

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118386.D
 Acq On : 30 Dec 2019 17:41
 Operator : JU
 Sample : K6456-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145436	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	568069	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	317412	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	595409	20.00	ng	0.00
76) Chrysene-d12	14.06	240	405781	20.00	ng	0.00
87) Perylene-d12	15.54	264	383832	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1056714	124.03	ng	0.02
7) Phenol-d6	6.50	99	1362566	128.92	ng	0.01
23) Nitrobenzene-d5	7.42	82	819735	82.53	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	490469	125.13	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1721165	82.77	ng	0.00
79) Terphenyl-d14	12.99	244	2169129	88.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	131607	38.857	ng	99
3) Pyridine	3.41	79	322395	35.727	ng	99
4) n-Nitrosodimethylamine	3.37	42	157522	42.221	ng	98
6) Aniline	6.52	93	335490	24.997	ng	# 57
8) 2-Chlorophenol	6.65	128	444015	46.014	ng	99
9) Benzaldehyde	6.40	77	238062	38.418	ng	98
10) Phenol	6.51	94	526026	44.280	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	387419	45.601	ng	99
12) 1,3-Dichlorobenzene	6.79	146	464610	41.807	ng	99
13) 1,4-Dichlorobenzene	6.87	146	478676	42.406	ng	100
14) 1,2-Dichlorobenzene	7.02	146	449848	42.211	ng	98
15) Benzyl Alcohol	7.00	79	364293	45.268	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	388400	42.843	ng	82
17) 2-Methylphenol	7.12	107	351574	45.426	ng	97
18) Hexachloroethane	7.36	117	172889	41.732	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	288170	44.258	ng	98
20) 3+4-Methylphenols	7.27	107	449615	45.391	ng	98
22) Acetophenone	7.26	105	598793	43.008	ng	# 96
24) Nitrobenzene	7.44	77	434625	43.684	ng	99
25) Isophorone	7.68	82	796990	46.043	ng	100
26) 2-Nitrophenol	7.76	139	251080	47.645	ng	99
27) 2,4-Dimethylphenol	7.80	122	383412	53.325	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	494250	43.660	ng	99
29) 2,4-Dichlorophenol	8.00	162	381292	46.073	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	419666	43.532	ng	95
31) Naphthalene	8.16	128	1293617	44.804	ng	100
32) Benzoic acid	7.95	122	236000	39.949	ng	91
33) 4-Chloroaniline	8.22	127	142627	11.523	ng	97
34) Hexachlorobutadiene	8.27	225	240854	41.971	ng	99
35) Caprolactam	8.60	113	80618	31.202	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	410075	46.152	ng	98
37) 2-Methylnaphthalene	8.86	142	912511	46.161	ng	99
38) 1-Methylnaphthalene	8.96	142	851712	45.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	399861	41.928	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118386.D
 Acq On : 30 Dec 2019 17:41
 Operator : JU
 Sample : K6456-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

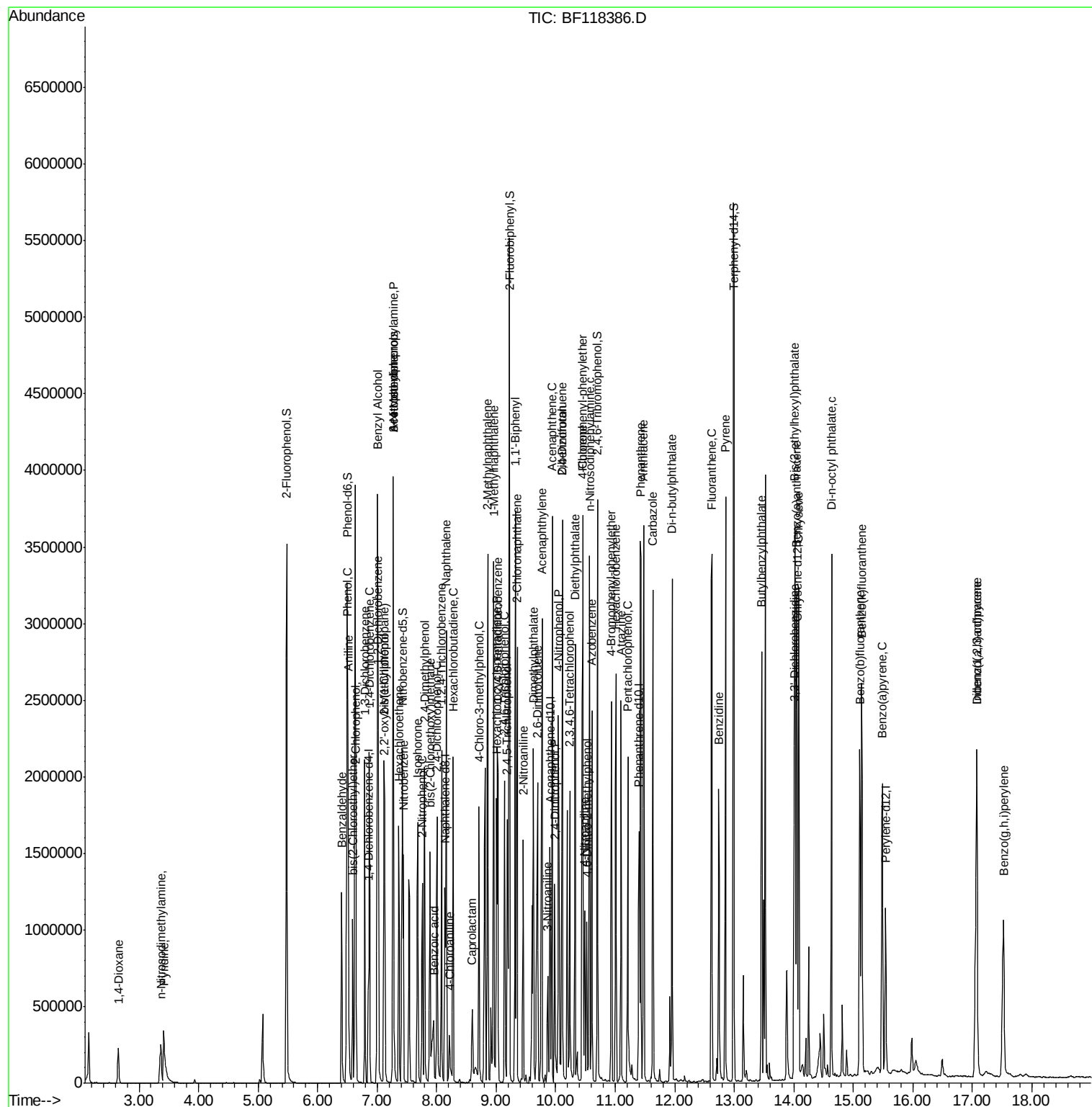
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	291607	73.445	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	273482	42.924	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	287864	43.921	ng	96
46) 1,1'-Biphenyl	9.32	154	1094101	43.580	ng	98
47) 2-Chloronaphthalene	9.35	162	841717	41.657	ng	98
48) 2-Nitroaniline	9.45	65	234491	41.087	ng	98
49) Acenaphthylene	9.77	152	1317902	43.978	ng	99
50) Dimethylphthalate	9.62	163	1140948	47.886	ng	98
51) 2,6-Dinitrotoluene	9.69	165	228067	44.399	ng	99
52) Acenaphthene	9.94	154	783162	42.905	ng	100
53) 3-Nitroaniline	9.86	138	119061	19.748	ng	91
54) 2,4-Dinitrophenol	9.99	184	212629	81.961	ng	90
55) Dibenzofuran	10.11	168	1178100	43.680	ng	96
56) 4-Nitrophenol	10.05	139	316491	85.034	ng	95
57) 2,4-Dinitrotoluene	10.10	165	310471	45.233	ng	# 86
58) Fluorene	10.46	166	946952	43.493	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	237805	42.702	ng	98
60) Diethylphthalate	10.33	149	1058162	44.892	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	477746	43.956	ng	96
62) 4-Nitroaniline	10.49	138	244312	39.007	ng	98
63) Azobenzene	10.60	77	909149	45.030	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	161225	50.194	ng	98
66) n-Nitrosodiphenylamine	10.57	169	863266	45.238	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	302058	43.349	ng	93
68) Hexachlorobenzene	11.01	284	347516	42.370	ng	96
69) Atrazine	11.10	200	305482	51.868	ng	96
70) Pentachlorophenol	11.21	266	284997	80.233	ng	97
71) Phenanthrene	11.43	178	1426344	43.943	ng	99
72) Anthracene	11.47	178	1484128	45.681	ng	100
73) Carbazole	11.63	167	1267667	43.972	ng	99
74) Di-n-butylphthalate	11.96	149	1751536	47.917	ng	100
75) Fluoranthene	12.62	202	1482904	45.269	ng	99
77) Benzidine	12.74	184	738475	66.418	ng	98
78) Pyrene	12.85	202	1462907	44.148	ng	99
80) Butylbenzylphthalate	13.46	149	724650	48.569	ng	97
81) Benzo(a)anthracene	14.05	228	1245925	43.865	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	284757	29.569	ng	98
83) Chrysene	14.09	228	1181216	43.432	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1080310	55.065	ng	99
85) Di-n-octyl phthalate	14.63	149	1657892	57.449	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1139246	49.162	ng	100
88) Benzo(b)fluoranthene	15.11	252	1075042	42.194	ng	99
89) Benzo(k)fluoranthene	15.14	252	1058078	43.250	ng	99
90) Benzo(a)pyrene	15.49	252	962754	42.895	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	964401	49.514	ng	98
92) Benzo(g,h,i)perylene	17.52	276	946939	50.329	ng	99

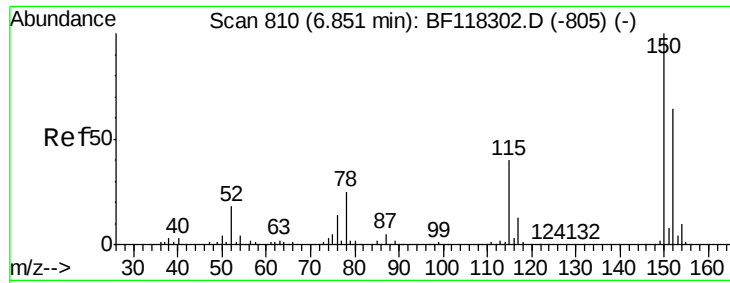
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118386.D
Acq On : 30 Dec 2019 17:41
Operator : JU
Sample : K6456-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Dec 31 00:39:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



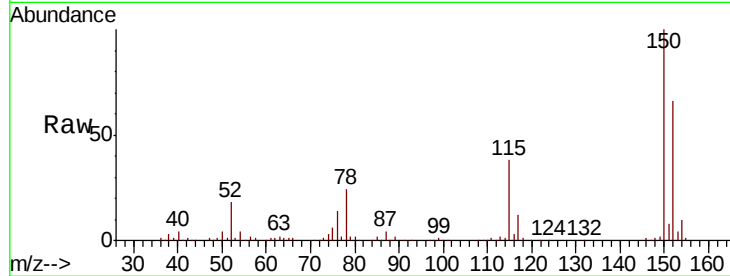


#1

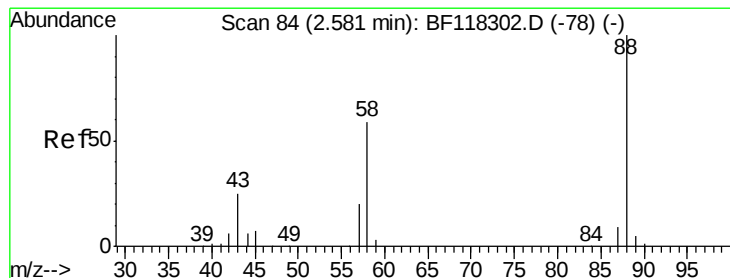
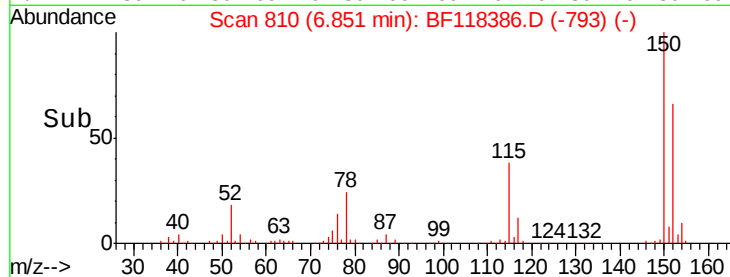
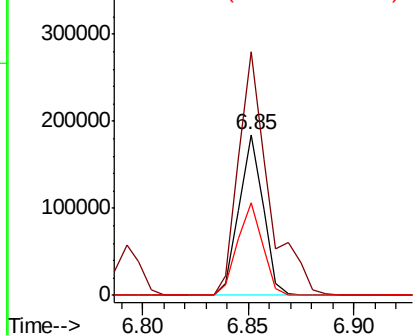
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145436
Ion Ratio Lower Upper
152 100
150 151.4 125.4 188.2
115 57.9 50.2 75.4



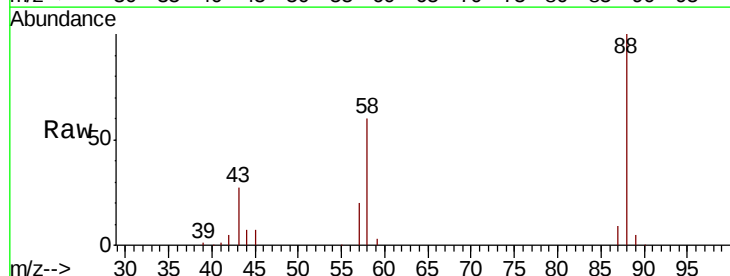
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



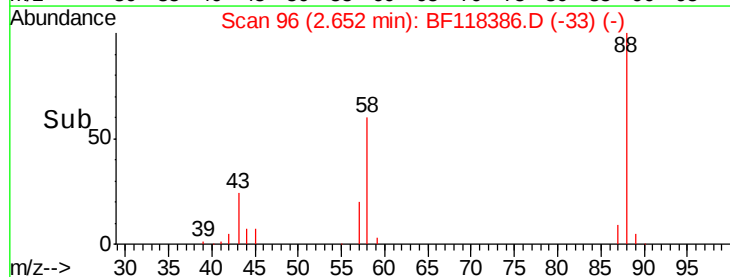
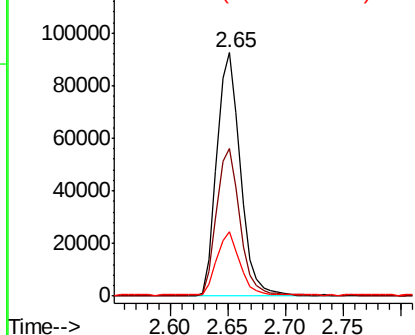
#2

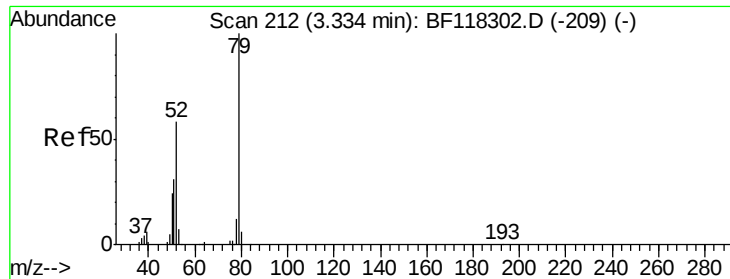
1,4-Dioxane
Concen: 38.857 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.07 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion: 88 Resp: 131607
Ion Ratio Lower Upper
88 100
58 60.3 47.6 71.4
43 25.6 20.6 30.8



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





#3

Pvridine

Concen: 35.727 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

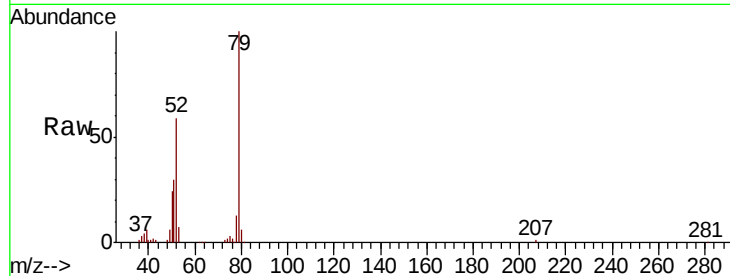
Tot Ion: 79 Resp: 322395

Ion Ratio Lower Upper

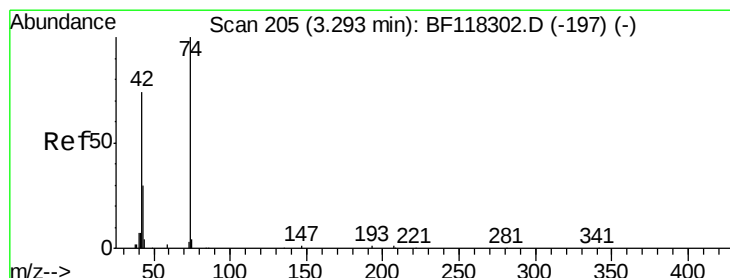
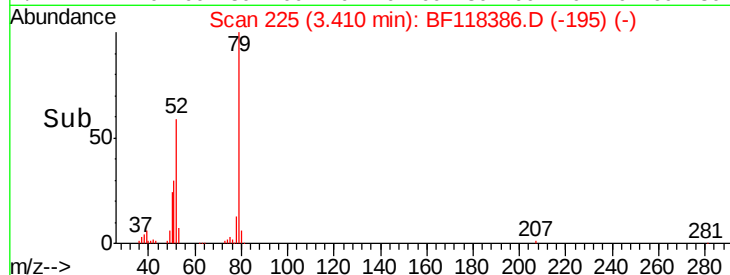
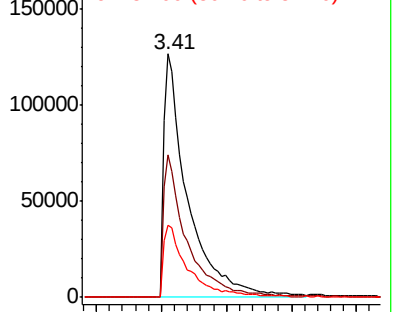
79 100

52 58.6 46.4 69.6

51 29.7 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.221 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

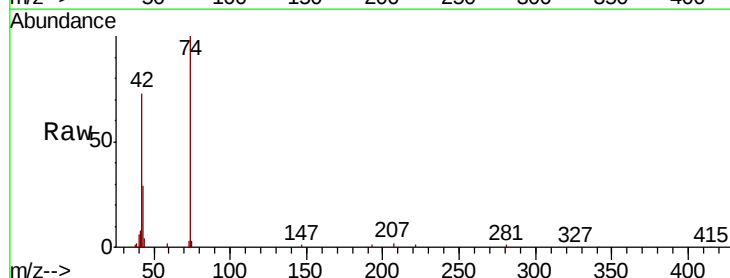
Tgt Ion: 42 Resp: 157522

Ion Ratio Lower Upper

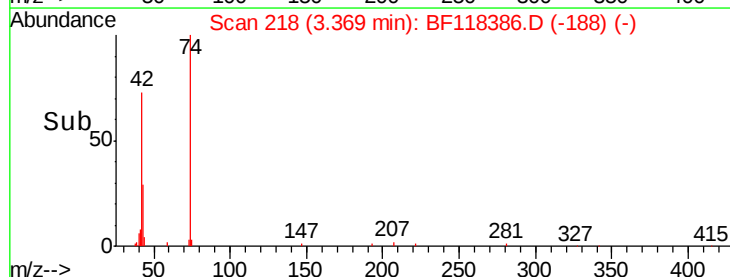
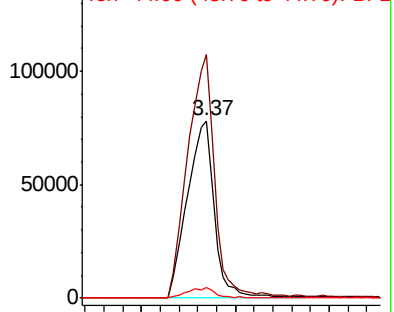
42 100

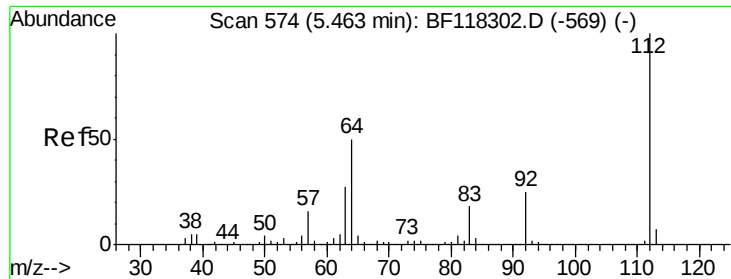
74 137.0 107.7 161.5

44 5.8 4.8 7.2



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





#5

2-Fluorophenol

Concen: 124.027 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampled :

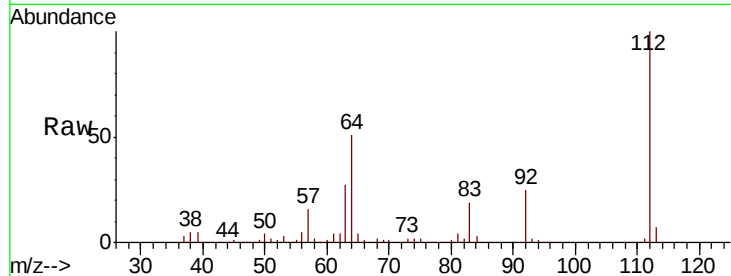
Tot Ion:112 Resp: 1056714

Ion Ratio Lower Upper

112 100

64 50.7 39.7 59.5

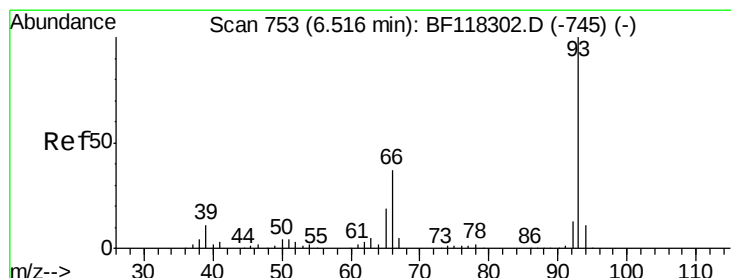
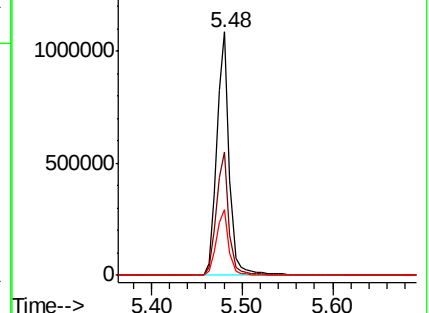
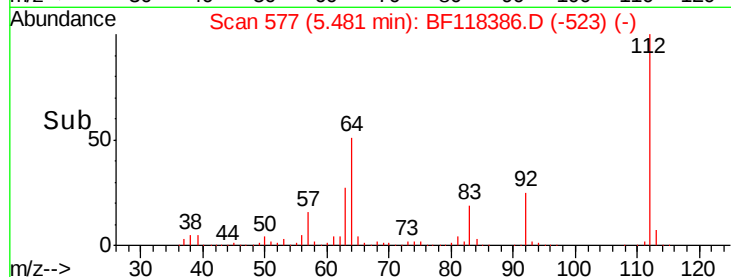
63 27.2 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.997 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

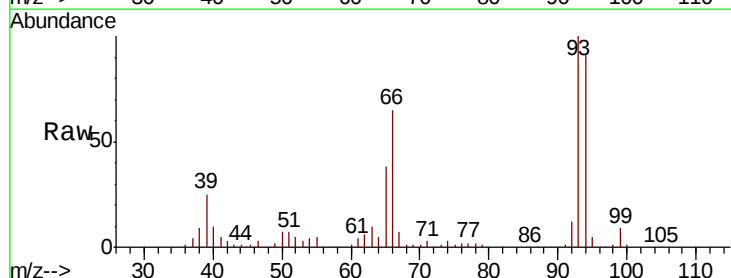
Tgt Ion: 93 Resp: 335490

Ion Ratio Lower Upper

93 100

66 65.0 30.2 45.4#

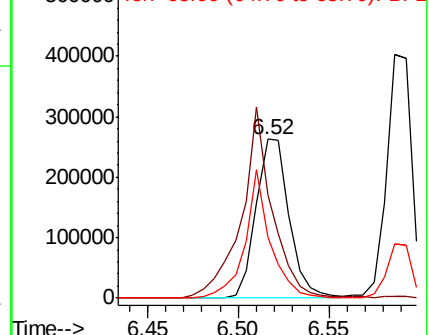
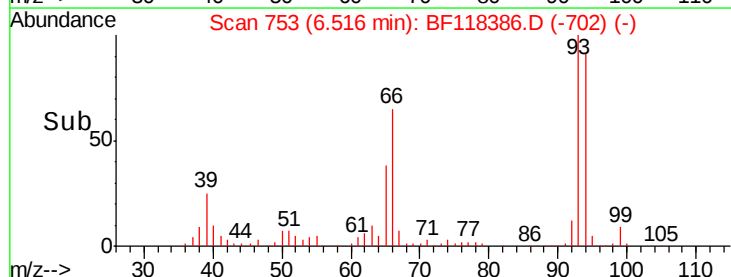
65 37.8 15.7 23.5#

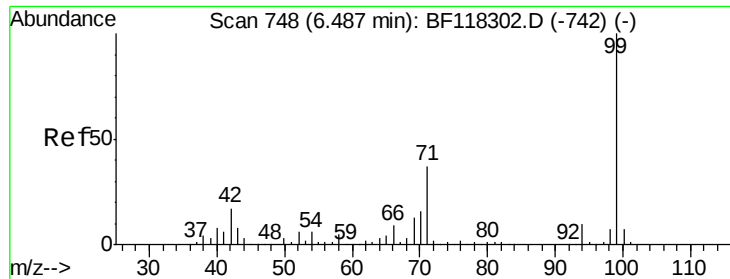


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.917 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampled :

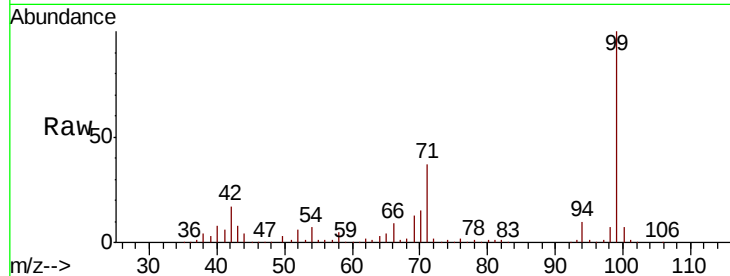
Tot Ion: 99 Resp: 1362566

Ion Ratio Lower Upper

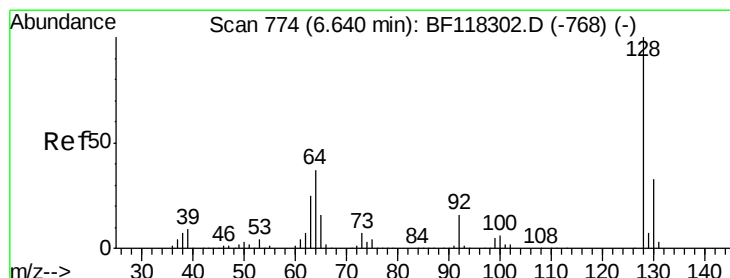
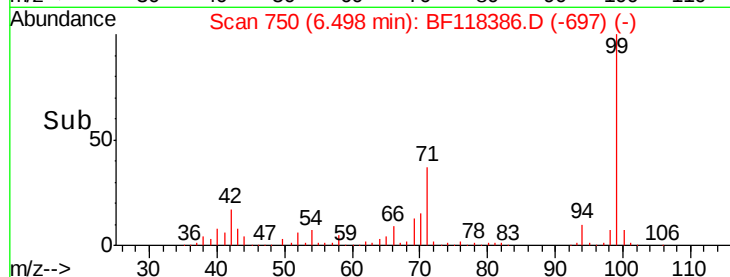
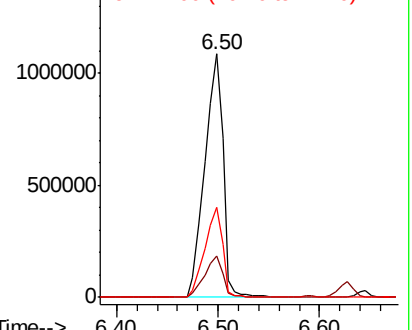
99 100

42 17.2 13.5 20.3

71 36.8 29.4 44.2



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



#8

2-Chlorophenol

Concen: 46.014 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

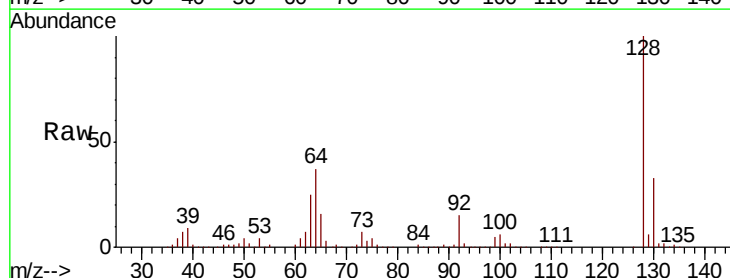
Tgt Ion:128 Resp: 444015

Ion Ratio Lower Upper

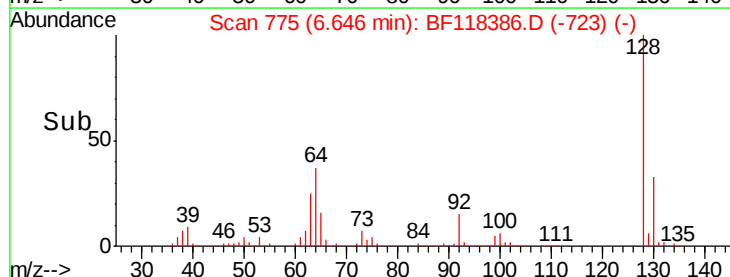
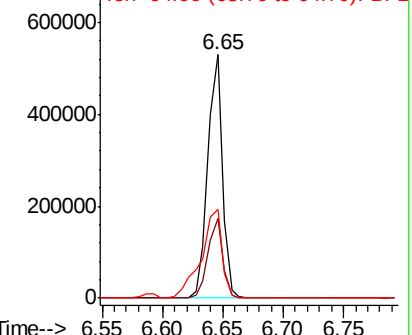
128 100

