

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118258.D
 Acq On : 18 Dec 2019 14:52
 Operator : JU
 Sample : K6324-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 03:07:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104795	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	417725	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	223332	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425873	20.00	ng	0.00
76) Chrysene-d12	14.06	240	319970	20.00	ng	0.00
87) Perylene-d12	15.56	264	285660	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	654252	109.35	ng	0.00
7) Phenol-d6	6.50	99	836301	115.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	500362	67.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	297414	109.62	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1051893	71.67	ng	-0.01
79) Terphenyl-d14	13.00	244	1340099	72.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	82726	32.791	ng	96
3) Pyridine	3.40	79	204639	31.440	ng	100
4) n-Nitrosodimethylamine	3.35	42	105029	37.509	ng	94
6) Aniline	6.52	93	206357	22.291	ng	95
8) 2-Chlorophenol	6.65	128	273590	40.552	ng	97
9) Benzaldehyde	6.41	77	79764	16.742	ng	95
10) Phenol	6.51	94	328431	39.794	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	232187	38.898	ng	97
12) 1,3-Dichlorobenzene	6.80	146	295586	37.505	ng	97
13) 1,4-Dichlorobenzene	6.88	146	299656	37.759	ng	98
14) 1,2-Dichlorobenzene	7.03	146	285322	38.284	ng	98
15) Benzyl Alcohol	7.00	79	227521	40.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	270078	37.631	ng	94
17) 2-Methylphenol	7.12	107	219451	40.897	ng	99
18) Hexachloroethane	7.37	117	108802	37.207	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	171980	39.108	ng	97
20) 3+4-Methylphenols	7.27	107	276760	41.062	ng	89
22) Acetophenone	7.27	105	372216	37.089	ng	98
24) Nitrobenzene	7.45	77	265824	36.438	ng	99
25) Isophorone	7.69	82	478745	38.034	ng	99
26) 2-Nitrophenol	7.76	139	151168	38.769	ng	96
27) 2,4-Dimethylphenol	7.80	122	242976	46.716	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	298759	36.324	ng	98
29) 2,4-Dichlorophenol	8.01	162	235073	38.770	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	253587	35.788	ng	99
31) Naphthalene	8.17	128	802293	38.243	ng	100
32) Benzoic acid	7.93	122	146935	31.289	ng	96
33) 4-Chloroaniline	8.22	127	93949	10.371	ng	95
34) Hexachlorobutadiene	8.29	225	147926	34.814	ng	98
35) Caprolactam	8.59	113	43658	23.349	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	249286	39.069	ng	99
37) 2-Methylnaphthalene	8.86	142	552393	38.893	ng	99
38) 1-Methylnaphthalene	8.96	142	509110	38.176	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	245706	36.317	ng	99

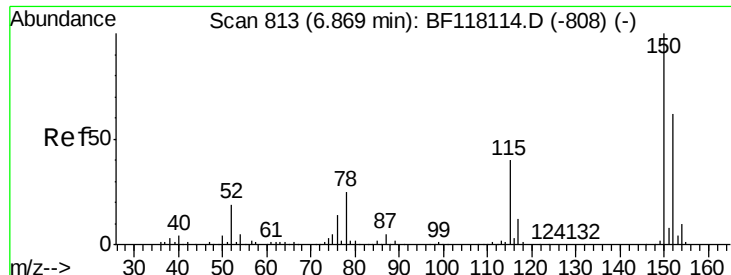
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	226584	74.749	ng	96
43) 2,4,6-Trichlorophenol	9.15	196	168021	37.196	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	177568	37.942	ng	96
46) 1,1'-Biphenyl	9.33	154	667975	37.923	ng	99
47) 2-Chloronaphthalene	9.36	162	515796	36.404	ng	97
48) 2-Nitroaniline	9.46	65	143378	35.485	ng	88
49) Acenaphthylene	9.77	152	834054	39.911	ng	99
50) Dimethylphthalate	9.63	163	666221	40.386	ng	99
51) 2,6-Dinitrotoluene	9.70	165	137367	38.296	ng	93
52) Acenaphthene	9.95	154	478984	37.551	ng	97
53) 3-Nitroaniline	9.87	138	76978	18.235	ng	96
54) 2,4-Dinitrophenol	9.98	184	120449	67.494	ng	97
55) Dibenzofuran	10.12	168	731483	39.137	ng	100
56) 4-Nitrophenol	10.04	139	198539	67.770	ng	99
57) 2,4-Dinitrotoluene	10.10	165	186693	38.994	ng	94
58) Fluorene	10.46	166	577696	38.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	146419	37.922	ng	99
60) Diethylphthalate	10.33	149	628749	38.685	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	284659	38.090	ng	96
62) 4-Nitroaniline	10.49	138	157985	35.884	ng	99
63) Azobenzene	10.62	77	539938	38.915	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	90176	38.342	ng	88
66) n-Nitrosodiphenylamine	10.57	169	517839	38.937	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	179406	36.904	ng	94
68) Hexachlorobenzene	11.02	284	204922	35.813	ng	97
69) Atrazine	11.10	200	154975	43.037	ng	98
70) Pentachlorophenol	11.22	266	193418	71.879	ng	99
71) Phenanthrene	11.43	178	881666	38.945	ng	99
72) Anthracene	11.49	178	910773	40.328	ng	99
73) Carbazole	11.64	167	796407	39.304	ng	99
74) Di-n-butylphthalate	11.96	149	1007898	39.745	ng	100
75) Fluoranthene	12.63	202	922491	39.855	ng	99
77) Benzidine	12.74	184	319013	37.873	ng	98
78) Pyrene	12.86	202	930544	36.904	ng	99
80) Butylbenzylphthalate	13.47	149	430753	37.721	ng	99
81) Benzo(a)anthracene	14.05	228	804140	36.345	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	142085	19.554	ng	96
83) Chrysene	14.09	228	785853	37.184	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	607906	40.371	ng	99
85) Di-n-octyl phthalate	14.64	149	959976	42.086	ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	708778	39.858	ng	100
88) Benzo(b)fluoranthene	15.12	252	734579	38.882	ng	97
89) Benzo(k)fluoranthene	15.15	252	668846	36.852	ng	99
90) Benzo(a)pyrene	15.49	252	650891	39.009	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	598511	41.820	ng	98
92) Benzo(g,h,i)perylene	17.53	276	584416	42.495	ng	98

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

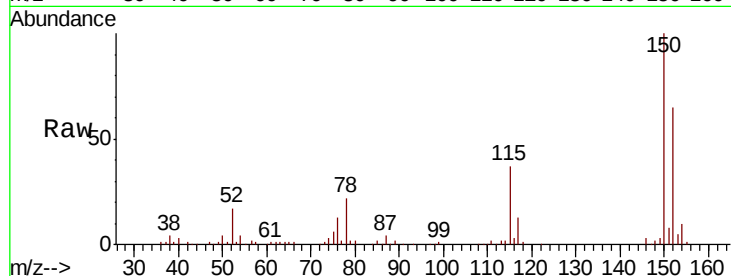


#1

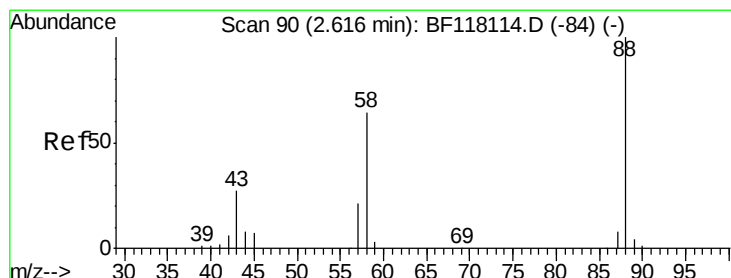
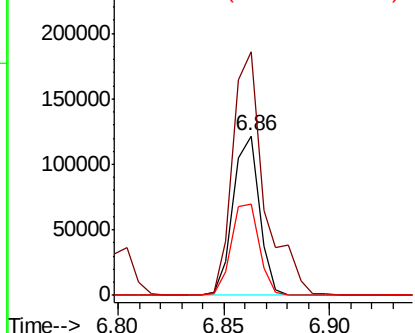
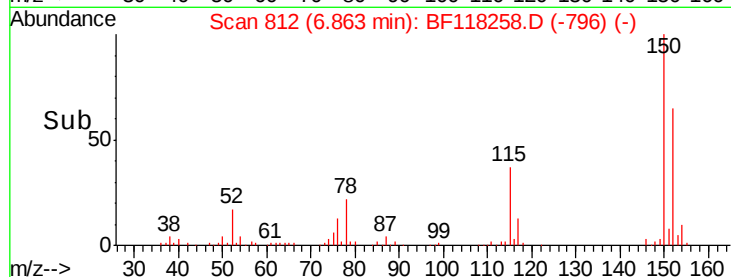
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104795
Ion Ratio Lower Upper
152 100
150 152.9 128.3 192.5
115 56.9 51.1 76.7



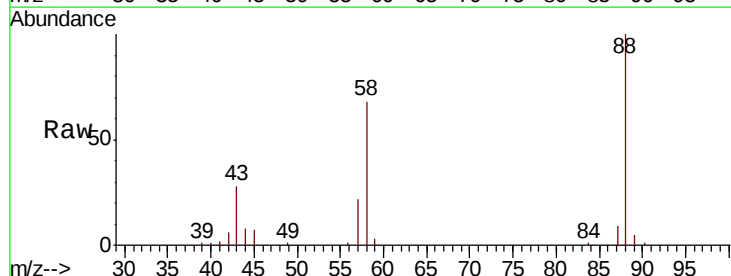
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



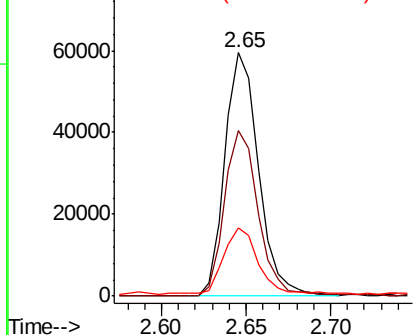
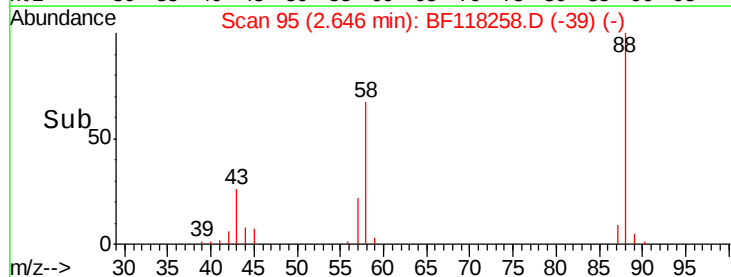
#2

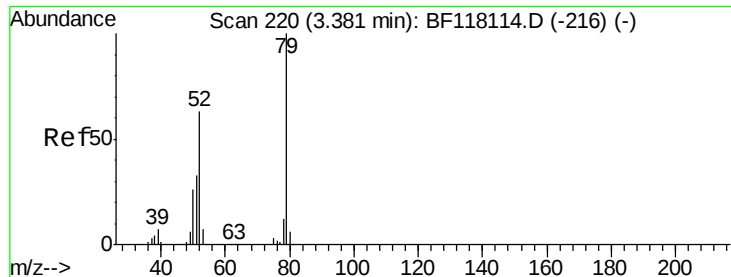
1,4-Dioxane
Concen: 32.791 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.03 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion: 88 Resp: 82726
Ion Ratio Lower Upper
88 100
58 68.7 52.2 78.4
43 27.7 21.4 32.2



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





#3

Pvridine

Concen: 31.440 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

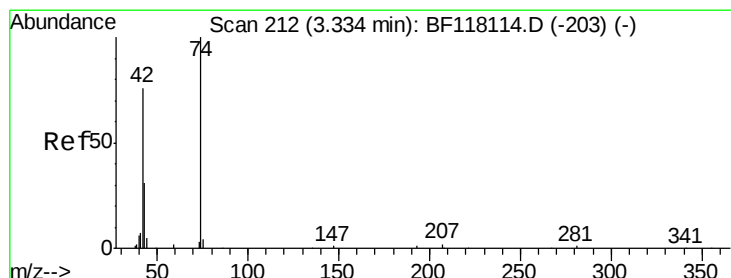
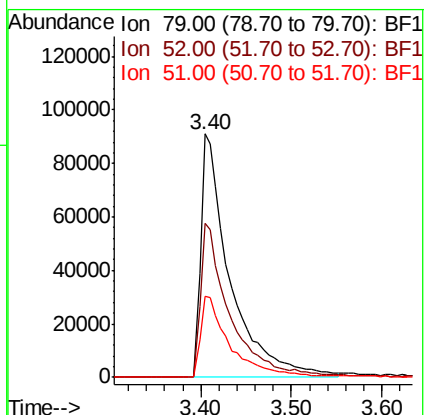
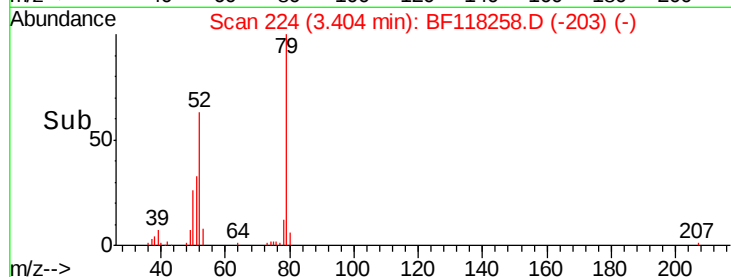
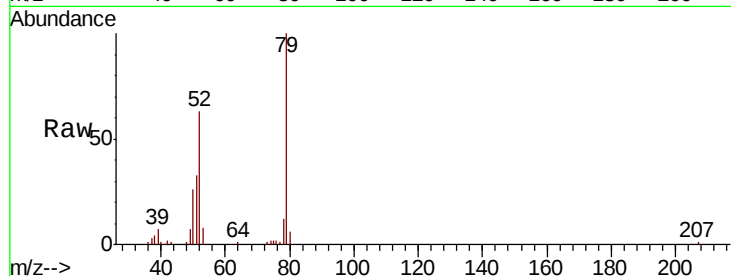
Tot Ion: 79 Resp: 204639

Ion Ratio Lower Upper

79 100

52 63.4 50.7 76.1

51 33.3 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 37.509 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

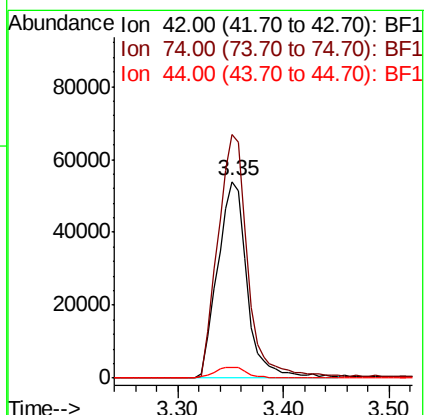
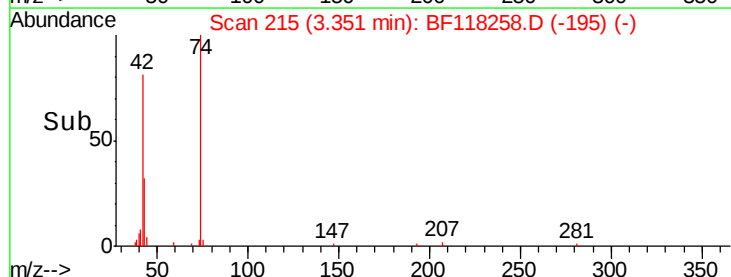
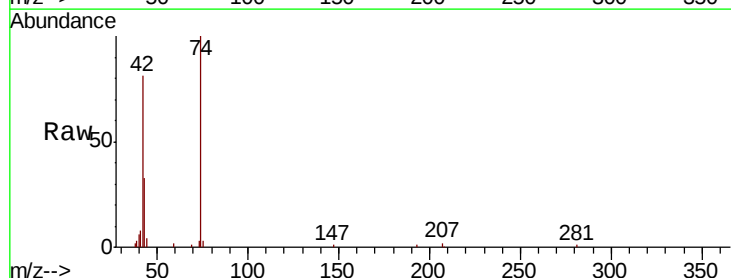
Tgt Ion: 42 Resp: 105029

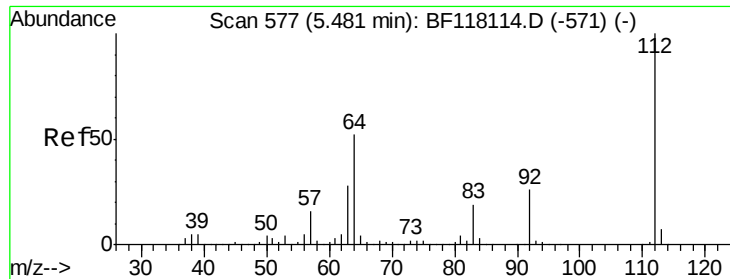
Ion Ratio Lower Upper

42 100

74 124.1 104.6 157.0

44 5.3 5.1 7.7





#5

2-Fluorophenol

Concen: 109.347 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118258.D

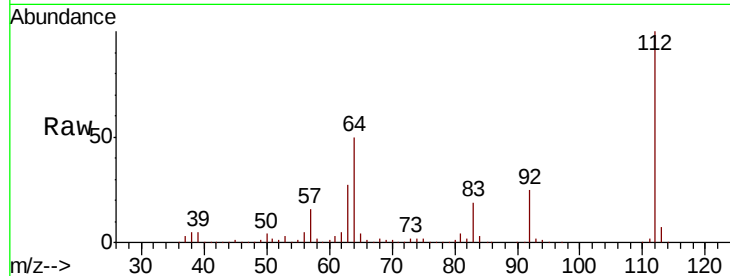
Acq: 18 Dec 2019 14:52

Instrument :

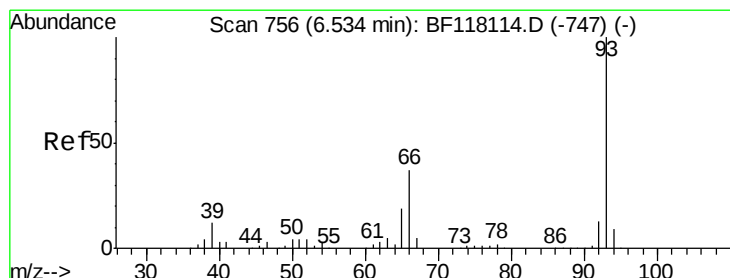
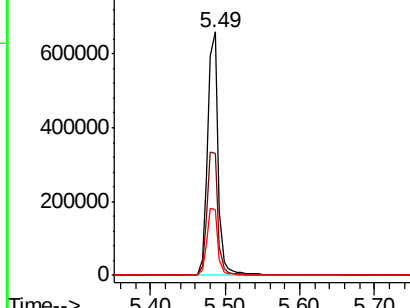
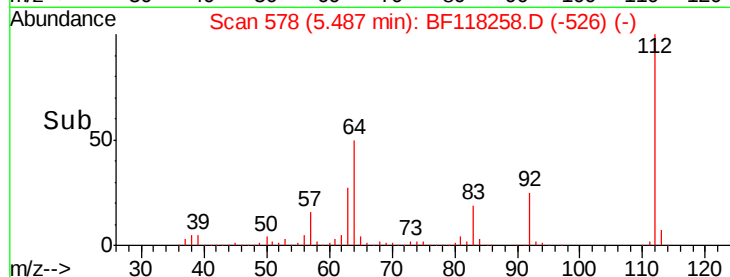
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	654252
Ion	Ratio	Lower	Upper
112	100		
64	50.3	41.3	61.9
63	27.2	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.291 ng

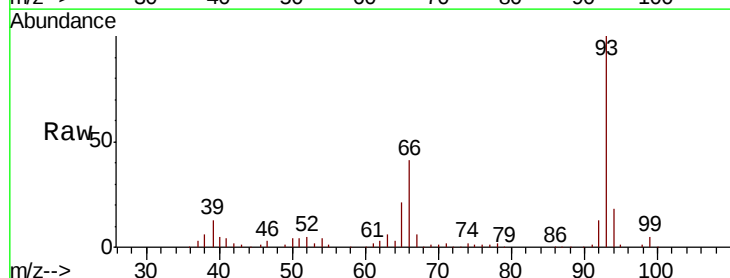
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

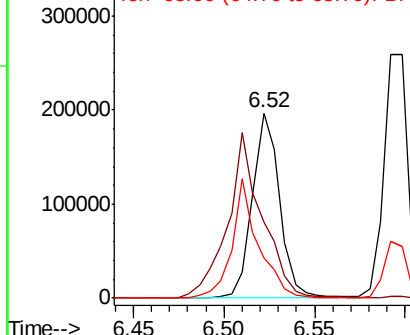
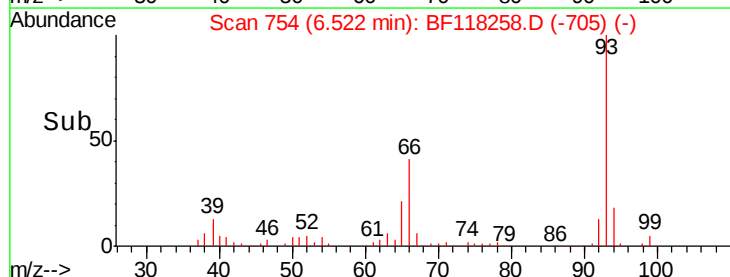
Lab File: BF118258.D

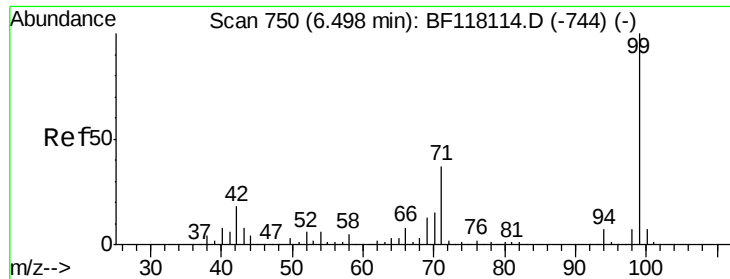
Acq: 18 Dec 2019 14:52

Tgt Ion:	93	Resp:	206357
Ion	Ratio	Lower	Upper
93	100		
66	40.8	30.2	45.2
65	21.4	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.560 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

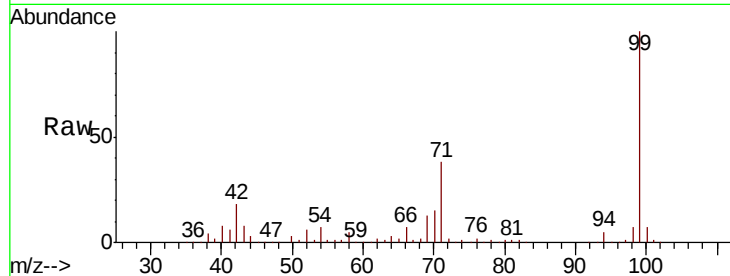
Tot Ion: 99 Resp: 836301

Ion Ratio Lower Upper

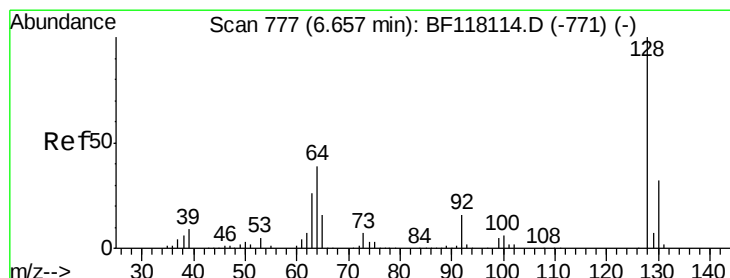
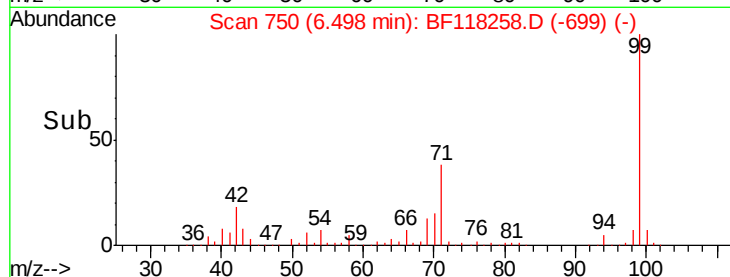
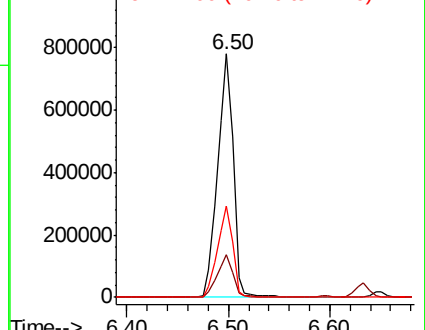
99 100

42 17.6 14.1 21.1

71 37.6 29.7 44.5



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



#8

2-Chlorophenol

Concen: 40.552 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

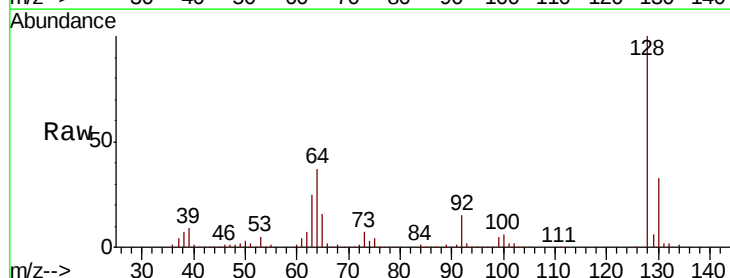
Tgt Ion: 128 Resp: 273590

Ion Ratio Lower Upper

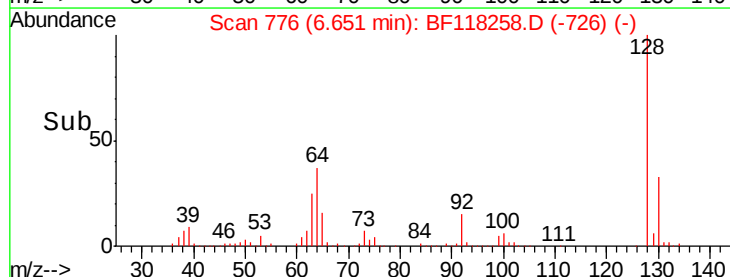
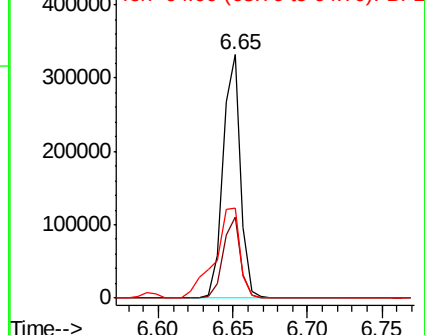
128 100

130 33.2 12.1 52.1

64 37.1 19.3 59.3



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





#9

Benzaldehyde

Concen: 16.742 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

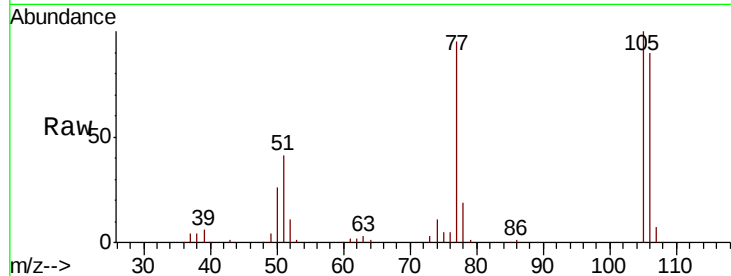
Tot Ion: 77 Resp: 79764

Ion Ratio Lower Upper

77 100

105 105.7 86.4 126.4

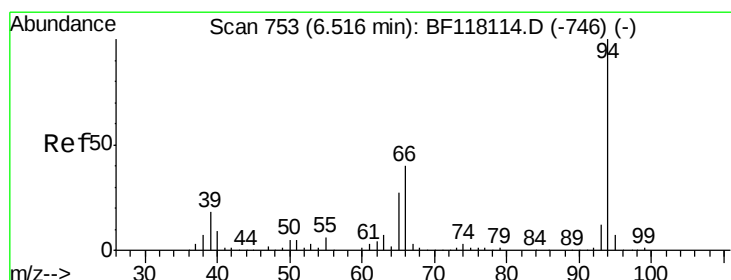
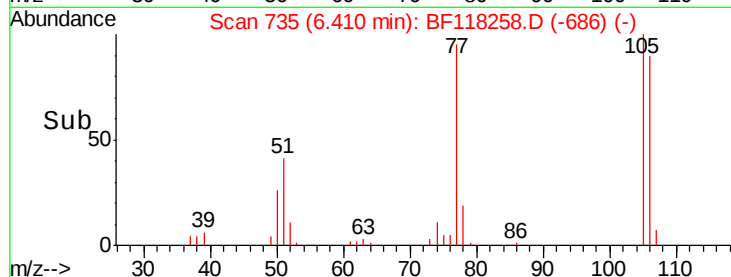
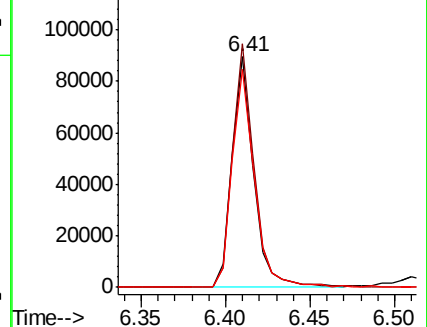
106 95.0 83.8 123.8



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: 39.794 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

