

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118397.D
 Acq On : 30 Dec 2019 22:48
 Operator : JU
 Sample : K6439-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:42:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134669	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	541026	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	288407	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	514178	20.00	ng	0.00
76) Chrysene-d12	14.06	240	322022	20.00	ng	0.00
87) Perylene-d12	15.55	264	301422	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	677886	85.93	ng	0.02
7) Phenol-d6	6.49	99	864901	88.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	508896	53.80	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	286813	80.53	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1108525	58.67	ng	0.00
79) Terphenyl-d14	12.99	244	1204614	62.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	90582	28.882	ng	99
3) Pyridine	3.40	79	215386	25.777	ng	100
4) n-Nitrosodimethylamine	3.35	42	104514	30.253	ng	97
6) Aniline	6.52	93	232237	18.687	ng	# 86
8) 2-Chlorophenol	6.65	128	301964	33.795	ng	99
9) Benzaldehyde	6.40	77	166527	29.022	ng	96
10) Phenol	6.51	94	353865	32.169	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	256309	32.581	ng	99
12) 1,3-Dichlorobenzene	6.79	146	322714	31.360	ng	99
13) 1,4-Dichlorobenzene	6.87	146	331300	31.696	ng	98
14) 1,2-Dichlorobenzene	7.02	146	310751	31.490	ng	99
15) Benzyl Alcohol	7.00	79	242846	32.590	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	262268	31.243	ng	83
17) 2-Methylphenol	7.12	107	237141	33.090	ng	96
18) Hexachloroethane	7.36	117	109626	28.577	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	189544	31.438	ng	99
20) 3+4-Methylphenols	7.27	107	305966	33.358	ng	98
22) Acetophenone	7.26	105	397672	29.990	ng	99
24) Nitrobenzene	7.44	77	285974	30.180	ng	98
25) Isophorone	7.68	82	525457	31.874	ng	100
26) 2-Nitrophenol	7.76	139	156796	31.241	ng	98
27) 2,4-Dimethylphenol	7.80	122	250665	36.605	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	330336	30.639	ng	100
29) 2,4-Dichlorophenol	8.00	162	252671	32.057	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	277214	30.193	ng	98
31) Naphthalene	8.16	128	871271	31.684	ng	100
32) Benzoic acid	7.93	122	140308	27.071	ng	100
33) 4-Chloroaniline	8.22	127	117464	9.964	ng	96
34) Hexachlorobutadiene	8.27	225	162314	29.699	ng	99
35) Caprolactam	8.59	113	84944	34.520	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	267501	31.611	ng	95
37) 2-Methylnaphthalene	8.86	142	606130	32.195	ng	99
38) 1-Methylnaphthalene	8.96	142	571072	32.195	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	266266	30.728	ng	99