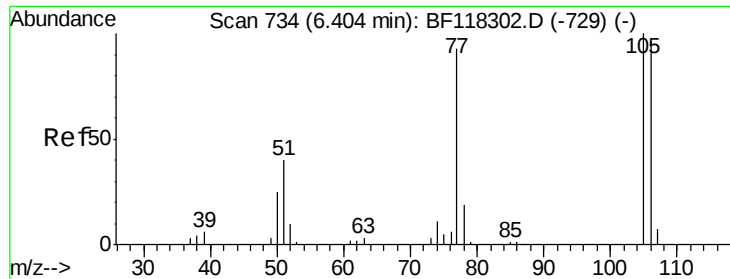
130 32.9 13.2 53.2

64 36.7 17.7 57.7



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

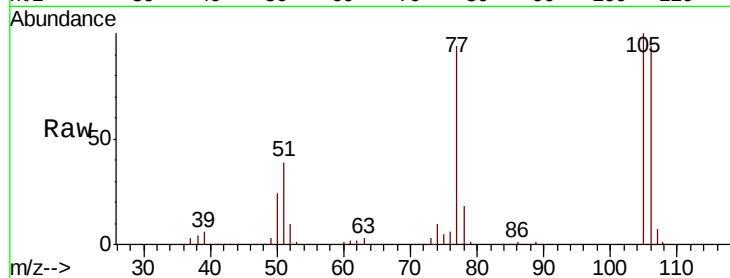




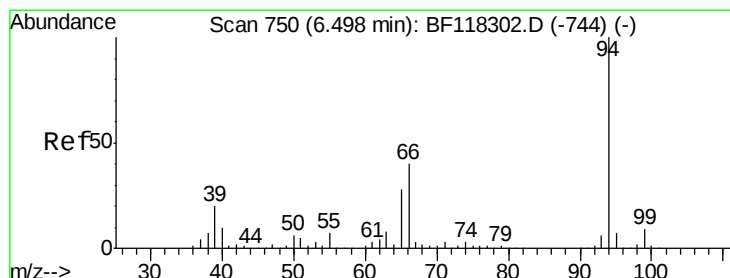
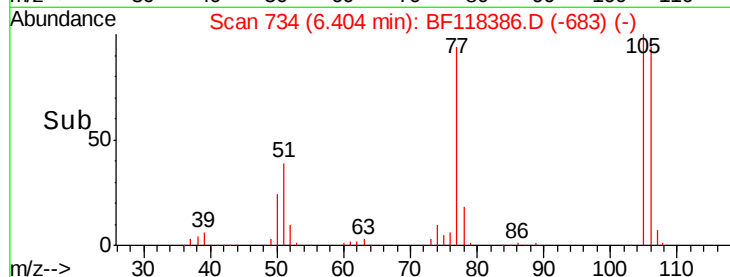
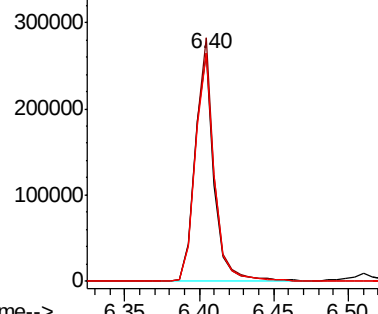
#9
Benzaldehyde
Concen: 38.418 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 238062
Ion Ratio Lower Upper
77 100
105 106.8 87.5 127.5
106 100.1 83.6 123.6

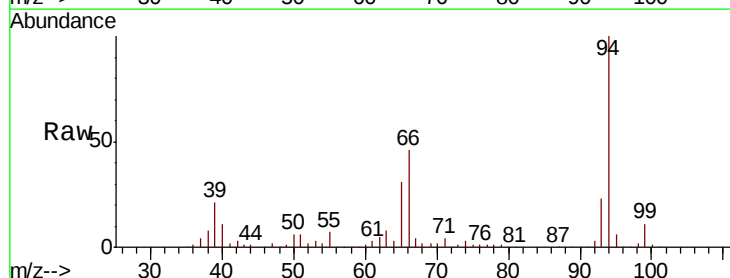


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

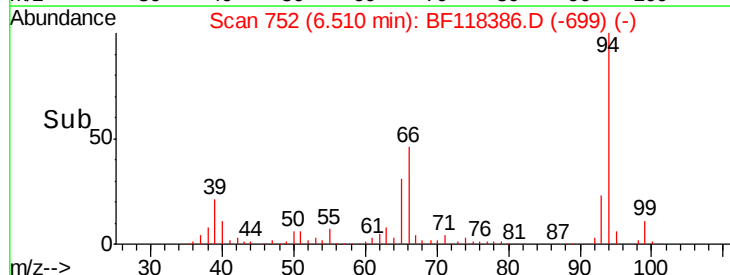
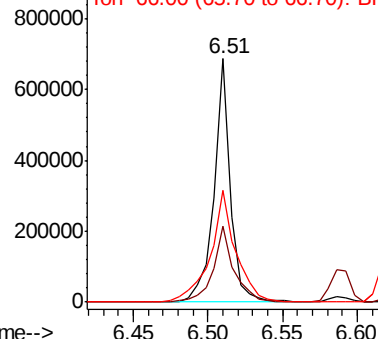


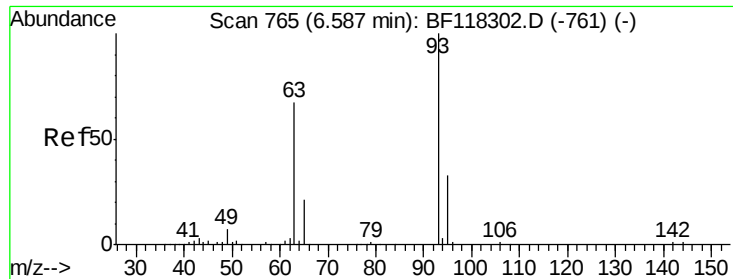
#10
Phenol
Concen: 44.280 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion: 94 Resp: 526026
Ion Ratio Lower Upper
94 100
65 30.9 7.8 47.8
66 46.0 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.601 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampled :

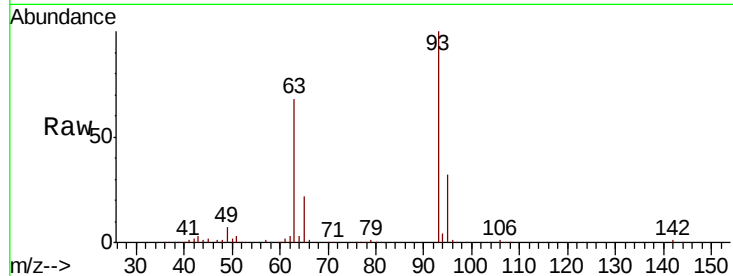
Tot Ion: 93 Resp: 387419

Ion Ratio Lower Upper

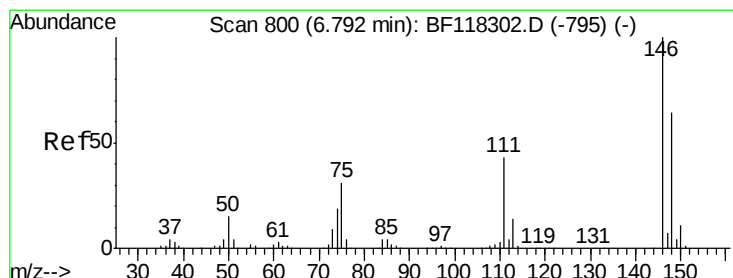
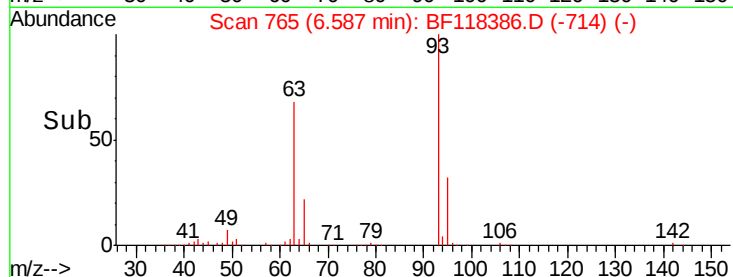
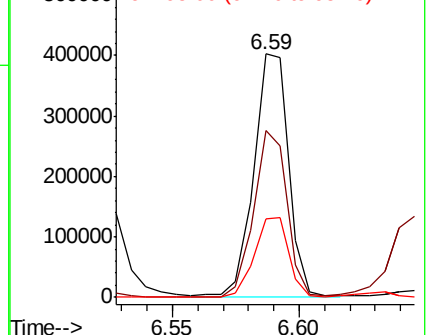
93 100

63 68.4 47.0 87.0

95 32.4 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 41.807 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

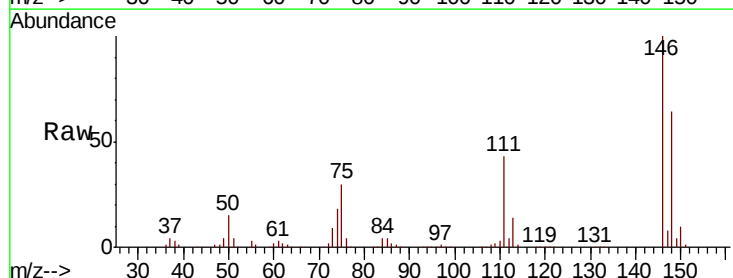
Tgt Ion: 146 Resp: 464610

Ion Ratio Lower Upper

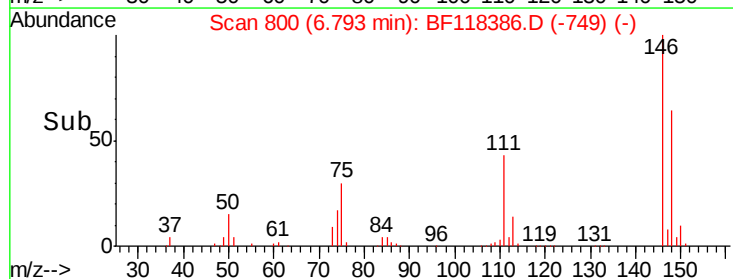
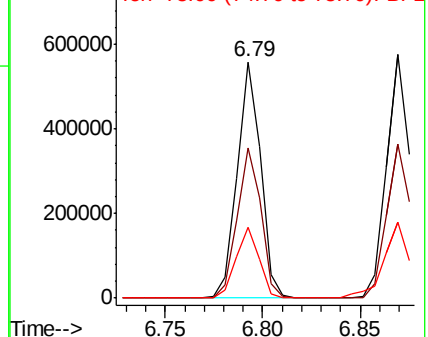
146 100

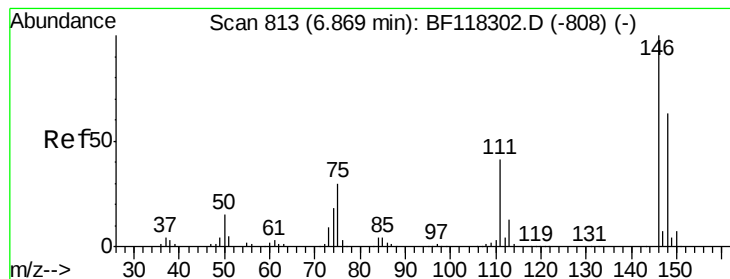
148 63.6 51.4 77.0

75 30.0 24.4 36.6



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

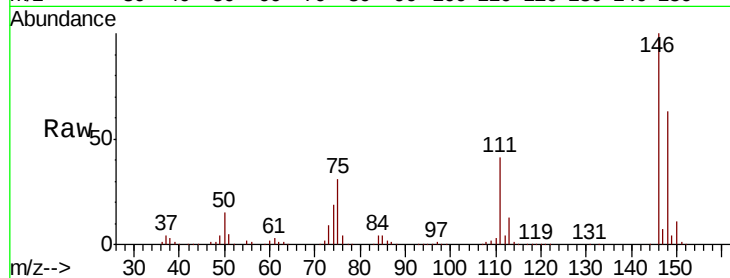




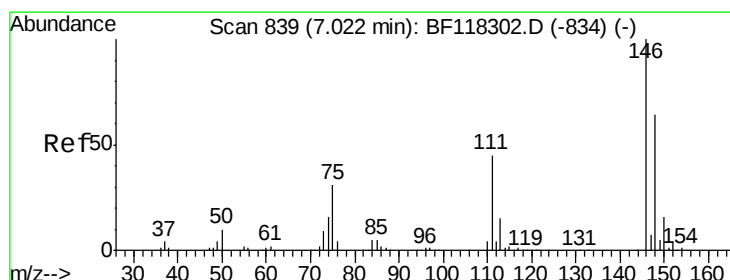
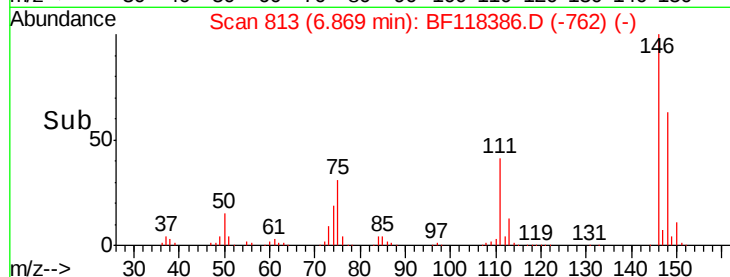
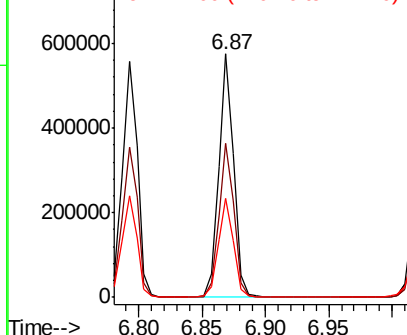
#13
 1,4-Dichlorobenzene
 Concen: 42.406 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 478676
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 40.8 32.8 49.2

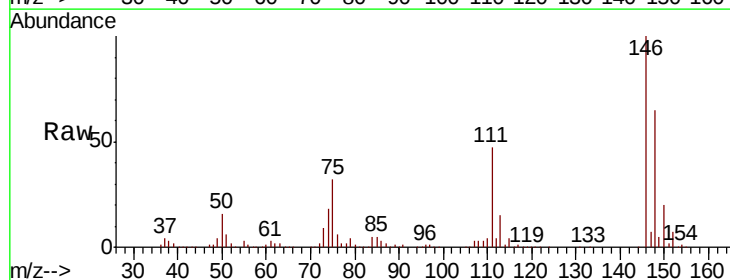


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

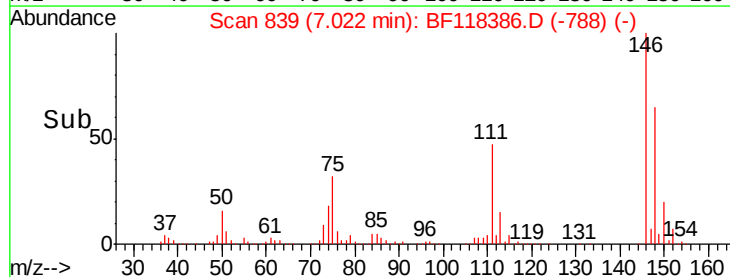
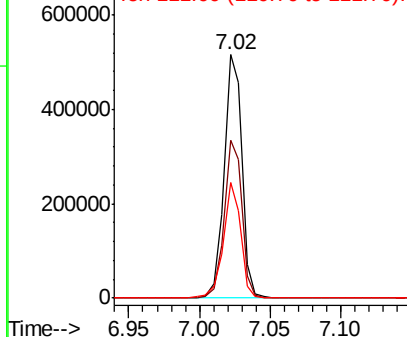


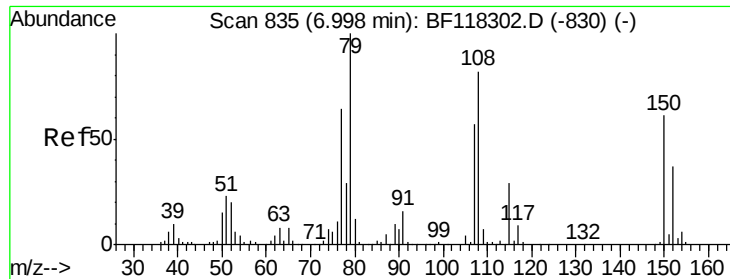
#14
 1,2-Dichlorobenzene
 Concen: 42.211 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:146 Resp: 449848
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 47.4 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 45.268 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampled :

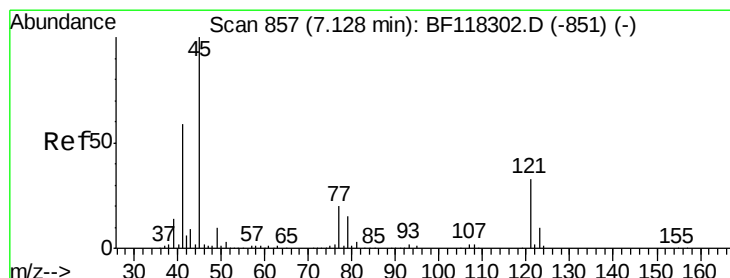
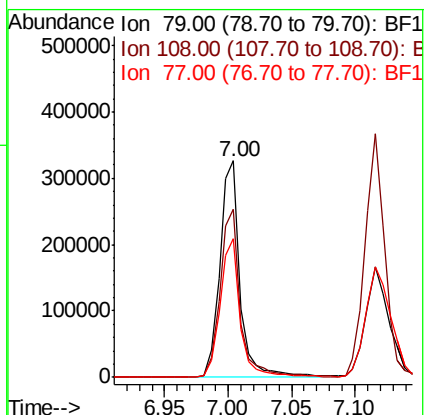
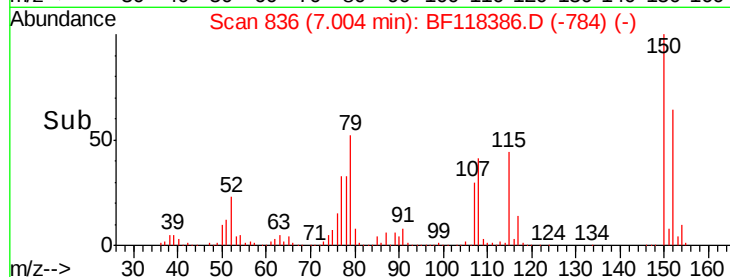
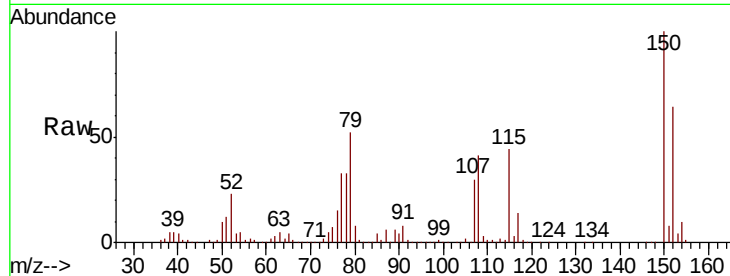
Tot Ion: 79 Resp: 364293

Ion Ratio Lower Upper

79 100

108 77.6 65.4 98.0

77 63.9 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.843 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

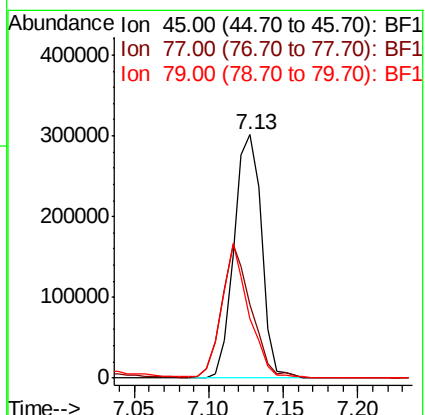
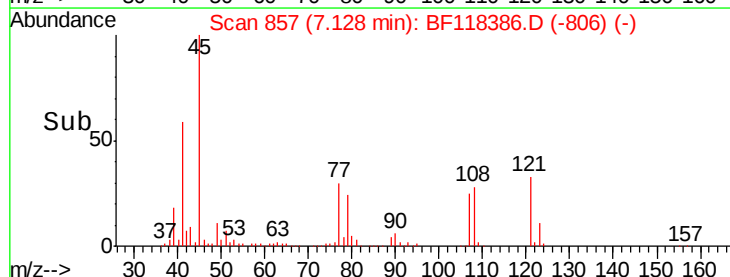
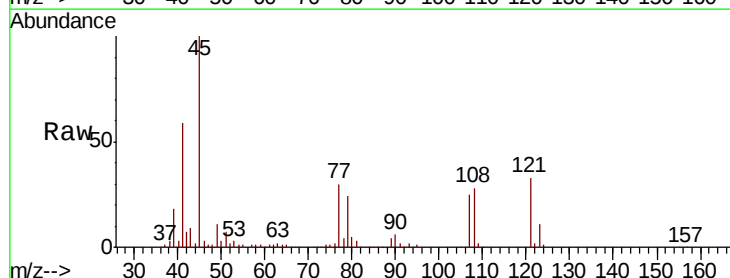
Tgt Ion: 45 Resp: 388400

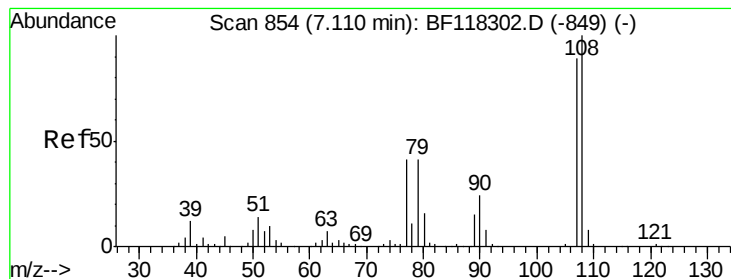
Ion Ratio Lower Upper

45 100

77 30.2 1.2 41.2

79 24.4 0.0 37.0





#17

2-Methylphenol

Concen: 45.426 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 351574

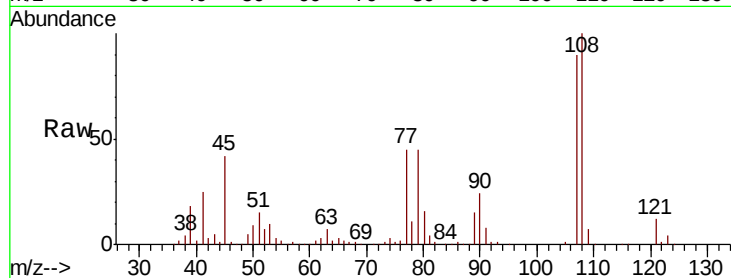
Ion Ratio Lower Upper

107 100

108 111.3 89.7 134.5

77 50.2 37.2 55.8

79 50.5 36.7 55.1

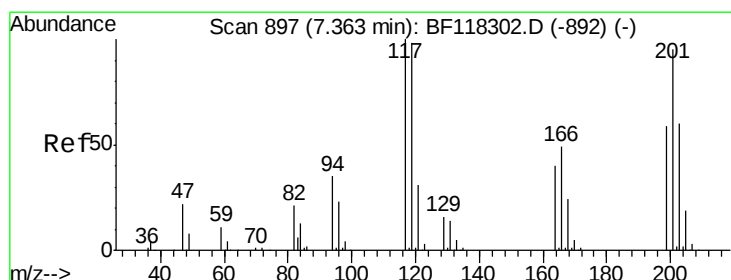
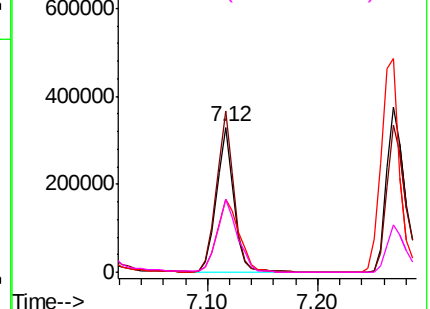
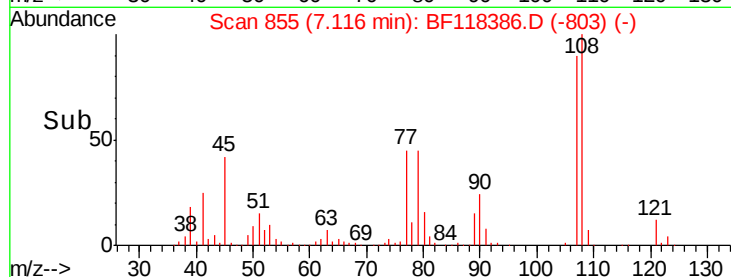


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.732 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

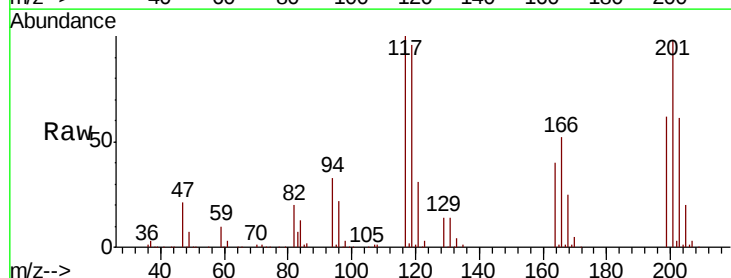
Tgt Ion:117 Resp: 172889

Ion Ratio Lower Upper

117 100

119 96.4 78.0 117.0

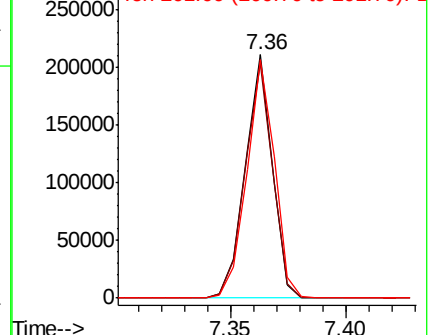
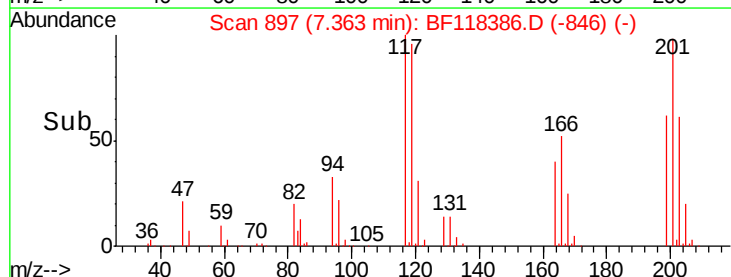
201 97.9 76.2 114.2

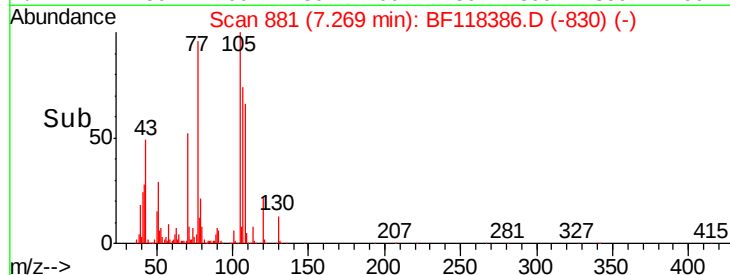
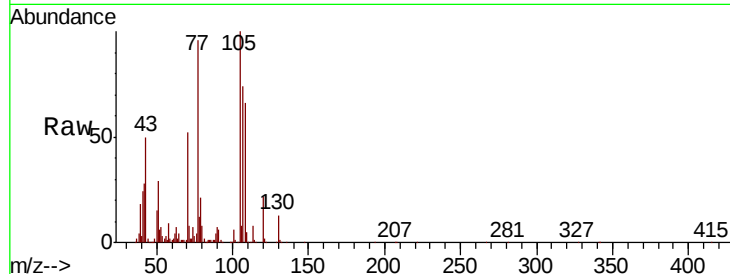
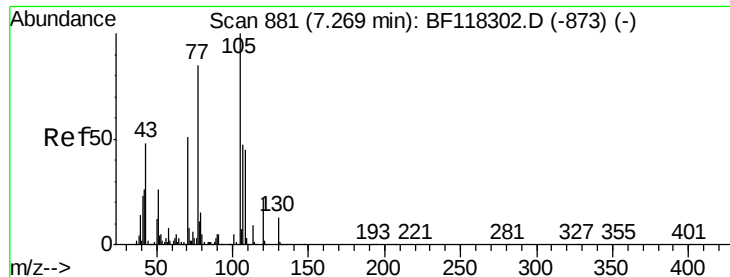


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

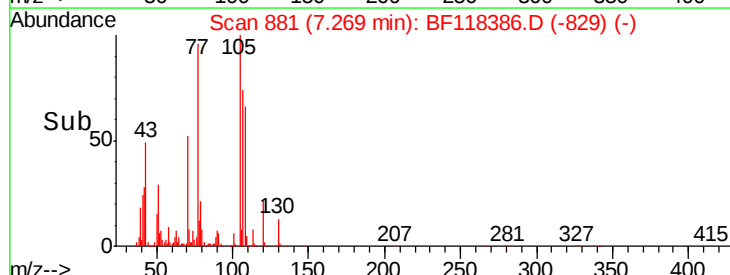
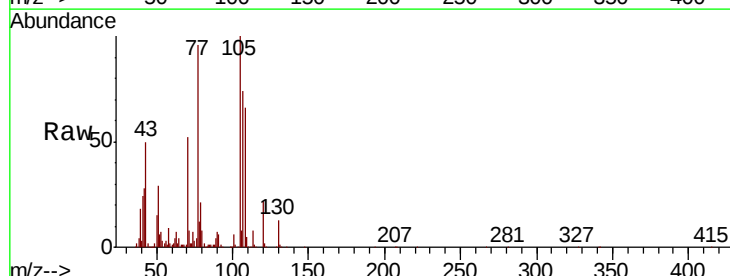
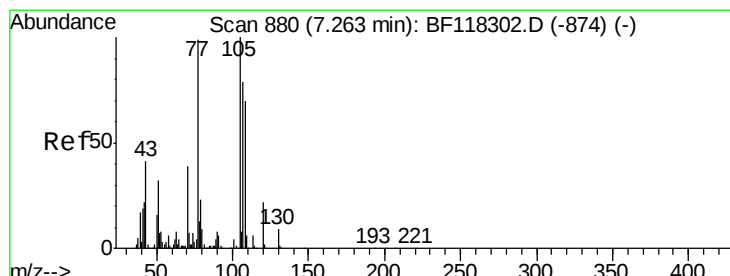
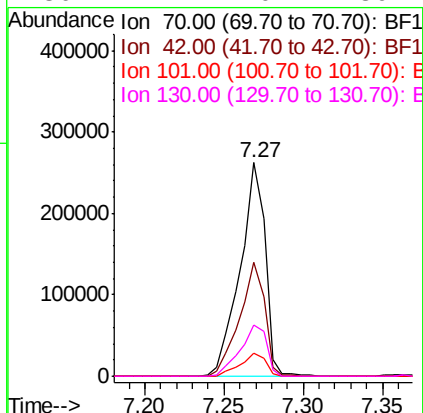




#19
n-Nitroso-di-n-propylamine
Concen: 44.258 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

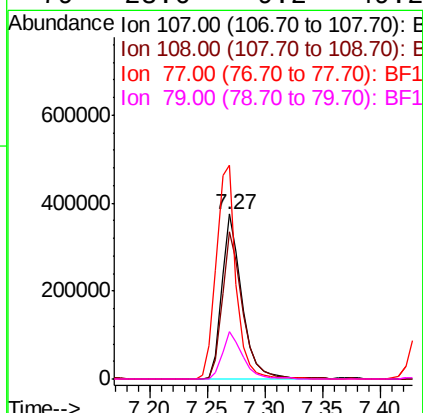
Instrument :
BNA_F
ClientSampleId :

