

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118226.D
 Acq On : 17 Dec 2019 15:02
 Operator : JU
 Sample : K6284-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 04:58:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137124	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	547997	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	298297	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	575380	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384526	20.00	ng	0.00
87) Perylene-d12	15.54	264	336410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	732826	93.60	ng	0.00
7) Phenol-d6	6.50	99	936235	98.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	567034	58.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	345256	95.28	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1201826	61.31	ng	-0.01
79) Terphenyl-d14	12.99	244	1472379	65.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	106642	32.304	ng	99
3) Pyridine	3.43	79	267803	31.443	ng	98
4) n-Nitrosodimethylamine	3.38	42	136904	37.365	ng	99
6) Aniline	6.52	93	185004	15.273	ng	96
8) 2-Chlorophenol	6.65	128	360290	40.812	ng	97
9) Benzaldehyde	6.40	77	120950	20.482	ng	94
10) Phenol	6.51	94	441216	40.856	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	305726	39.143	ng	97
12) 1,3-Dichlorobenzene	6.80	146	386462	37.475	ng	99
13) 1,4-Dichlorobenzene	6.87	146	396418	38.174	ng	99
14) 1,2-Dichlorobenzene	7.03	146	370959	38.039	ng	97
15) Benzyl Alcohol	7.00	79	300142	40.604	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	352875	37.575	ng	96
17) 2-Methylphenol	7.12	107	287218	40.906	ng	99
18) Hexachloroethane	7.37	117	143369	37.468	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	229472	39.879	ng	99
20) 3+4-Methylphenols	7.27	107	368569	41.791	ng	96
22) Acetophenone	7.27	105	489841	37.207	ng	98
24) Nitrobenzene	7.45	77	356083	37.207	ng	98
25) Isophorone	7.69	82	635422	38.481	ng	100
26) 2-Nitrophenol	7.76	139	201624	39.417	ng	97
27) 2,4-Dimethylphenol	7.80	122	298307	43.720	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400432	37.111	ng	99
29) 2,4-Dichlorophenol	8.00	162	312076	39.234	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	335323	36.073	ng	98
31) Naphthalene	8.17	128	1051519	38.207	ng	99
32) Benzoic acid	7.93	122	148148	24.048	ng	99
33) 4-Chloroaniline	8.22	127	89345	7.518	ng	97
34) Hexachlorobutadiene	8.28	225	199076	35.714	ng	99
35) Caprolactam	8.59	113	47932	19.540	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	330873	39.528	ng	99
37) 2-Methylnaphthalene	8.86	142	730603	39.212	ng	99
38) 1-Methylnaphthalene	8.96	142	673617	38.504	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	332392	36.783	ng	99

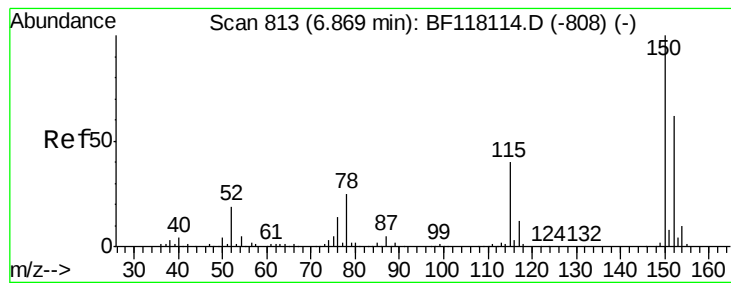
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118226.D
 Acq On : 17 Dec 2019 15:02
 Operator : JU
 Sample : K6284-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 04:58:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	335609	82.891	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	227429	37.694	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	245297	39.242	nq	94
46) 1,1'-Biphenyl	9.33	154	890881	37.867	nq	99
47) 2-Chloronaphthalene	9.36	162	689360	36.426	nq	98
48) 2-Nitroaniline	9.45	65	189438	35.102	nq	97
49) Acenaphthylene	9.77	152	1099848	39.403	nq	99
50) Dimethylphthalate	9.63	163	880814	39.976	nq	99
51) 2,6-Dinitrotoluene	9.70	165	188445	39.333	nq	91
52) Acenaphthene	9.95	154	633008	37.155	nq	99
53) 3-Nitroaniline	9.86	138	88937	15.774	nq	96
54) 2,4-Dinitrophenol	9.98	184	161104	67.588	nq	96
55) Dibenzofuran	10.12	168	968855	38.810	nq	99
56) 4-Nitrophenol	10.04	139	283842	72.539	nq	99
57) 2,4-Dinitrotoluene	10.10	165	248362	38.838	nq	95
58) Fluorene	10.46	166	773298	38.979	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	206009	39.947	nq	98
60) Diethylphthalate	10.33	149	862404	39.726	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	385979	38.668	nq	98
62) 4-Nitroaniline	10.49	138	204197	34.724	nq	99
63) Azobenzene	10.62	77	737235	39.782	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	125369	39.454	nq	96
66) n-Nitrosodiphenylamine	10.57	169	702743	39.111	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	244774	37.267	nq	95
68) Hexachlorobenzene	11.02	284	279840	36.198	nq	# 91
69) Atrazine	11.10	200	214286	44.568	nq	98
70) Pentachlorophenol	11.21	266	270412	74.380	nq	99
71) Phenanthrene	11.43	178	1226545	40.101	nq	99
72) Anthracene	11.48	178	1203893	39.456	nq	99
73) Carbazole	11.64	167	1035022	37.807	nq	99
74) Di-n-butylphthalate	11.96	149	1396665	40.765	nq	99
75) Fluoranthene	12.63	202	1309545	41.876	nq	99
77) Benzidine	12.74	184	231059	22.826	nq	99
78) Pyrene	12.86	202	1345100	44.389	nq	99
80) Butylbenzylphthalate	13.47	149	575061	41.904	nq	98
81) Benzo(a)anthracene	14.05	228	1068258	40.177	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	105764	12.112	nq	96
83) Chrysene	14.09	228	1007737	39.677	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	842602	46.563	nq	98
85) Di-n-octyl phthalate	14.64	149	1297977	47.351	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	878011	41.086	nq	100
88) Benzo(b)fluoranthene	15.11	252	938133	42.165	nq	99
89) Benzo(k)fluoranthene	15.11	252	938133	43.891	nq	99
90) Benzo(a)pyrene	15.49	252	806354	41.035	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	719234	42.674	nq	99
92) Benzo(g,h,i)perylene	17.52	276	714051	44.089	nq	99

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

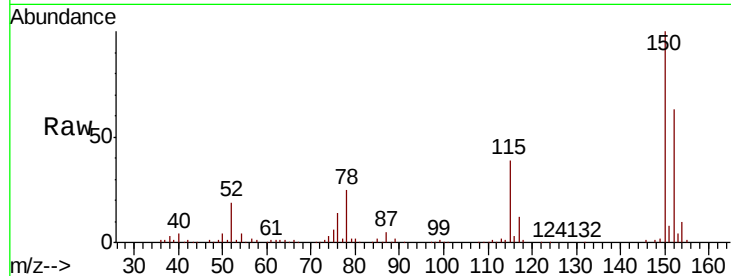


#1

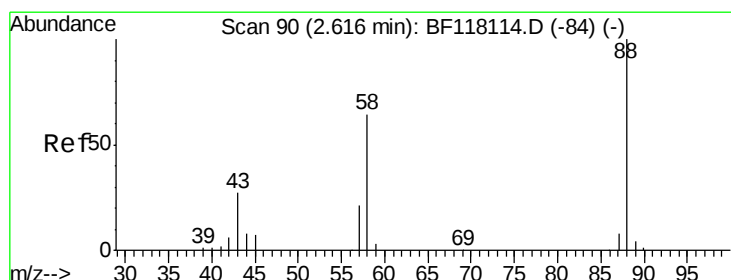
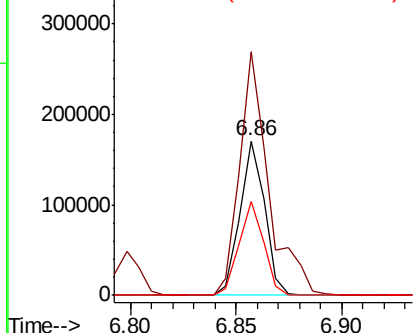
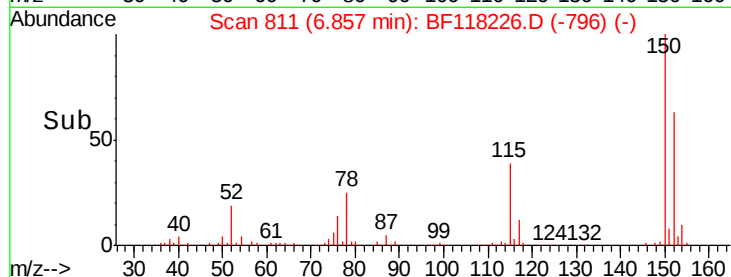
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.3	192.5
115	60.8	51.1	76.7



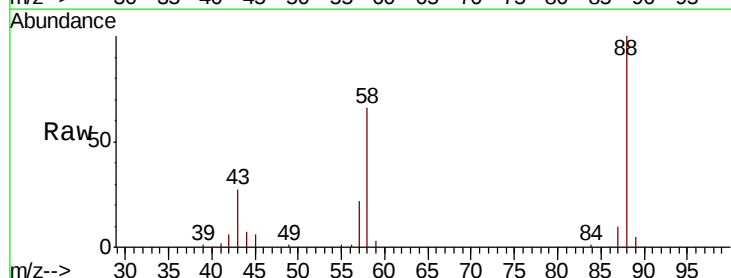
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



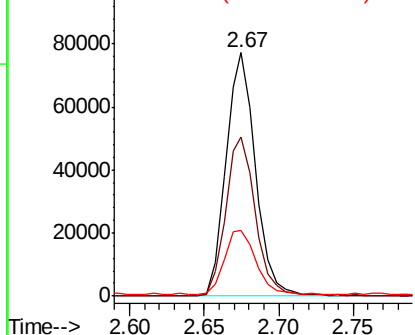
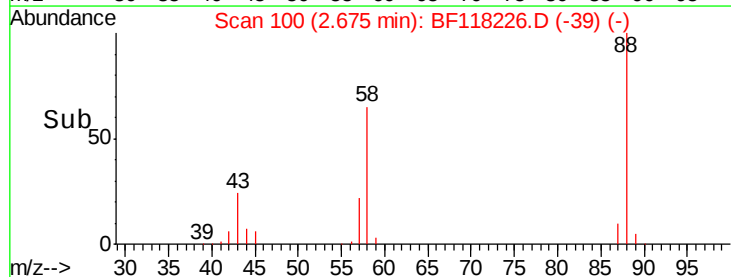
#2

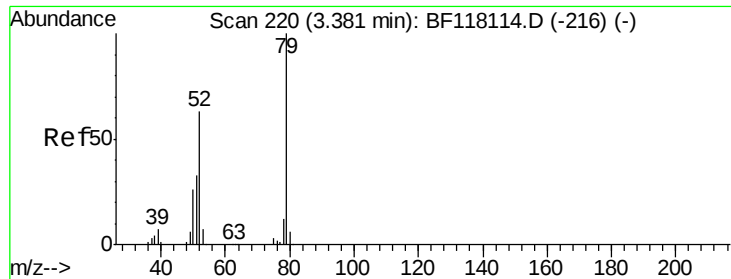
1,4-Dioxane
Concen: 32.304 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.06 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	27.8	21.4	32.2



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





#3

Pvridine

Concen: 31.443 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

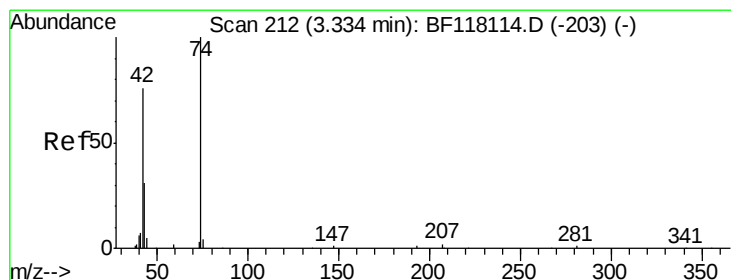
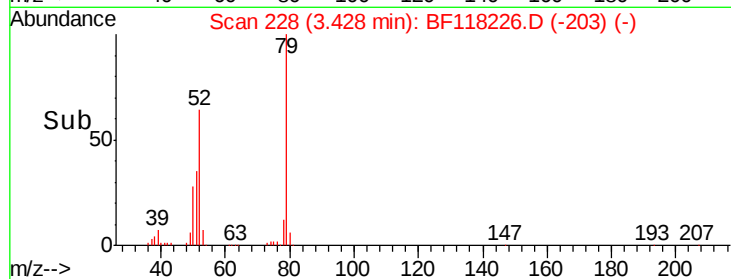
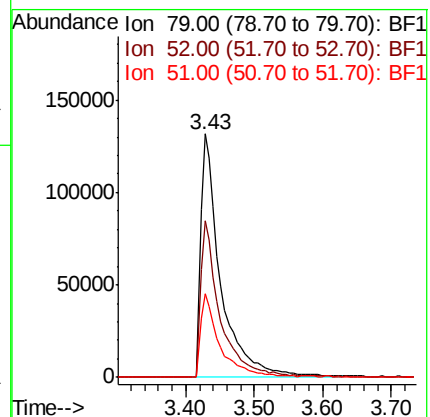
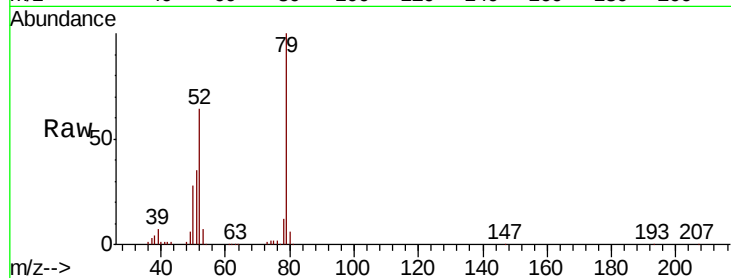
Tot Ion: 79 Resp: 267803

Ion Ratio Lower Upper

79 100

52 64.1 50.7 76.1

51 34.6 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 37.365 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

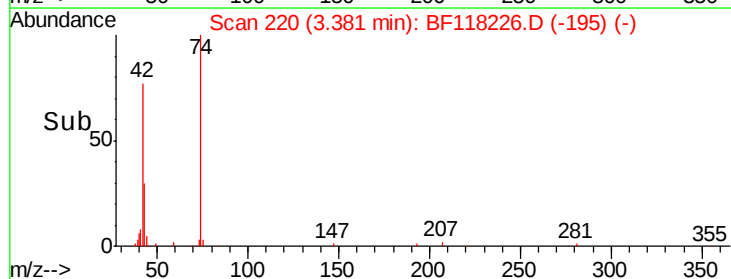
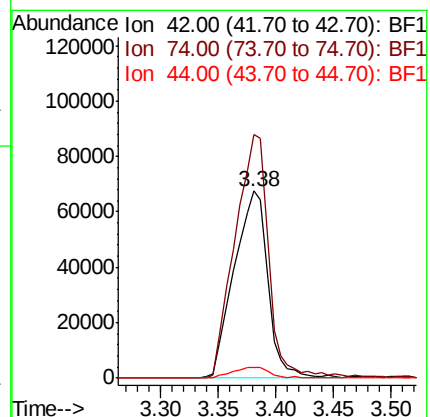
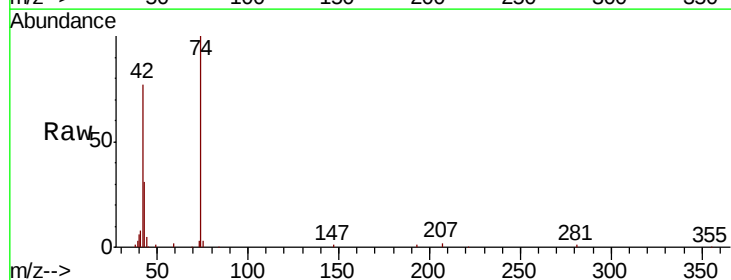
Tgt Ion: 42 Resp: 136904

Ion Ratio Lower Upper

42 100

74 130.2 104.6 157.0

44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 93.603 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampled :

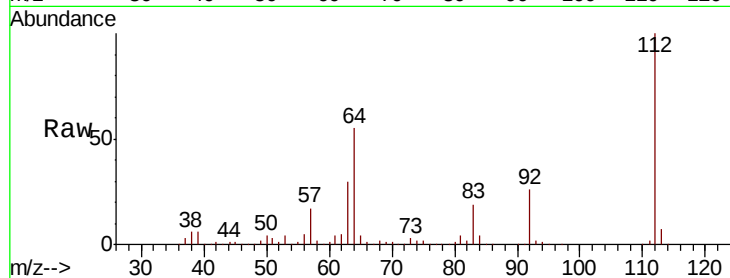
Tot Ion:112 Resp: 732826

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

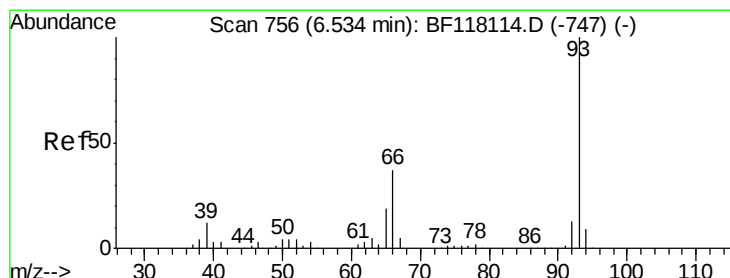
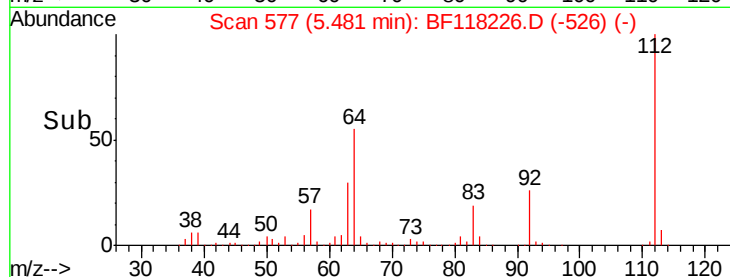
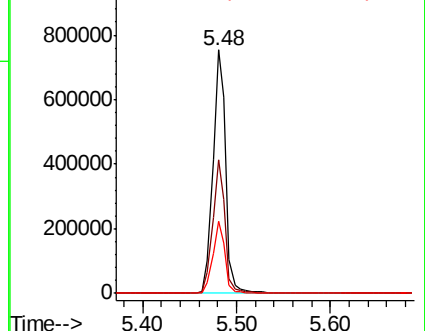
63 29.7 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.273 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

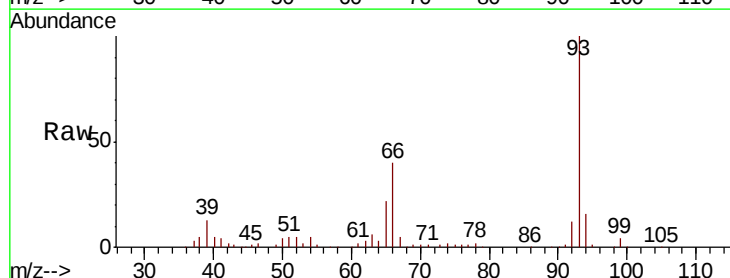
Tgt Ion: 93 Resp: 185004

Ion Ratio Lower Upper

93 100

66 39.7 30.2 45.2

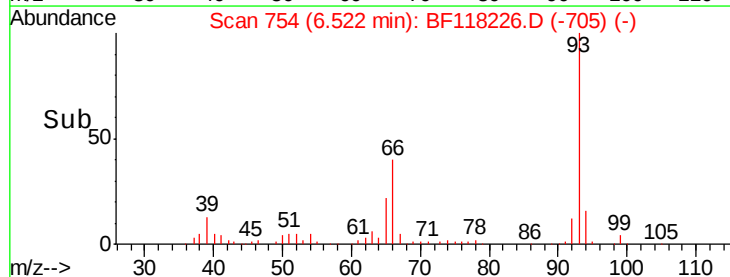
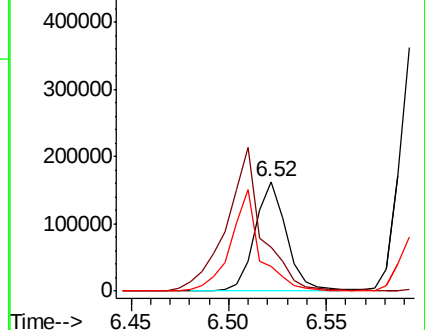
65 22.0 15.5 23.3

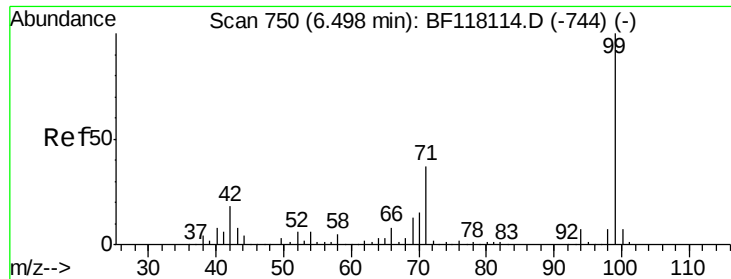


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.868 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

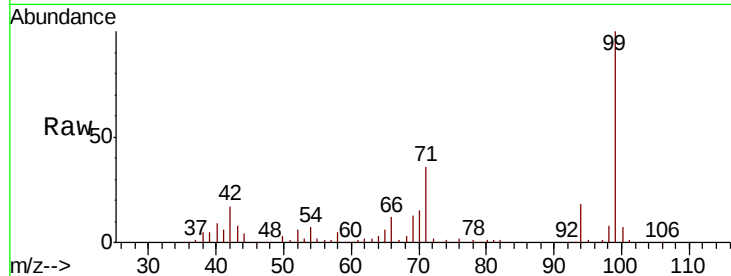
Tot Ion: 99 Resp: 936235

Ion Ratio Lower Upper

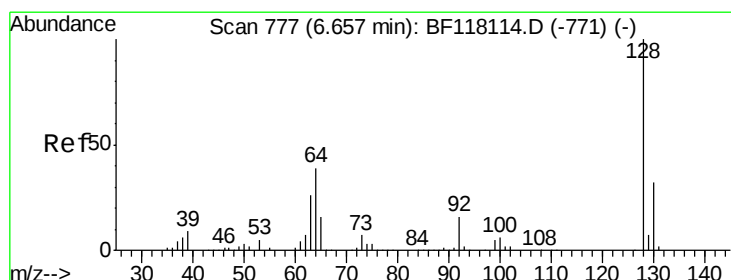
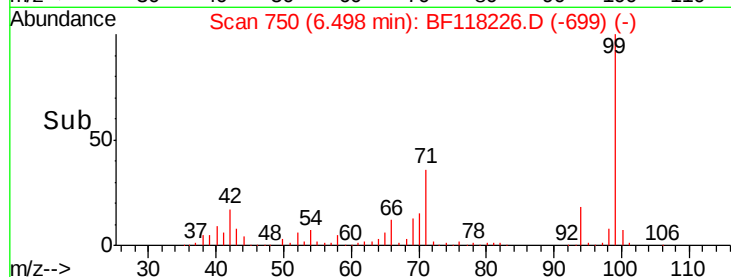
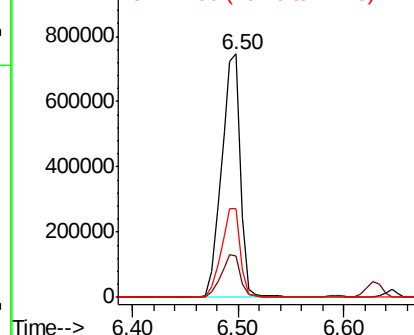
99 100

42 17.0 14.1 21.1

71 36.4 29.7 44.5



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



#8

2-Chlorophenol

Concen: 40.812 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

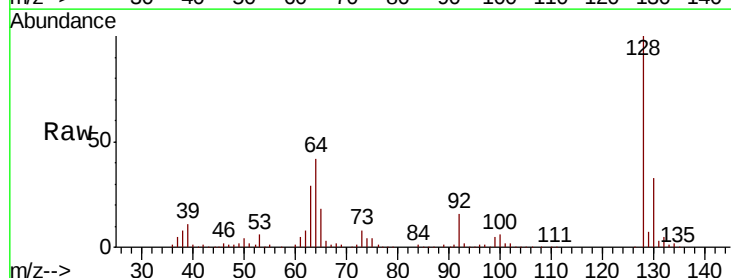
Tgt Ion: 128 Resp: 360290

Ion Ratio Lower Upper

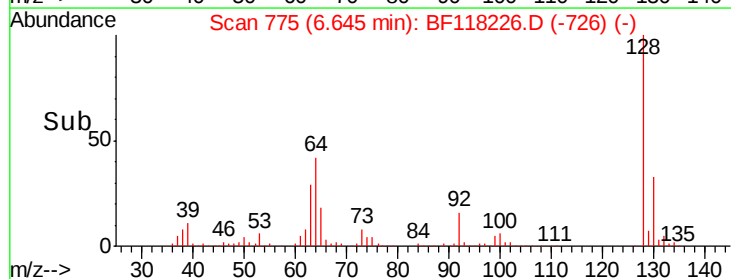
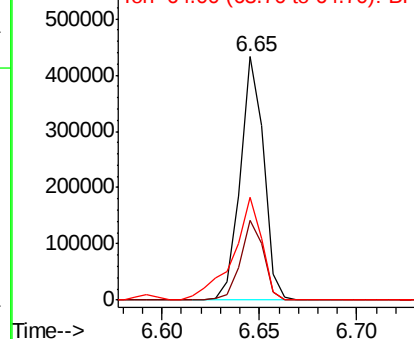
128 100

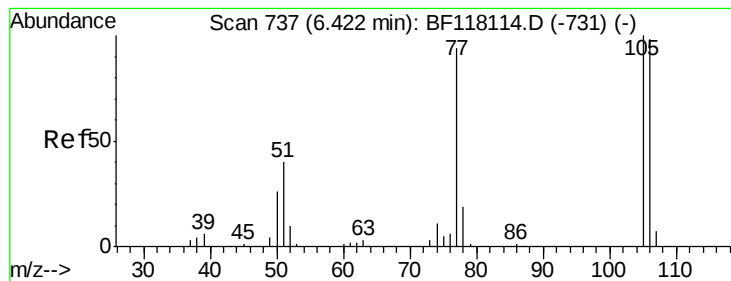
130 32.7 12.1 52.1

64 42.5 19.3 59.3



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





#9

Benzaldehyde

Concen: 20.482 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

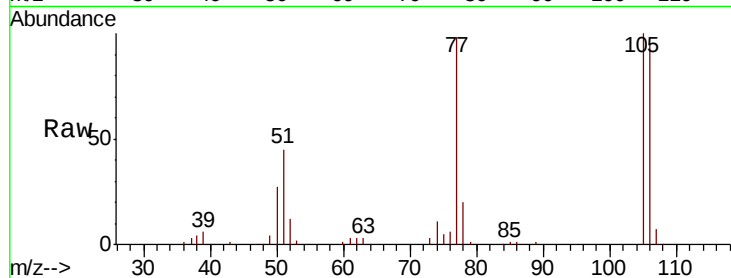
Tot Ion: 77 Resp: 120950

Ion Ratio Lower Upper

77 100

105 101.7 86.4 126.4

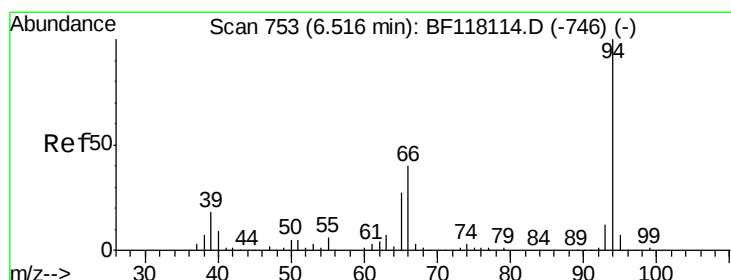
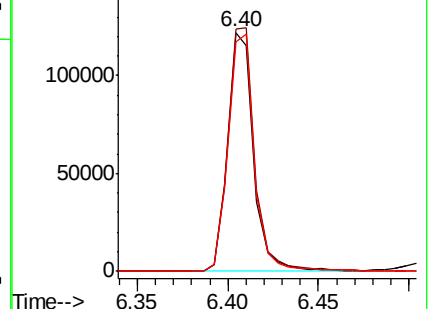
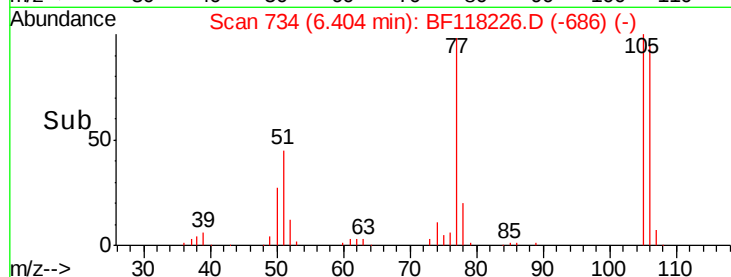
106 96.4 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.856 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

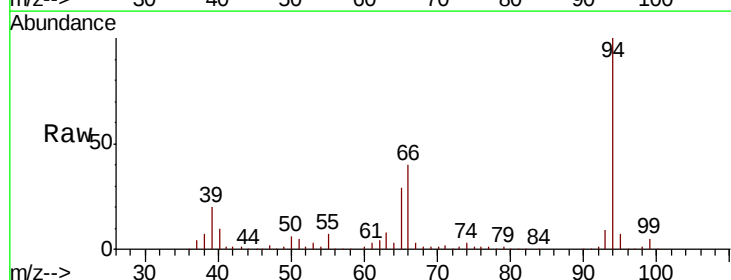
Tgt Ion: 94 Resp: 441216

Ion Ratio Lower Upper

94 100

65 28.5 7.3 47.3

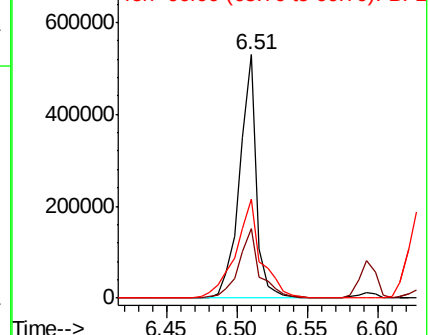
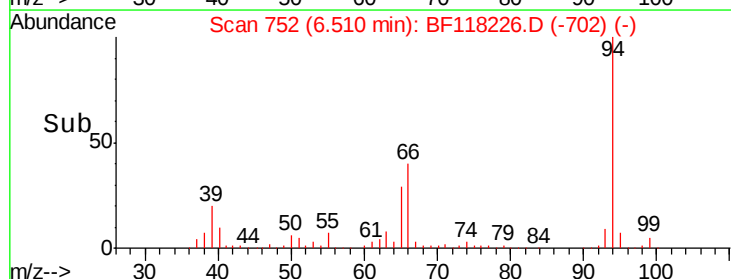
66 40.5 20.2 60.2