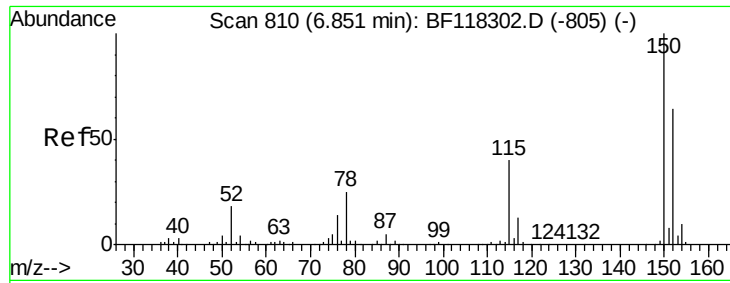
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118397.D
 Acq On : 30 Dec 2019 22:48
 Operator : JU
 Sample : K6439-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:42:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	75574	27.411	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	179227	30.960	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	189770	31.866	ng	98
46) 1,1'-Biphenyl	9.32	154	726365	31.842	ng	99
47) 2-Chloronaphthalene	9.35	162	563369	30.686	ng	97
48) 2-Nitroaniline	9.45	65	158169	30.501	ng	95
49) Acenaphthylene	9.76	152	884966	32.501	ng	99
50) Dimethylphthalate	9.62	163	754477	34.851	ng	100
51) 2,6-Dinitrotoluene	9.69	165	145916	31.263	ng	90
52) Acenaphthene	9.94	154	516113	31.119	ng	99
53) 3-Nitroaniline	9.86	138	88449	16.146	ng	92
54) 2,4-Dinitrophenol	9.98	184	61273	29.534	ng	98
55) Dibenzofuran	10.11	168	785747	32.063	ng	97
56) 4-Nitrophenol	10.04	139	195989	57.954	ng	94
57) 2,4-Dinitrotoluene	10.10	165	191580	30.719	ng	90
58) Fluorene	10.46	166	620247	31.353	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	152215	30.082	ng	99
60) Diethylphthalate	10.32	149	693699	32.390	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	309944	31.385	ng	94
62) 4-Nitroaniline	10.48	138	144261	25.349	ng	97
63) Azobenzene	10.60	77	586825	31.988	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	55179	19.893	ng	95
66) n-Nitrosodiphenylamine	10.56	169	555879	33.732	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	192419	31.977	ng	93
68) Hexachlorobenzene	11.01	284	217971	30.774	ng	97
69) Atrazine	11.10	200	190676	37.490	ng	96
70) Pentachlorophenol	11.21	266	165967	54.105	ng	98
71) Phenanthrene	11.43	178	872033	31.110	ng	99
72) Anthracene	11.47	178	916195	32.655	ng	99
73) Carbazole	11.63	167	770637	30.955	ng	99
74) Di-n-butylphthalate	11.96	149	1113940	35.288	ng	99
75) Fluoranthene	12.62	202	843030	29.801	ng	100
77) Benzidine	12.74	184	484912	54.956	ng	98
78) Pyrene	12.85	202	835091	31.757	ng	100
80) Butylbenzylphthalate	13.46	149	419188	35.404	ng	97
81) Benzo(a)anthracene	14.04	228	698831	31.003	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	244048	31.933	ng	100
83) Chrysene	14.08	228	669888	31.038	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	616677	39.609	ng	99
85) Di-n-octyl phthalate	14.63	149	952454	41.589	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	613296	33.349	ng	100
88) Benzo(b)fluoranthene	15.11	252	605203	30.248	ng	98
89) Benzo(k)fluoranthene	15.14	252	631236	32.857	ng	99
90) Benzo(a)pyrene	15.49	252	550793	31.249	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	526500	34.422	ng	98
92) Benzo(g,h,i)perylene	17.53	276	487905	33.022	ng	99