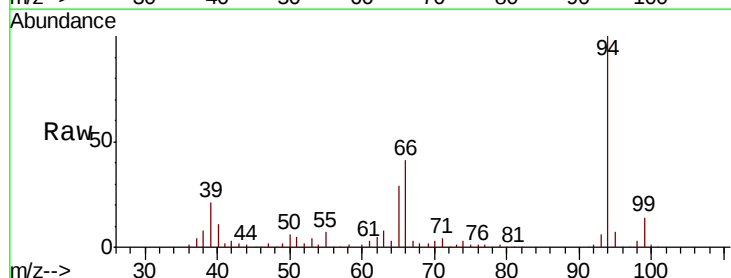
Tgt Ion: 94 Resp: 328431

Ion Ratio Lower Upper

94 100

65 29.4 7.3 47.3

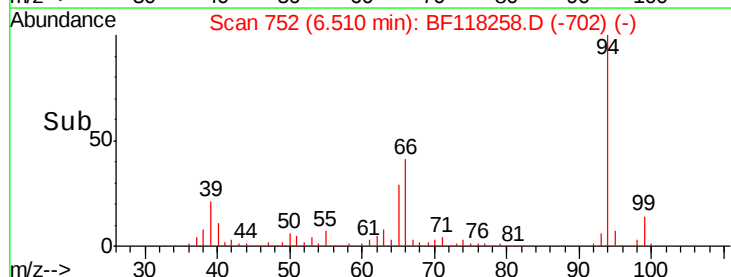
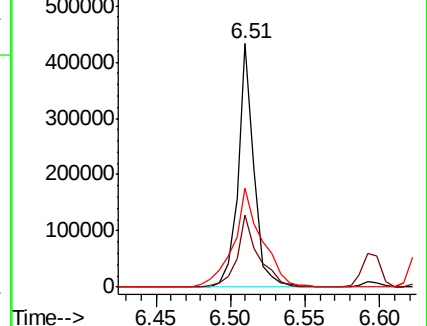
66 40.6 20.2 60.2

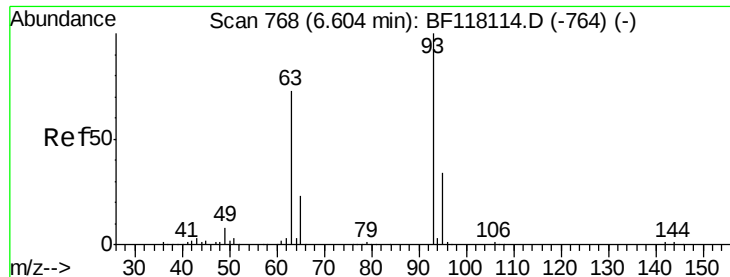


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

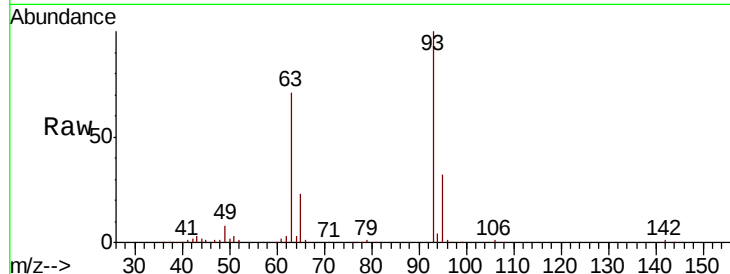




#11
bis(2-Chloroethyl)ether
Concen: 38.898 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.2	93.2
95	32.1	13.8	53.8

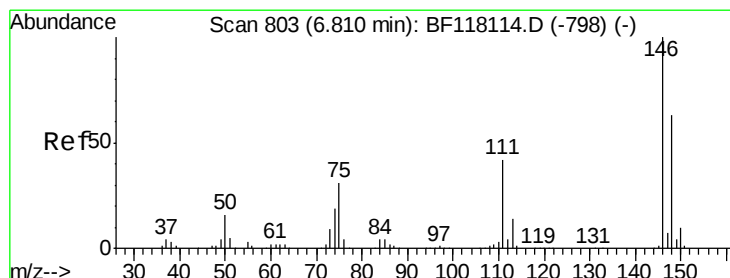
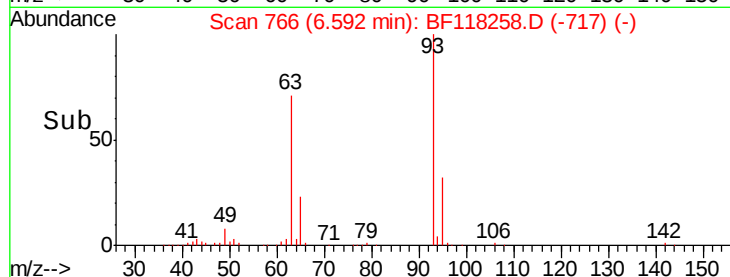
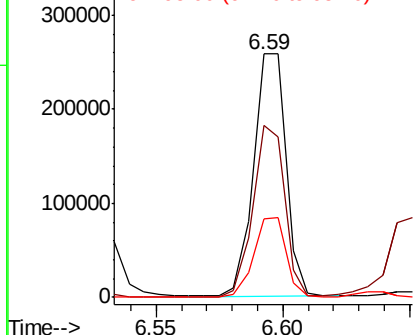


Abundance

Ion 93.00 (92.70 to 93.70): BF1

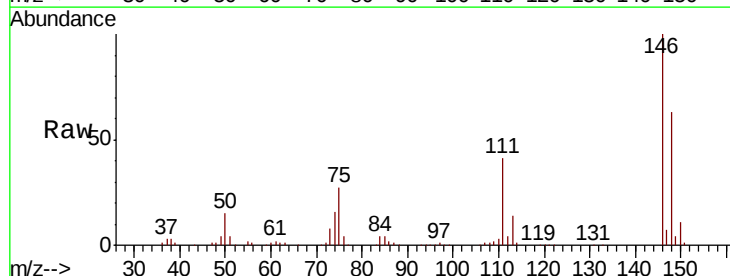
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.505 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.4
75	27.2	24.6	37.0

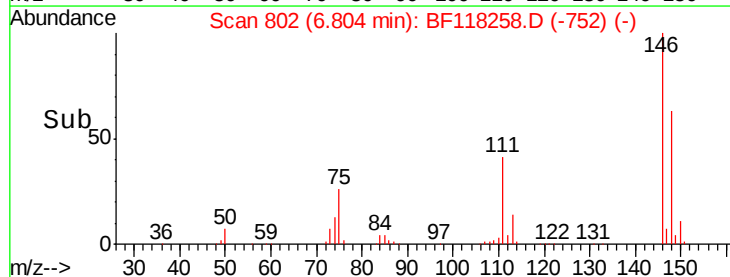
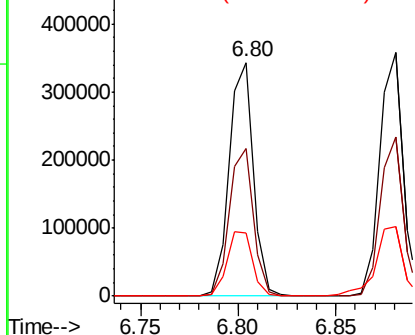


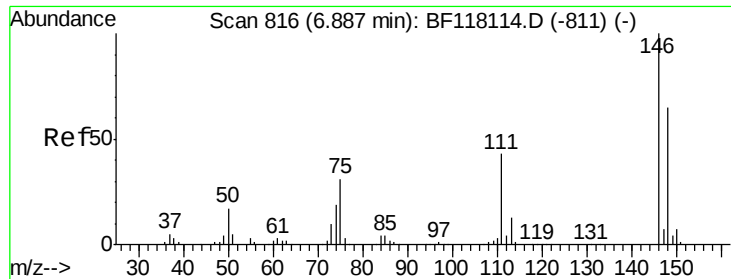
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

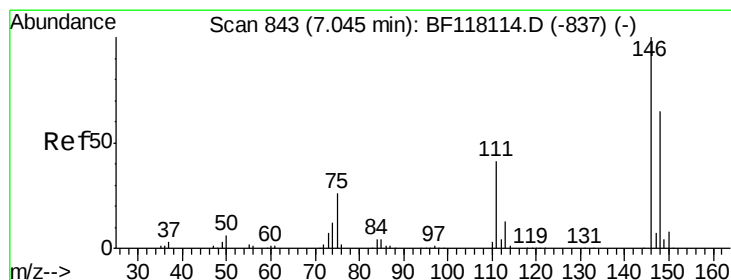
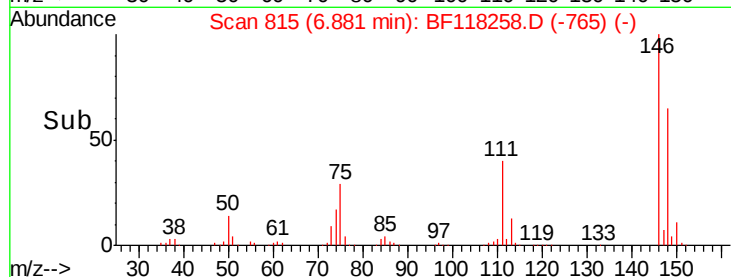
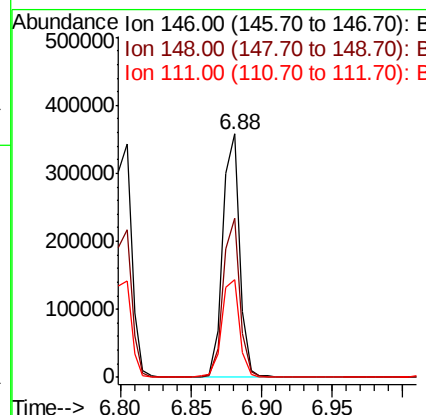
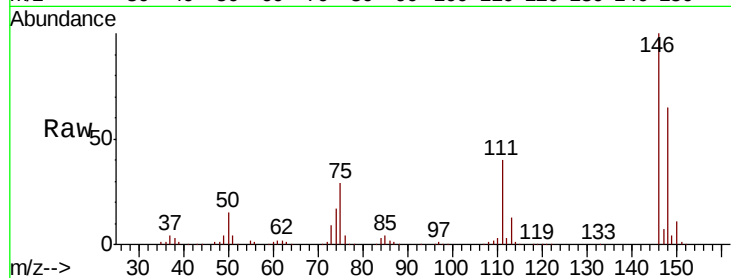




#13
 1,4-Dichlorobenzene
 Concen: 37.759 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

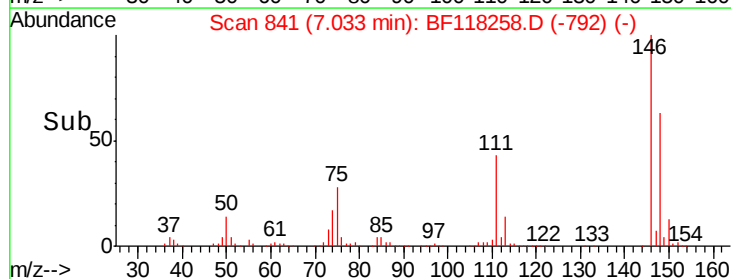
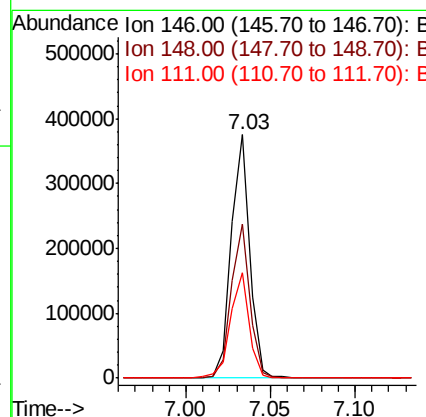
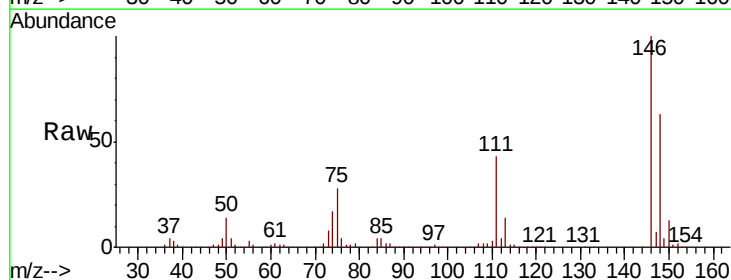
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
111	40.1	34.6	52.0



#14
 1,2-Dichlorobenzene
 Concen: 38.284 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	43.3	33.1	49.7





#15

Benzyl Alcohol

Concen: 40.275 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

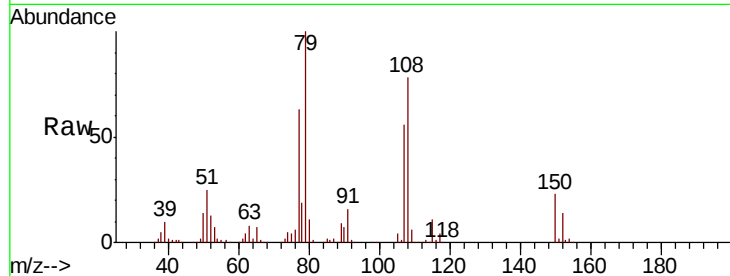
Tot Ion: 79 Resp: 227521

Ion Ratio Lower Upper

79 100

108 77.9 62.7 94.1

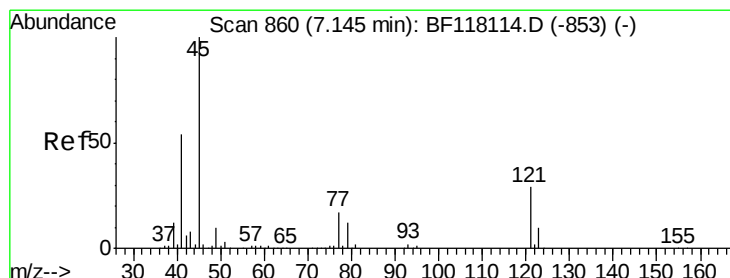
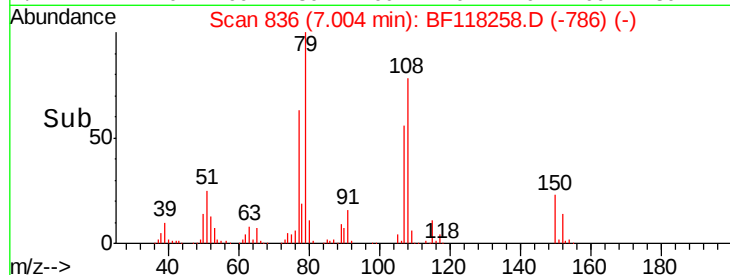
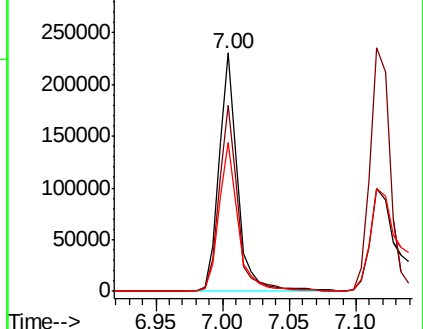
77 62.6 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.631 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

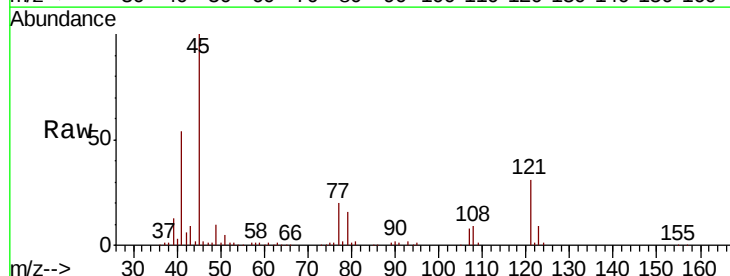
Tgt Ion: 45 Resp: 270078

Ion Ratio Lower Upper

45 100

77 19.7 0.0 38.0

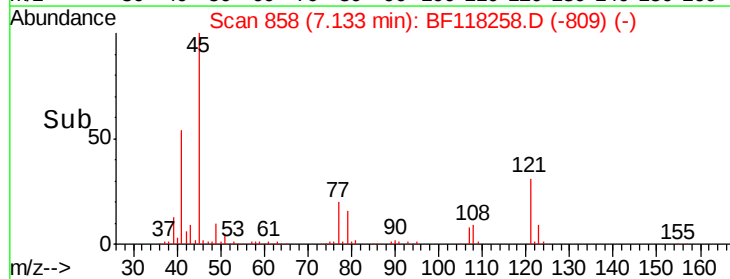
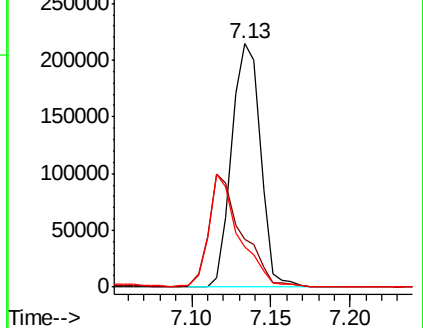
79 16.4 0.0 33.2

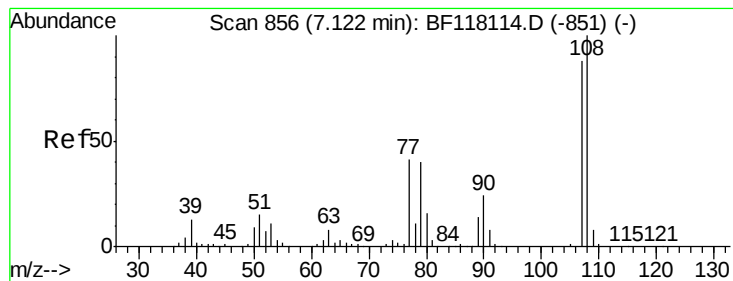


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

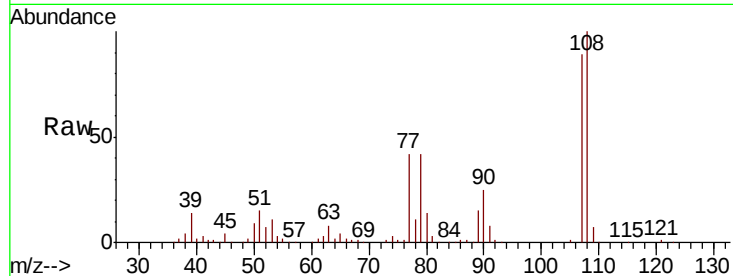




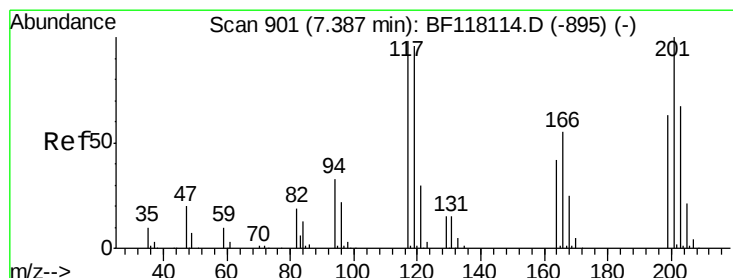
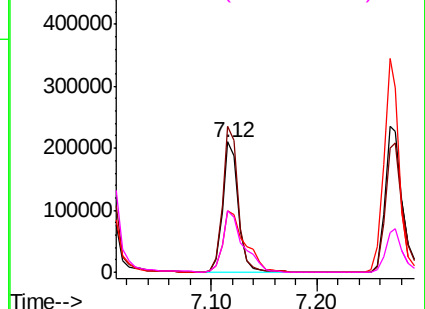
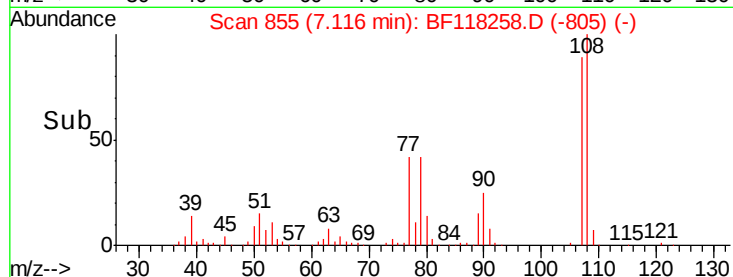
#17
2-Methylphenol
Concen: 40.897 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	219451
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.1	136.7
77	47.2	37.8	56.6
79	47.4	37.0	55.6

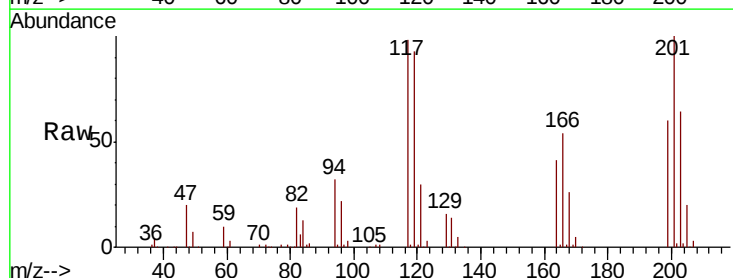


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

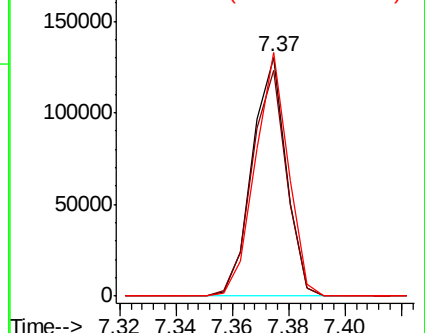
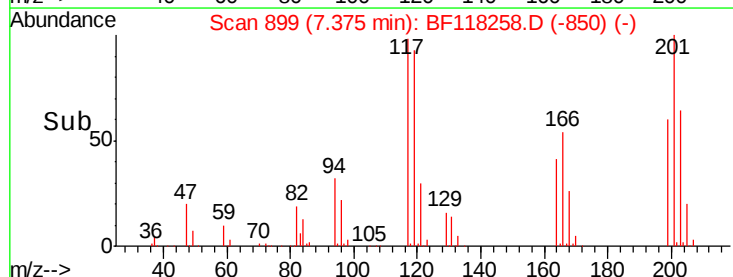


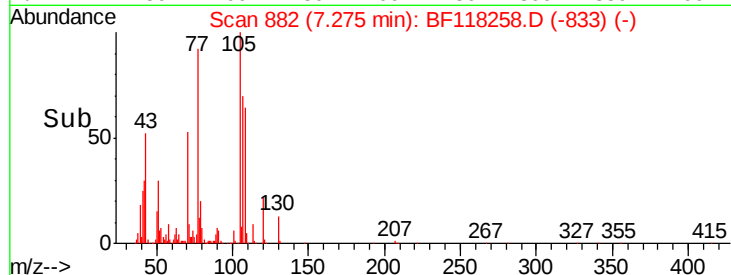
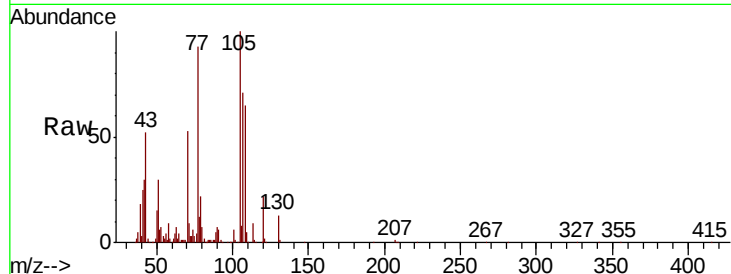
#18
Hexachloroethane
Concen: 37.207 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:	117	Resp:	108802
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.4
201	102.0	81.6	122.4



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

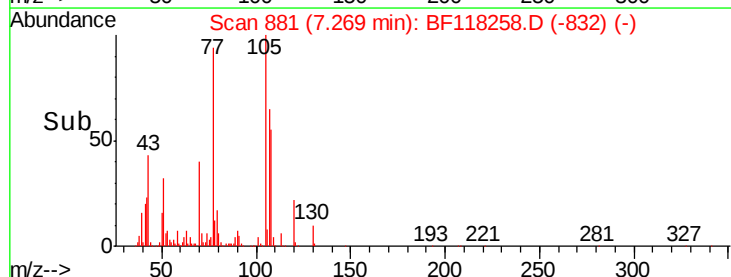
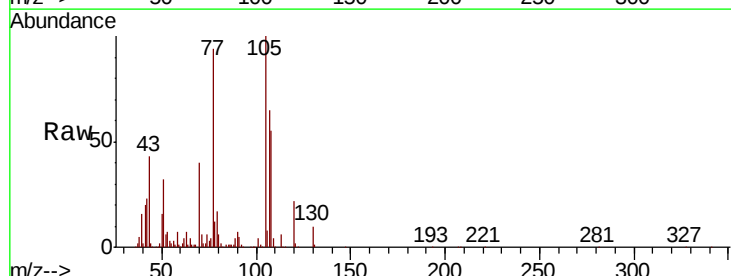
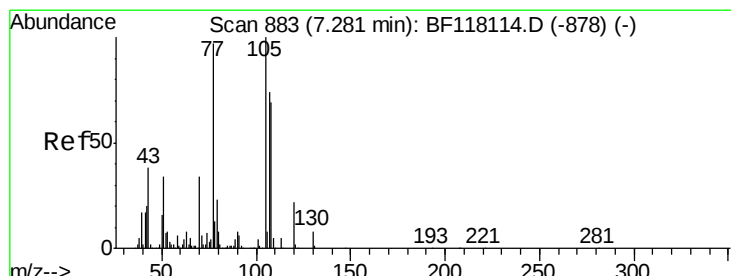
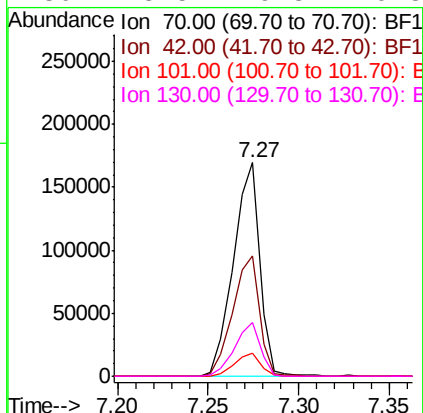




#19
n-Nitroso-di-n-propylamine
Concen: 39.108 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

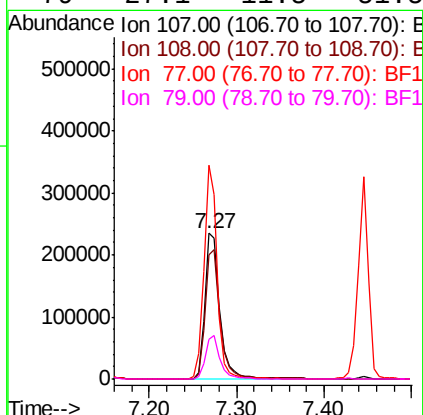
Instrument :
BNA_F
ClientSampled :

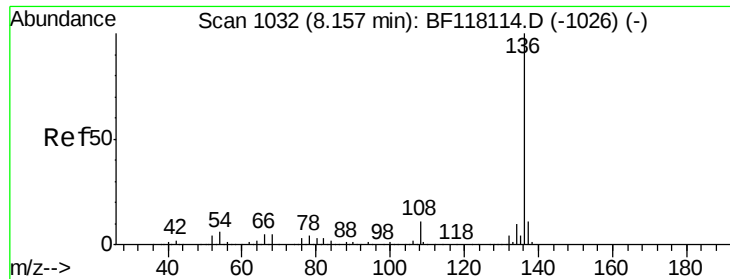
Tot Ion:	70	Resp:	171980
Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.2	64.8
101	10.9	8.1	12.1
130	25.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 41.062 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:	107	Resp:	276760
Ion	Ratio	Lower	Upper
107	100		
108	85.0	73.2	113.2
77	146.4	110.9	150.9
79	27.1	11.5	51.5

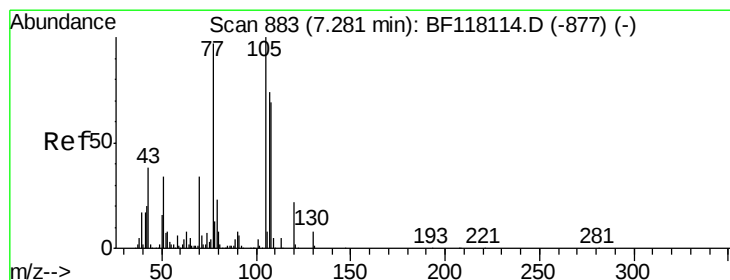
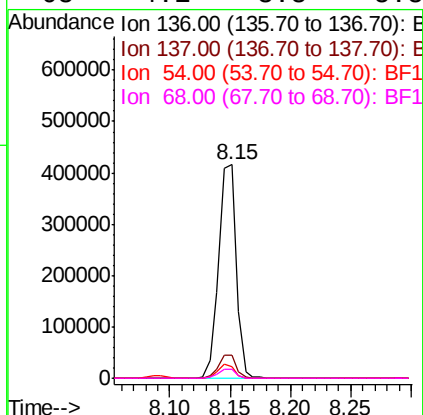
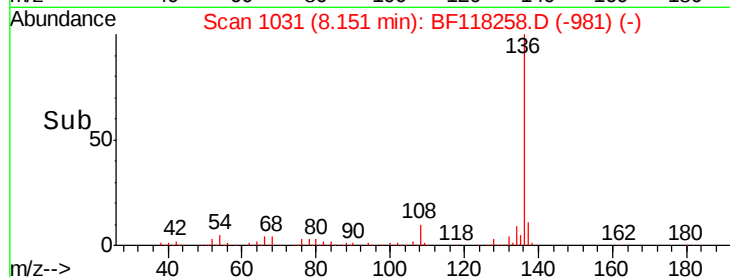
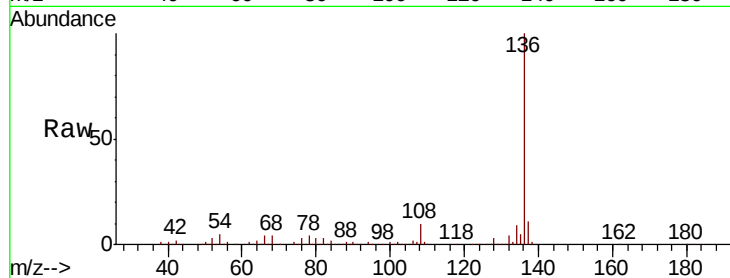