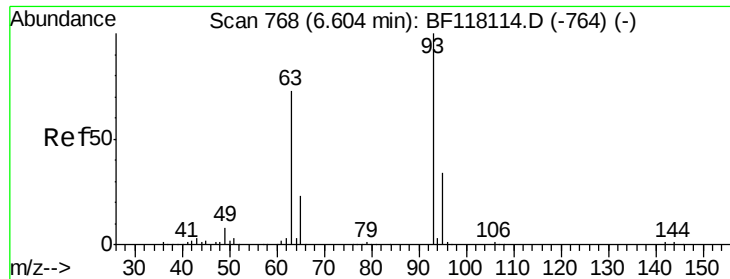


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

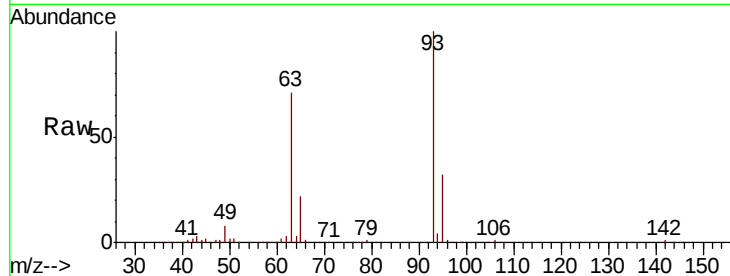




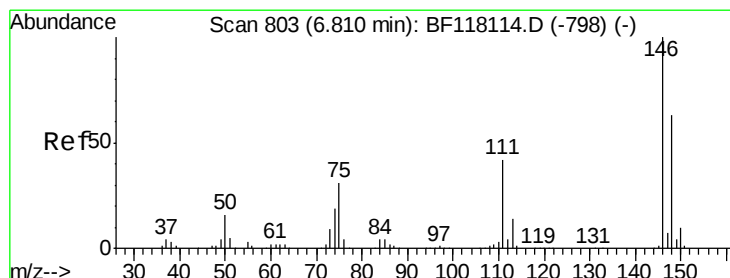
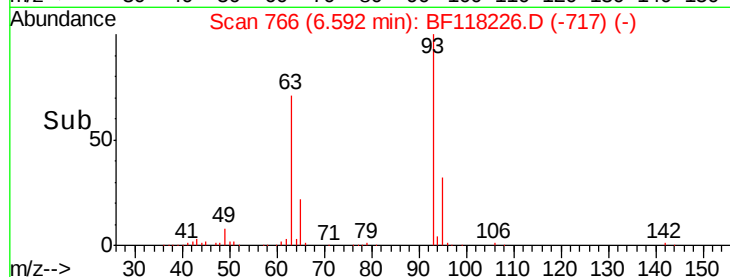
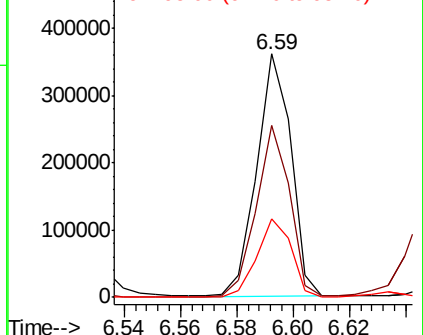
#11
bis(2-Chloroethyl)ether
Concen: 39.143 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 305726
Ion Ratio Lower Upper
93 100
63 70.6 53.2 93.2
95 32.3 13.8 53.8

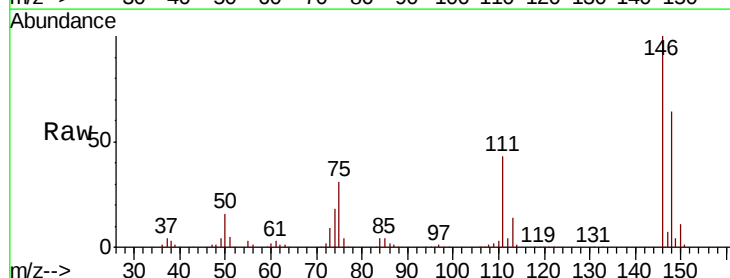


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

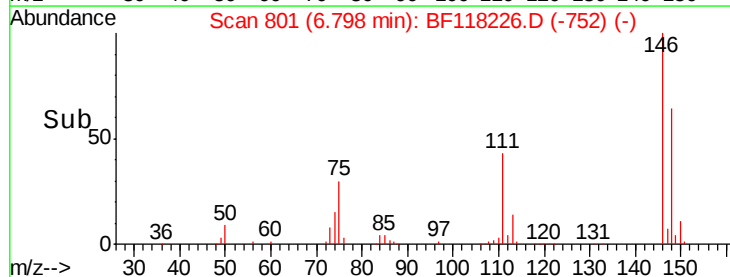
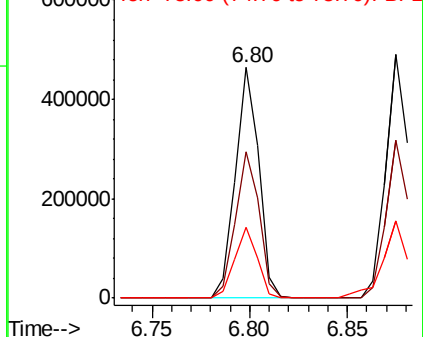


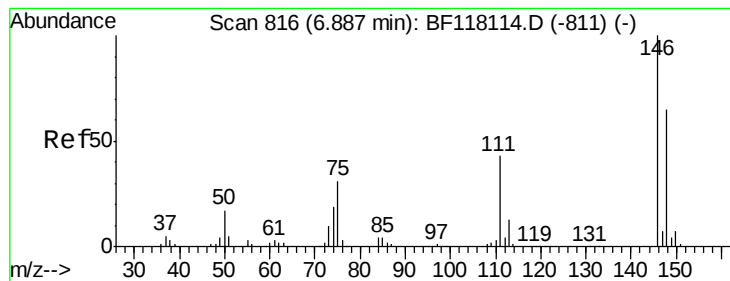
#12
1,3-Dichlorobenzene
Concen: 37.475 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion: 146 Resp: 386462
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.4
75 30.8 24.6 37.0



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





#13

1,4-Dichlorobenzene

Concen: 38.174 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

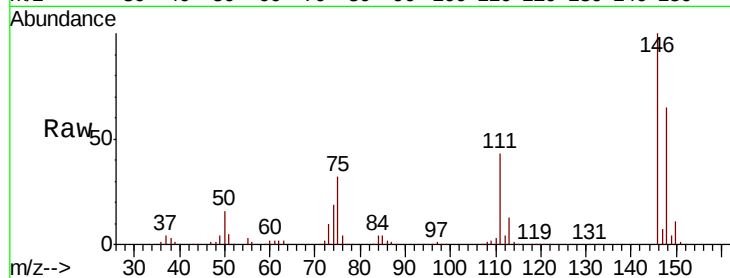
Tot Ion:146 Resp: 396418

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

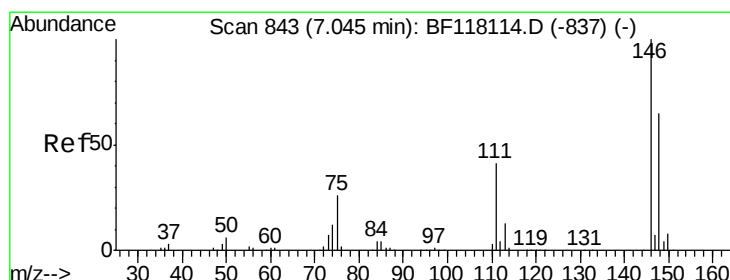
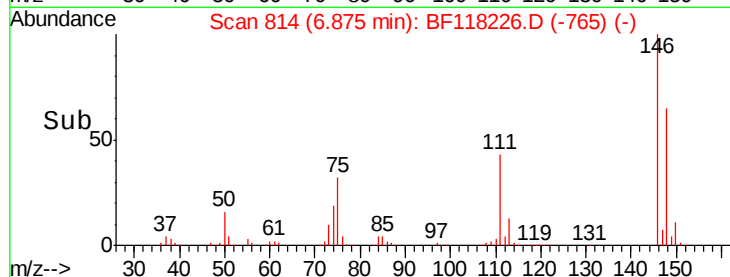
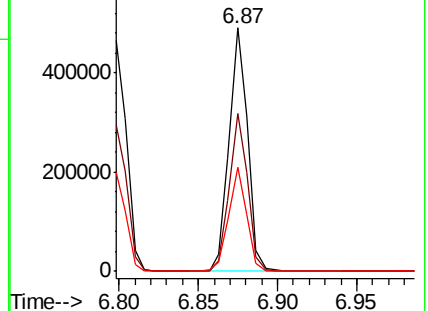
111 42.7 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.039 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

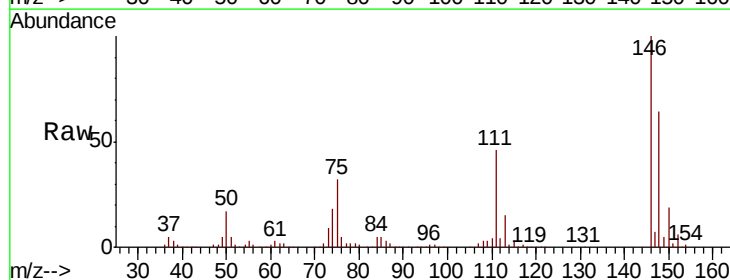
Tgt Ion:146 Resp: 370959

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

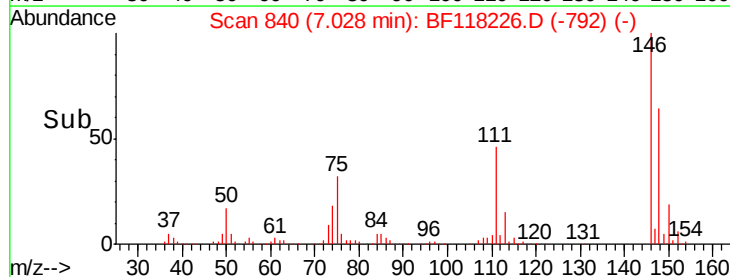
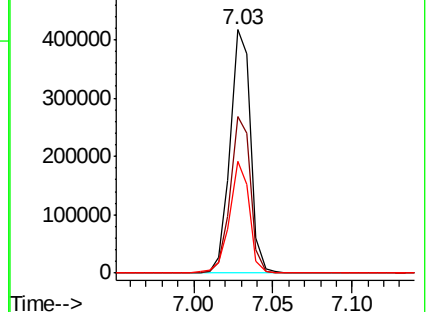
111 45.8 33.1 49.7

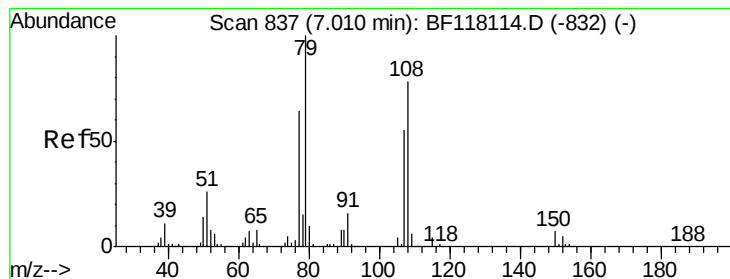


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.604 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

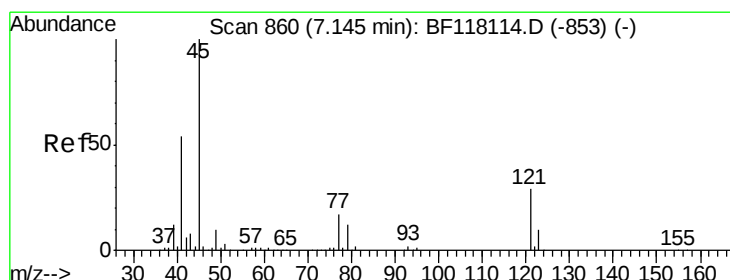
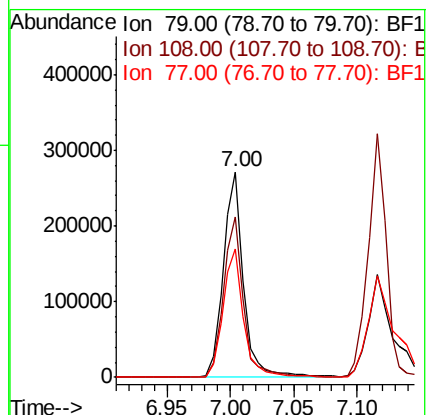
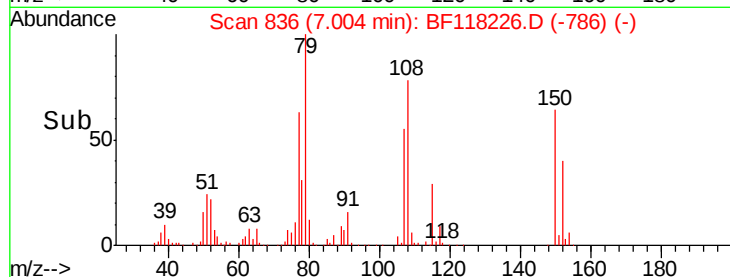
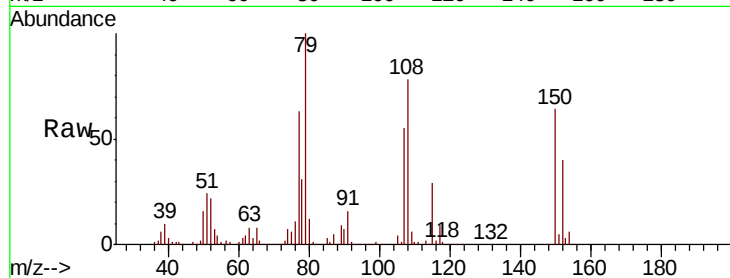
Tot Ion: 79 Resp: 300142

Ion Ratio Lower Upper

79 100

108 78.3 62.7 94.1

77 62.8 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.575 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

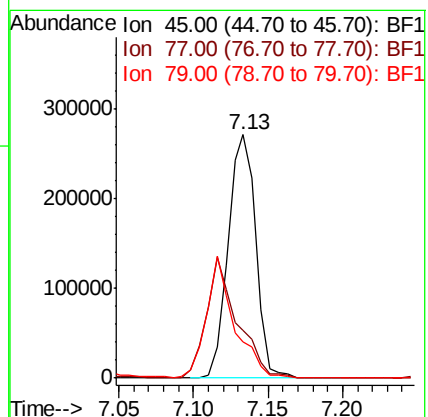
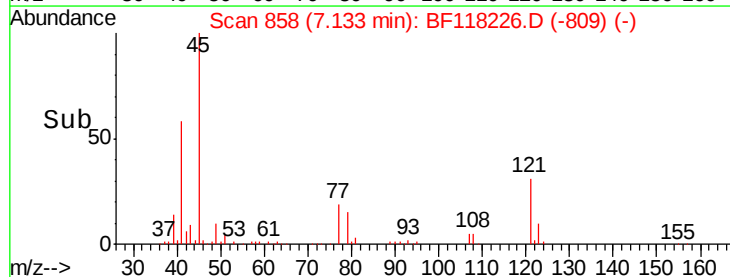
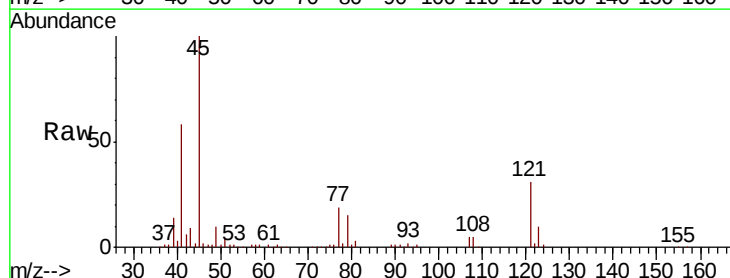
Tgt Ion: 45 Resp: 352875

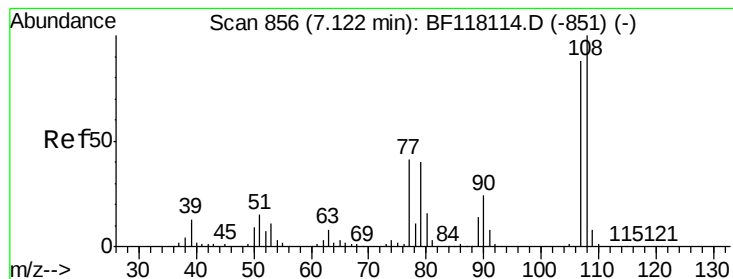
Ion Ratio Lower Upper

45 100

77 19.4 0.0 38.0

79 14.9 0.0 33.2

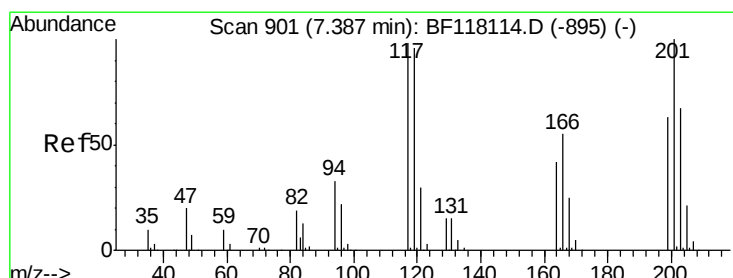
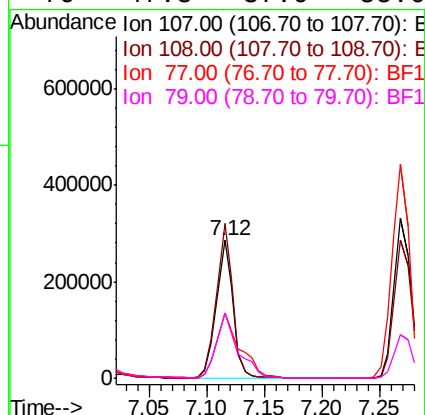
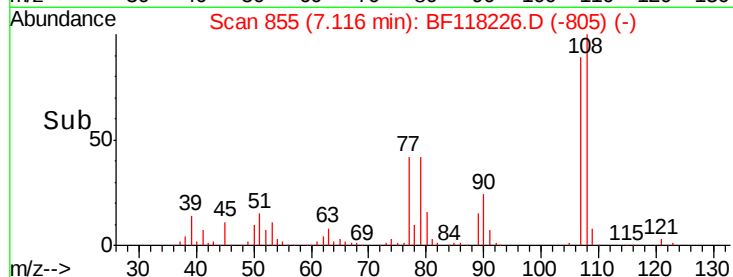
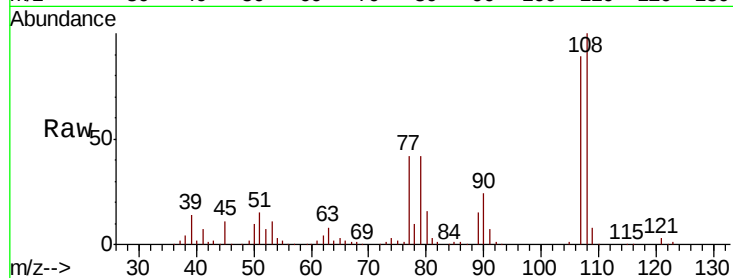




#17
2-Methylphenol
Concen: 40.906 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

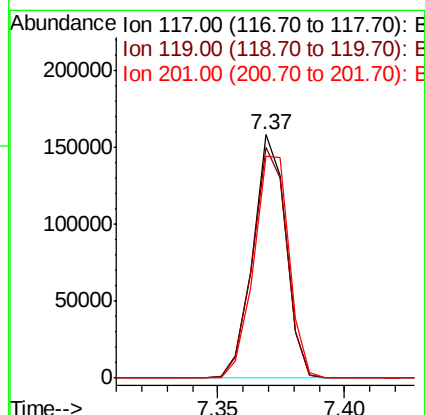
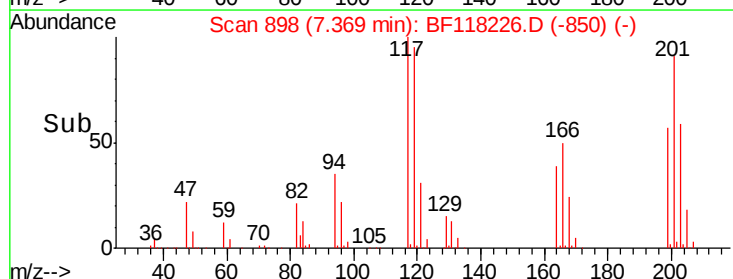
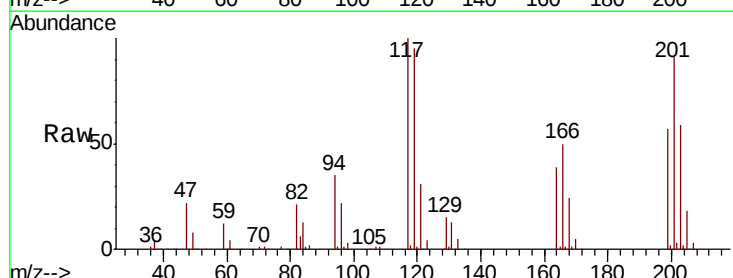
Instrument :
BNA_F
ClientSampleId :

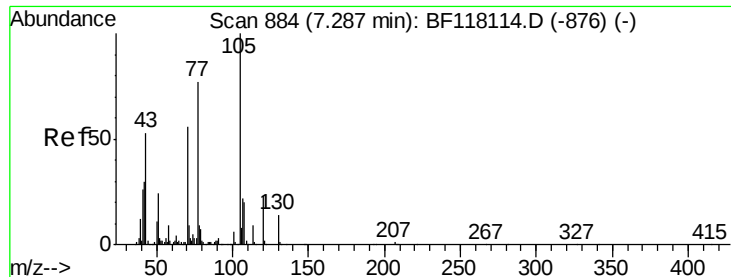
Tot Ion:	107	Resp:	287218
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.1	136.7
77	47.0	37.8	56.6
79	47.8	37.0	55.6



#18
Hexachloroethane
Concen: 37.468 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:	117	Resp:	143369
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	91.1	81.6	122.4

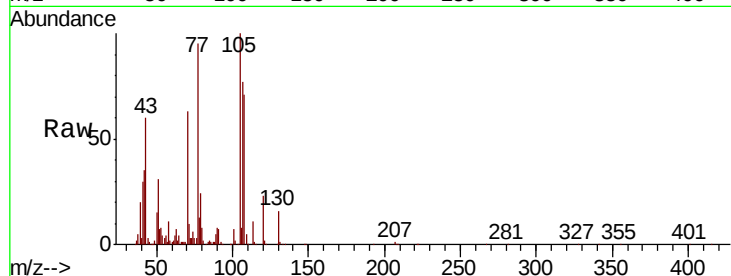




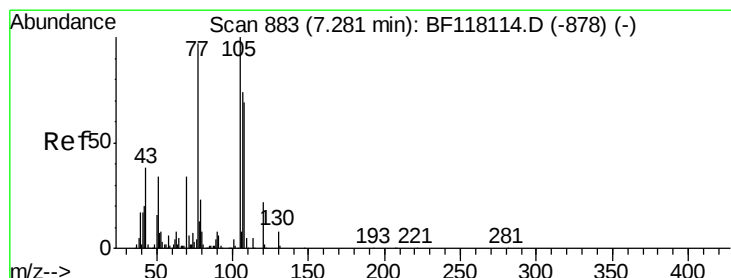
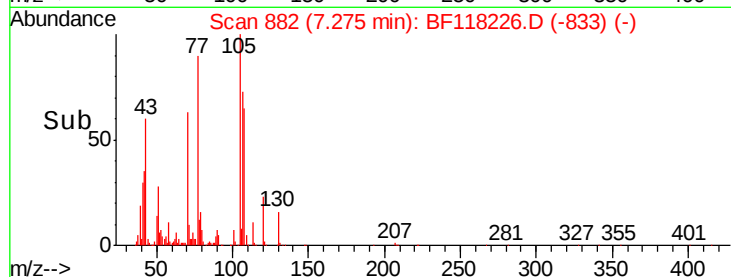
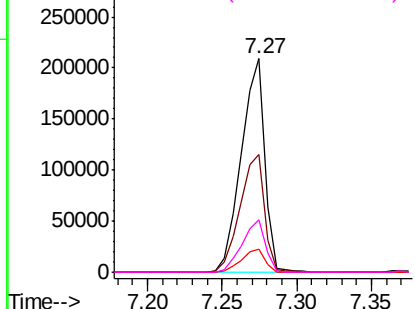
#19
n-Nitroso-di-n-propylamine
Concen: 39.879 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 229472
Ion Ratio Lower Upper
70 100
42 55.0 43.2 64.8
101 10.8 8.1 12.1
130 24.7 19.8 29.8



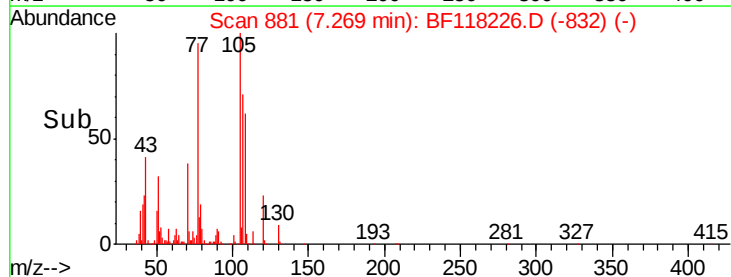
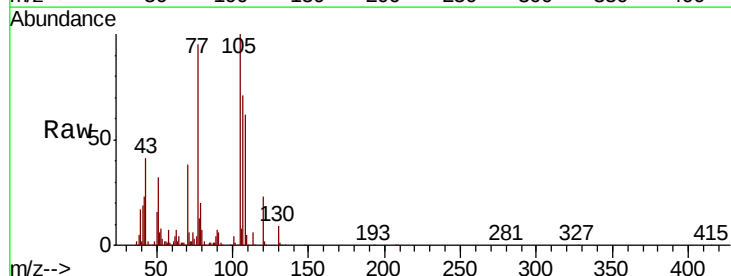
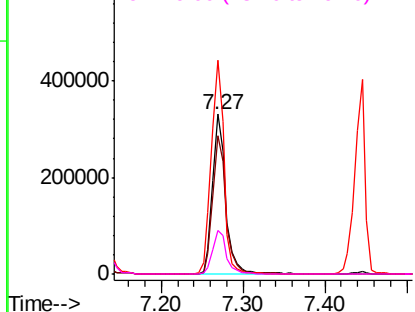
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

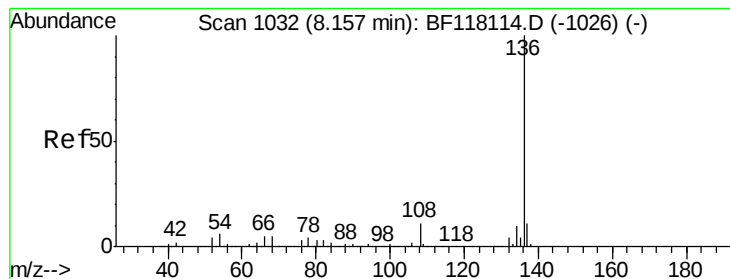


#20
3+4-Methylphenols
Concen: 41.791 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion: 107 Resp: 368569
Ion Ratio Lower Upper
107 100
108 86.8 73.2 113.2
77 133.5 110.9 150.9
79 27.6 11.5 51.5

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 547997

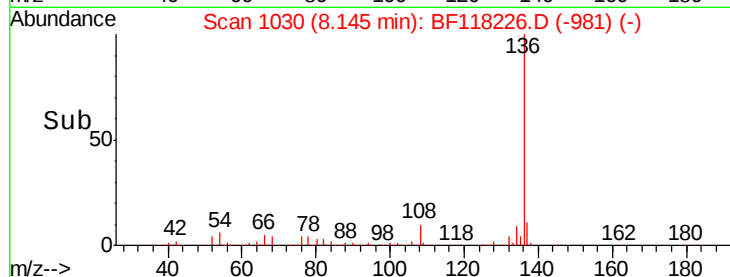
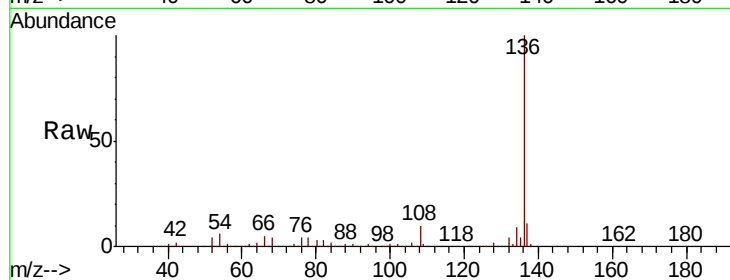
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.1 5.0 7.6

68 4.3 3.8 5.8

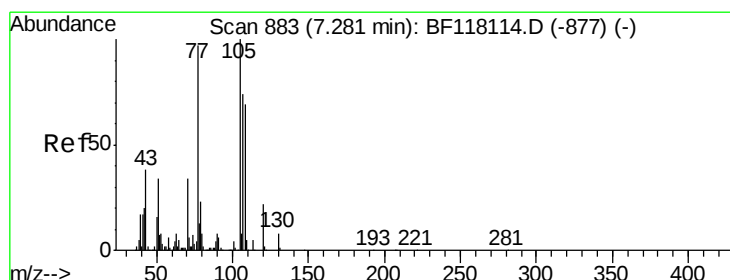
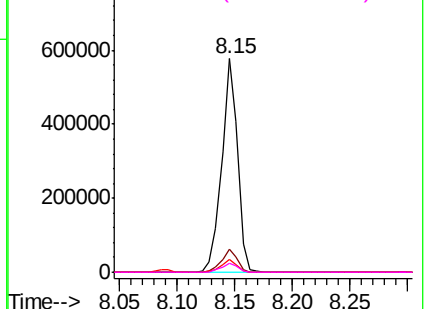


