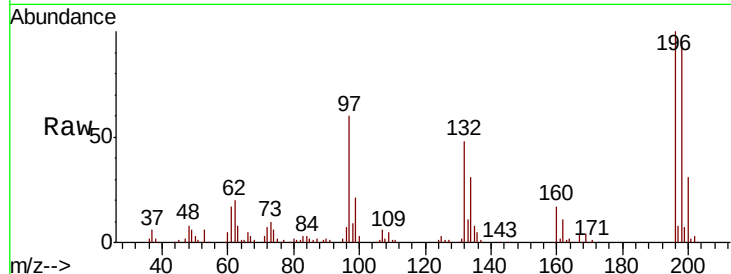




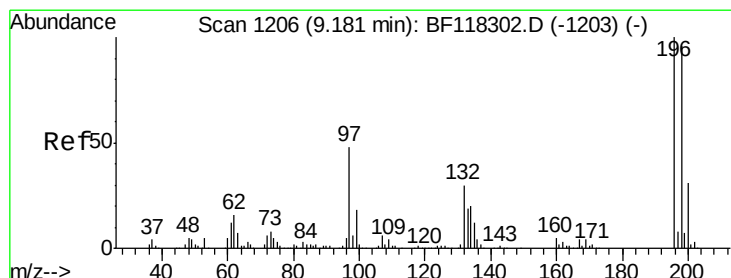
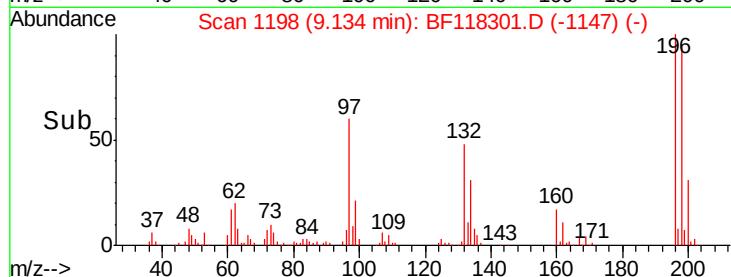
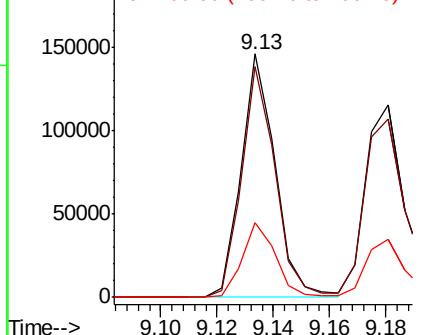
#43
 2,4,6-Trichlorophenol
 Concen: 20.049 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:196 Resp: 122074
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 200 30.7 24.8 37.2

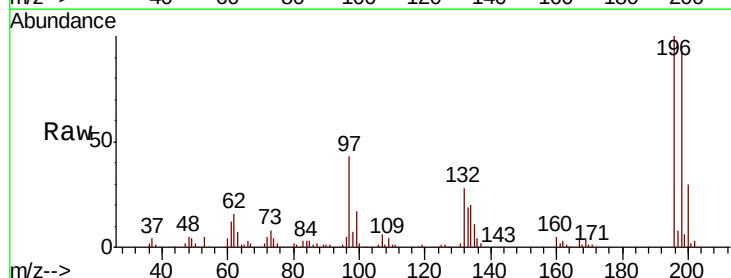


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

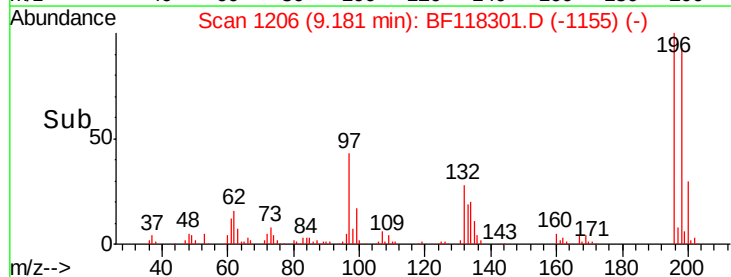
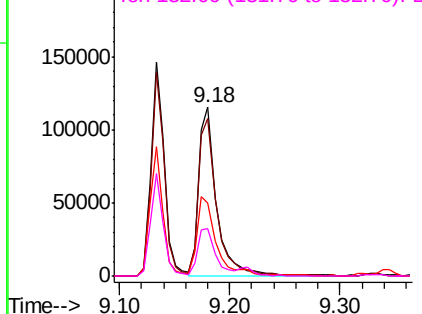


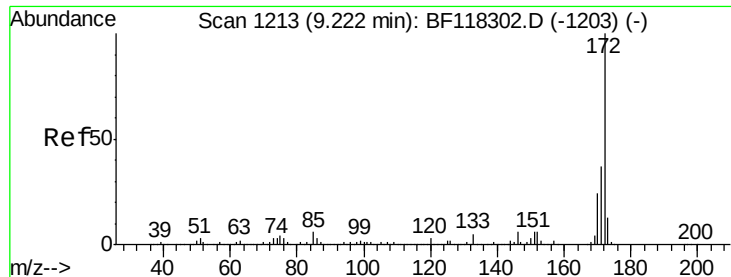
#44
 2,4,5-Trichlorophenol
 Concen: 20.043 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Tgt Ion:196 Resp: 126438
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.0 115.4
 97 43.2 38.9 58.3
 132 27.8 23.9 35.9



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

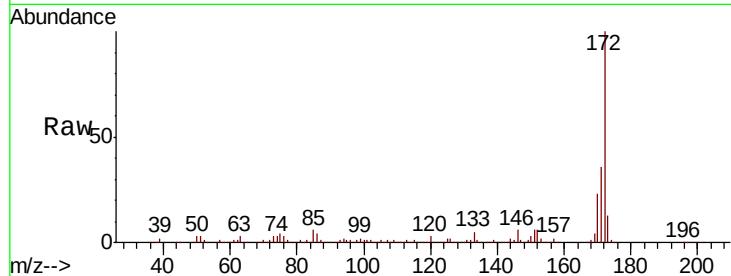




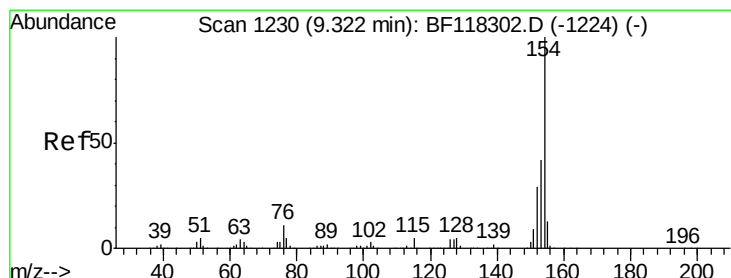
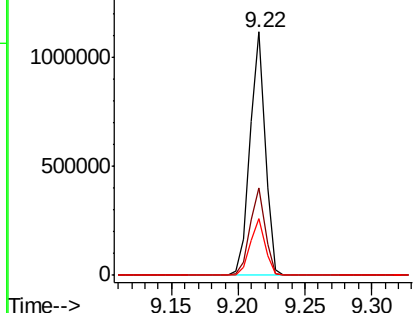
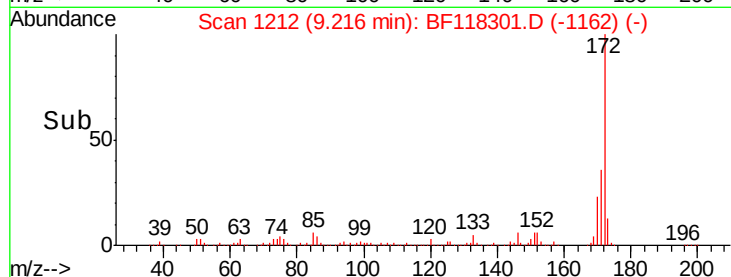
#45
 2-Fluorobiphenyl
 Concen: 43.628 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.5	19.2	28.8

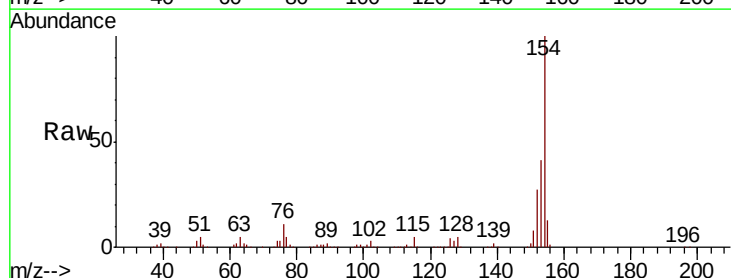


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

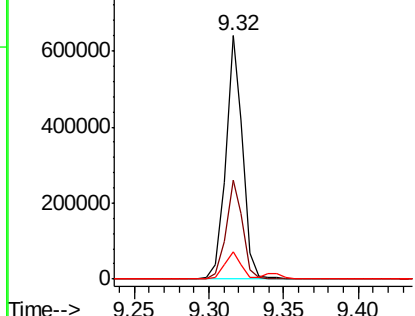
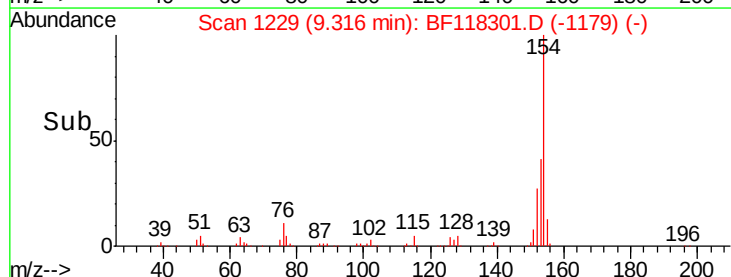


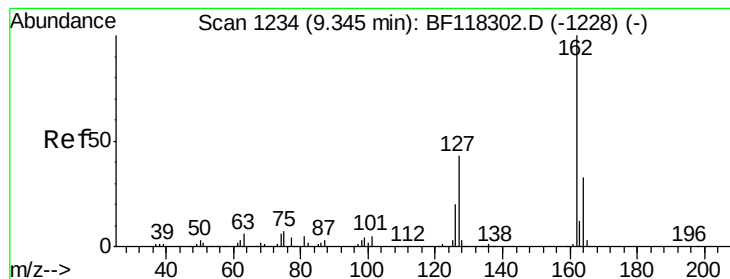
#46
 1,1'-Biphenyl
 Concen: 21.412 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF118301.D
 Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.8	61.8
76	11.3	0.0	30.9



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





#47

2-Chloronaphthalene

Concen: 21.192 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

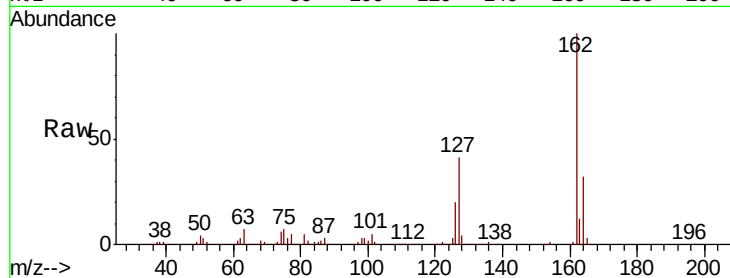
Tot Ion:162 Resp: 404737

Ion Ratio Lower Upper

162 100

127 41.1 35.0 52.4

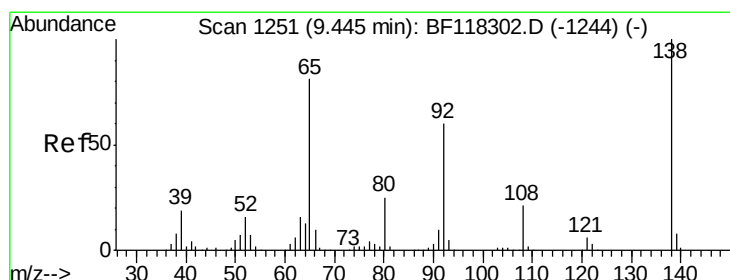
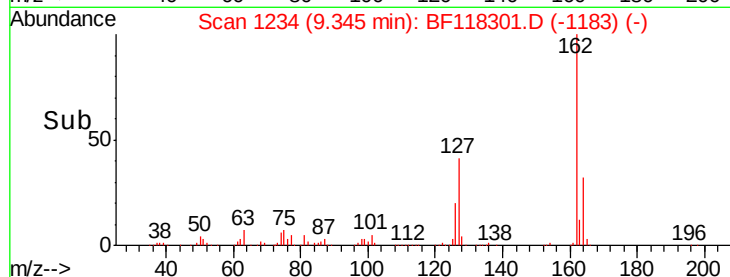
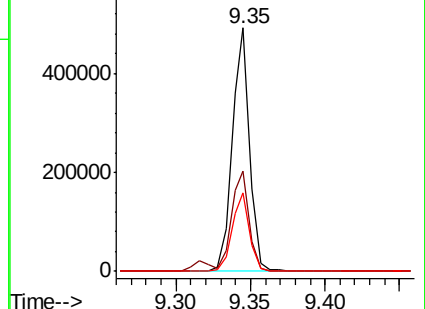
164 32.1 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 20.549 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

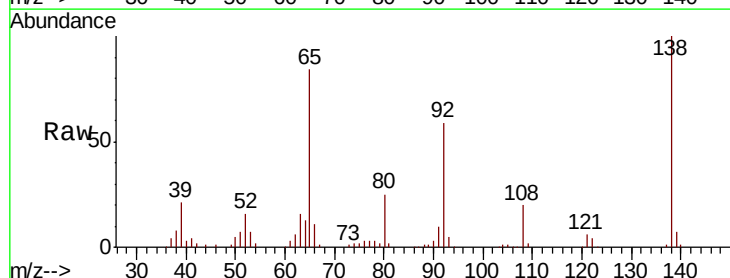
Tgt Ion: 65 Resp: 111914

Ion Ratio Lower Upper

65 100

92 71.1 58.7 88.1

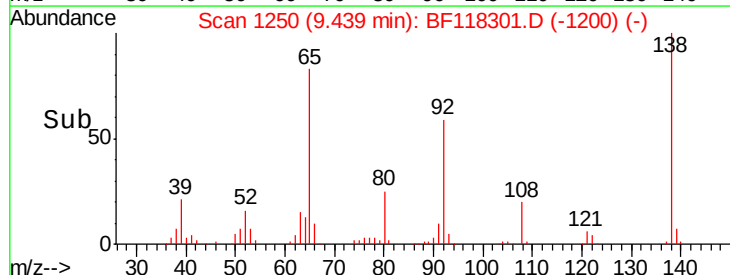
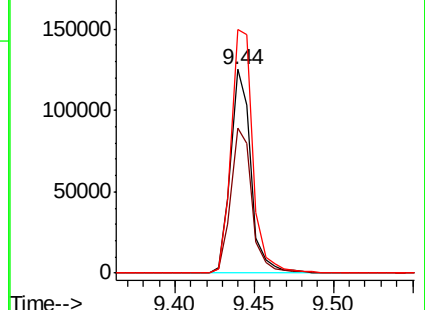
138 119.8 98.5 147.7

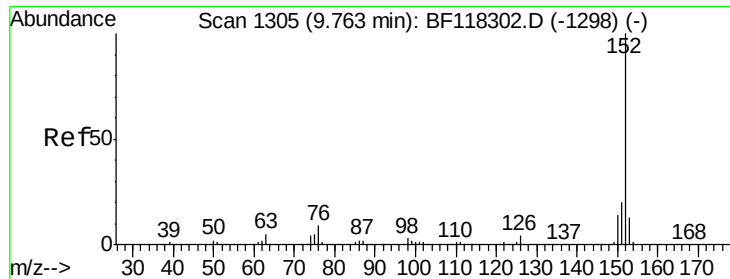


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.600 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