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

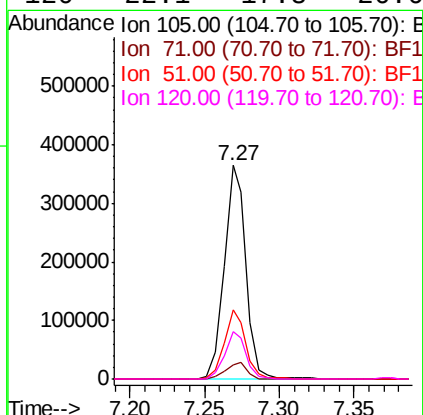
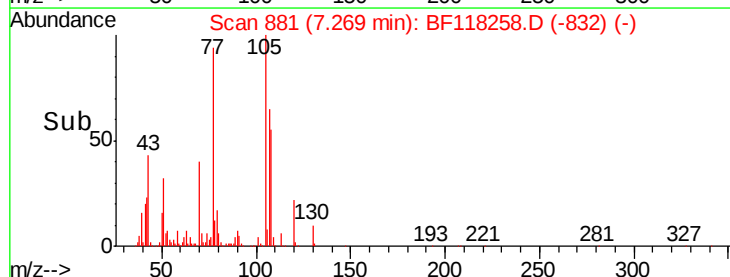
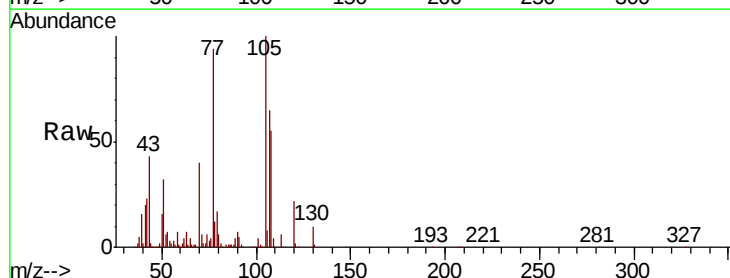
Instrument :
BNA_F
ClientSampleId :

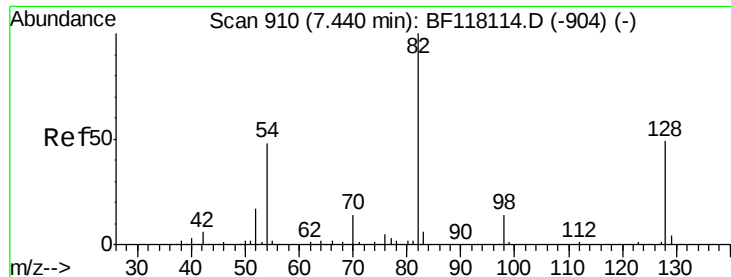
Tot Ion:136	Resp:	417725	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.6	
54 5.4	5.0	7.6	
68 4.1	3.8	5.8	



#22
Acetophenone
Concen: 37.089 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt	Ion:105	Resp:	372216
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.7	7.1
51	32.1	27.1	40.7
120	22.1	17.8	26.6

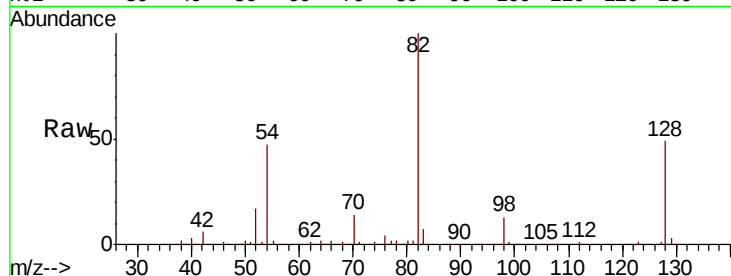




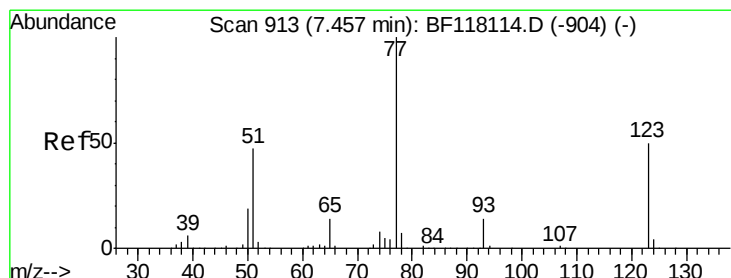
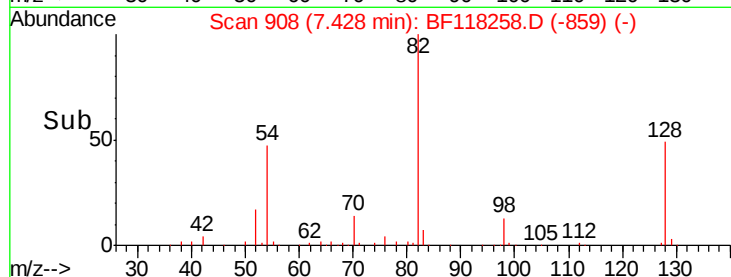
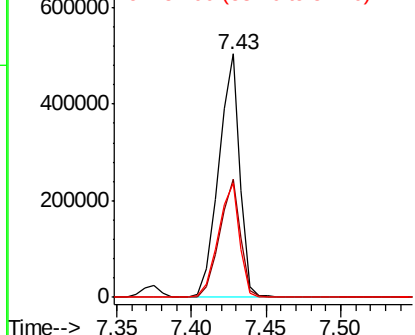
#23
Nitrobenzene-d5
Concen: 67.387 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 500362
Ion Ratio Lower Upper
82 100
128 48.5 39.1 58.7
54 47.1 38.2 57.2

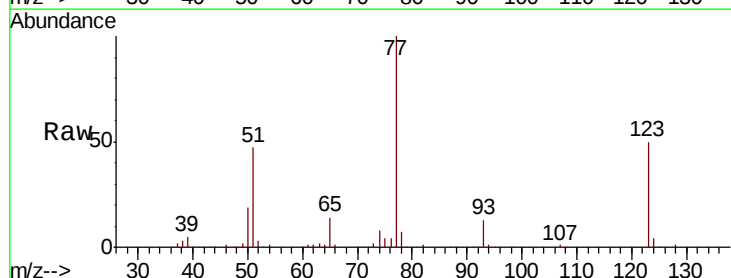


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

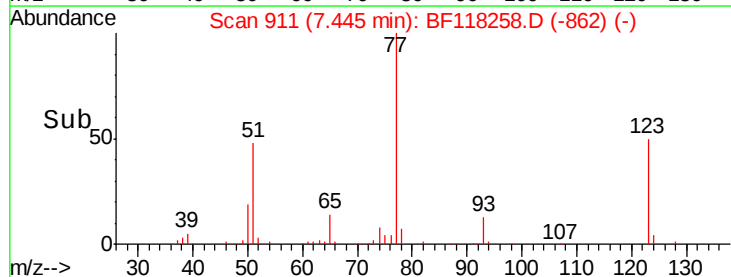
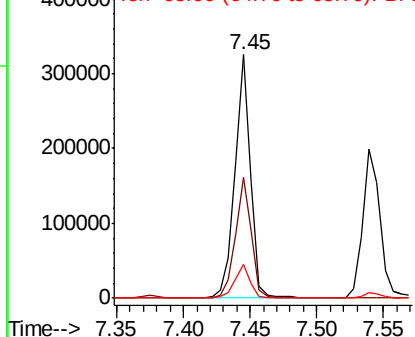


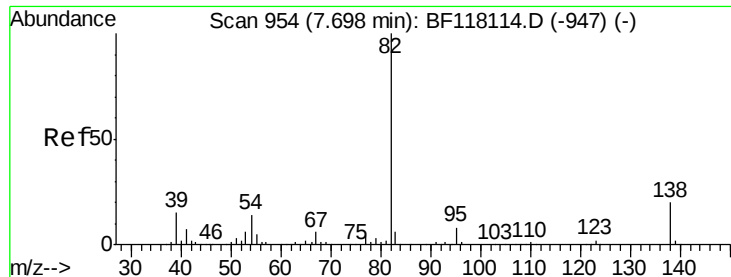
#24
Nitrobenzene
Concen: 36.438 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion: 77 Resp: 265824
Ion Ratio Lower Upper
77 100
123 49.6 40.1 60.1
65 14.1 10.9 16.3



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





#25

Isophorone

Concen: 38.034 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

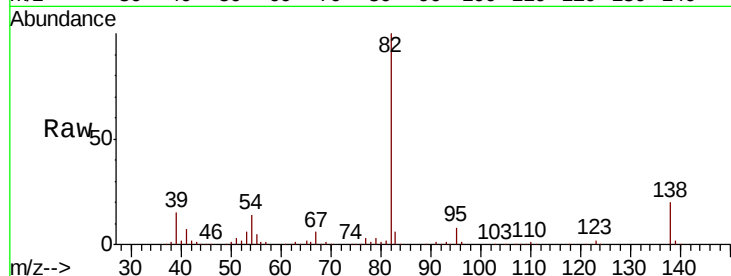
Tot Ion: 82 Resp: 478745

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

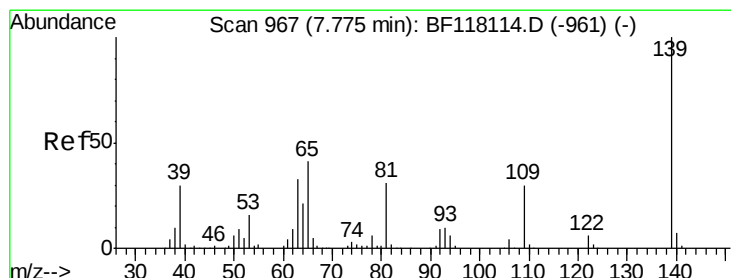
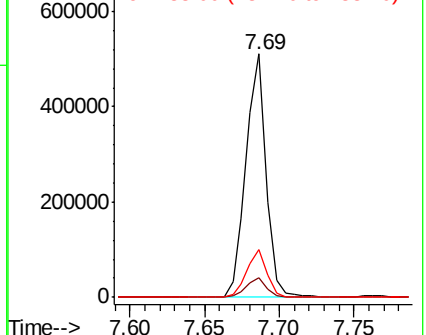
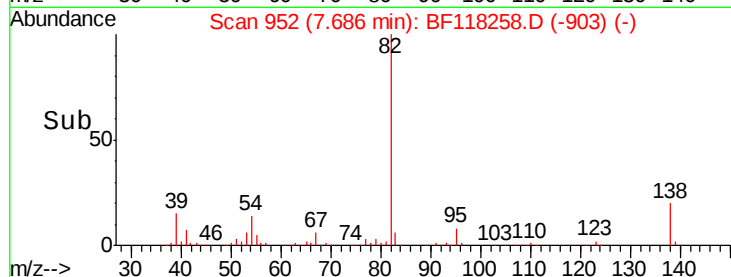
138 19.7 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.769 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

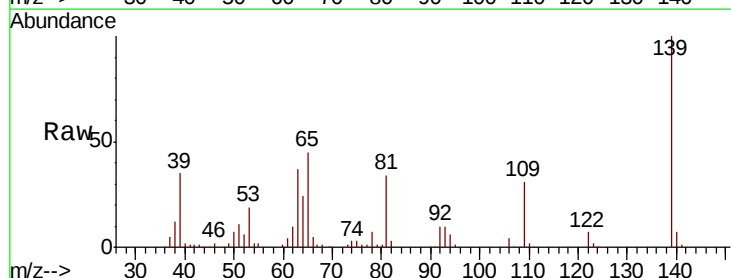
Tgt Ion: 139 Resp: 151168

Ion Ratio Lower Upper

139 100

109 30.6 23.9 35.9

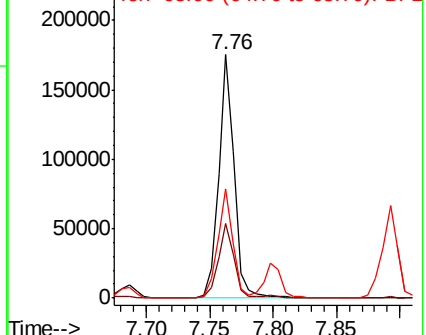
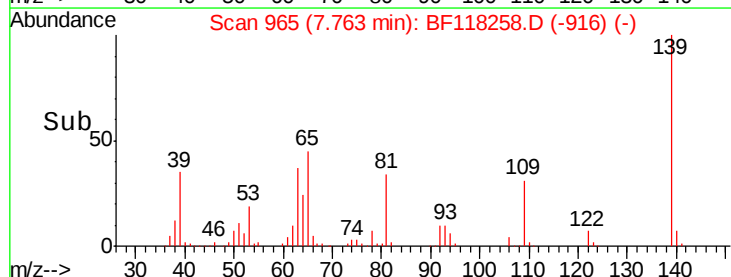
65 44.8 33.0 49.6

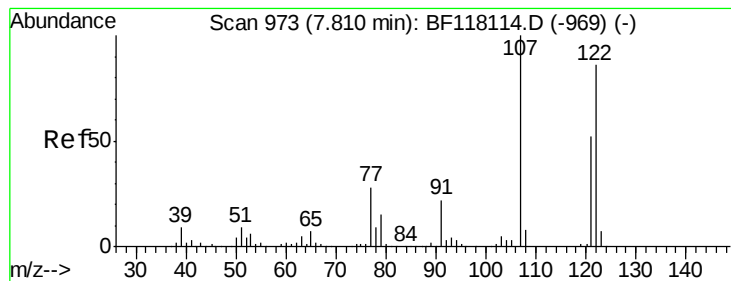


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.716 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

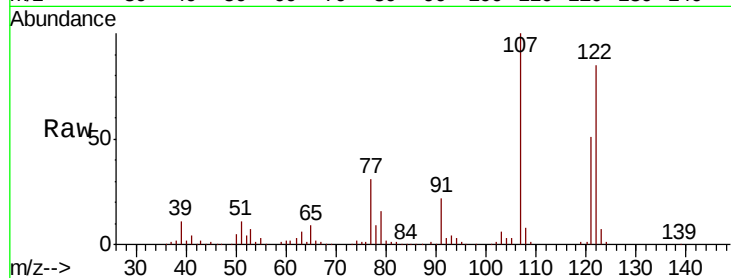
Tot Ion:122 Resp: 242976

Ion Ratio Lower Upper

122 100

107 118.0 92.9 139.3

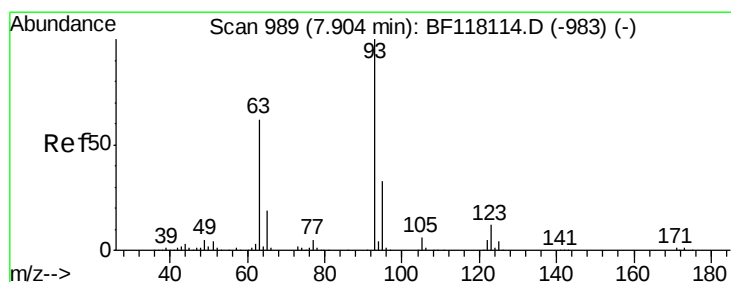
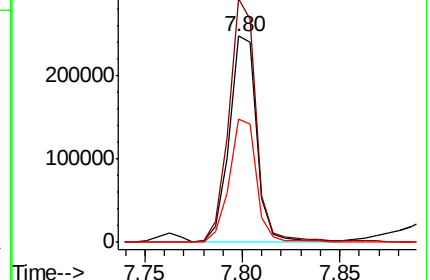
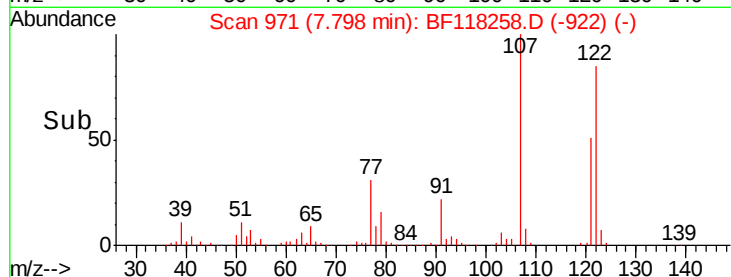
121 59.9 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.324 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

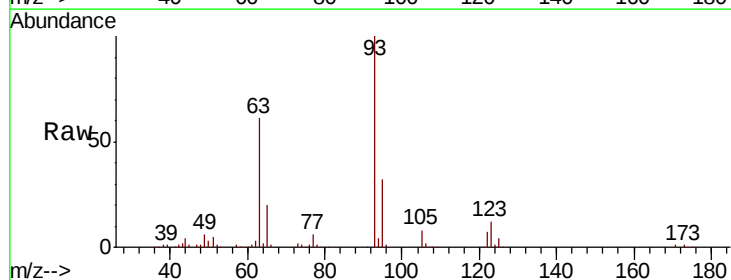
Tgt Ion: 93 Resp: 298759

Ion Ratio Lower Upper

93 100

95 32.1 26.7 40.1

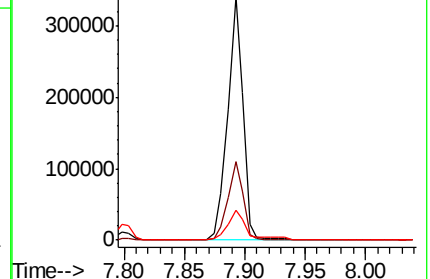
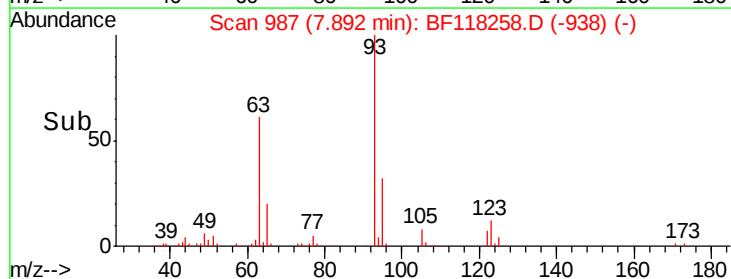
123 12.4 10.0 15.0

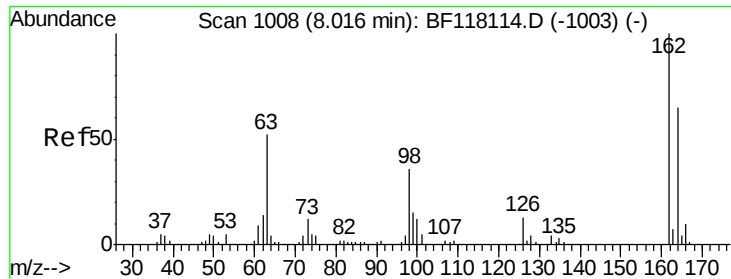


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

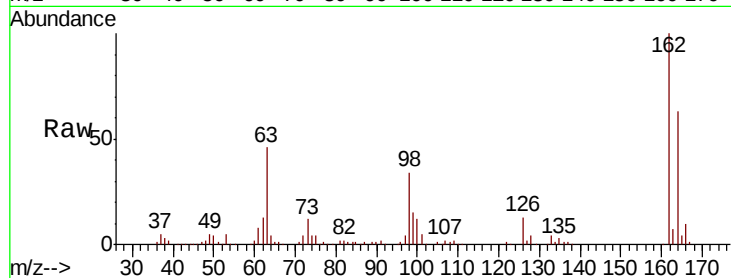




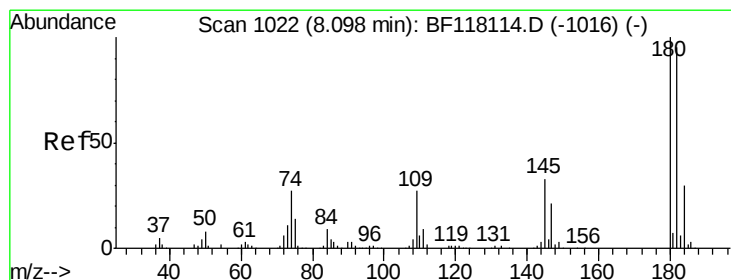
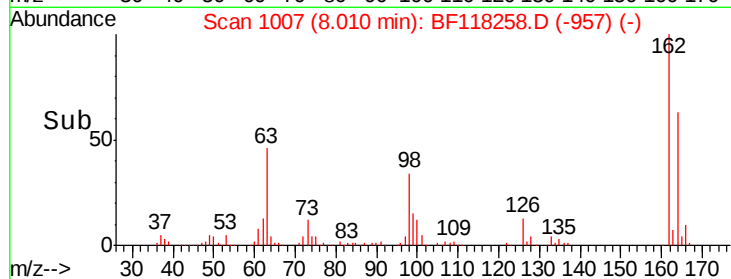
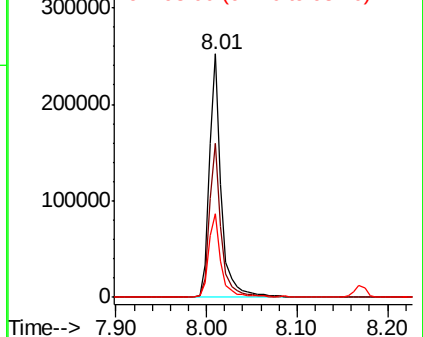
#29
 2,4-Dichlorophenol
 Concen: 38.770 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.2	85.2
98	34.1	15.9	55.9

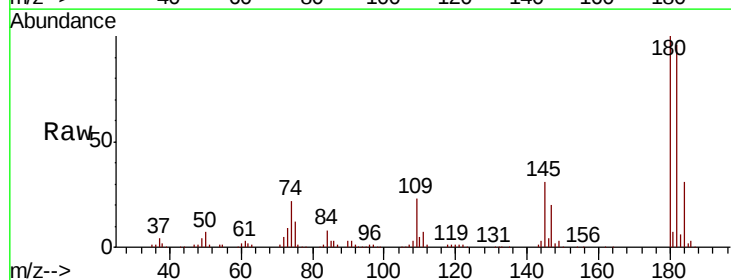


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

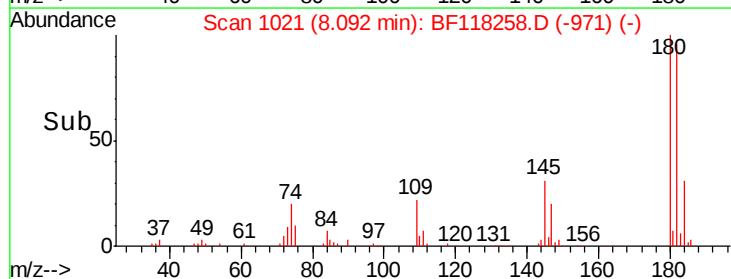
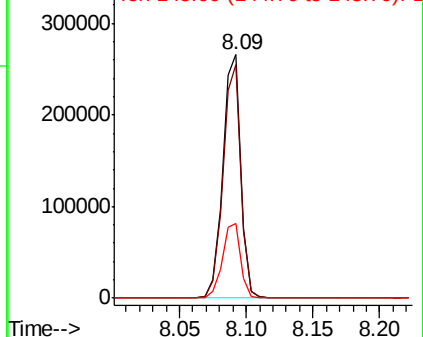


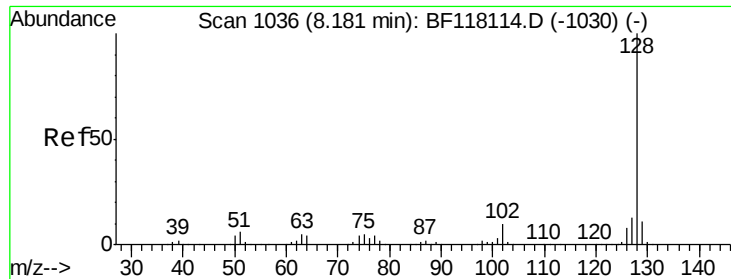
#30
 1,2,4-Trichlorobenzene
 Concen: 35.788 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	30.8	26.1	39.1



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

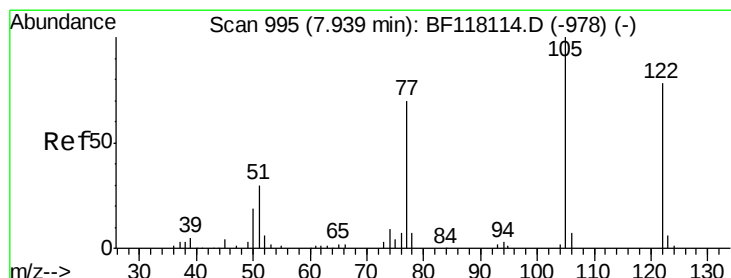
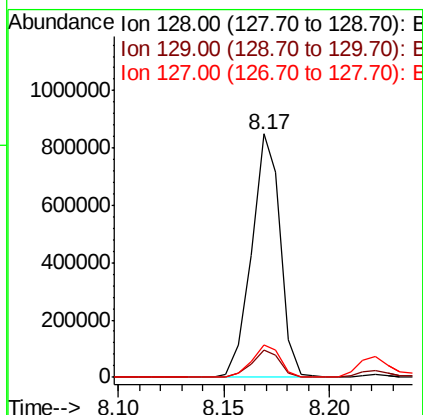
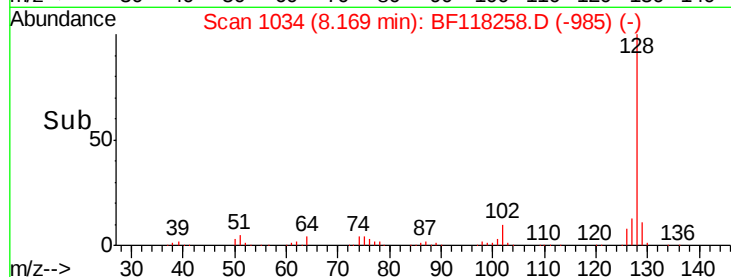
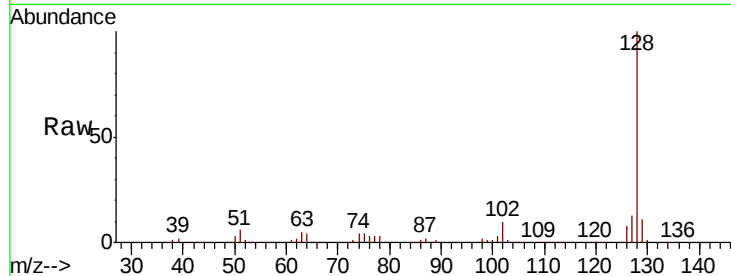




#31
Naphthalene
Concen: 38.243 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

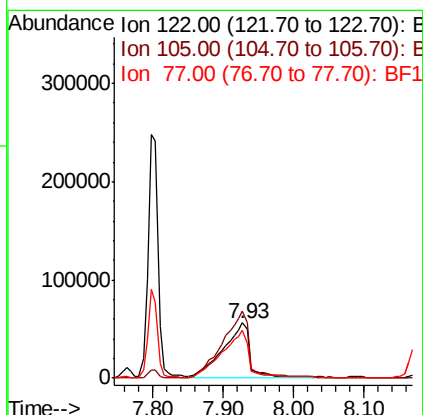
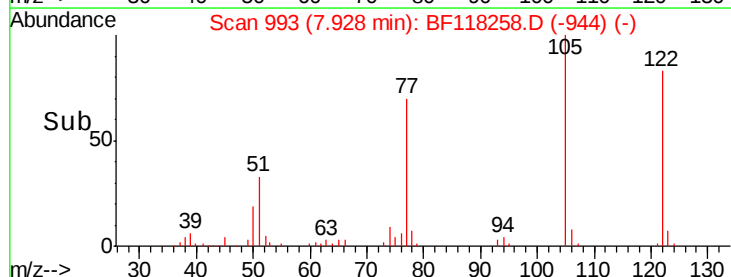
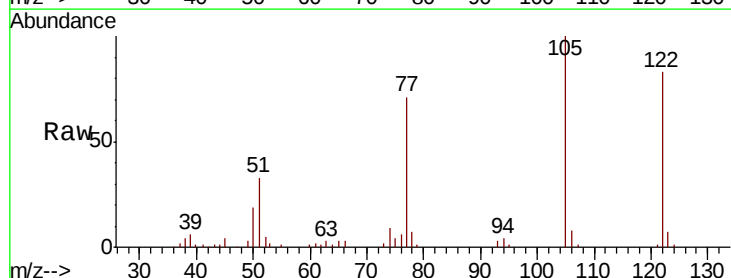
Instrument :
BNA_F
ClientSampleId :

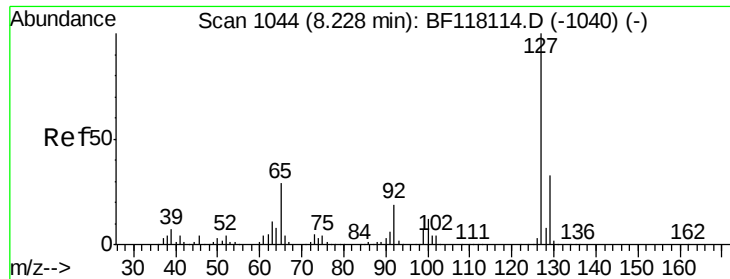
Tot Ion:128 Resp: 802293
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 31.289 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:122 Resp: 146935
Ion Ratio Lower Upper
122 100
105 120.1 104.7 144.7
77 85.4 69.1 109.1

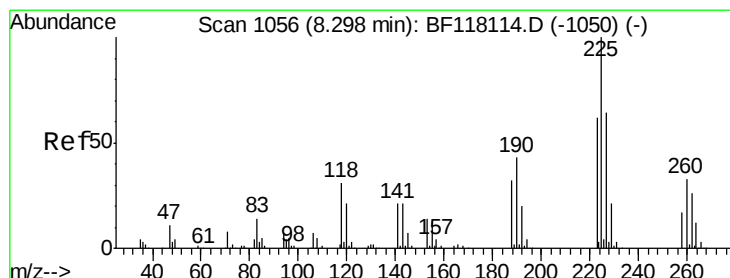
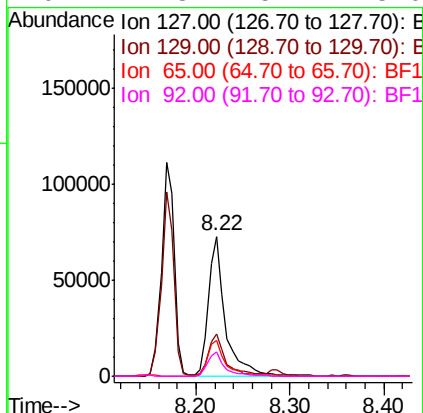
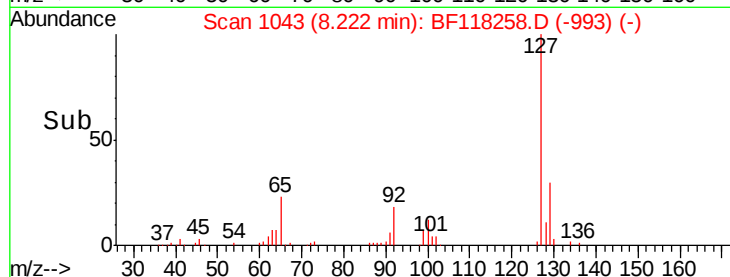
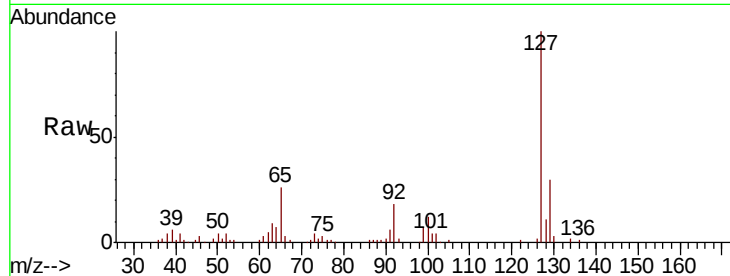