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.207 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Tgt Ion:105 Resp: 489841

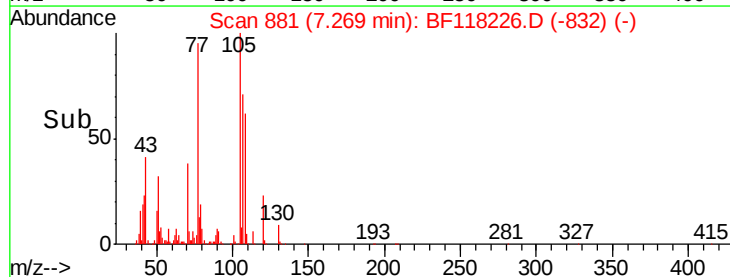
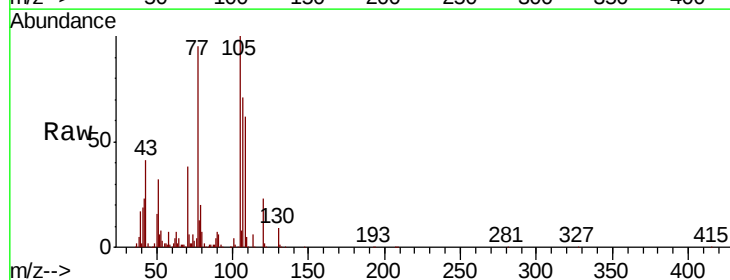
Ion Ratio Lower Upper

105 100

71 6.3 4.7 7.1

51 32.4 27.1 40.7

120 22.6 17.8 26.6

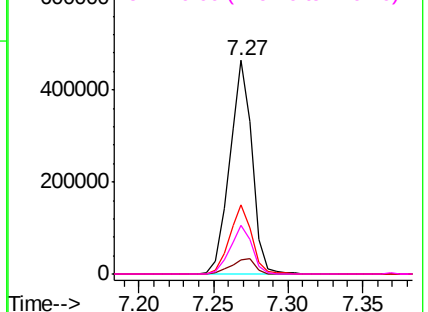


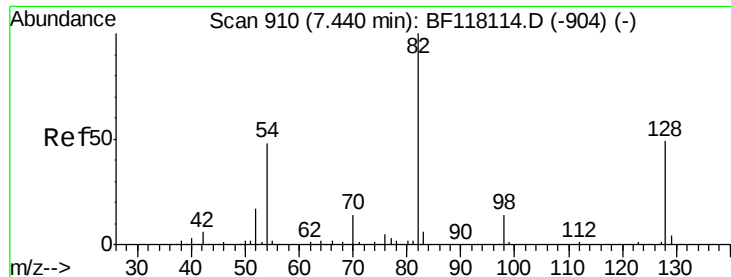
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

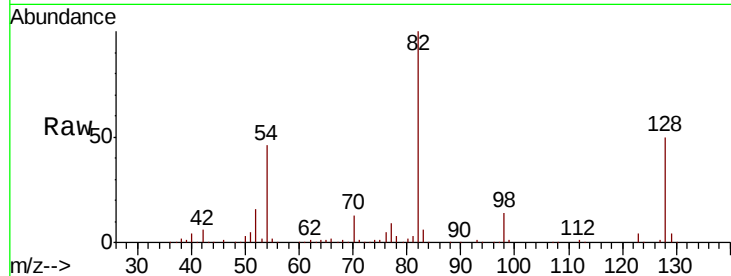




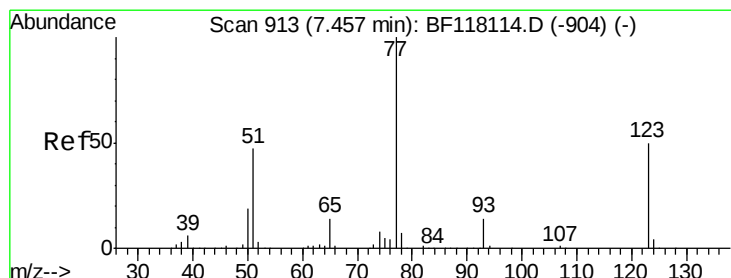
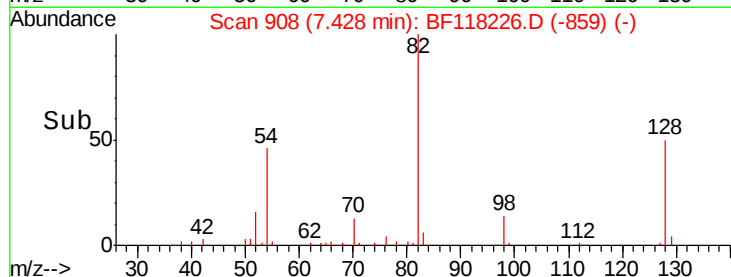
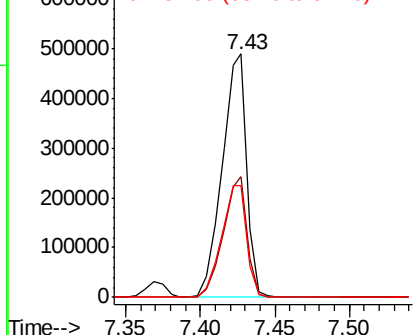
#23
Nitrobenzene-d5
Concen: 58.212 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 567034
Ion Ratio Lower Upper
82 100
128 49.8 39.1 58.7
54 46.1 38.2 57.2

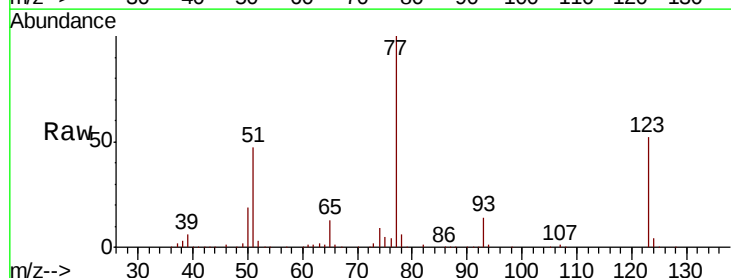


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

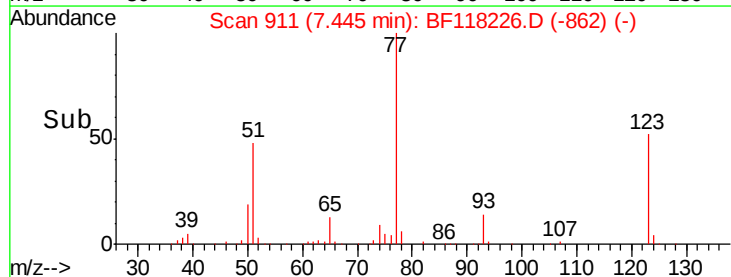
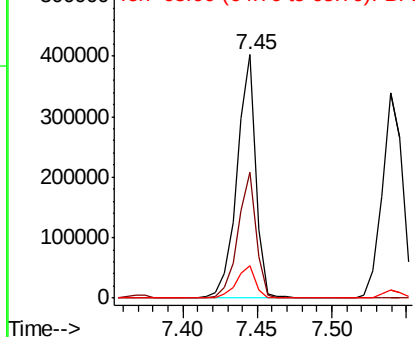


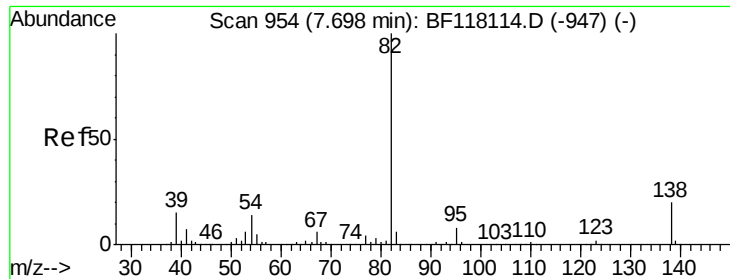
#24
Nitrobenzene
Concen: 37.207 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion: 77 Resp: 356083
Ion Ratio Lower Upper
77 100
123 51.5 40.1 60.1
65 13.1 10.9 16.3



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





#25

Isophorone

Concen: 38.481 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

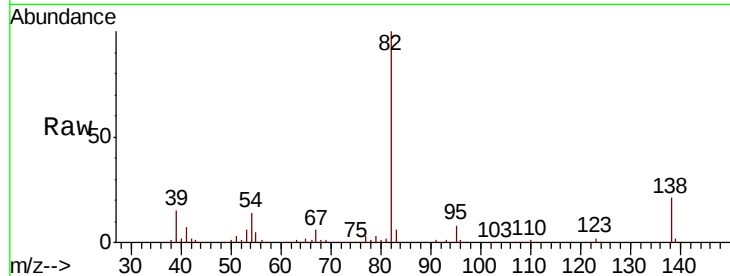
Tot Ion: 82 Resp: 635422

Ion Ratio Lower Upper

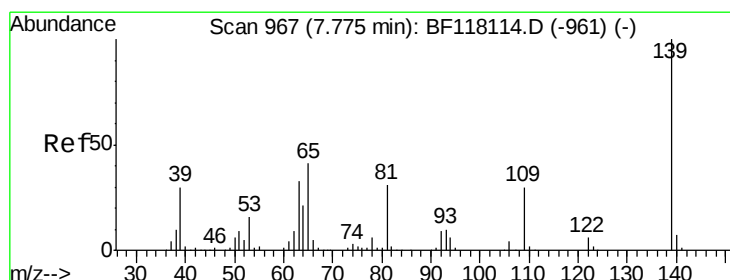
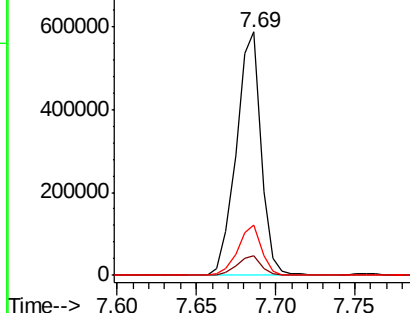
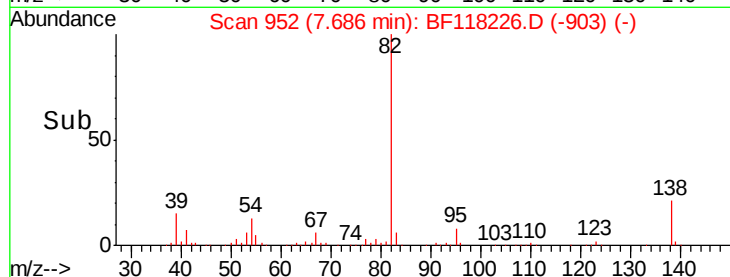
82 100

95 8.2 6.3 9.5

138 20.5 16.3 24.5



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: 39.417 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

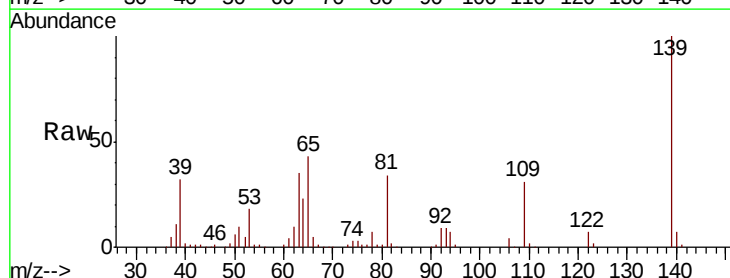
Tgt Ion: 139 Resp: 201624

Ion Ratio Lower Upper

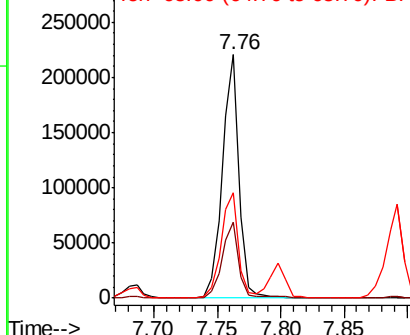
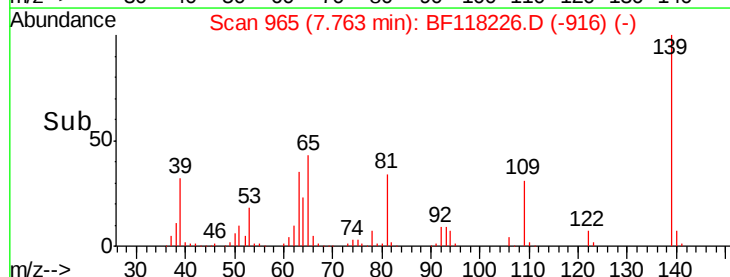
139 100

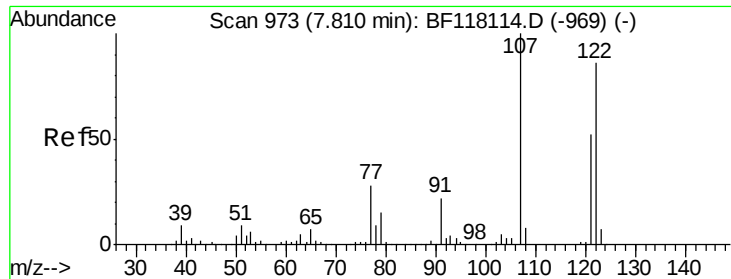
109 31.3 23.9 35.9

65 43.3 33.0 49.6



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

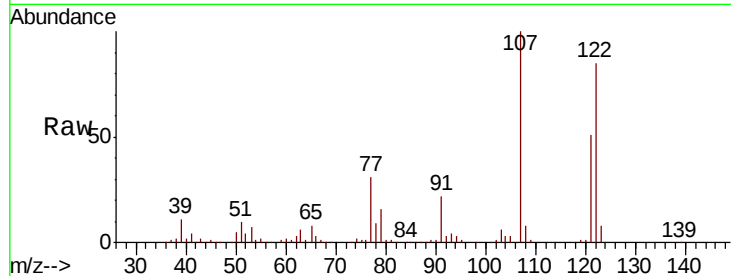




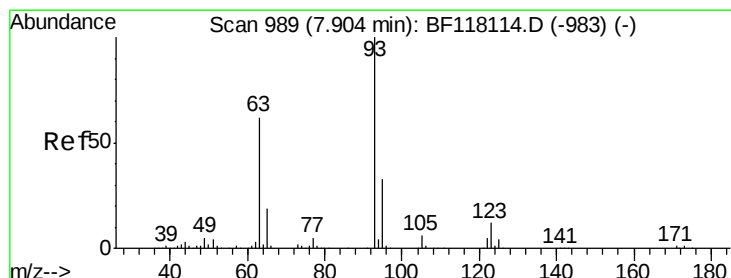
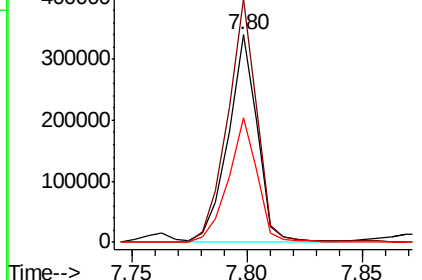
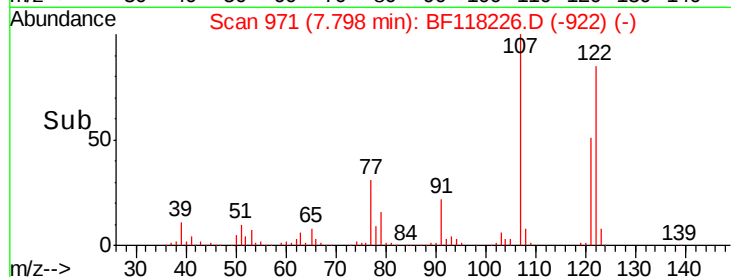
#27
2,4-Dimethylphenol
Concen: 43.720 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	92.9	139.3
121	59.9	48.3	72.5

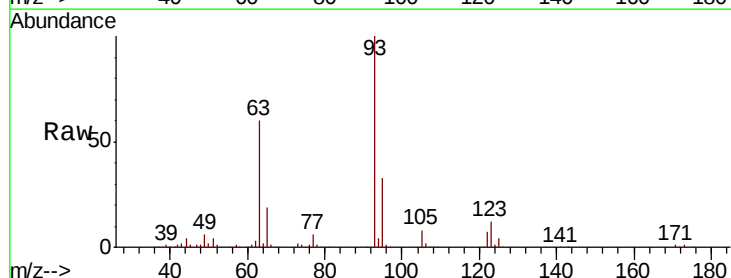


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

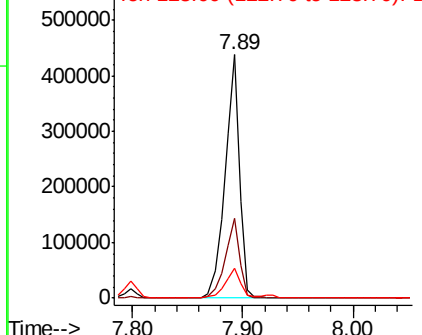
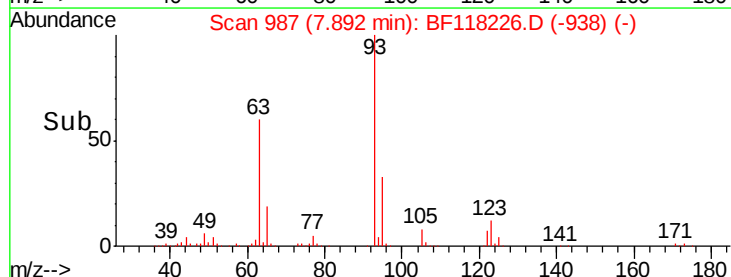


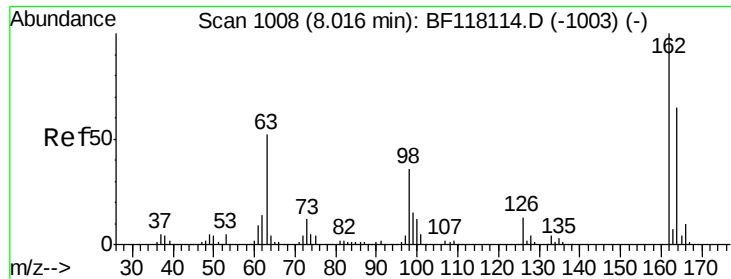
#28
bis(2-Chloroethoxy)methane
Concen: 37.111 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.7	40.1
123	12.3	10.0	15.0



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

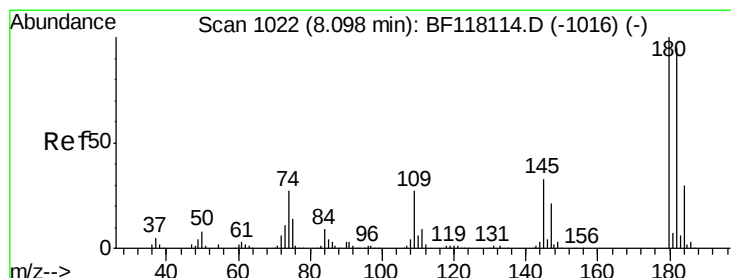
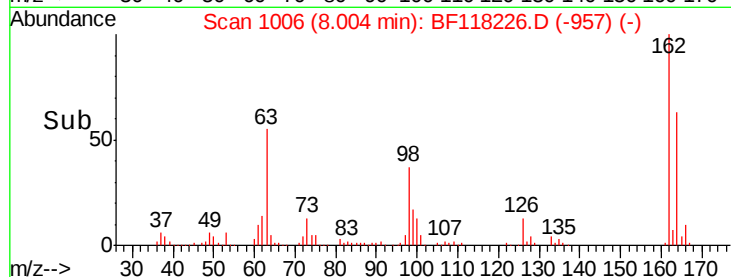
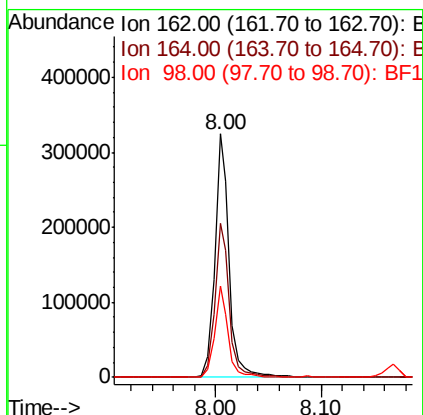
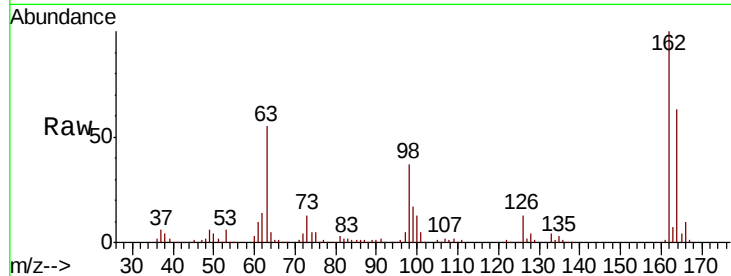




#29
2,4-Dichlorophenol
Concen: 39.234 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

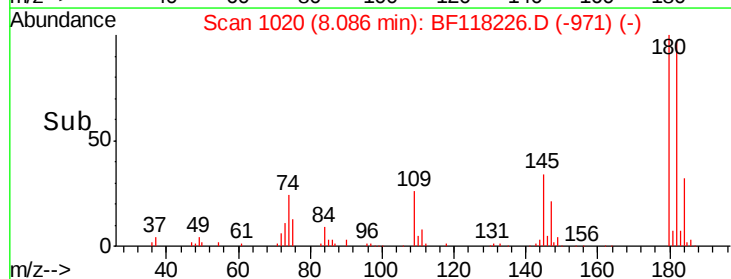
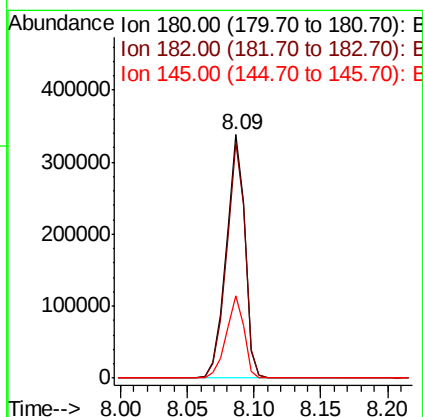
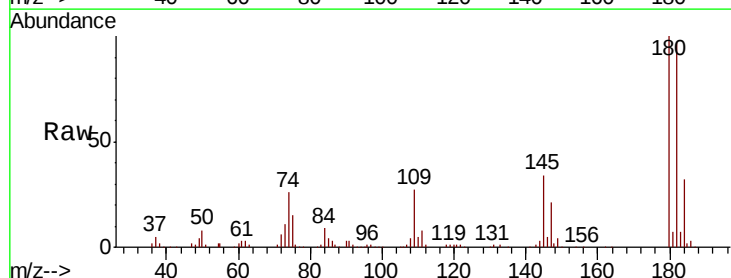
Instrument :
BNA_F
ClientSampleId :

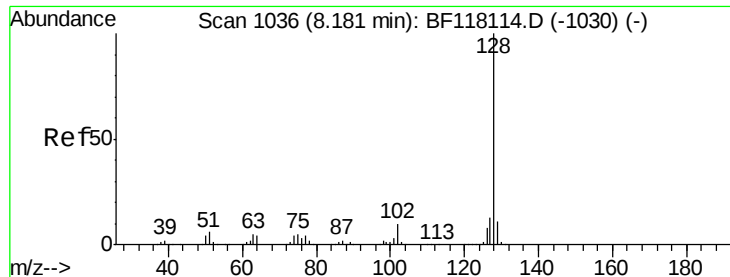
Tot Ion:162 Resp: 312076
Ion Ratio Lower Upper
162 100
164 63.2 45.2 85.2
98 37.3 15.9 55.9



#30
1,2,4-Trichlorobenzene
Concen: 36.073 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:180 Resp: 335323
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 33.7 26.1 39.1

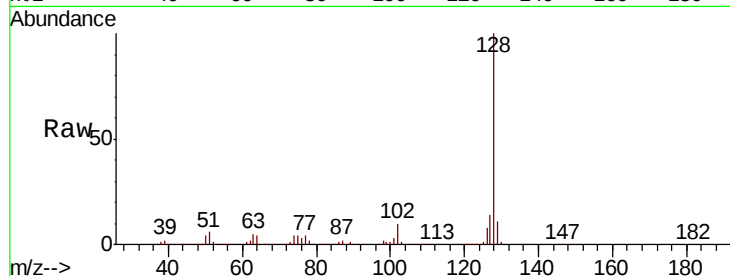




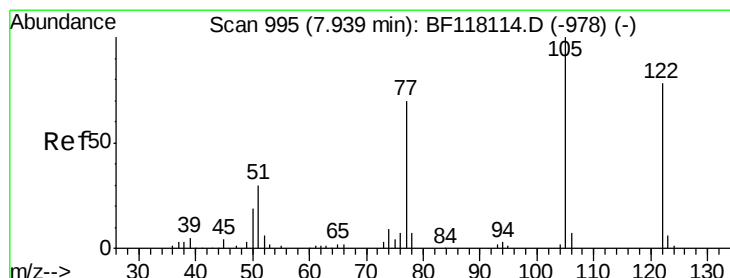
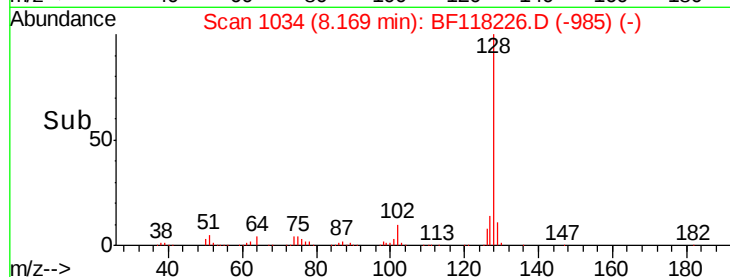
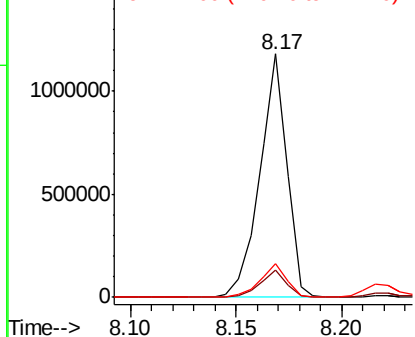
#31
Naphthalene
Concen: 38.207 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1051519
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 10.6 16.0

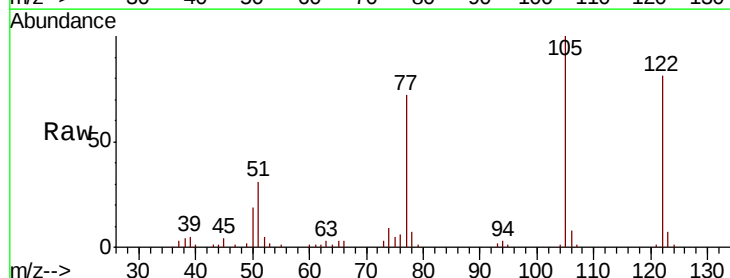


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

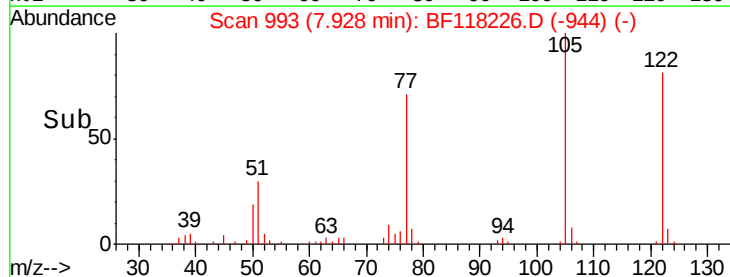
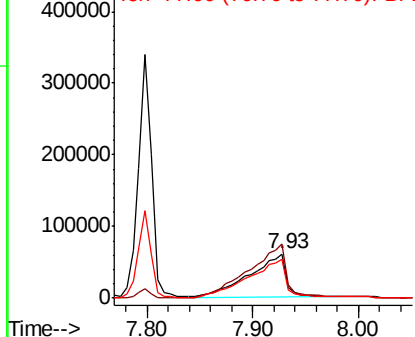


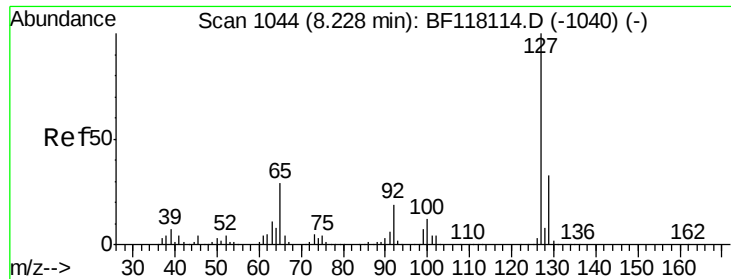
#32
Benzoic acid
Concen: 24.048 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:122 Resp: 148148
Ion Ratio Lower Upper
122 100
105 122.9 104.7 144.7
77 88.8 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