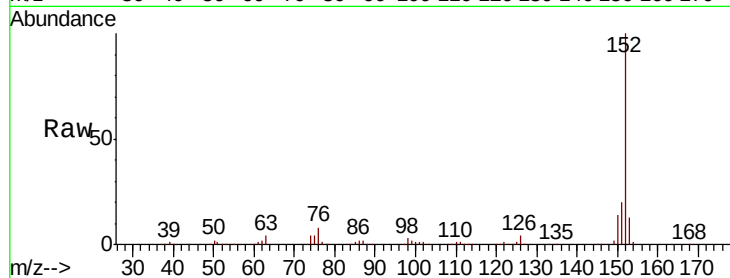
Tot Ion:152 Resp: 608432

Ion Ratio Lower Upper

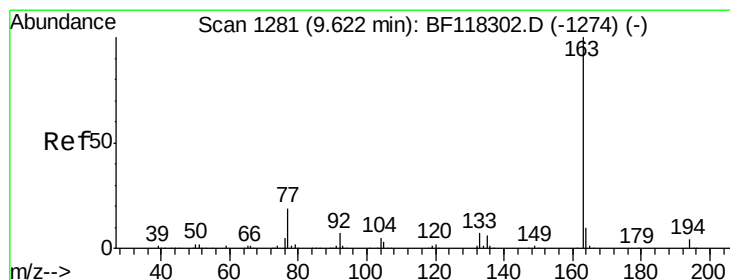
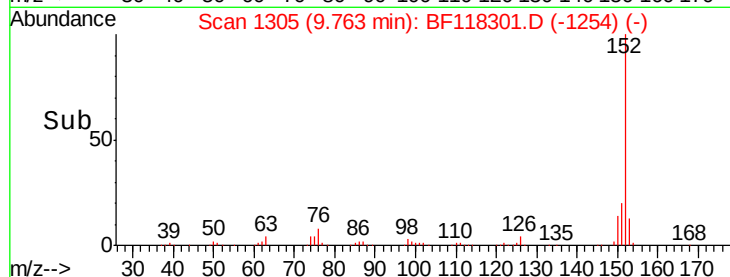
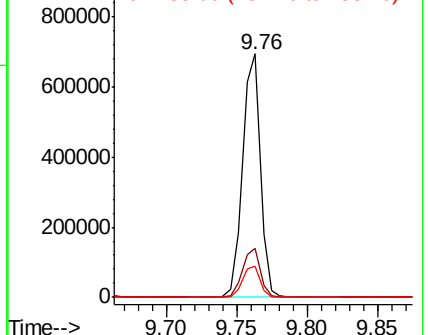
152 100

151 20.2 16.2 24.2

153 12.7 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 21.437 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

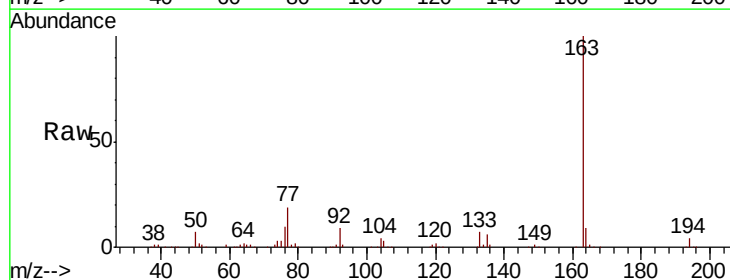
Tgt Ion:163 Resp: 476664

Ion Ratio Lower Upper

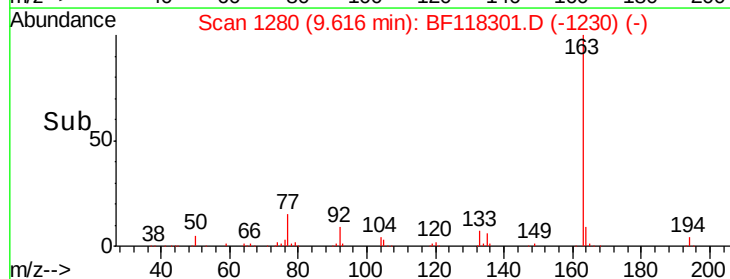
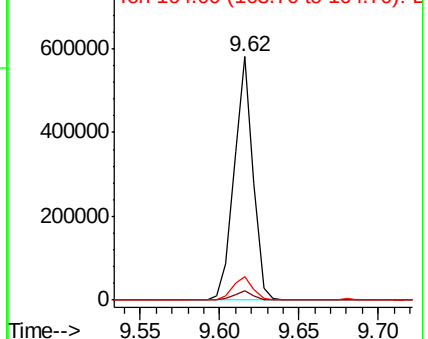
163 100

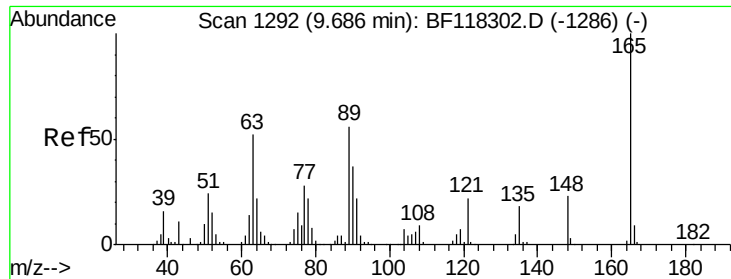
194 3.7 3.2 4.8

164 9.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

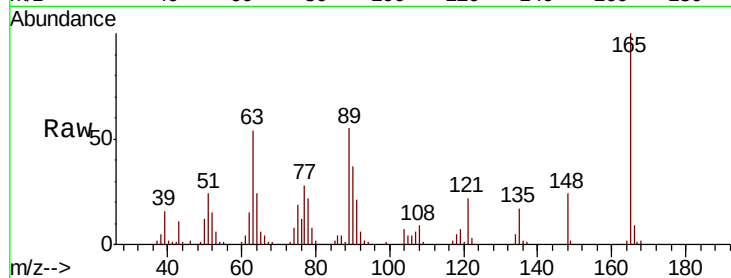




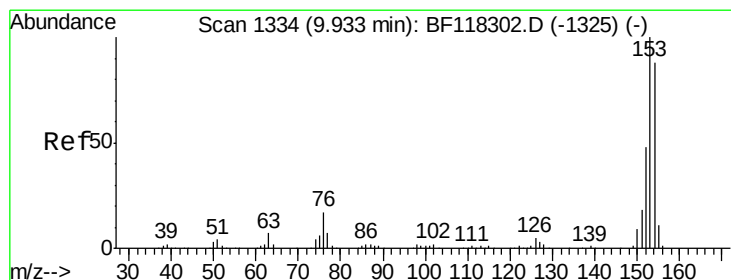
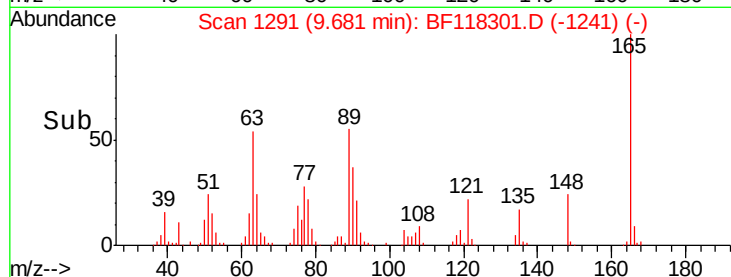
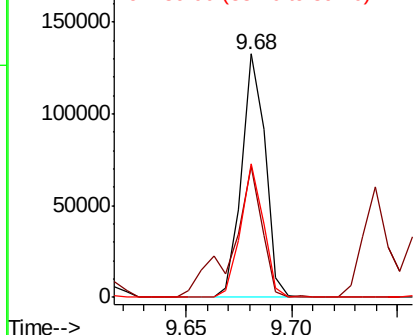
#51
2,6-Dinitrotoluene
Concen: 21.163 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	42.2	63.4
89	54.8	44.4	66.6

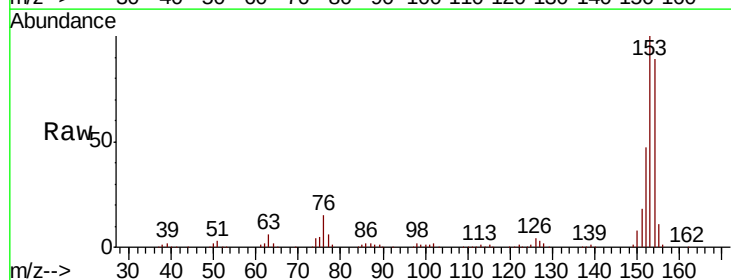


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

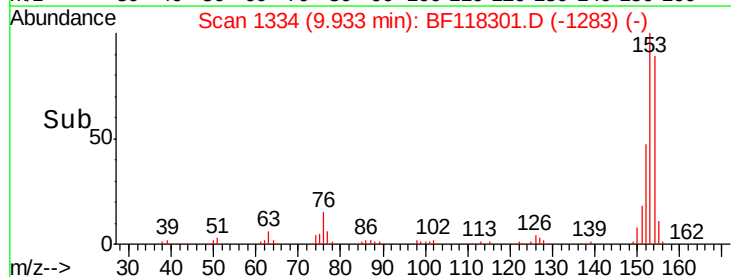
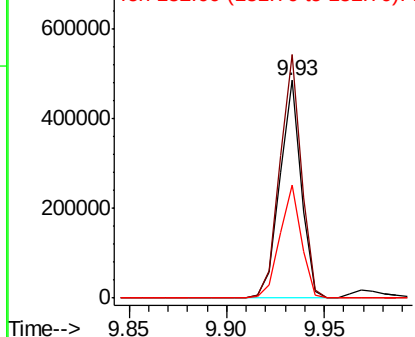


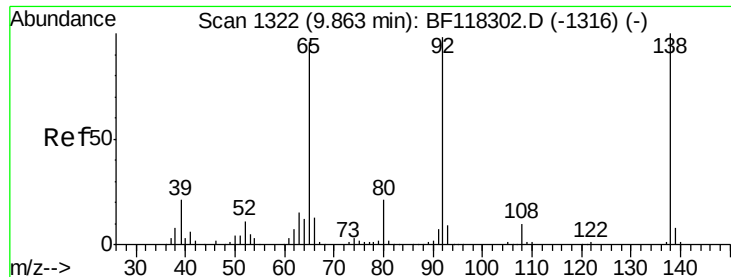
#52
Acenaphthene
Concen: 21.400 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.6	136.0
152	52.2	43.1	64.7



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

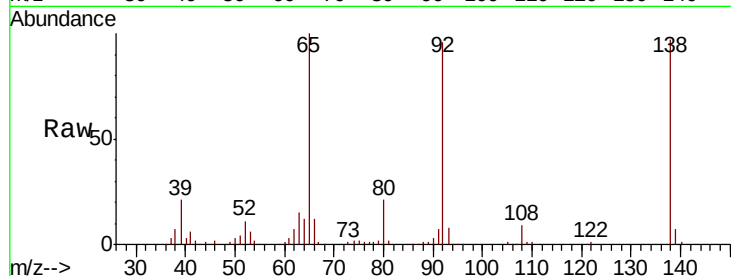




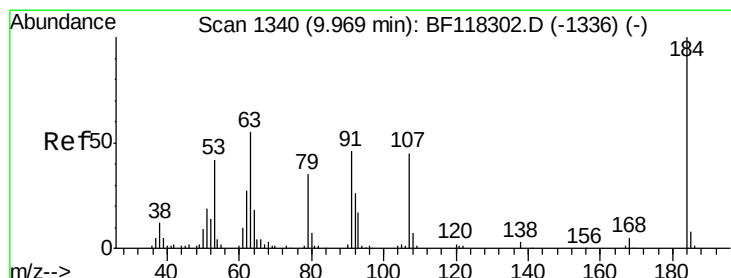
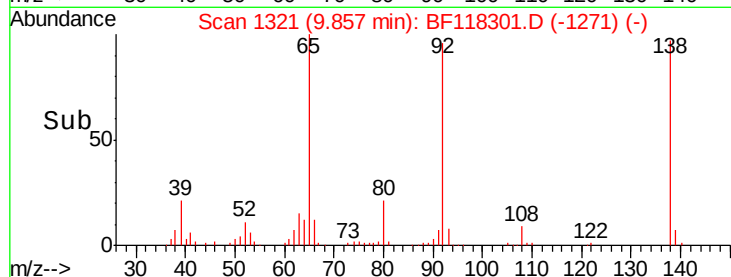
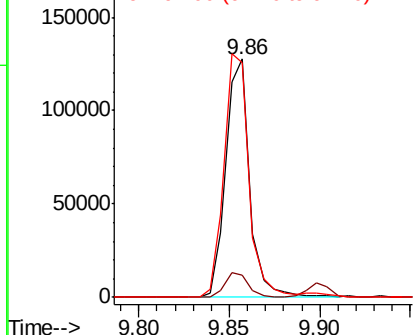
#53
3-Nitroaniline
Concen: 20.711 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:138 Resp: 117848
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.8
92 98.8 78.2 117.2

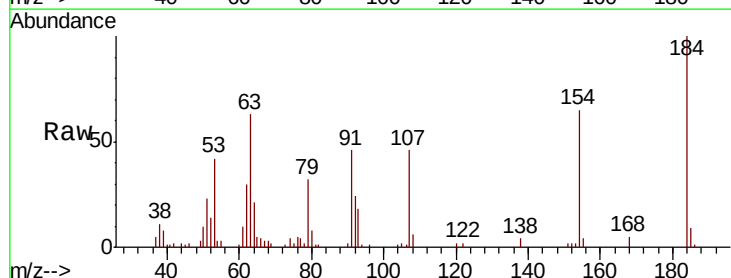


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

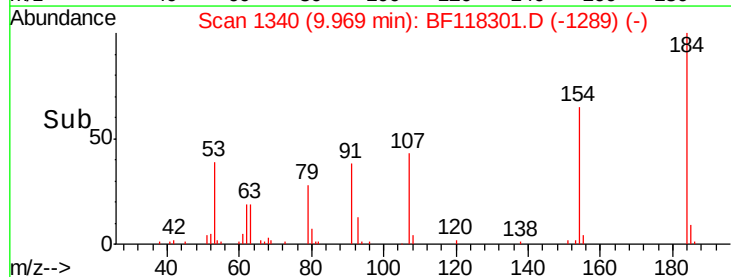
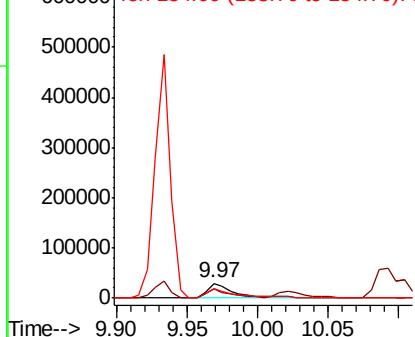


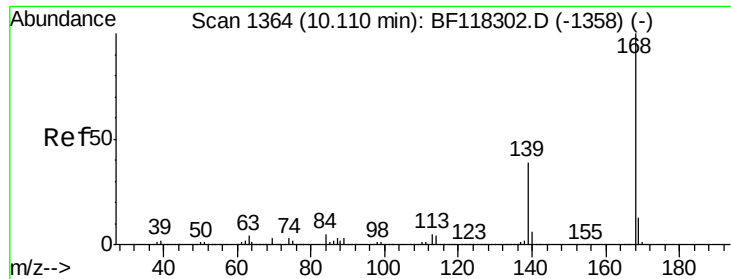
#54
2,4-Dinitrophenol
Concen: 16.489 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:184 Resp: 39663
Ion Ratio Lower Upper
184 100
63 62.5 48.8 73.2
154 65.3 55.0 82.4