#33
4-Chloroaniline
Concen: 10.371 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

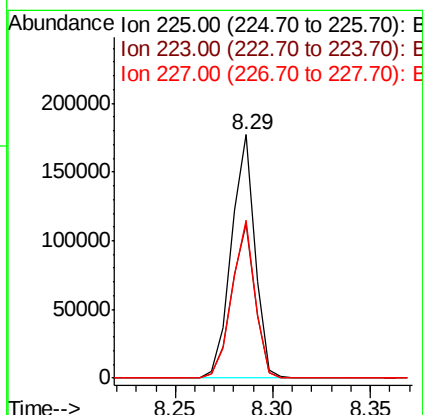
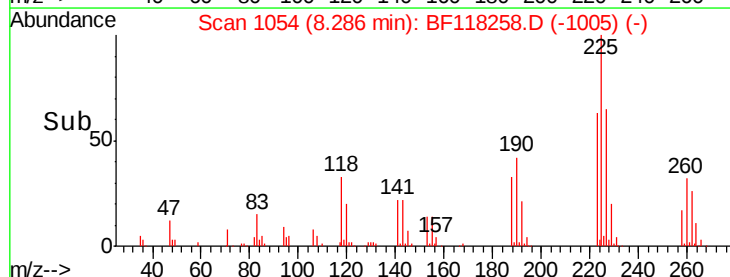
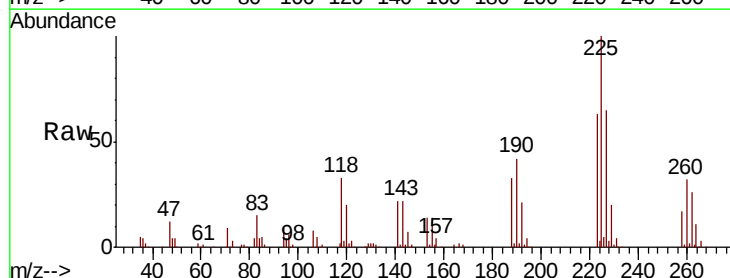
Instrument :
BNA_F
ClientSampleId :

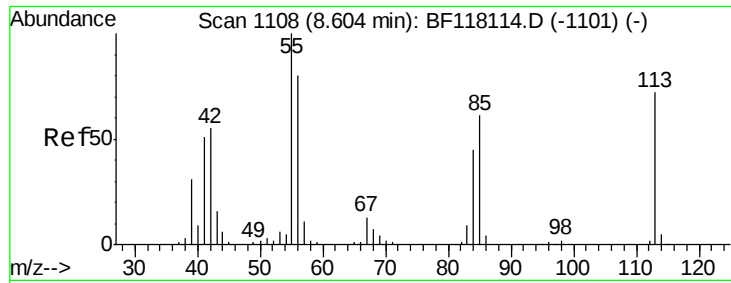
Tot Ion:	127	Resp:	93949
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.6	40.0
65	25.9	23.2	34.8
92	17.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 34.814 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:	225	Resp:	147926
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	65.1	51.0	76.6

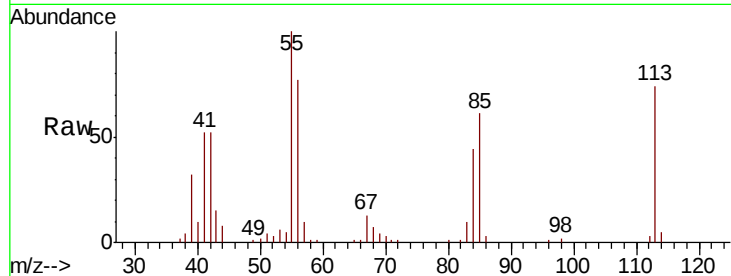




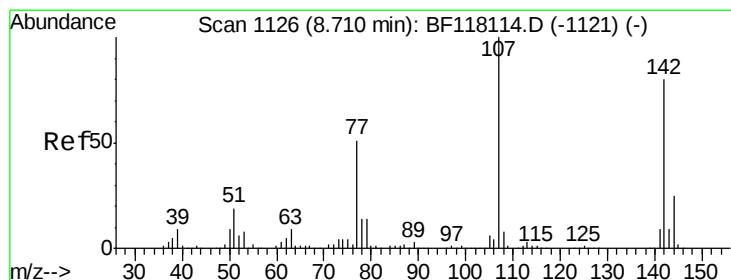
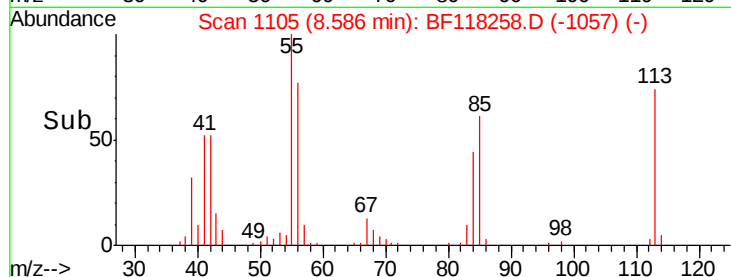
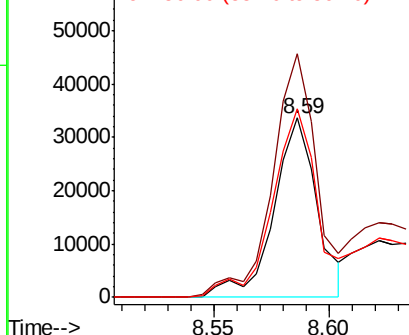
#35
Caprolactam
Concen: 23.349 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 43658
Ion Ratio Lower Upper
113 100
55 135.7 118.9 158.9
56 104.8 91.4 131.4

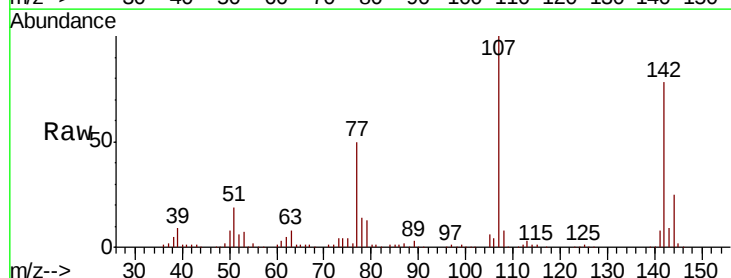


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

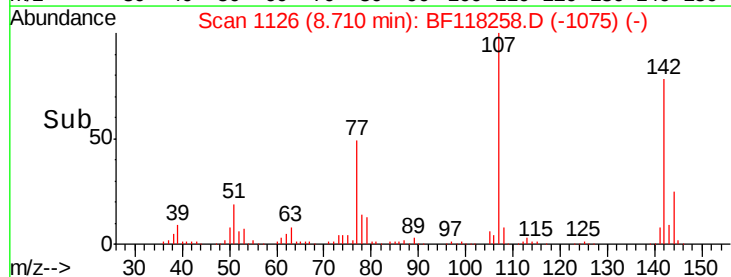
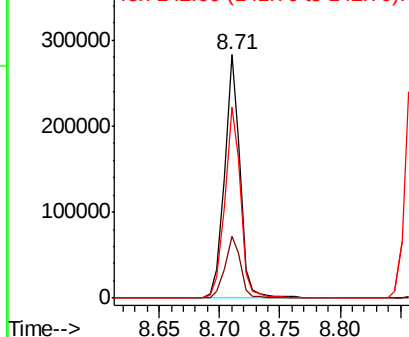


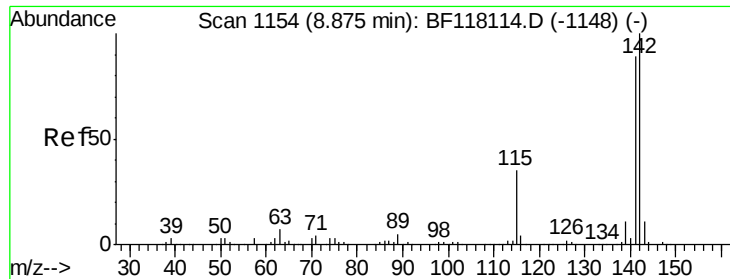
#36
4-Chloro-3-methylphenol
Concen: 39.069 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:107 Resp: 249286
Ion Ratio Lower Upper
107 100
144 25.3 20.3 30.5
142 78.5 63.7 95.5



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

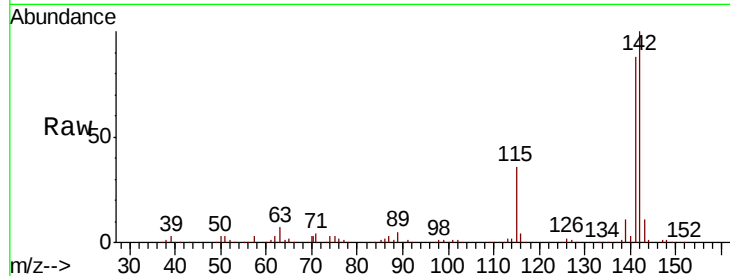




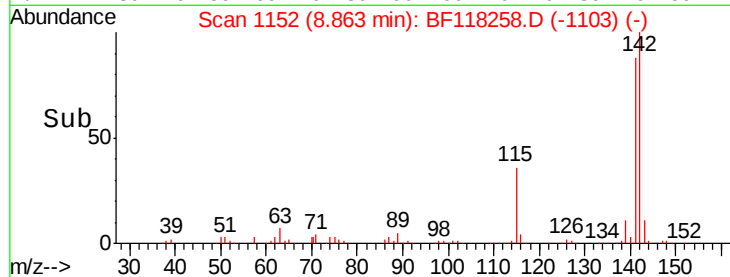
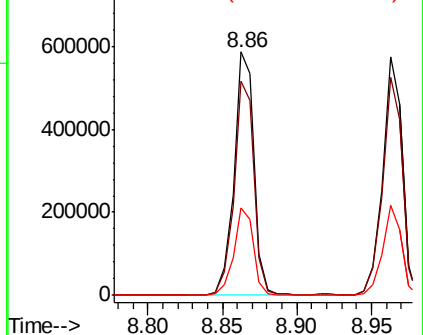
#37
2-Methylnaphthalene
Concen: 38.893 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.0
115	35.7	28.2	42.4

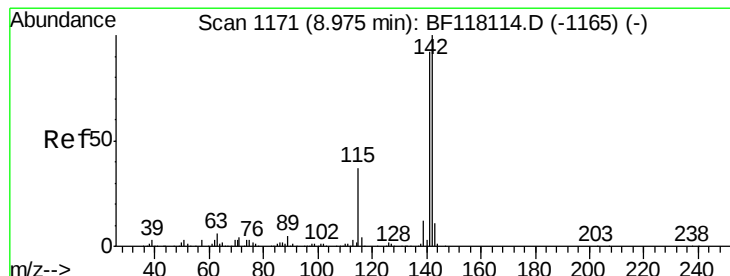


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

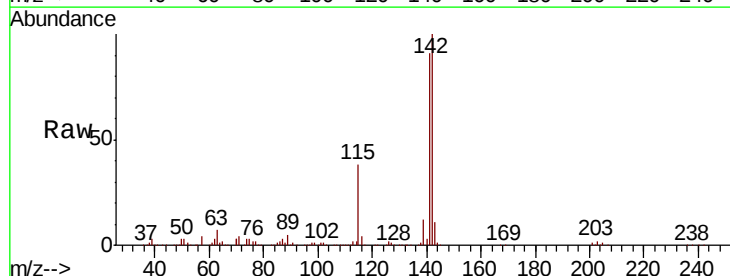
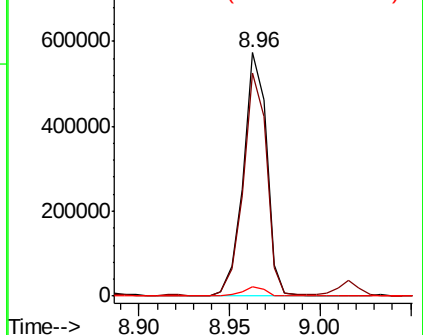


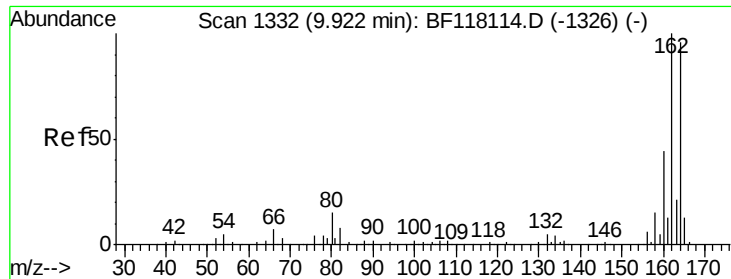
#38
1-Methylnaphthalene
Concen: 38.176 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.0	111.0
116	3.8	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

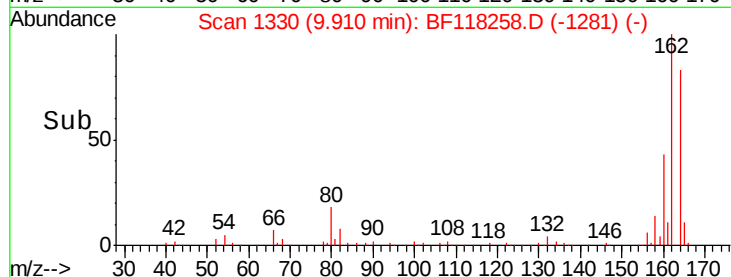
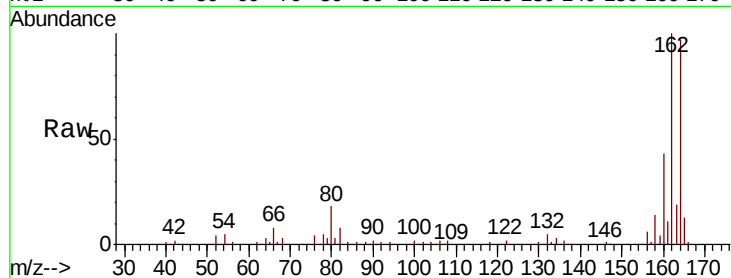
Tot Ion:164 Resp: 223332

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

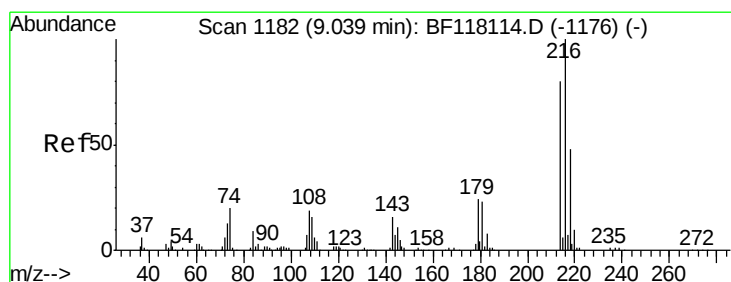
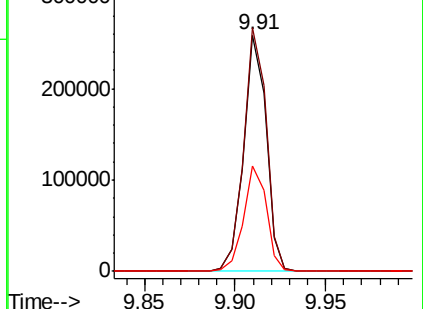
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.317 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Tgt Ion:216 Resp: 245706

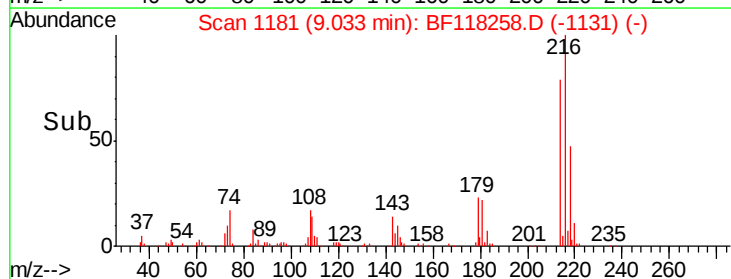
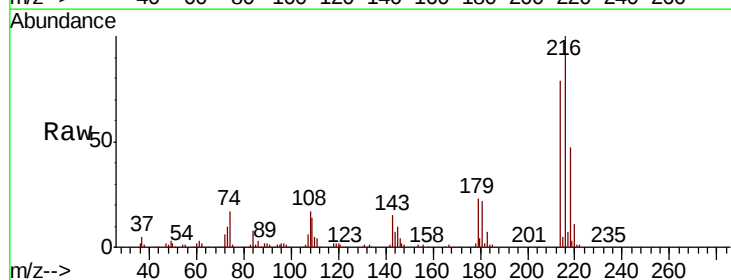
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 23.0 18.6 27.8

108 20.6 15.4 23.0

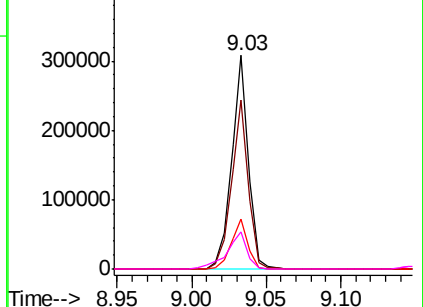


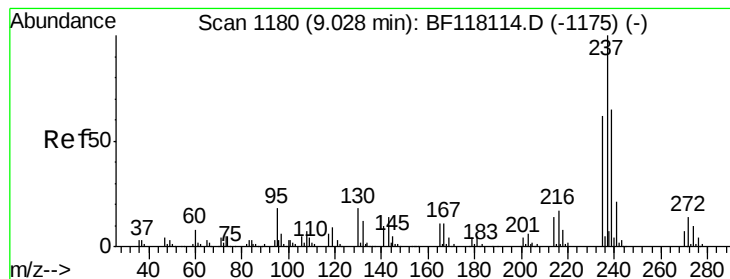
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.749 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

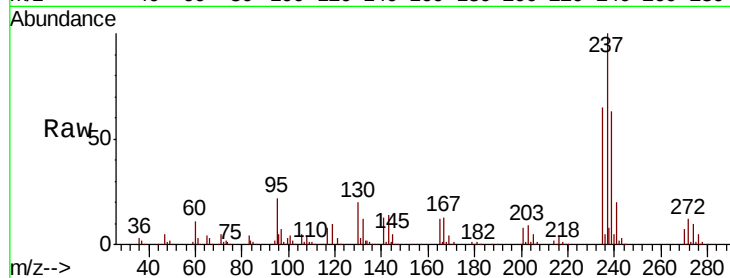
Tot Ion:237 Resp: 226584

Ion Ratio Lower Upper

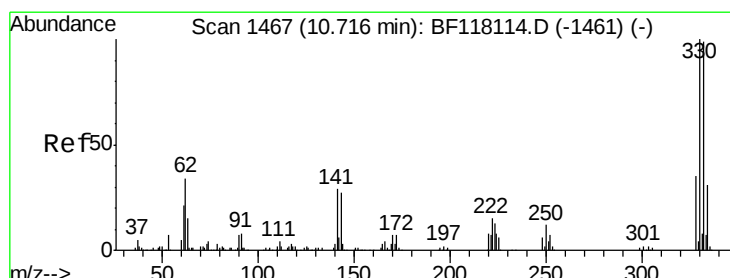
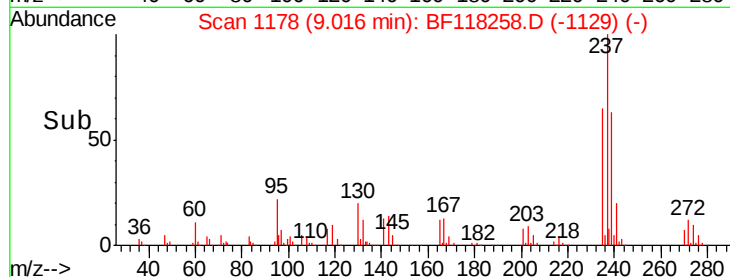
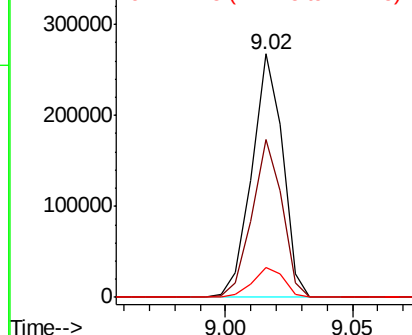
237 100

235 64.9 41.5 81.5

272 12.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 109.622 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

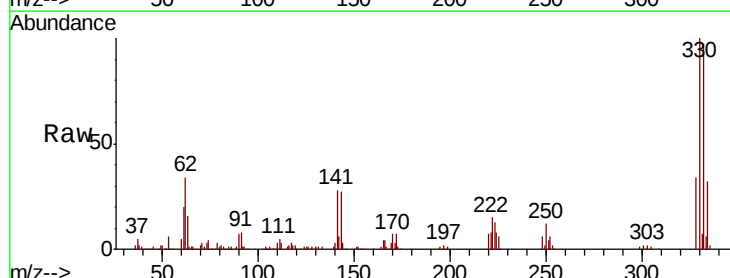
Tgt Ion:330 Resp: 297414

Ion Ratio Lower Upper

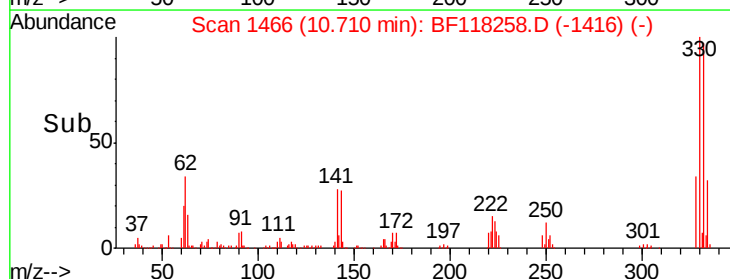
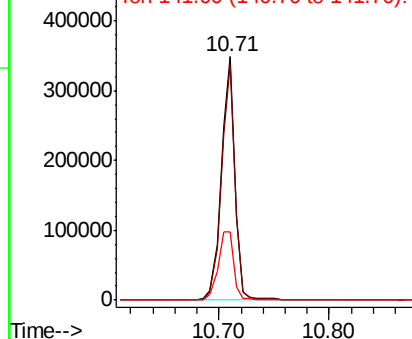
330 100

332 96.3 78.1 117.1

141 32.0 26.9 40.3



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

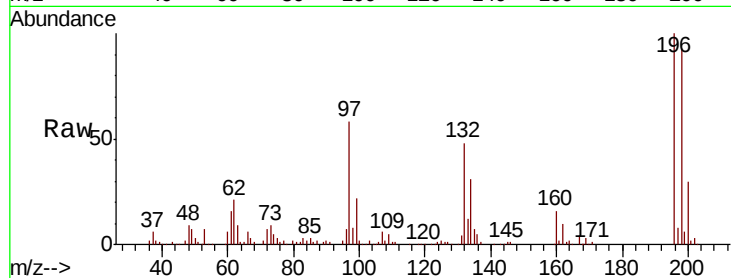




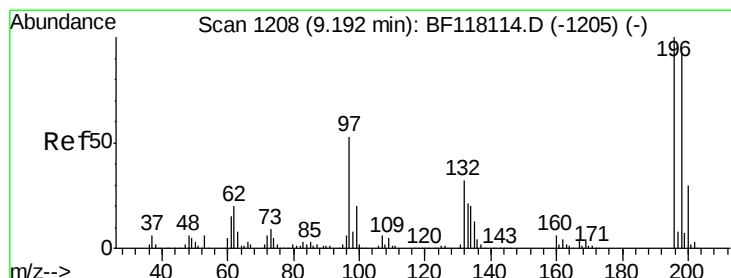
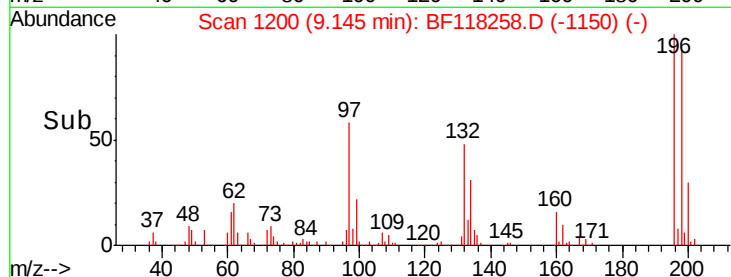
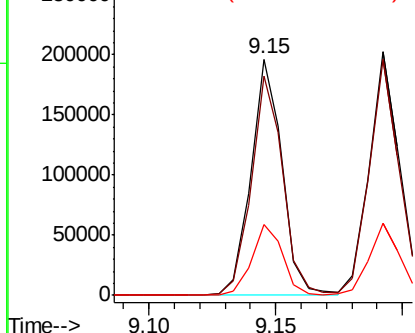
#43
 2,4,6-Trichlorophenol
 Concen: 37.196 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	168021
Ion	Ratio	Lower Upper
196	100	
198	92.8	75.0 112.4
200	29.9	24.5 36.7

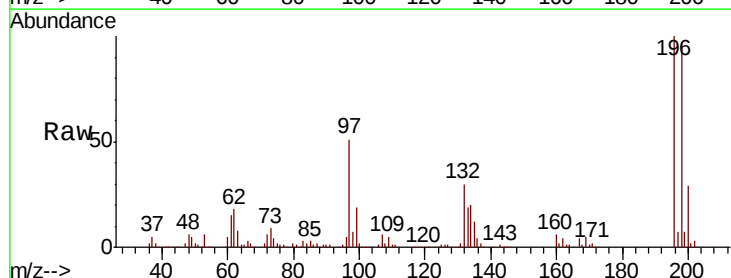


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

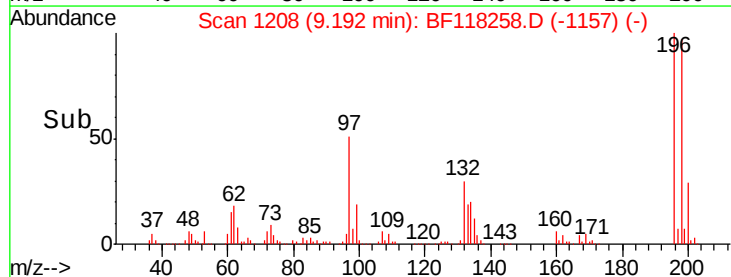
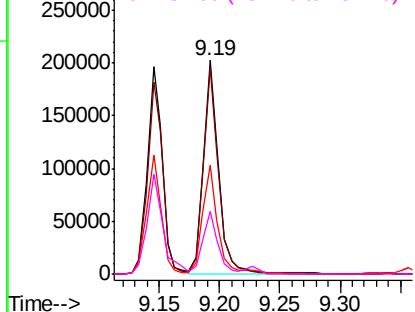


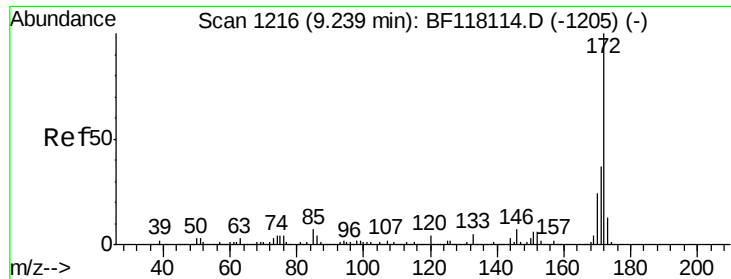
#44
 2,4,5-Trichlorophenol
 Concen: 37.942 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion:196	Resp:	177568
Ion	Ratio	Lower Upper
196	100	
198	96.7	74.2 111.4
97	51.2	42.5 63.7
132	29.5	25.4 38.2



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

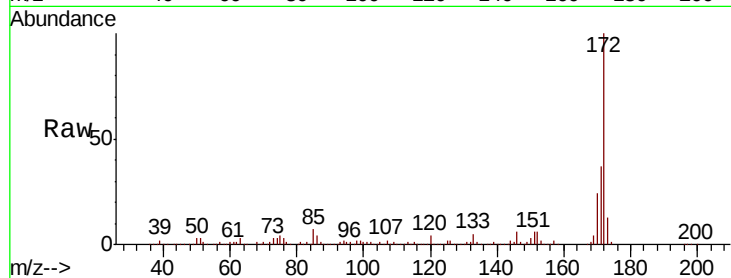




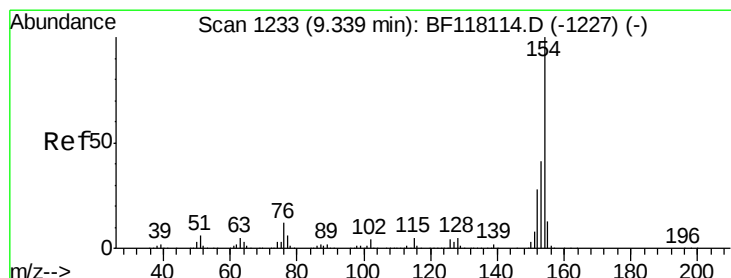
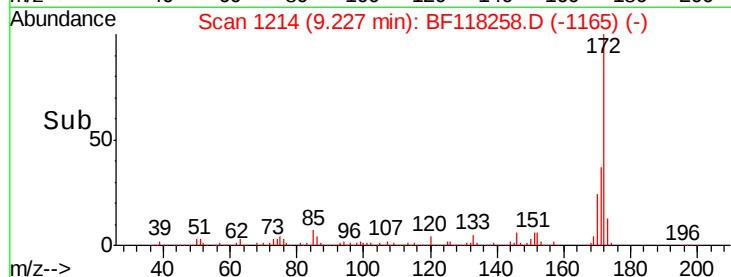
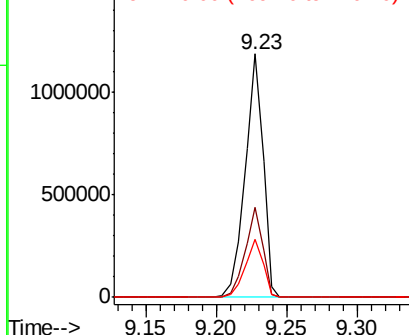
#45
2-Fluorobiphenyl
Concen: 71.669 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1051893
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.0 19.4 29.2