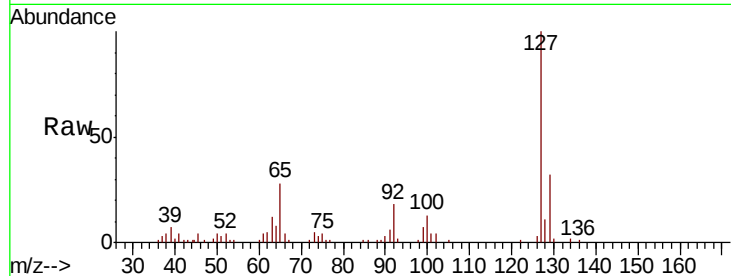




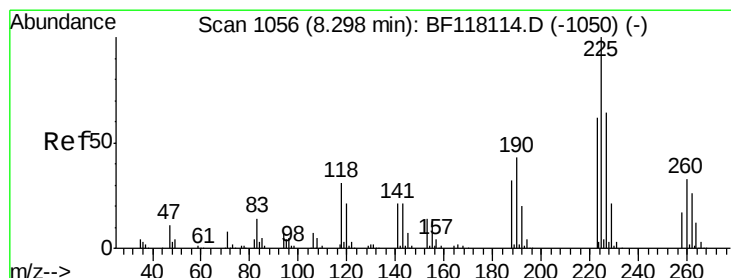
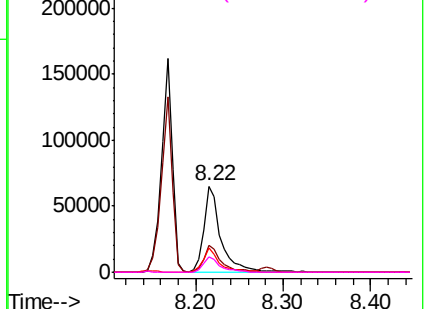
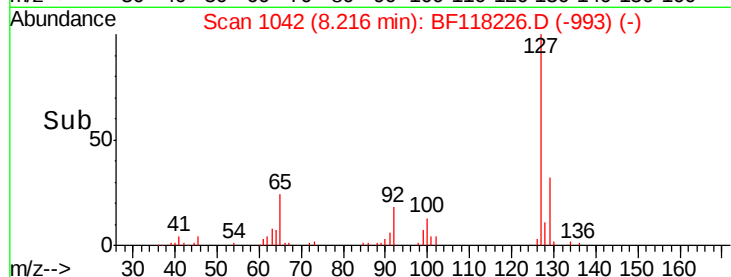
#33
4-Chloroaniline
Concen: 7.518 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	89345
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	27.9	23.2	34.8
92	18.1	15.4	23.0

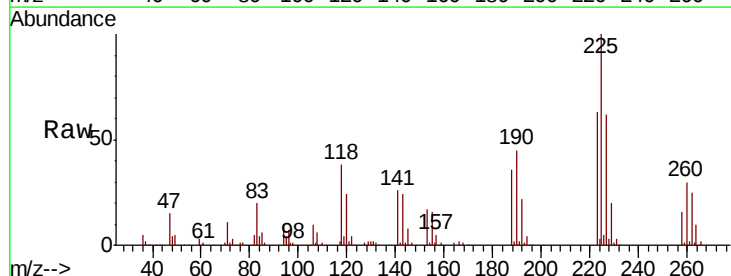


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

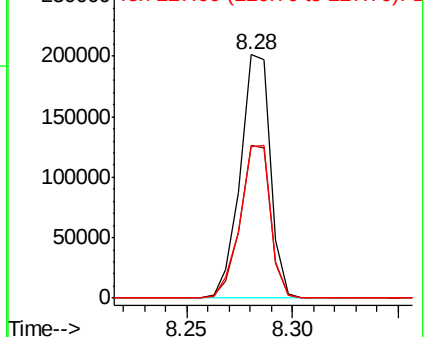
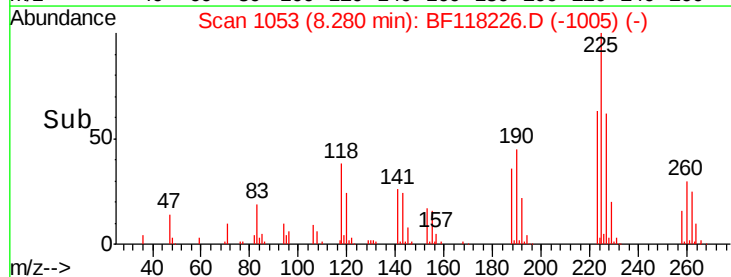


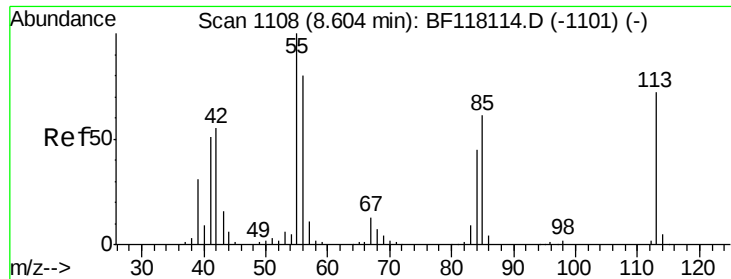
#34
Hexachlorobutadiene
Concen: 35.714 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:	225	Resp:	199076
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.6	74.4
227	62.4	51.0	76.6



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

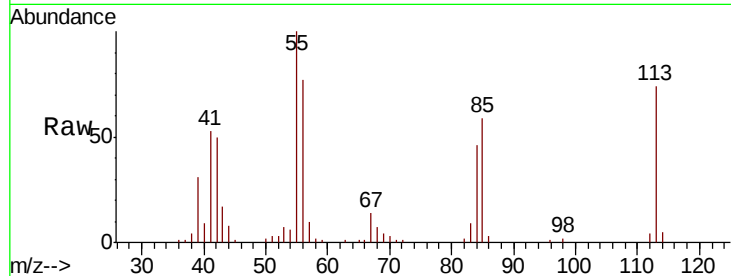




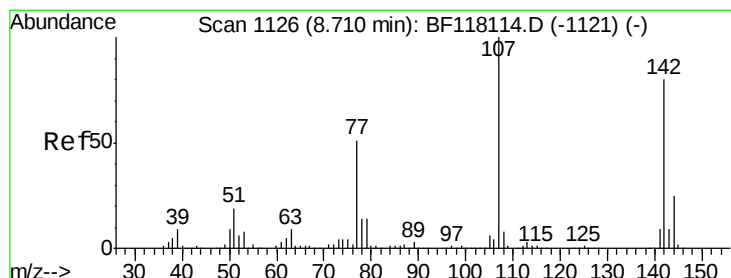
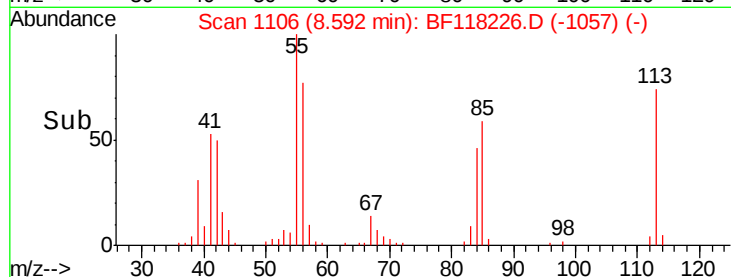
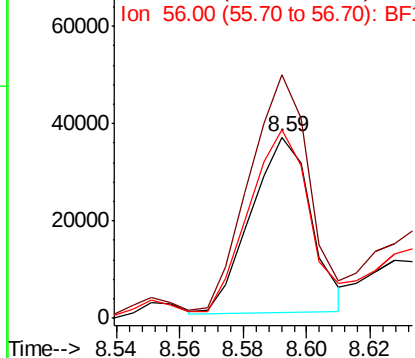
#35
 Caprolactam
 Concen: 19.540 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 47932
 Ion Ratio Lower Upper
 113 100
 55 134.3 118.9 158.9
 56 103.9 91.4 131.4

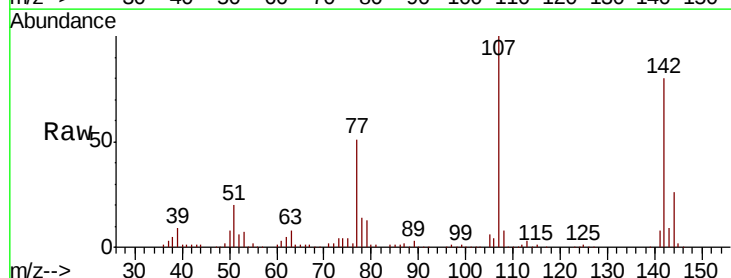


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

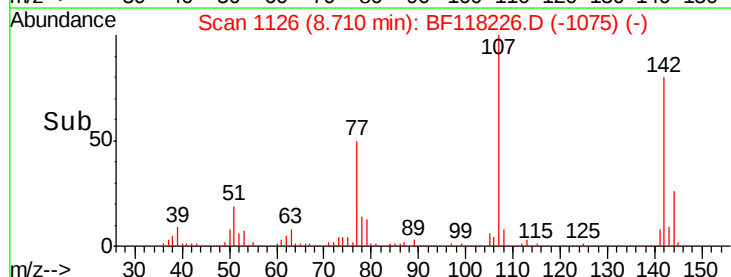
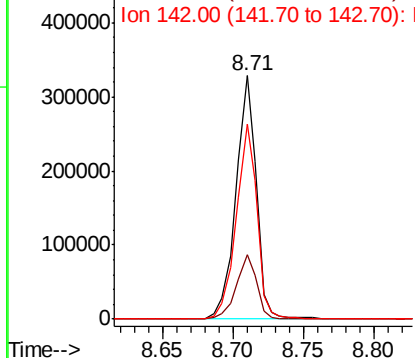


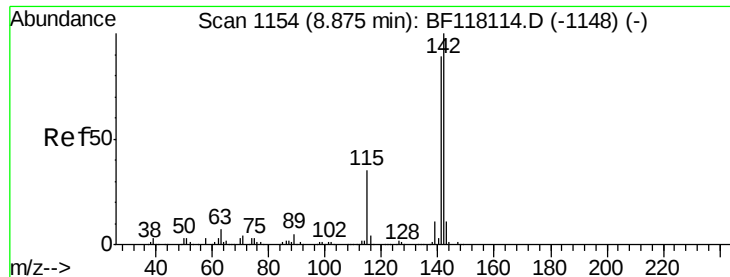
#36
 4-Chloro-3-methylphenol
 Concen: 39.528 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Tgt Ion:107 Resp: 330873
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 80.1 63.7 95.5



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

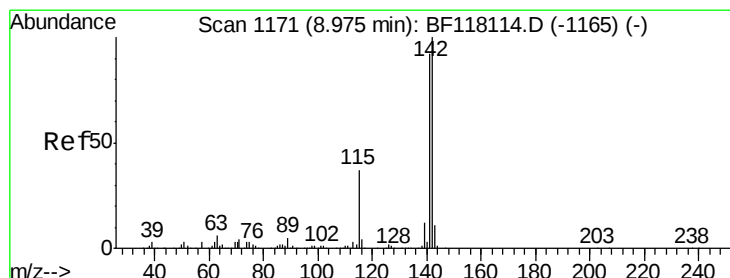
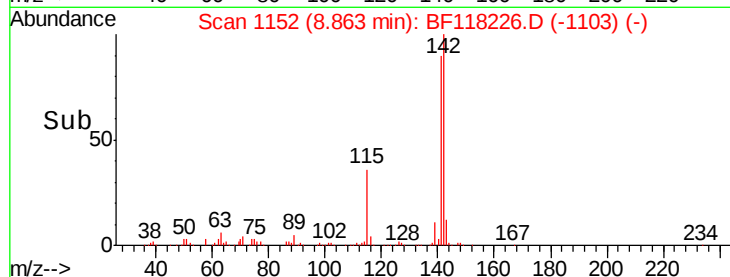
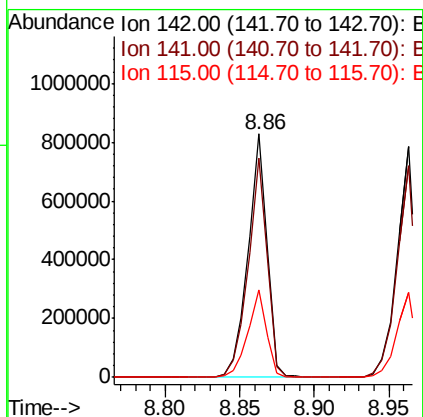
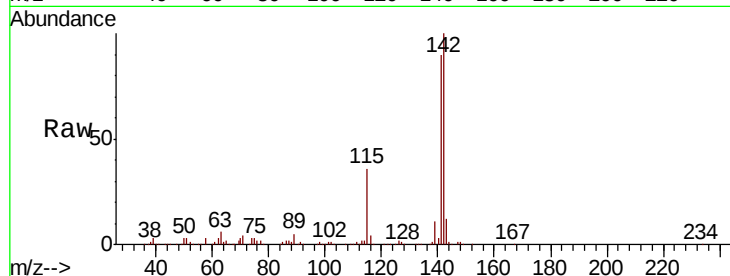




#37
2-Methylnaphthalene
Concen: 39.212 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

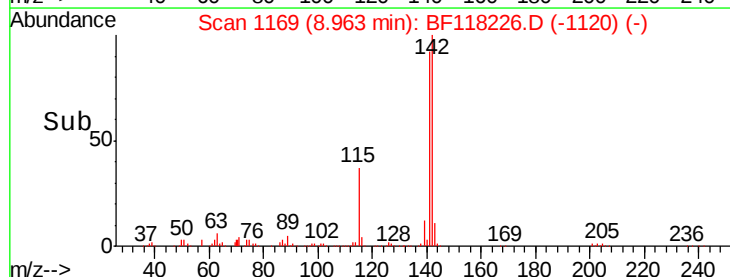
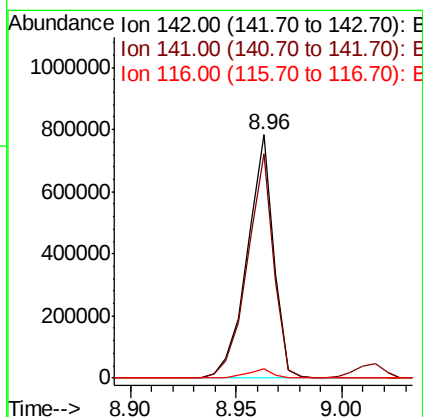
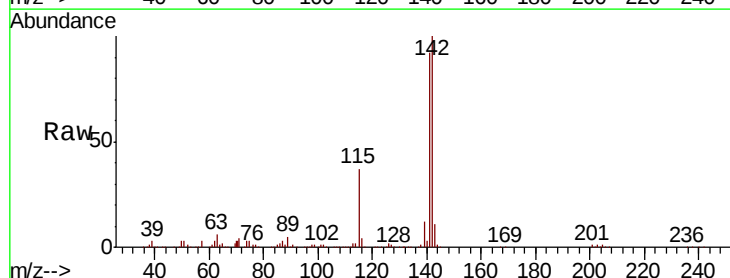
Instrument :
BNA_F
ClientSampleId :

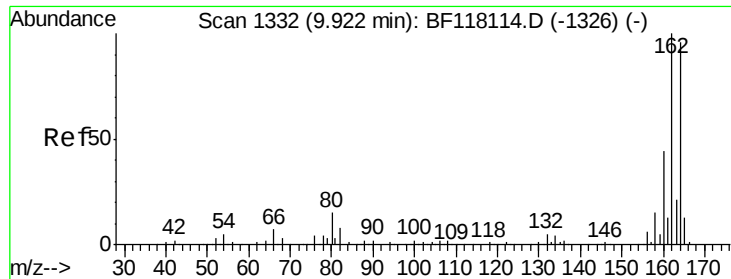
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0
115	35.9	28.2	42.4



#38
1-Methylnaphthalene
Concen: 38.504 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.0	111.0
116	3.9	3.2	4.8

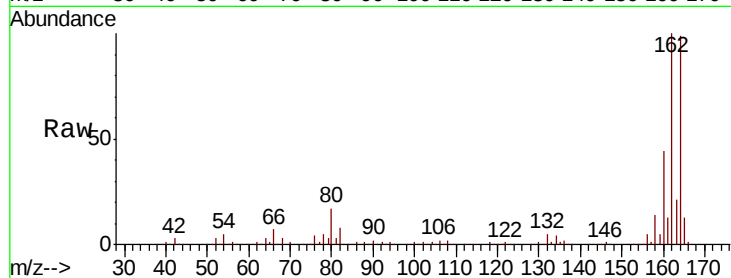




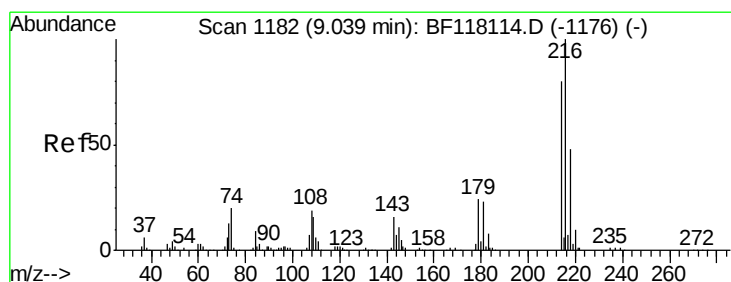
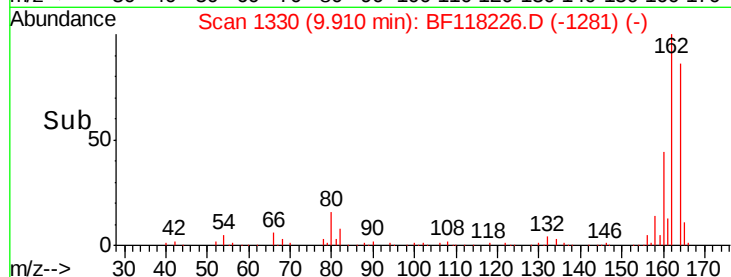
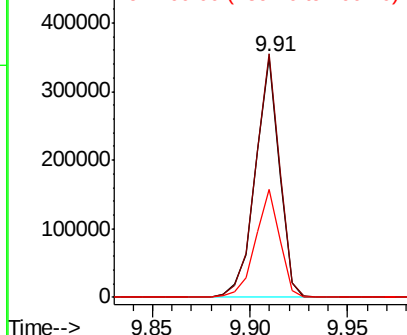
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 298297
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.0
160 45.1 36.6 54.8

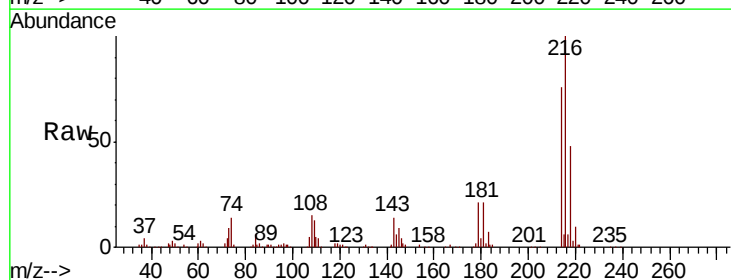


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

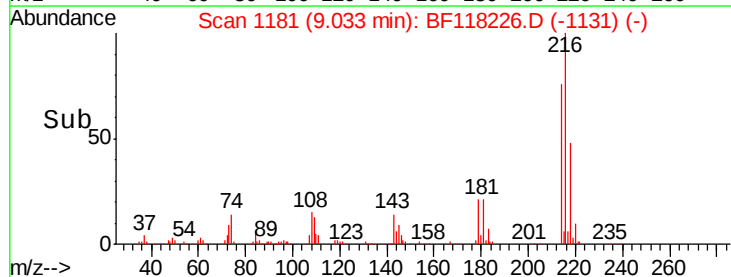
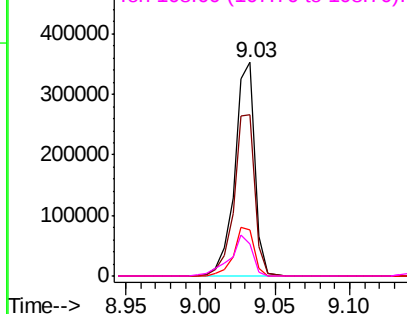


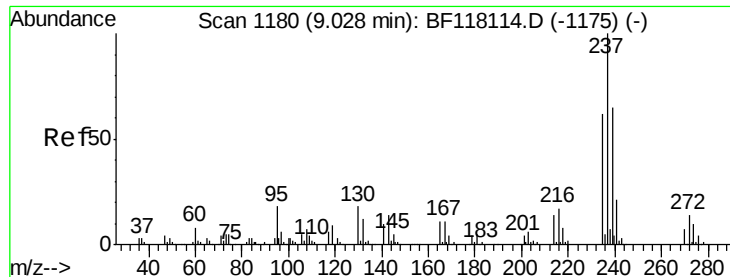
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.783 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:216 Resp: 332392
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 23.0 18.6 27.8
108 21.2 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.891 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampled :

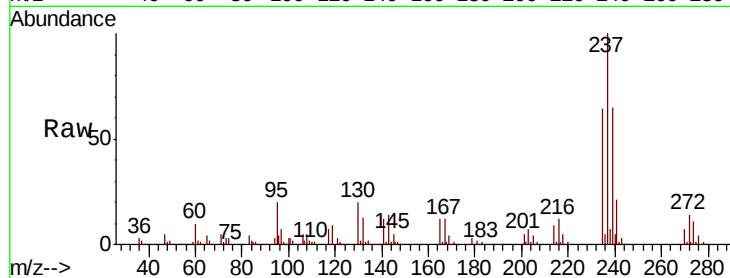
Tot Ion:237 Resp: 335609

Ion Ratio Lower Upper

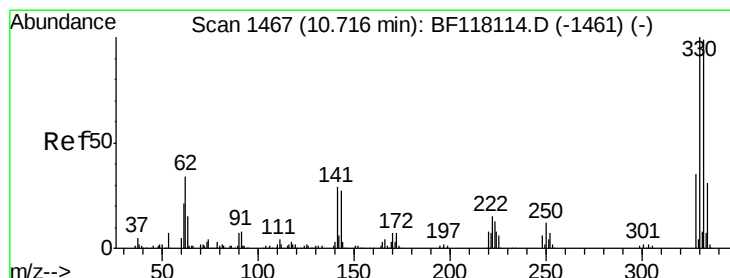
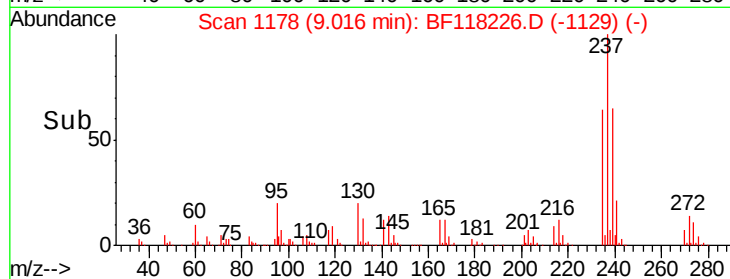
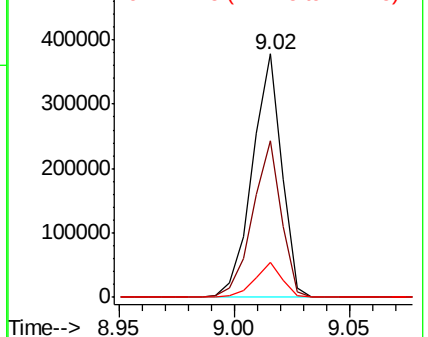
237 100

235 64.3 41.5 81.5

272 14.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 95.276 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

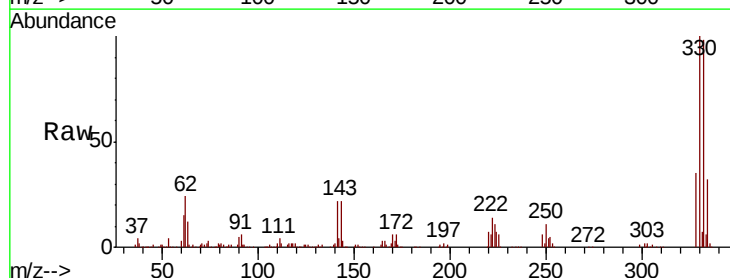
Tgt Ion:330 Resp: 345256

Ion Ratio Lower Upper

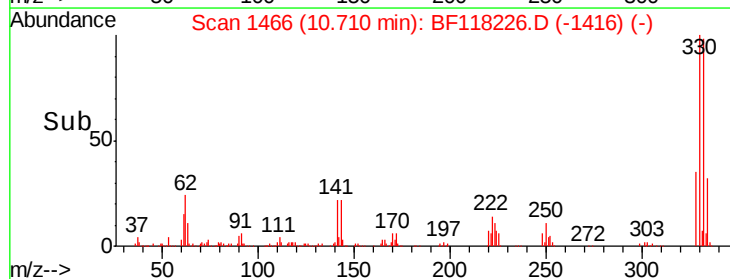
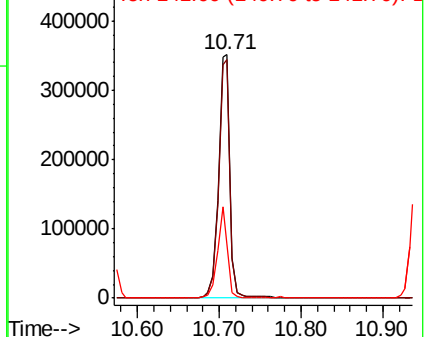
330 100

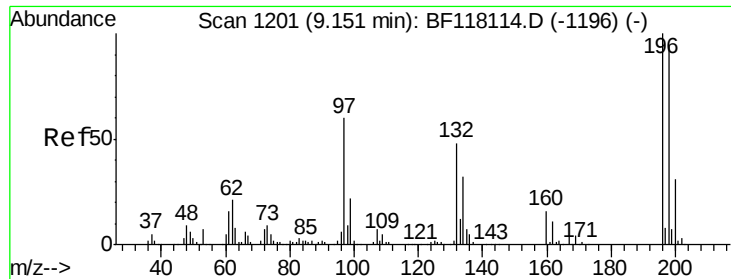
332 96.0 78.1 117.1

141 32.9 26.9 40.3



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

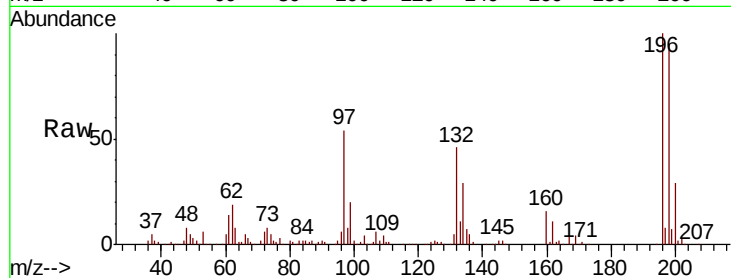




#43
 2,4,6-Trichlorophenol
 Concen: 37.694 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	227429
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.0	112.4
200	29.5	24.5	36.7

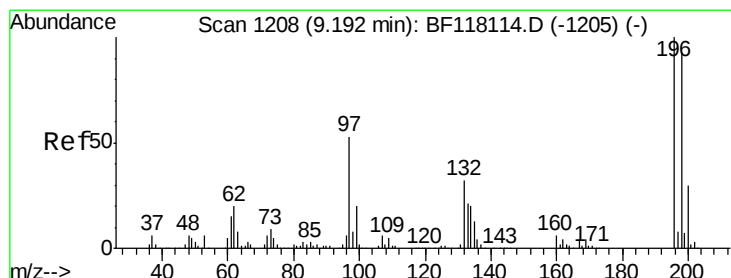
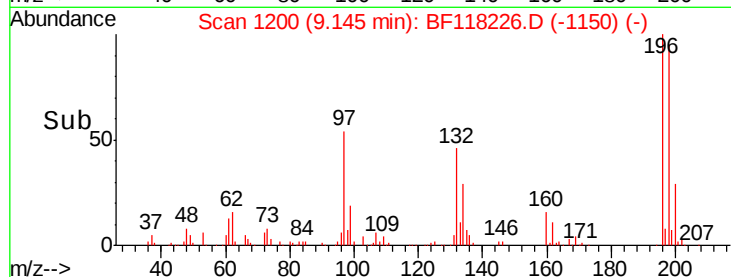
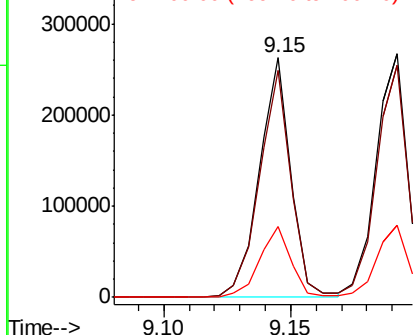


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.242 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Tgt Ion	196	Resp	245297
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.2	111.4
97	44.8	42.5	63.7
132	27.8	25.4	38.2

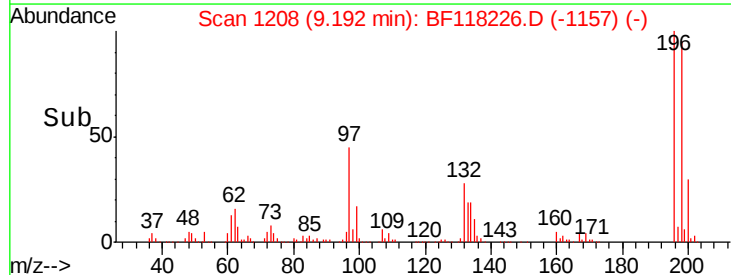
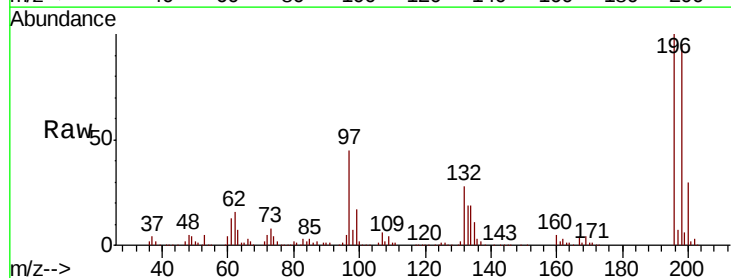
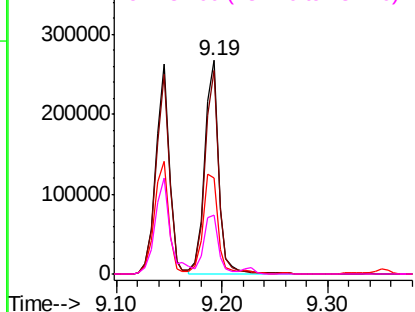
Abundance

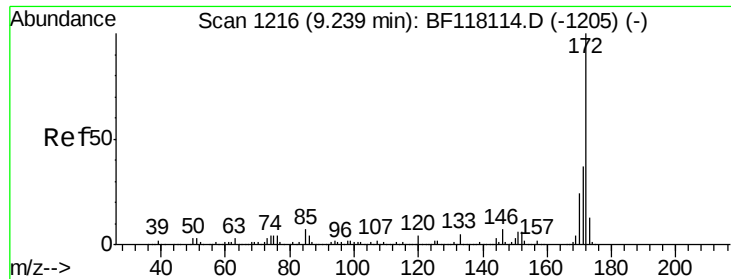
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