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

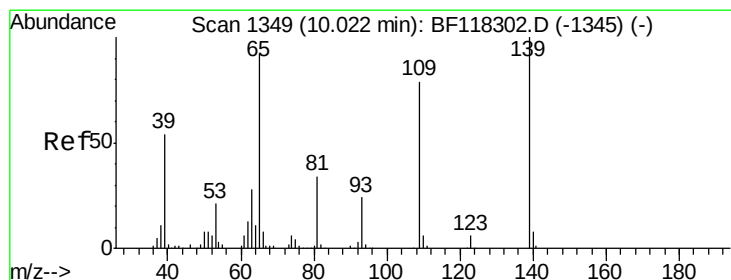
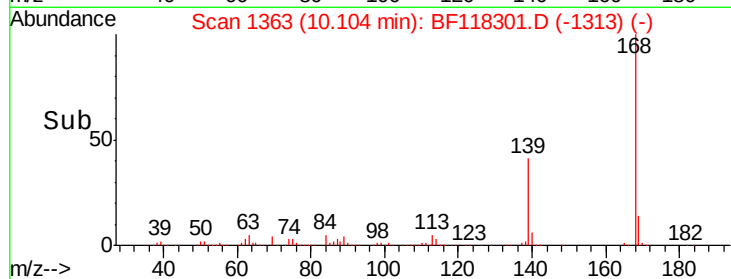
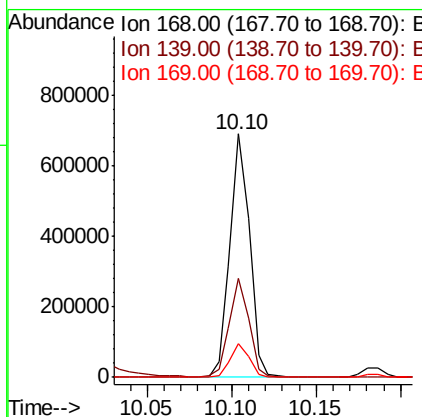
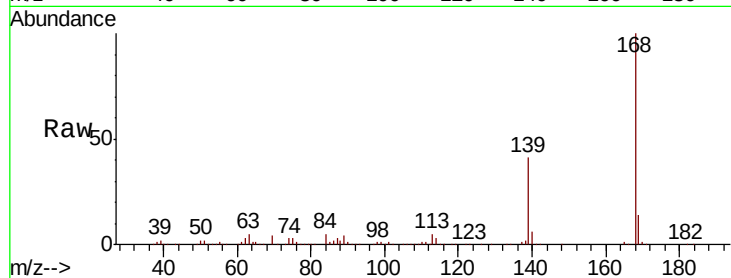




#55
Dibenzofuran
Concen: 22.181 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

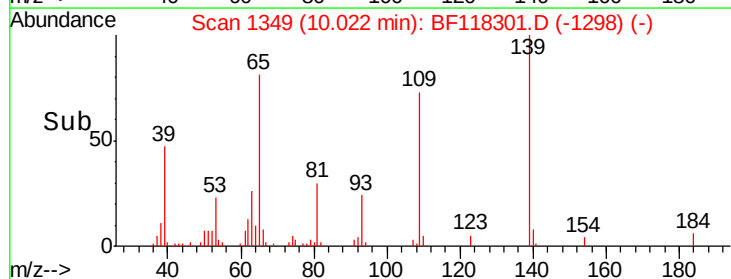
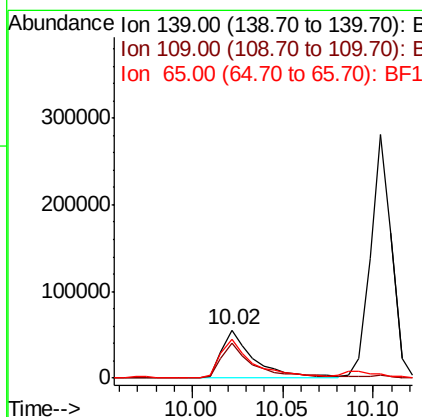
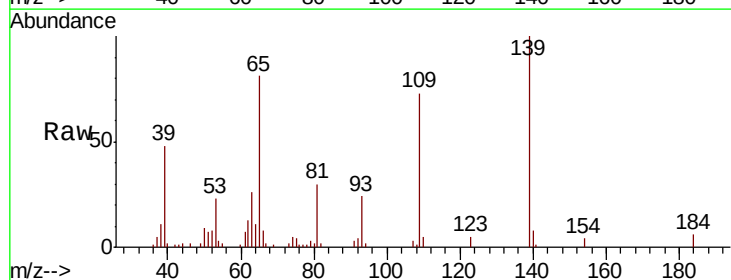
Instrument :
BNA_E
ClientSampleId :

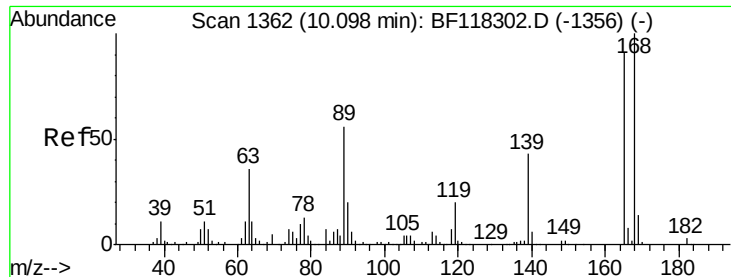
Tot Ion:168 Resp: 558813
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 17.686 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:139 Resp: 69840
Ion Ratio Lower Upper
139 100
109 73.3 59.3 99.3
65 80.9 72.4 112.4

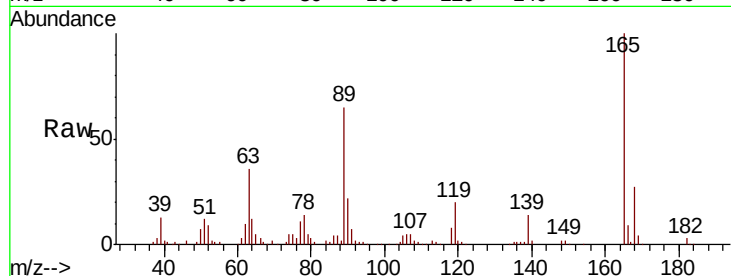




#57
2,4-Dinitrotoluene
Concen: 21.593 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	32.0	48.0
89	65.1	49.3	73.9
182	3.2	2.4	3.6



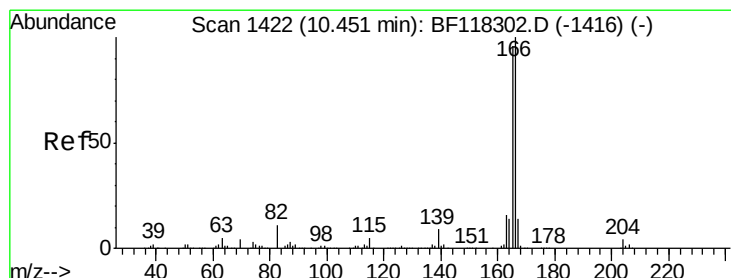
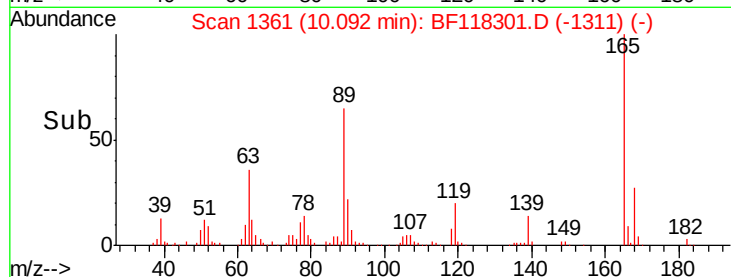
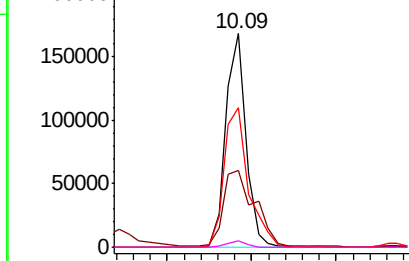
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

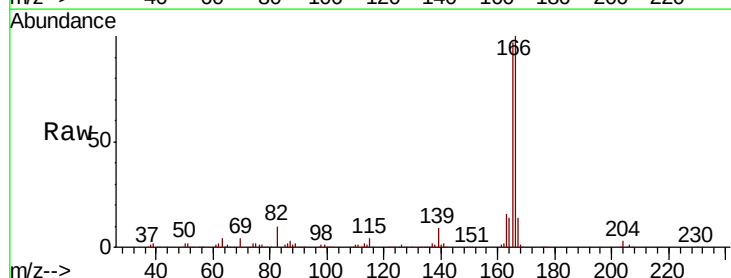
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 22.229 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.0	115.4
167	13.7	10.9	16.3

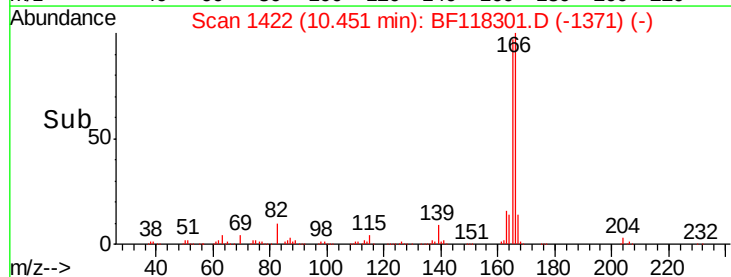
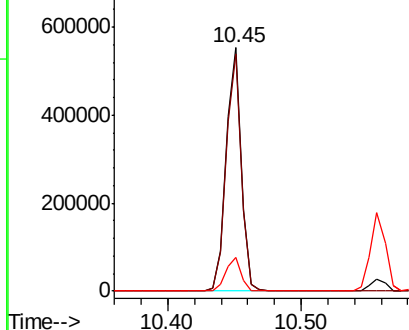


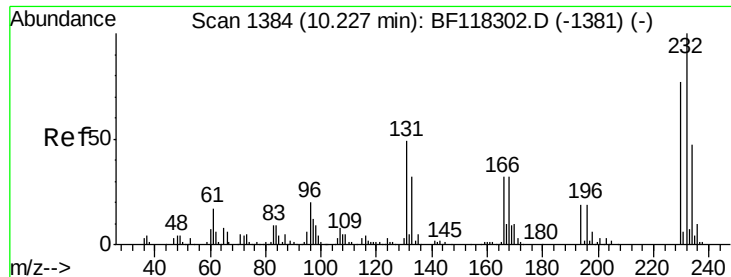
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

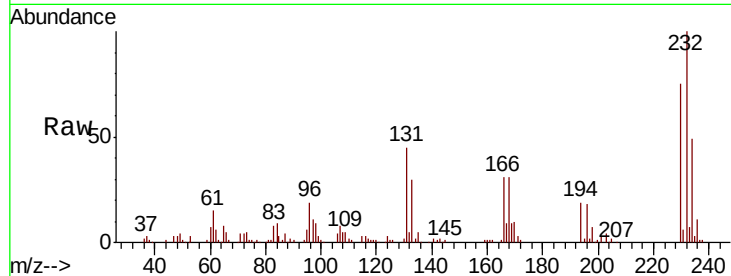




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.626 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.7	56.5
130	2.2	2.0	3.0
166	32.1	24.7	37.1



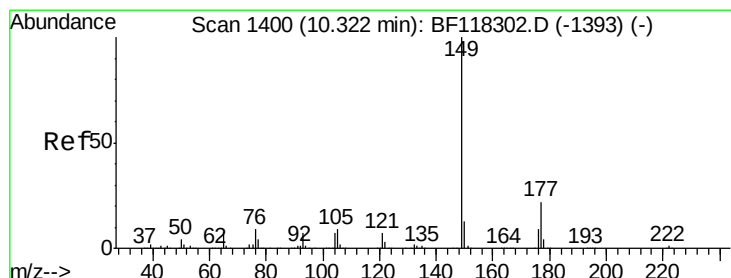
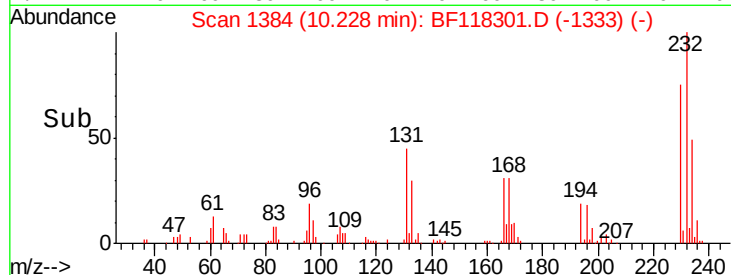
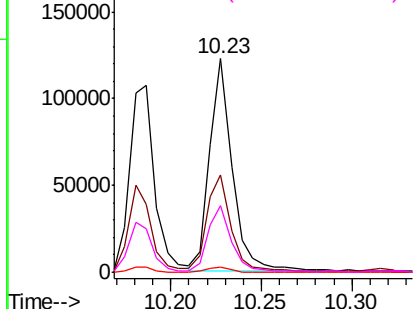
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

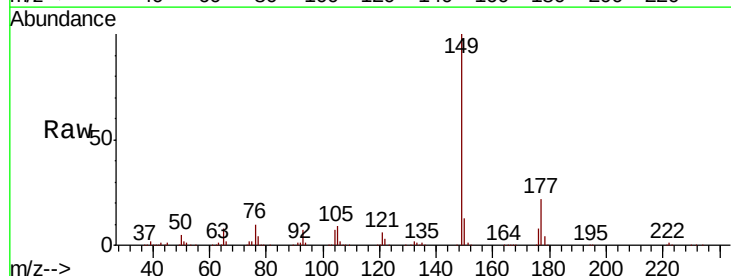
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 21.955 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	12.7	10.2	15.2

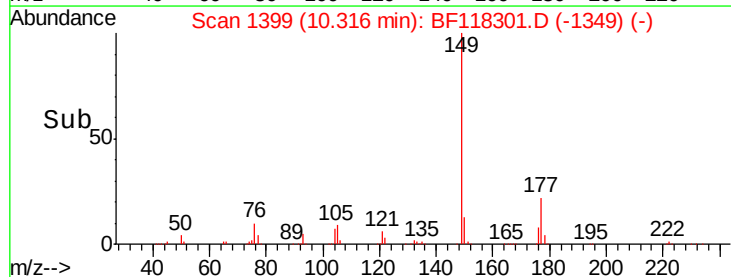
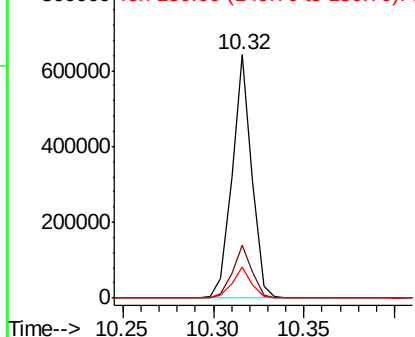


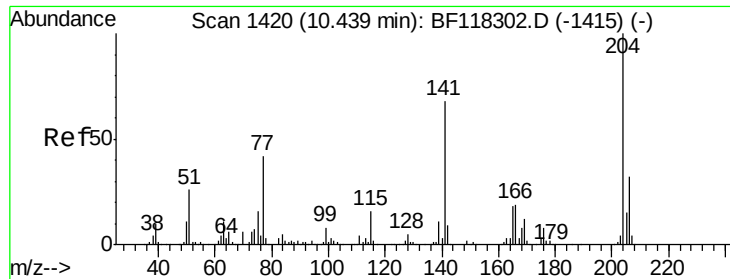
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

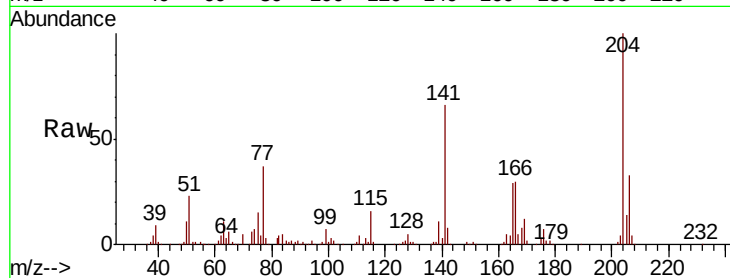




#61
4-Chlorophenyl-phenylether
Concen: 22.174 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.8	38.8
141	65.6	54.2	81.4