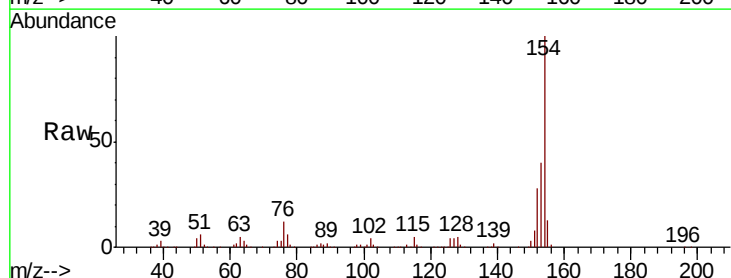


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

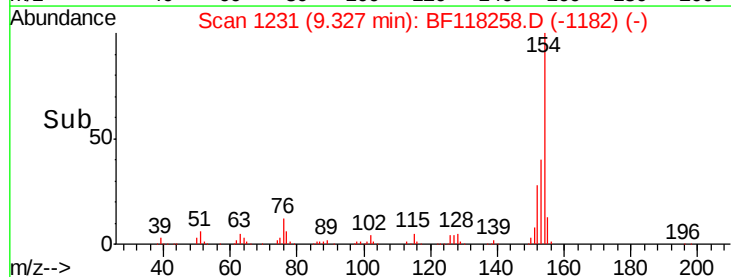
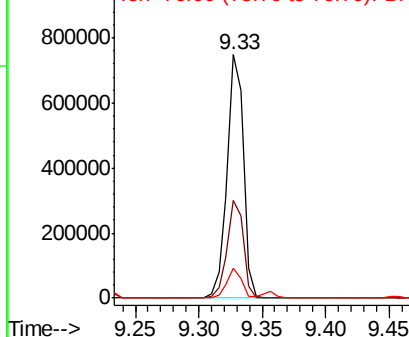


#46
1,1'-Biphenyl
Concen: 37.923 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:154 Resp: 667975
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 12.3 0.0 31.9



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

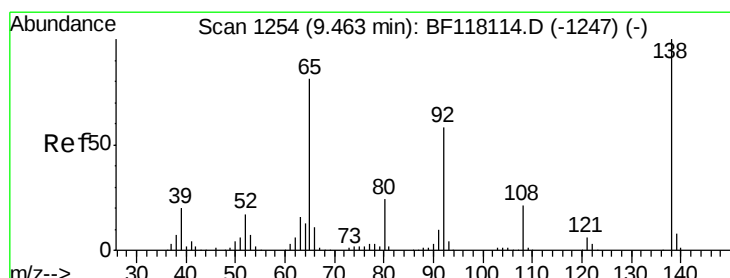
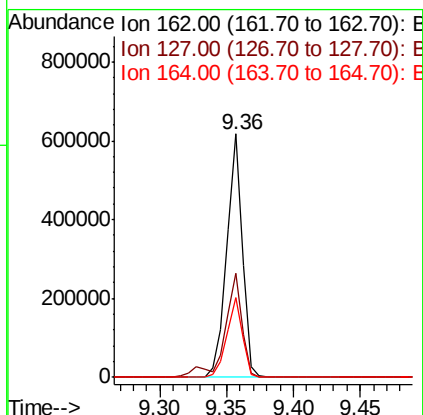
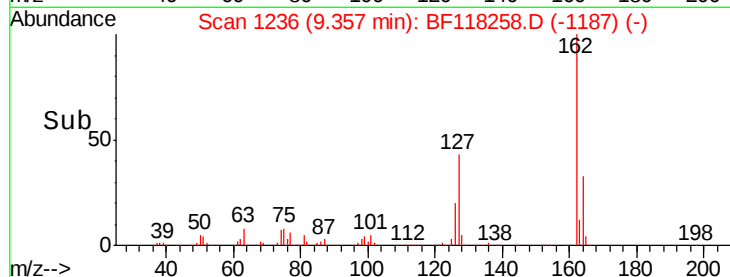
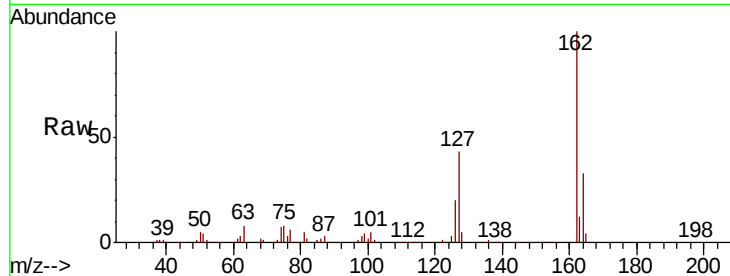




#47
2-Chloronaphthalene
Concen: 36.404 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

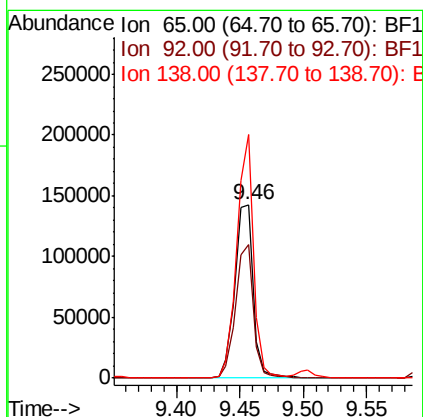
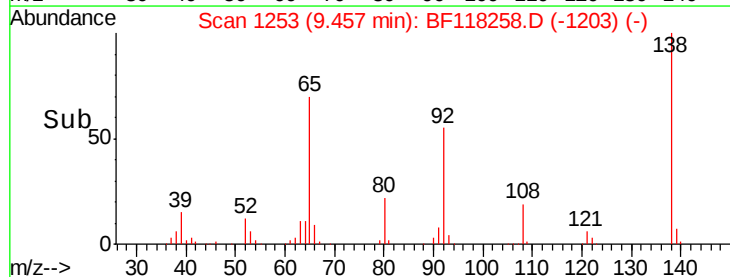
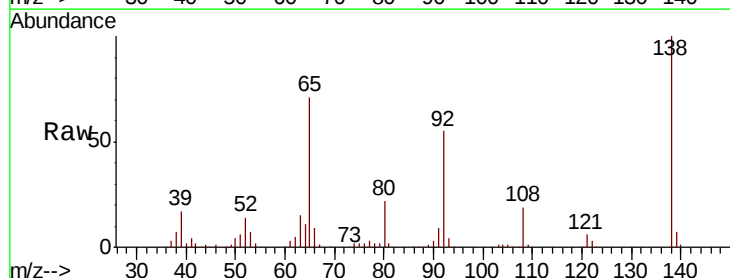
Instrument :
BNA_F
ClientSampleId :

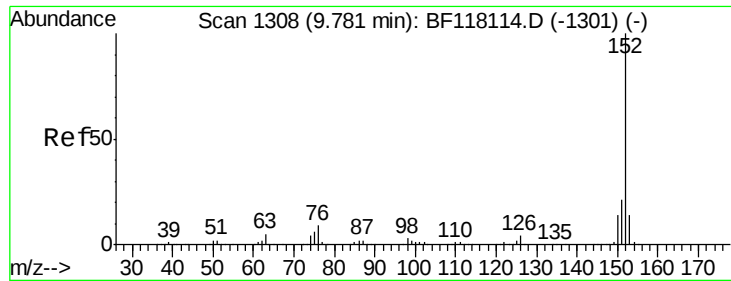
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.0	48.0
164	32.8	26.1	39.1



#48
2-Nitroaniline
Concen: 35.485 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.0	57.8	86.6
138	140.4	98.8	148.2





#49

Acenaphthylene

Concen: 39.911 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

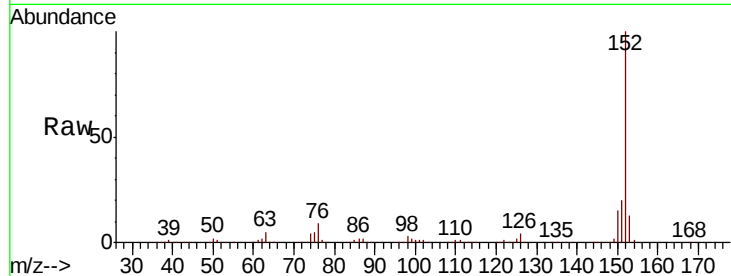
Tot Ion:152 Resp: 834054

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

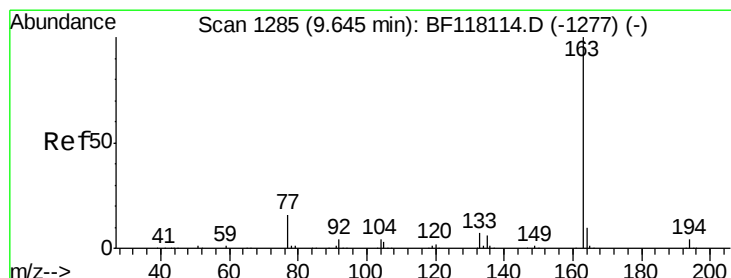
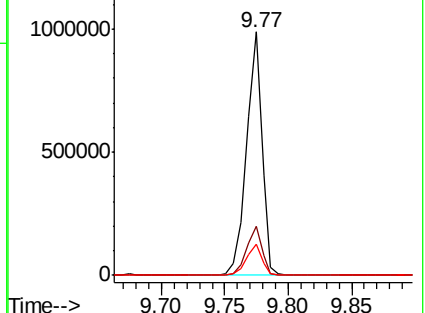
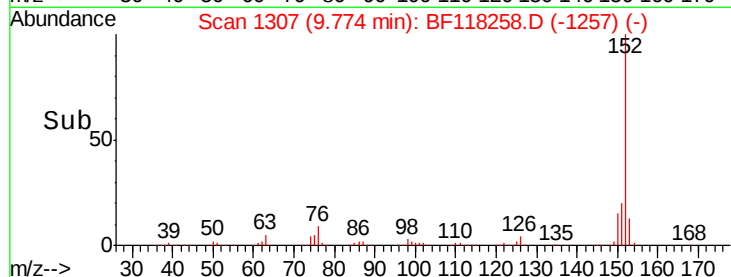
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.386 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

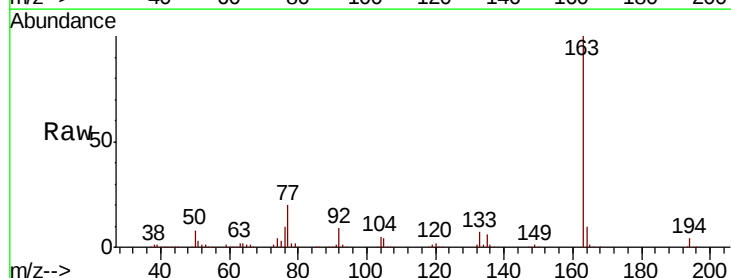
Tgt Ion:163 Resp: 666221

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

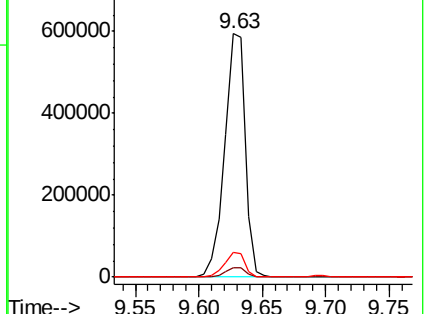
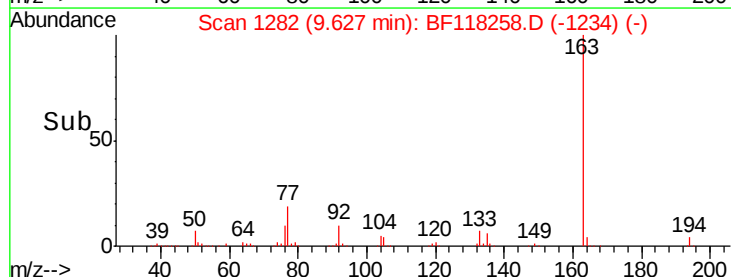
164 10.1 7.7 11.5

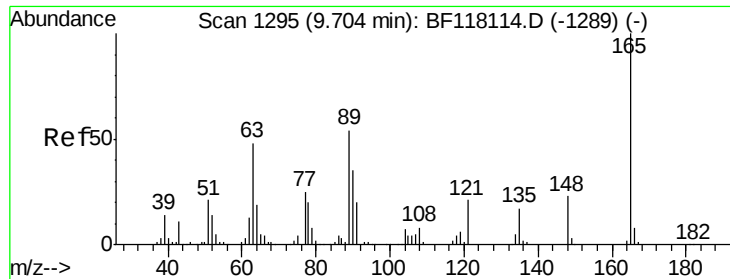


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

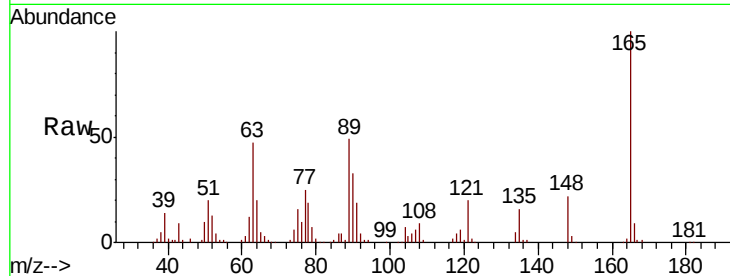




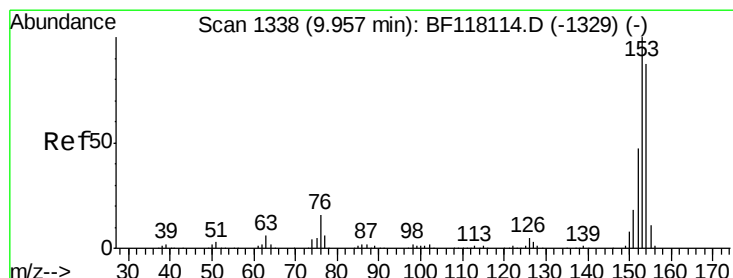
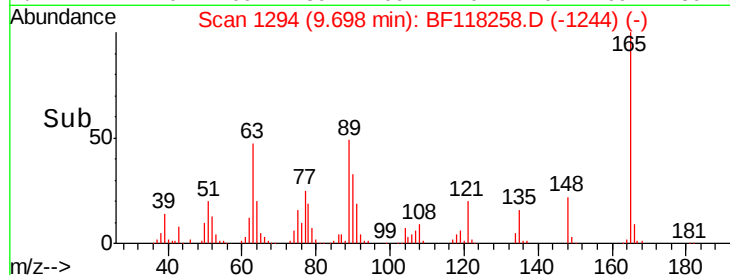
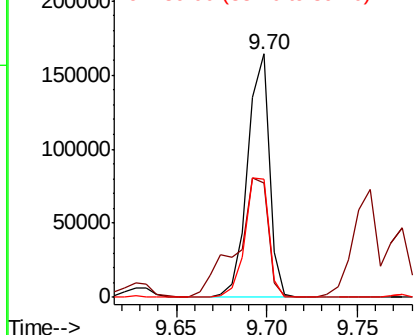
#51
2,6-Dinitrotoluene
Concen: 38.296 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	41.4	62.0
89	48.6	42.9	64.3

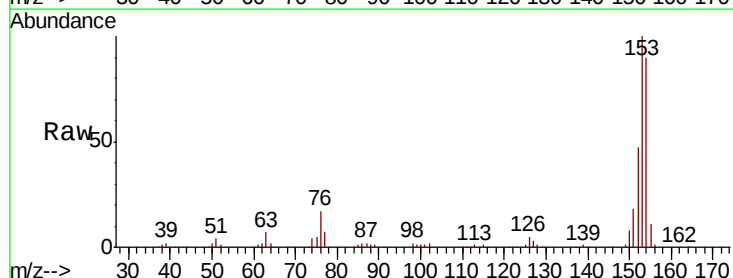


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

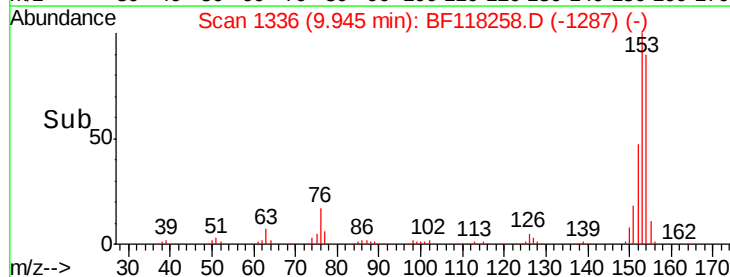
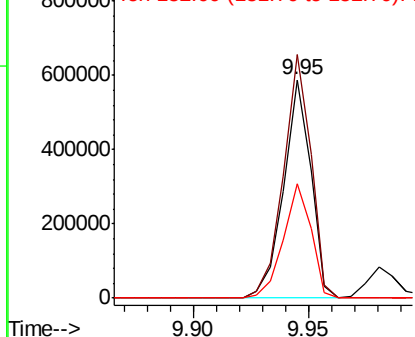


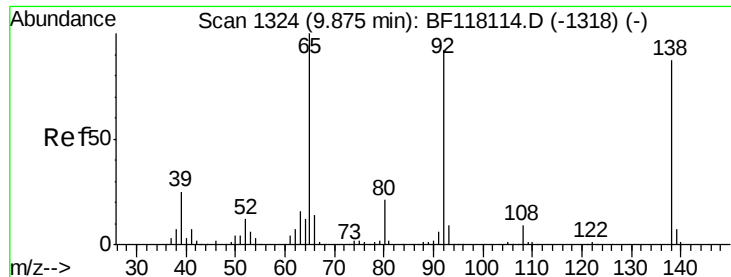
#52
Acenaphthene
Concen: 37.551 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.8	137.6
152	52.6	43.3	64.9



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





#53

3-Nitroaniline

Concen: 18.235 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

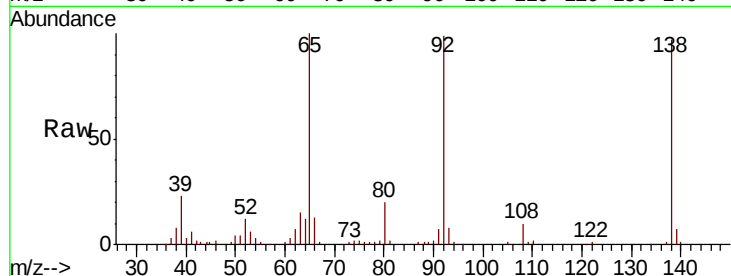
Tot Ion:138 Resp: 76978

Ion Ratio Lower Upper

138 100

108 10.6 8.2 12.4

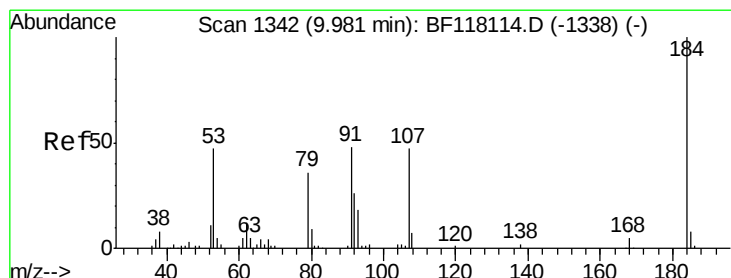
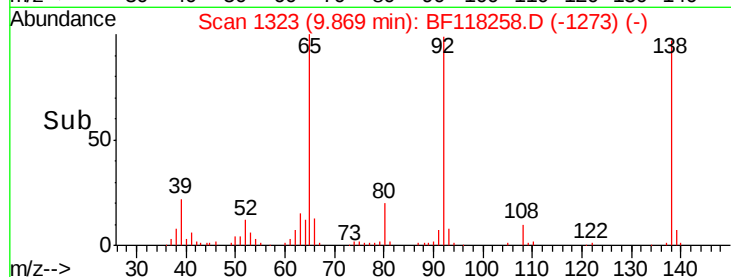
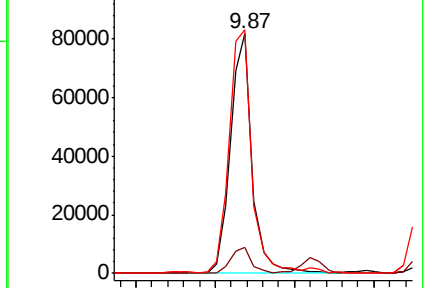
92 101.6 84.9 127.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 67.494 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

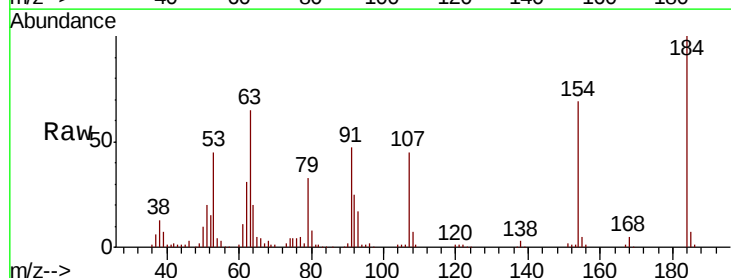
Tgt Ion:184 Resp: 120449

Ion Ratio Lower Upper

184 100

63 64.6 53.9 80.9

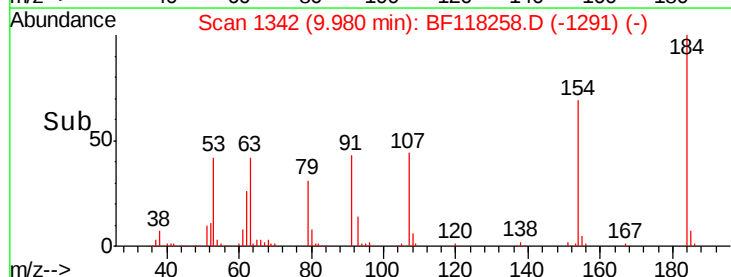
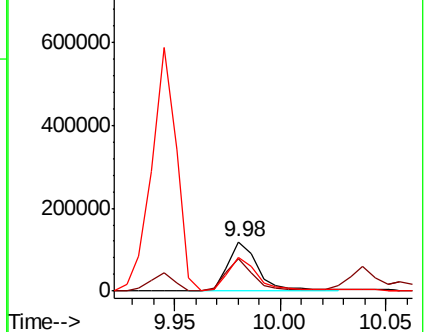
154 69.0 56.3 84.5

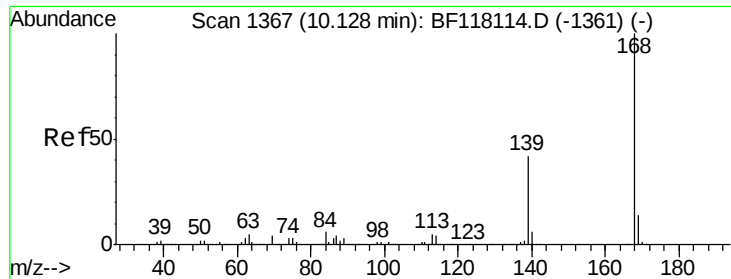


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

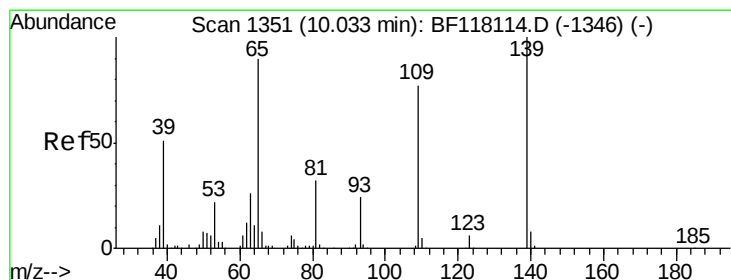
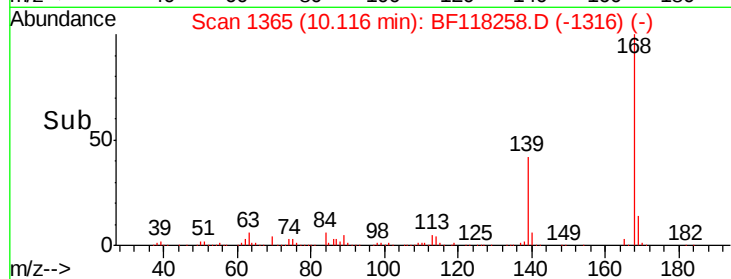
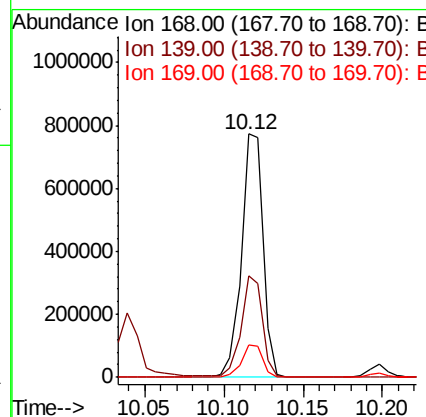
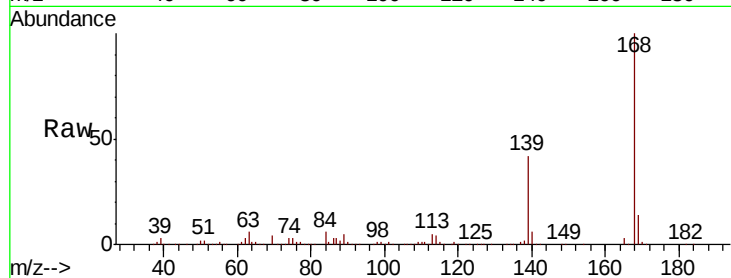




#55
Dibenzofuran
Concen: 39.137 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

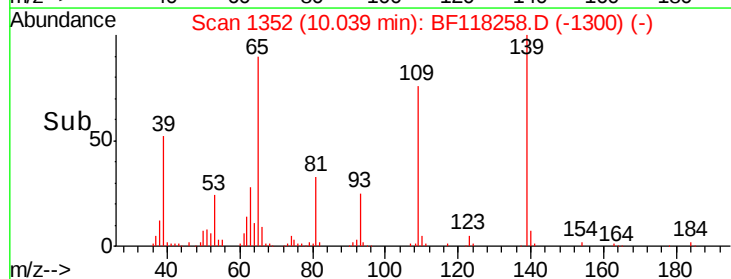
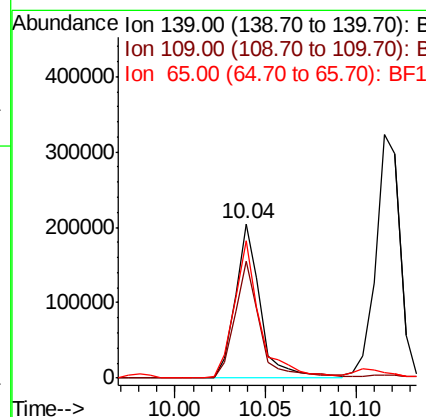
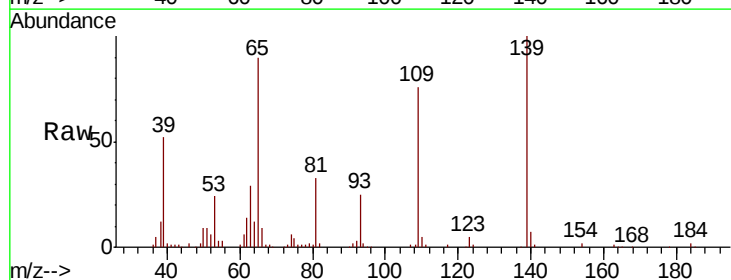
Instrument :
BNA_F
ClientSampleId :

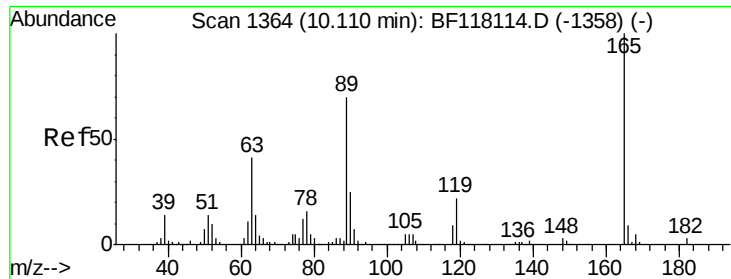
Tot Ion:168 Resp: 731483
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 67.770 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:139 Resp: 198539
Ion Ratio Lower Upper
139 100
109 76.3 57.3 97.3
65 89.6 70.2 110.2