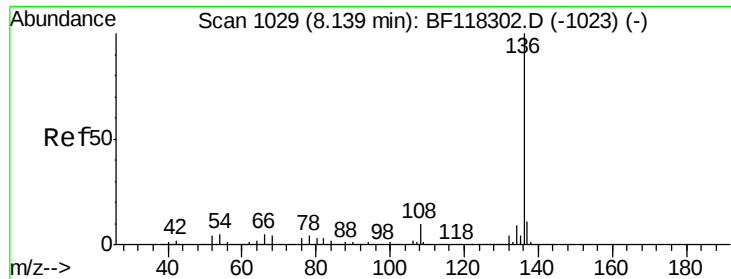
Tot Ion:	70	Resp:	288170
Ion	Ratio	Lower	Upper
70	100		
42	53.3	41.1	61.7
101	10.6	8.3	12.5
130	24.2	20.1	30.1



#20
3+4-Methylphenols
Concen: 45.391 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:	107	Resp:	449615
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.3	109.3
77	129.5	105.9	145.9
79	28.6	9.2	49.2

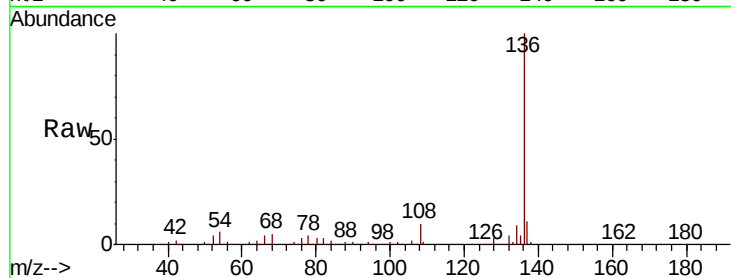




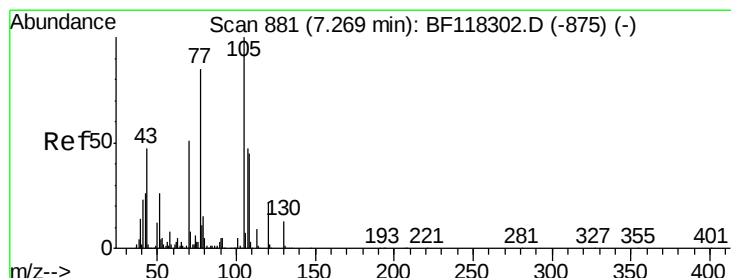
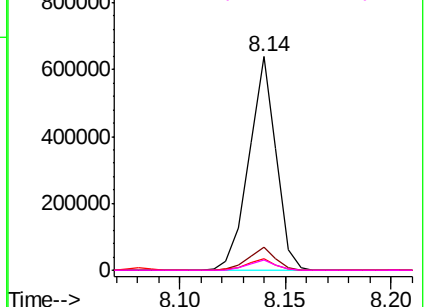
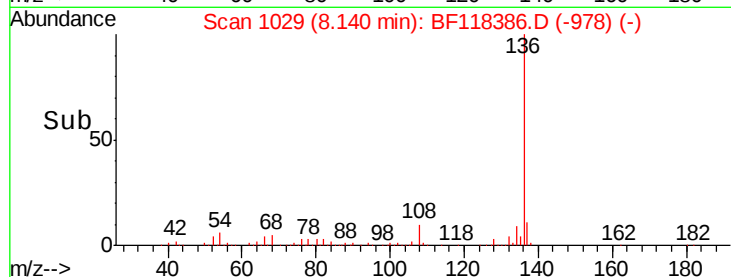
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	568069
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	5.5	4.2 6.4
68	4.5	3.5 5.3

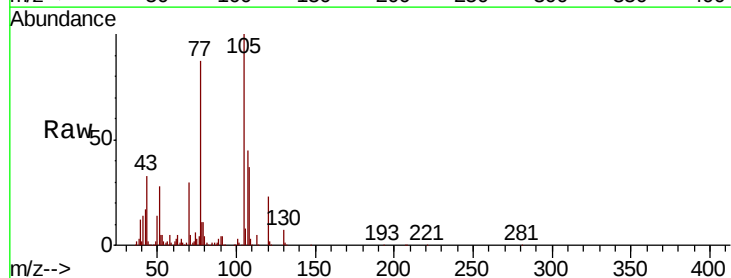


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

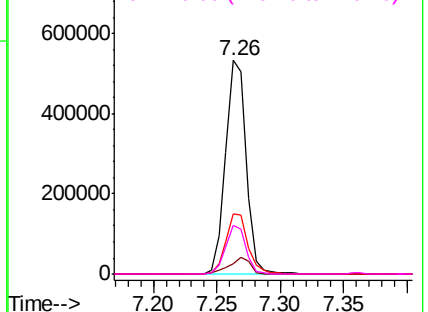
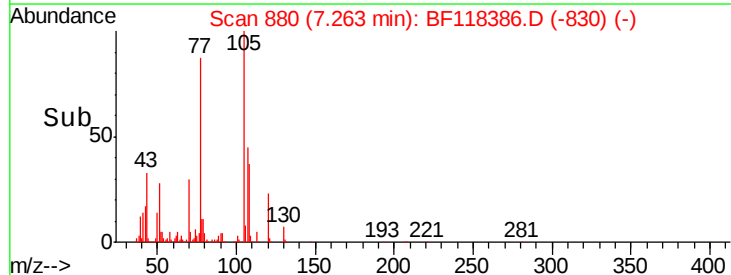


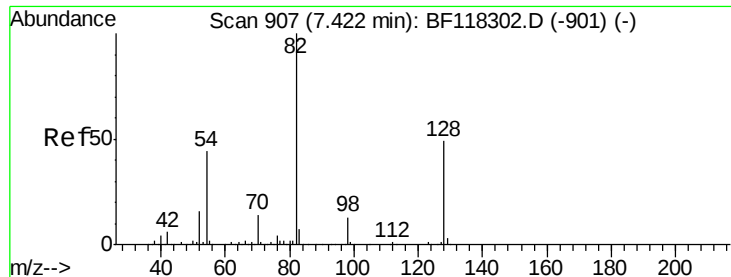
#22
Acetophenone
Concen: 43.008 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:105	Resp:	598793
Ion Ratio	Lower	Upper
105	100	
71	5.0	6.6 9.8#
51	28.1	20.6 30.8
120	22.7	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
800000
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

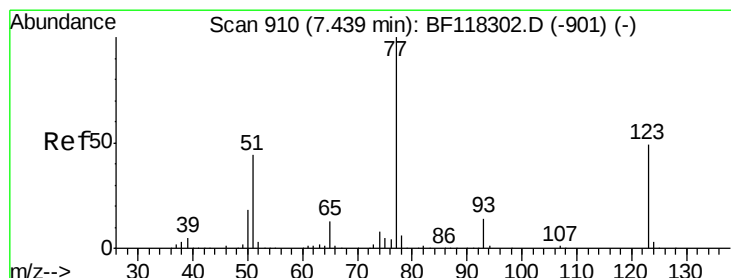
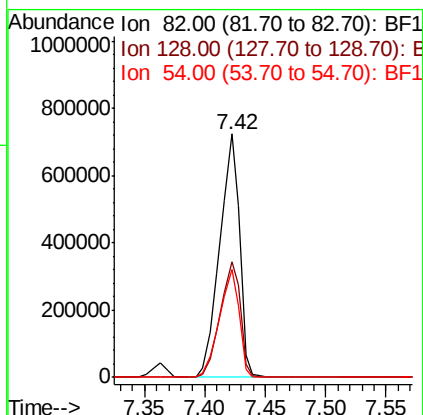
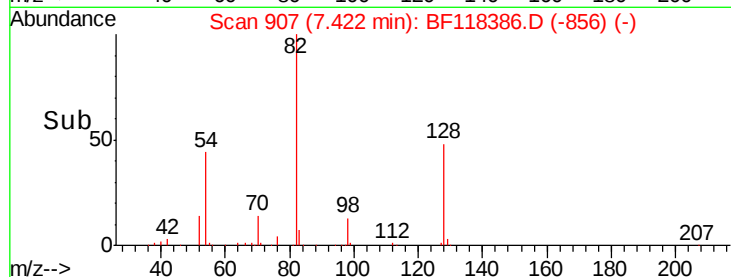
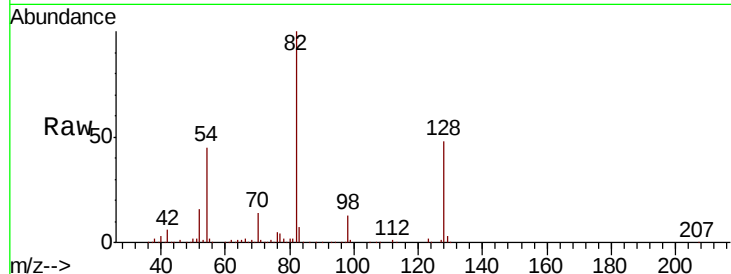




#23
Nitrobenzene-d5
Concen: 82.533 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

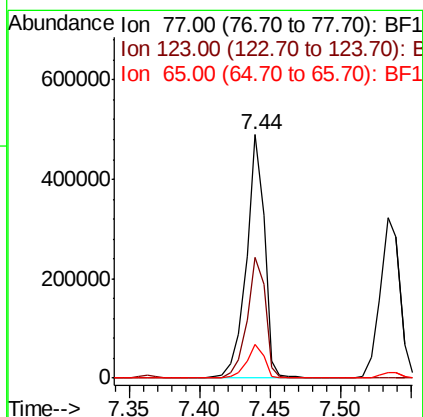
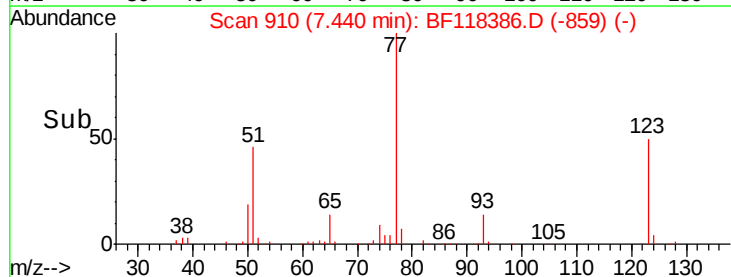
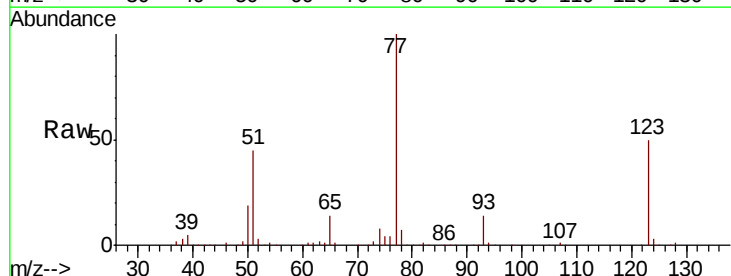
Instrument :
BNA_F
ClientSampled :

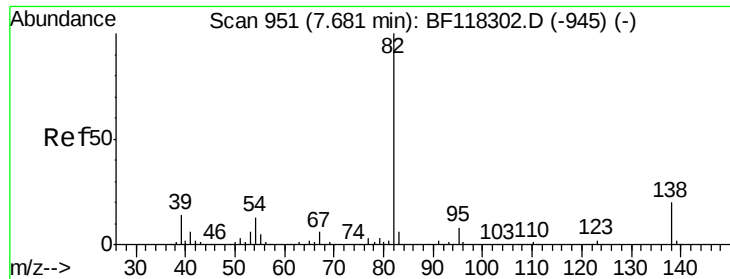
Tot Ion	82	Resp	819735
Ion Ratio	100	Lower	Upper
128	47.6	39.6	59.4
54	44.5	34.9	52.3



#24
Nitrobenzene
Concen: 43.684 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion	77	Resp	434625
Ion Ratio	100	Lower	Upper
123	49.8	39.1	58.7
65	13.9	10.6	16.0

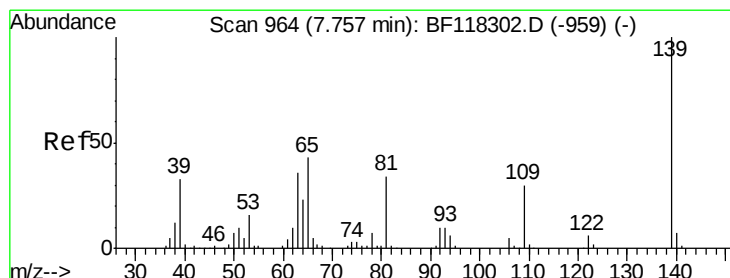
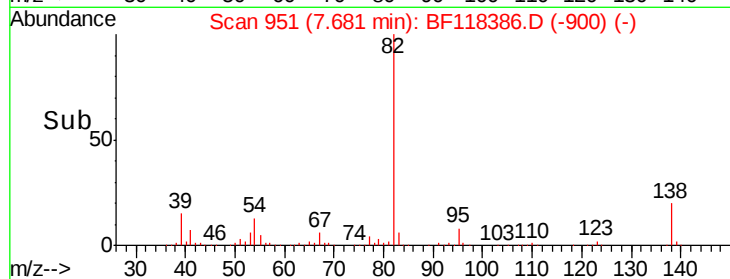
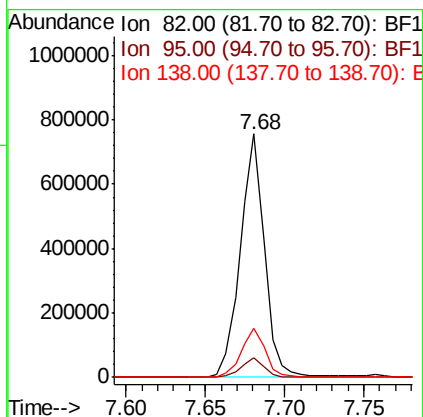
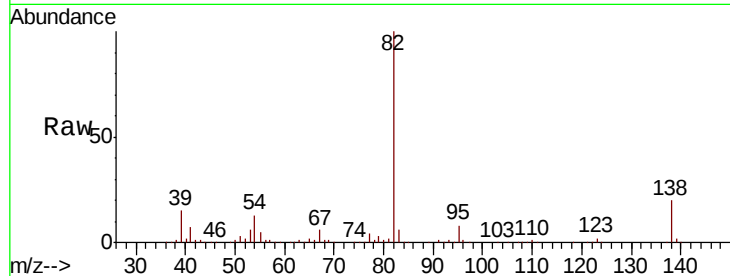




#25
Isophorone
Concen: 46.043 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

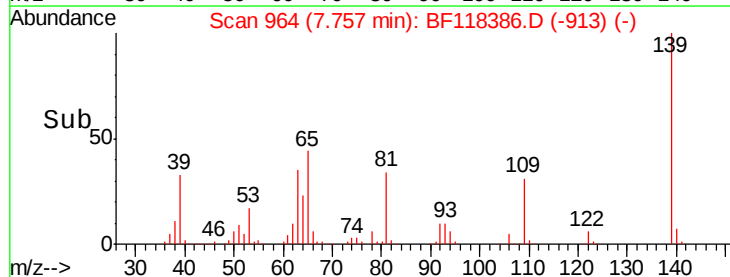
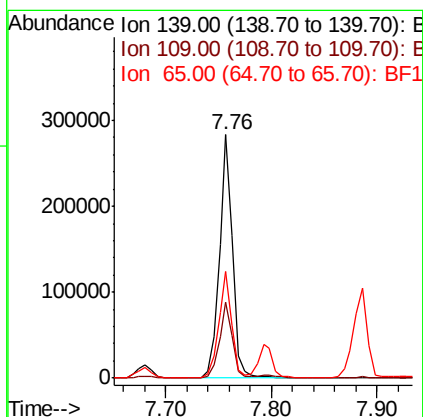
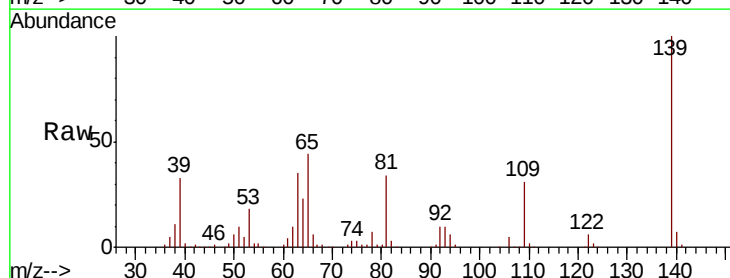
Instrument :
BNA_F
ClientSampleId :

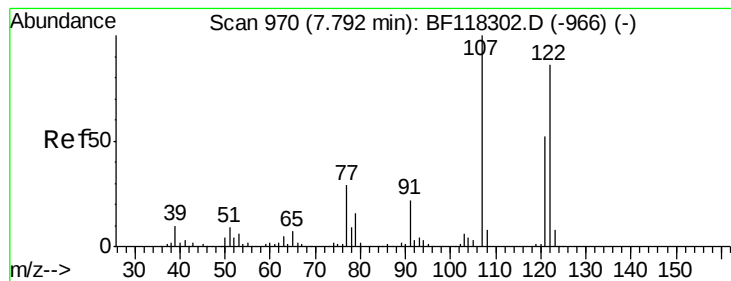
Tot Ion: 82 Resp: 796990
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.9 16.2 24.2



#26
2-Nitrophenol
Concen: 47.645 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion: 139 Resp: 251080
Ion Ratio Lower Upper
139 100
109 31.2 24.1 36.1
65 44.0 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 53.325 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

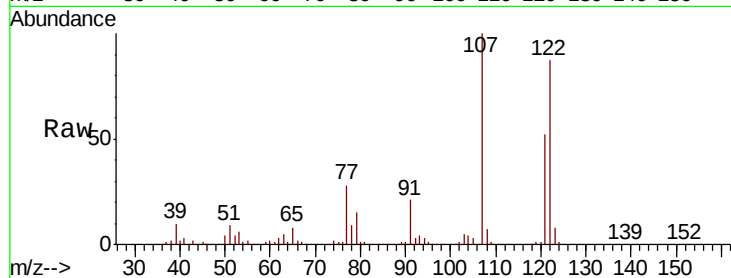
Tot Ion:122 Resp: 383412

Ion Ratio Lower Upper

122 100

107 114.5 92.9 139.3

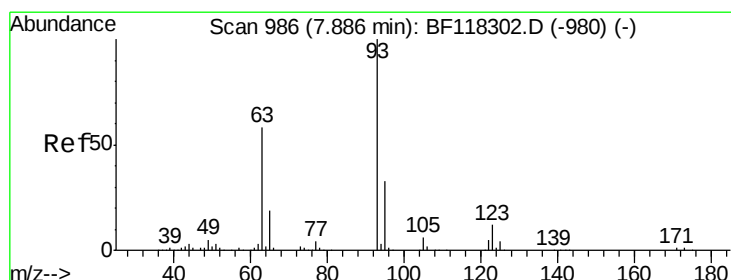
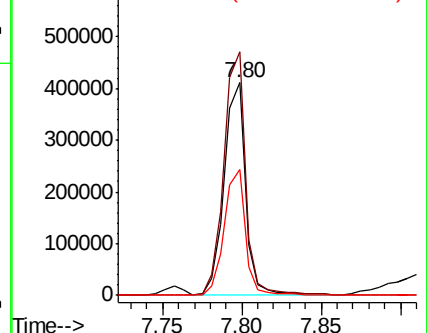
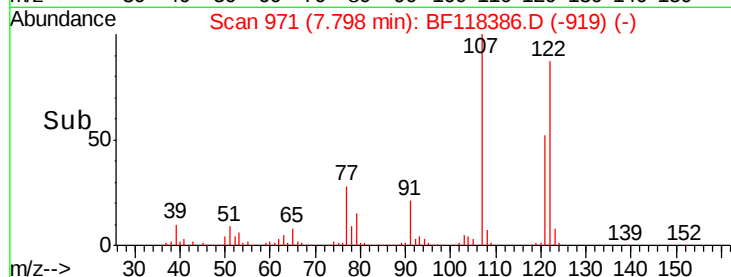
121 59.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.660 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

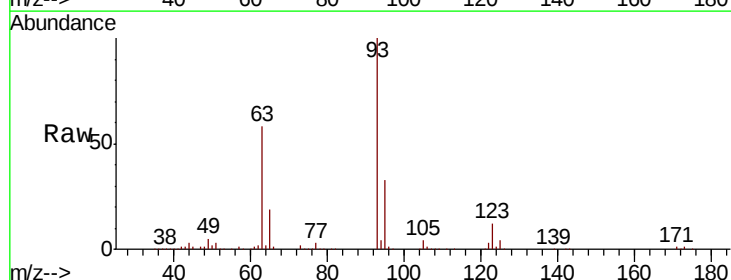
Tgt Ion: 93 Resp: 494250

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

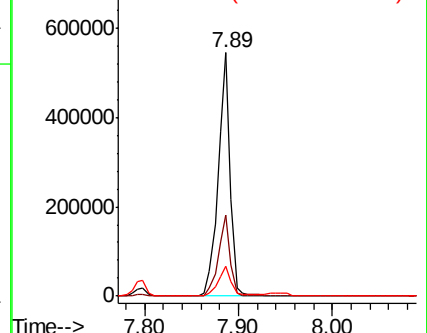
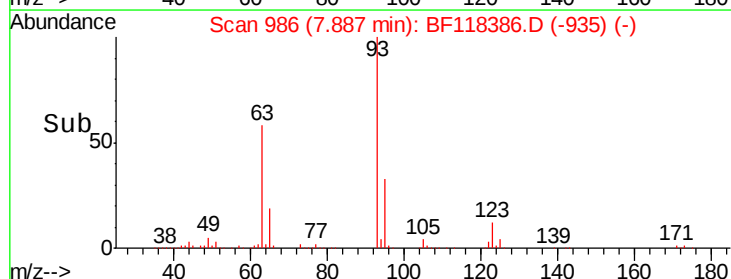
123 12.1 9.8 14.8

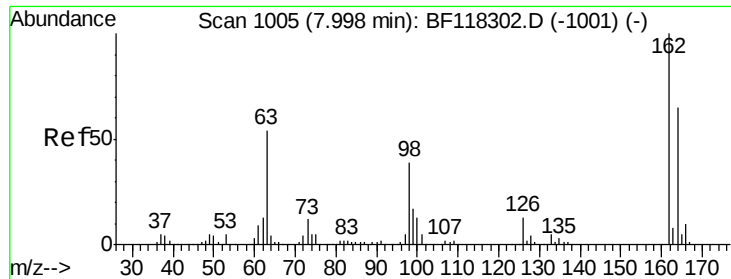


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

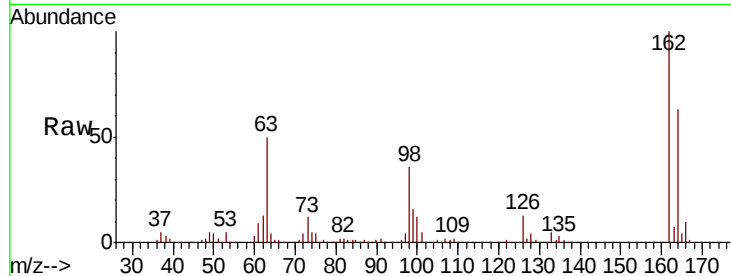




#29
 2,4-Dichlorophenol
 Concen: 46.073 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.1	85.1
98	36.0	18.6	58.6

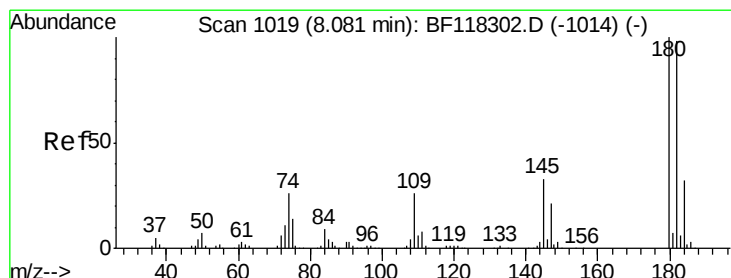
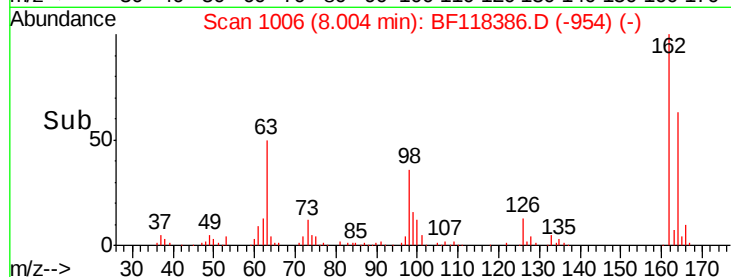
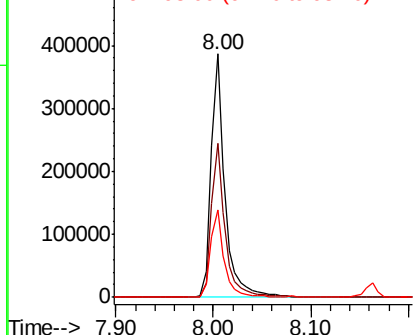


Abundance

Ion 162.00 (161.70 to 162.70): E

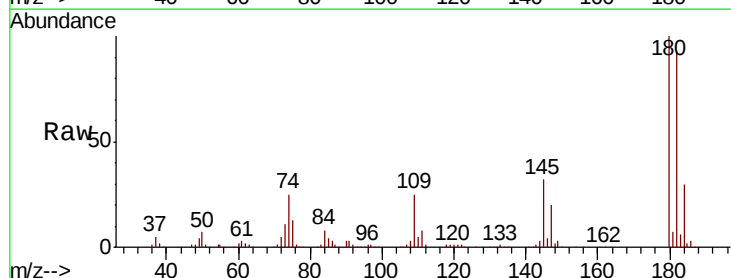
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.532 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	78.3	117.5
145	31.7	26.7	40.1

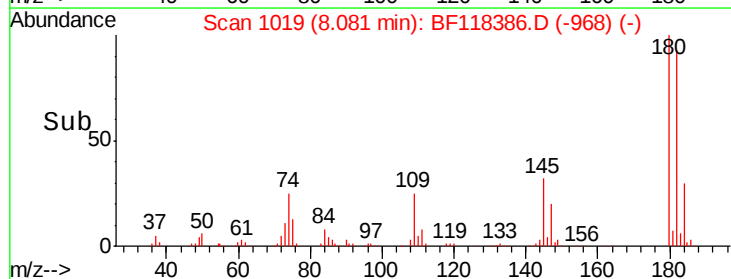
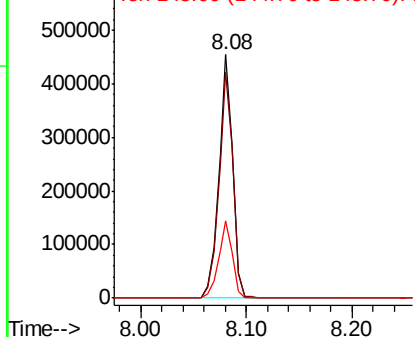


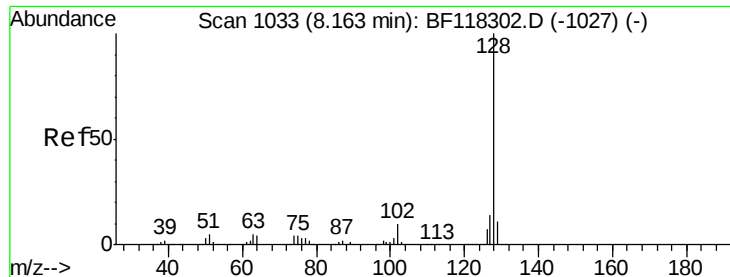
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

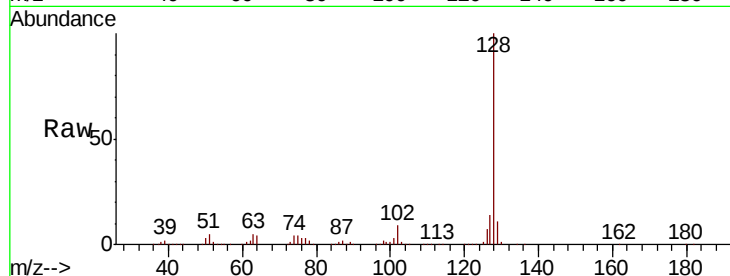




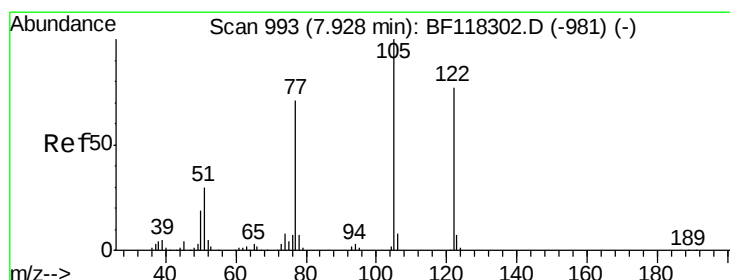
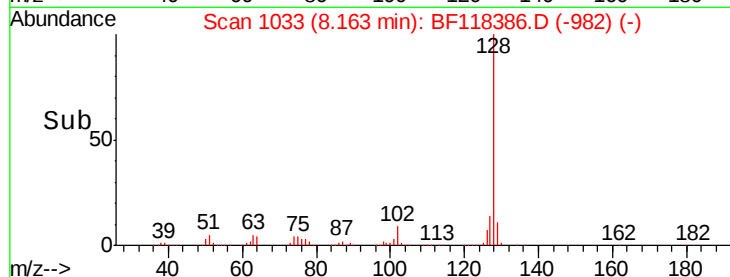
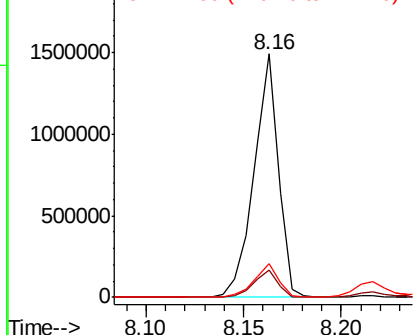
#31
Naphthalene
Concen: 44.804 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1293617
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.6 11.0 16.4

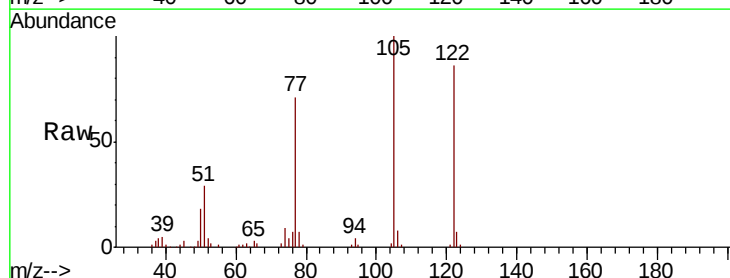


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

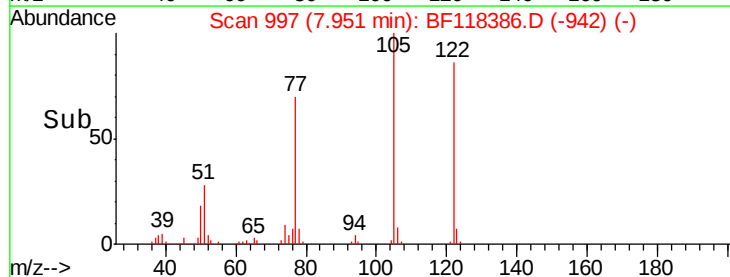
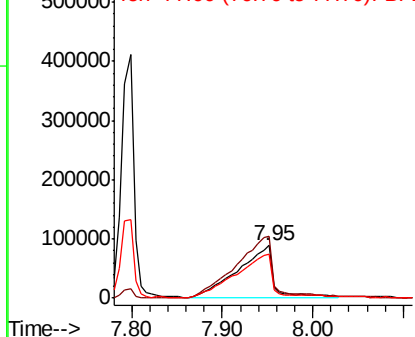