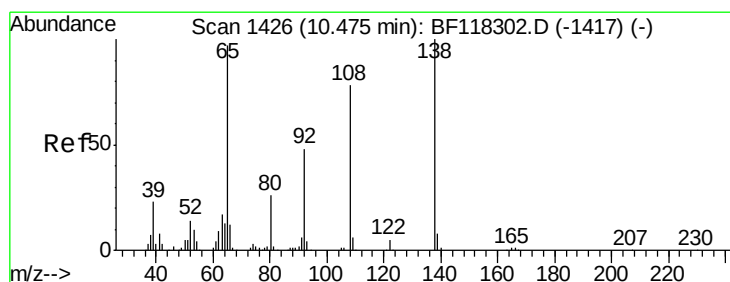
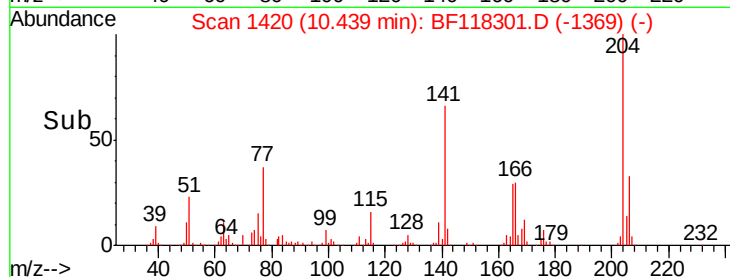
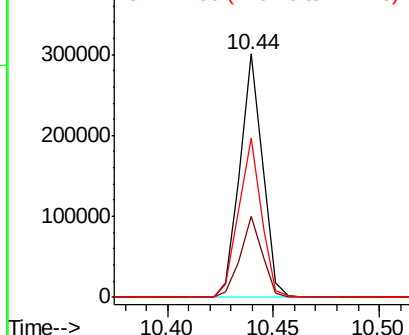


Abundance

Ion 204.00 (203.70 to 204.70): E

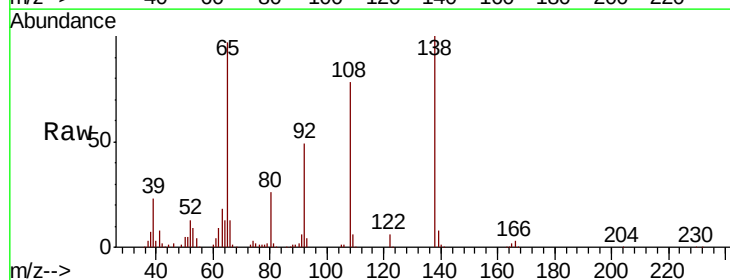
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 21.025 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.9	67.9
108	77.8	58.1	98.1

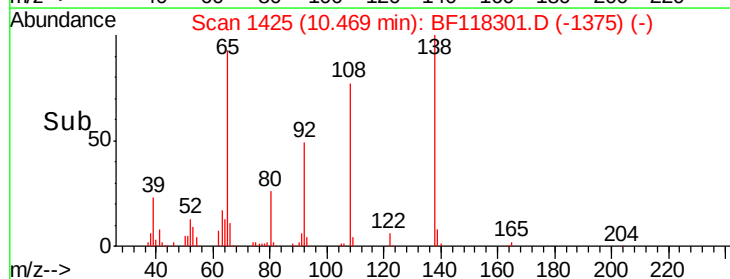
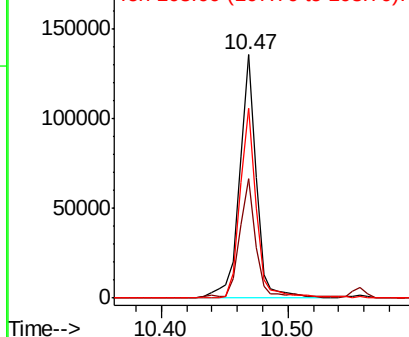


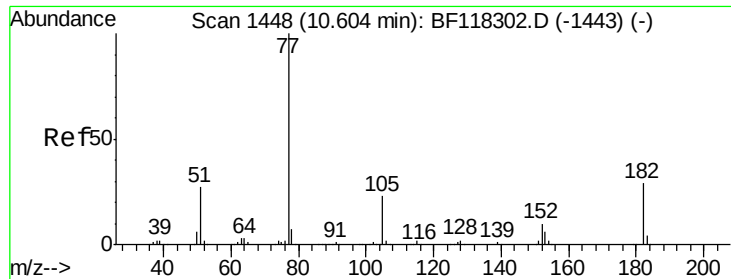
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

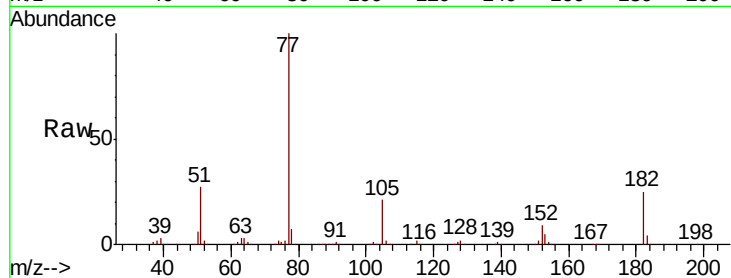




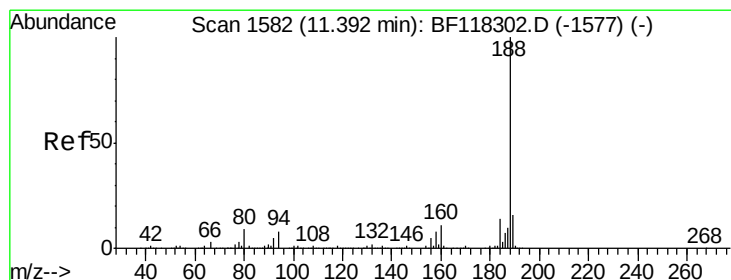
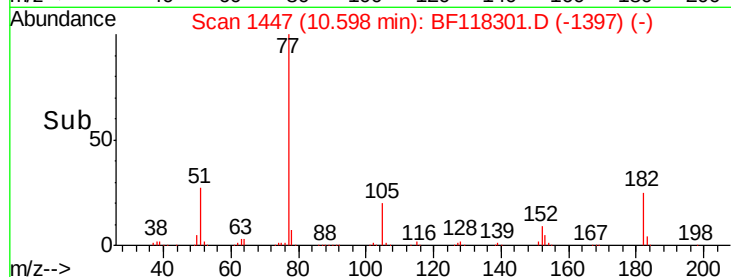
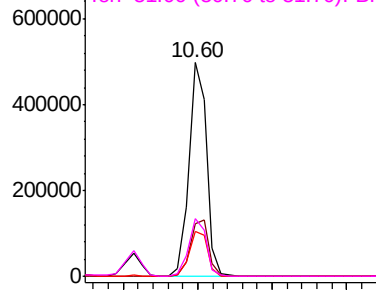
#63
Azobenzene
Concen: 21.995 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	77	Resp:	411343
Ion	Ratio	Lower	Upper
77	100		
182	24.6	9.2	49.2
105	20.7	3.2	43.2
51	27.3	7.1	47.1

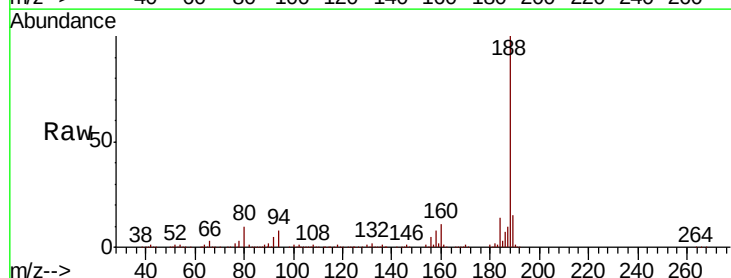


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

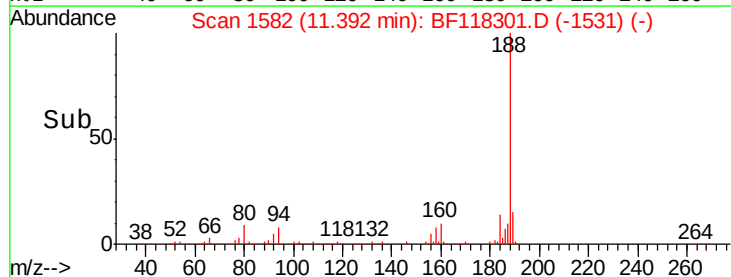
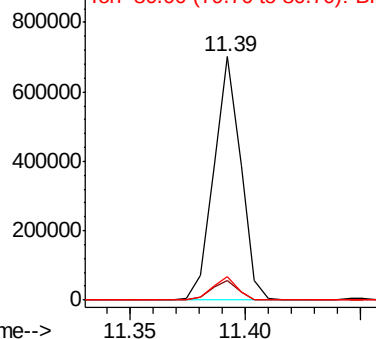


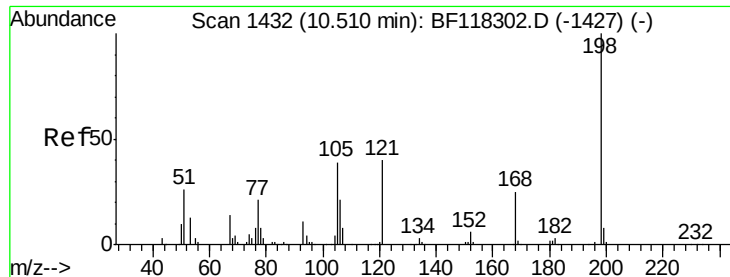
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:	188	Resp:	573212
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.5	7.2	10.8



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

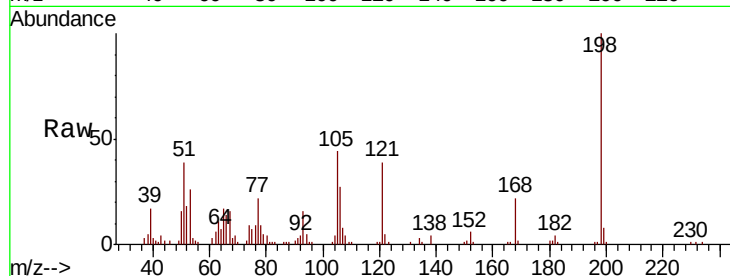




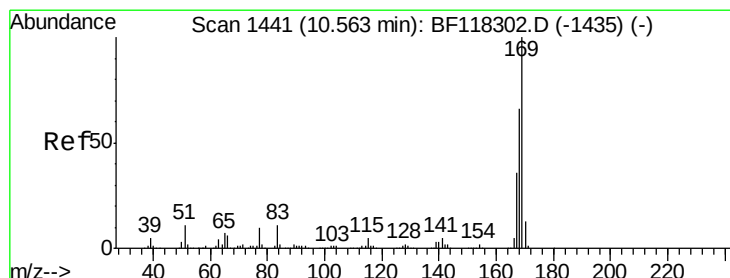
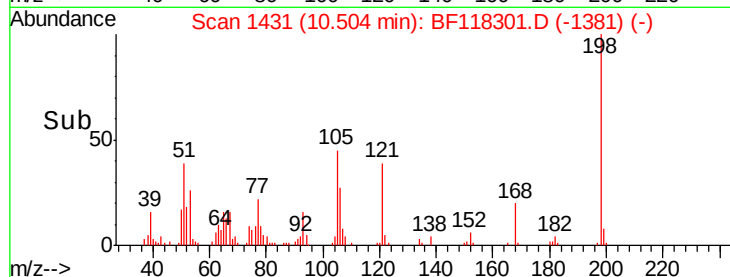
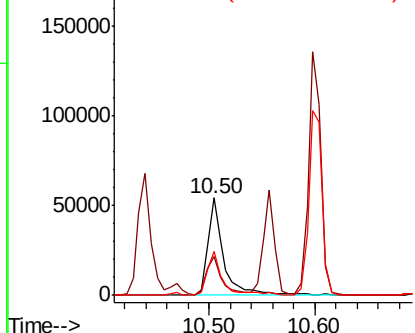
#65
4,6-Dinitro-2-methylphenol
Concen: 18.039 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:198 Resp: 57104
Ion Ratio Lower Upper
198 100
51 39.2 12.8 52.8
105 44.4 20.3 60.3

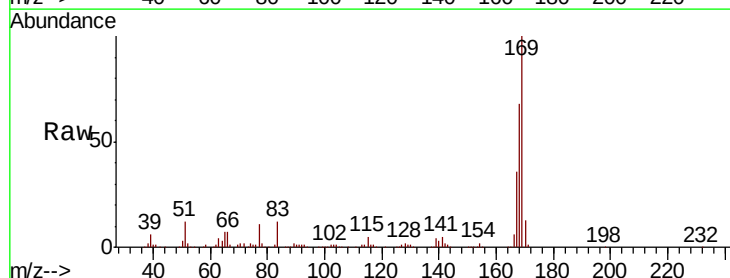


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

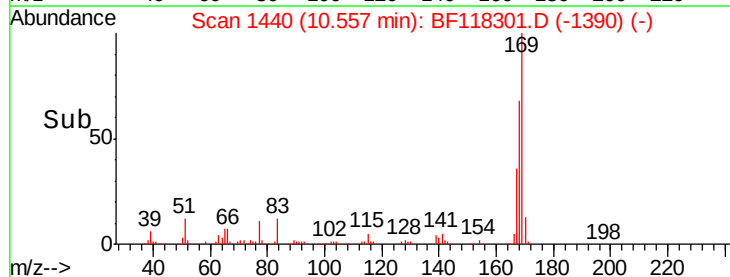
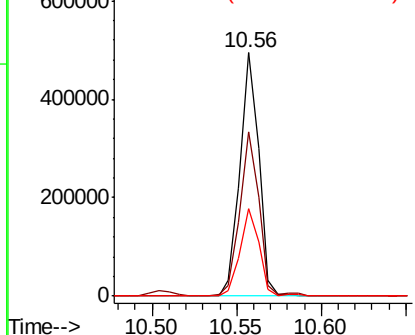


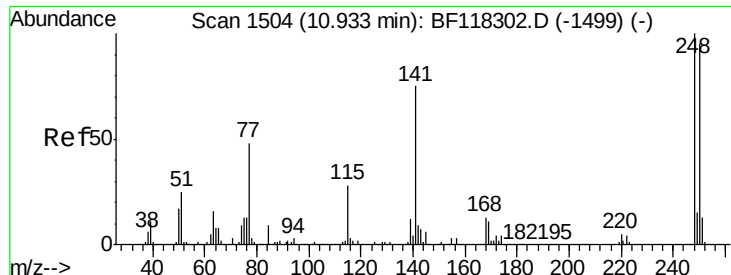
#66
n-Nitrosodiphenylamine
Concen: 21.492 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:169 Resp: 384710
Ion Ratio Lower Upper
169 100
168 67.7 52.6 79.0
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

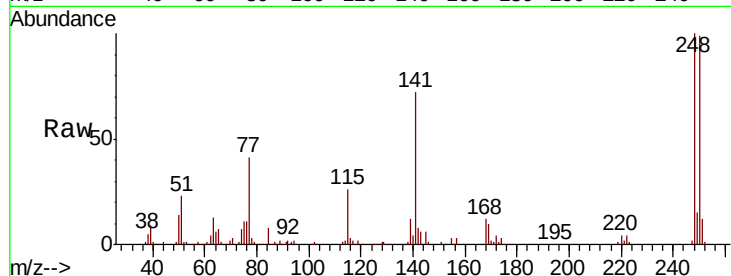




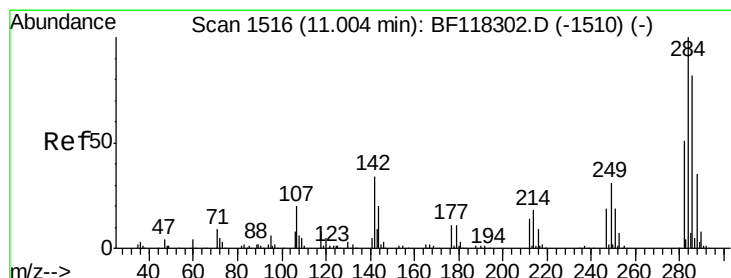
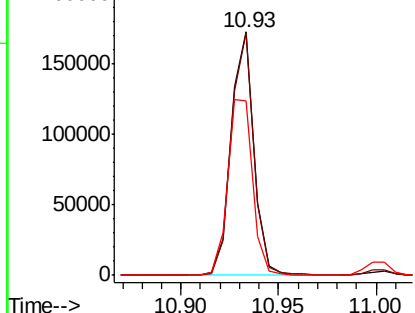
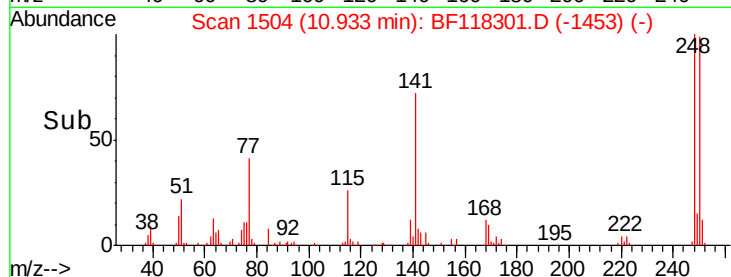
#67
4-Bromophenyl-phenylether
Concen: 21.297 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 139353
Ion Ratio Lower Upper
248 100
250 99.4 76.4 114.6
141 71.5 60.2 90.2