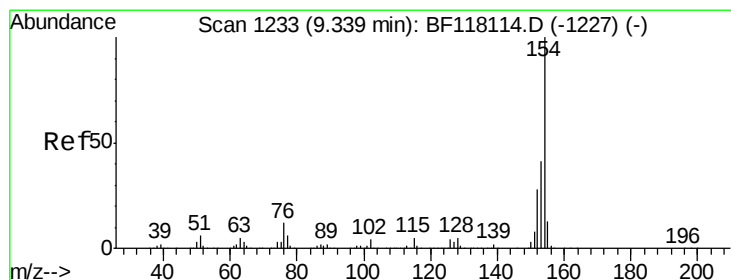
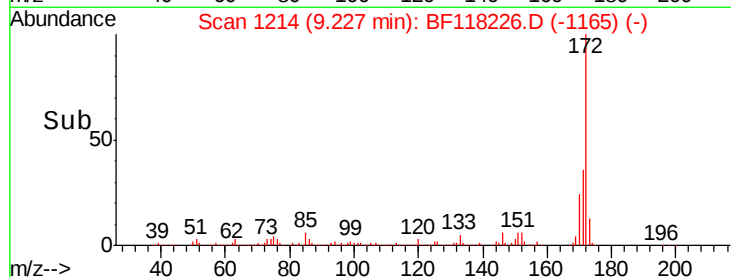
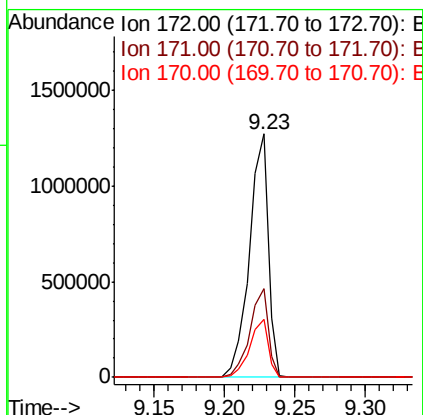
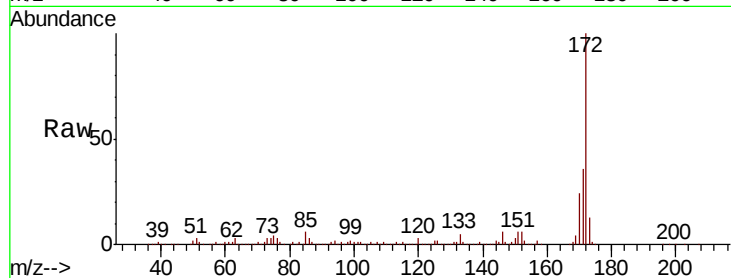




#45
2-Fluorobiphenyl
Concen: 61.306 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

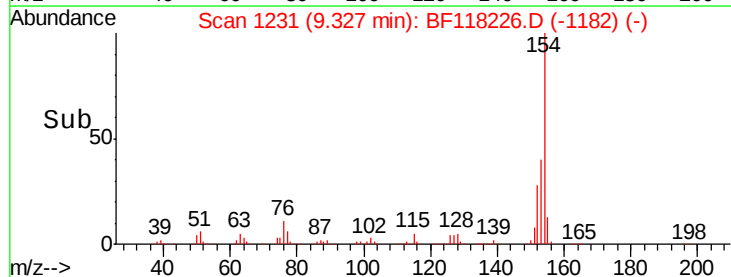
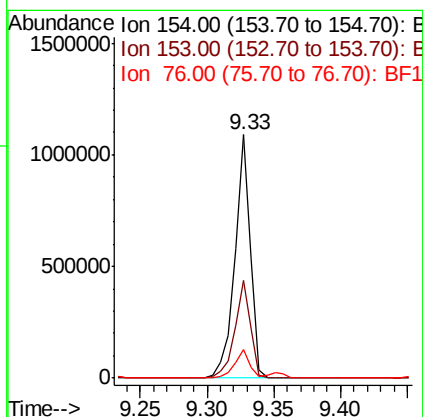
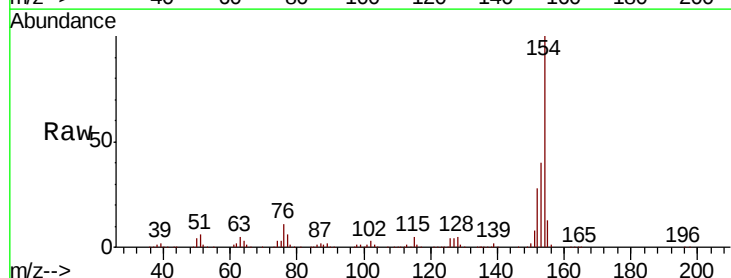
Instrument :
BNA_F
ClientSampleId :

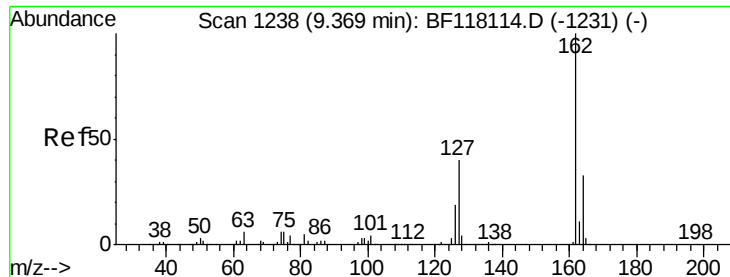
Tot Ion:172 Resp: 1201826
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 37.867 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:154 Resp: 890881
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 11.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 36.426 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

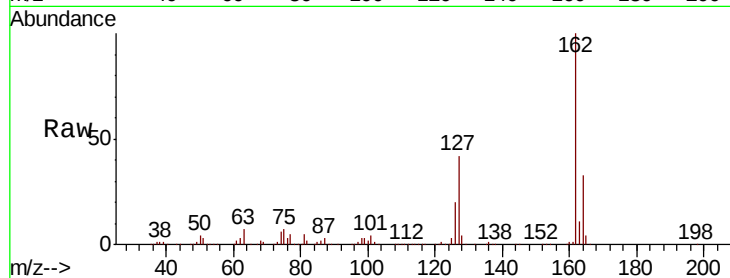
Tot Ion:162 Resp: 689360

Ion Ratio Lower Upper

162 100

127 41.8 32.0 48.0

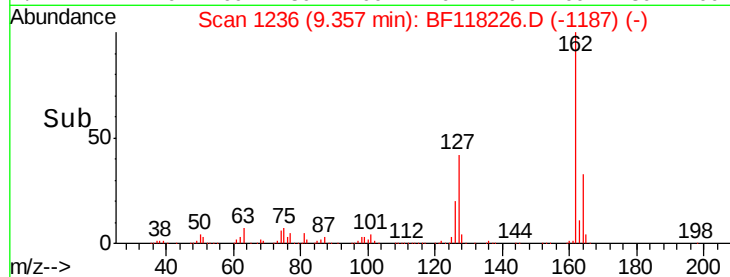
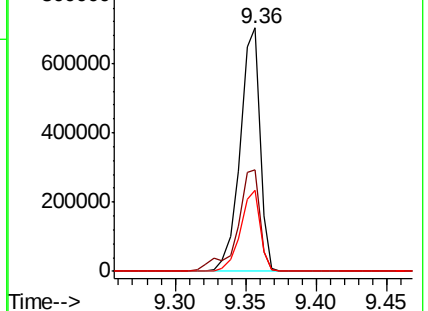
164 33.3 26.1 39.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.102 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

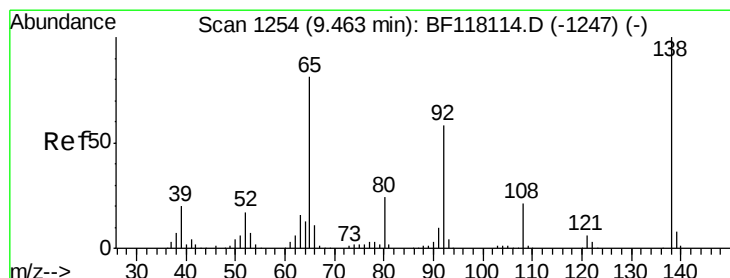
Tgt Ion: 65 Resp: 189438

Ion Ratio Lower Upper

65 100

92 72.9 57.8 86.6

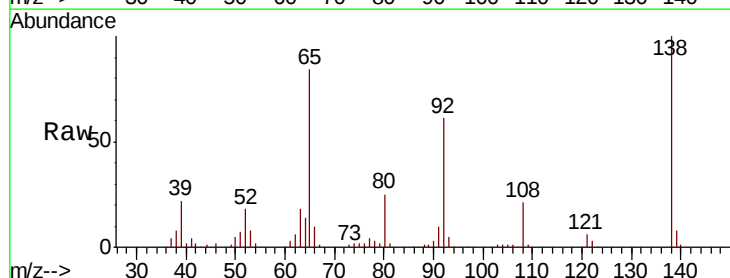
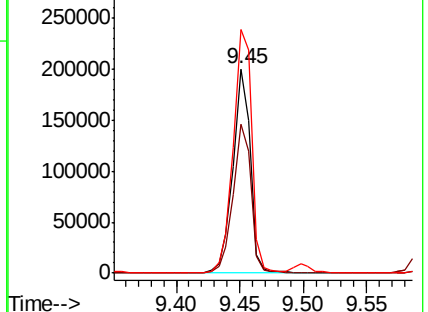
138 119.2 98.8 148.2

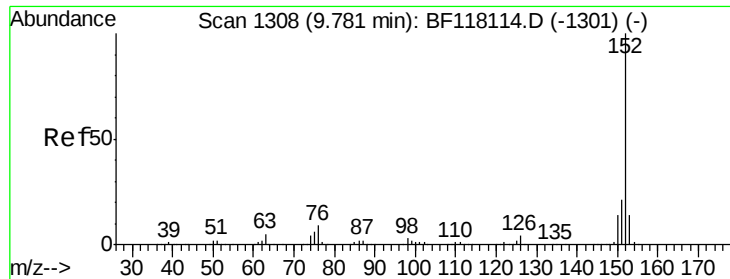


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.403 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

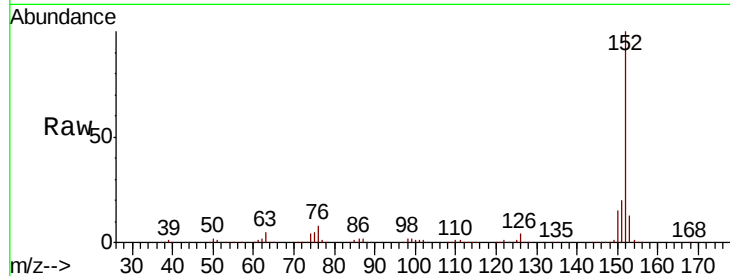
Tot Ion:152 Resp: 1099848

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

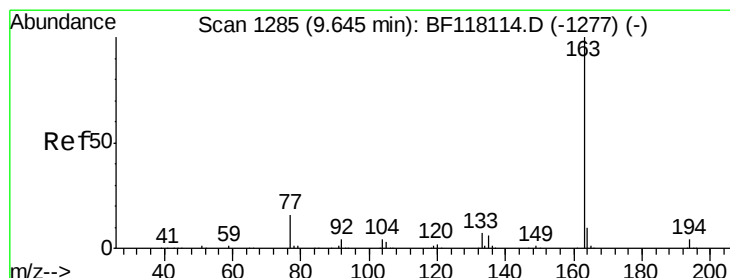
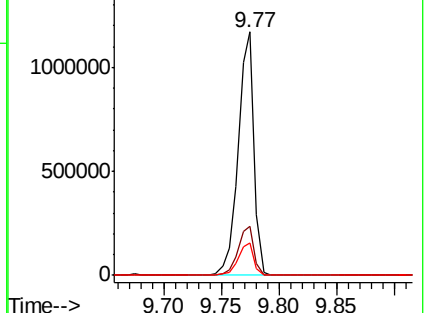
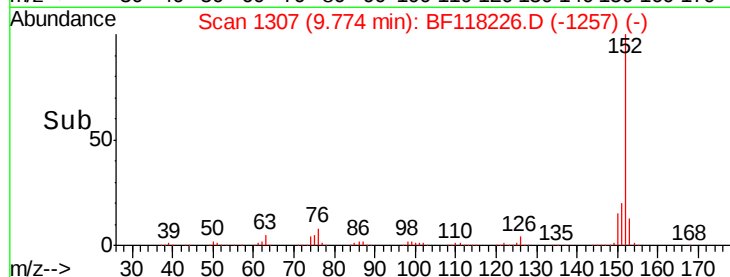
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.976 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

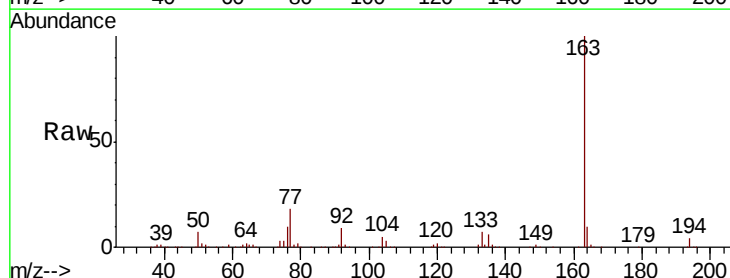
Tgt Ion:163 Resp: 880814

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

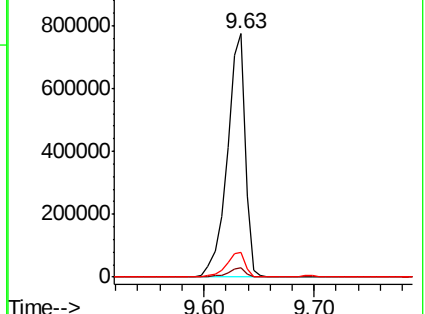
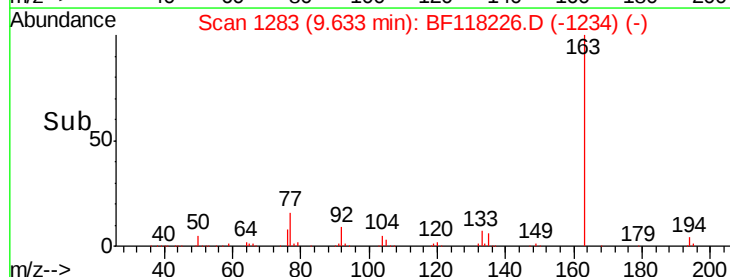
164 10.0 7.7 11.5

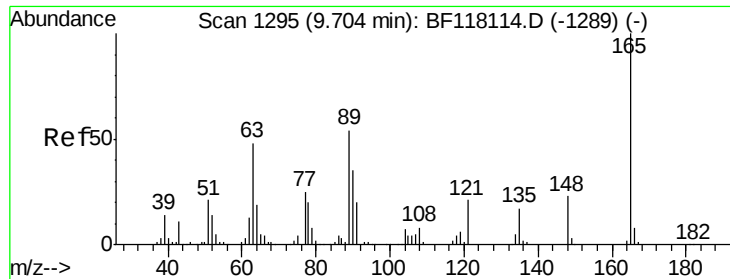


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.333 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampled :

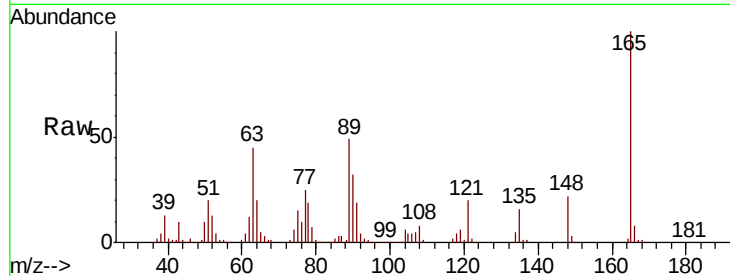
Tot Ion:165 Resp: 188445

Ion Ratio Lower Upper

165 100

63 44.6 41.4 62.0

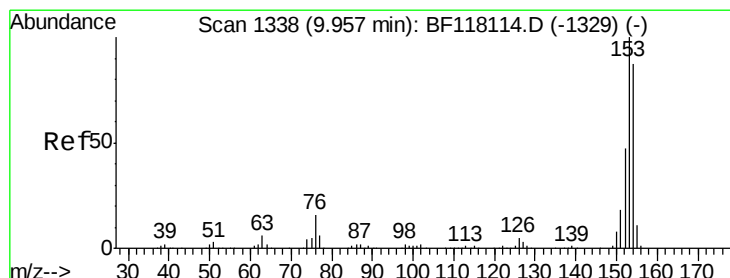
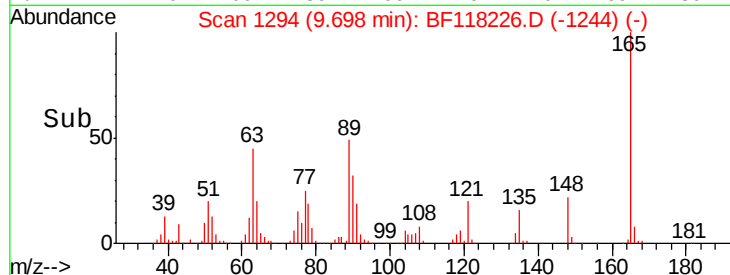
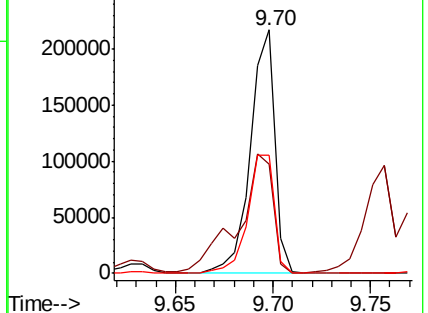
89 48.6 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.155 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

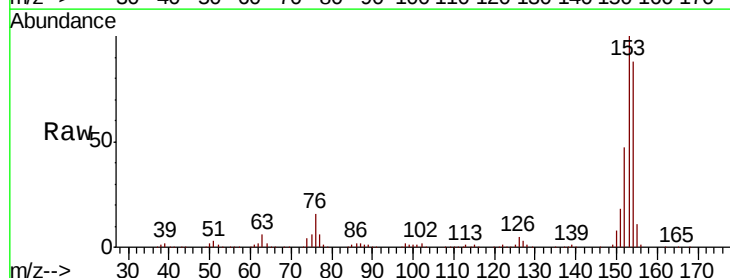
Tgt Ion:154 Resp: 633008

Ion Ratio Lower Upper

154 100

153 113.7 91.8 137.6

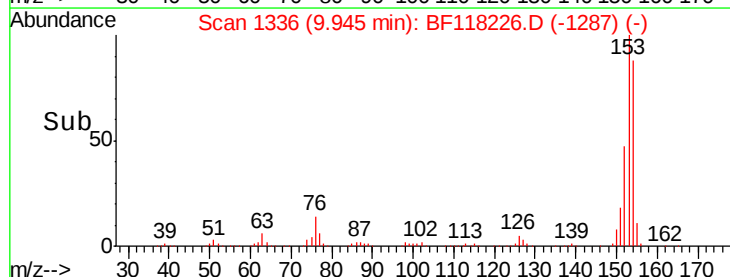
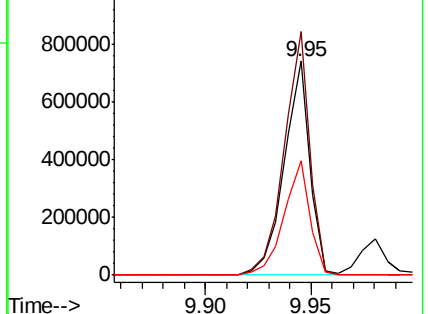
152 53.4 43.3 64.9

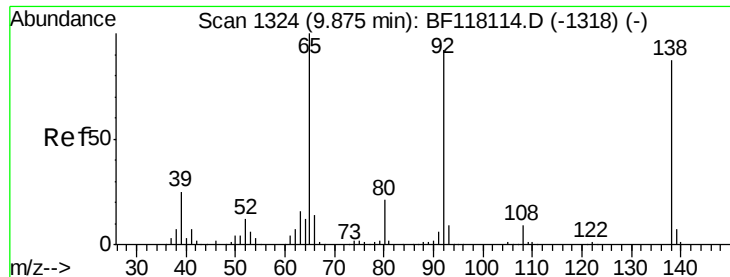


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

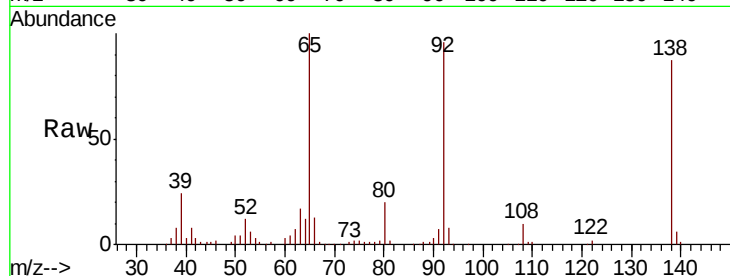




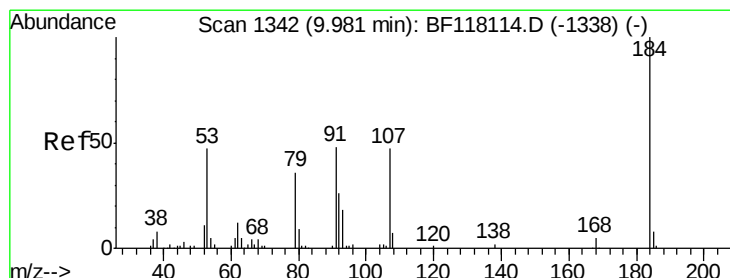
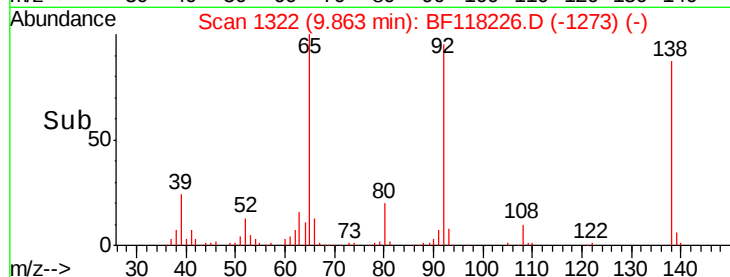
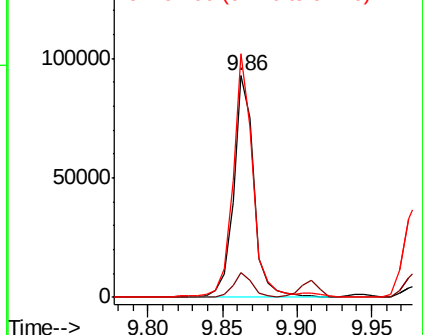
#53
3-Nitroaniline
Concen: 15.774 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 88937
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 109.9 84.9 127.3

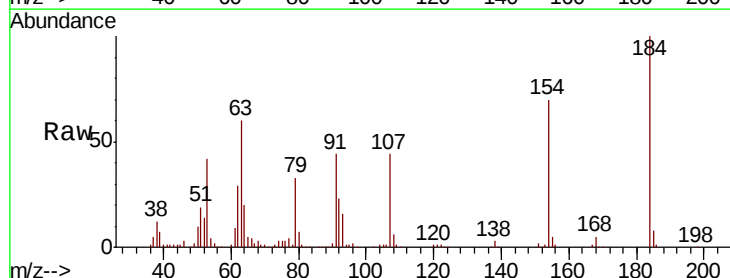


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

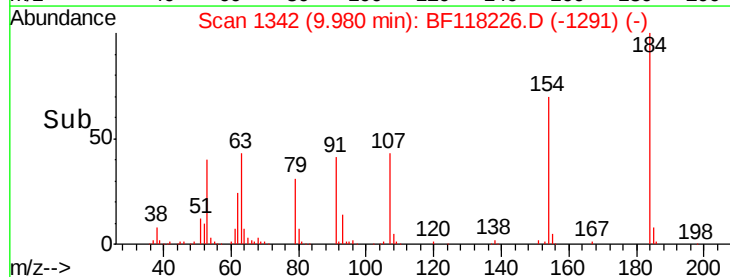
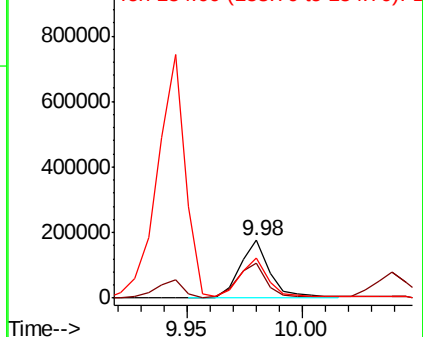


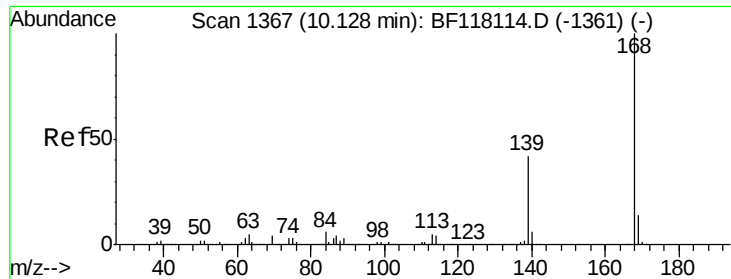
#54
2,4-Dinitrophenol
Concen: 67.588 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:184 Resp: 161104
Ion Ratio Lower Upper
184 100
63 60.5 53.9 80.9
154 70.0 56.3 84.5



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

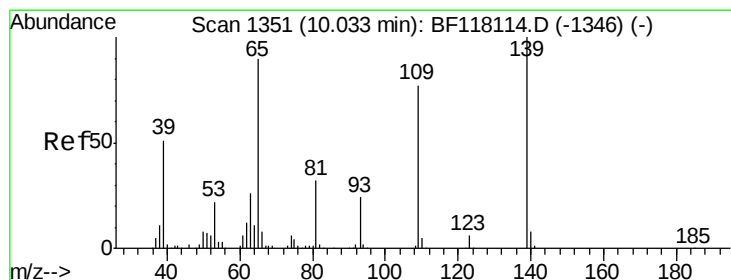
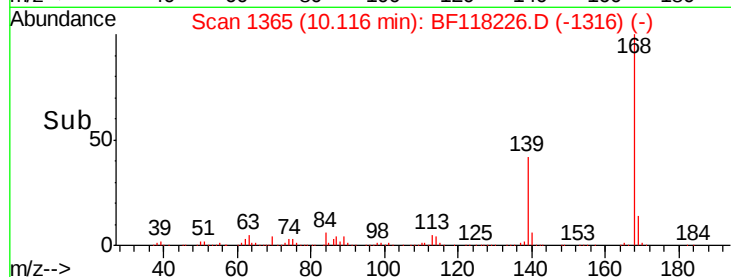
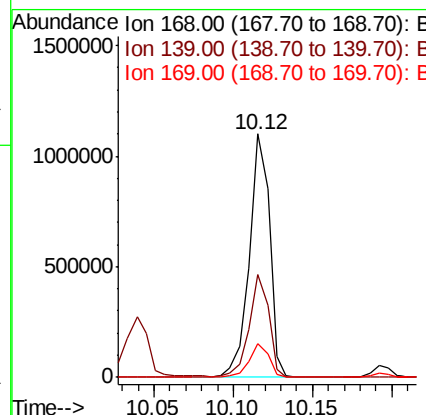
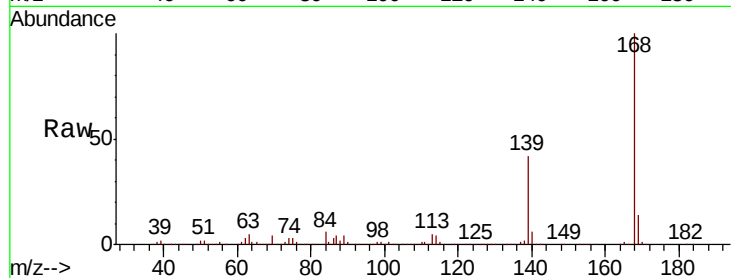




#55
Dibenzofuran
Concen: 38.810 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

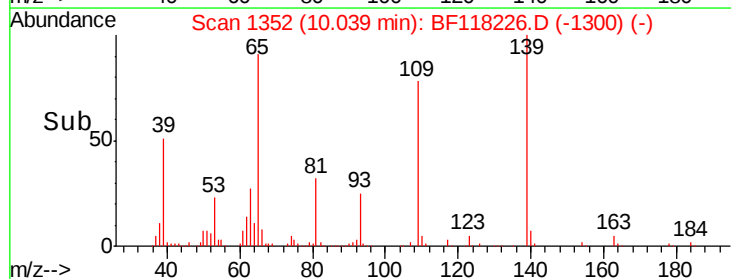
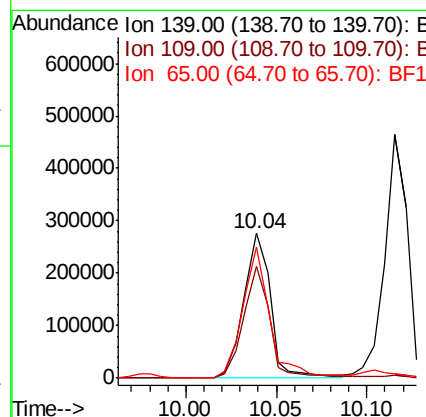
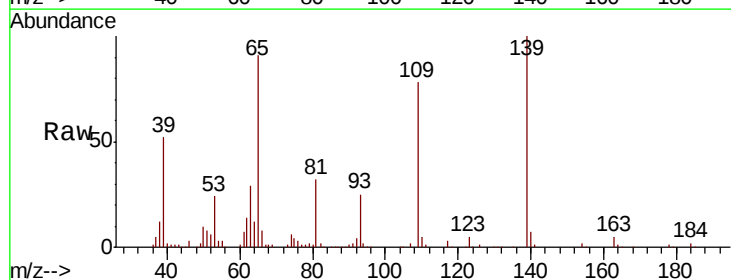
Instrument :
BNA_F
ClientSampled :