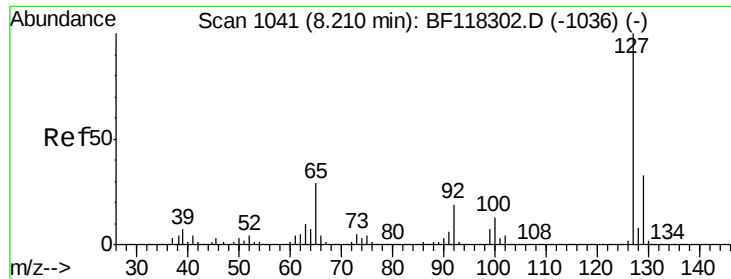
#32
Benzoic acid
Concen: 39.949 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:122 Resp: 236000
Ion Ratio Lower Upper
122 100
105 116.4 106.8 146.8
77 82.9 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

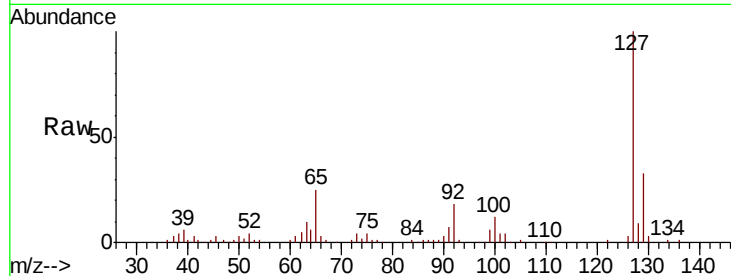




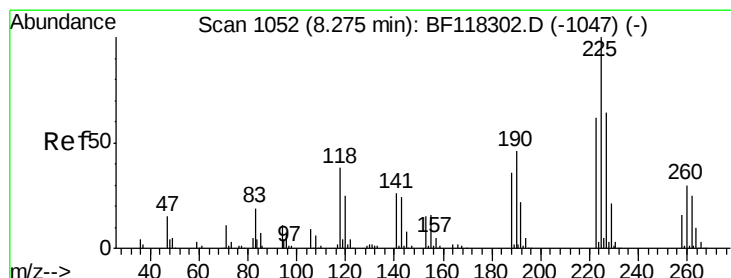
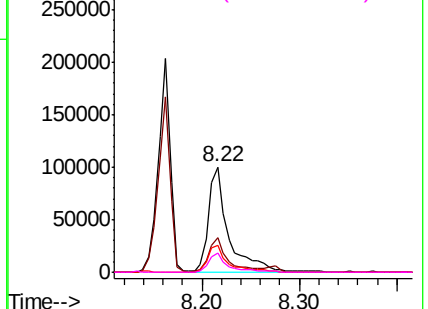
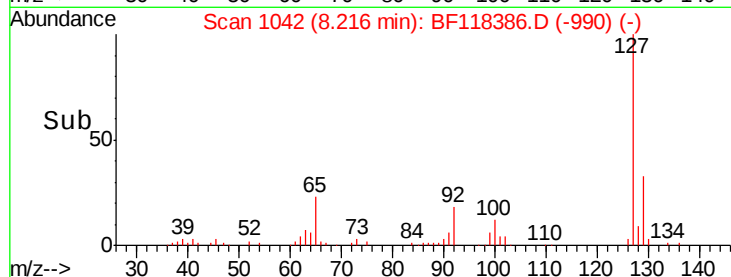
#33
4-Chloroaniline
Concen: 11.523 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	142627
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	25.2	22.8	34.2
92	18.3	15.5	23.3

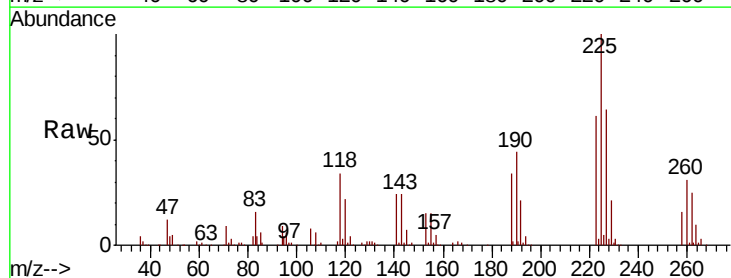


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

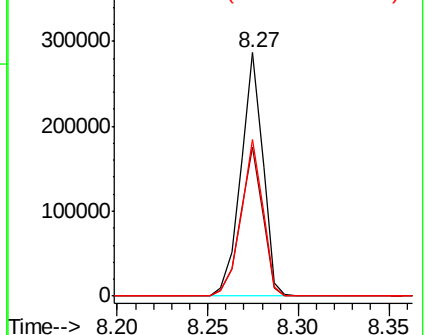
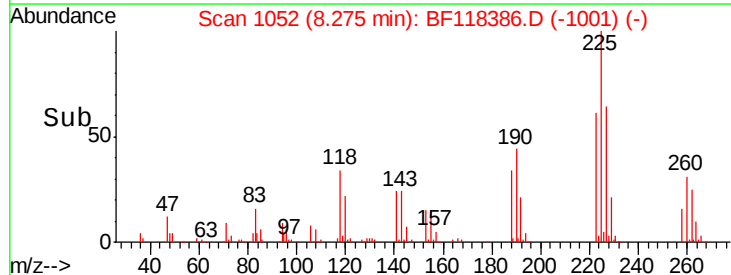


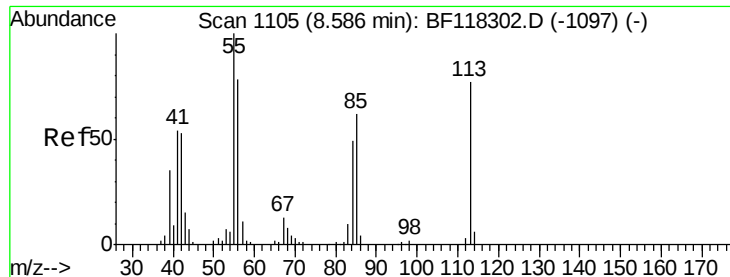
#34
Hexachlorobutadiene
Concen: 41.971 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:	225	Resp:	240854
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.5	74.3
227	64.3	51.0	76.4



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

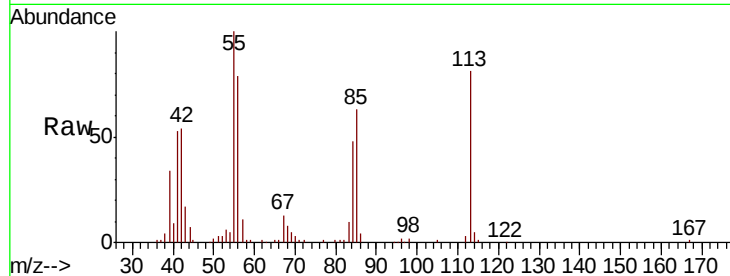




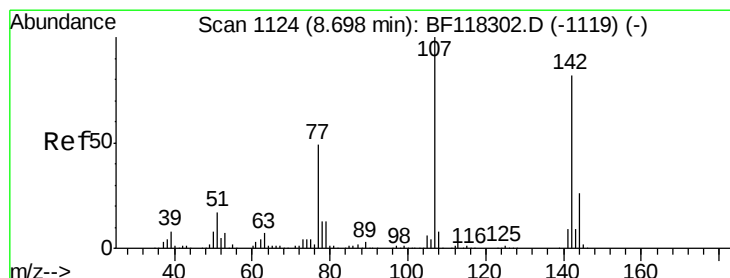
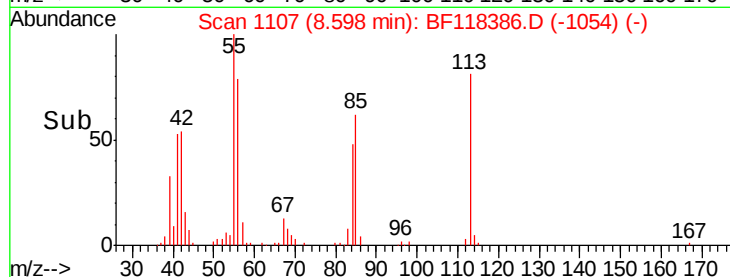
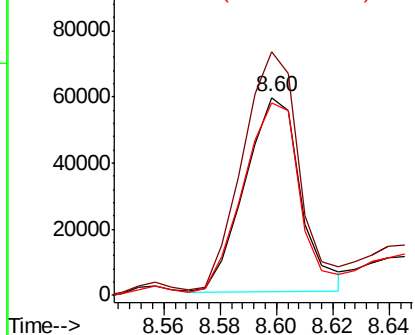
#35
Caprolactam
Concen: 31.202 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 80618
Ion Ratio Lower Upper
113 100
55 123.0 109.8 149.8
56 97.3 81.7 121.7

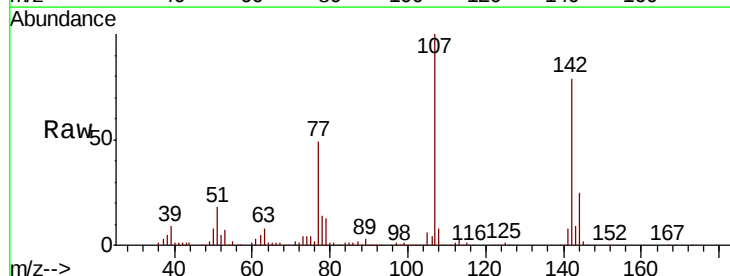


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

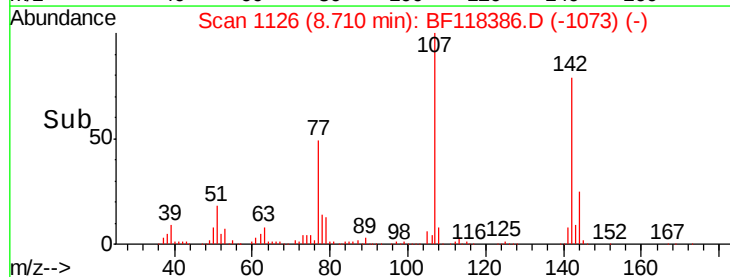
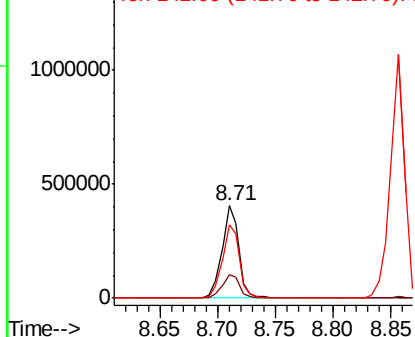


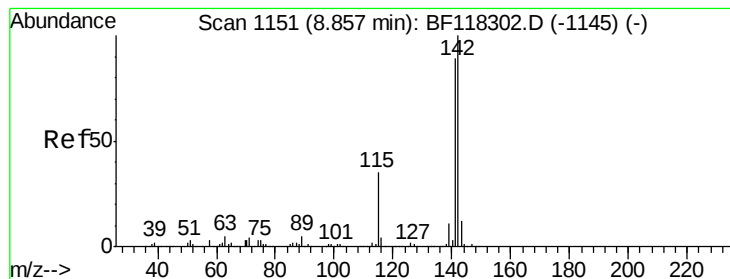
#36
4-Chloro-3-methylphenol
Concen: 46.152 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:107 Resp: 410075
Ion Ratio Lower Upper
107 100
144 25.4 21.2 31.8
142 79.5 65.4 98.2



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





#37

2-Methylnaphthalene

Concen: 46.161 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

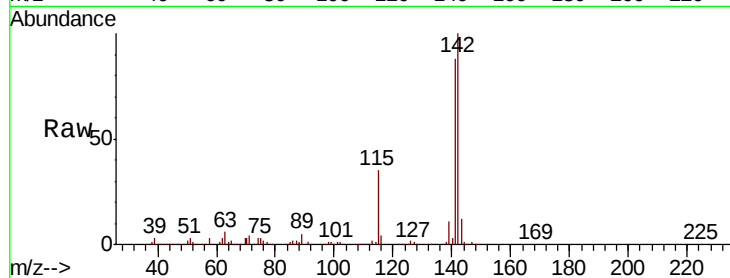
Tot Ion:142 Resp: 912511

Ion Ratio Lower Upper

142 100

141 87.6 71.2 106.8

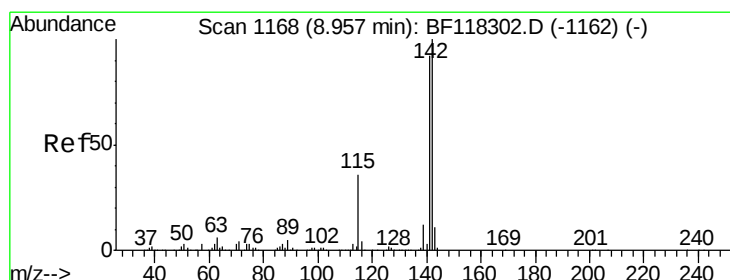
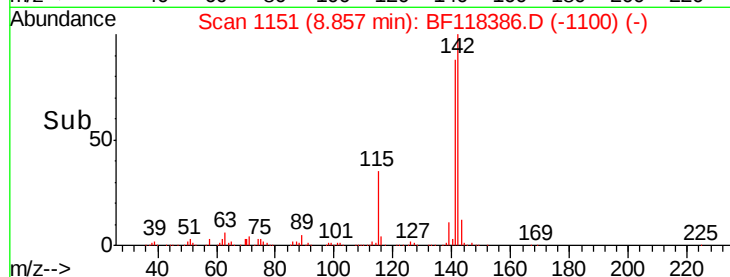
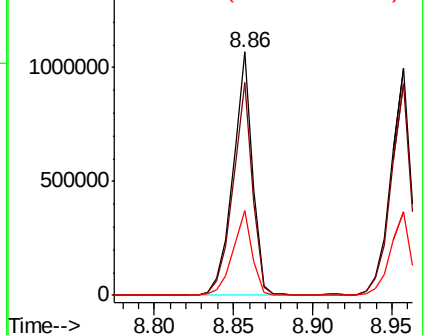
115 34.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.731 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

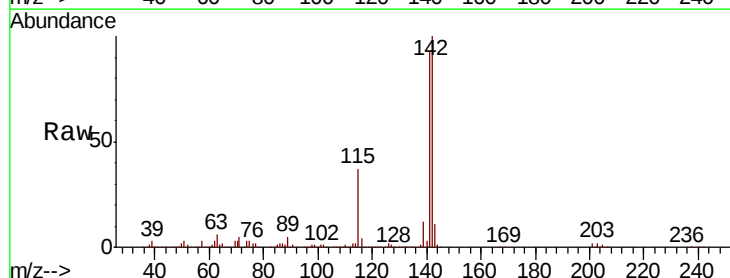
Tgt Ion:142 Resp: 851712

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.2

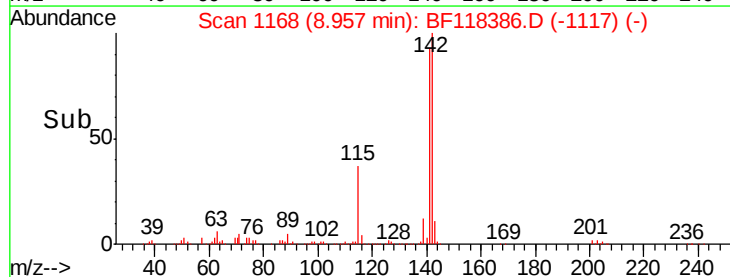
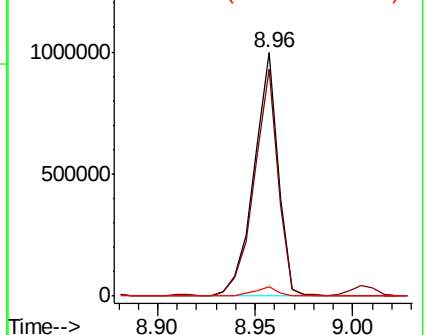
116 3.8 2.9 4.3

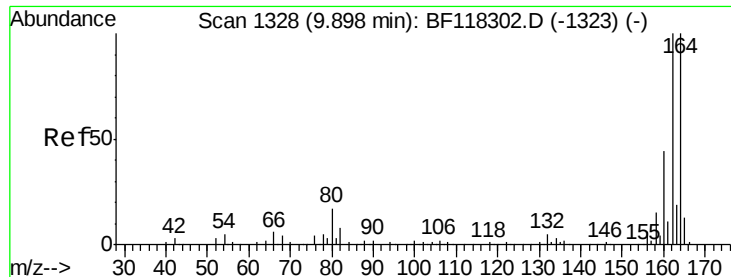


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

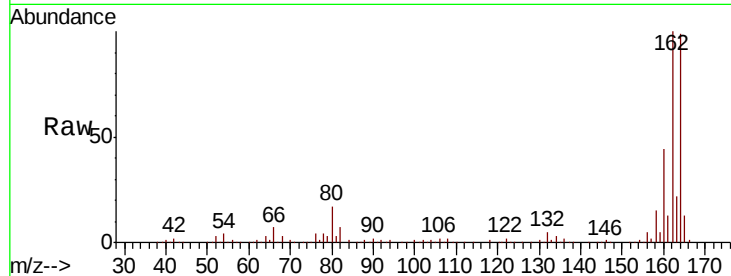




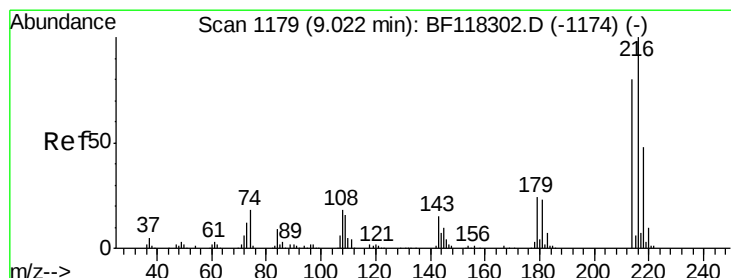
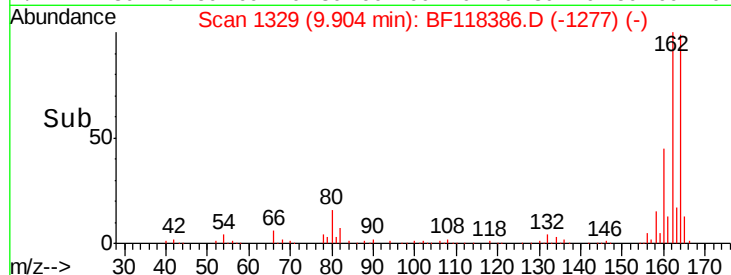
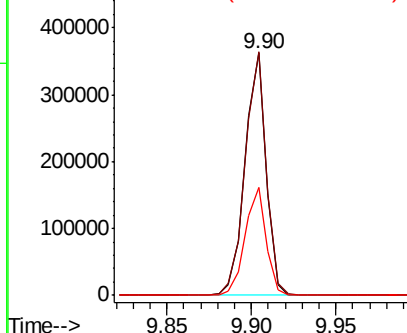
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 317412
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.0 120.0
 160 44.7 34.8 52.2

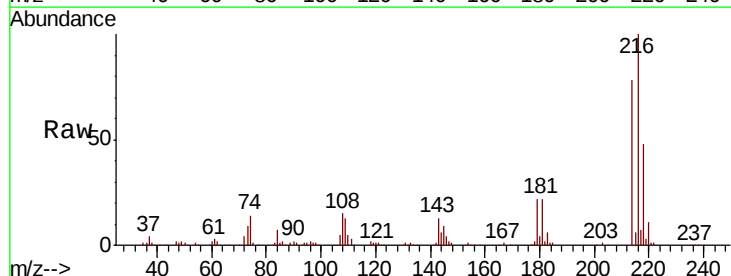


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

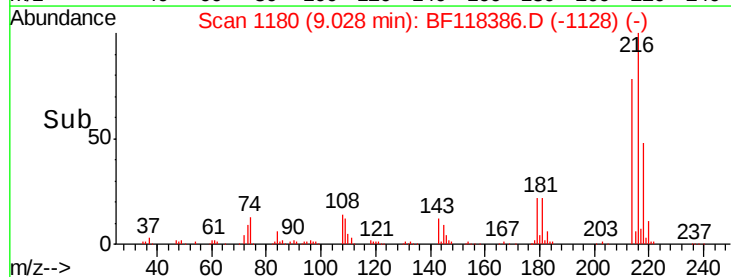
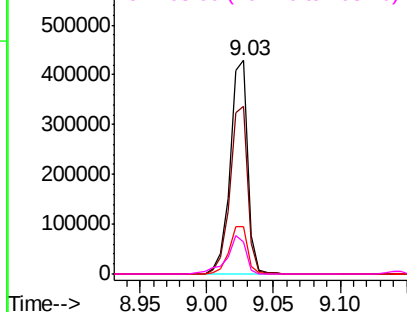


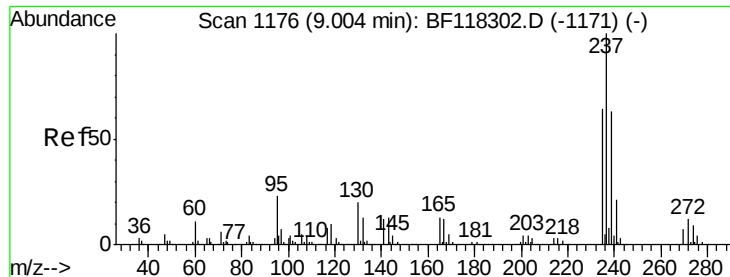
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.928 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:216 Resp: 399861
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.3 94.9
 179 23.1 18.9 28.3
 108 19.8 15.0 22.6



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





#41

Hexachlorocyclopentadiene

Concen: 73.445 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

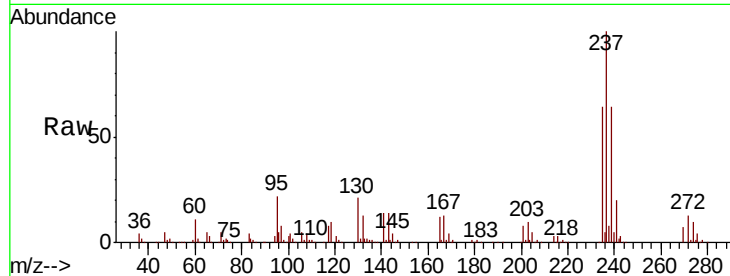
Tot Ion:237 Resp: 291607

Ion Ratio Lower Upper

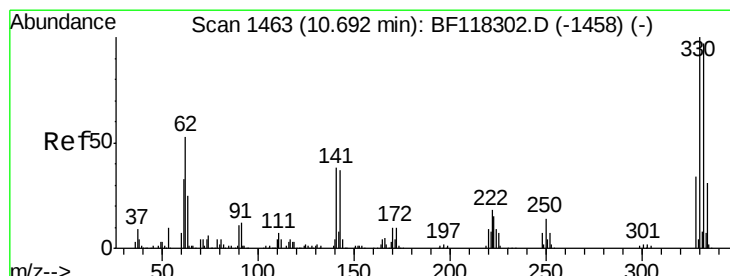
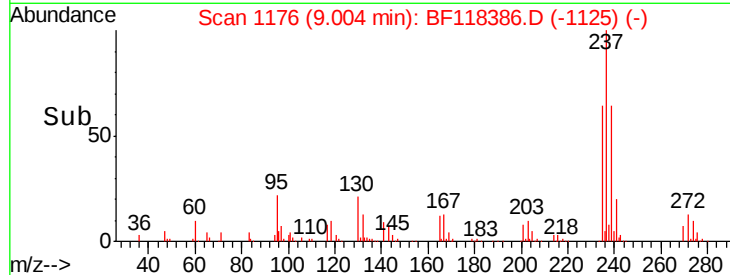
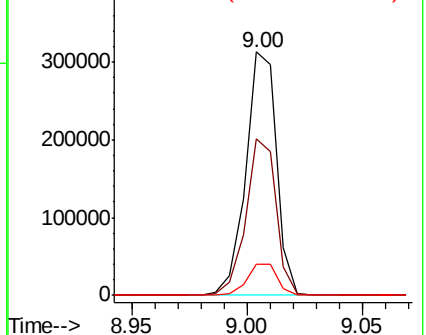
237 100

235 64.5 43.8 83.8

272 12.9 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 125.126 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

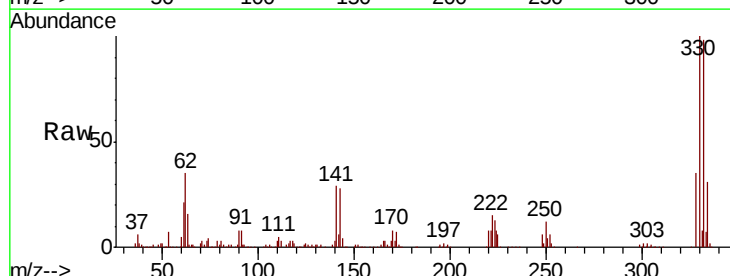
Tgt Ion:330 Resp: 490469

Ion Ratio Lower Upper

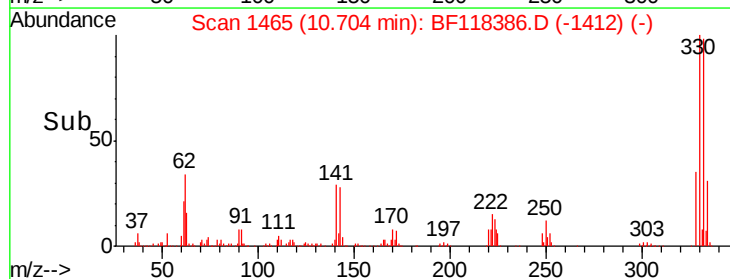
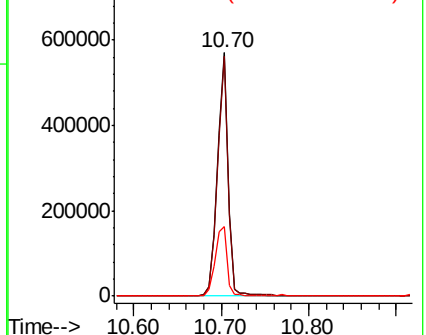
330 100

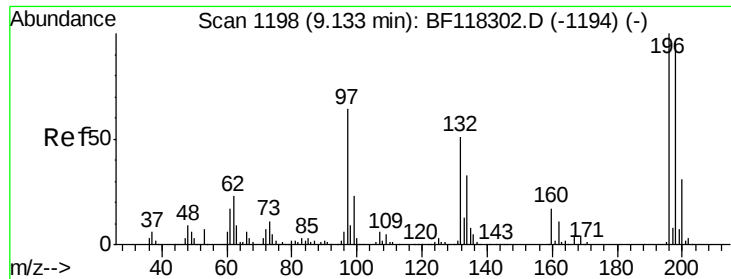
332 97.5 76.6 114.8

141 32.1 26.0 39.0



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

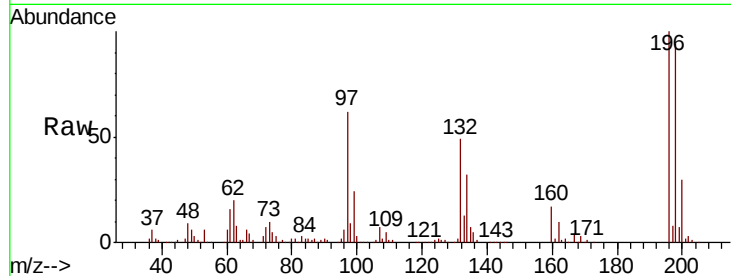




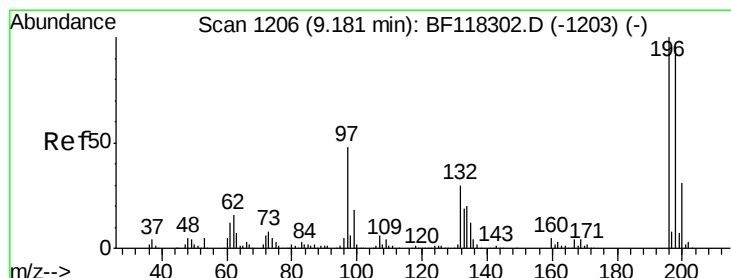
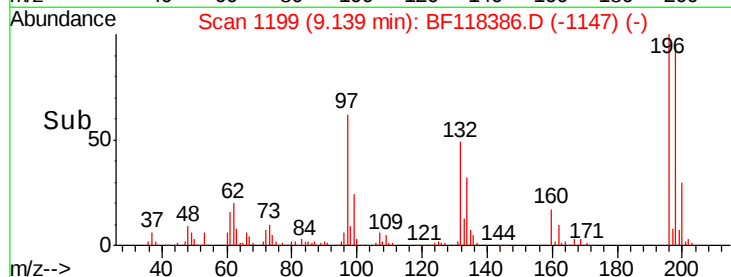
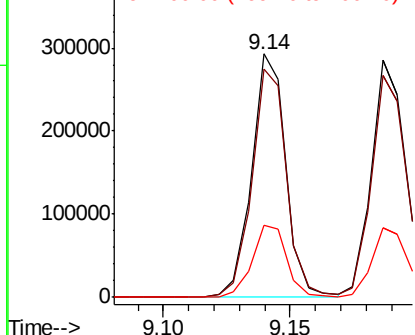
#43
 2,4,6-Trichlorophenol
 Concen: 42.924 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 273482
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.7 115.1
 200 29.6 24.8 37.2

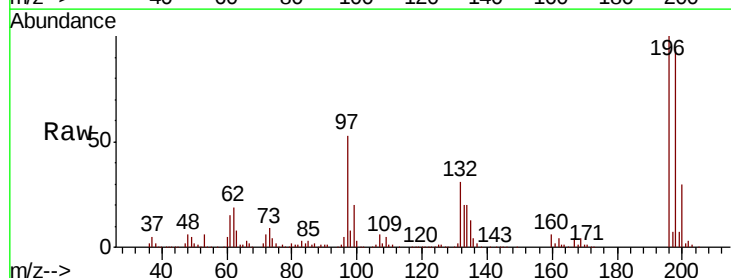


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

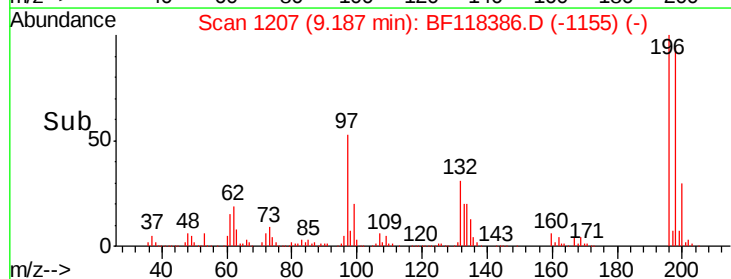
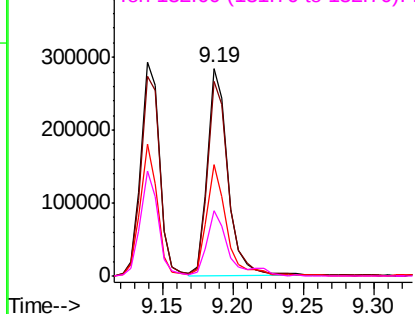