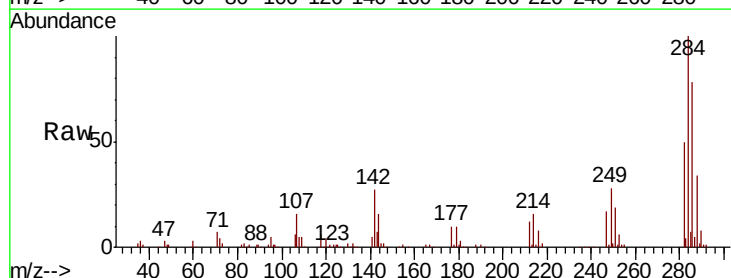


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

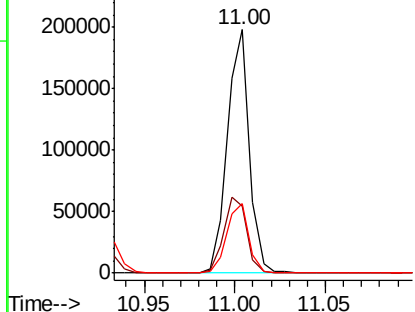
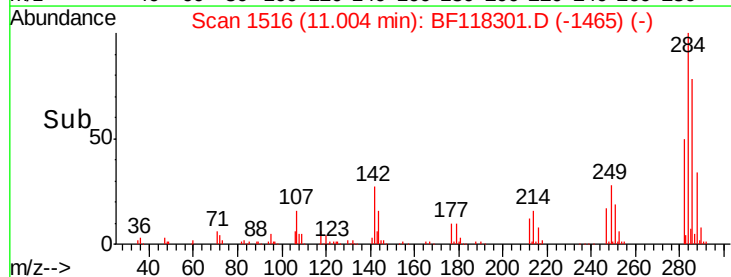


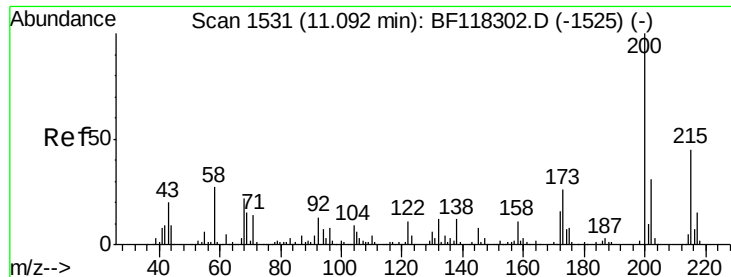
#68
Hexachlorobenzene
Concen: 21.623 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:284 Resp: 166529
Ion Ratio Lower Upper
284 100
142 27.5 27.3 40.9
249 28.4 25.0 37.6



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

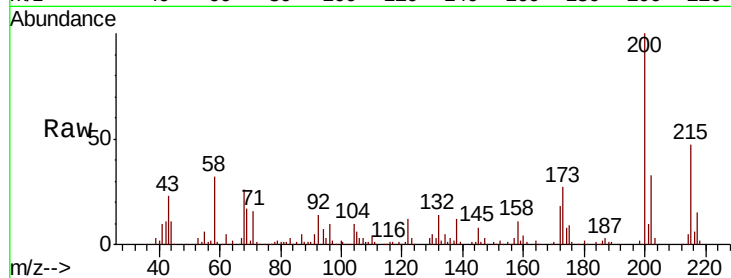




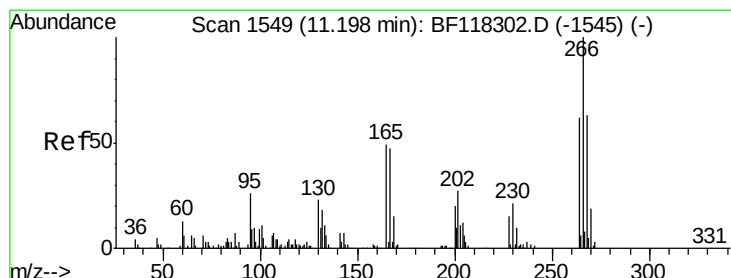
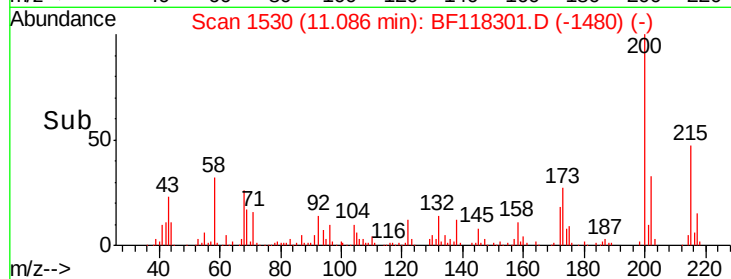
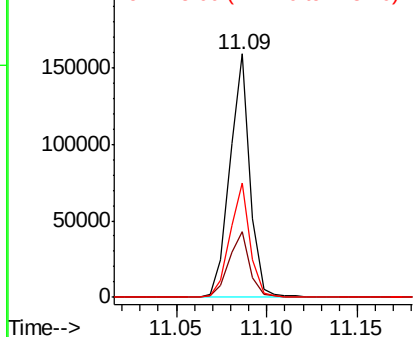
#69
Atrazine
Concen: 27.029 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.8	45.8
215	47.1	25.1	65.1

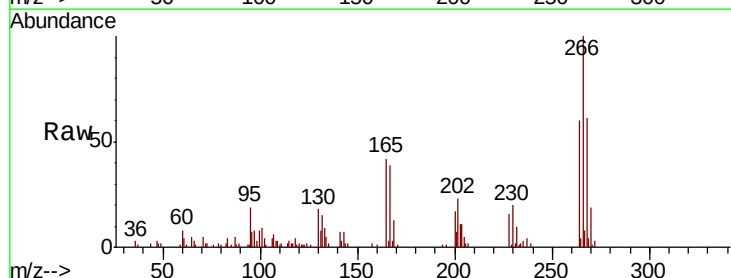


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

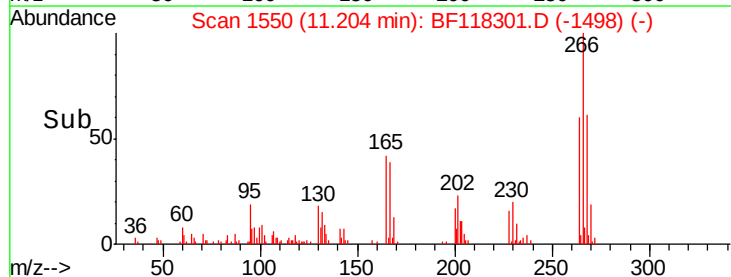
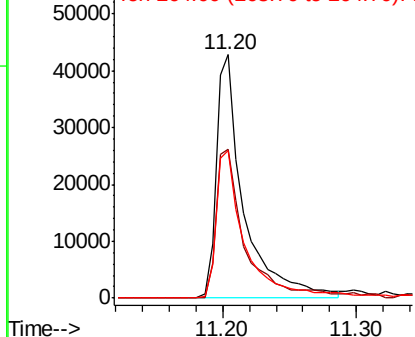


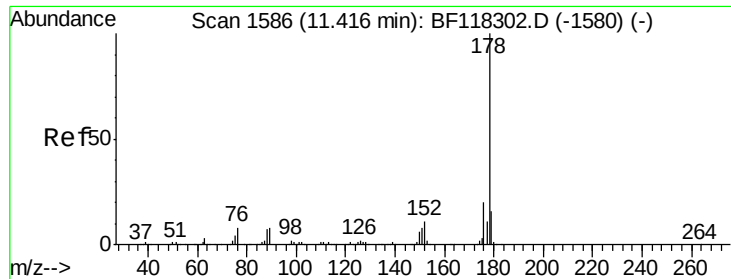
#70
Pentachlorophenol
Concen: 17.065 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	50.6	76.0
264	60.4	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 22.145 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

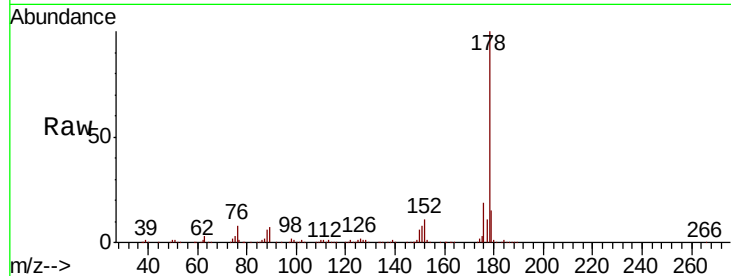
Tot Ion:178 Resp: 674791

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

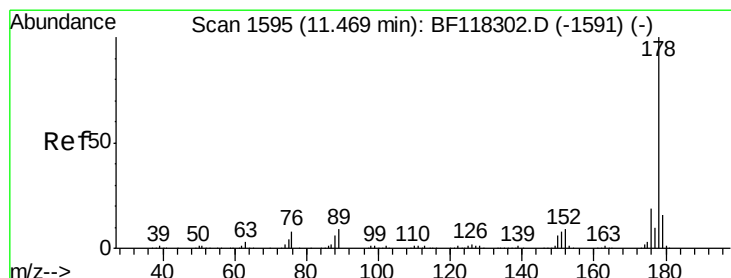
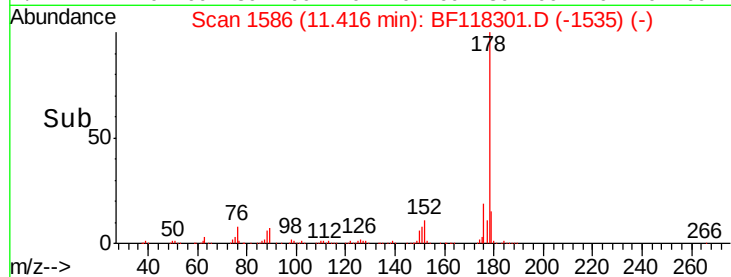
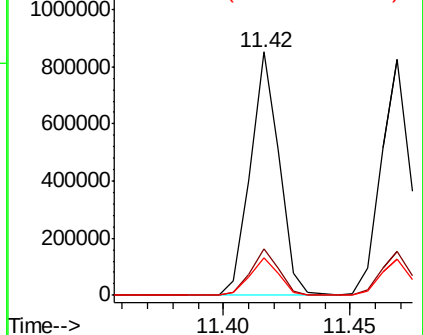
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 22.106 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

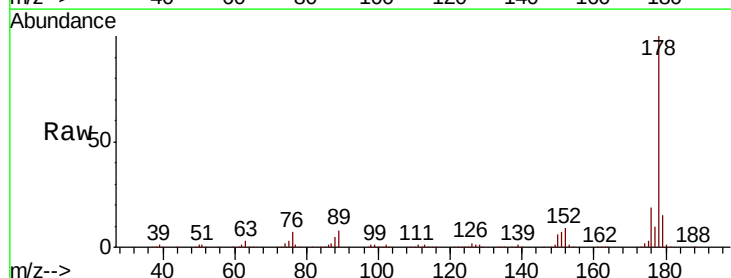
Tgt Ion:178 Resp: 671952

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

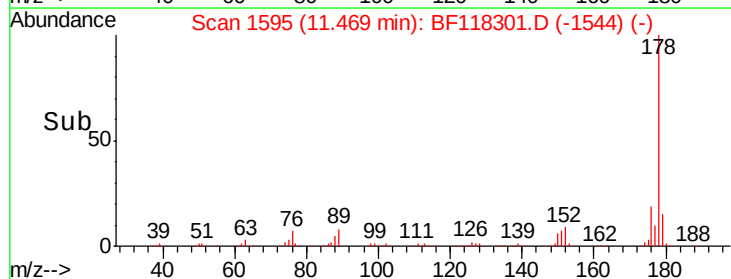
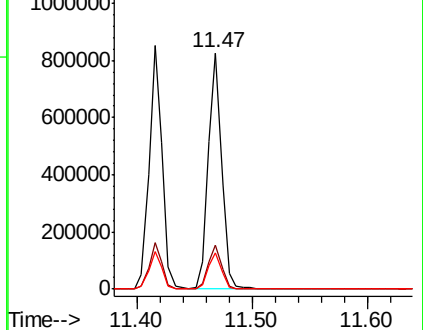
179 15.1 12.9 19.3

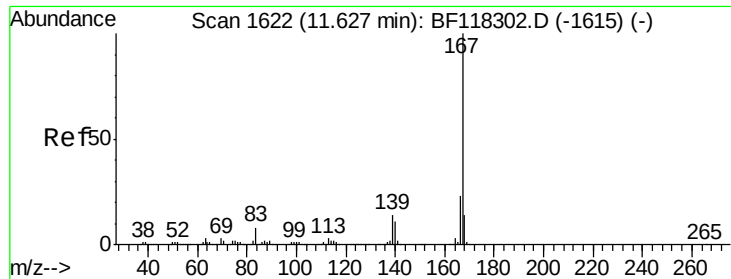


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.890 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

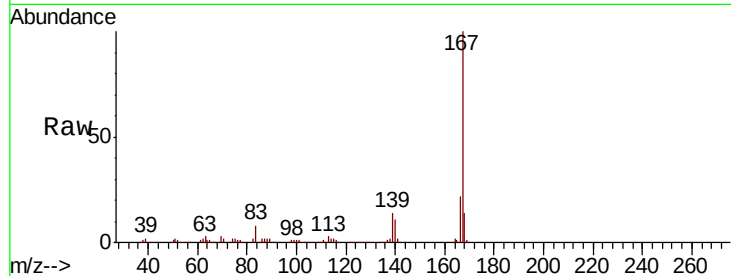
Tot Ion:167 Resp: 597000

Ion Ratio Lower Upper

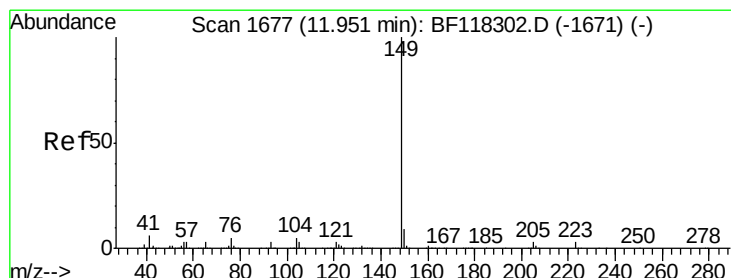
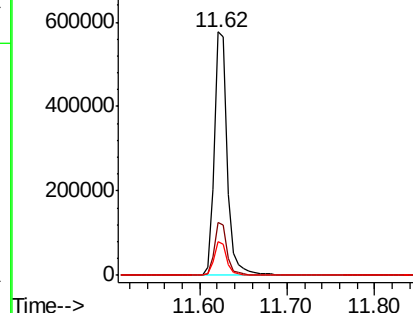
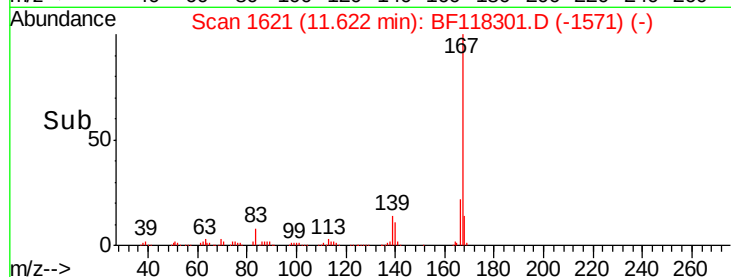
167 100