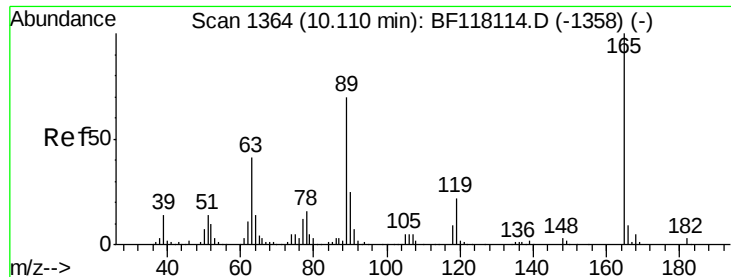
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.4	50.0
169	14.0	11.0	16.6



#56
4-Nitrophenol
Concen: 72.539 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	57.3	97.3
65	90.9	70.2	110.2

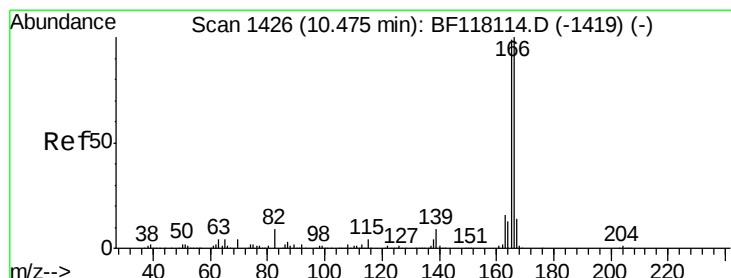
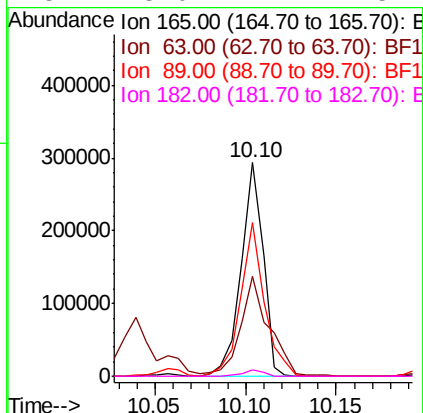
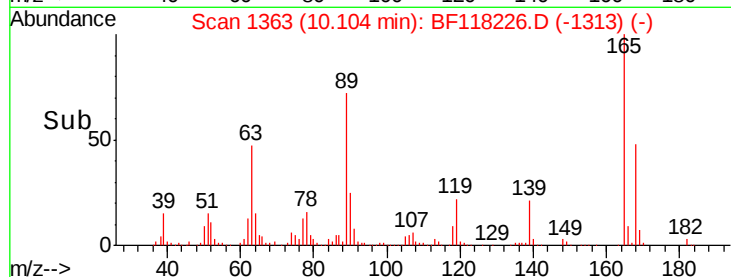
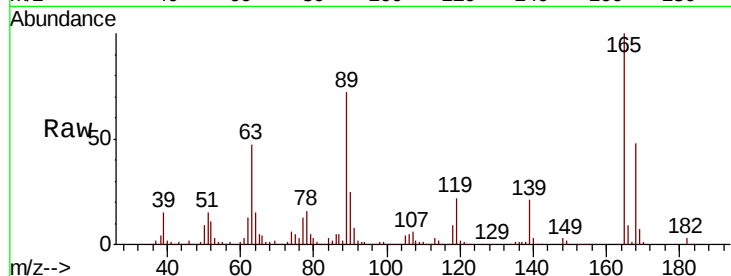




#57
2,4-Dinitrotoluene
Concen: 38.838 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

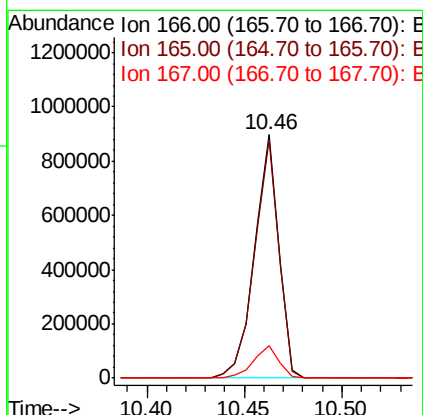
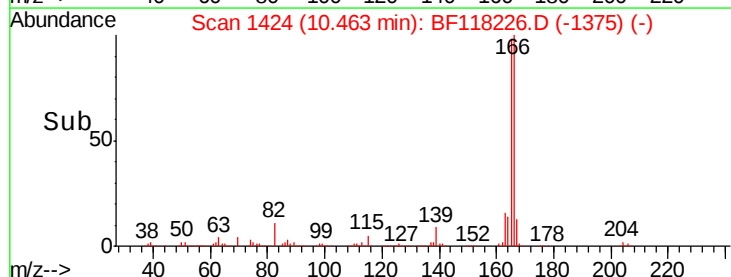
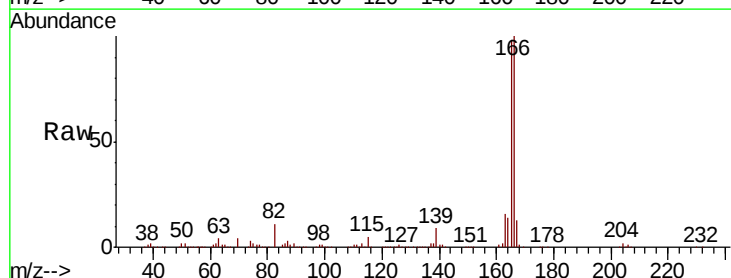
Instrument :
BNA_F
ClientSampleId :

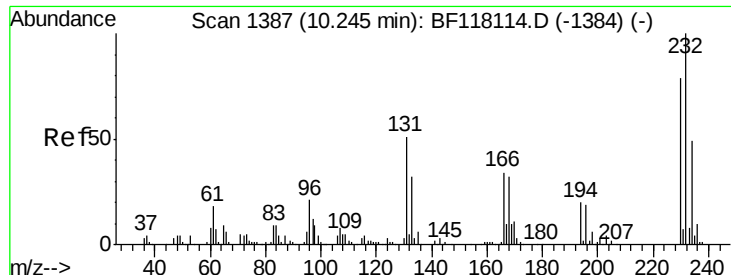
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	32.6	49.0
89	72.2	56.1	84.1
182	3.0	2.1	3.1



#58
Fluorene
Concen: 38.979 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.2	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.947 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 206009

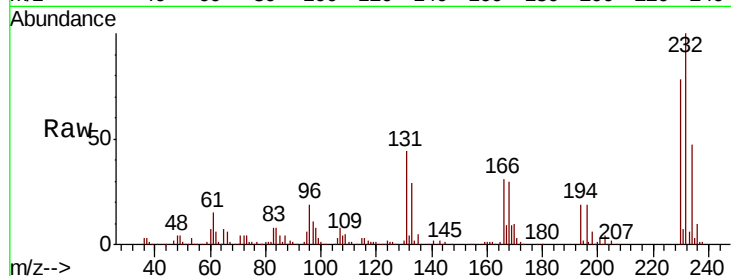
Ion Ratio Lower Upper

232 100

131 46.7 38.8 58.2

130 2.6 1.9 2.9

166 31.7 25.4 38.0

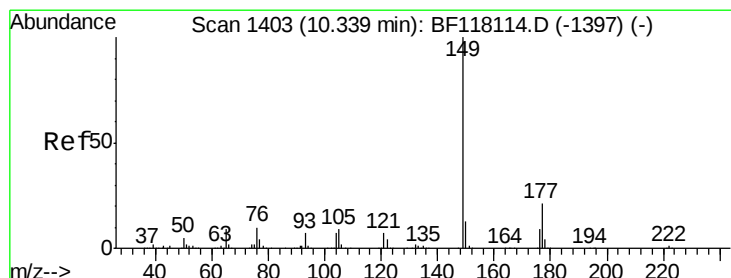
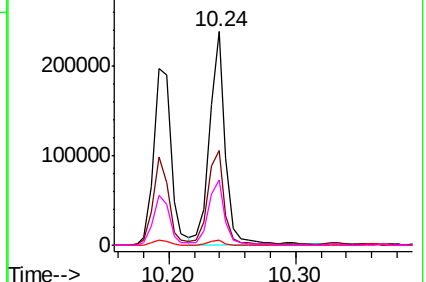
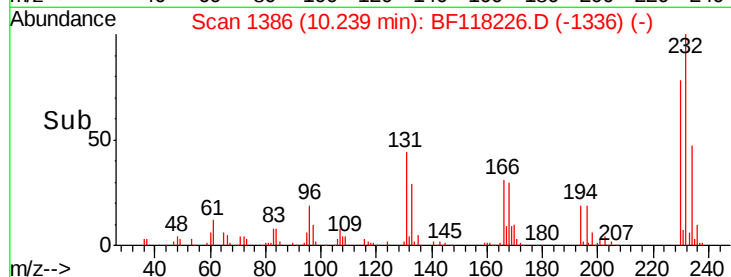


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.726 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

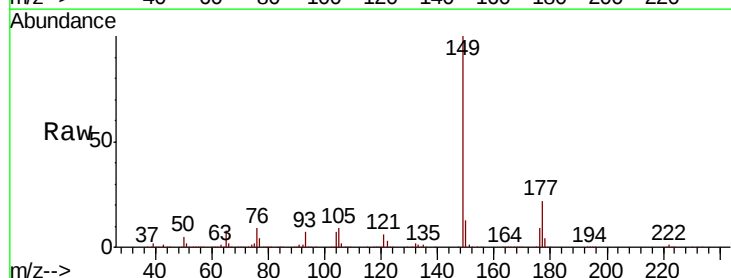
Tgt Ion:149 Resp: 862404

Ion Ratio Lower Upper

149 100

177 22.0 17.0 25.4

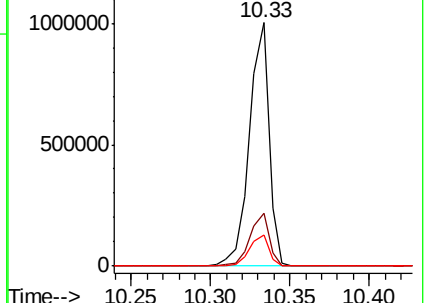
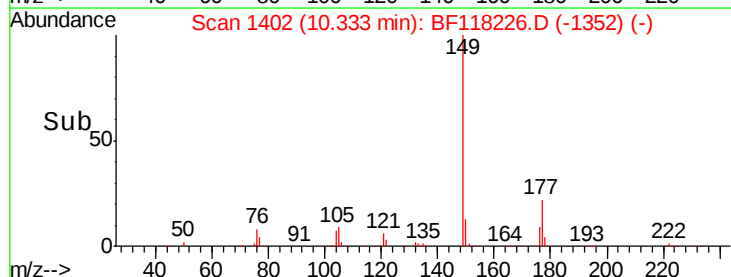
150 12.5 10.1 15.1

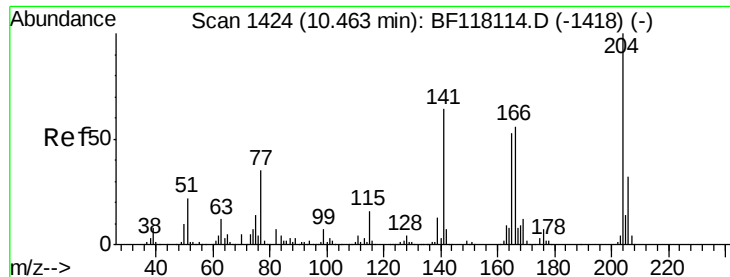


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

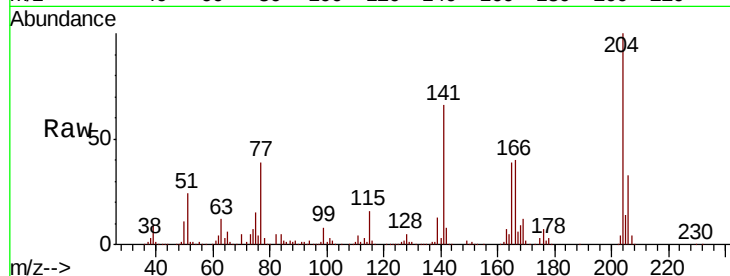




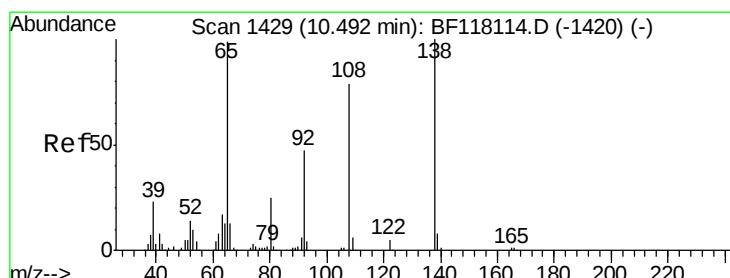
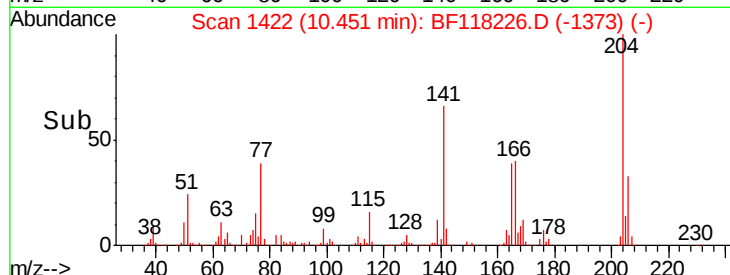
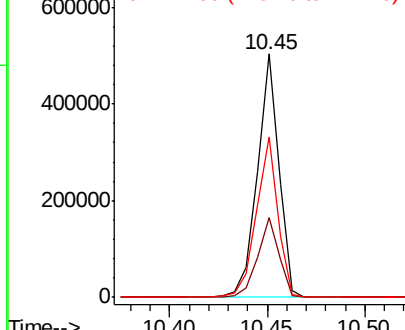
#61
4-Chlorophenyl-phenylether
Concen: 38.668 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	66.1	51.0	76.6

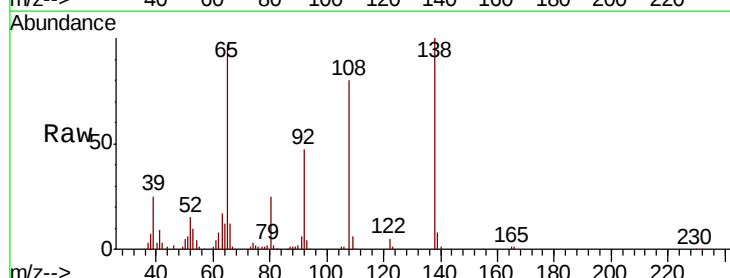


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

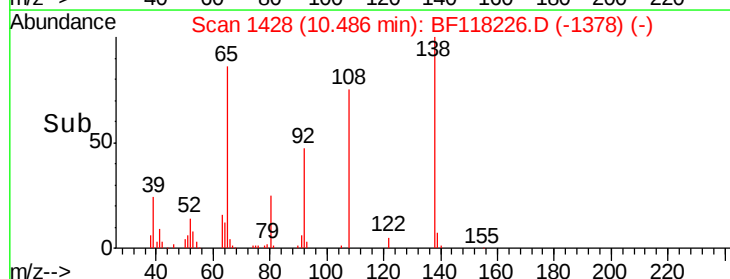
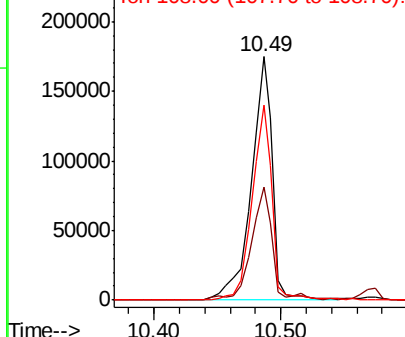


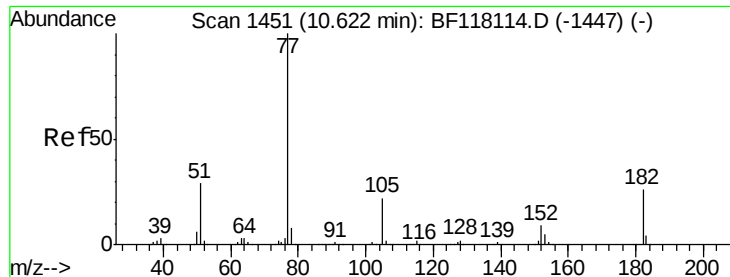
#62
4-Nitroaniline
Concen: 34.724 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.1	67.1
108	79.8	59.0	99.0



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





#63

Azobenzene

Concen: 39.782 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 737235

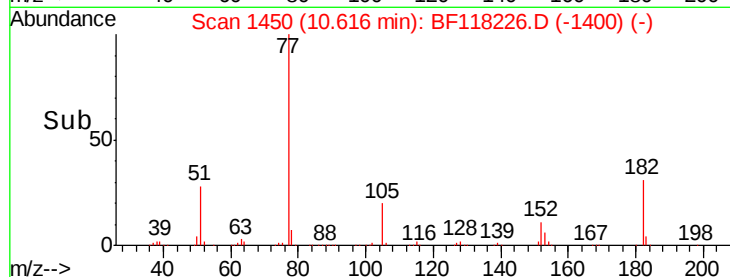
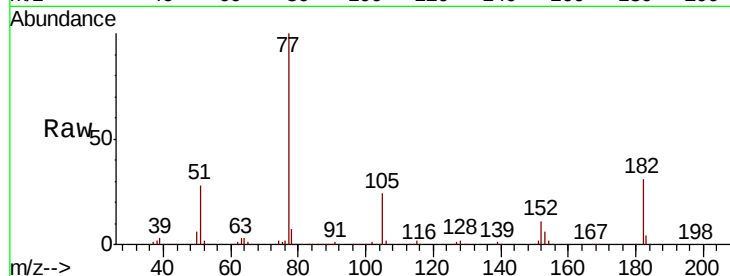
Ion Ratio Lower Upper

77 100

182 30.7 5.7 45.7

105 23.6 2.2 42.2

51 28.1 9.6 49.6

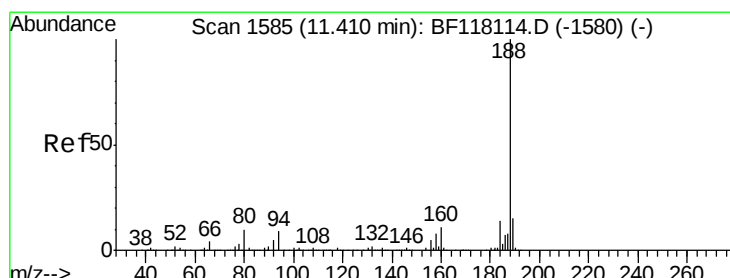
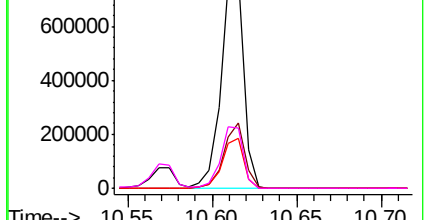


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

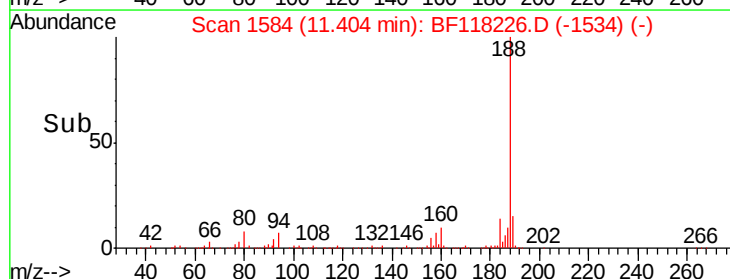
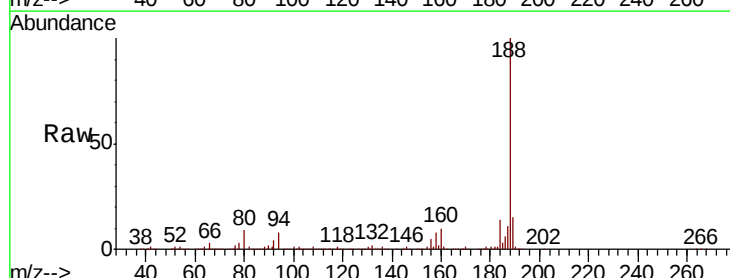
Tgt Ion: 188 Resp: 575380

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

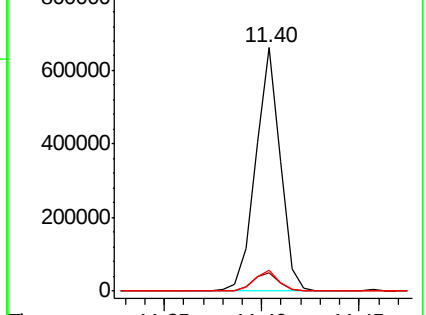
80 8.5 7.9 11.9

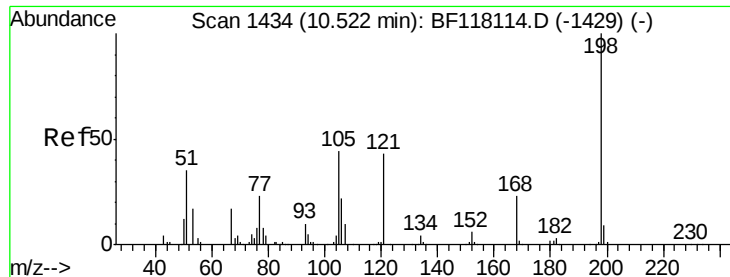


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.454 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampled :

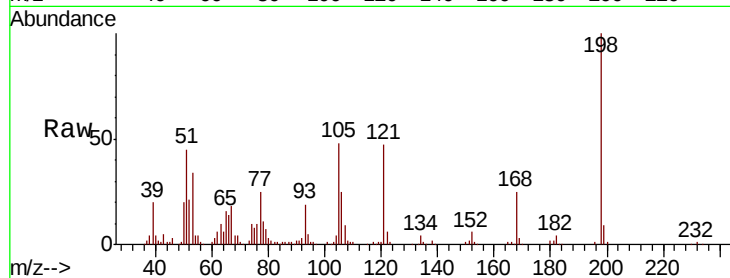
Tot Ion:198 Resp: 125369

Ion Ratio Lower Upper

198 100

51 44.8 22.0 62.0

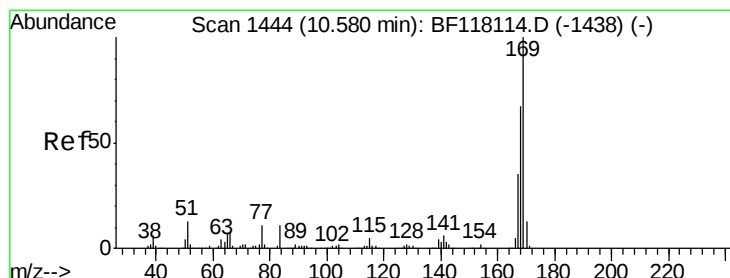
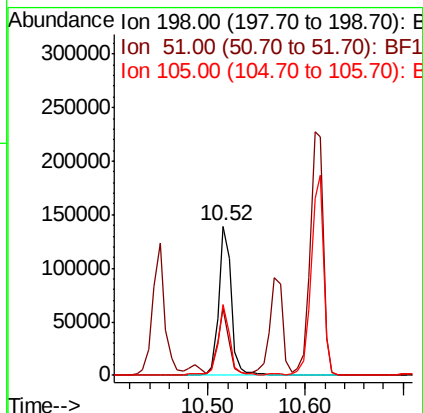
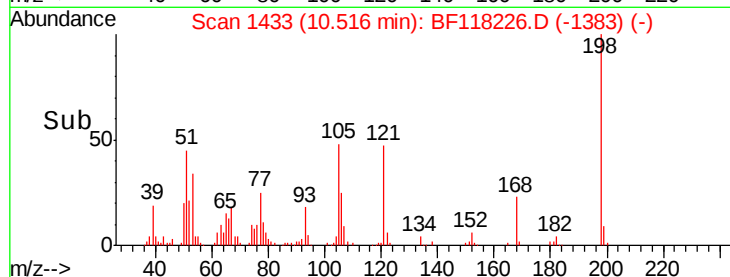
105 47.5 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.111 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

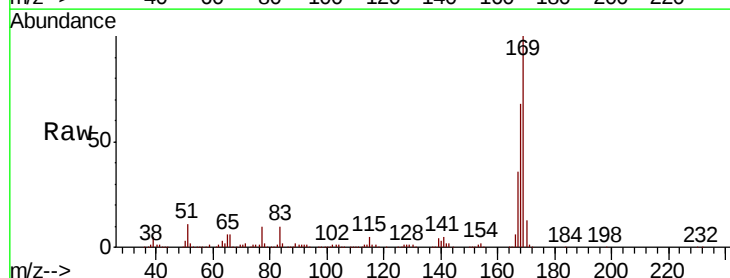
Tgt Ion:169 Resp: 702743

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.2

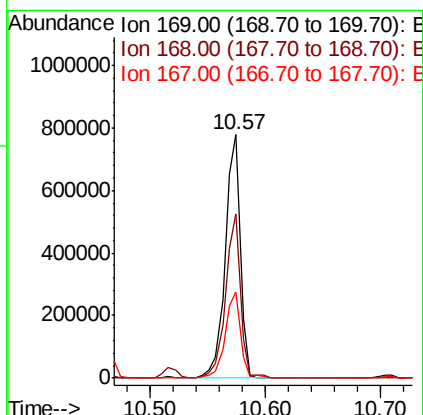
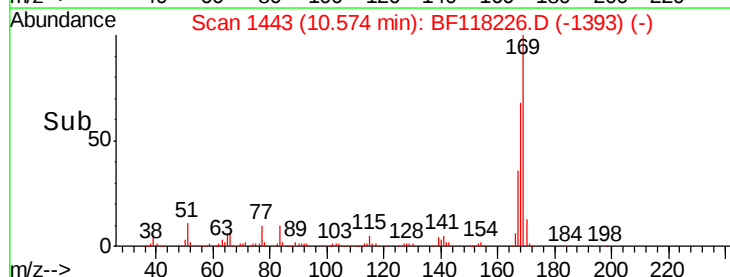
167 35.5 28.4 42.6

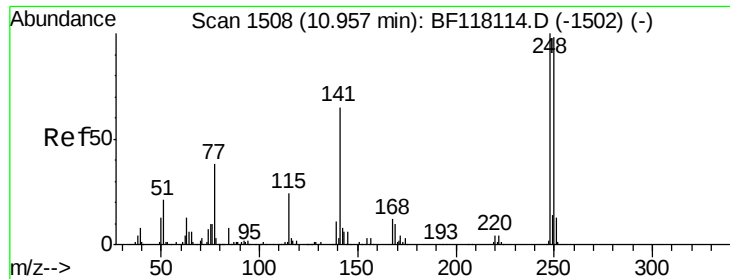


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

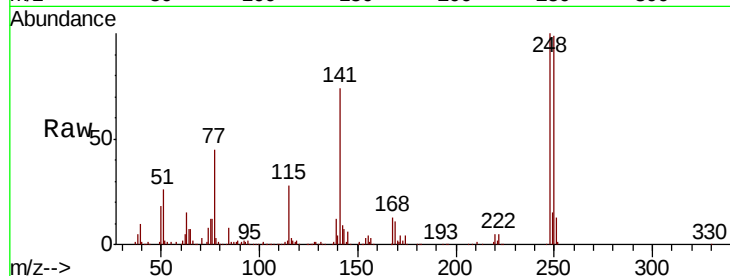




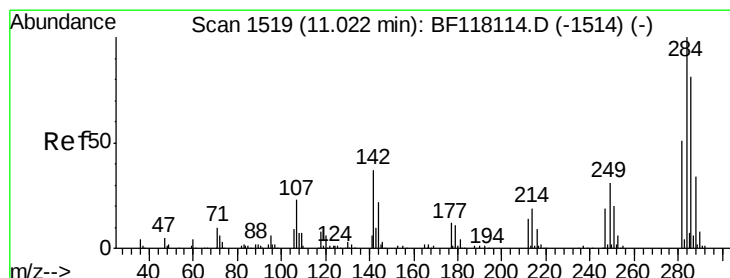
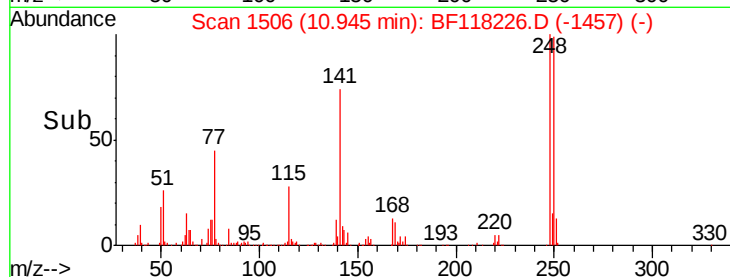
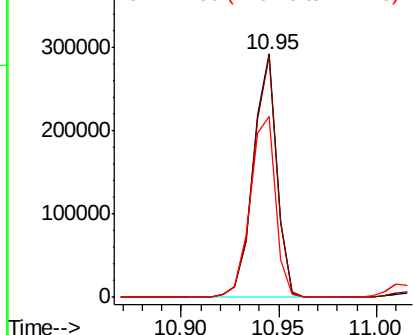
#67
4-Bromophenyl-phenylether
Concen: 37.267 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 244774
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 74.3 52.2 78.4