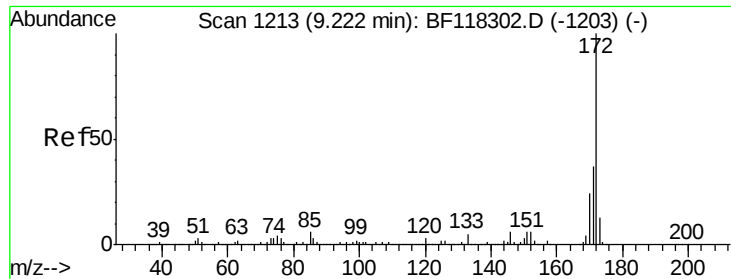
#44
 2,4,5-Trichlorophenol
 Concen: 43.921 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:196 Resp: 287864
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.0 115.4
 97 53.4 38.9 58.3
 132 31.3 23.9 35.9



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

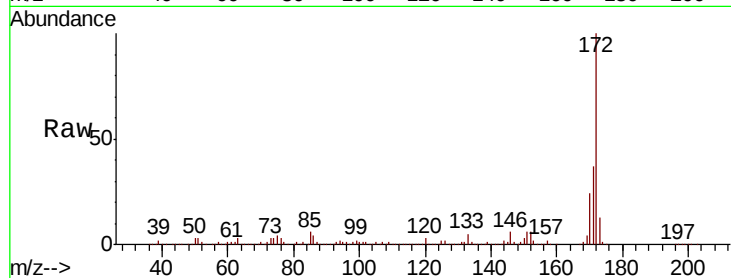




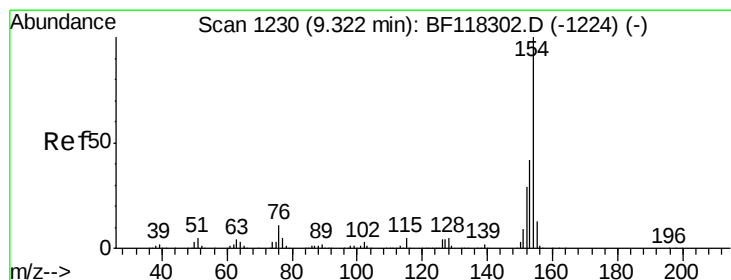
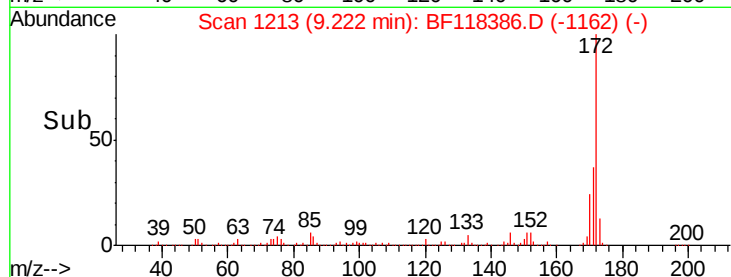
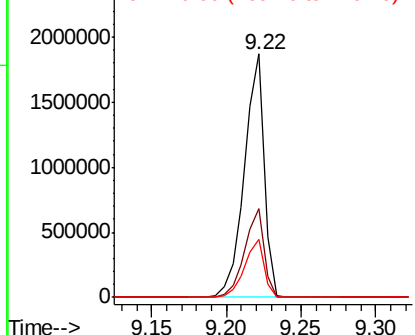
#45
2-Fluorobiphenyl
Concen: 82.773 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1721165
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.0 19.2 28.8

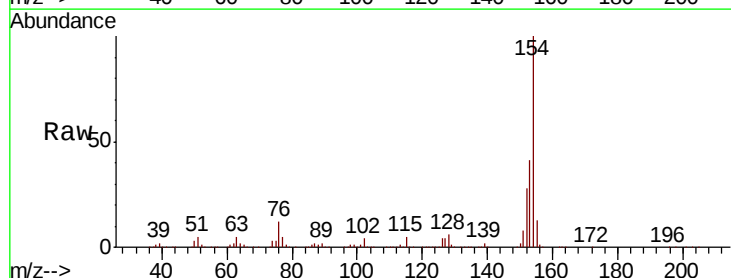


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

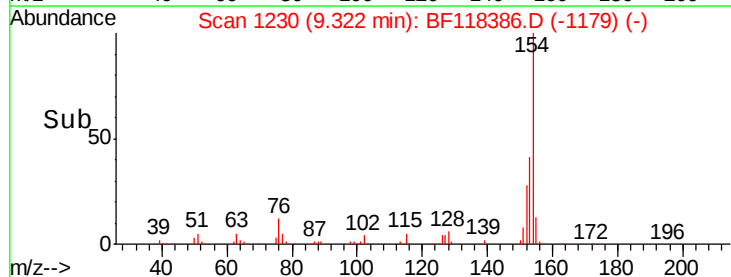
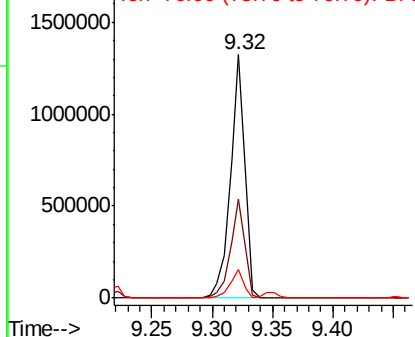


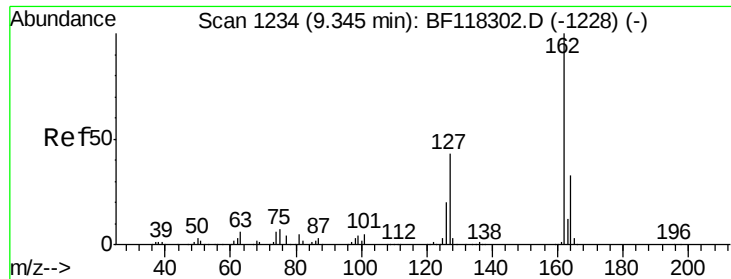
#46
1,1'-Biphenyl
Concen: 43.580 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:154 Resp: 1094101
Ion Ratio Lower Upper
154 100
153 40.9 21.8 61.8
76 11.7 0.0 30.9



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

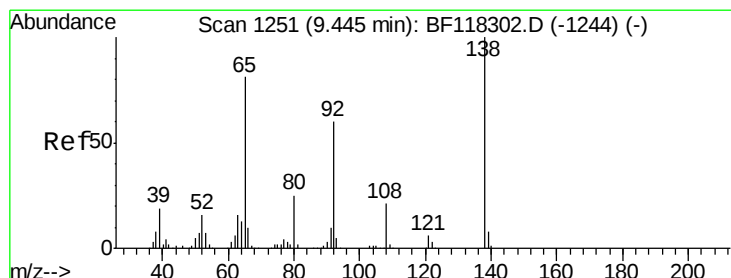
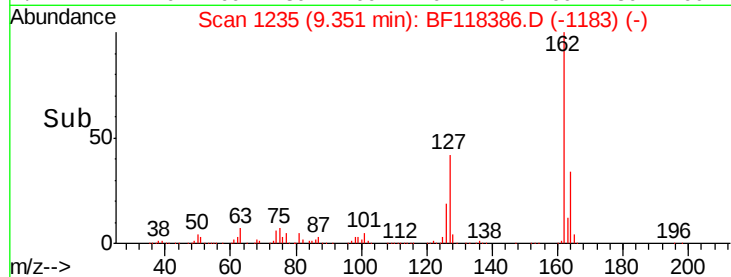
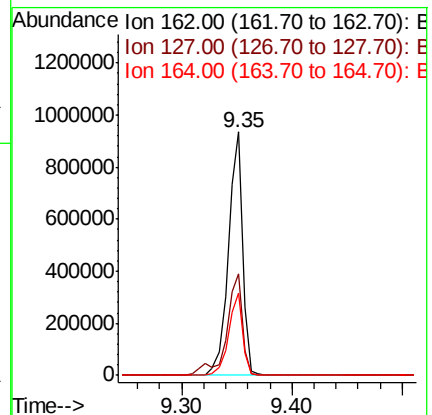
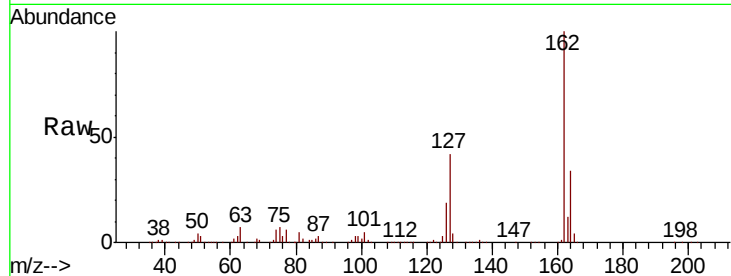




#47
 2-Chloronaphthalene
 Concen: 41.657 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

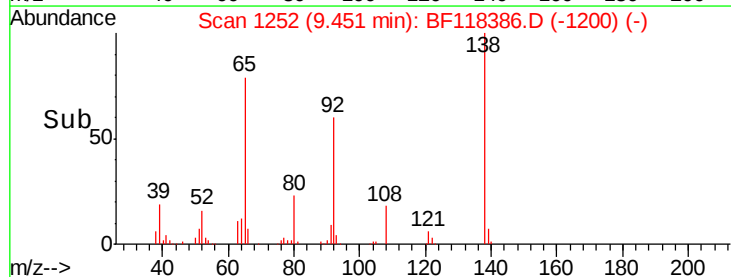
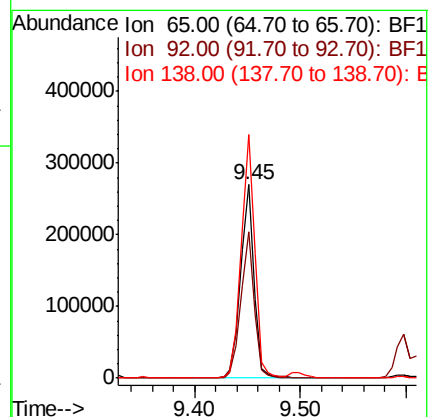
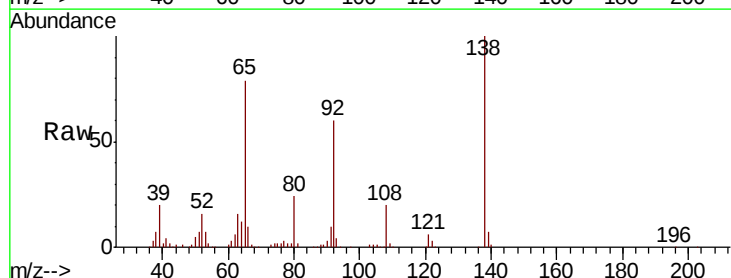
Instrument :
 BNA_F
 ClientSampleId :

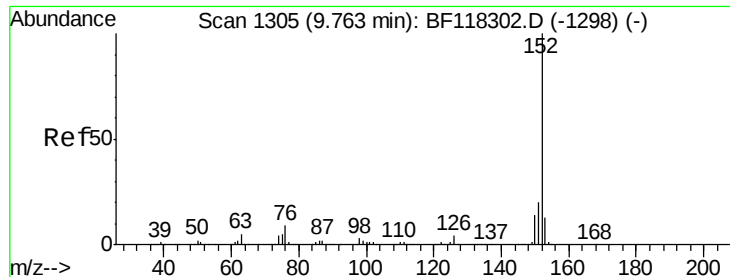
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	35.0	52.4
164	33.7	26.6	40.0



#48
 2-Nitroaniline
 Concen: 41.087 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	58.7	88.1
138	125.8	98.5	147.7





#49

Acenaphthylene

Concen: 43.978 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

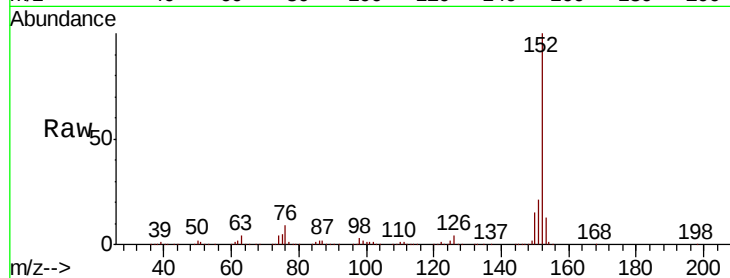
Tot Ion:152 Resp: 1317902

Ion Ratio Lower Upper

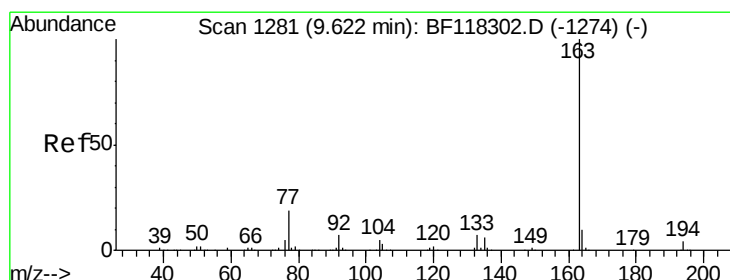
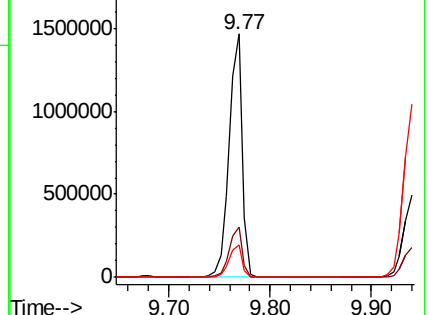
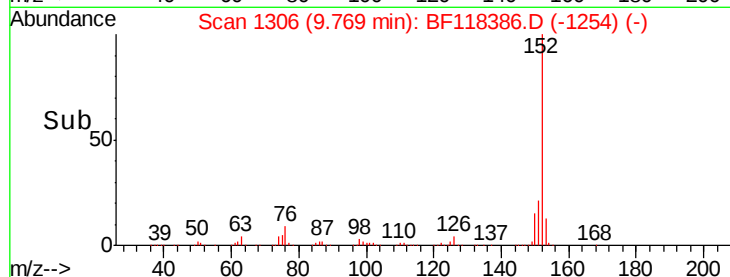
152 100

151 20.8 16.2 24.2

153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.886 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

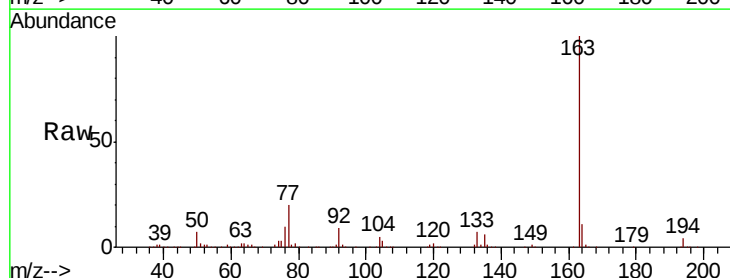
Tgt Ion:163 Resp: 1140948

Ion Ratio Lower Upper

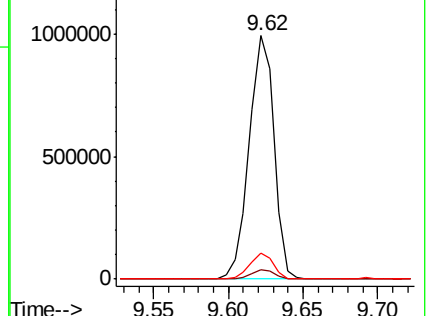
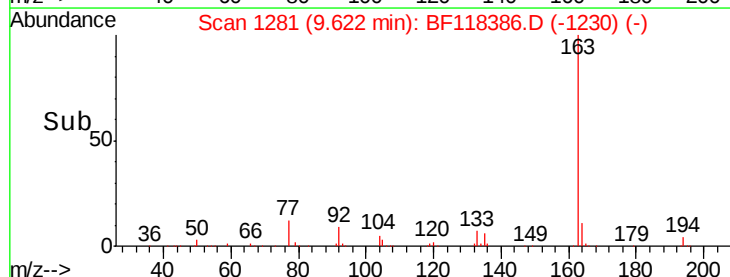
163 100

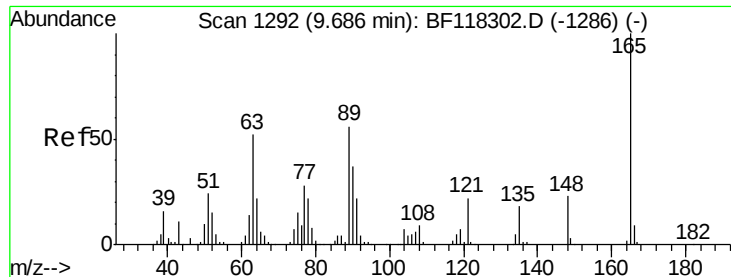
194 4.0 3.2 4.8

164 10.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

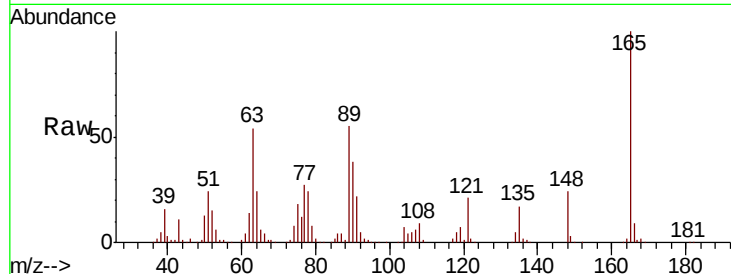




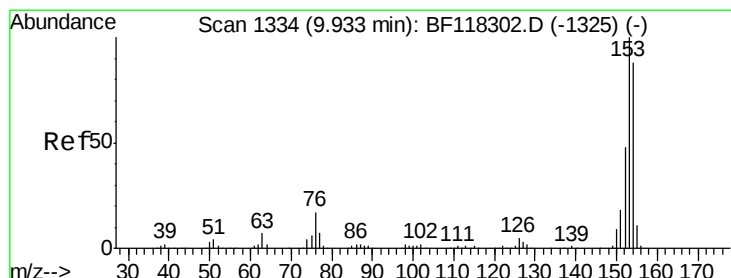
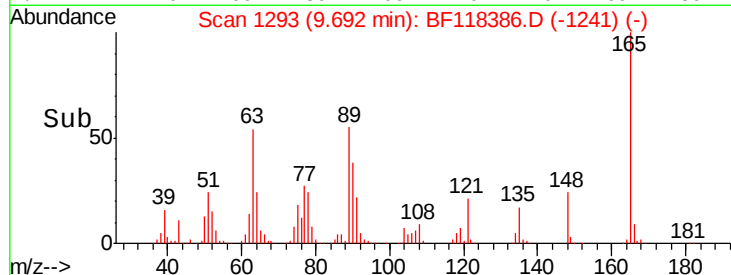
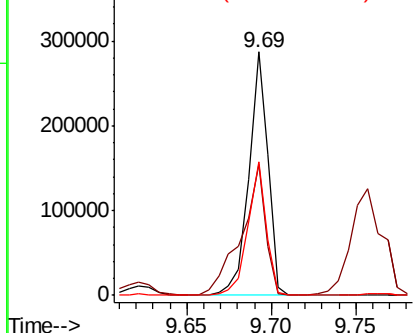
#51
 2,6-Dinitrotoluene
 Concen: 44.399 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	228067
Ion Ratio	Lower	Upper
165	100	
63	53.7	42.2 63.4
89	55.0	44.4 66.6

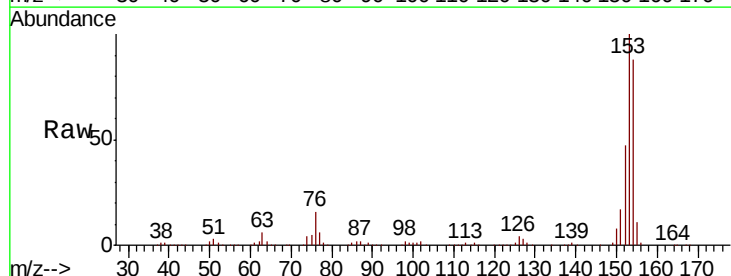


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

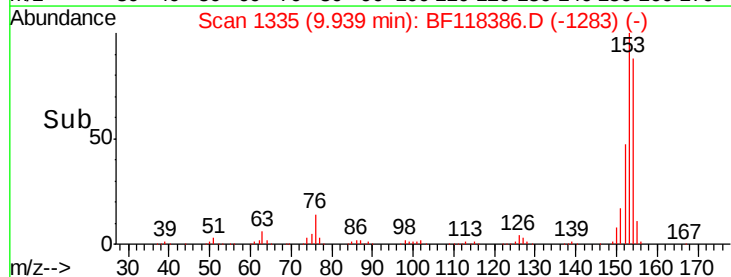
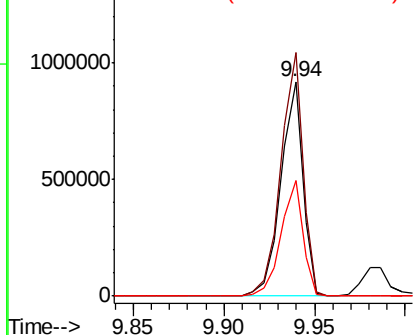


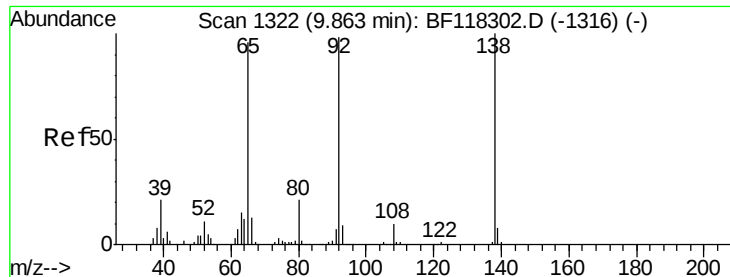
#52
 Acenaphthene
 Concen: 42.905 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:154	Resp:	783162
Ion Ratio	Lower	Upper
154	100	
153	113.7	90.6 136.0
152	54.0	43.1 64.7



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

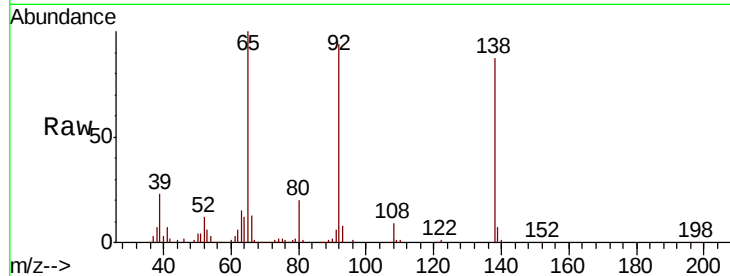




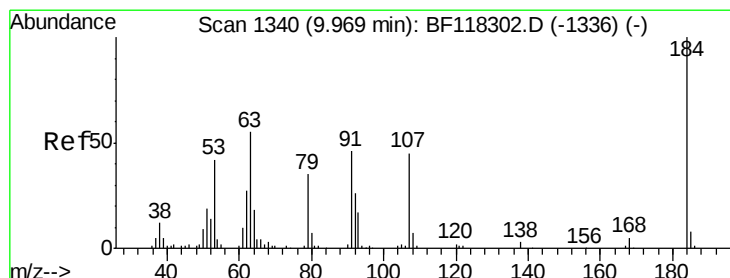
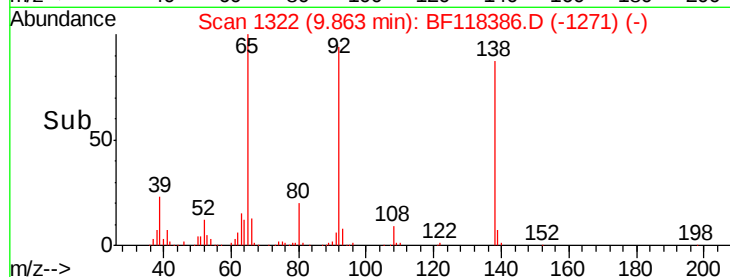
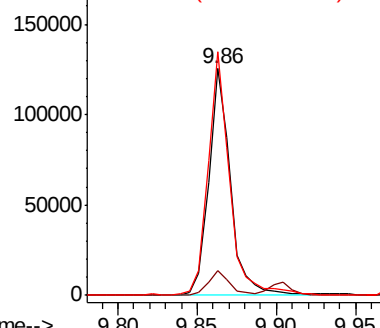
#53
3-Nitroaniline
Concen: 19.748 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 119061
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.8
92 107.5 78.2 117.2

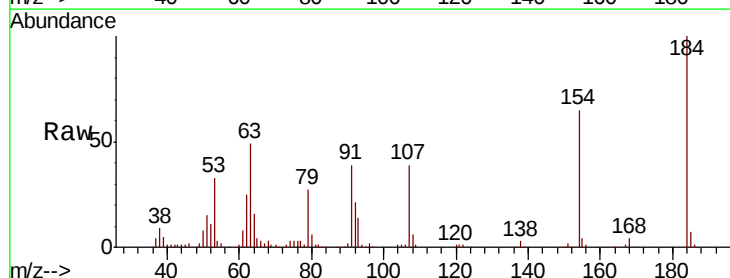


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

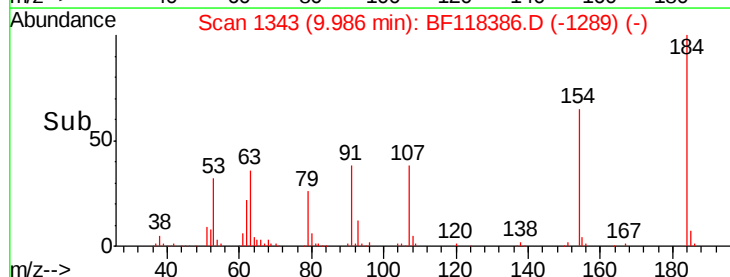
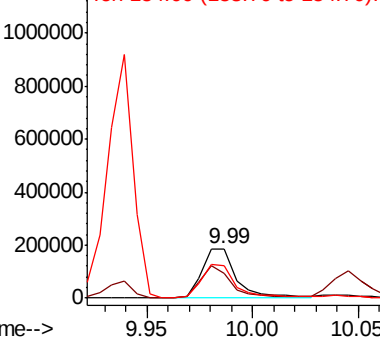


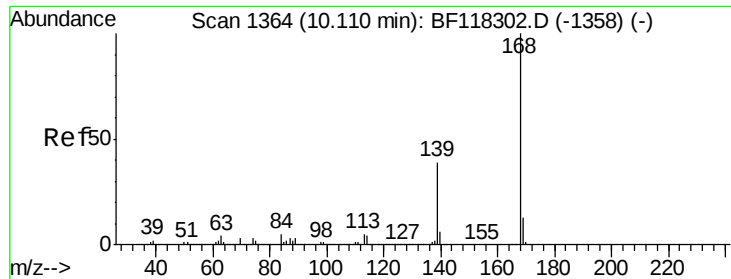
#54
2,4-Dinitrophenol
Concen: 81.961 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:184 Resp: 212629
Ion Ratio Lower Upper
184 100
63 48.8 48.8 73.2
154 64.7 55.0 82.4



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

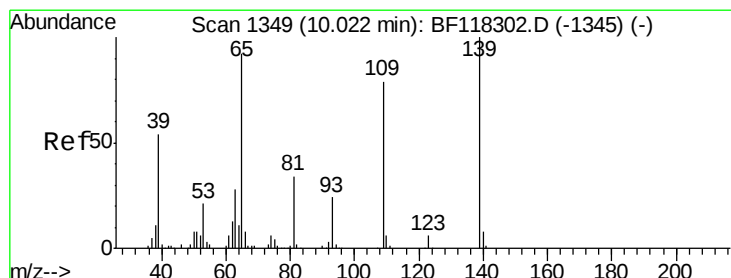
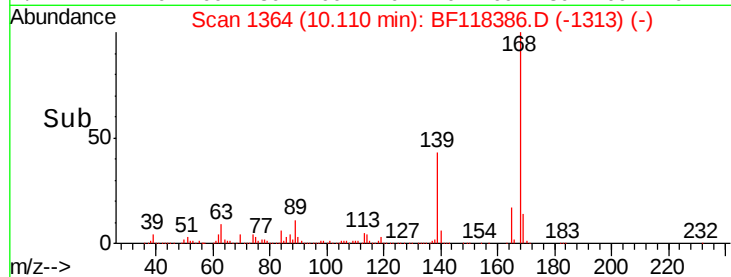
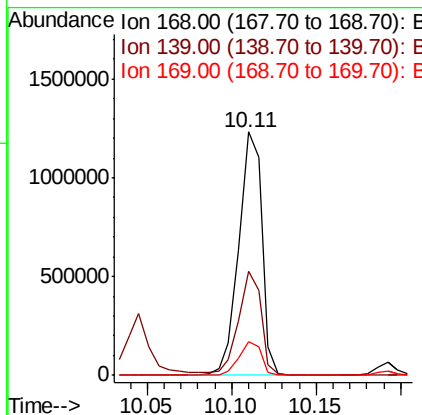
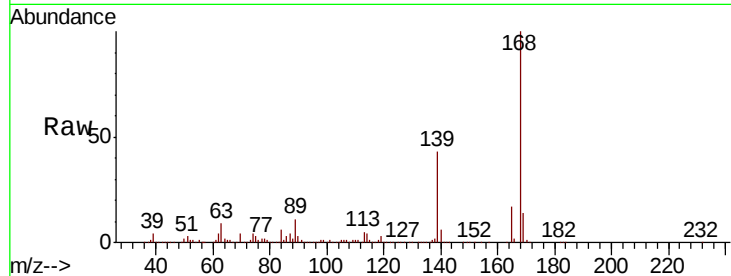




#55
Dibenzofuran
Concen: 43.680 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

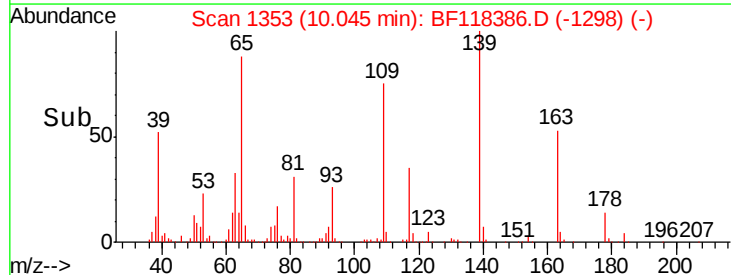
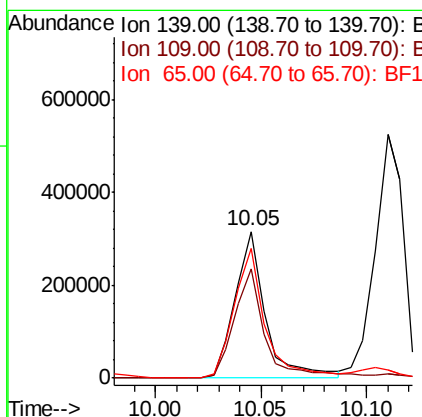
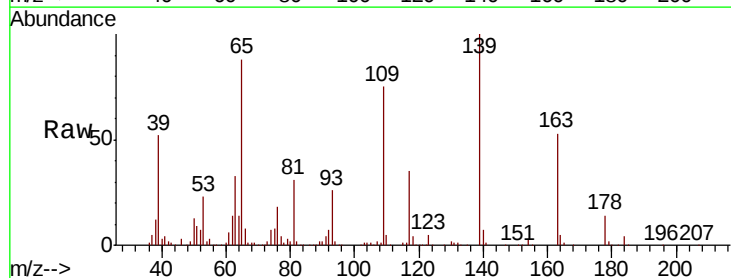
Instrument :
BNA_F
ClientSampleId :