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

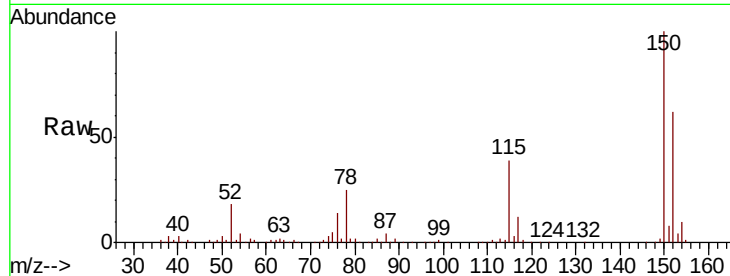


#1

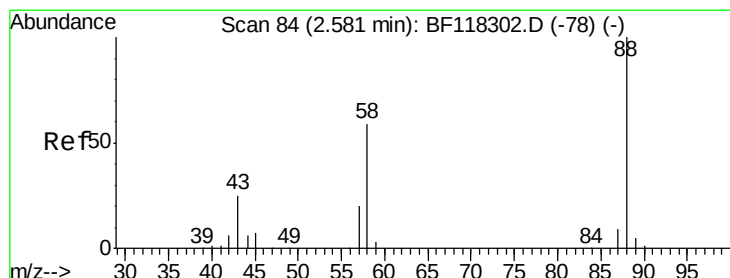
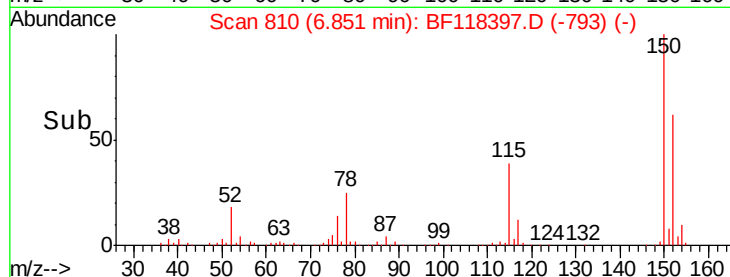
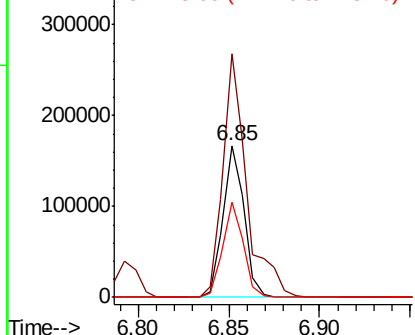
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134669
Ion Ratio Lower Upper
152 100
150 160.8 125.4 188.2
115 63.2 50.2 75.4



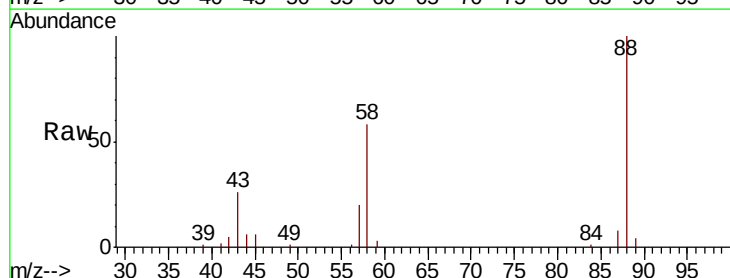
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



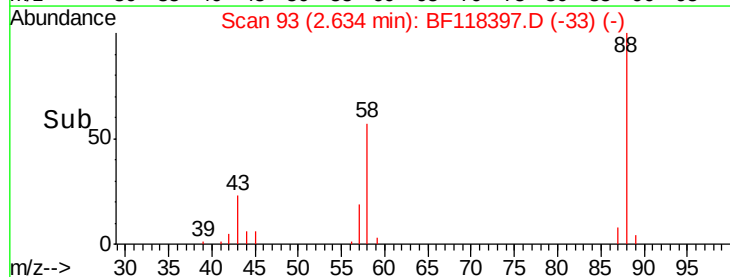
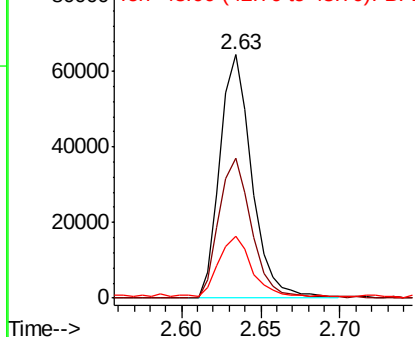
#2