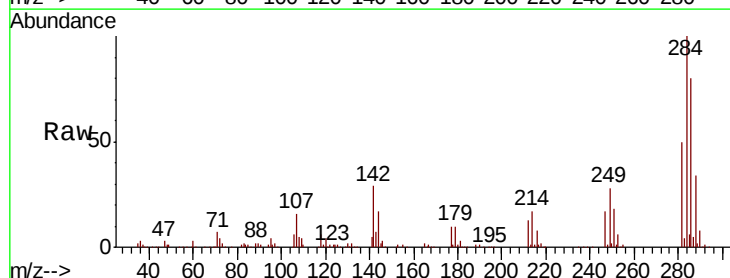


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

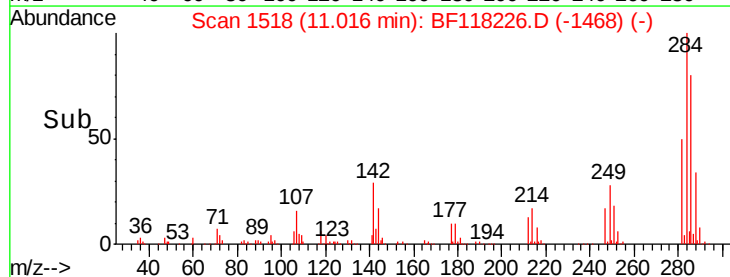
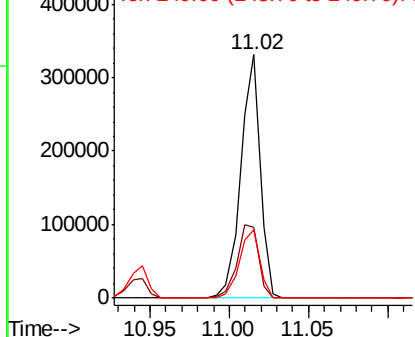


#68
Hexachlorobenzene
Concen: 36.198 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:284 Resp: 279840
Ion Ratio Lower Upper
284 100
142 29.1 29.7 44.5#
249 28.2 24.6 37.0



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

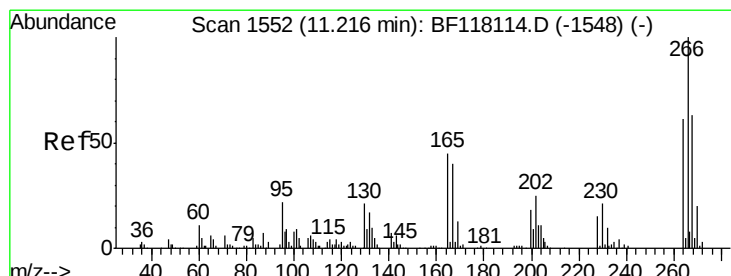
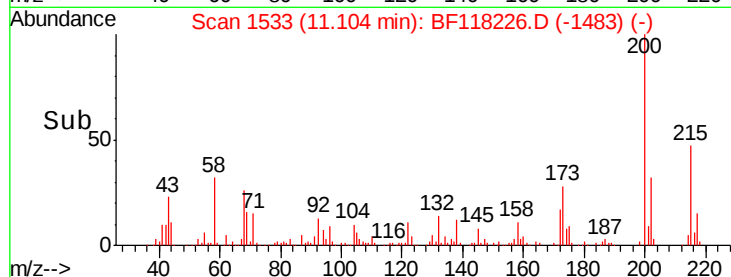
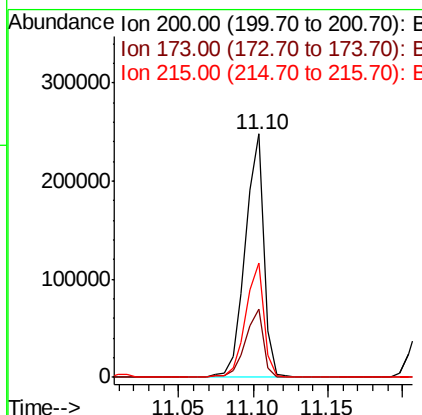
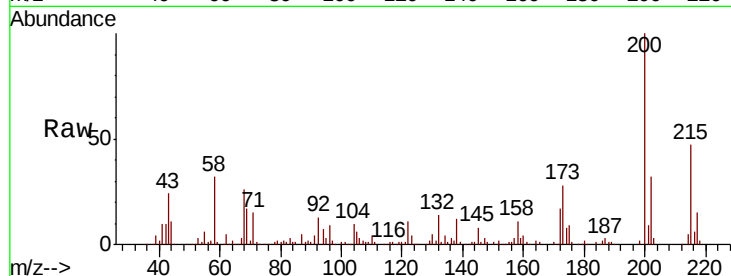




#69
Atrazine
Concen: 44.568 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

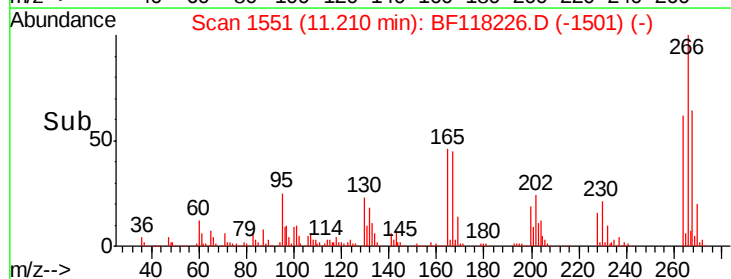
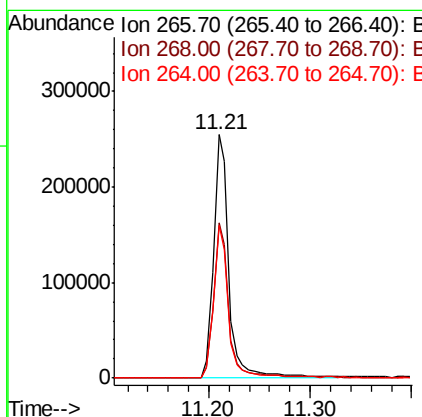
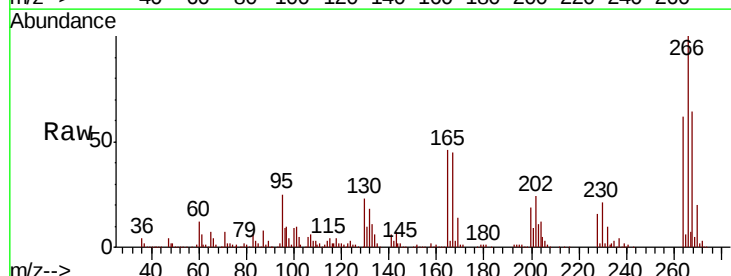
Instrument :
BNA_F
ClientSampleId :

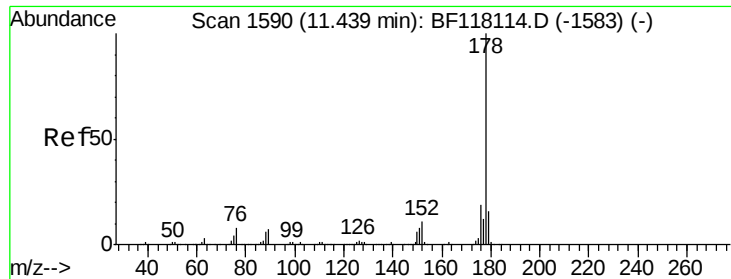
Tot Ion:200 Resp: 214286
Ion Ratio Lower Upper
200 100
173 27.9 8.1 48.1
215 47.1 29.0 69.0



#70
Pentachlorophenol
Concen: 74.380 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:266 Resp: 270412
Ion Ratio Lower Upper
266 100
268 63.6 50.7 76.1
264 62.5 48.7 73.1

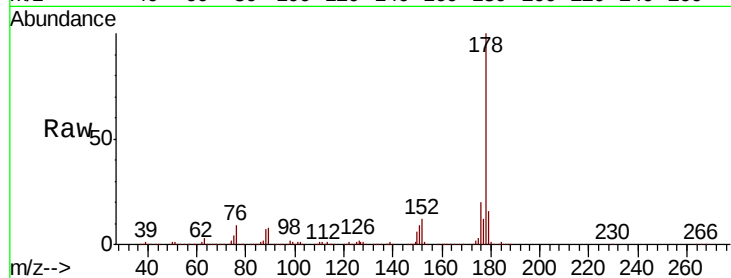




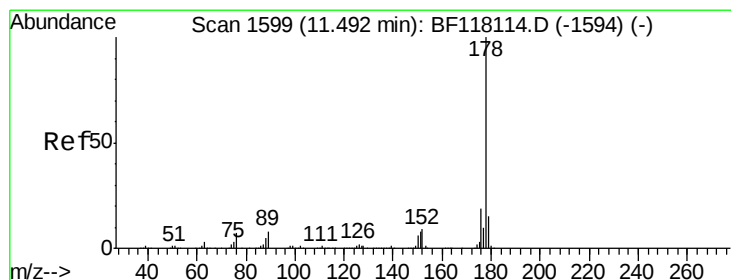
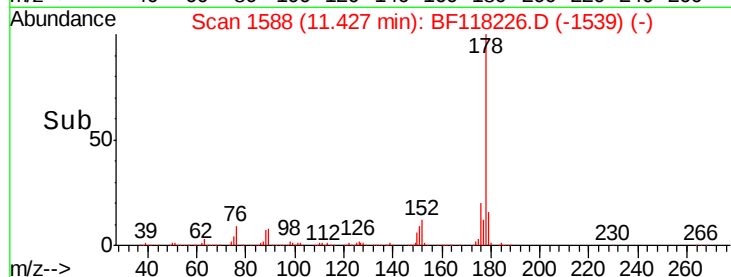
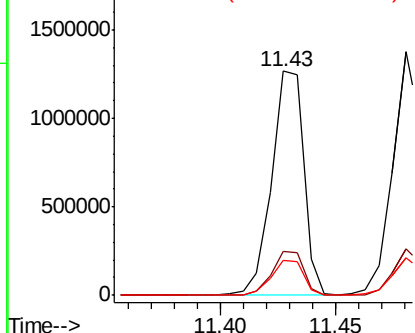
#71
Phenanthrene
Concen: 40.101 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1226545
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.9 12.6 18.8

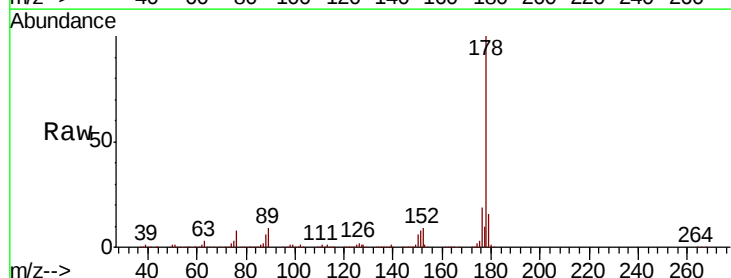


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

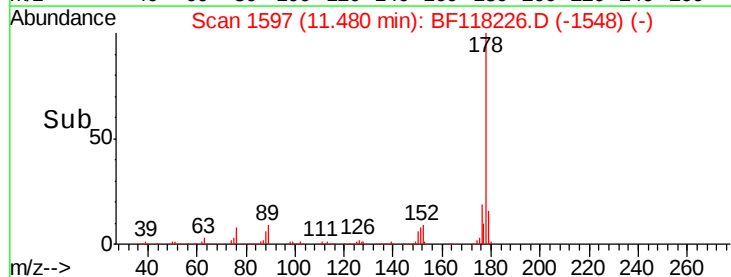
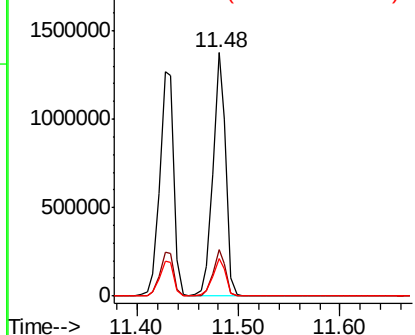


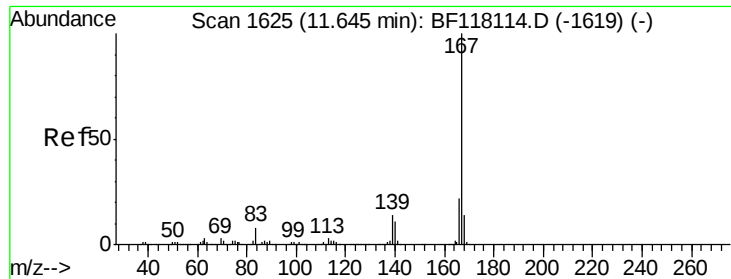
#72
Anthracene
Concen: 39.456 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:178 Resp: 1203893
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.6 12.2 18.4



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



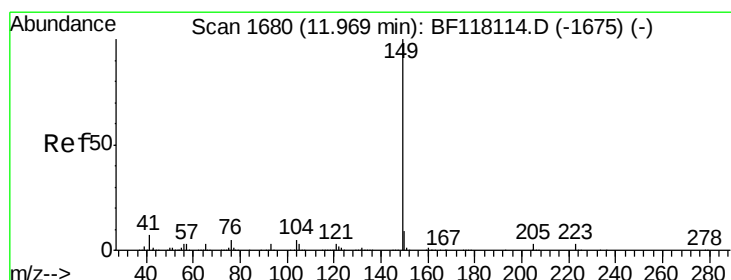
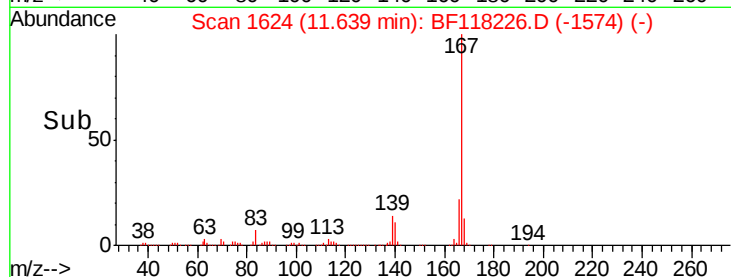
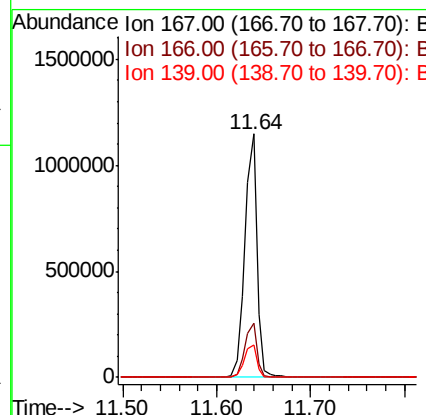
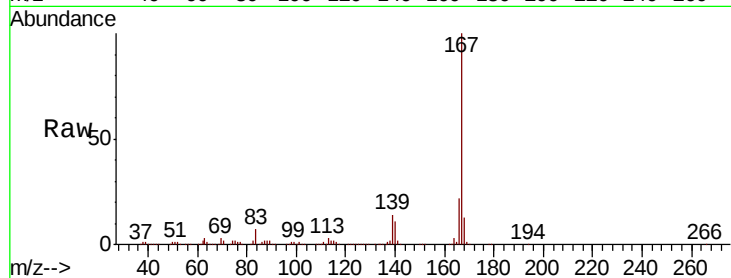


#73
 Carbazole
 Concen: 37.807 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1035022

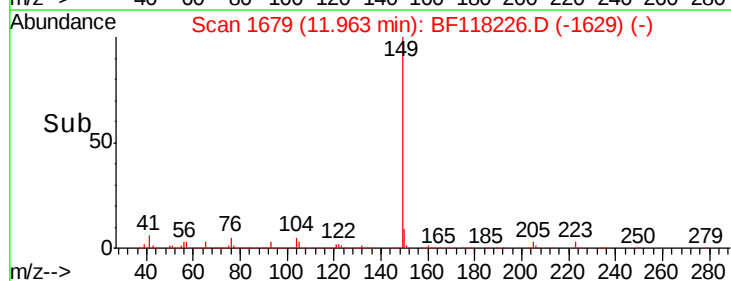
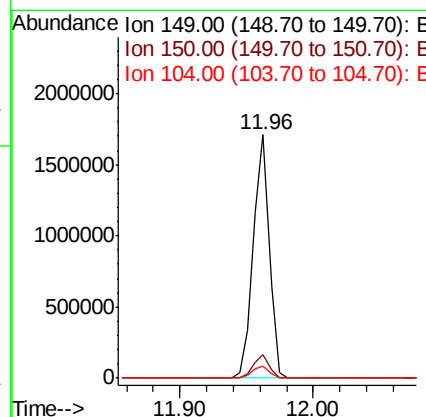
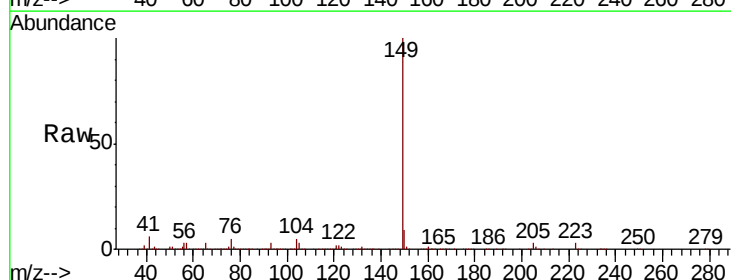
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.5	11.4	17.0

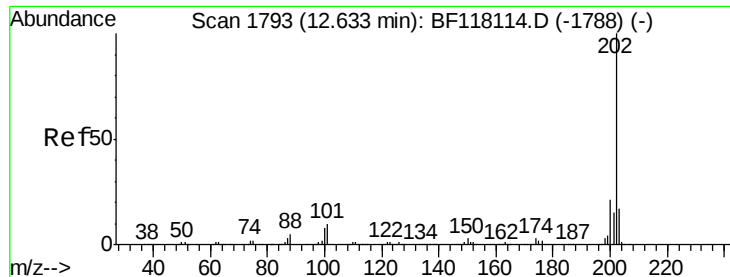


#74
 Di-n-butylphthalate
 Concen: 40.765 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118226.D
 Acq: 17 Dec 2019 15:02

Tgt Ion:149 Resp: 1396665

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 41.876 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

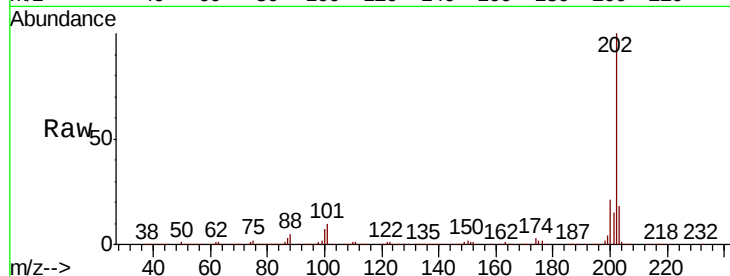
Tot Ion:202 Resp: 1309545

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.4

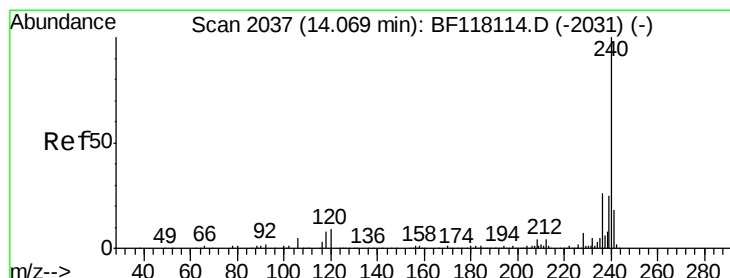
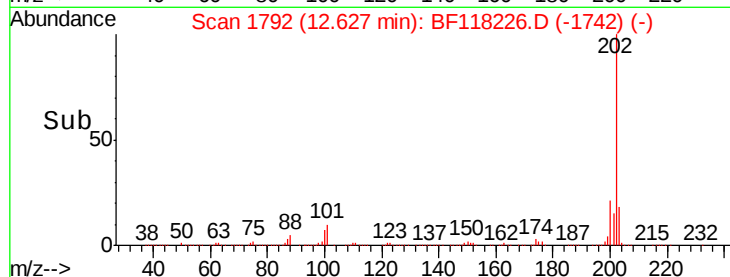
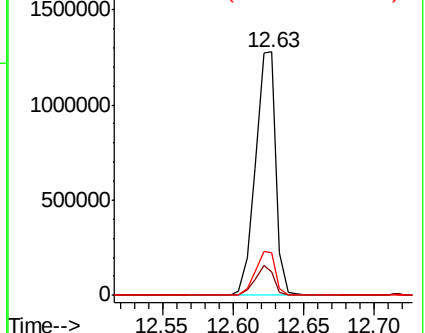
203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

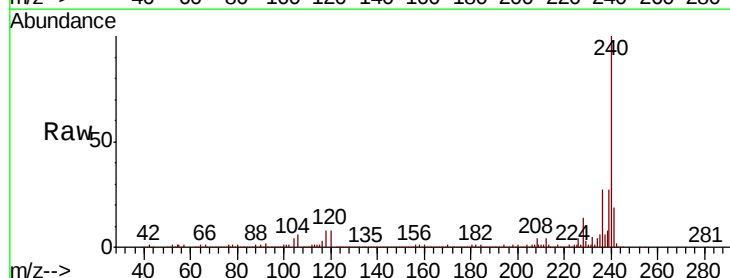
Tgt Ion:240 Resp: 384526

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

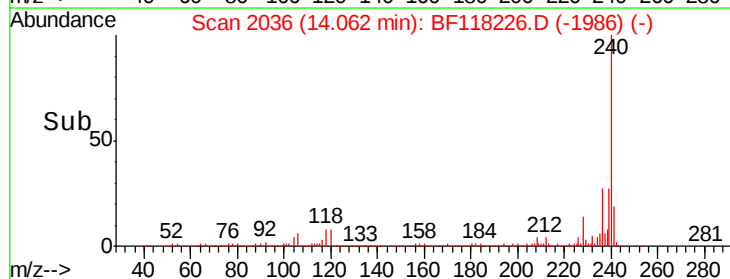
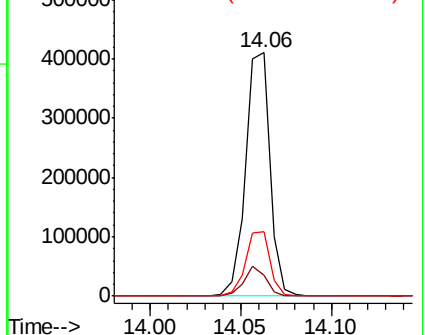
236 26.5 21.0 31.6

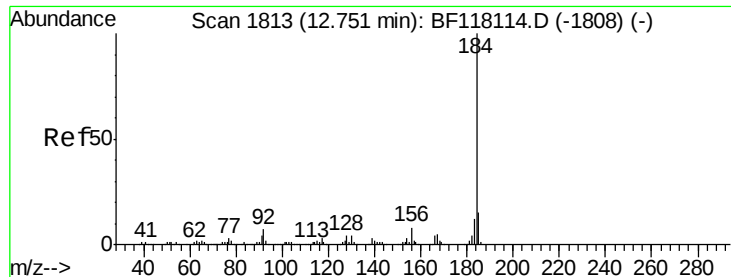


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.826 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampled :

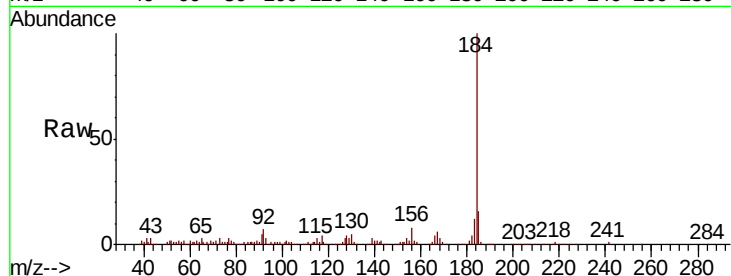
Tot Ion:184 Resp: 231059

Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

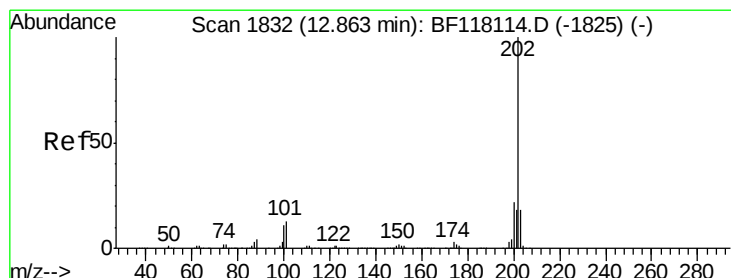
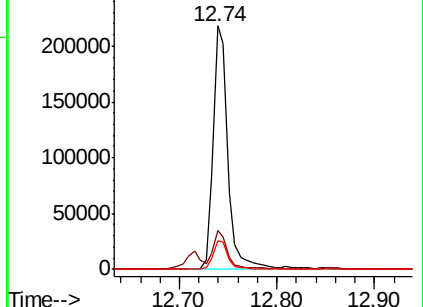
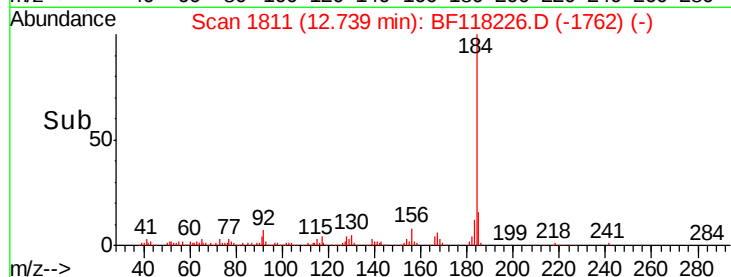
183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.389 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

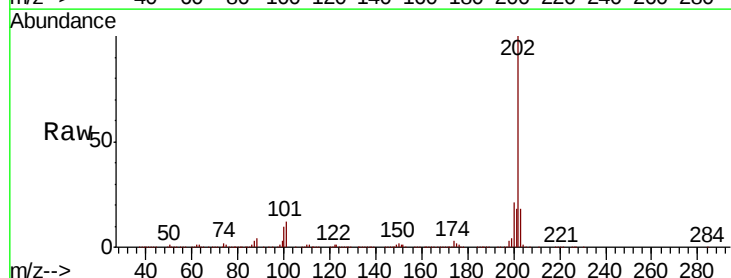
Tgt Ion:202 Resp: 1345100

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

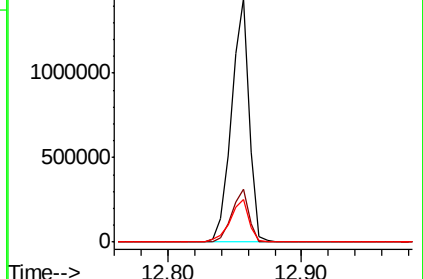
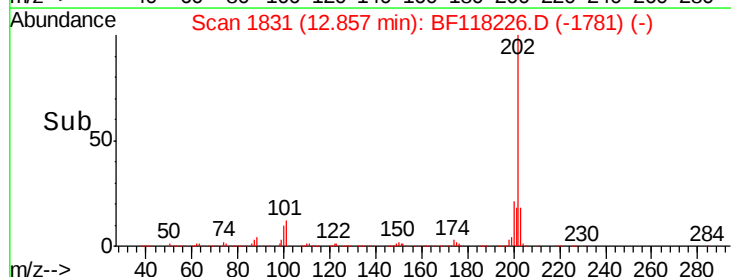
203 17.8 14.6 21.8

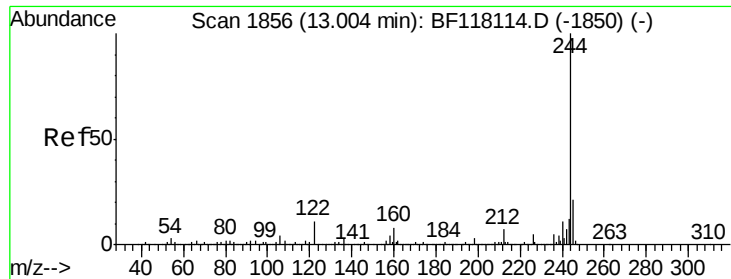


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.846 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

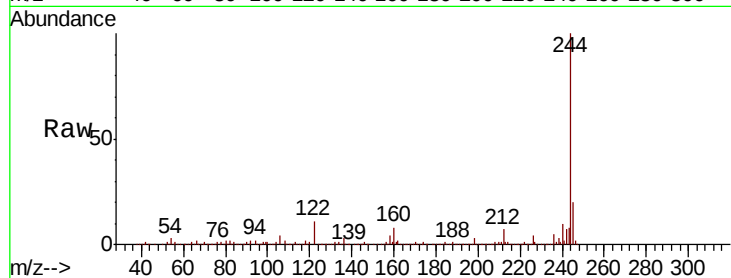
Tot Ion:244 Resp: 1472379

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

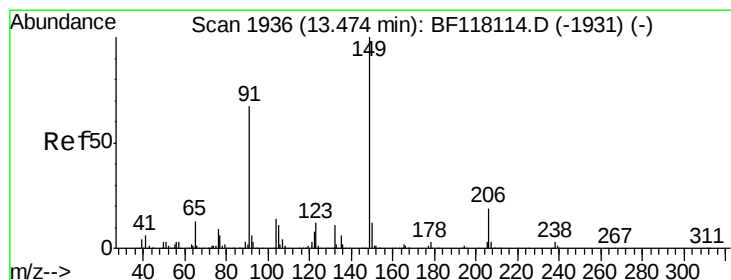
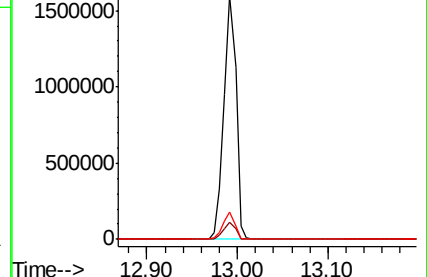
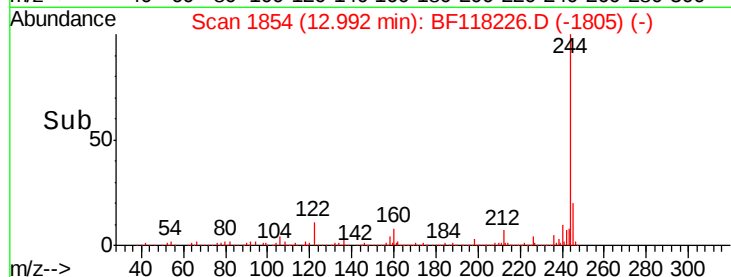
122 11.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.904 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