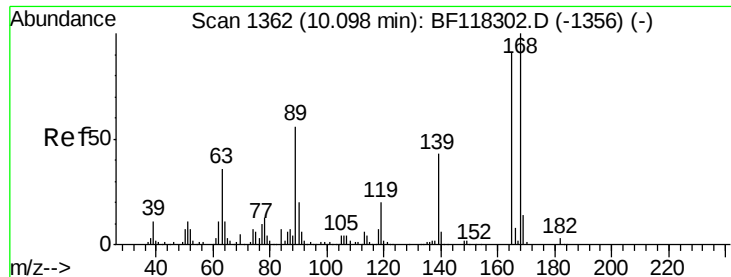
Tot Ion:168 Resp: 1178100
Ion Ratio Lower Upper
168 100
139 42.6 31.5 47.3
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 85.034 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:139 Resp: 316491
Ion Ratio Lower Upper
139 100
109 74.7 59.3 99.3
65 88.2 72.4 112.4





#57

2,4-Dinitrotoluene

Concen: 45.233 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 310471

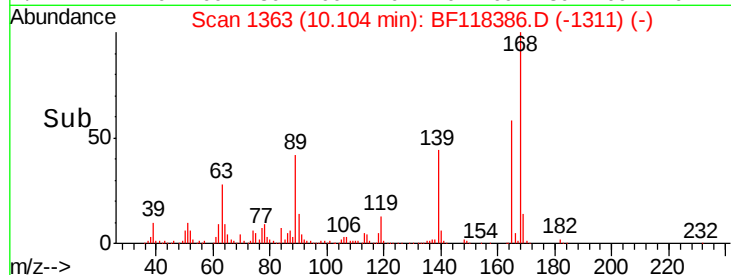
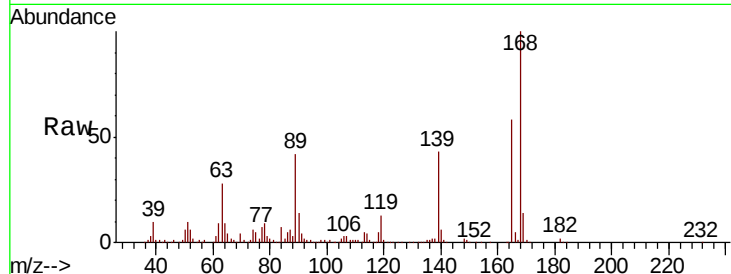
Ion Ratio Lower Upper

165 100

63 48.4 32.0 48.0#

89 72.4 49.3 73.9

182 2.7 2.4 3.6

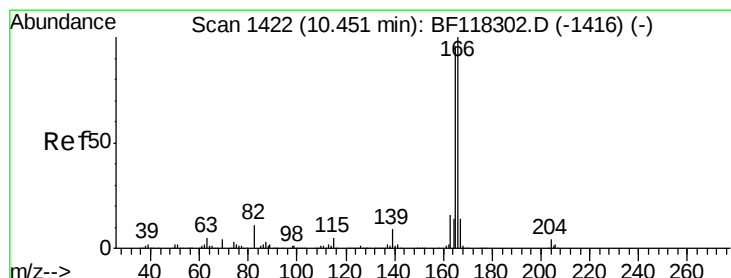
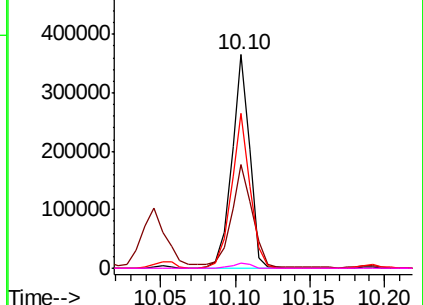


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.493 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

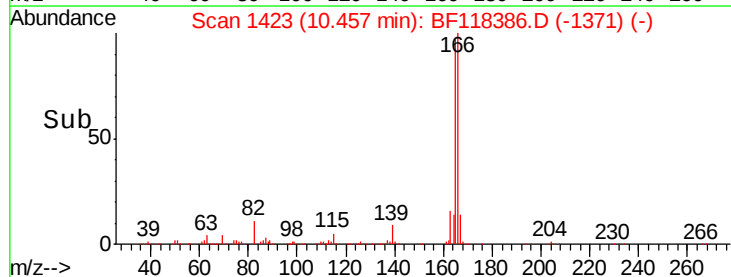
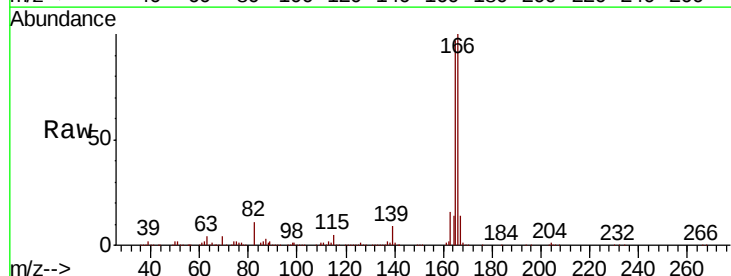
Tgt Ion:166 Resp: 946952

Ion Ratio Lower Upper

166 100

165 97.2 77.0 115.4

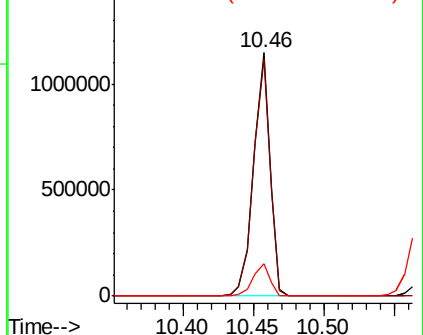
167 13.5 10.9 16.3

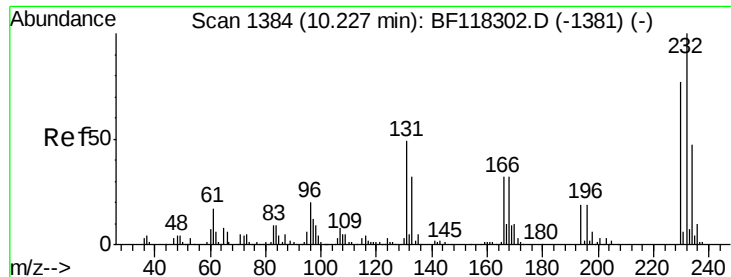


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

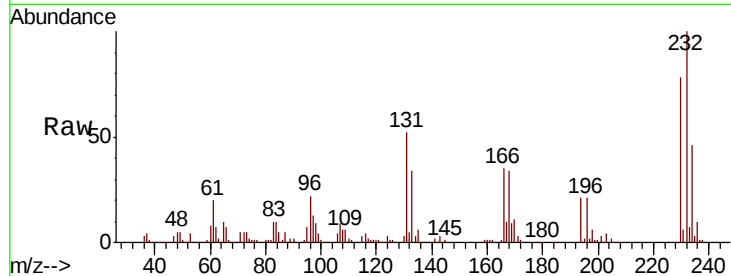




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.702 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.7	56.5
130	2.6	2.0	3.0
166	32.2	24.7	37.1



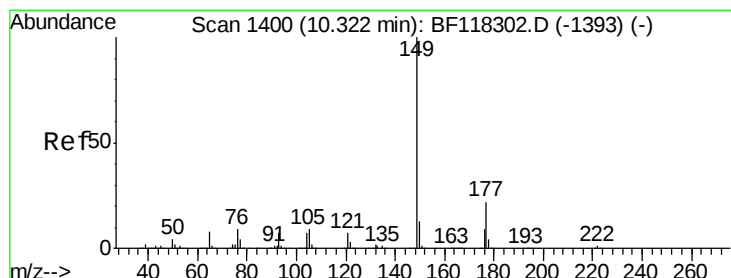
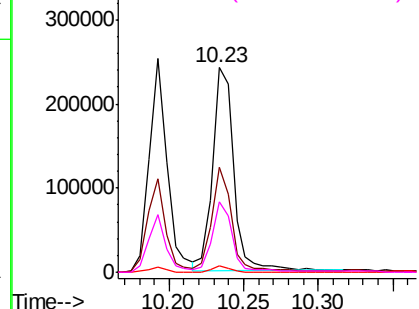
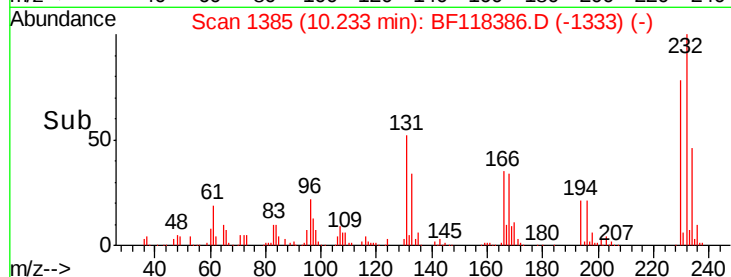
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

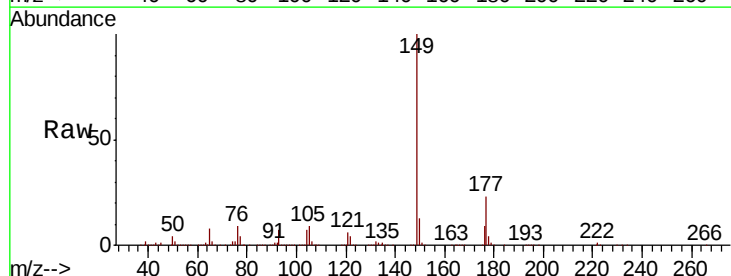
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.892 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.9	26.9
150	12.7	10.2	15.2

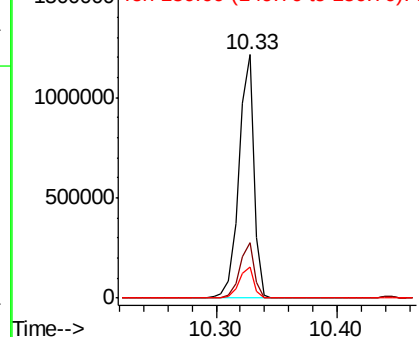
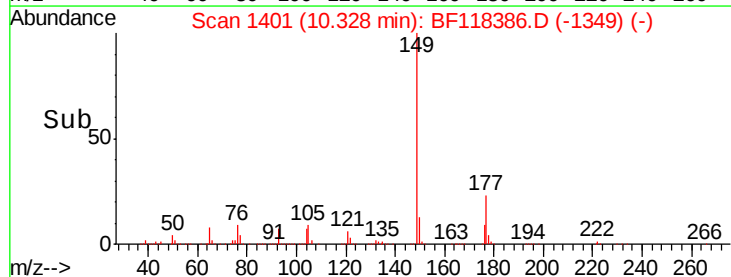


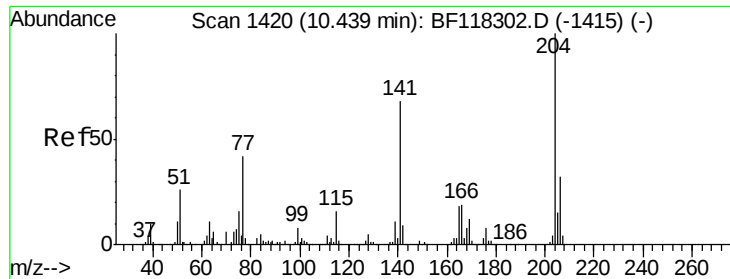
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

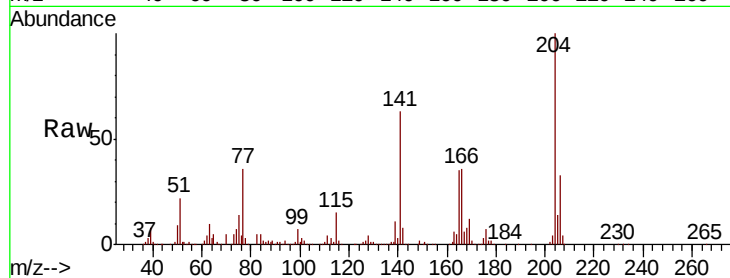




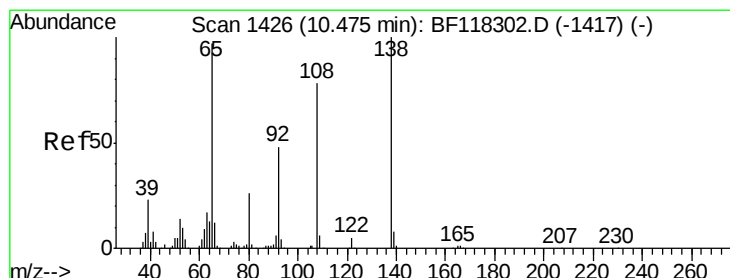
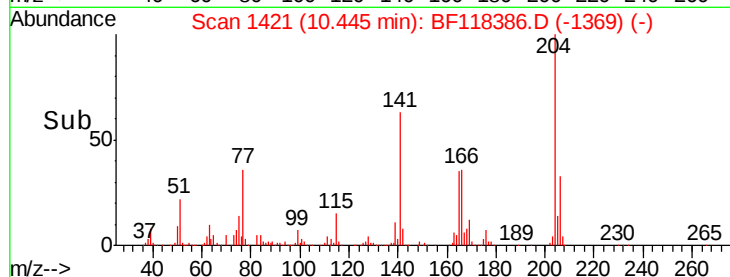
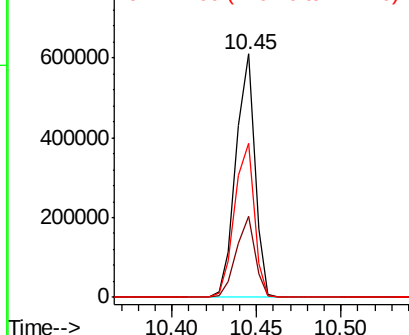
#61
 4-Chlorophenyl-phenylether
 Concen: 43.956 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 477746
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.8 38.8
 141 63.4 54.2 81.4

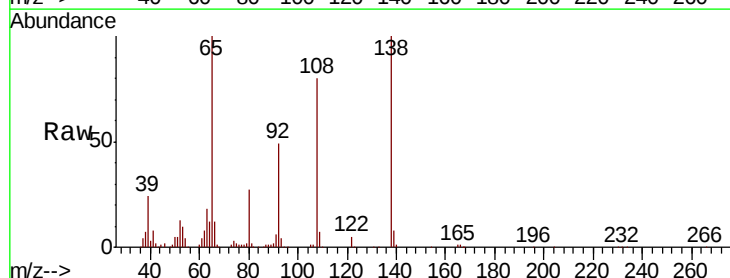


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

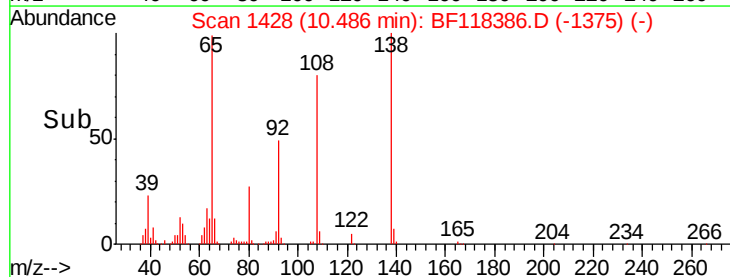
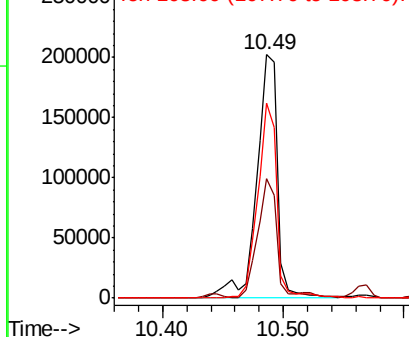


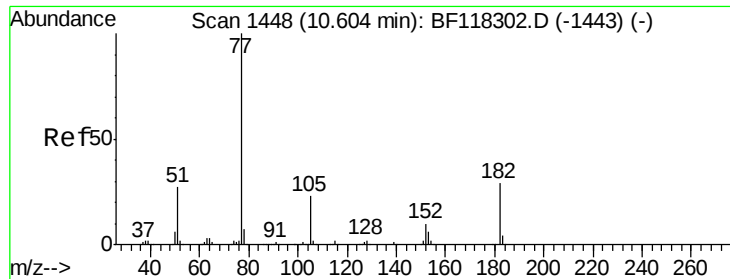
#62
 4-Nitroaniline
 Concen: 39.007 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:138 Resp: 244312
 Ion Ratio Lower Upper
 138 100
 92 49.3 27.9 67.9
 108 80.2 58.1 98.1



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

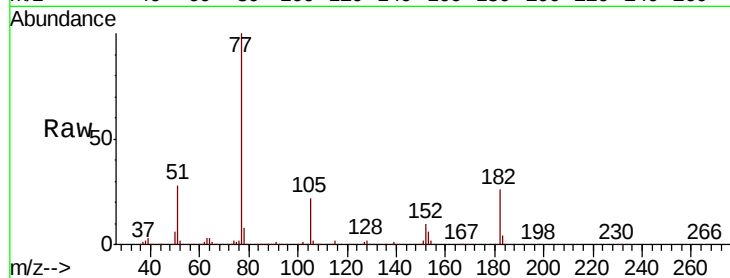




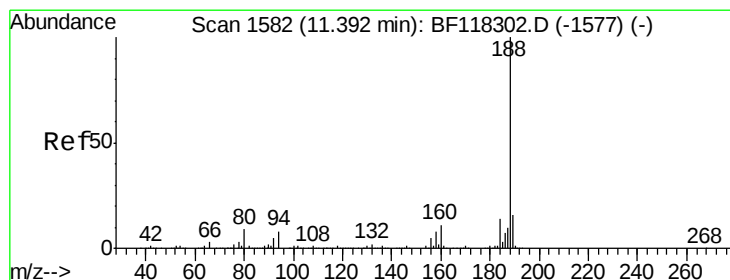
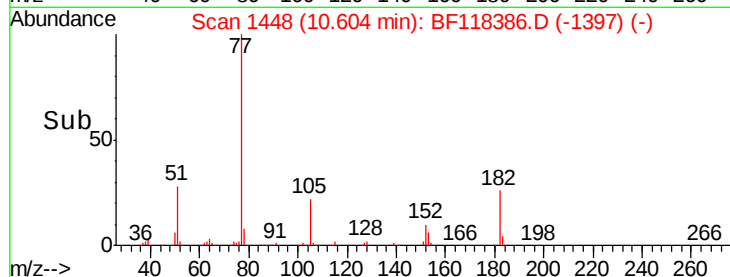
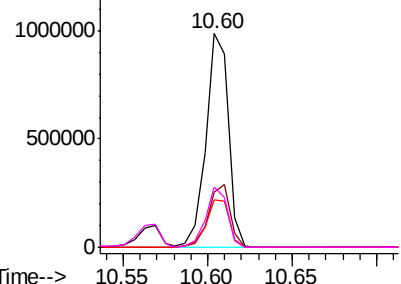
#63
Azobenzene
Concen: 45.030 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	909149
Ion	Ratio	Lower	Upper
77	100		
182	25.6	9.2	49.2
105	22.1	3.2	43.2
51	28.2	7.1	47.1

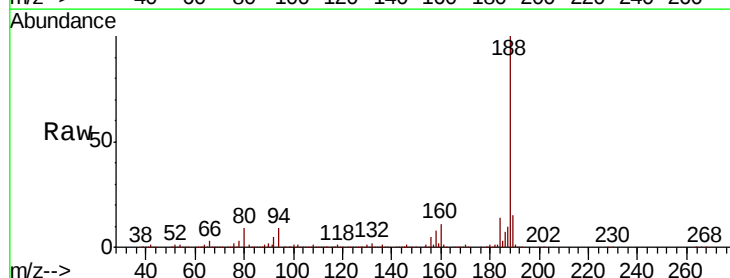


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

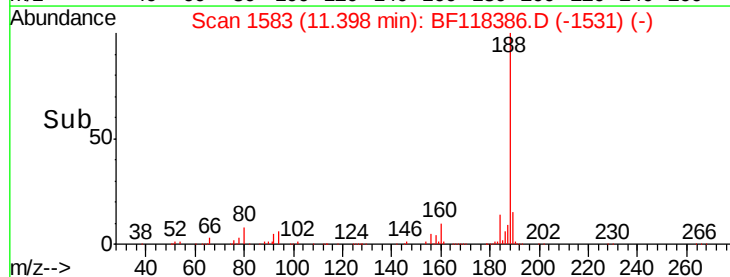
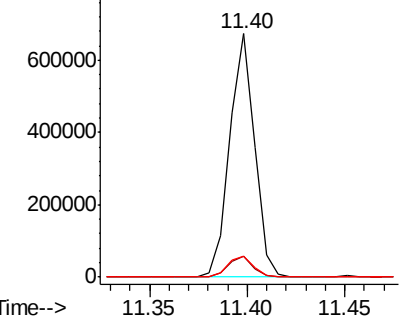


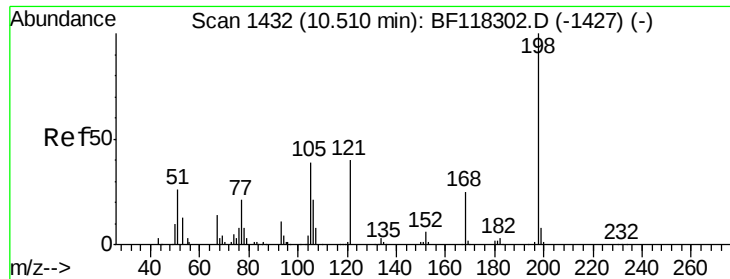
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:	188	Resp:	595409
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.6	7.2	10.8



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

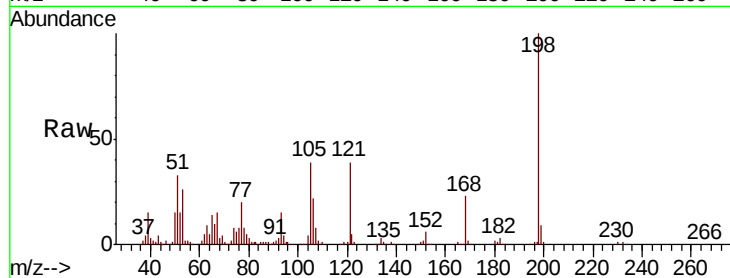




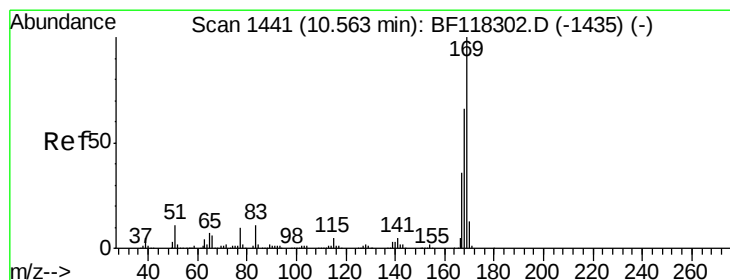
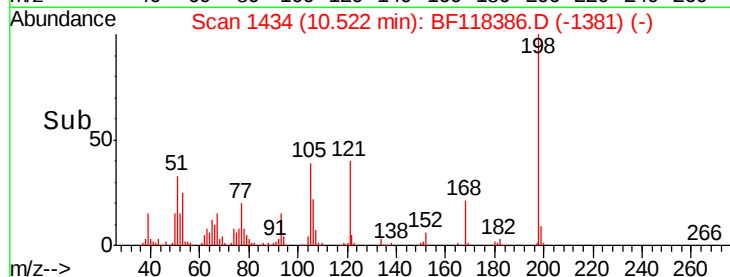
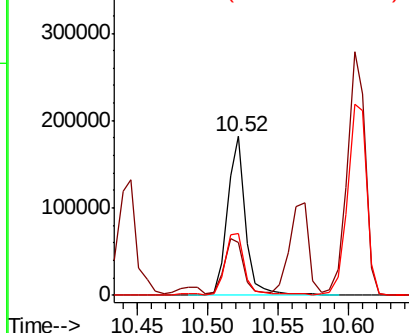
#65
4,6-Dinitro-2-methylphenol
Concen: 50.194 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.4	12.8	52.8
105	38.9	20.3	60.3

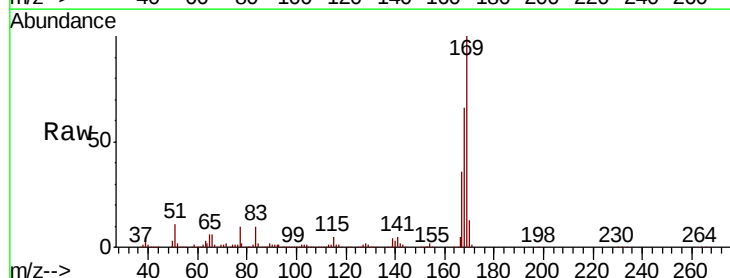


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

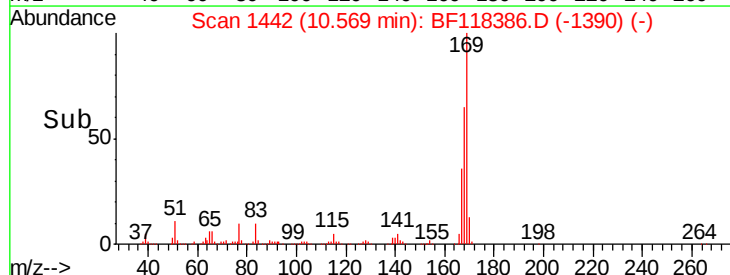
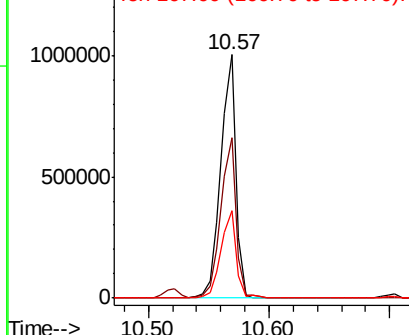


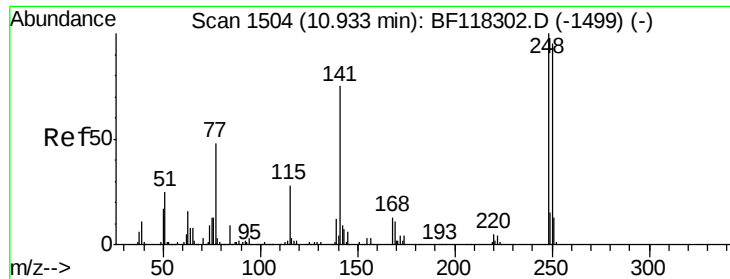
#66
n-Nitrosodiphenylamine
Concen: 45.238 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.6	79.0
167	35.8	28.4	42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

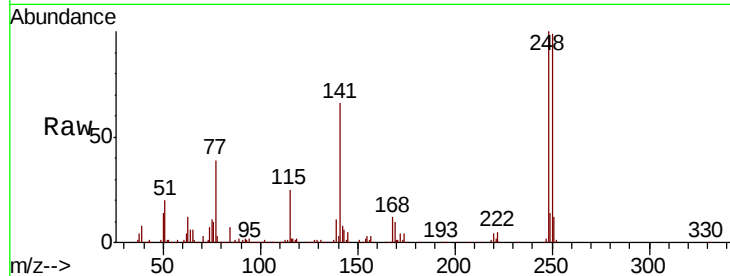




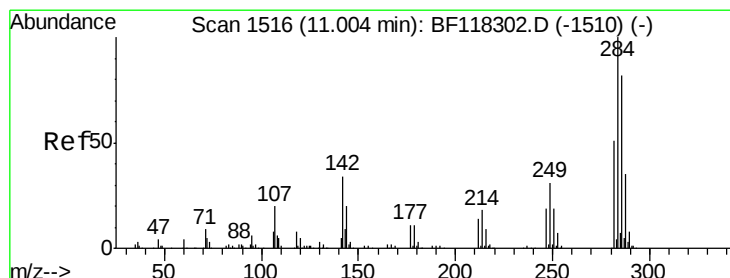
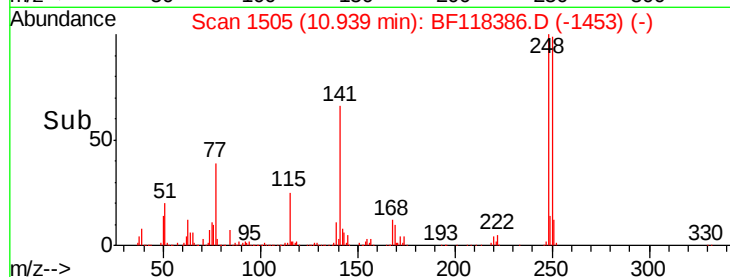
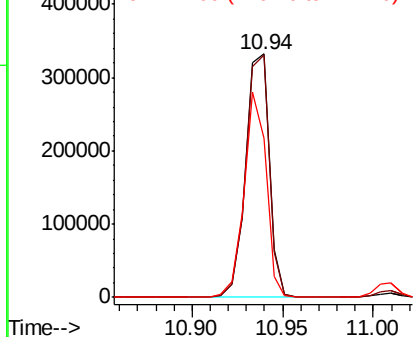
#67
4-Bromophenyl-phenylether
Concen: 43.349 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 302058
Ion Ratio Lower Upper
248 100
250 99.5 76.4 114.6
141 65.6 60.2 90.2

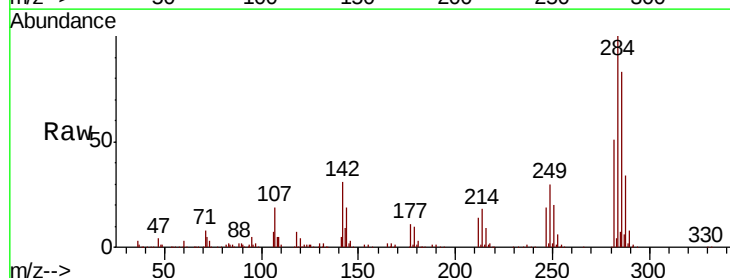


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

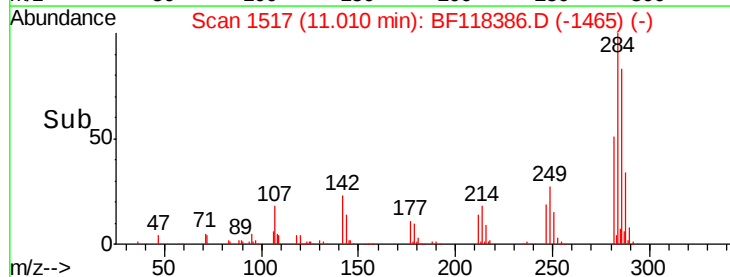
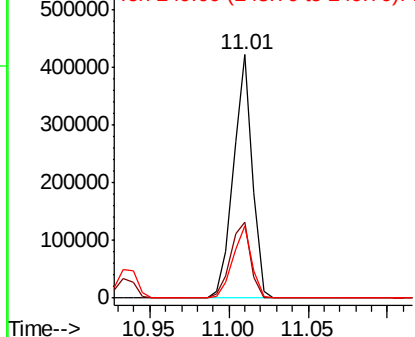