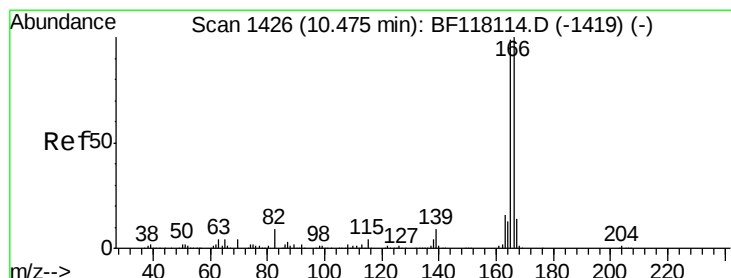
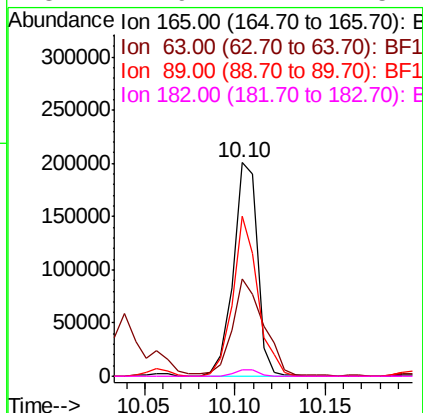
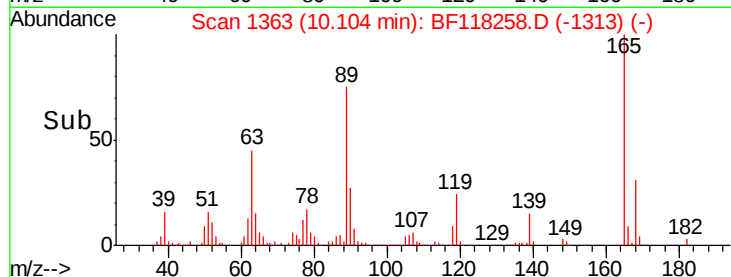
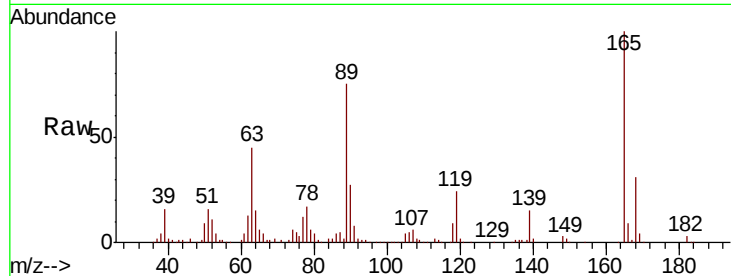




#57
 2,4-Dinitrotoluene
 Concen: 38.994 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

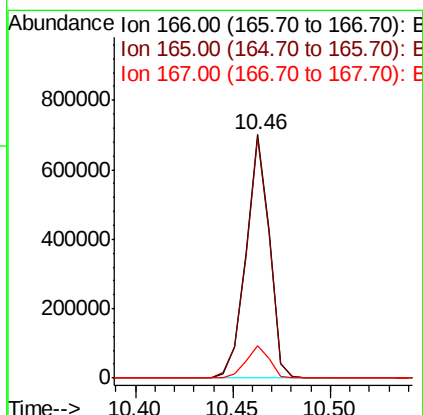
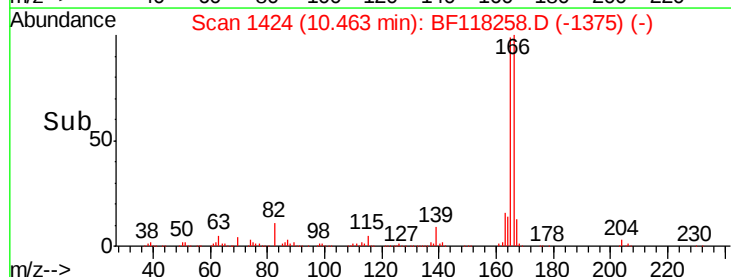
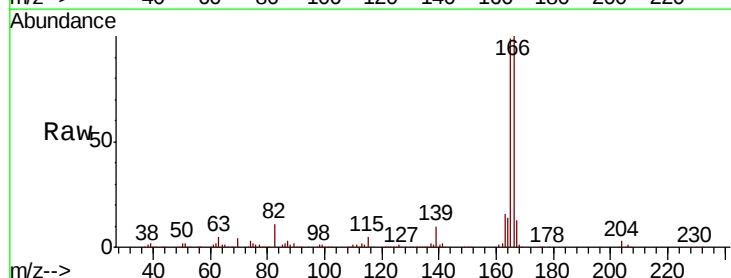
Instrument :
 BNA_F
 ClientSampleId :

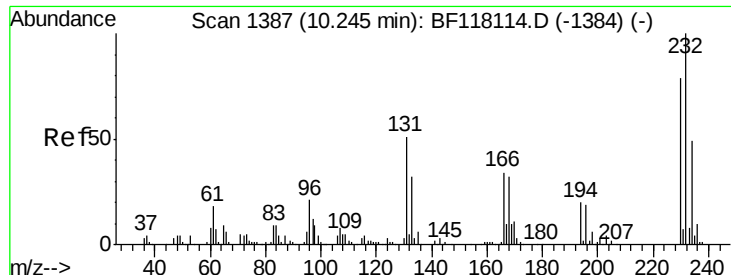
Tot Ion:165	Resp:	186693
Ion Ratio	Lower	Upper
165	100	
63	45.3	32.6 49.0
89	75.0	56.1 84.1
182	2.9	2.1 3.1



#58
 Fluorene
 Concen: 38.894 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion:166	Resp:	577696
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.0 118.4
167	13.4	10.9 16.3

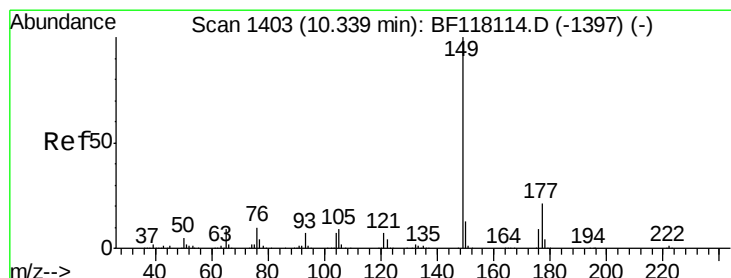
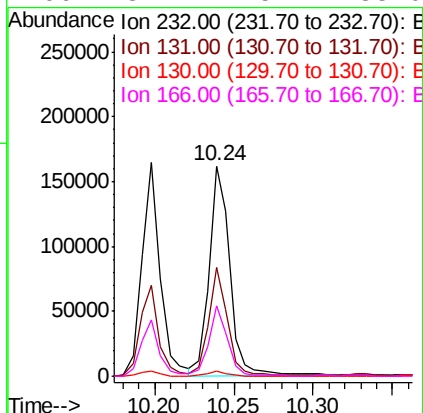
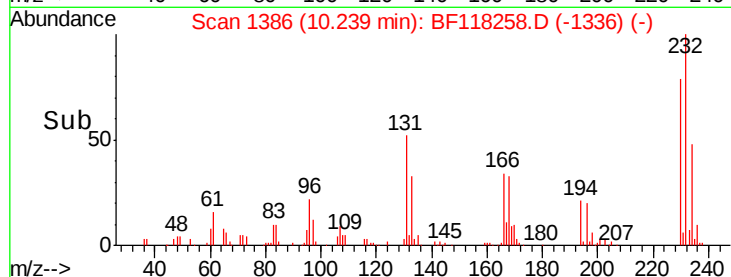
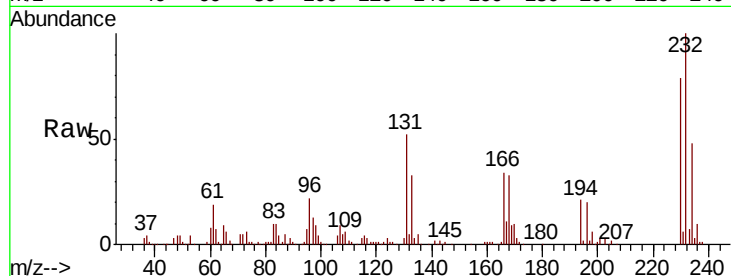




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.922 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

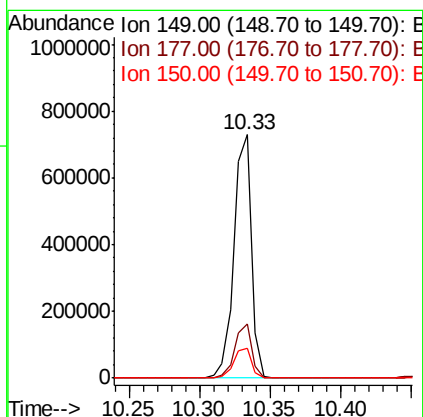
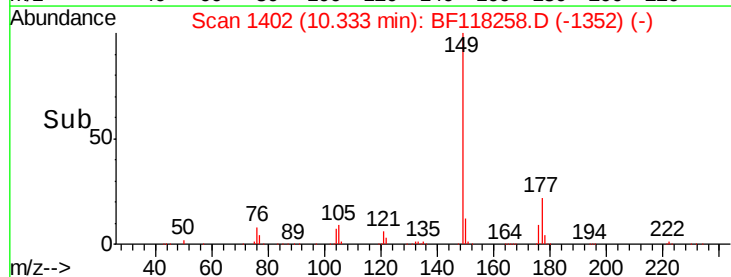
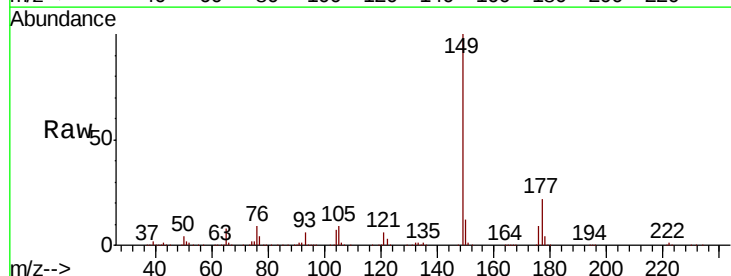
Instrument :
 BNA_F
 ClientSampleId :

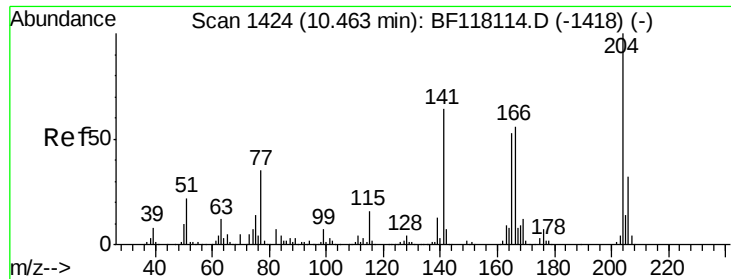
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.8	58.2
130	2.4	1.9	2.9
166	31.2	25.4	38.0



#60
 Diethylphthalate
 Concen: 38.685 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.4
150	12.4	10.1	15.1

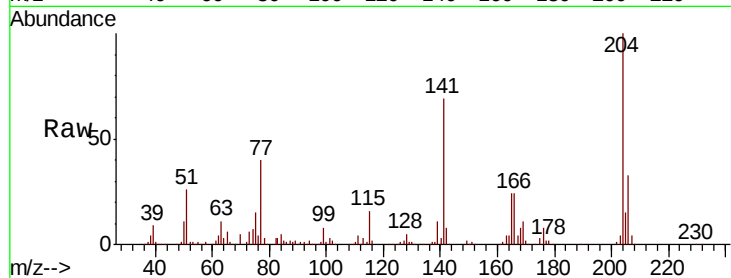




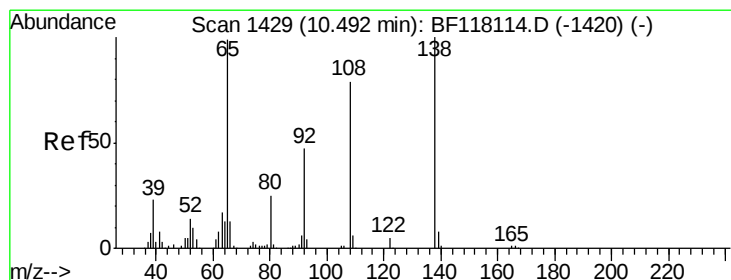
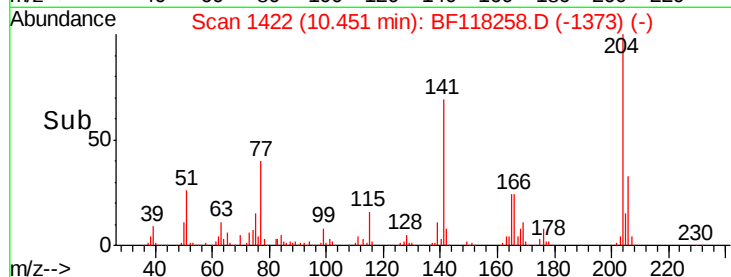
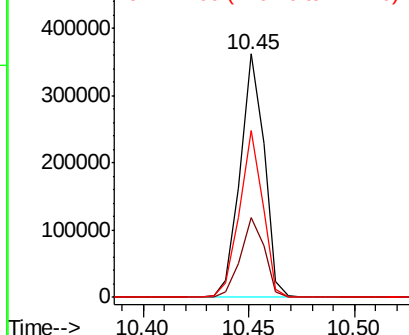
#61
4-Chlorophenyl-phenylether
Concen: 38.090 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 284659
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 68.6 51.0 76.6

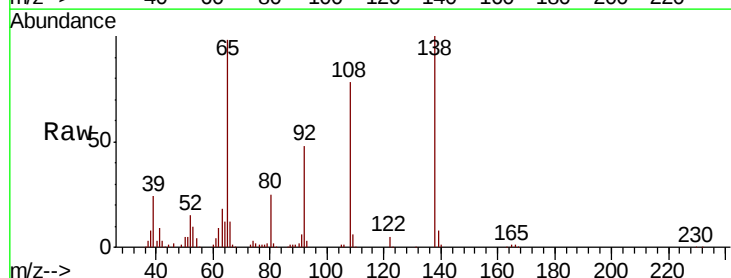


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

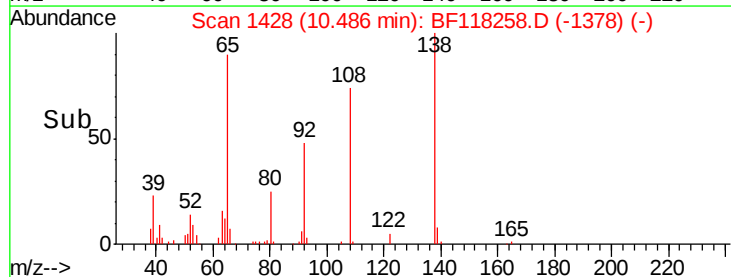
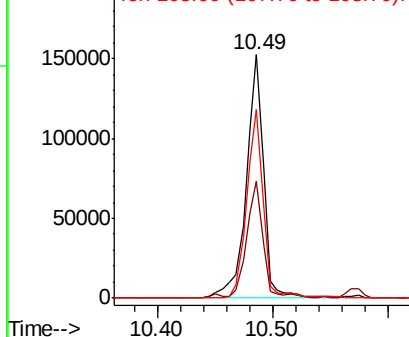


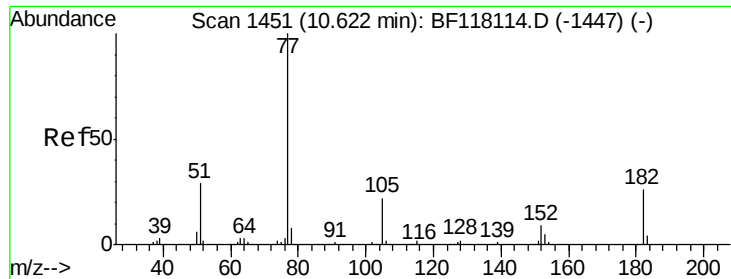
#62
4-Nitroaniline
Concen: 35.884 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:138 Resp: 157985
Ion Ratio Lower Upper
138 100
92 47.9 27.1 67.1
108 77.6 59.0 99.0



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

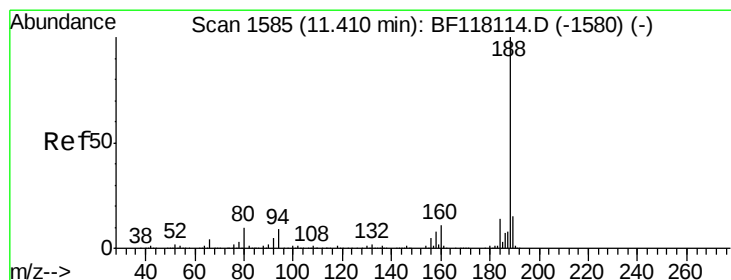
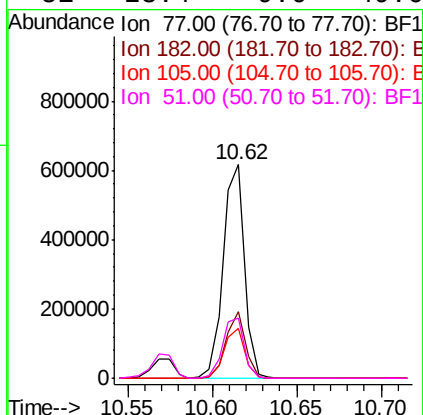
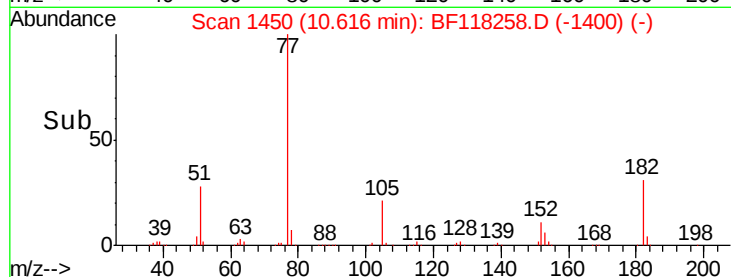
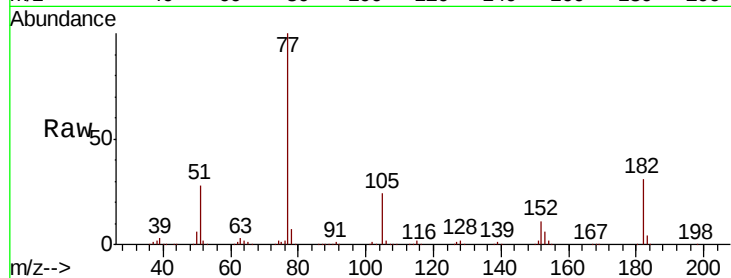




#63
Azobenzene
Concen: 38.915 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

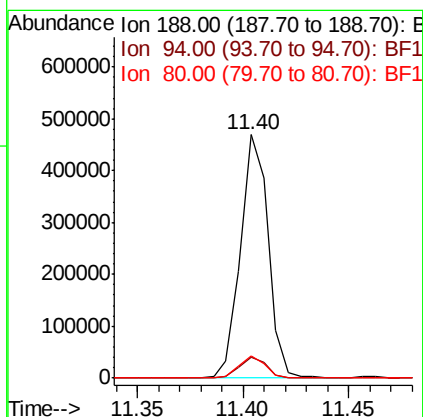
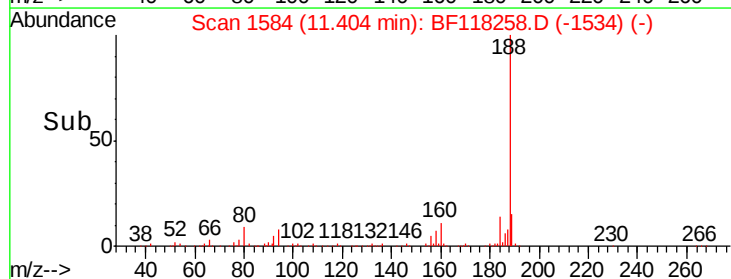
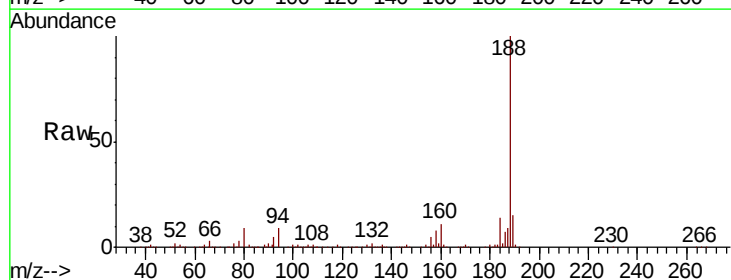
Instrument :
BNA_F
ClientSampleId :

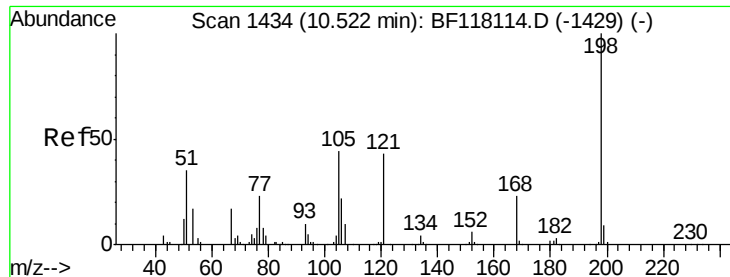
Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	5.7	45.7
105	23.6	2.2	42.2
51	28.4	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.0	7.9	11.9

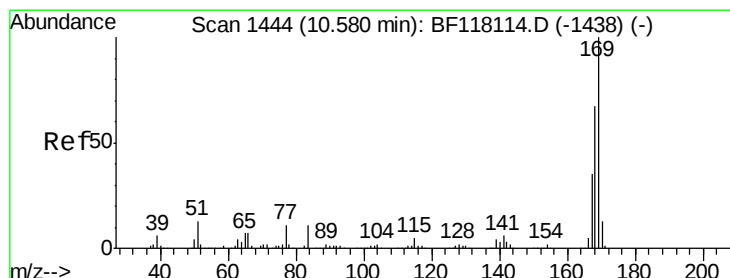
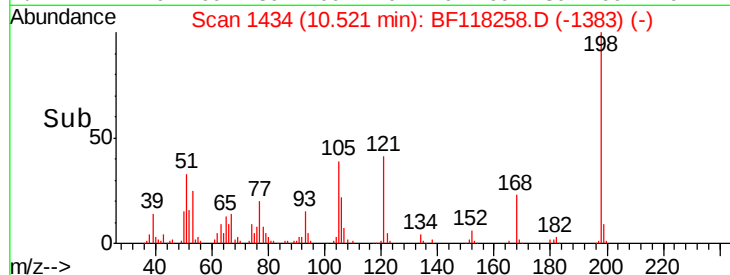
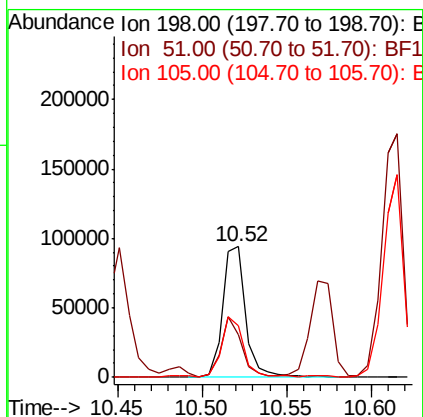
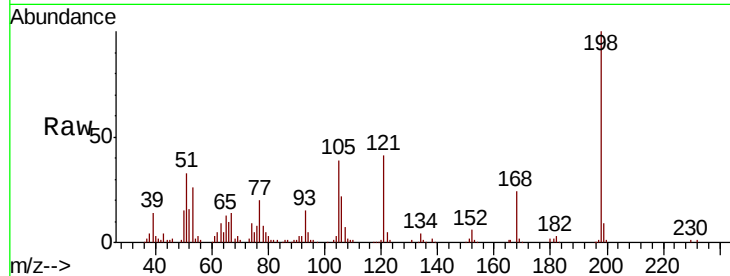




#65
4,6-Dinitro-2-methylphenol
Concen: 38.342 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

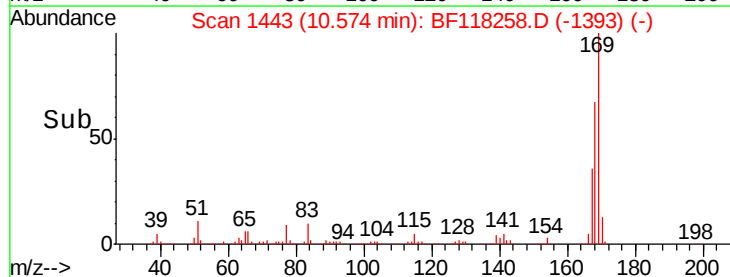
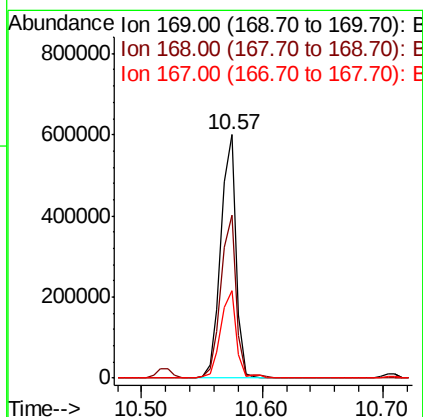
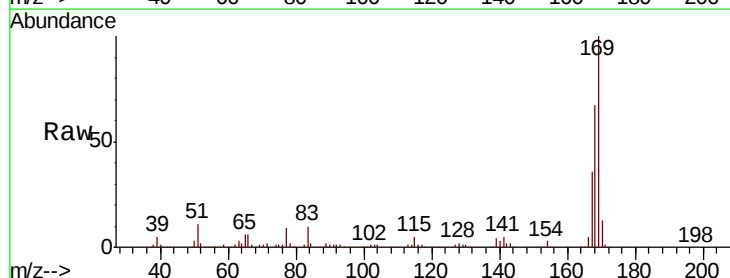
Instrument :
BNA_F
ClientSampleId :

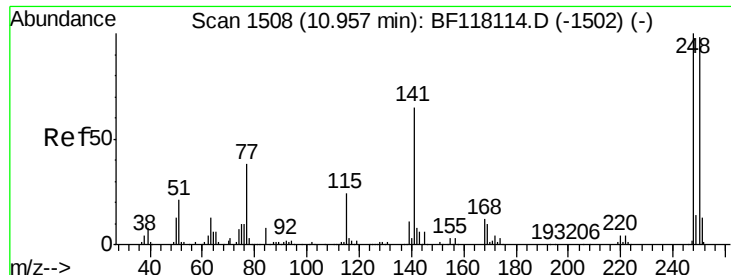
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.2	22.0	62.0
105	39.5	25.6	65.6



#66
n-Nitrosodiphenylamine
Concen: 38.937 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.2
167	35.7	28.4	42.6

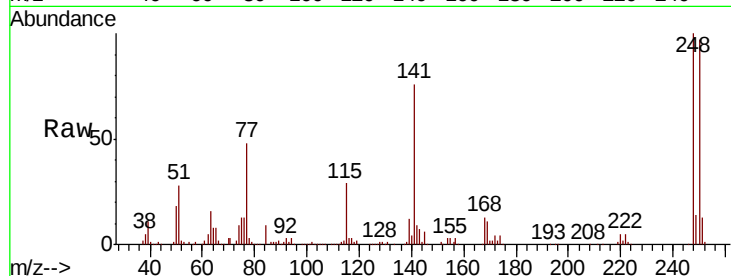




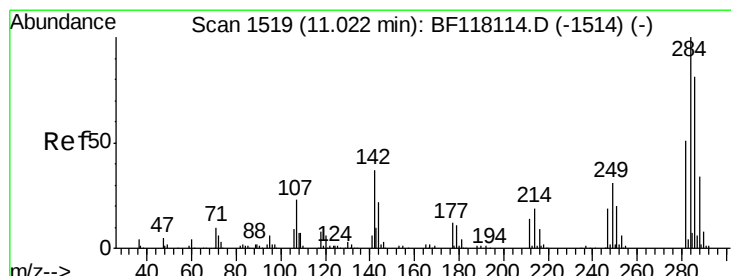
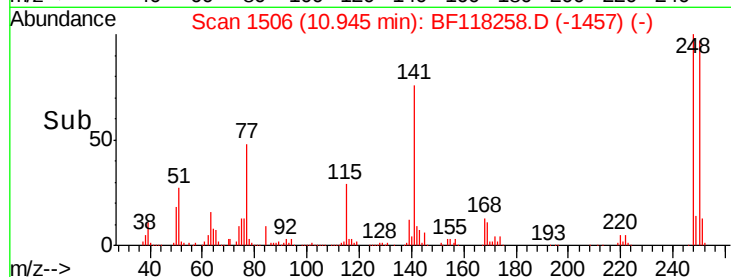
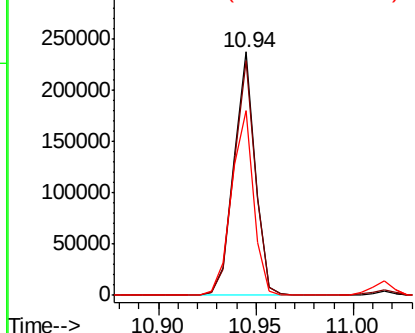
#67
4-Bromophenyl-phenylether
Concen: 36.904 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 179406
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 75.8 52.2 78.4

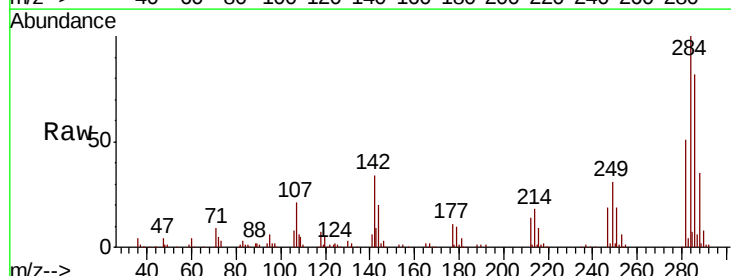


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

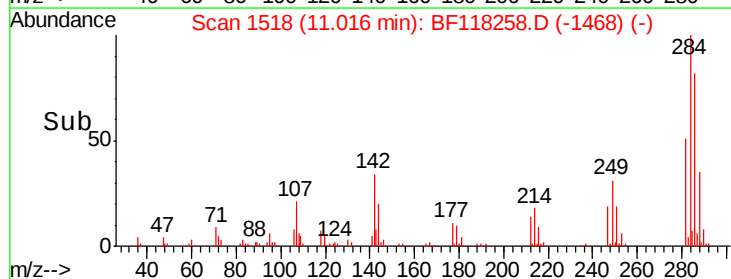
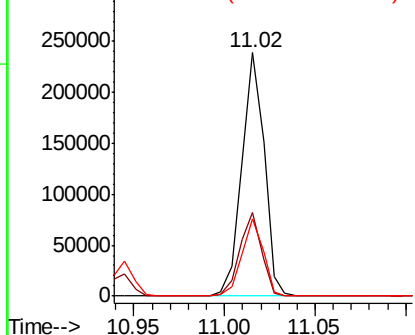