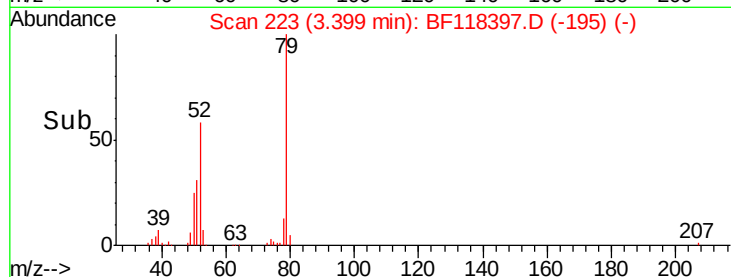
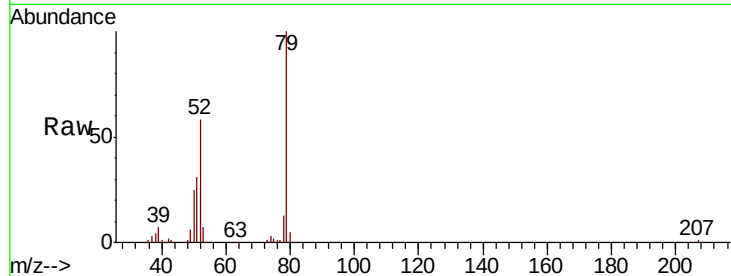
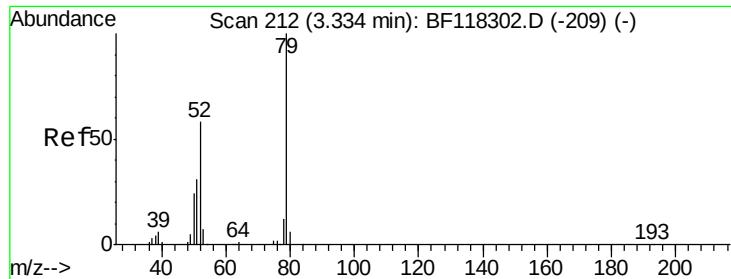
1,4-Dioxane
Concen: 28.882 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.05 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion: 88 Resp: 90582
Ion Ratio Lower Upper
88 100
58 58.9 47.6 71.4
43 26.0 20.6 30.8



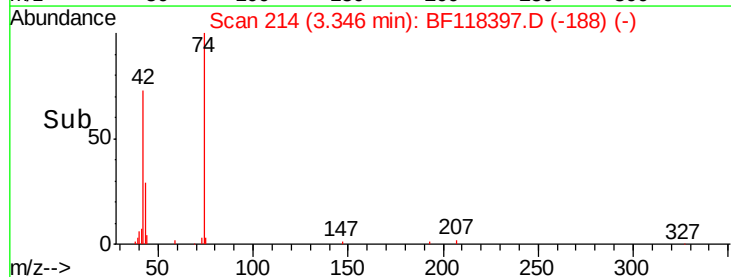
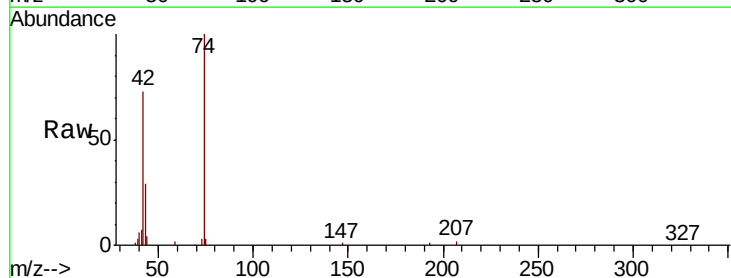
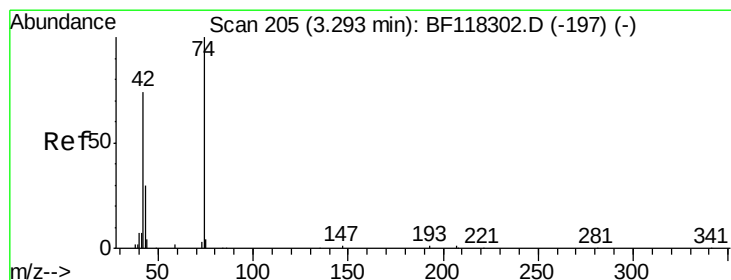
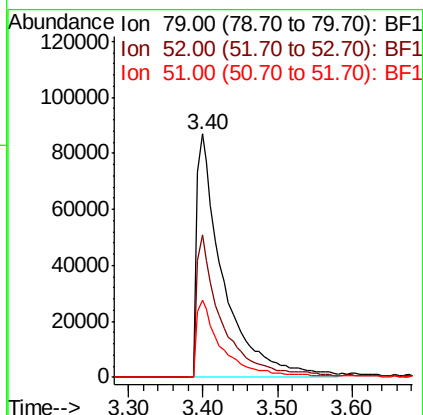
Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