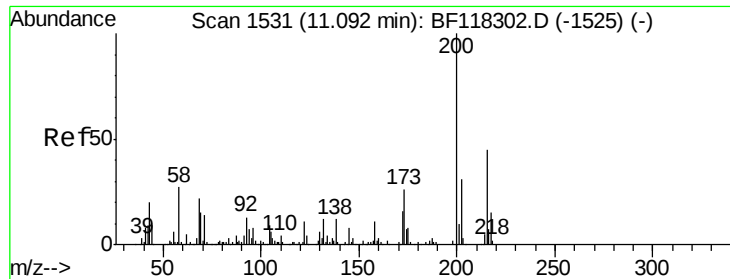
#68
Hexachlorobenzene
Concen: 42.370 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:284 Resp: 347516
Ion Ratio Lower Upper
284 100
142 31.2 27.3 40.9
249 29.7 25.0 37.6



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

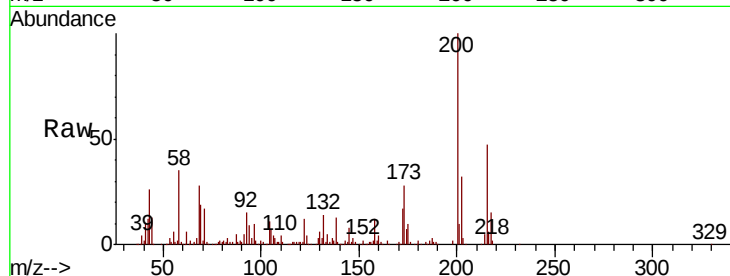




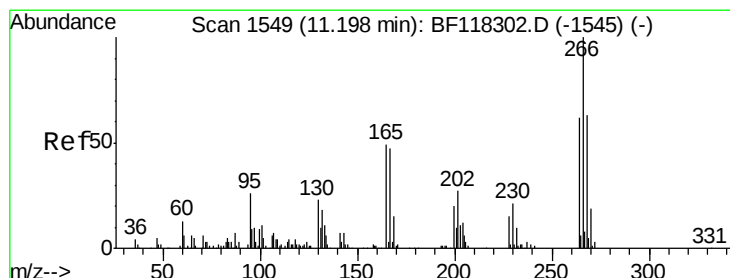
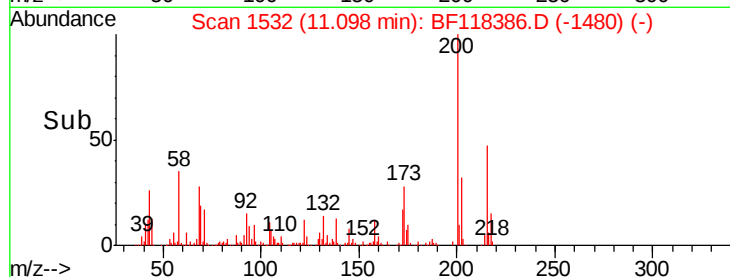
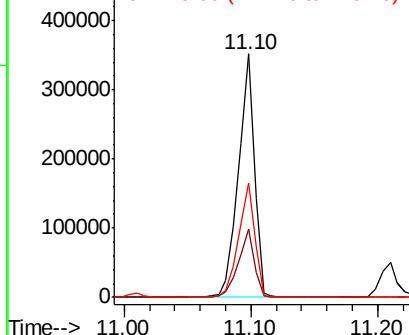
#69
Atrazine
Concen: 51.868 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	5.8	45.8
215	47.1	25.1	65.1

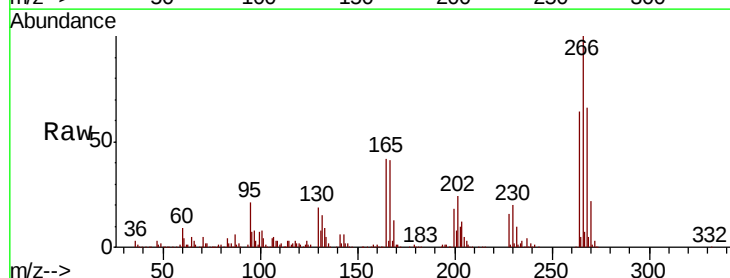


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

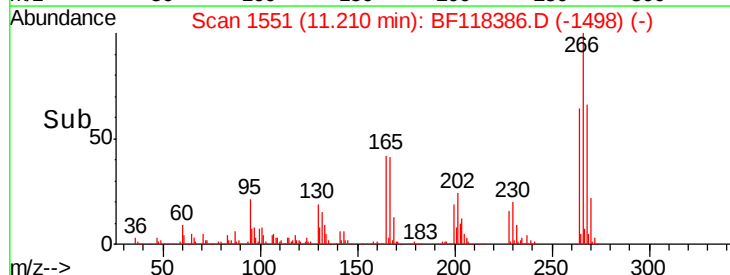
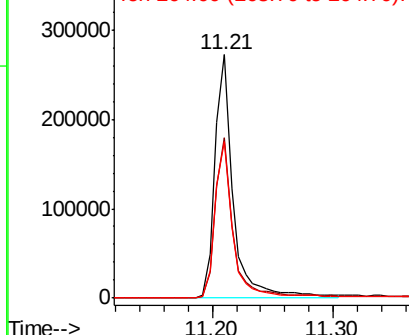


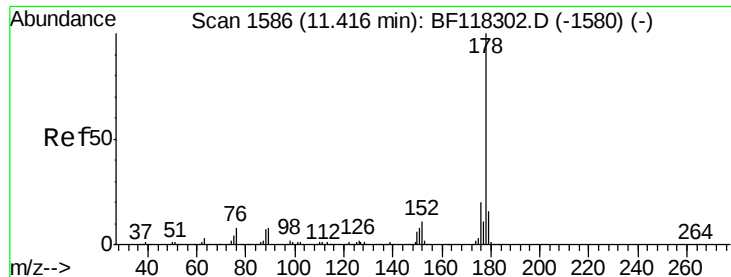
#70
Pentachlorophenol
Concen: 80.233 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	50.6	76.0
264	64.2	49.9	74.9



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

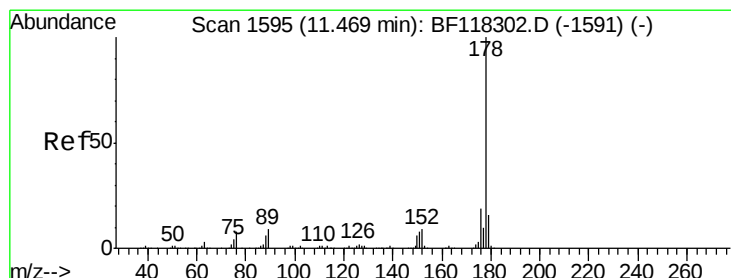
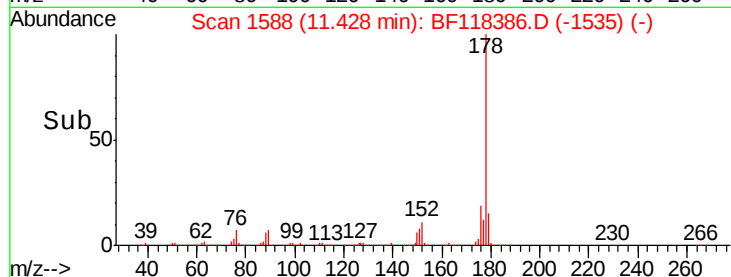
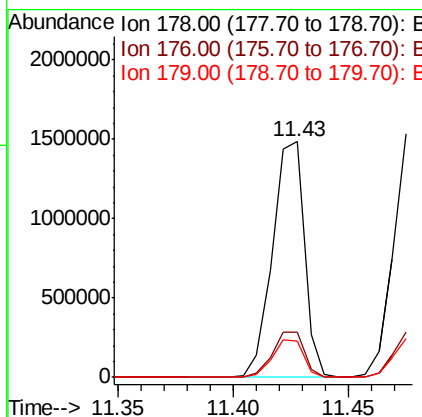
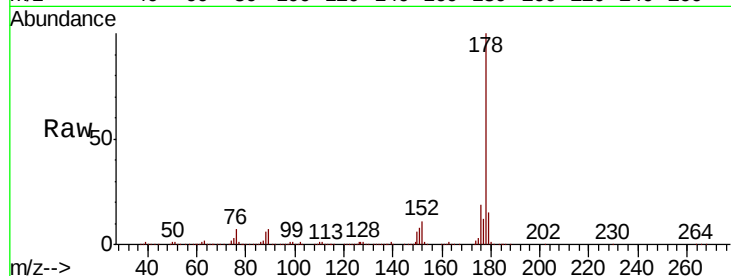




#71
Phenanthrene
Concen: 43.943 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

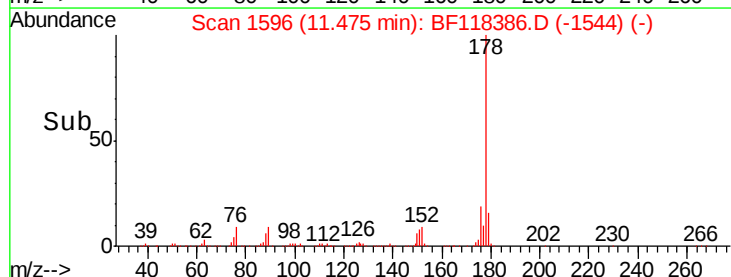
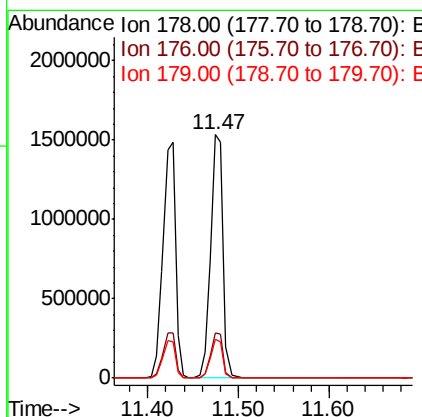
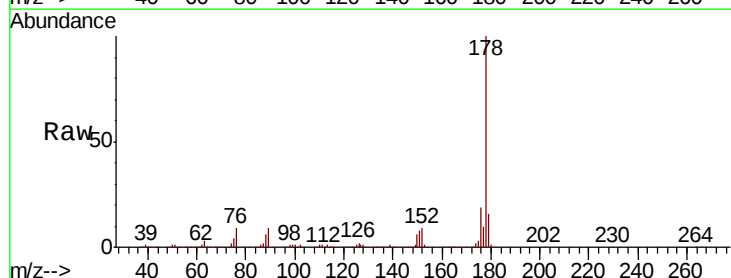
Instrument :
BNA_F
ClientSampleId :

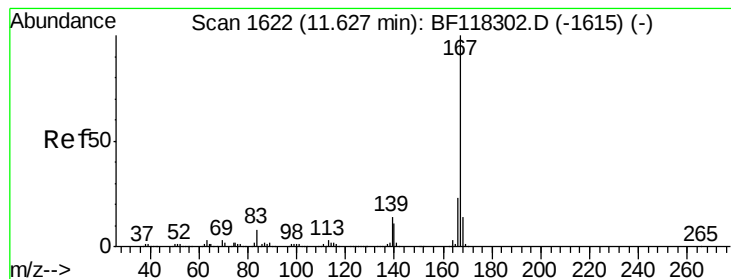
Tot Ion:178 Resp: 1426344
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 45.681 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:178 Resp: 1484128
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 16.0 12.9 19.3





#73

Carbazole

Concen: 43.972 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

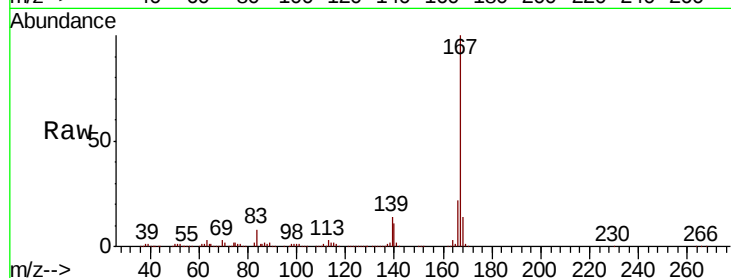
Tot Ion:167 Resp: 1267667

Ion Ratio Lower Upper

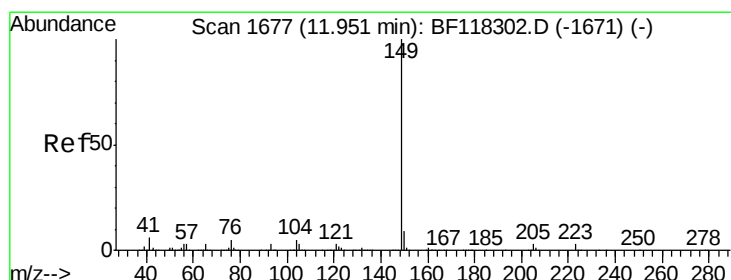
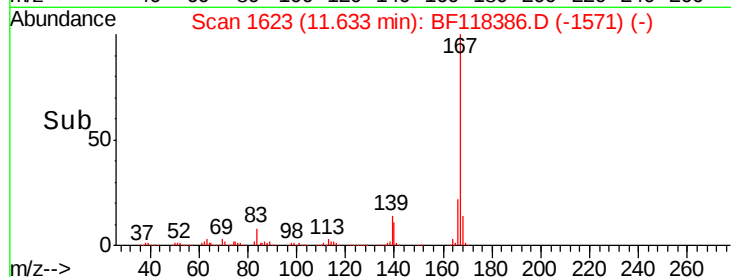
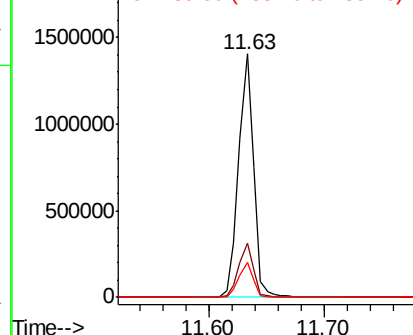
167 100

166 22.1 18.1 27.1

139 14.3 11.5 17.3



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



#74

Di-n-butylphthalate

Concen: 47.917 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

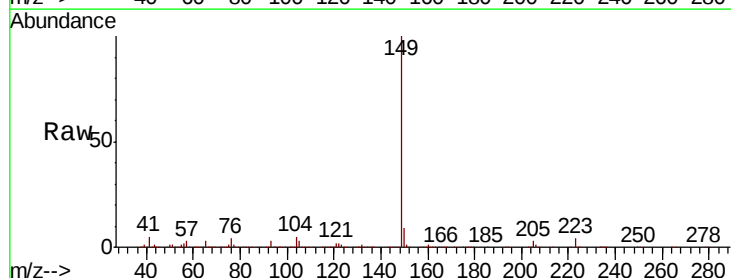
Tgt Ion:149 Resp: 1751536

Ion Ratio Lower Upper

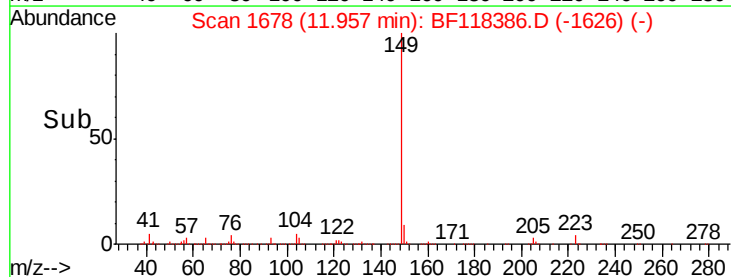
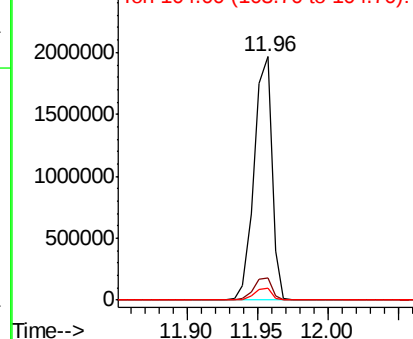
149 100

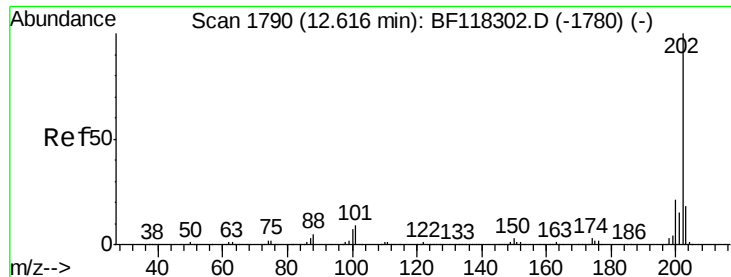
150 9.4 7.5 11.3

104 4.8 4.0 6.0



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

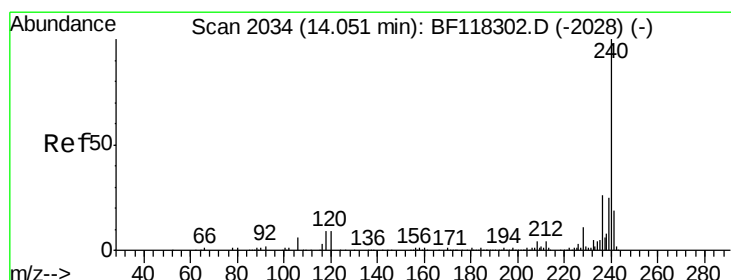
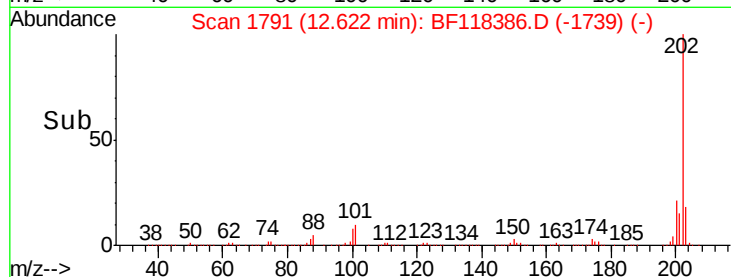
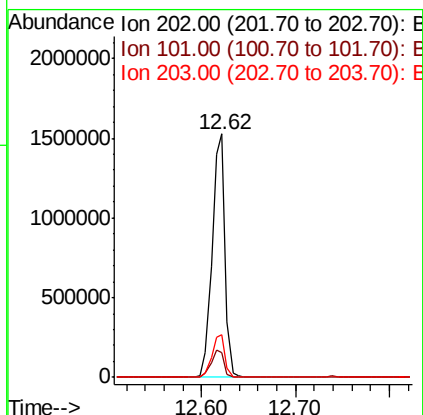
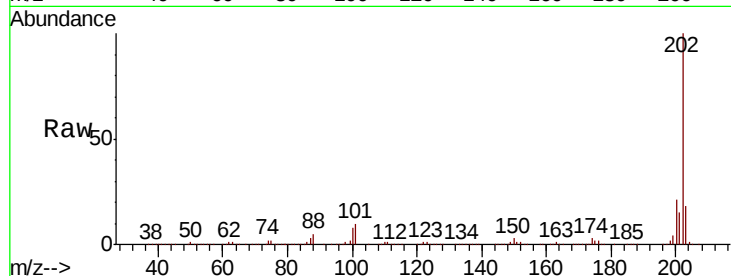




#75
Fluoranthene
Concen: 45.269 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

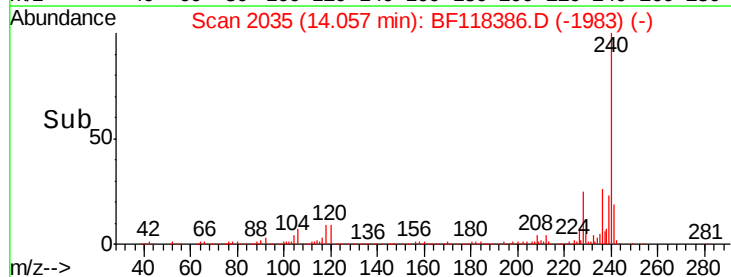
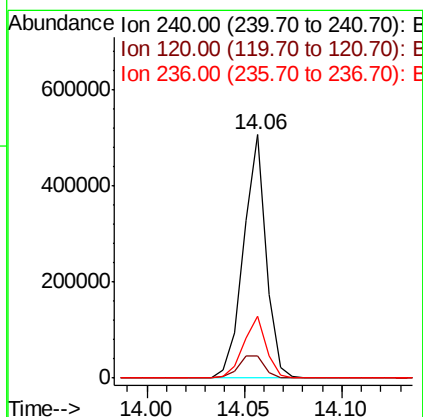
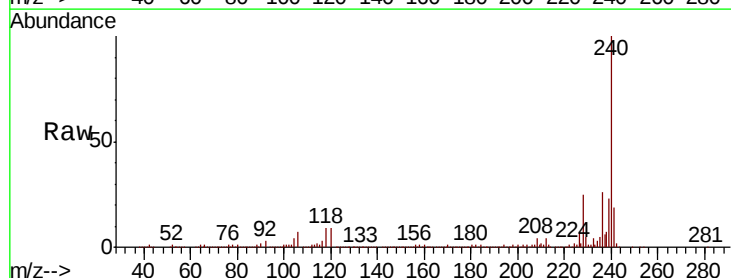
Instrument :
BNA_F
ClientSampleId :

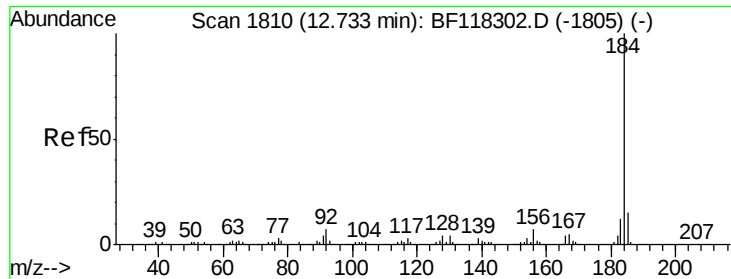
Tot Ion:202 Resp: 1482904
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.5
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:240 Resp: 405781
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.6 21.0 31.6





#77

Benzidine

Concen: 66.418 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

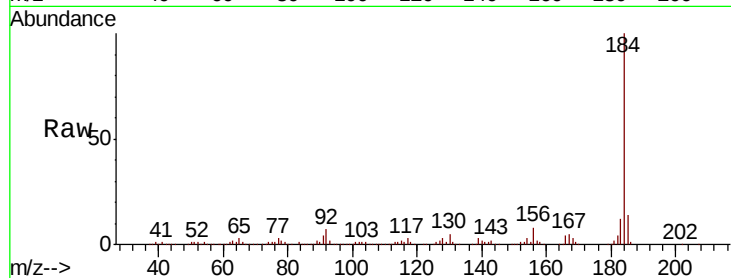
Tot Ion:184 Resp: 738475

Ion Ratio Lower Upper

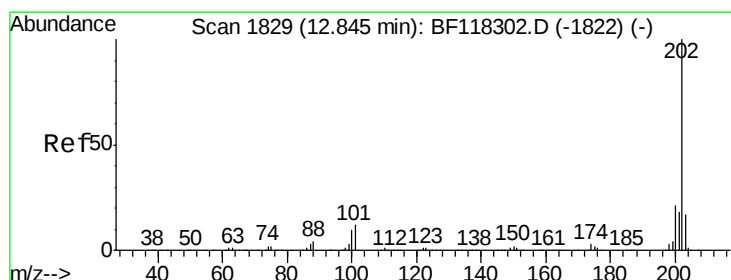
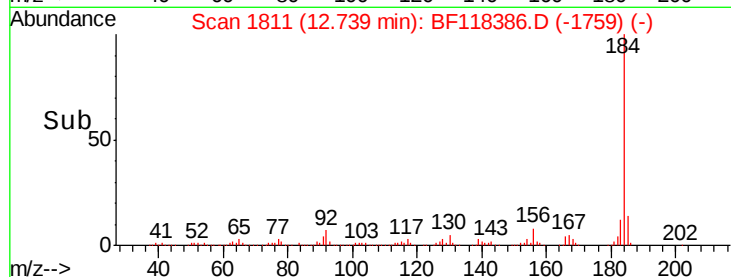
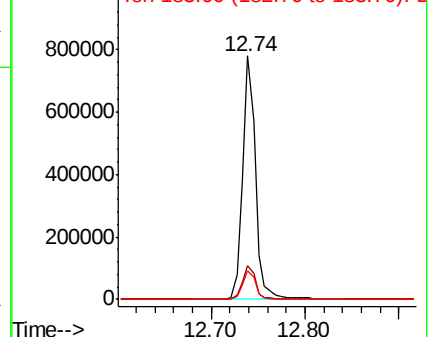
184 100

185 13.7 12.3 18.5

183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.148 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

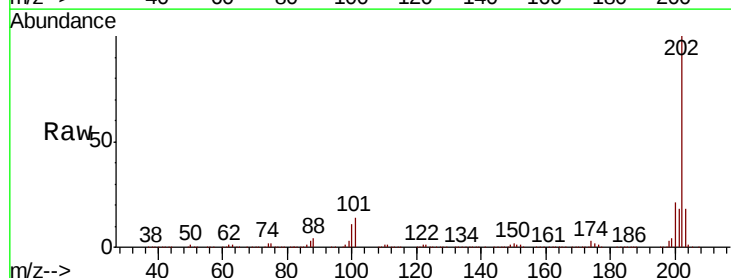
Tgt Ion:202 Resp: 1462907

Ion Ratio Lower Upper

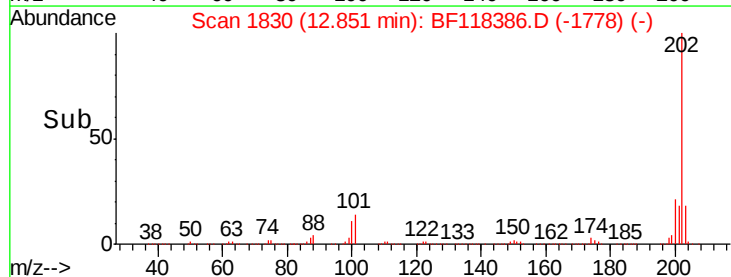
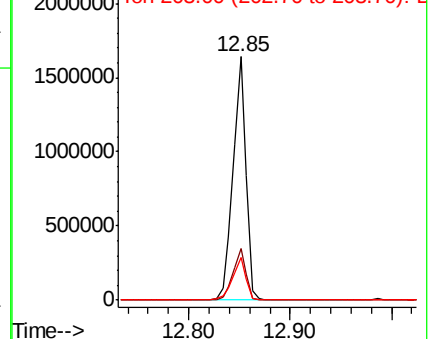
202 100

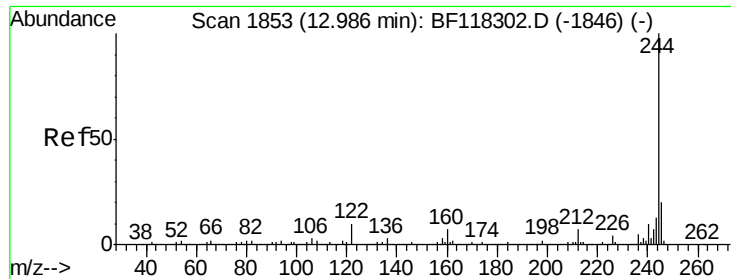
200 21.1 16.8 25.2

203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.685 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

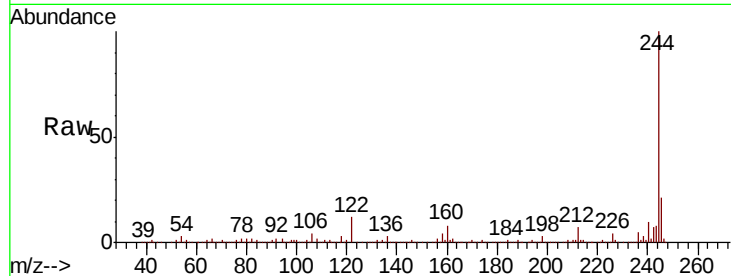
Tot Ion:244 Resp: 2169129

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

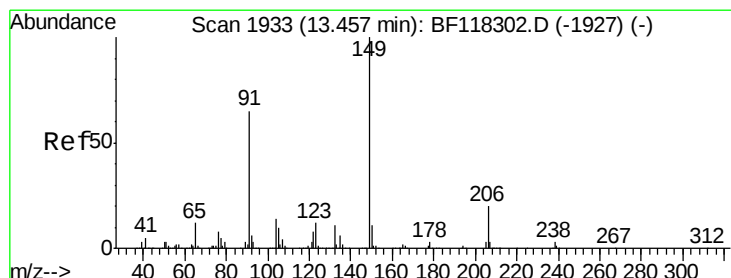
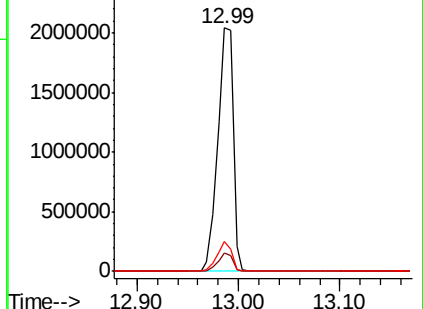
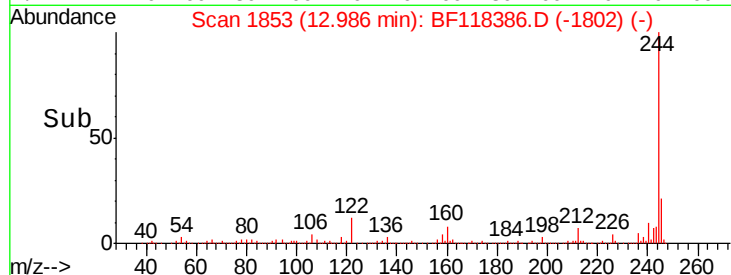
122 12.5 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.569 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