#68
Hexachlorobenzene
Concen: 35.813 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:284 Resp: 204922
Ion Ratio Lower Upper
284 100
142 34.3 29.7 44.5
249 31.5 24.6 37.0



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

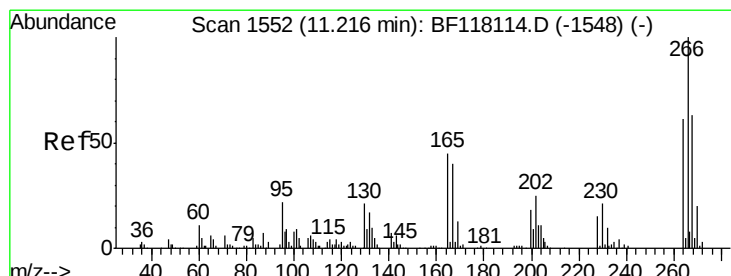
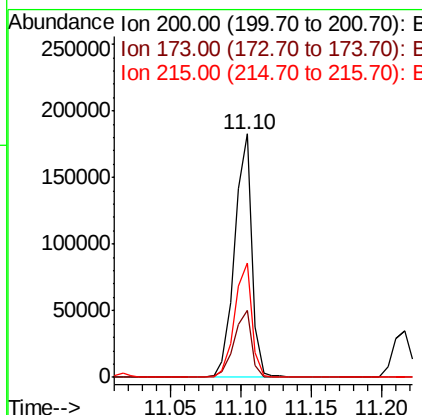
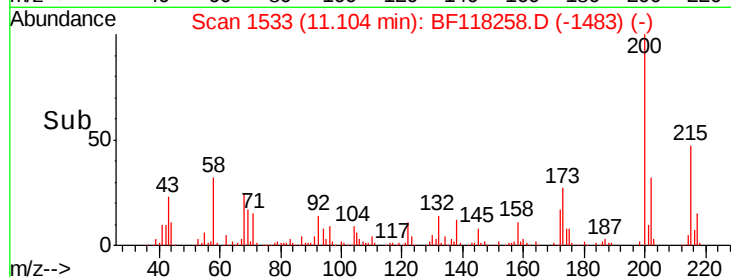
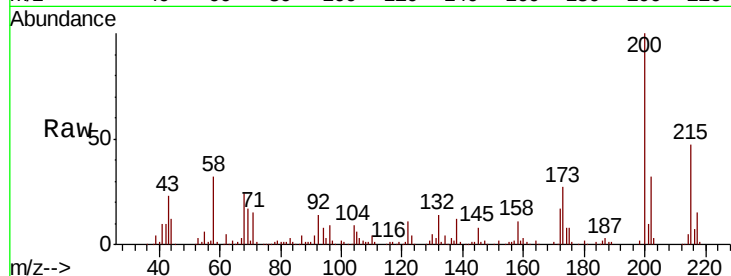




#69
Atrazine
Concen: 43.037 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

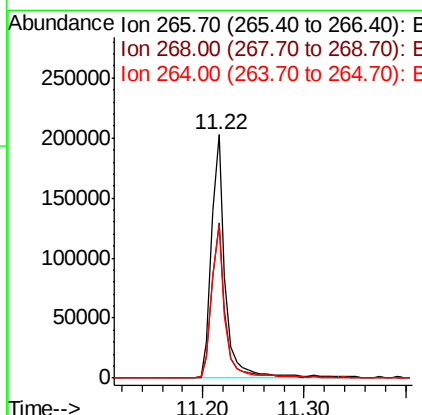
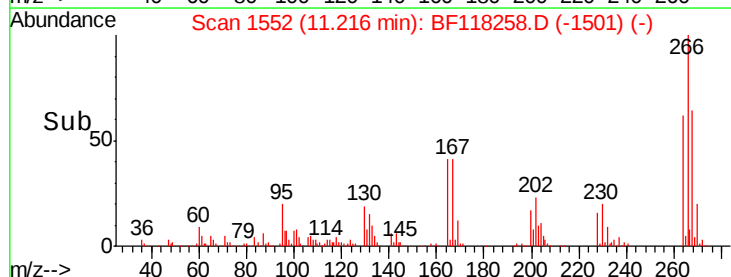
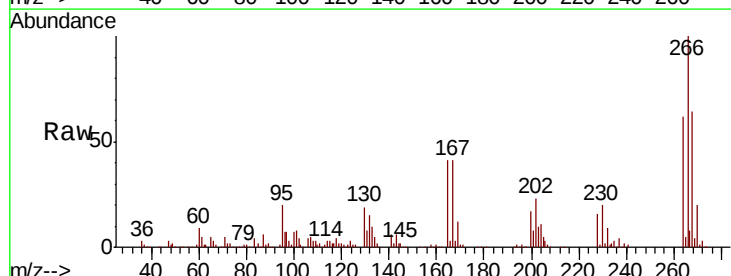
Instrument :
BNA_F
ClientSampled :

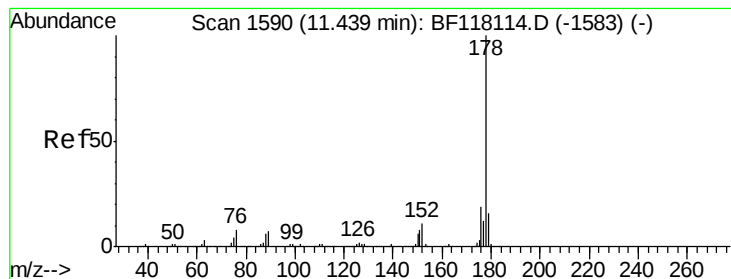
Tot Ion:200 Resp: 154975
Ion Ratio Lower Upper
200 100
173 27.4 8.1 48.1
215 47.1 29.0 69.0



#70
Pentachlorophenol
Concen: 71.879 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:266 Resp: 193418
Ion Ratio Lower Upper
266 100
268 63.6 50.7 76.1
264 62.5 48.7 73.1





#71

Phenanthrene

Concen: 38.945 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

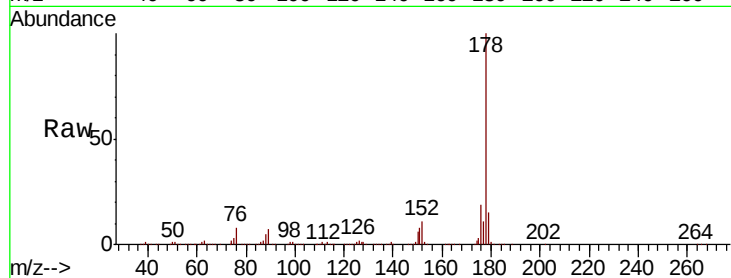
Tot Ion:178 Resp: 881666

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

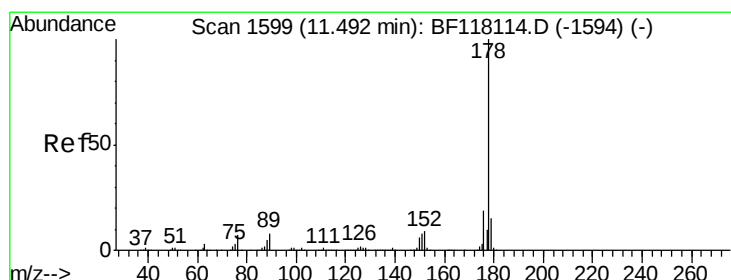
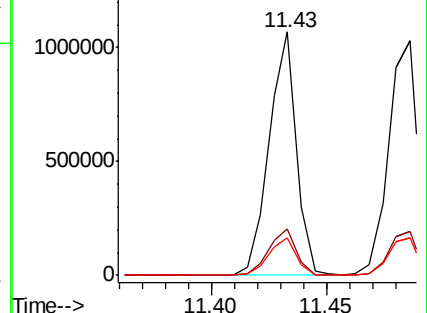
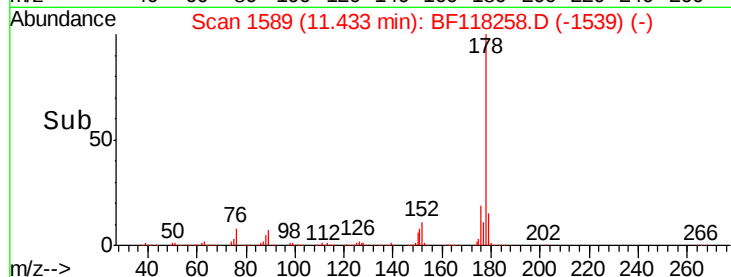
179 15.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.328 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

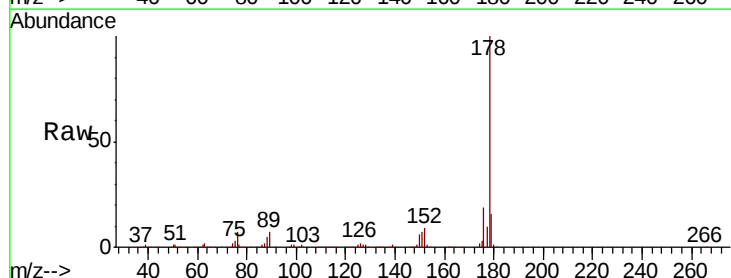
Tgt Ion:178 Resp: 910773

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

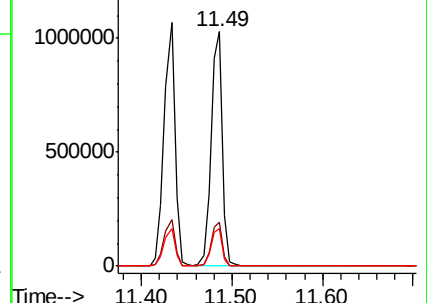
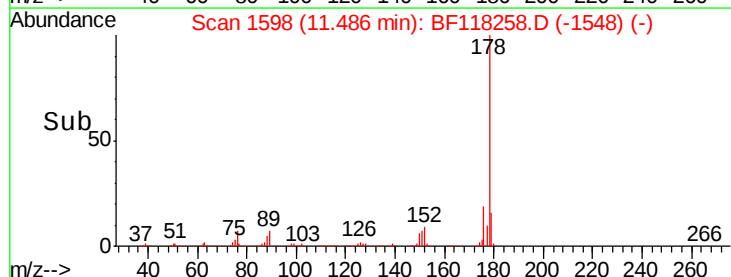
179 15.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

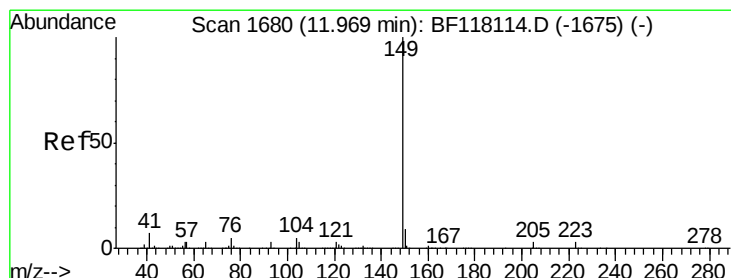
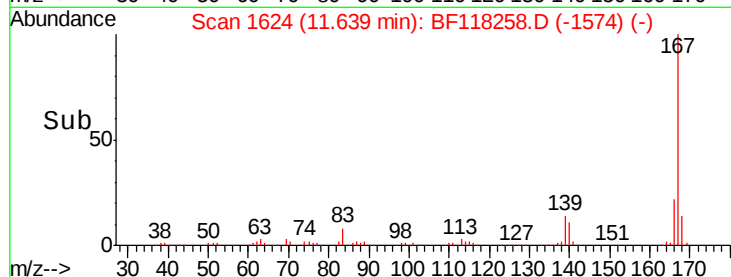
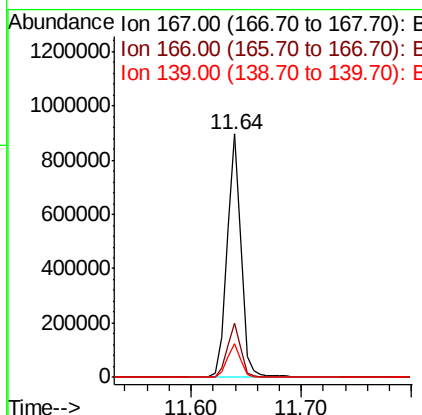
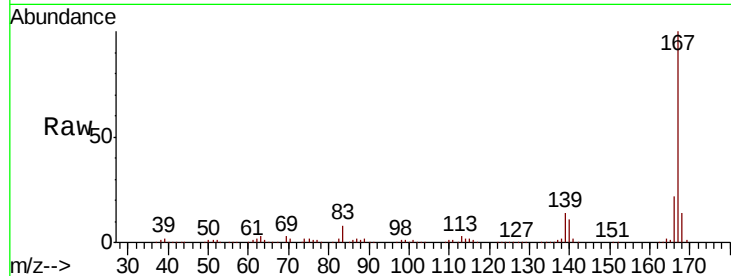




#73
 Carbazole
 Concen: 39.304 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

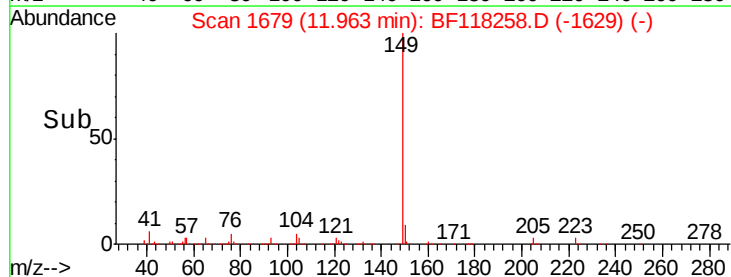
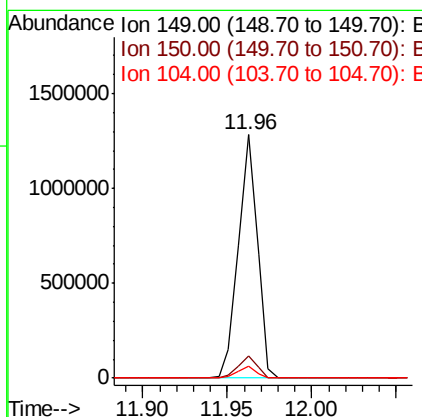
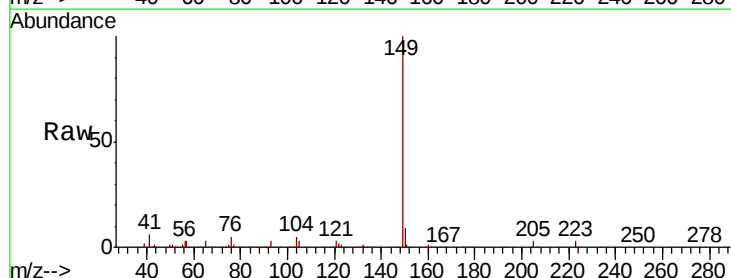
Instrument :
 BNA_F
 ClientSampleId :

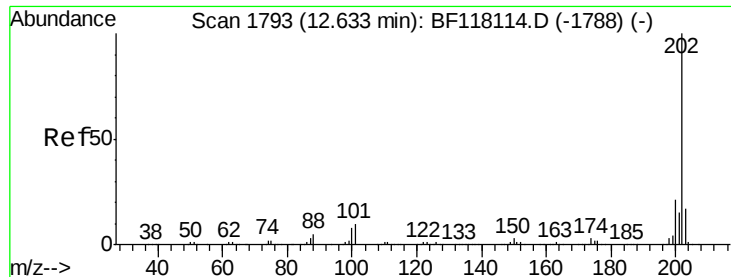
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.2
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 39.745 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	4.3	6.5

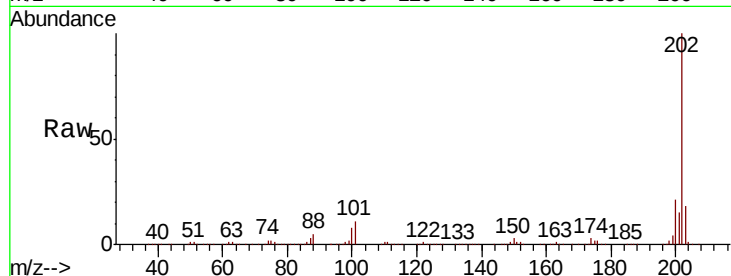




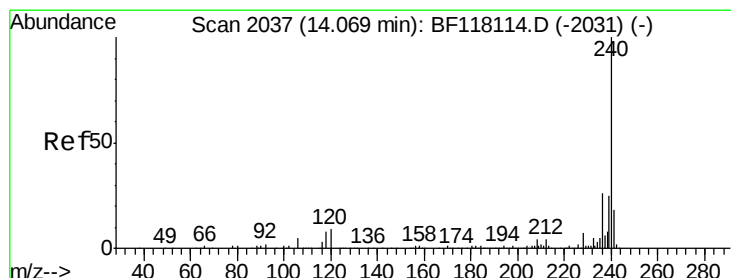
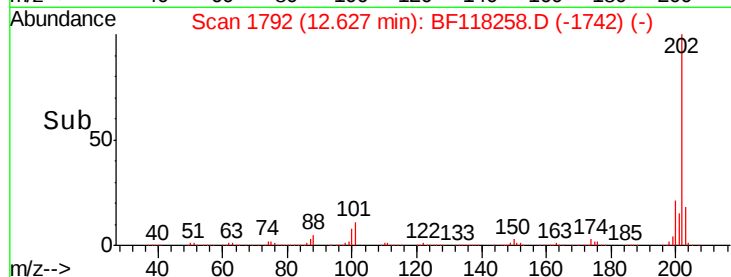
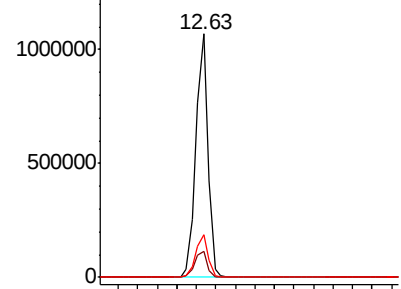
#75
Fluoranthene
Concen: 39.855 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.7	0.0	37.2

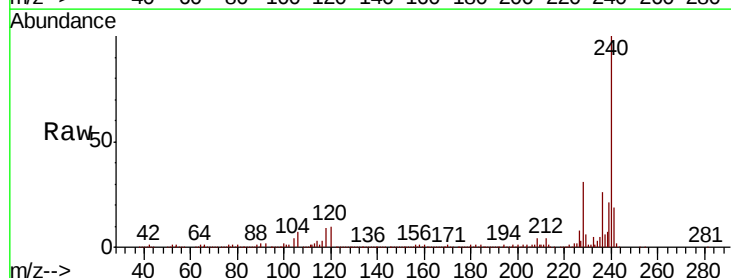


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

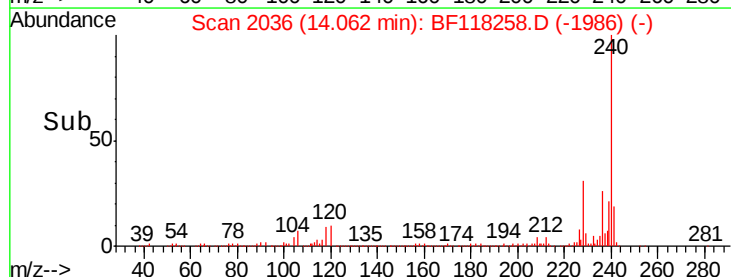
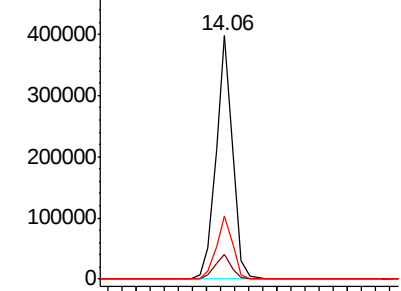


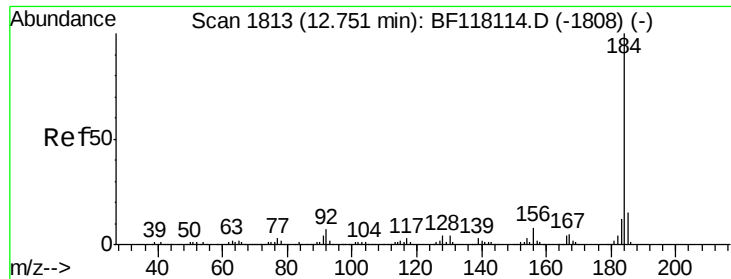
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	26.0	21.0	31.6



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

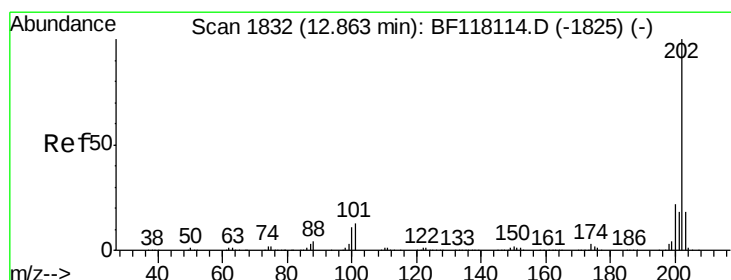
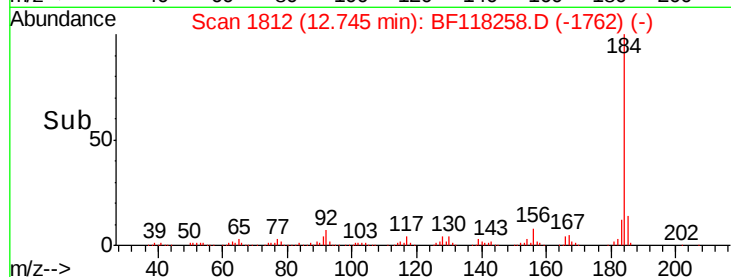
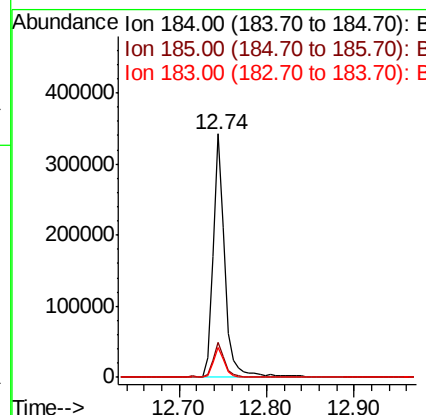
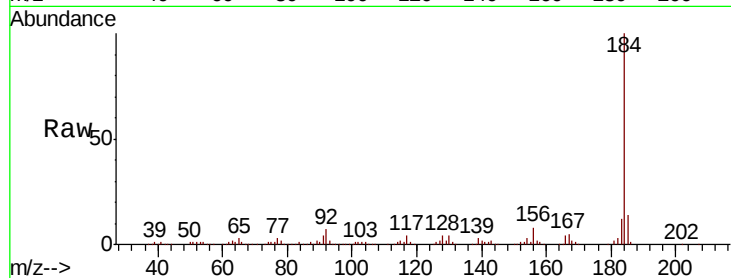




#77
Benzidine
Concen: 37.873 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

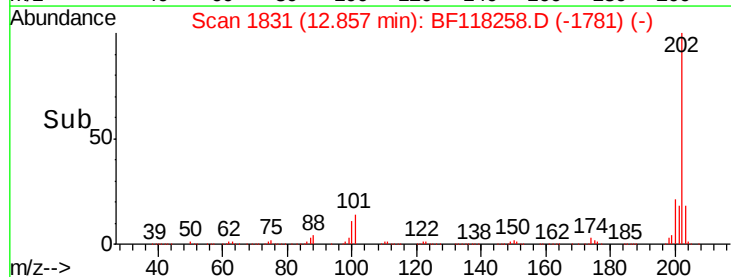
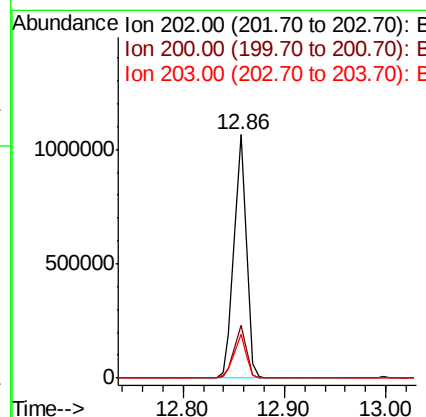
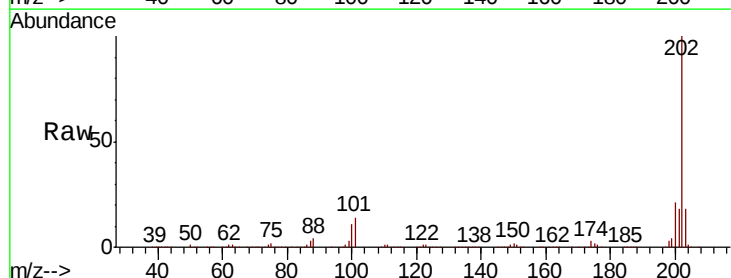
Instrument :
BNA_F
ClientSampleId :

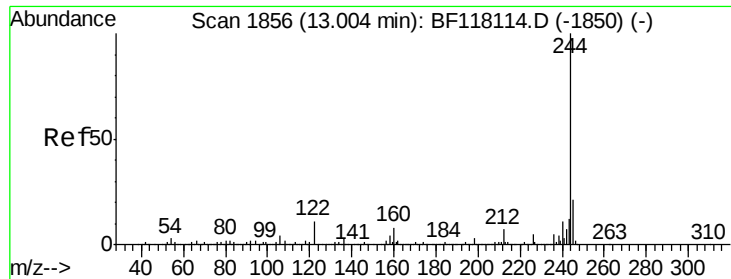
Tot Ion:184 Resp: 319013
Ion Ratio Lower Upper
184 100
185 14.1 12.3 18.5
183 12.1 9.9 14.9



#78
Pyrene
Concen: 36.904 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:202 Resp: 930544
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 72.021 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

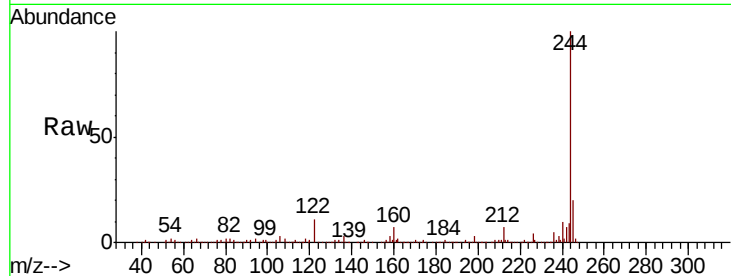
Tot Ion:244 Resp: 1340099

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

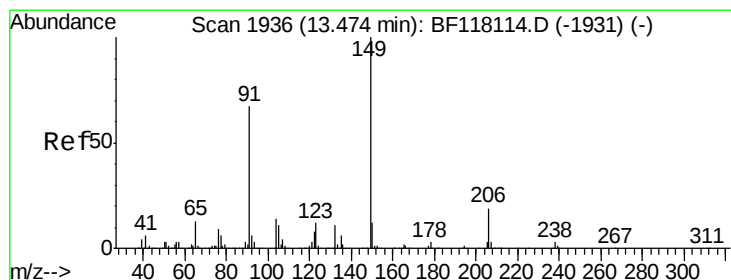
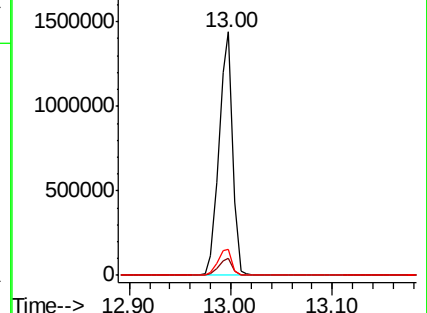
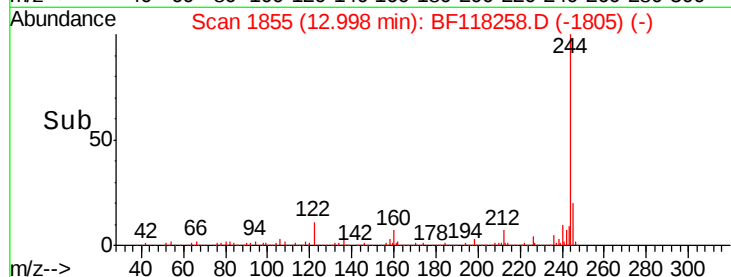
122 10.5 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.721 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

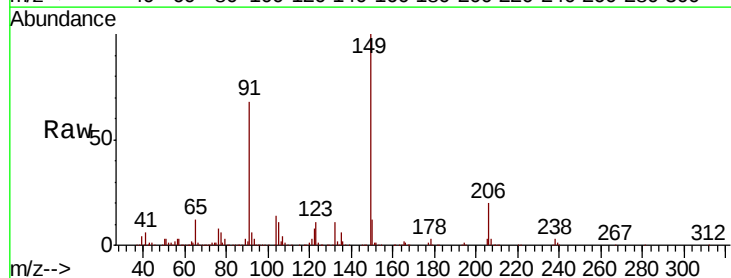
Tgt Ion:149 Resp: 430753

Ion Ratio Lower Upper

149 100

91 67.7 53.9 80.9

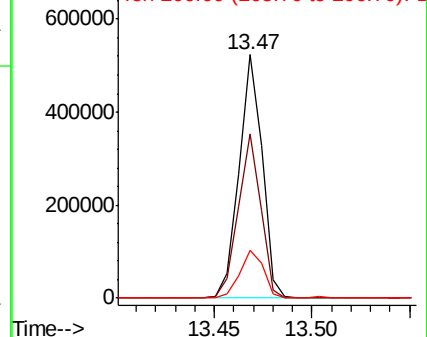
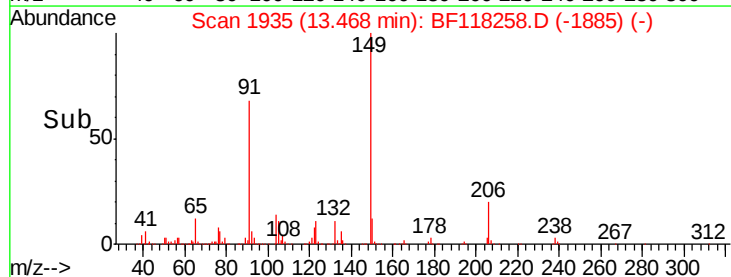
206 19.6 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.345 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampled :

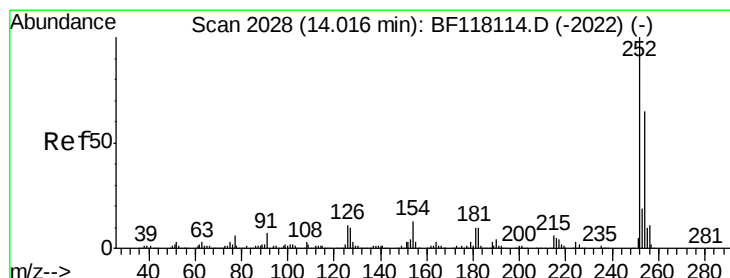
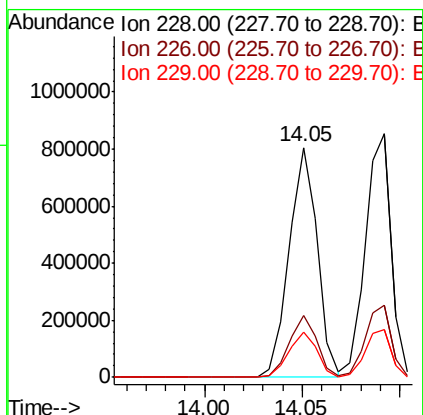
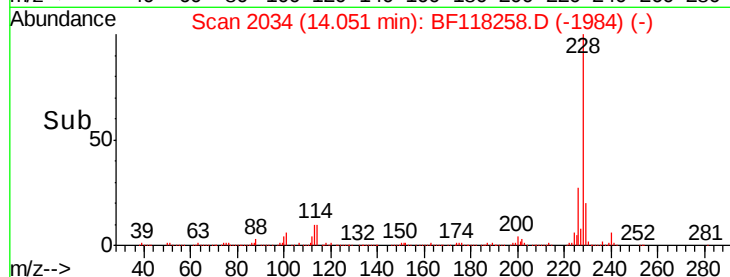
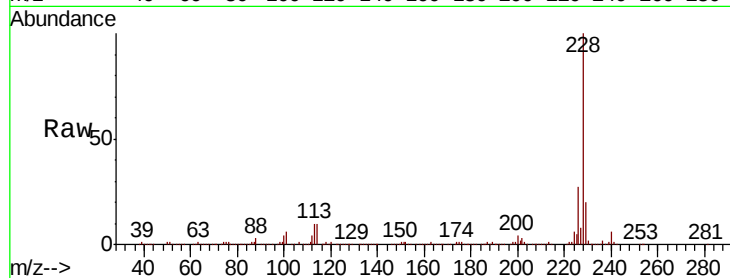
Tot Ion:228 Resp: 804140

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 19.554 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

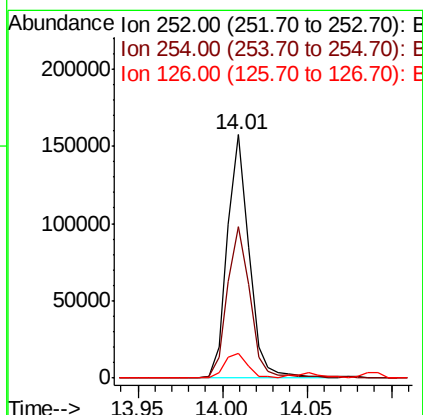
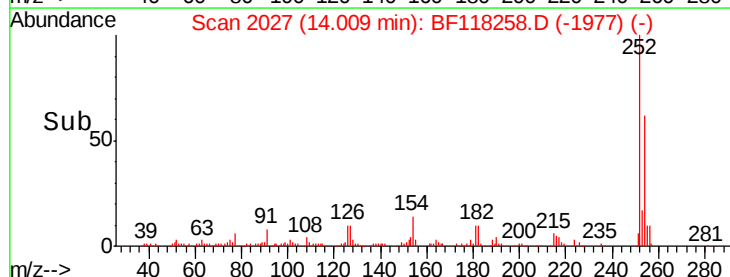
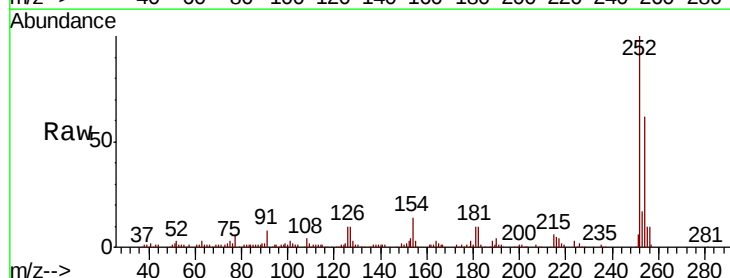
Tgt Ion:252 Resp: 142085

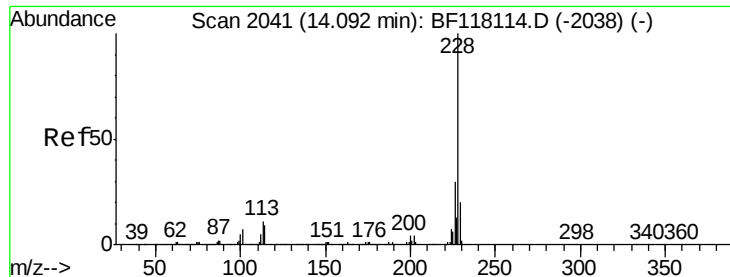
Ion Ratio Lower Upper

252 100

254 62.1 52.2 78.4

126 10.2 8.6 13.0





#83

Chrysene

Concen: 37.184 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampled :

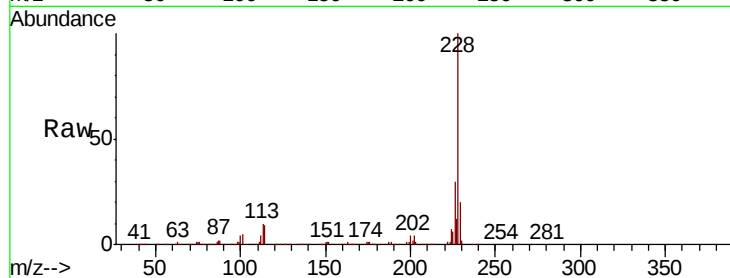
Tot Ion:228 Resp: 785853

Ion Ratio Lower Upper

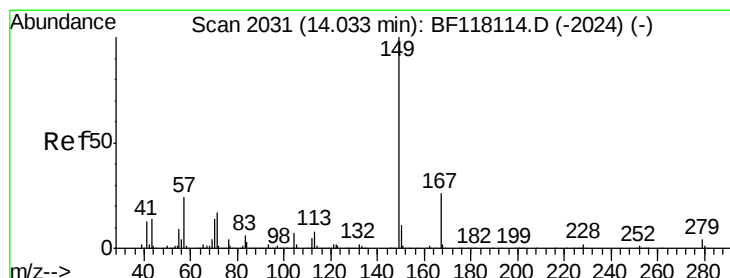
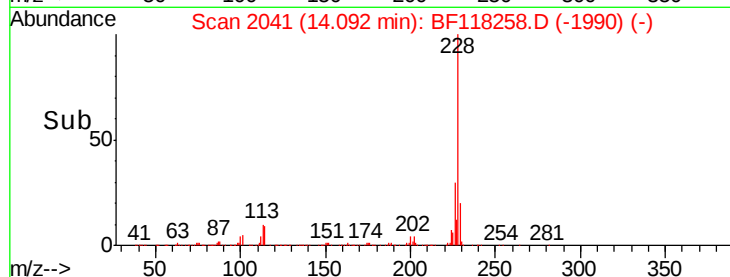
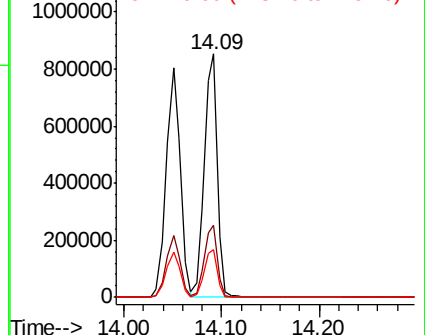
228 100

226 29.8 23.8 35.8

229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.371 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

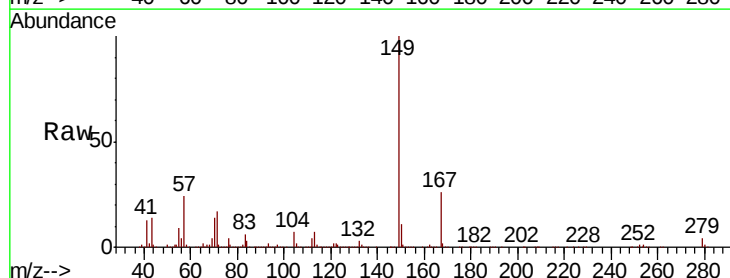
Tgt Ion:149 Resp: 607906

Ion Ratio Lower Upper

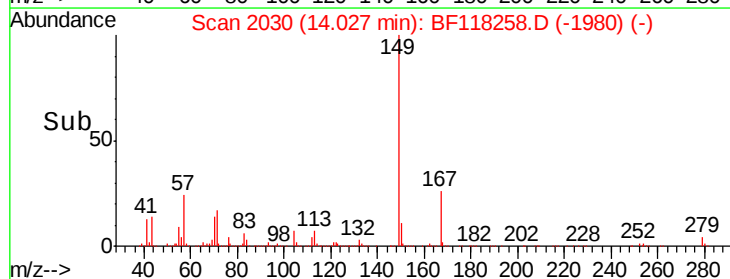
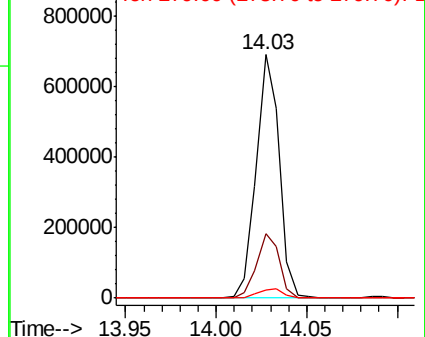
149 100

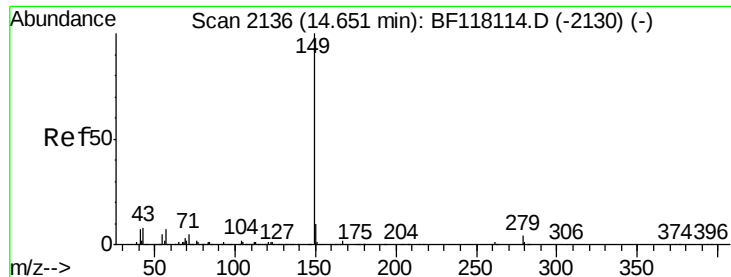
167 26.3 20.8 31.2

279 3.5 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.086 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118258.D

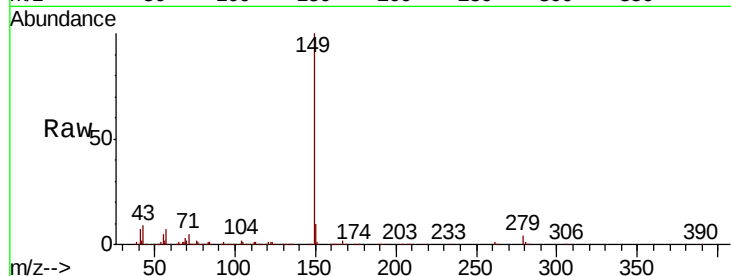
Acq: 18 Dec 2019 14:52

Instrument :

BNA_F

ClientSampleId :

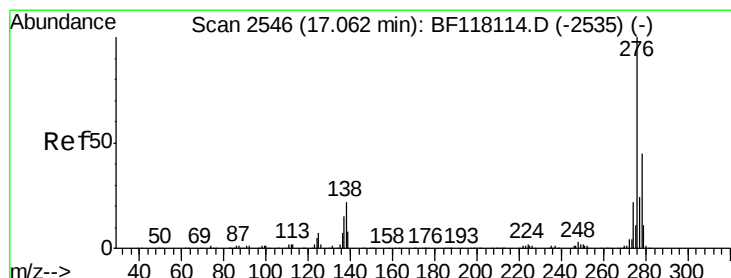
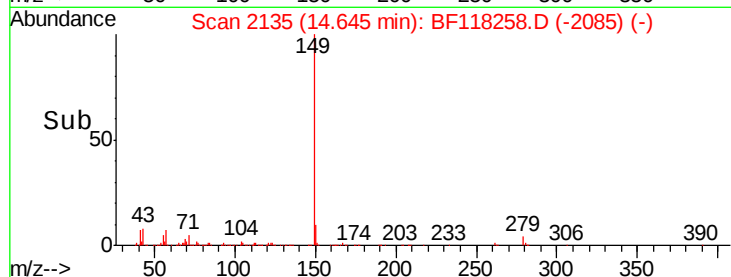
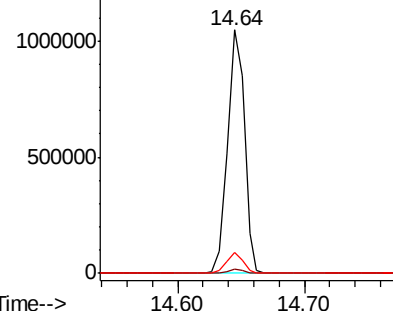
Tot Ion:	149	Resp:	959976
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.9	6.5	9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.858 ng

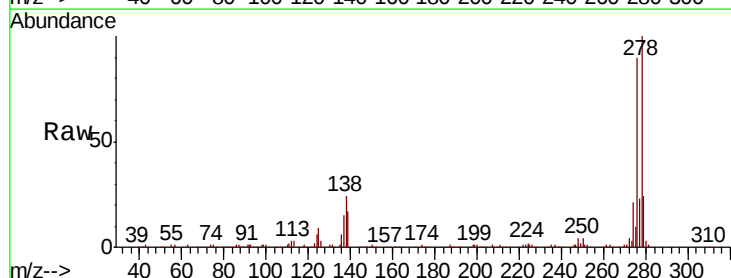
RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF118258.D

Acq: 18 Dec 2019 14:52

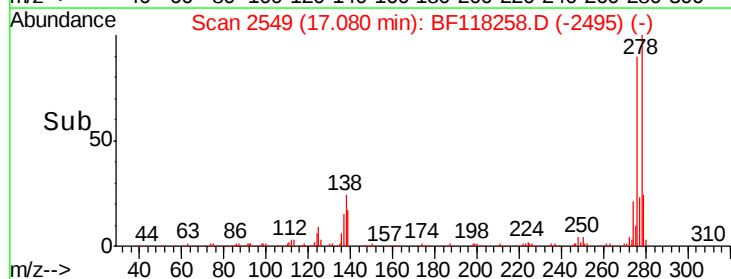
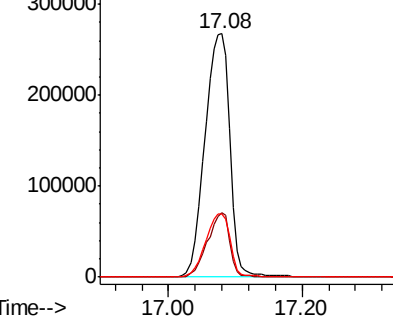
Tgt Ion:	276	Resp:	708778
Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.9	28.3
277	25.7	20.4	30.6

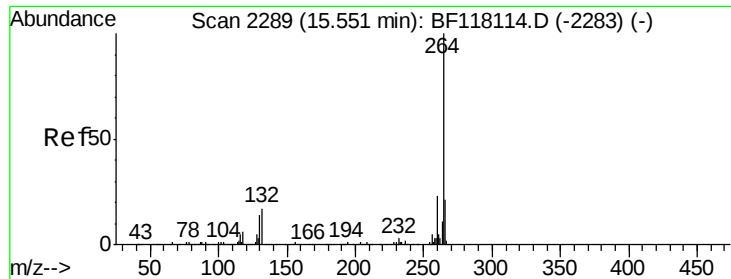


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

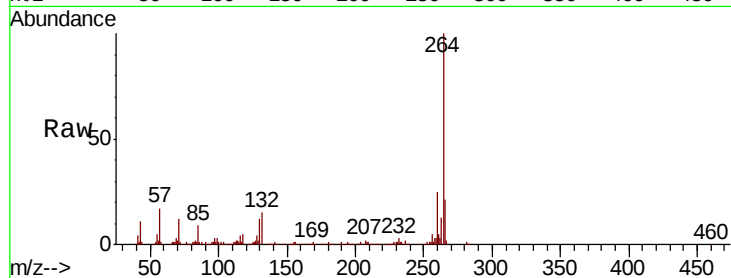




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	28.0
265	21.5	16.8	25.2

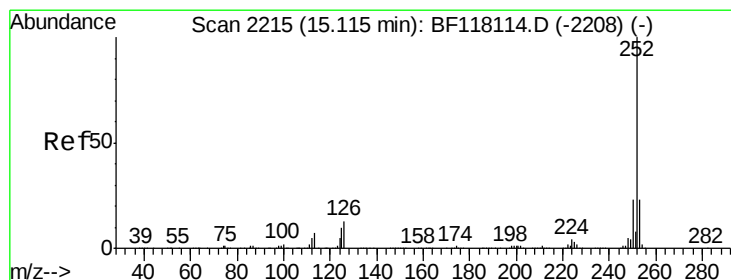
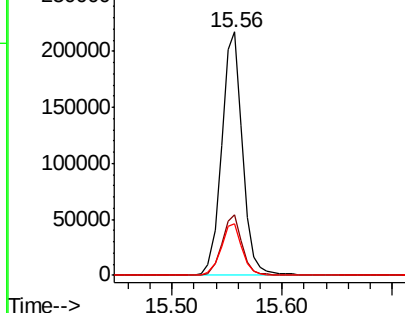
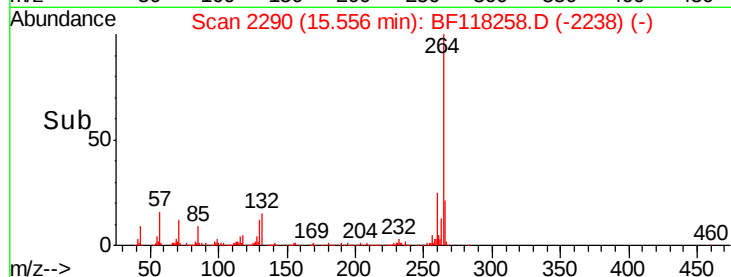


Abundance

Ion 264.00 (263.70 to 264.70): E

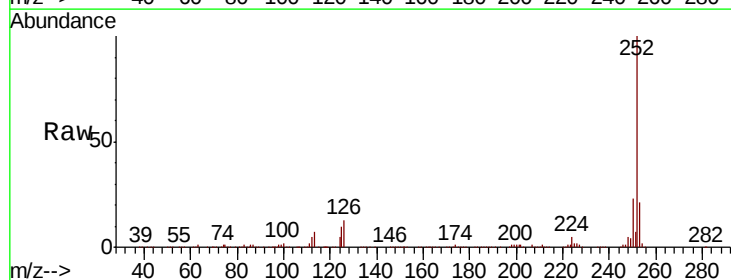
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 38.882 ng
 RT: 15.12 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BF118258.D
 Acq: 18 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	9.8	8.3	12.5

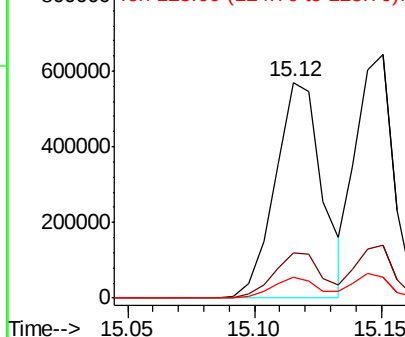
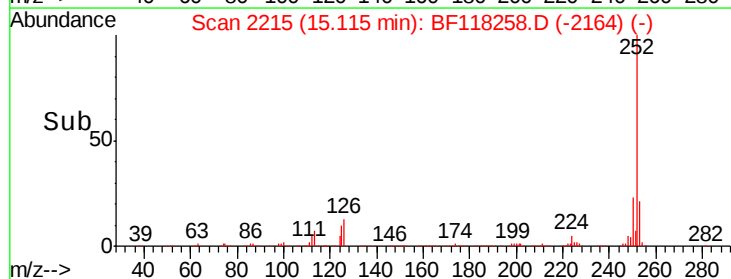


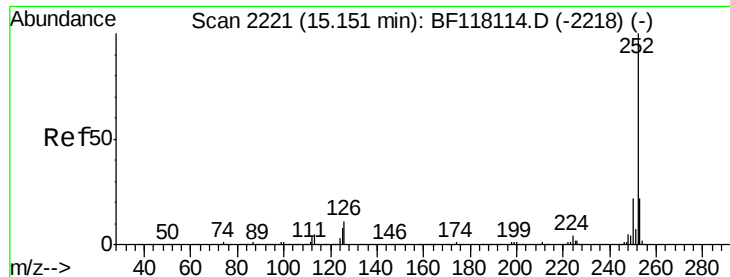
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

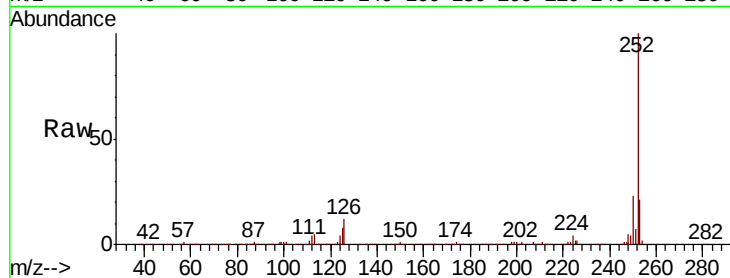




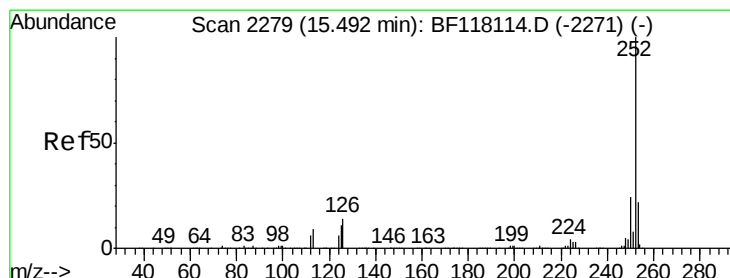
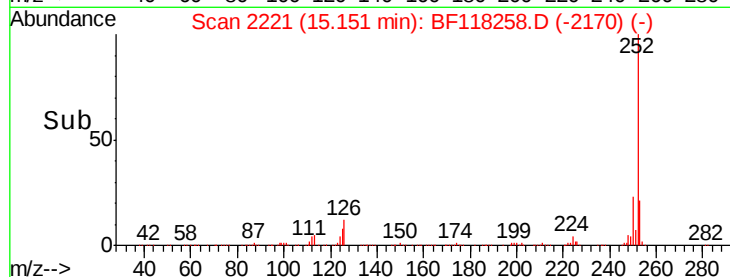
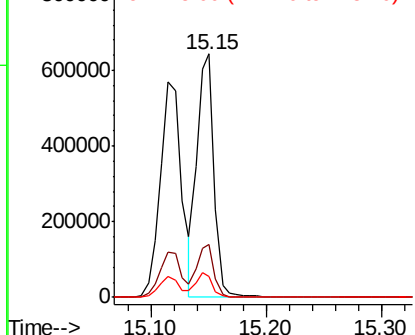
#89
Benzo(k)fluoranthene
Concen: 36.852 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 668846
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 8.5 6.7 10.1

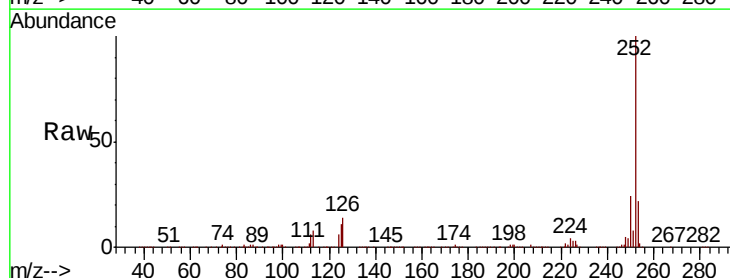


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

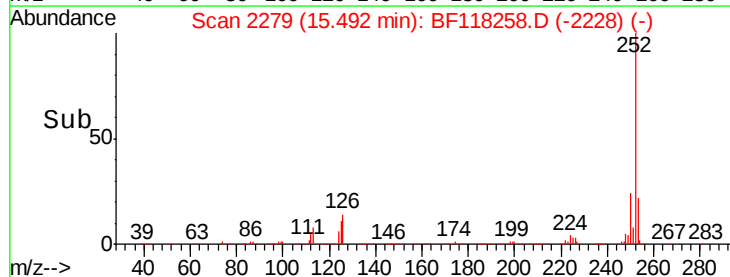
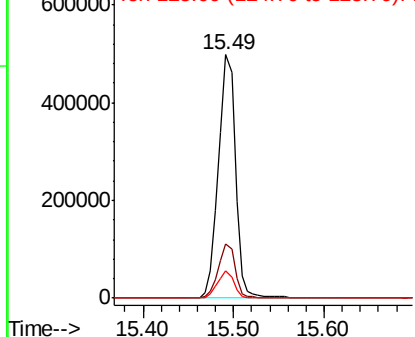


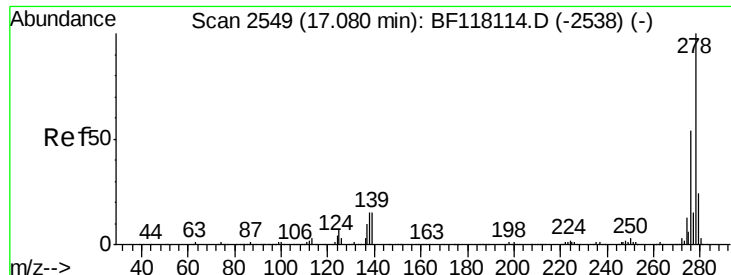
#90
Benzo(a)pyrene
Concen: 39.009 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:252 Resp: 650891
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.3 9.1 13.7



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

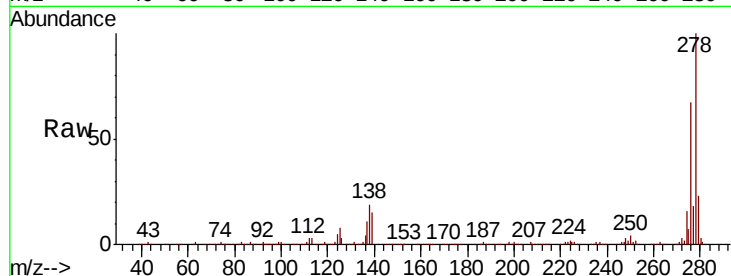




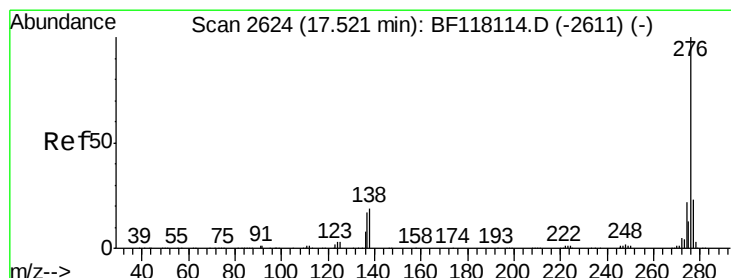
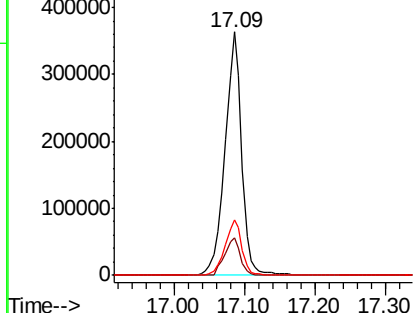
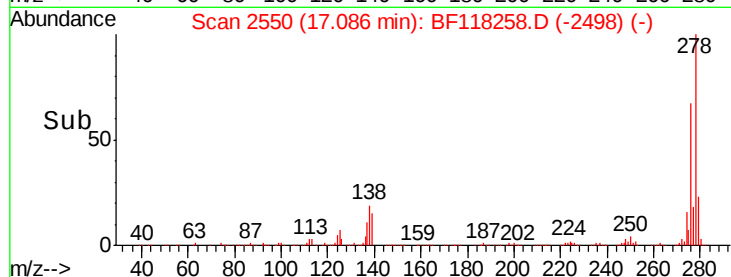
#91
Dibenzo(a,h)anthracene
Concen: 41.820 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 598511
Ion Ratio Lower Upper
278 100
139 15.2 11.7 17.5
279 22.8 19.0 28.4

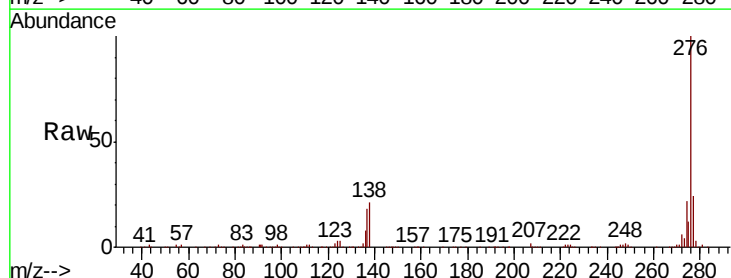


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.495 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118258.D
Acq: 18 Dec 2019 14:52

Tgt Ion:276 Resp: 584416
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 20.7 15.5 23.3



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