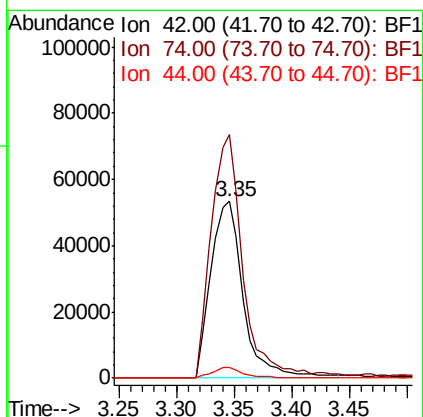
#3
Pvridine
Concen: 25.777 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.06 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

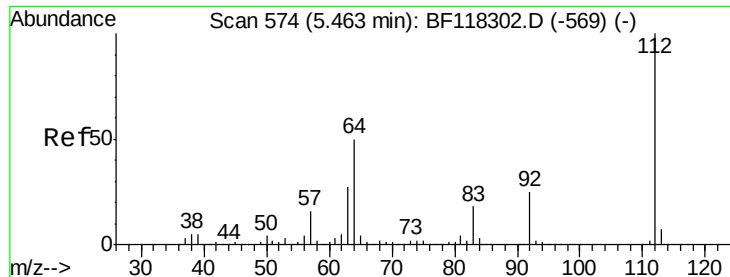
Tot Ion	Ratio	Lower	Upper
79	100		
52	58.3	46.4	69.6
51	31.5	24.9	37.3



#4
n-Nitrosodimethylamine
Concen: 30.253 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.05 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.7	107.7	161.5
44	5.7	4.8	7.2





#5

2-Fluorophenol

Concen: 85.925 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampled :

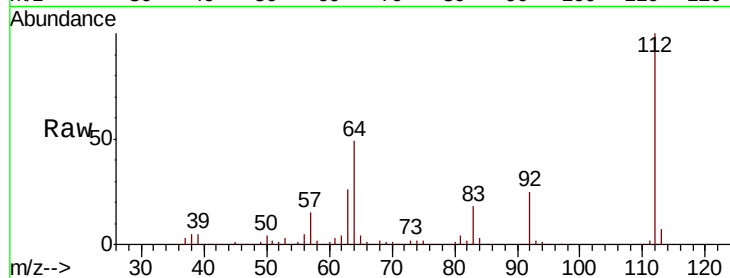
Tot Ion: 112 Resp: 677886

Ion Ratio Lower Upper

112 100

64 48.5 39.7 59.5

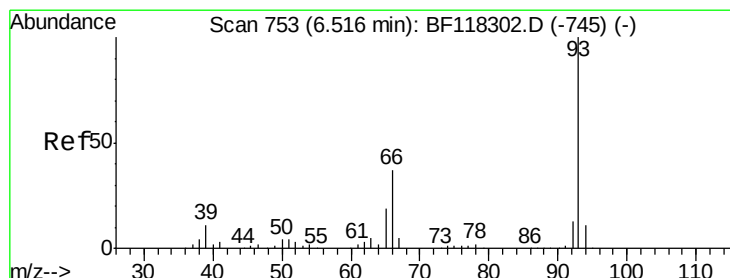
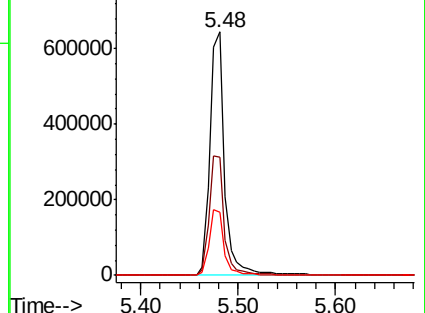
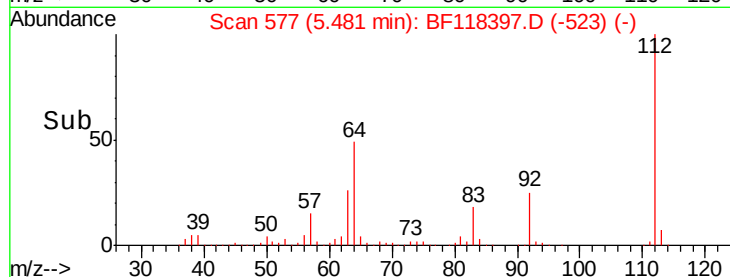
63 25.7 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.687 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