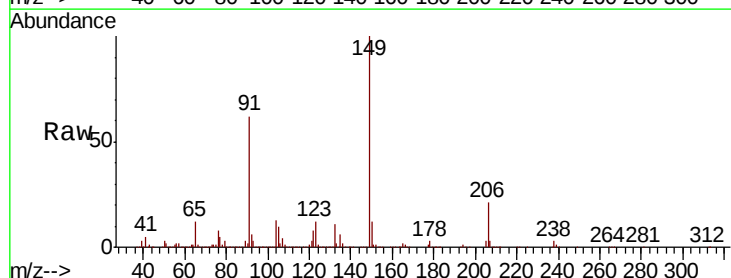
Tgt Ion:149 Resp: 724650

Ion Ratio Lower Upper

149 100

91 61.9 51.8 77.6

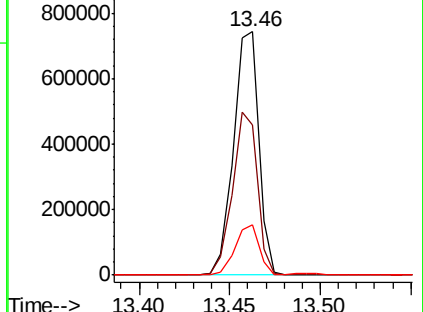
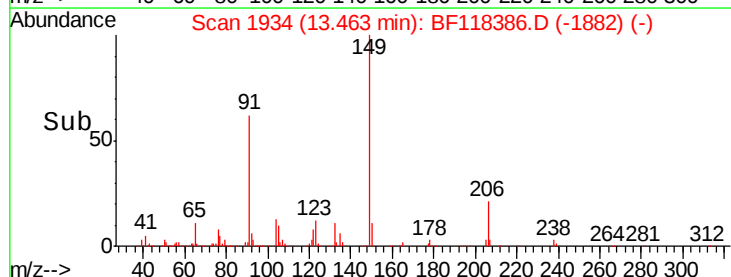
206 20.8 15.7 23.5

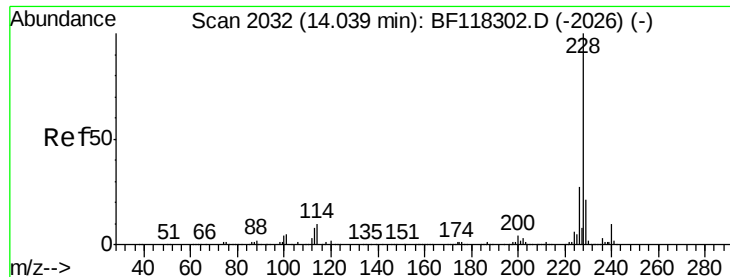


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.865 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

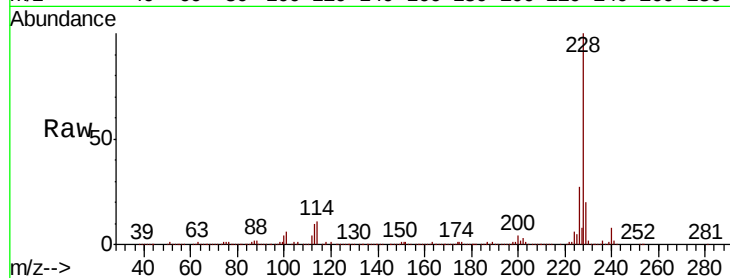
Tot Ion:228 Resp: 1245925

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

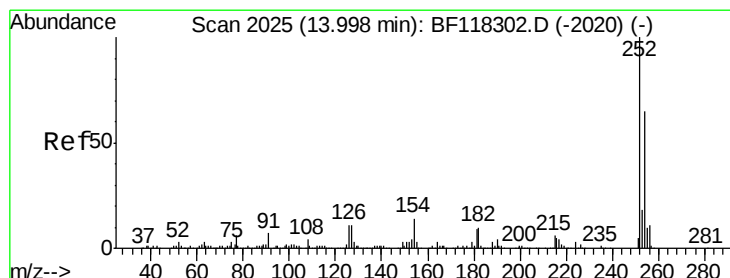
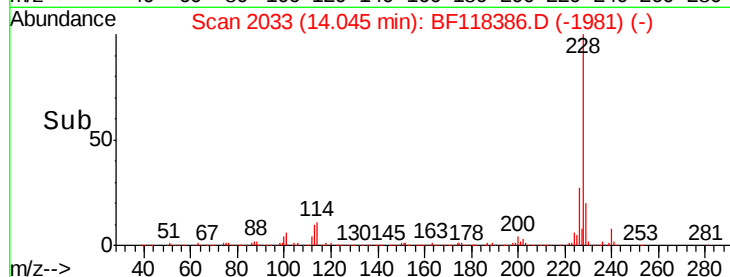
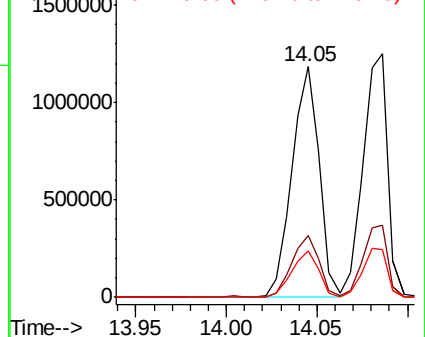
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.569 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

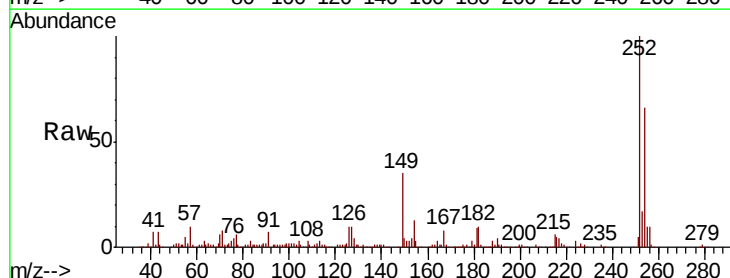
Tgt Ion:252 Resp: 284757

Ion Ratio Lower Upper

252 100

254 66.0 51.8 77.8

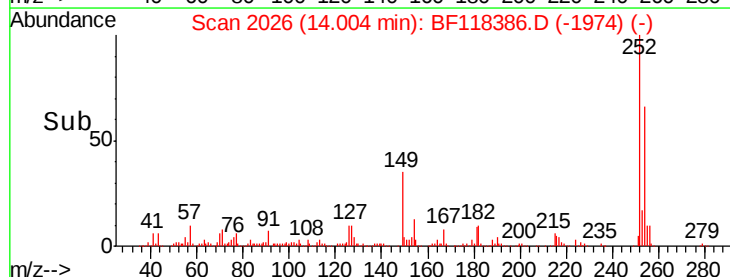
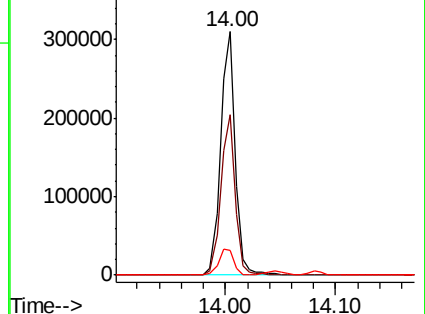
126 10.3 8.7 13.1

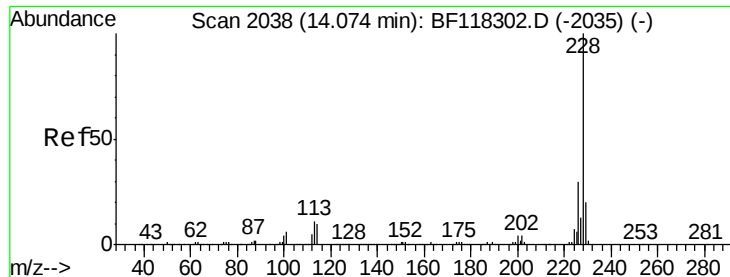


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

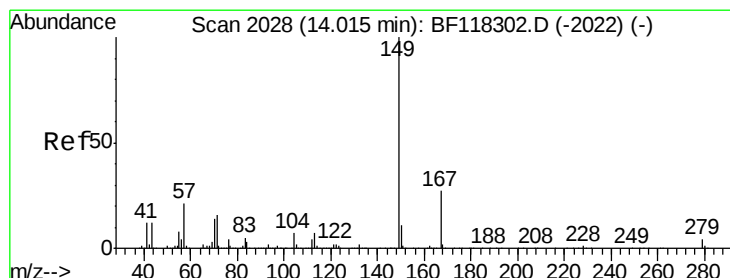
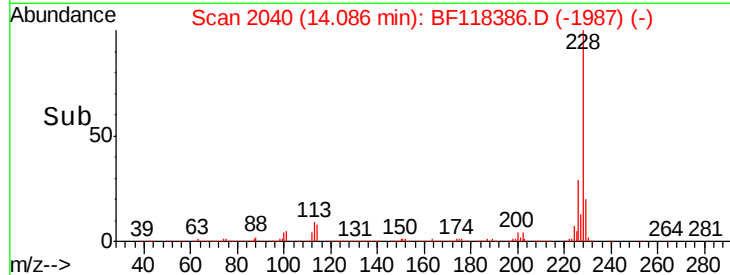
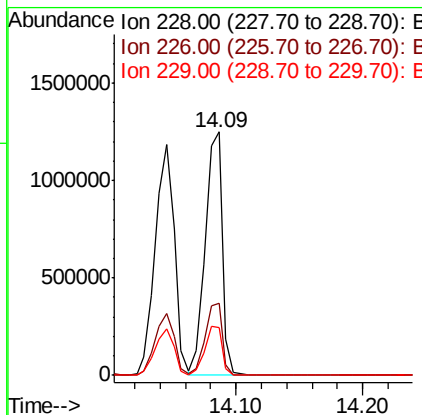
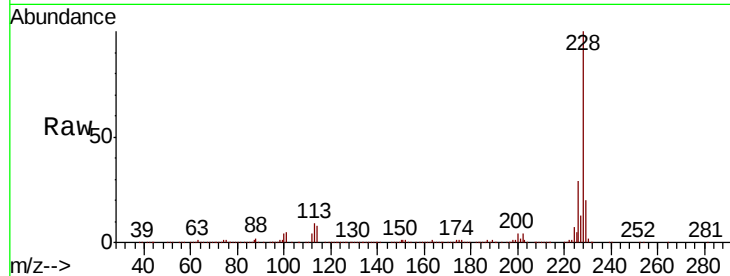




#83
 Chrysene
 Concen: 43.432 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

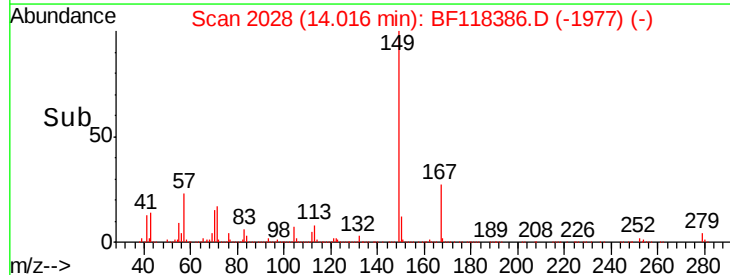
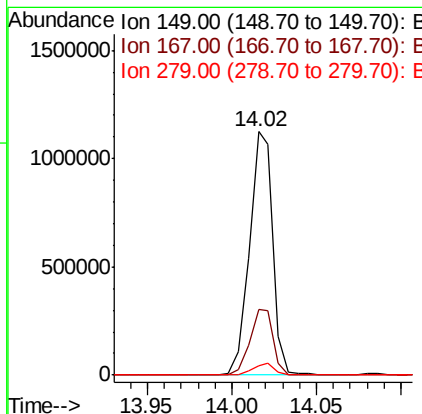
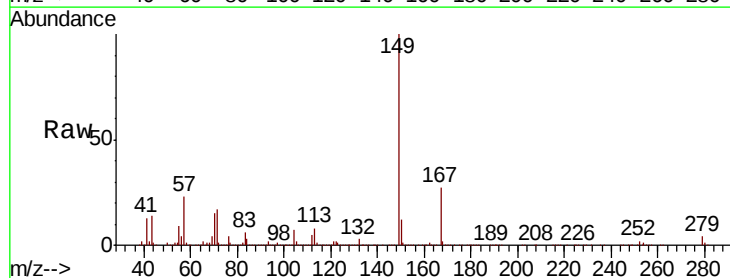
Instrument :
 BNA_F
 ClientSampleId :

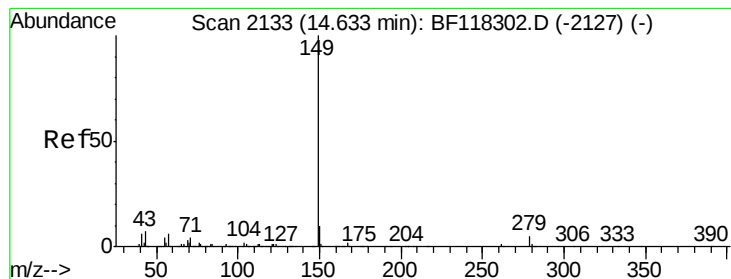
Tot Ion:228 Resp: 1181216
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.9 35.9
 229 19.8 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.065 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118386.D
 Acq: 30 Dec 2019 17:41

Tgt Ion:149 Resp: 1080310
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.449 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

Instrument :

BNA_F

ClientSampleId :

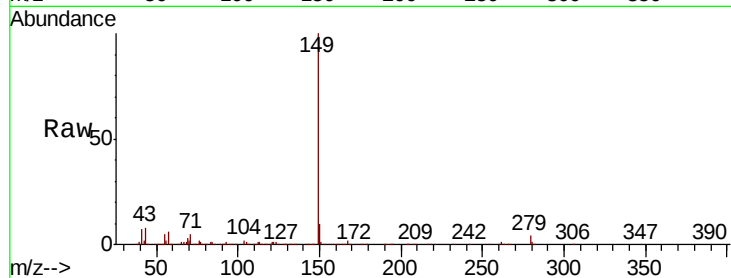
Tot Ion:149 Resp: 1657892

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

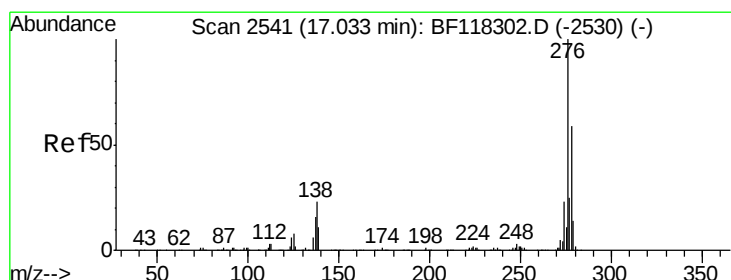
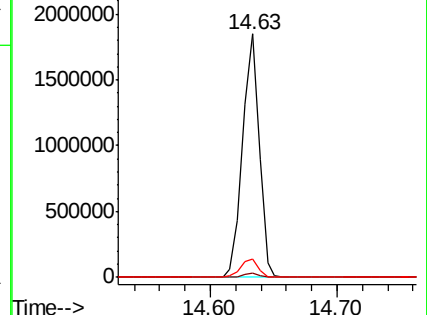
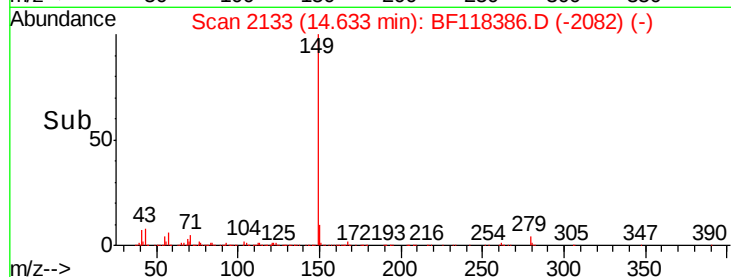
43 7.8 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.162 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118386.D

Acq: 30 Dec 2019 17:41

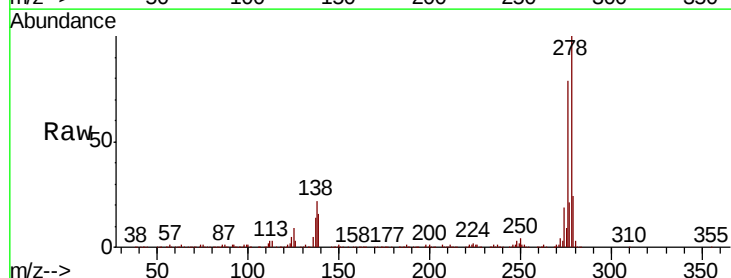
Tgt Ion:276 Resp: 1139246

Ion Ratio Lower Upper

276 100

138 24.6 19.5 29.3

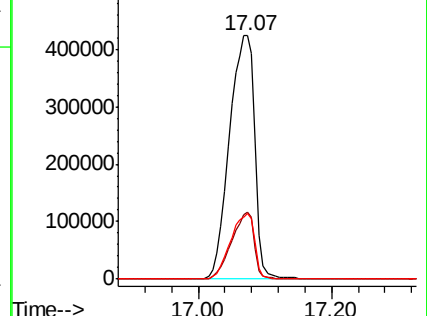
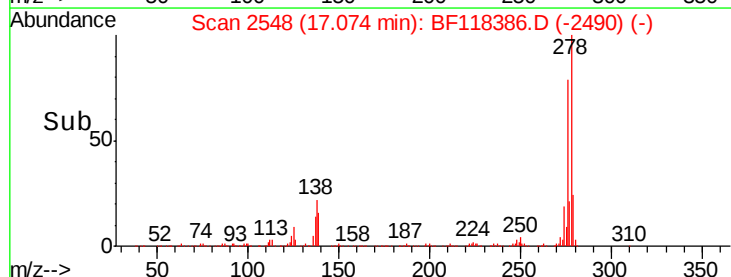
277 25.8 20.6 30.8

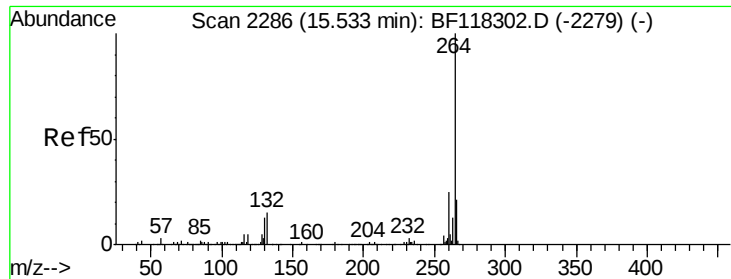


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

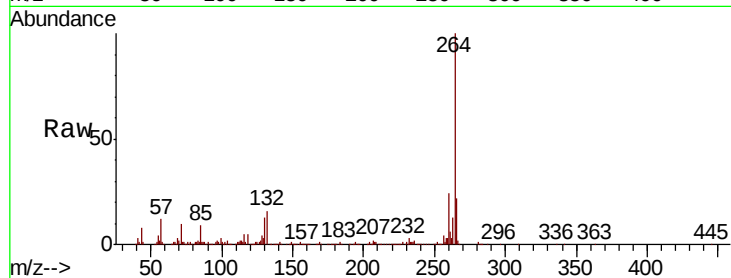




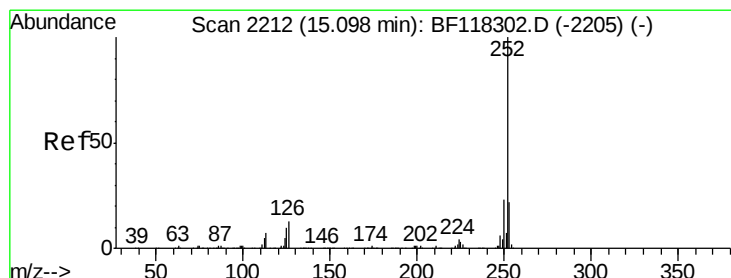
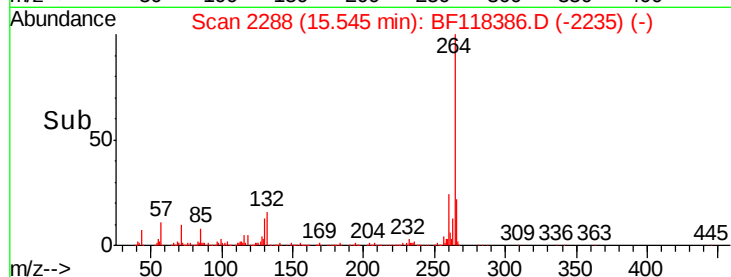
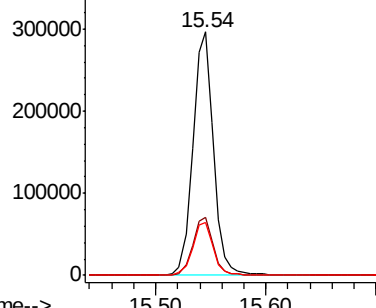
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 383832
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 21.8 17.0 25.4

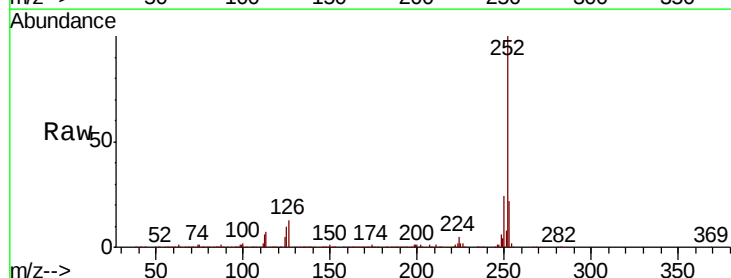


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

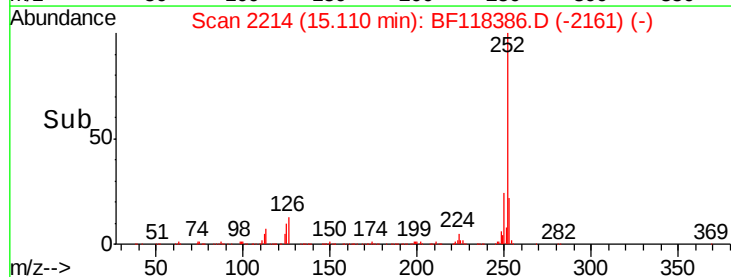
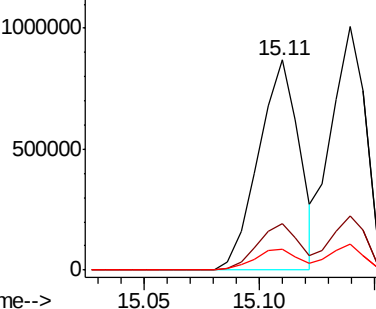


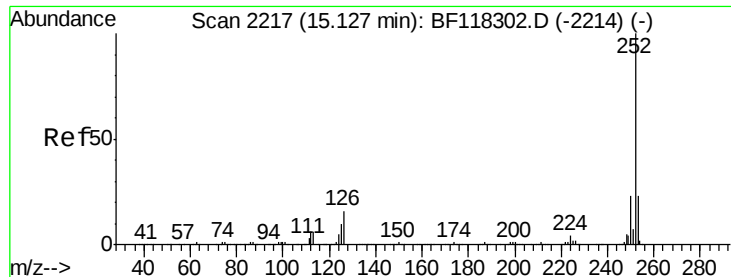
#88
Benzo(b)fluoranthene
Concen: 42.194 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:252 Resp: 1075042
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.7 7.7 11.5



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

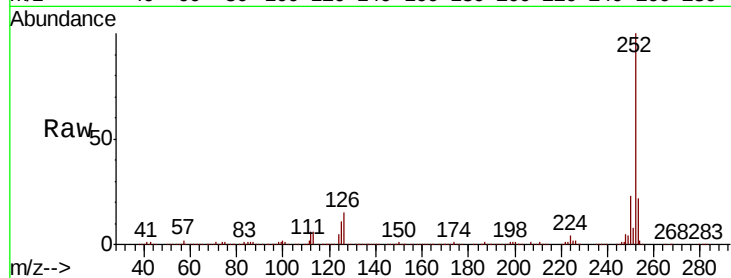




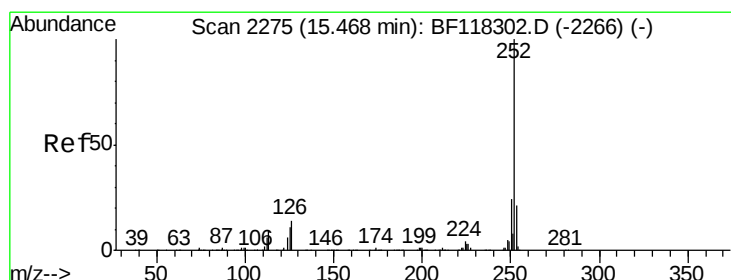
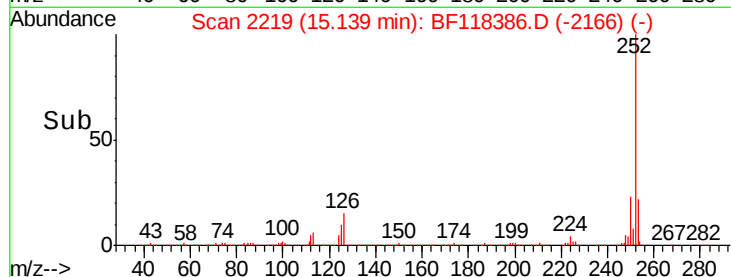
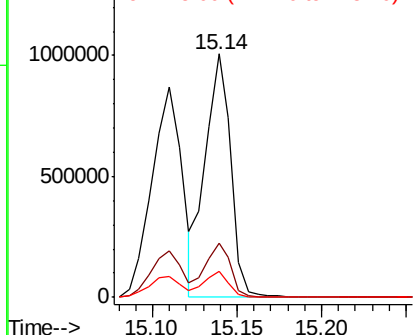
#89
Benzo(k)fluoranthene
Concen: 43.250 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1058078
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.5 8.0 12.0

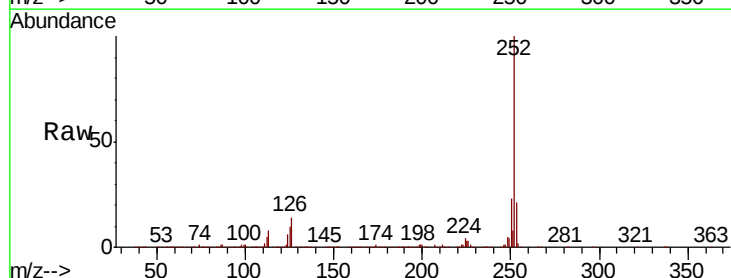


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

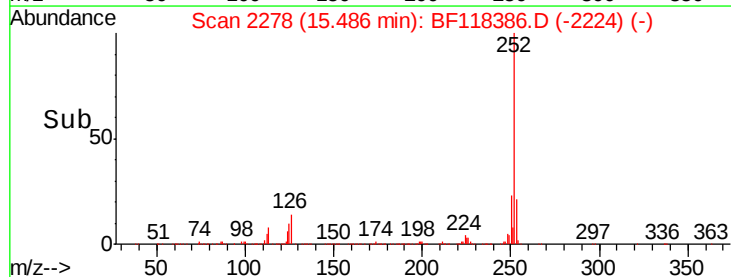
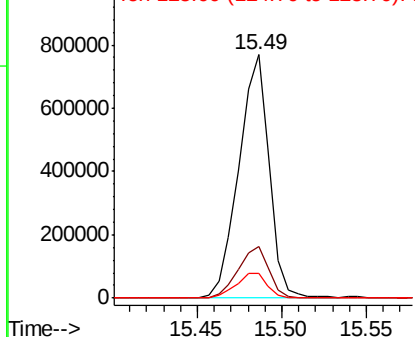


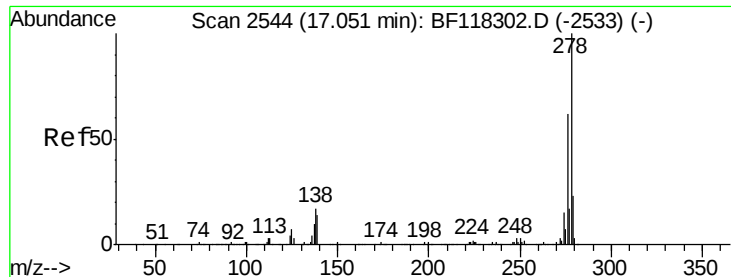
#90
Benzo(a)pyrene
Concen: 42.895 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:252 Resp: 962754
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.3 9.0 13.4



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

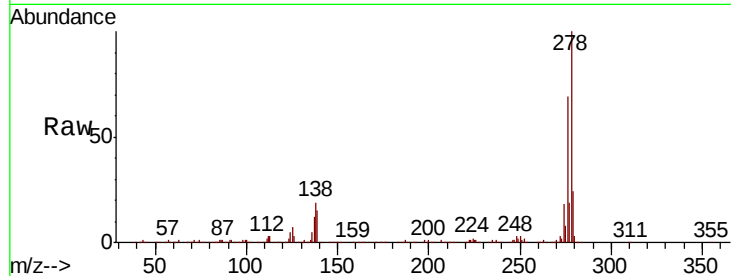




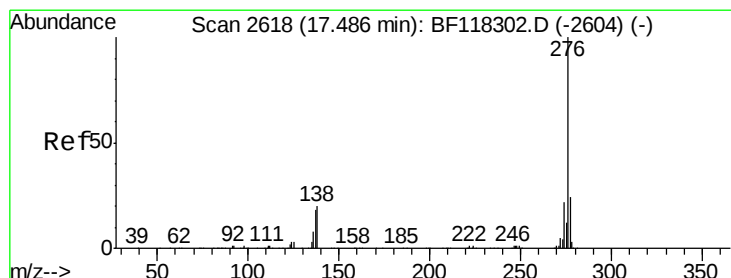
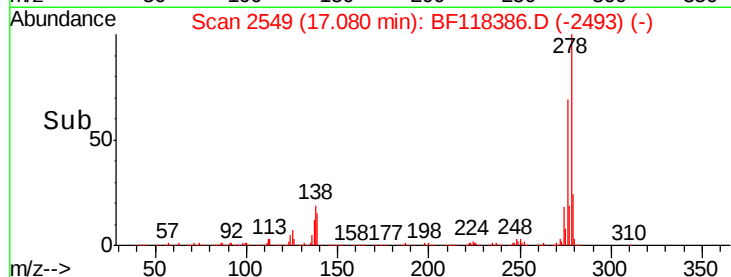
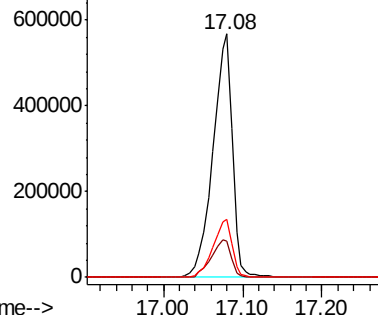
#91
Dibenzo(a,h)anthracene
Concen: 49.514 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 964401
Ion Ratio Lower Upper
278 100
139 15.2 11.5 17.3
279 23.9 18.3 27.5

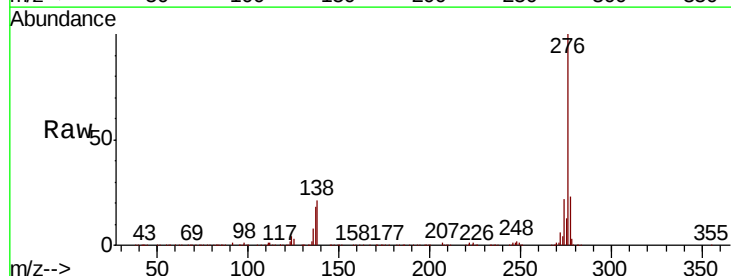


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.329 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118386.D
Acq: 30 Dec 2019 17:41

Tgt Ion:276 Resp: 946939
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 20.7 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