166 21.6 18.1 27.1

139 13.7 11.5 17.3



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



#74

Di-n-butylphthalate

Concen: 22.354 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

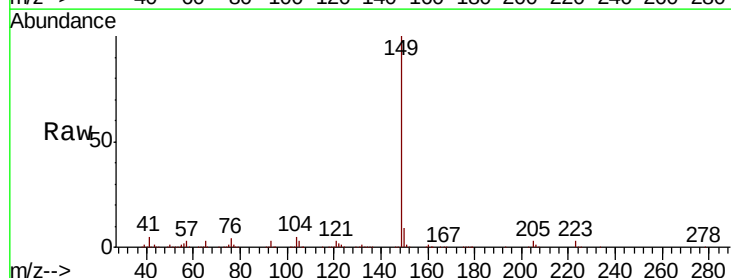
Tgt Ion:149 Resp: 762999

Ion Ratio Lower Upper

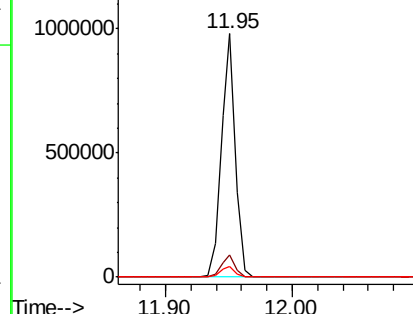
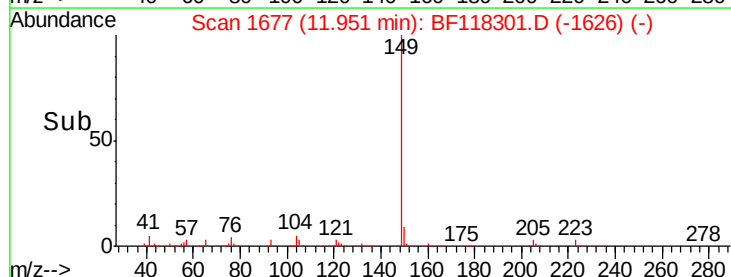
149 100

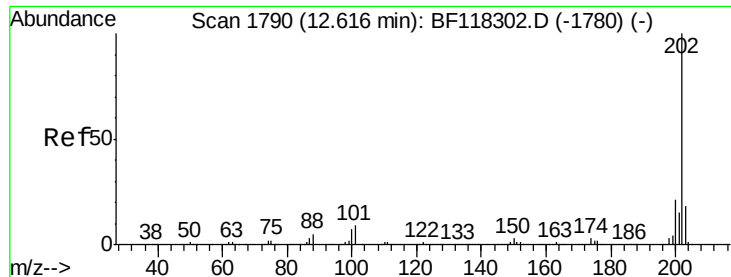
150 9.3 7.5 11.3

104 4.5 4.0 6.0



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

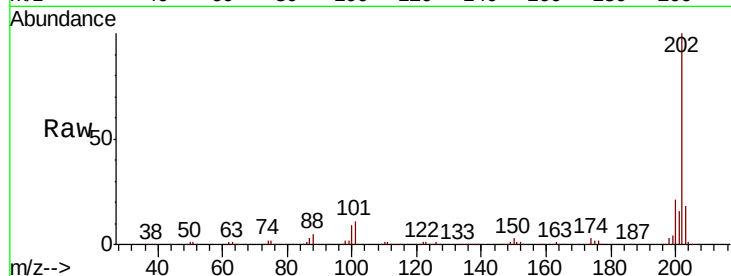




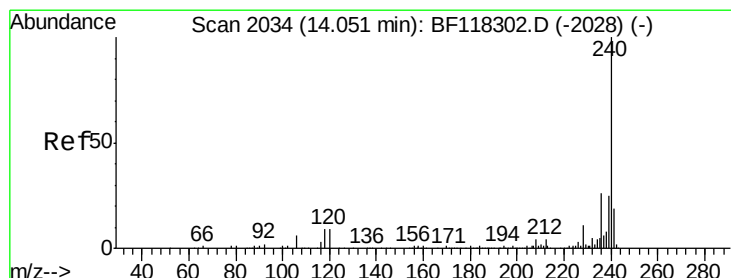
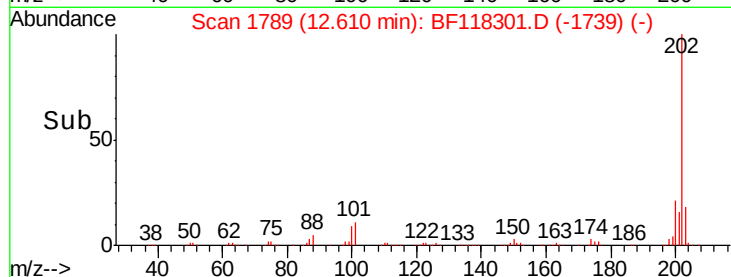
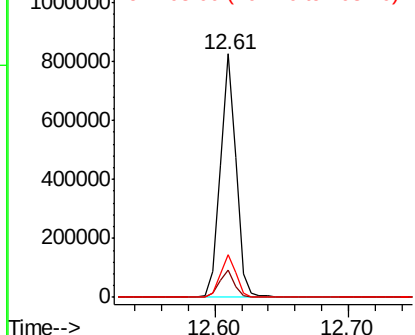
#75
Fluoranthene
Concen: 22.188 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.5
203	17.8	0.0	37.6

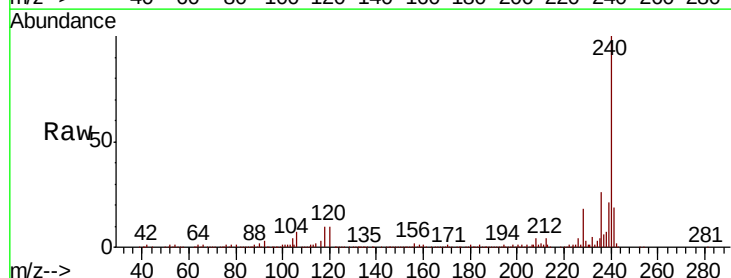


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

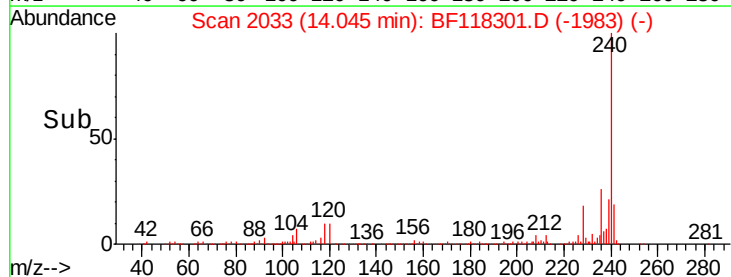
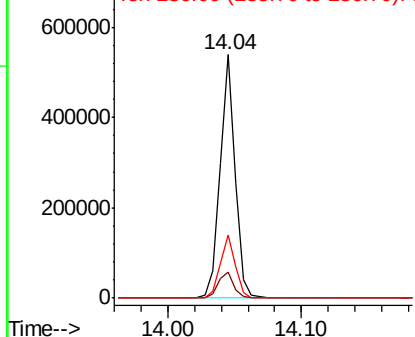


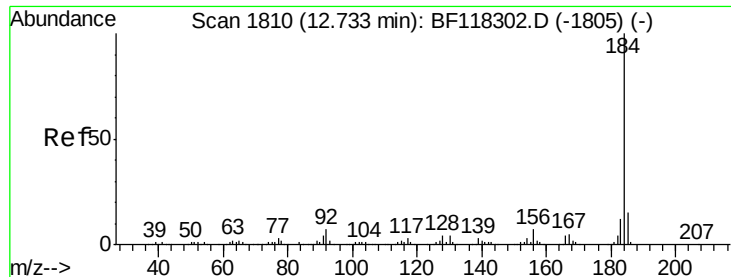
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	26.2	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: 20.417 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

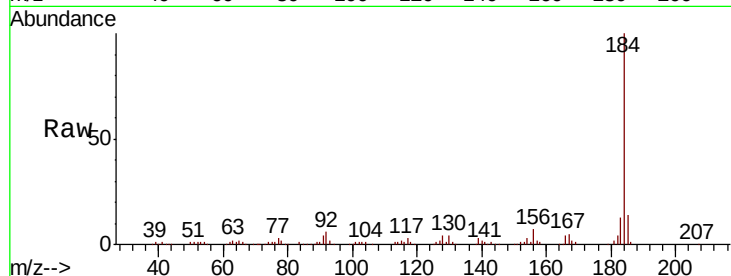
Instrument :

BNA_E

ClientSampled :

Tot Ion:184 Resp: 230710

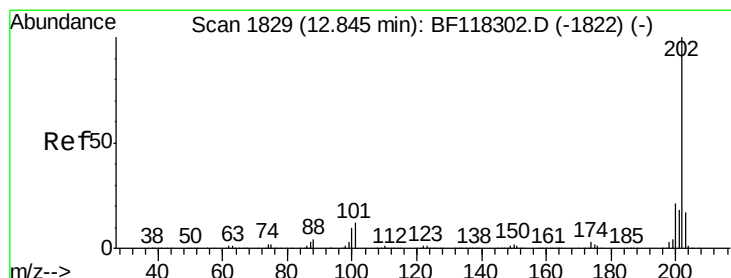
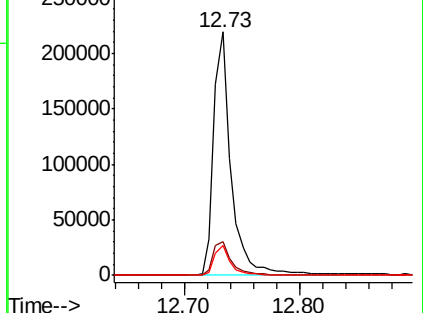
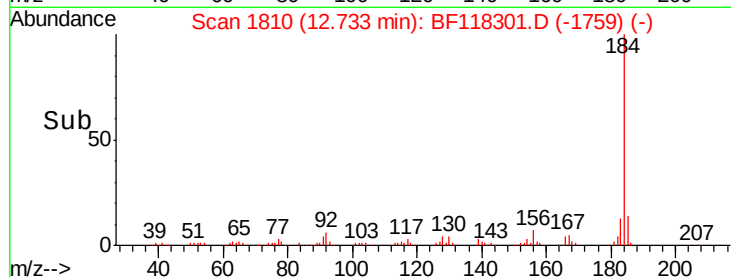
Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.3	18.5
183	12.5	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 20.709 ng

RT: 12.84 min Scan# 1828

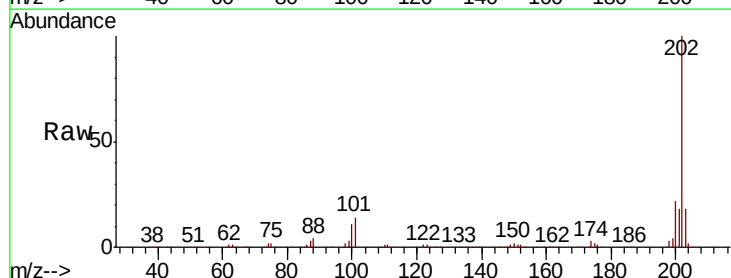
Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Tgt Ion:202 Resp: 700491

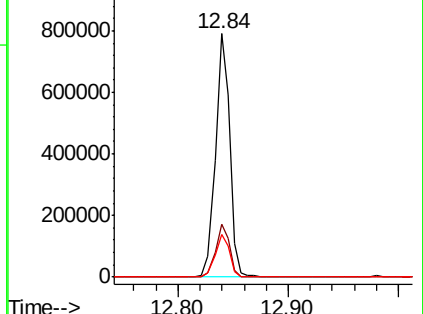
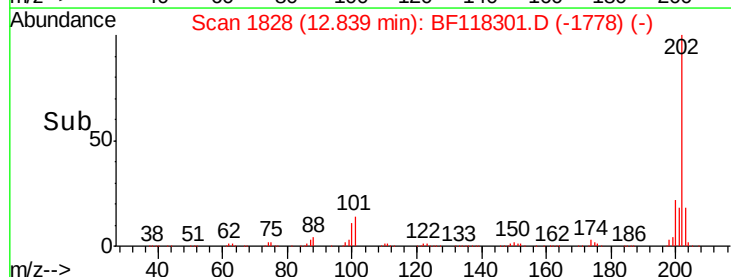
Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	17.8	13.9	20.9

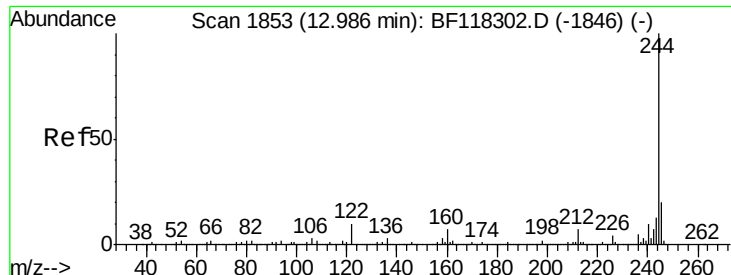


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 42.636 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

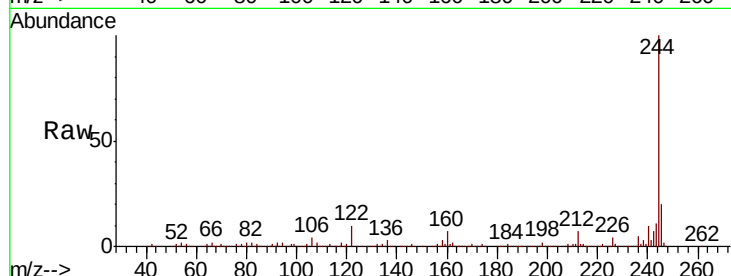
Tot Ion:244 Resp: 1064237

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

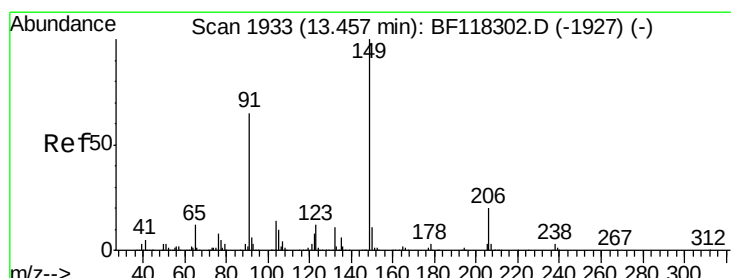
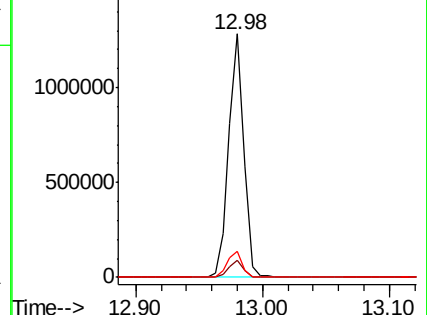
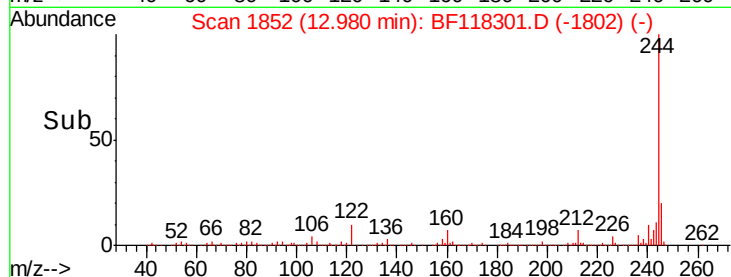
122 10.5 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 20.414 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