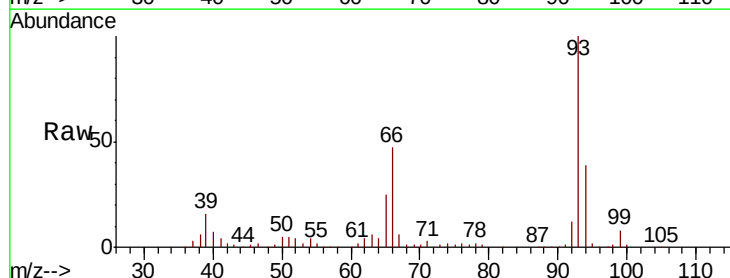
Tgt Ion: 93 Resp: 232237

Ion Ratio Lower Upper

93 100

66 46.9 30.2 45.4#

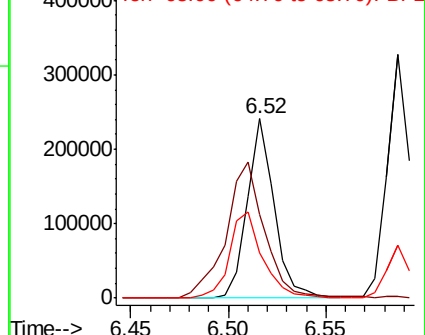
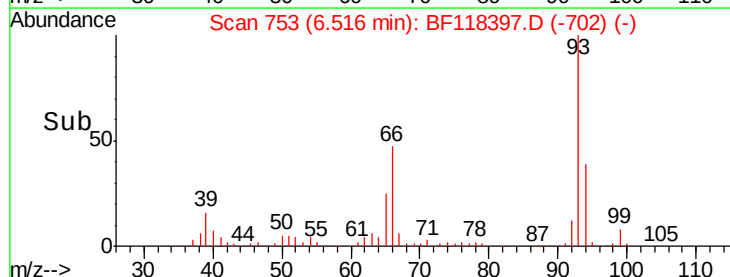
65 25.5 15.7 23.5#

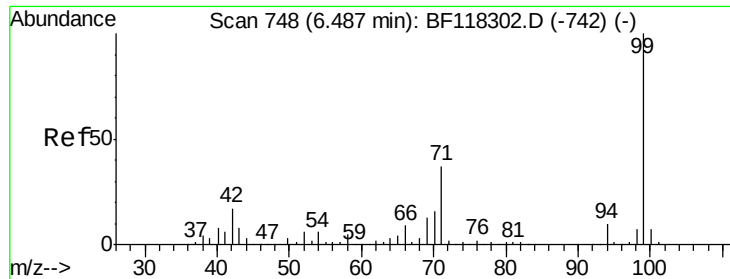


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.374 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampled :

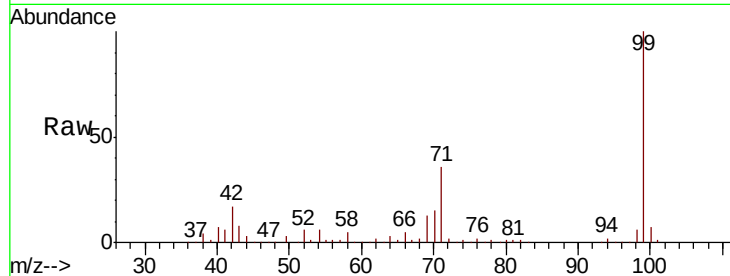
Tot Ion: 99 Resp: 864901

Ion Ratio Lower Upper

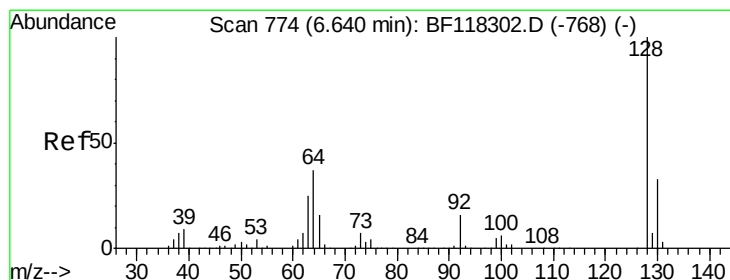
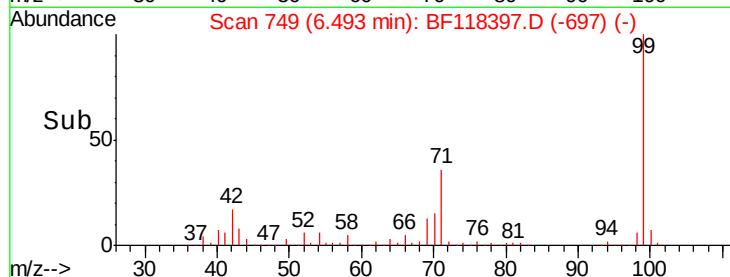
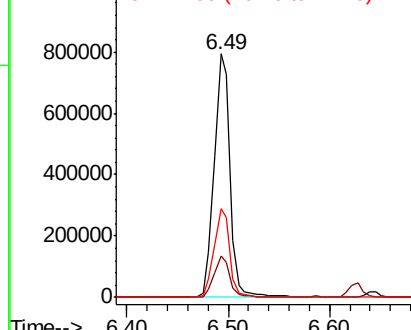
99 100

42 16.9 13.5 20.3

71 36.5 29.4 44.2



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



#8

2-Chlorophenol

Concen: 33.795 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

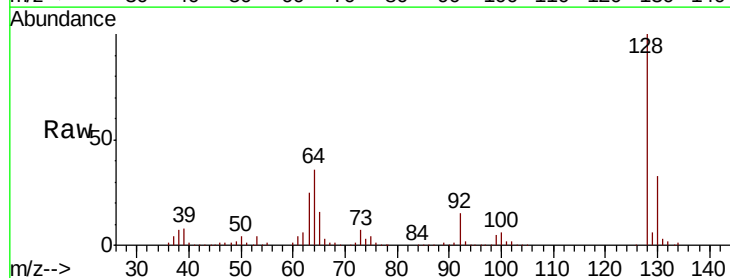
Tgt Ion: 128 Resp: 301964

Ion Ratio Lower Upper

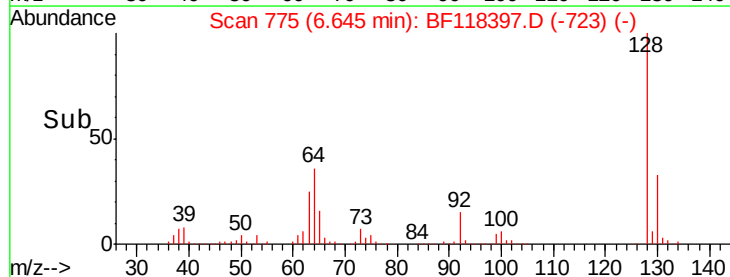
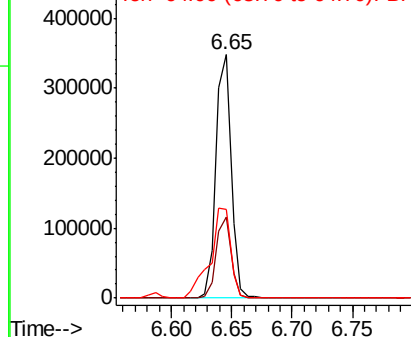
128 100