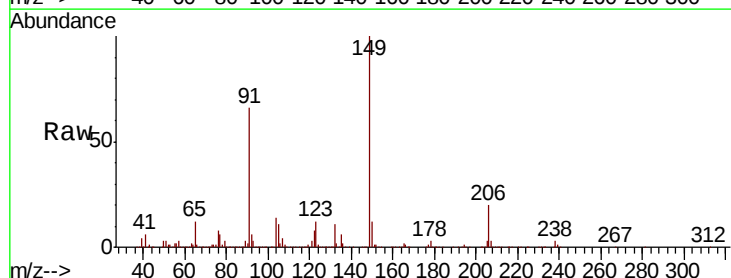
Tgt Ion:149 Resp: 575061

Ion Ratio Lower Upper

149 100

91 65.6 53.9 80.9

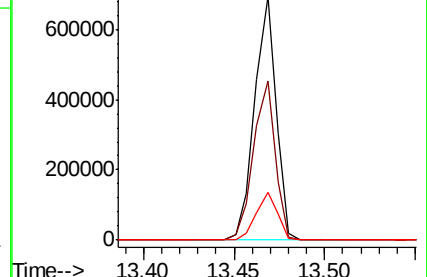
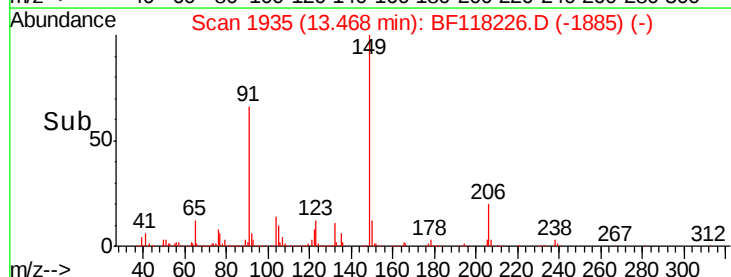
206 19.5 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.177 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

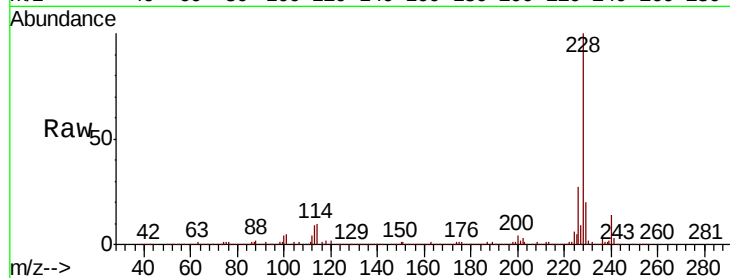
Tot Ion:228 Resp: 1068258

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.8 15.8 23.8

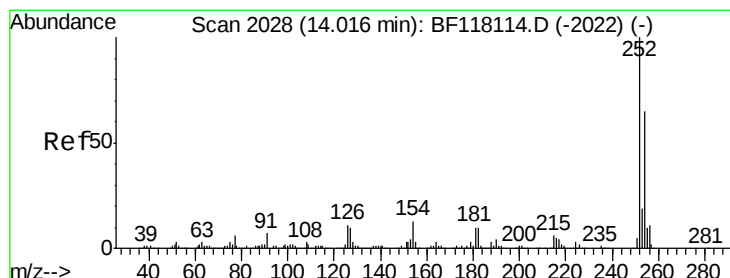
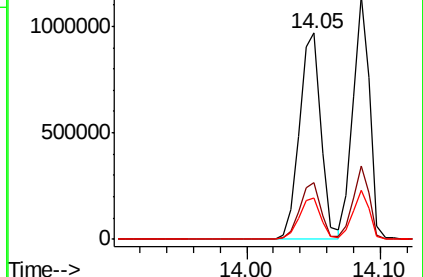
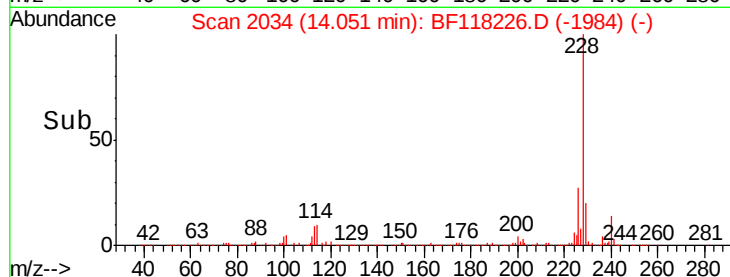


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.112 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

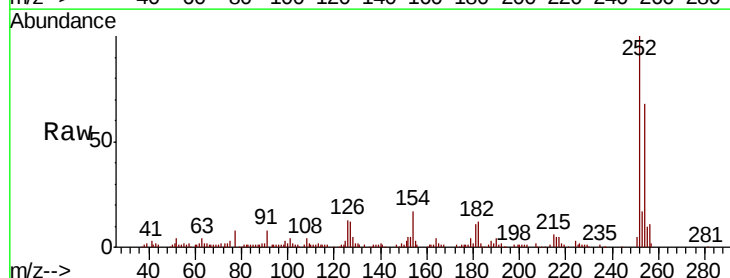
Tgt Ion:252 Resp: 105764

Ion Ratio Lower Upper

252 100

254 68.2 52.2 78.4

126 12.8 8.6 13.0

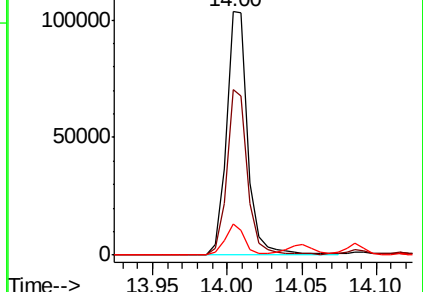
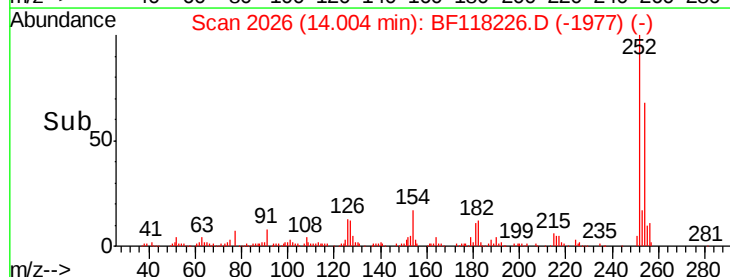


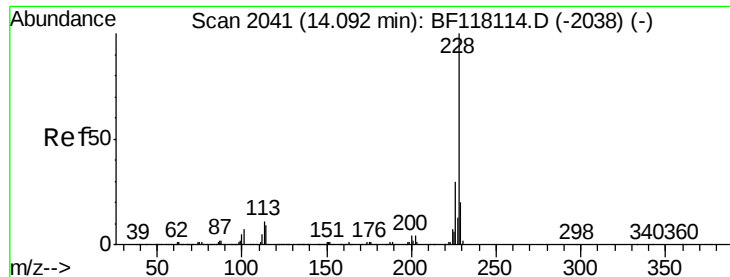
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.677 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

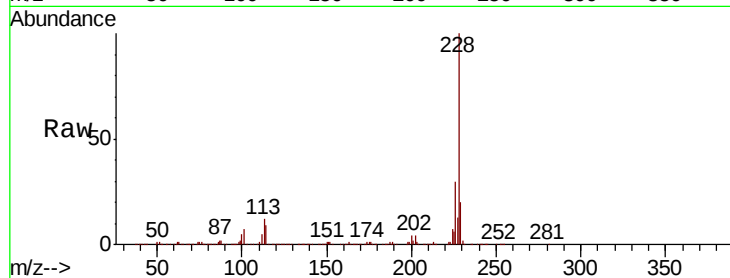
Tot Ion:228 Resp: 1007737

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.1	15.7	23.5

228 100

226 30.2 23.8 35.8

229 20.1 15.7 23.5

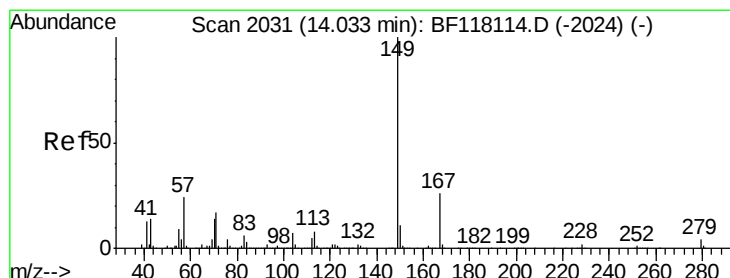
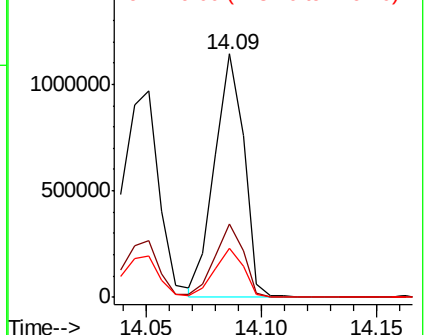
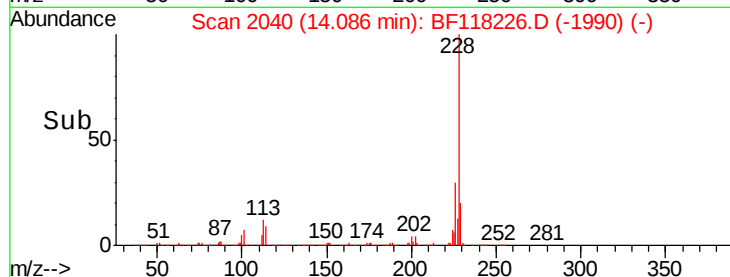


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.563 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

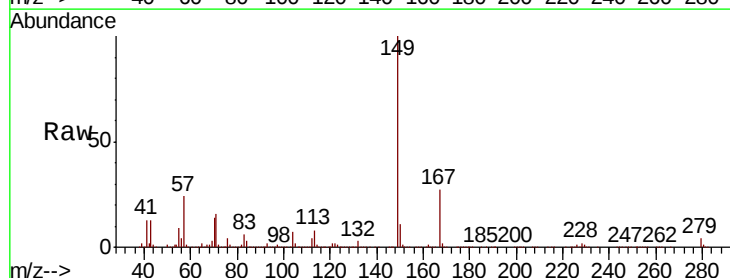
Tgt Ion:149 Resp: 842602

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	3.9	2.9	4.3

149 100

167 26.8 20.8 31.2

279 3.9 2.9 4.3

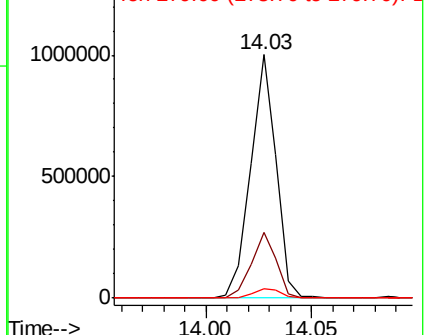
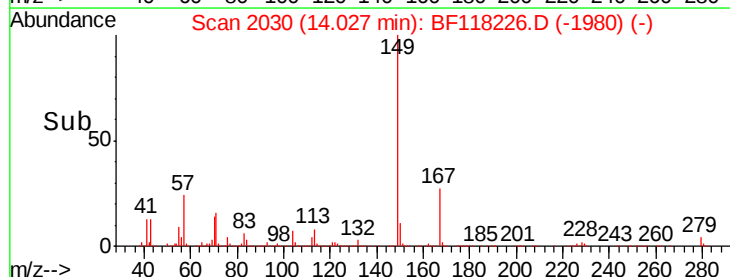


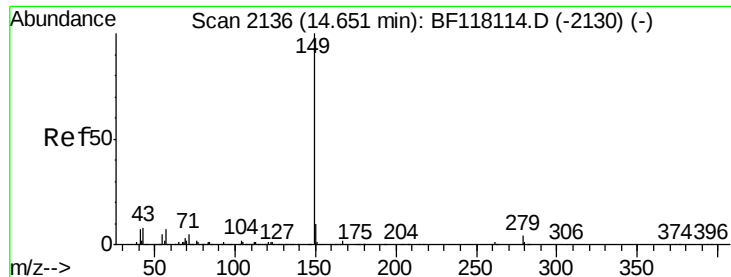
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.351 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

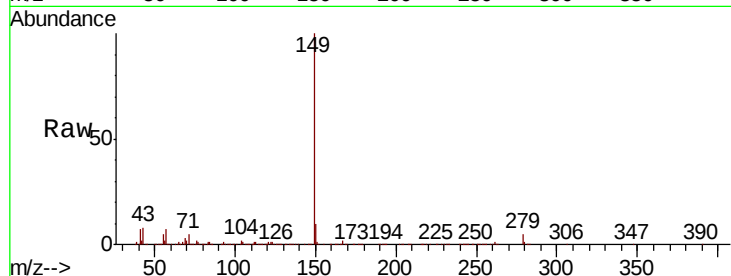
Tot Ion:149 Resp: 1297977

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

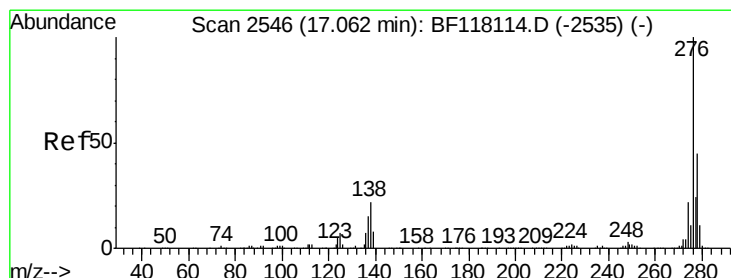
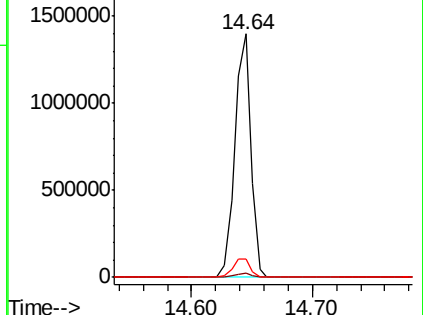
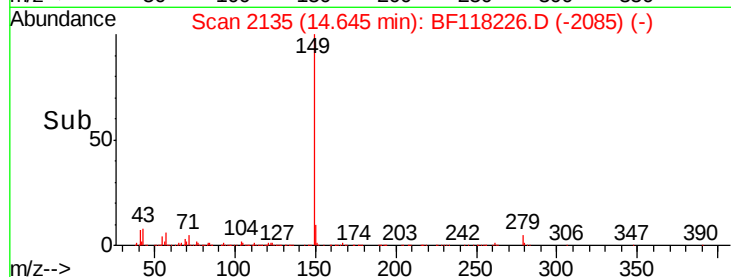
43 8.1 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.086 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

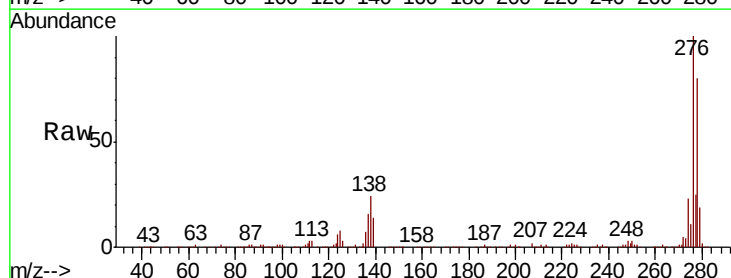
Tgt Ion:276 Resp: 878011

Ion Ratio Lower Upper

276 100

138 23.1 18.9 28.3

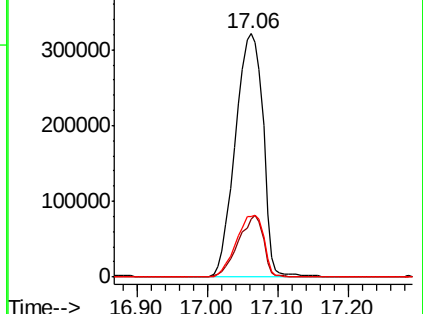
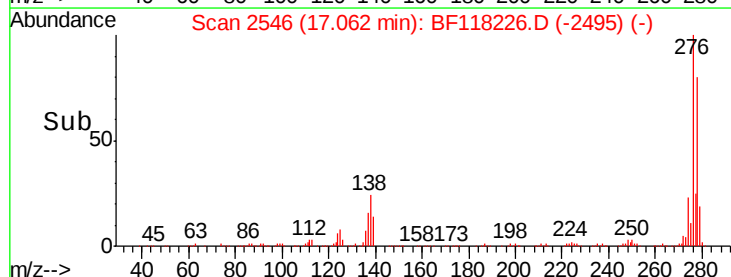
277 25.5 20.4 30.6

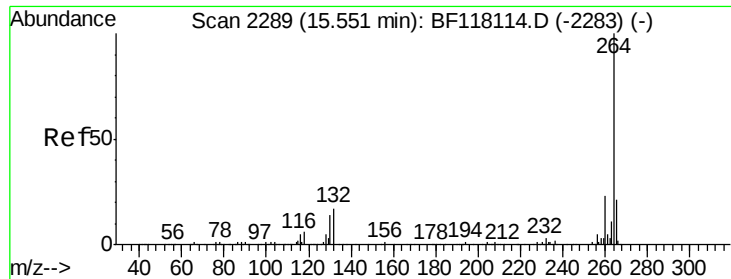


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

Instrument :

BNA_F

ClientSampleId :

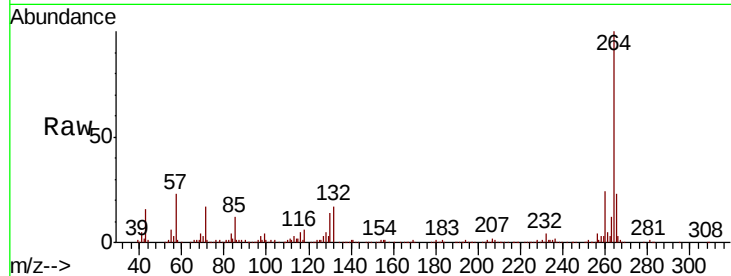
Tot Ion:264 Resp: 336410

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

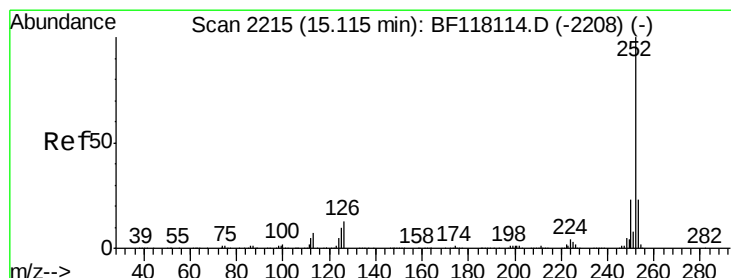
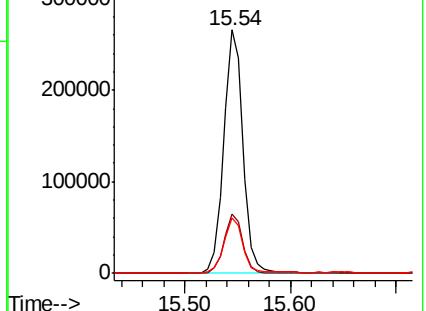
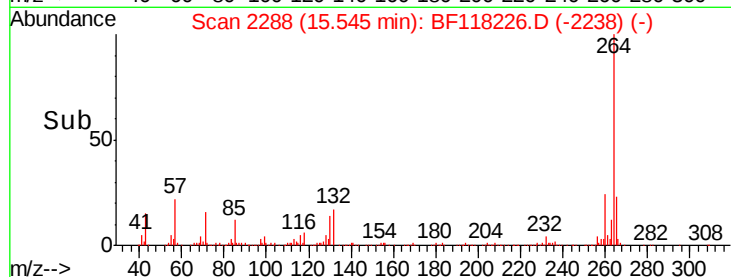
265 22.6 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.165 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF118226.D

Acq: 17 Dec 2019 15:02

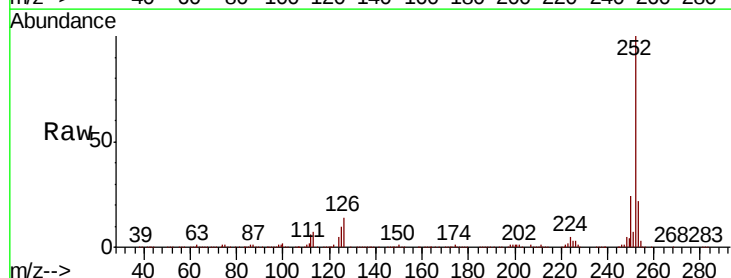
Tgt Ion:252 Resp: 938133

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

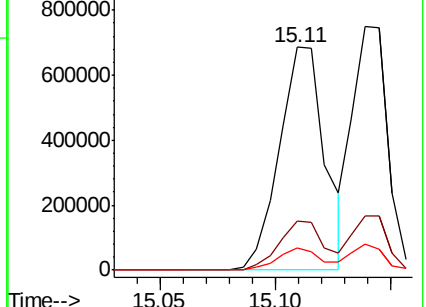
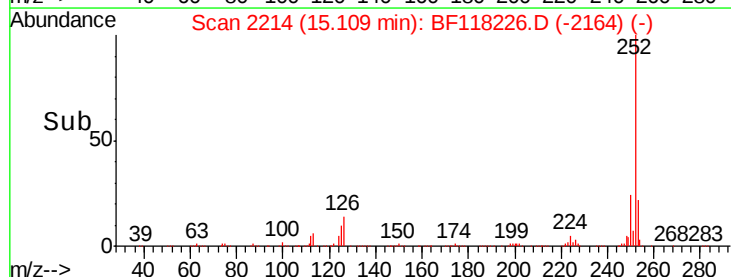
125 10.1 8.3 12.5

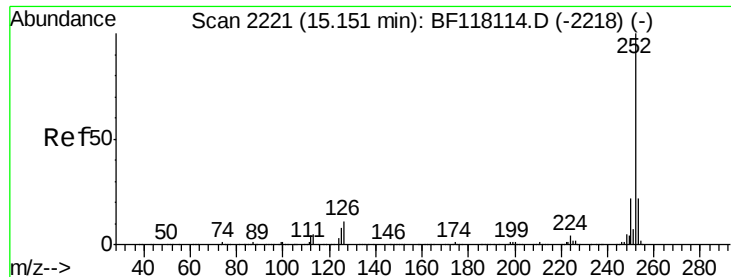


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

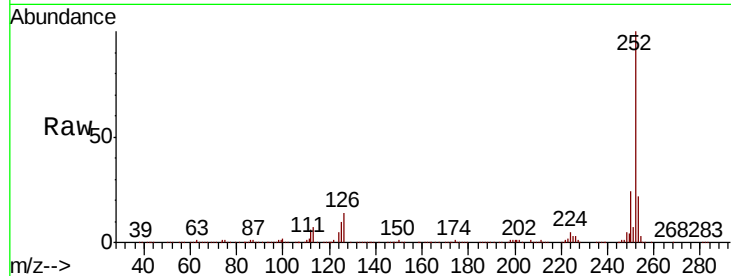




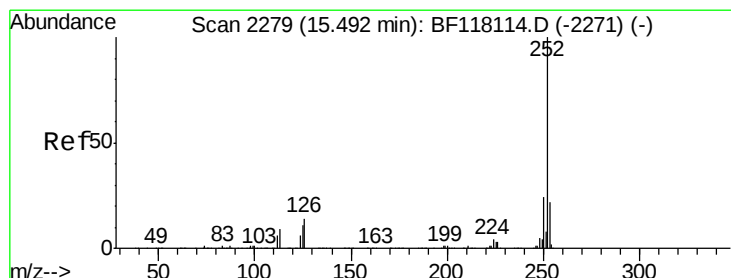
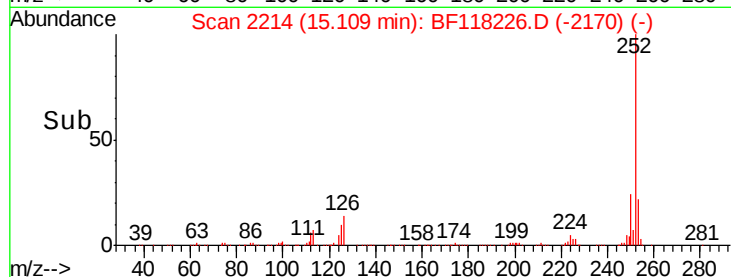
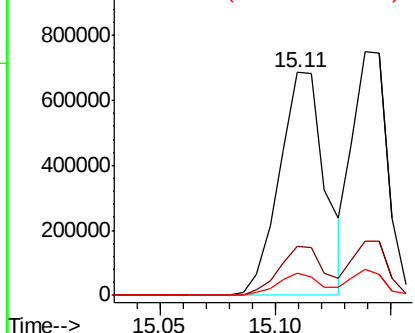
#89
Benzo(k)fluoranthene
Concen: 43.891 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 938133
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 6.7 10.1

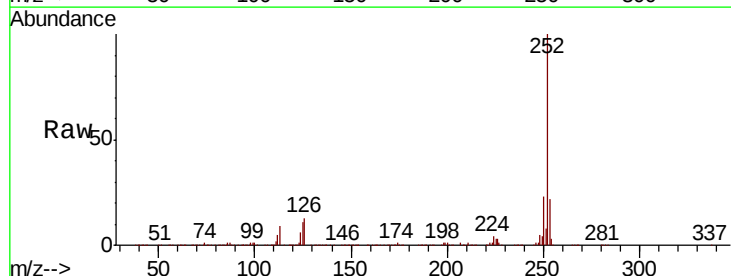


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

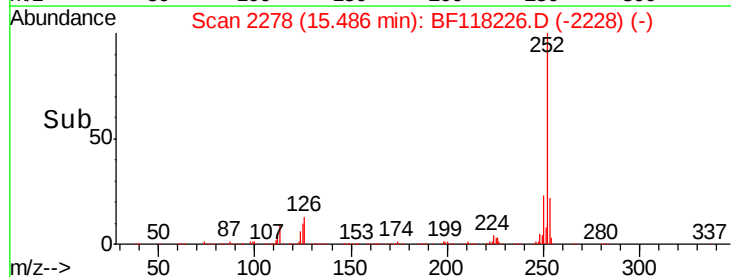
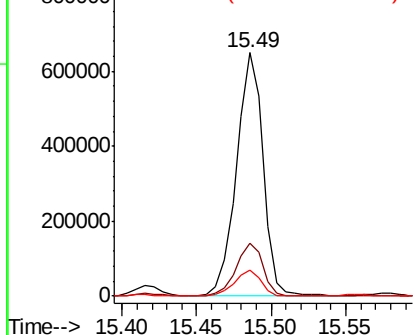


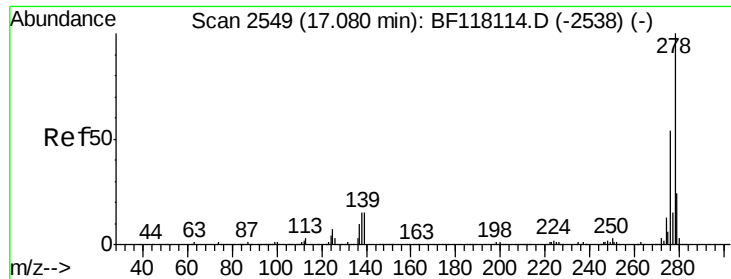
#90
Benzo(a)pyrene
Concen: 41.035 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion:252 Resp: 806354
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.5 9.1 13.7



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

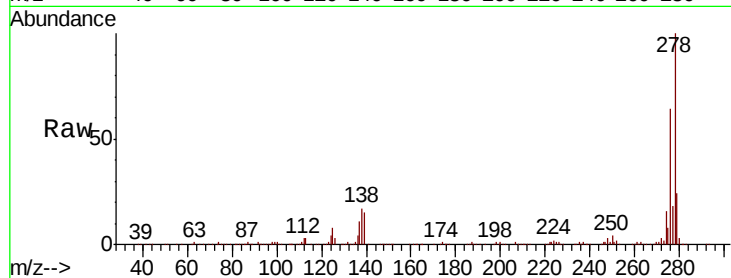




#91
Dibenzo(a,h)anthracene
Concen: 42.674 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	24.2	19.0	28.4

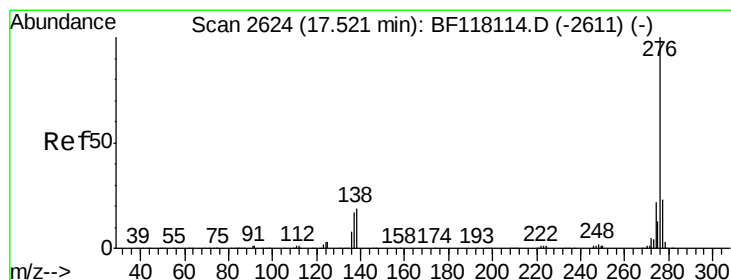
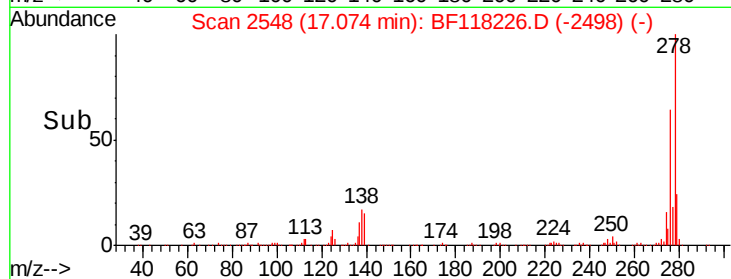
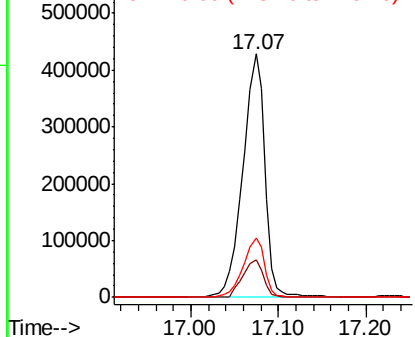


Abundance

Ion 278.00 (277.70 to 278.70): E

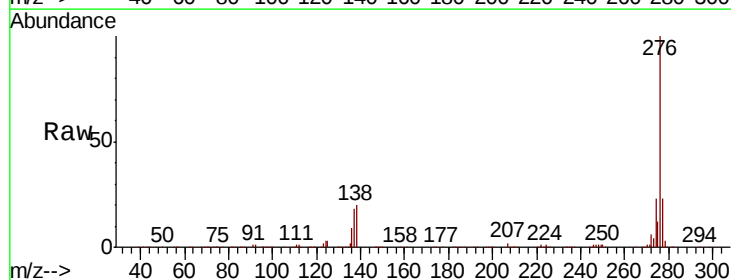
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.089 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118226.D
Acq: 17 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	20.2	15.5	23.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