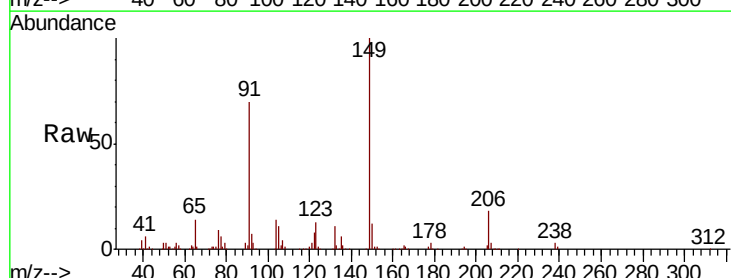
Tgt Ion:149 Resp: 312723

Ion Ratio Lower Upper

149 100

91 69.6 51.8 77.6

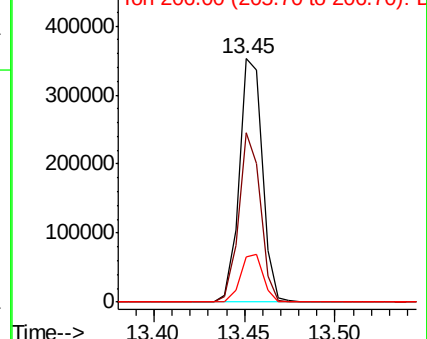
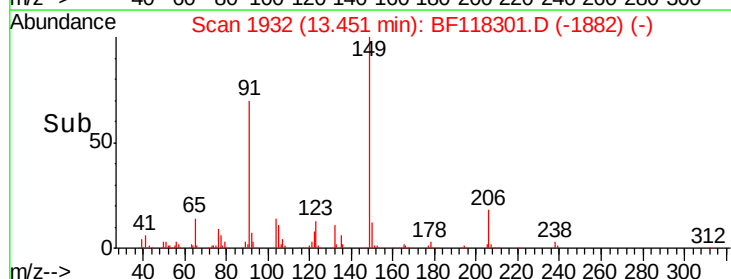
206 18.4 15.7 23.5

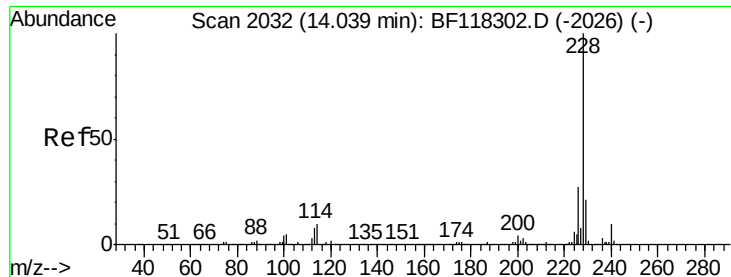


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

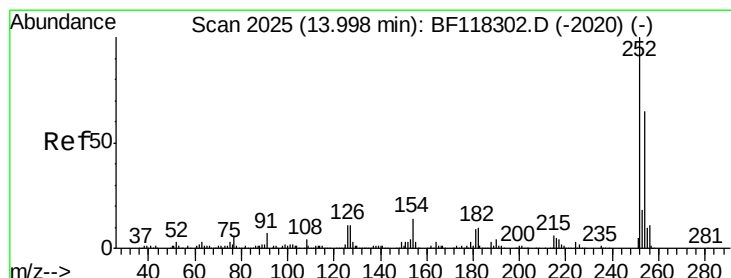
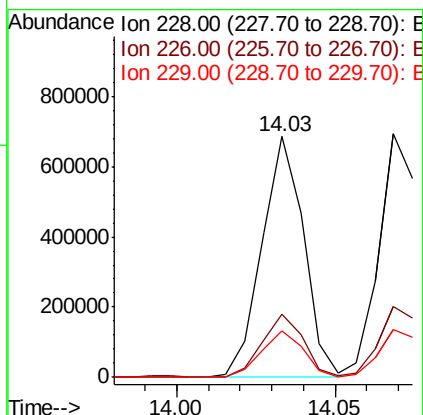
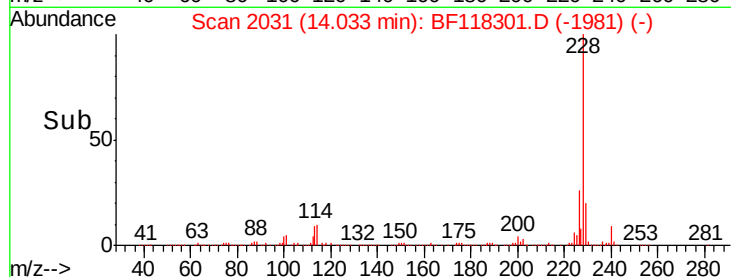
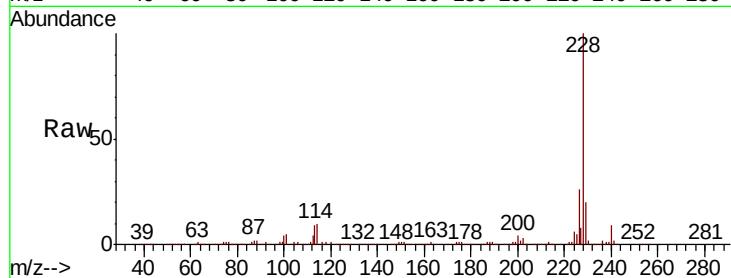




#81
Benzo(a)anthracene
Concen: 21.233 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

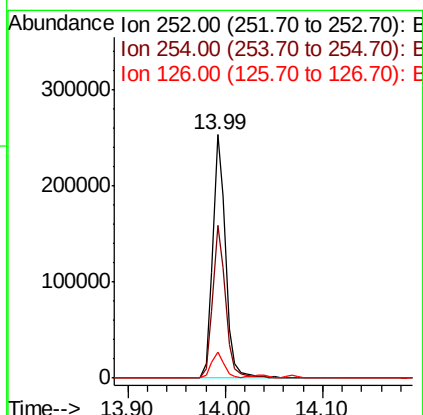
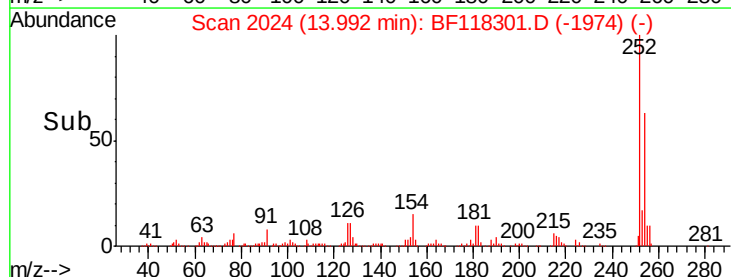
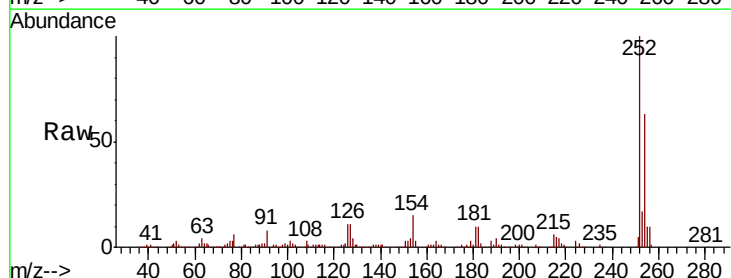
Instrument :
BNA_E
ClientSampleId :

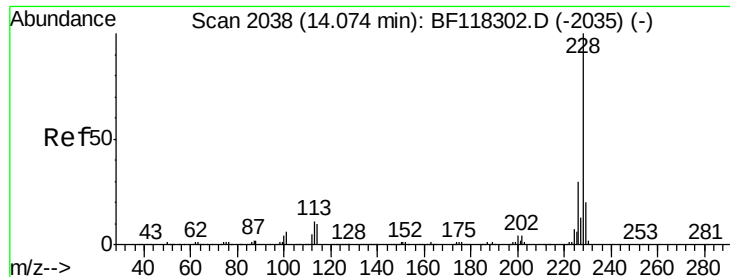
Tot Ion:228 Resp: 630201
Ion Ratio Lower Upper
228 100
226 26.1 22.0 33.0
229 19.5 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 23.917 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:252 Resp: 233131
Ion Ratio Lower Upper
252 100
254 62.8 51.8 77.8
126 10.7 8.7 13.1





#83

Chrysene

Concen: 21.602 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampled :

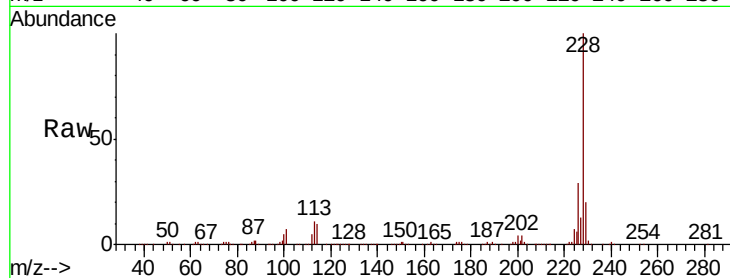
Tot Ion:228 Resp: 612451

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

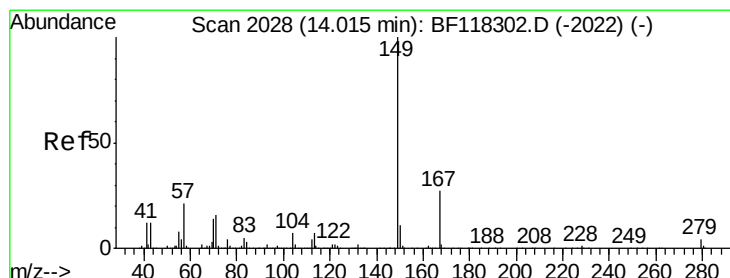
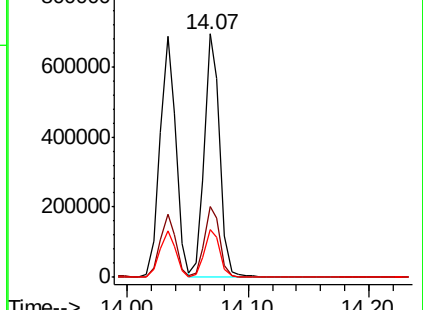
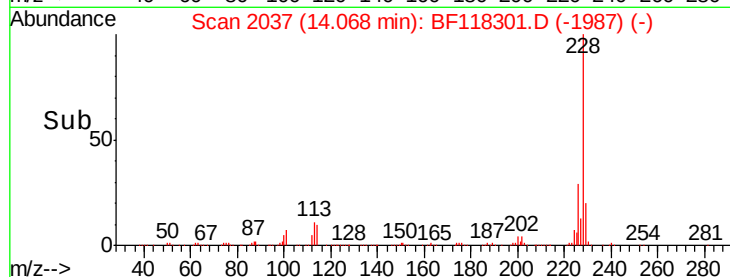
229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.527 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

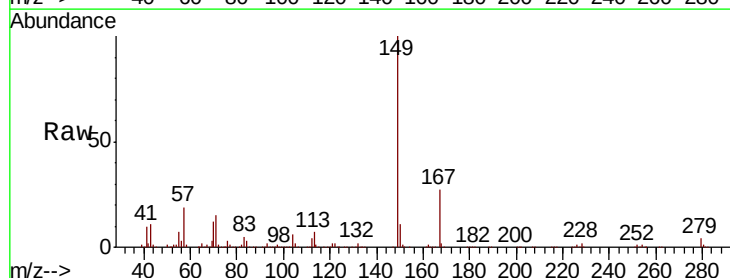
Tgt Ion:149 Resp: 414635

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

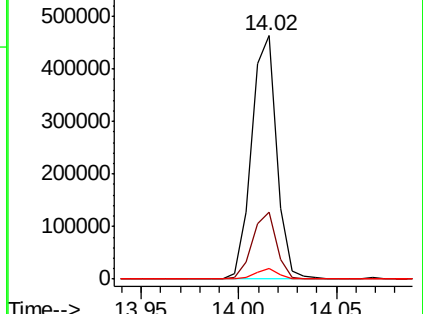
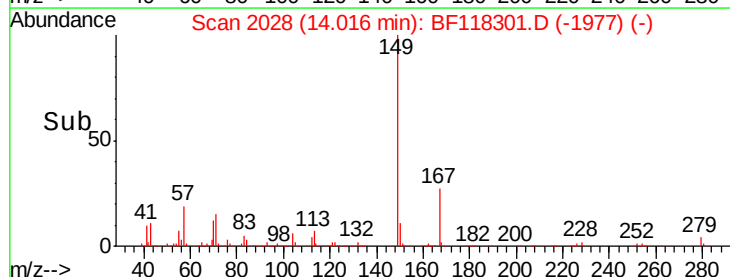
279 4.4 3.4 5.2

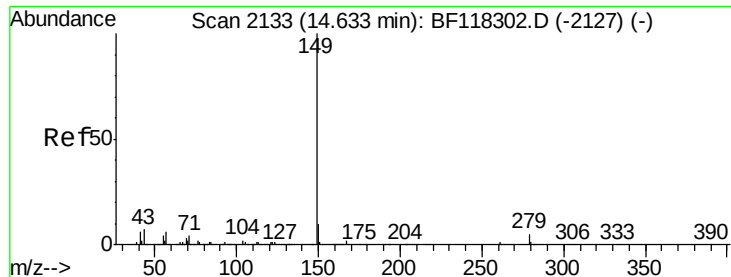


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 20.625 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

Instrument :

BNA_E

ClientSampleId :

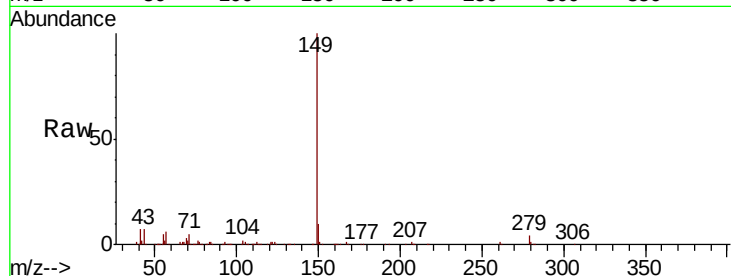
Tot Ion:149 Resp: 631124

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

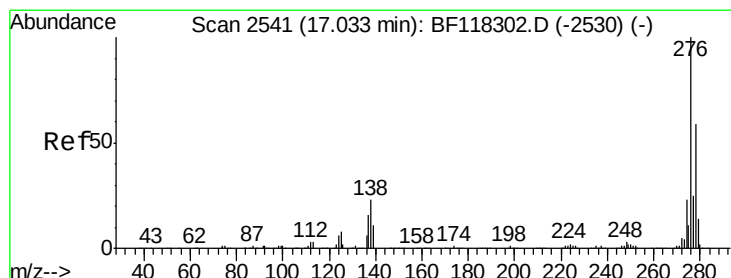
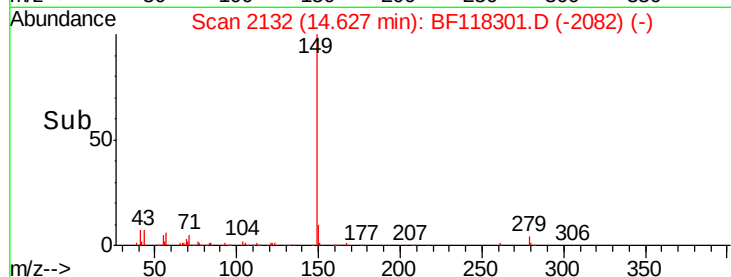
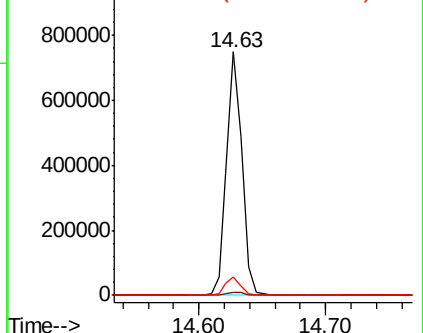
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.908 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF118301.D

Acq: 24 Dec 2019 11:28

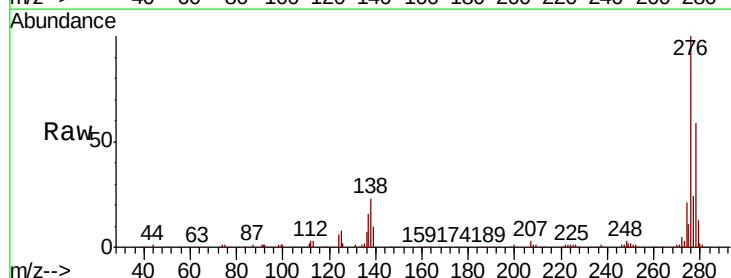
Tgt Ion:276 Resp: 451050

Ion Ratio Lower Upper

276 100

138 23.7 19.5 29.3

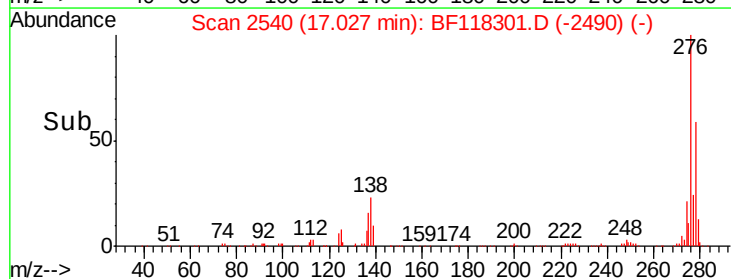
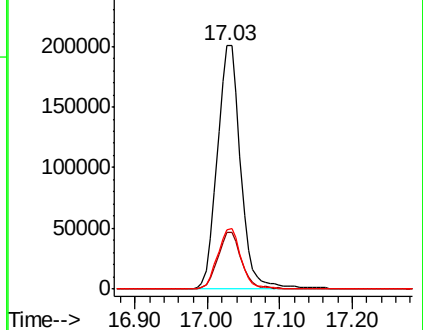
277 24.8 20.6 30.8

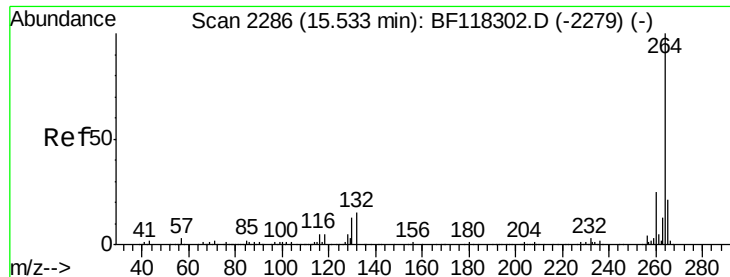


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

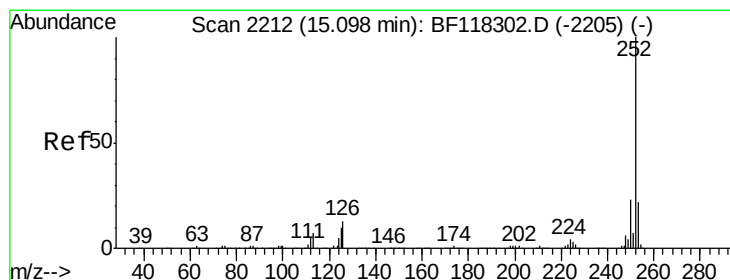
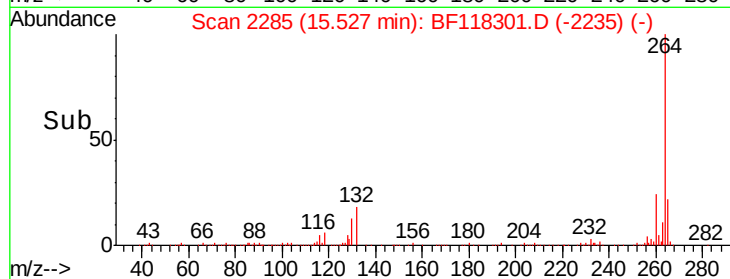
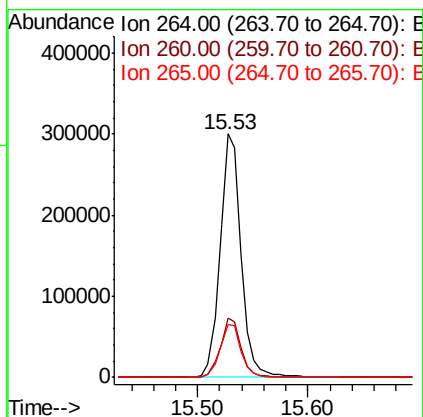
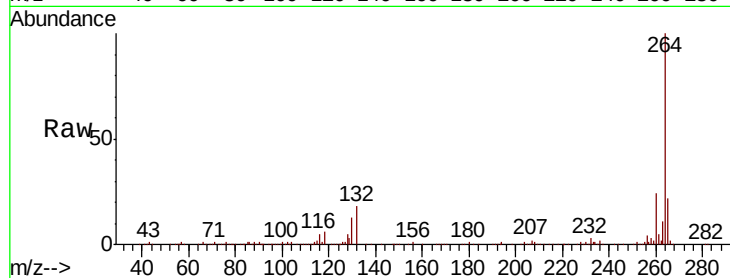




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

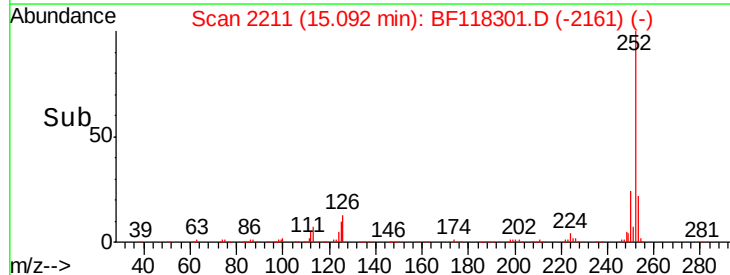
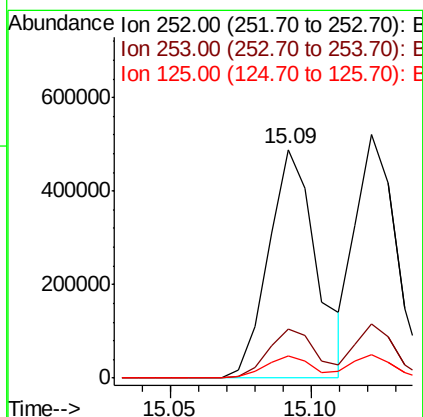
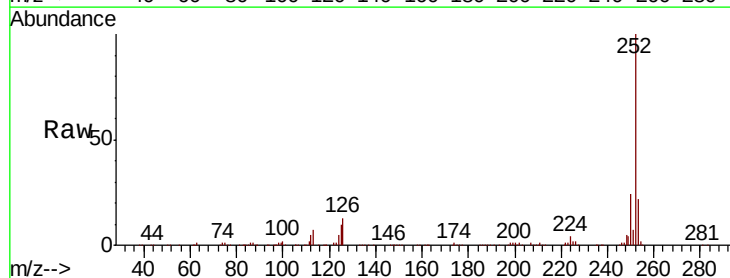
Instrument :
BNA_E
ClientSampleId :

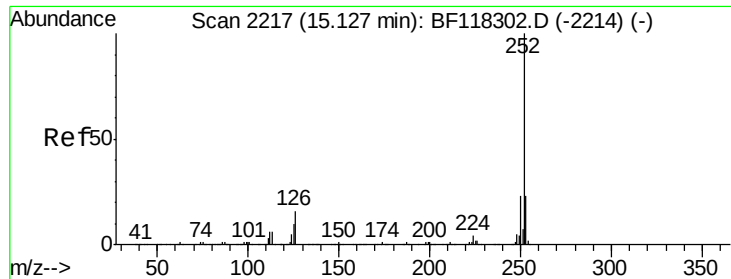
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.6	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 21.989 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.9	7.7	11.5

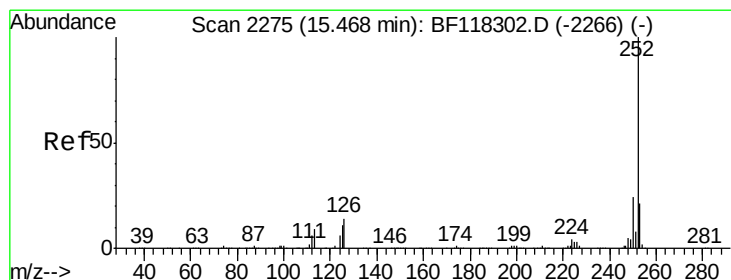
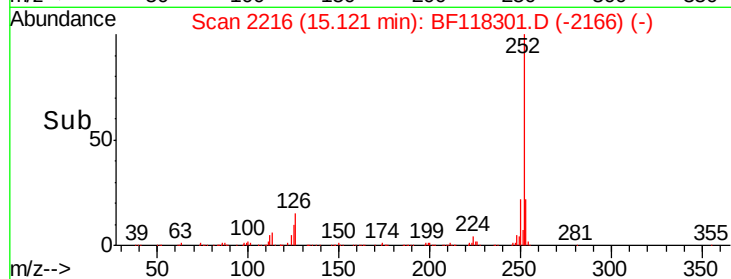
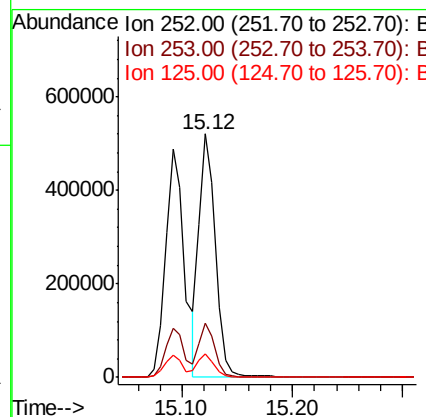
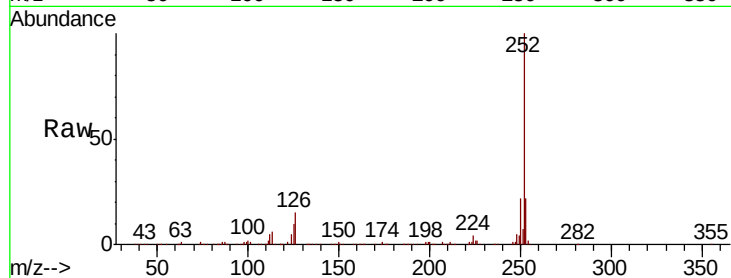




#89
Benzo(k)fluoranthene
Concen: 20.915 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

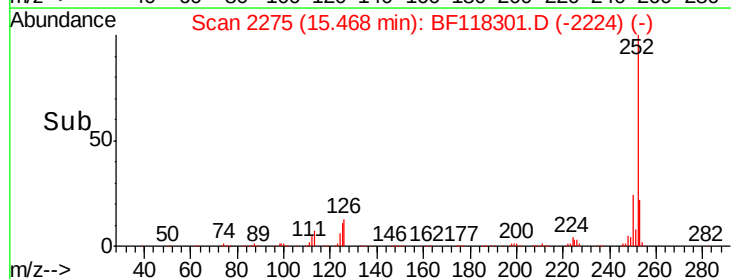
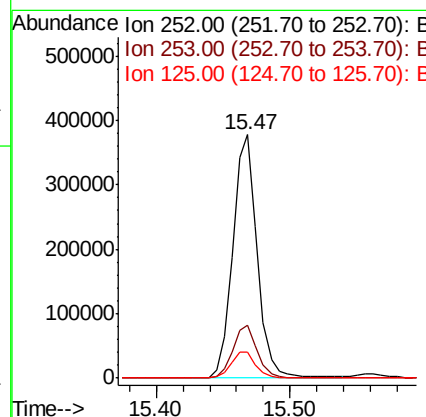
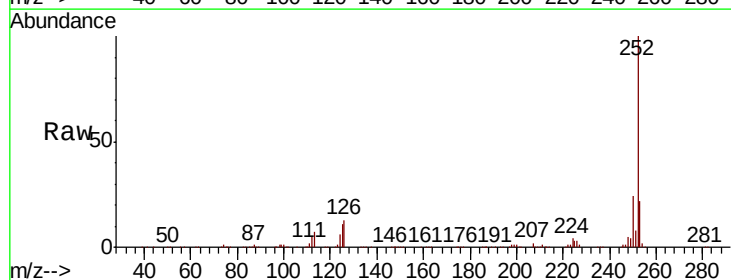
Instrument :
BNA_E
ClientSampleId :

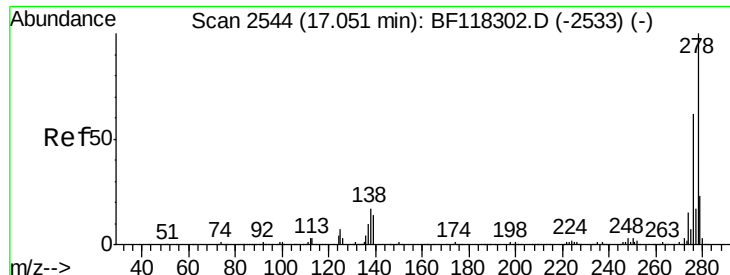
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.9	8.0	12.0



#90
Benzo(a)pyrene
Concen: 20.972 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.8	9.0	13.4

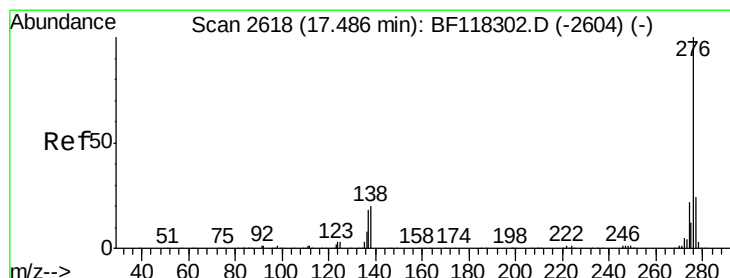
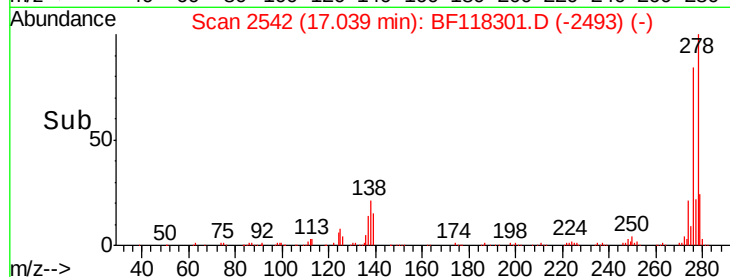
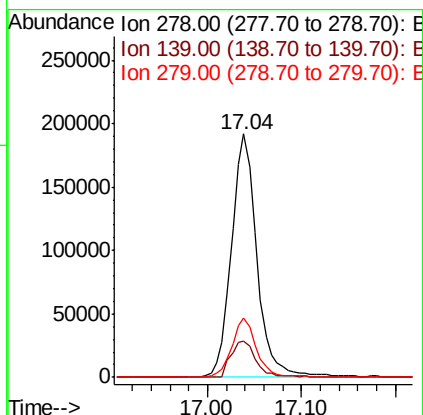
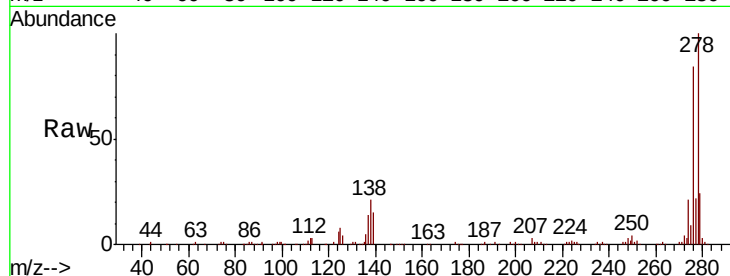




#91
Dibenzo(a,h)anthracene
Concen: 18.197 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 361861
Ion Ratio Lower Upper
278 100
139 14.9 11.5 17.3
279 24.4 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 17.874 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BF118301.D
Acq: 24 Dec 2019 11:28

Tgt Ion:276 Resp: 341567
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 18.8 16.1 24.1