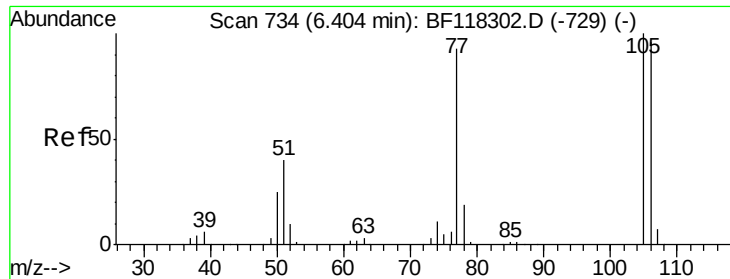
130 33.1 13.2 53.2

64 36.5 17.7 57.7



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





#9

Benzaldehyde

Concen: 29.022 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

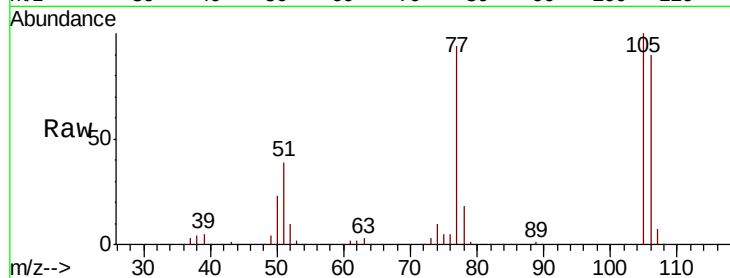
Tot Ion: 77 Resp: 166527

Ion Ratio Lower Upper

77 100

105 106.4 87.5 127.5

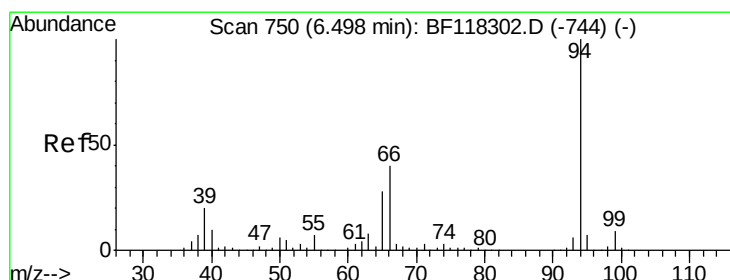
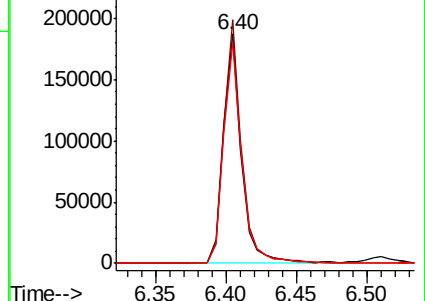
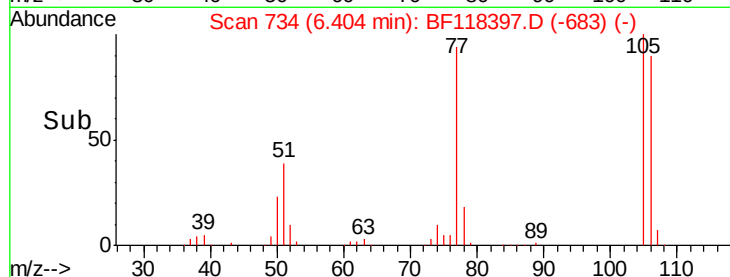
106 96.1 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.169 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

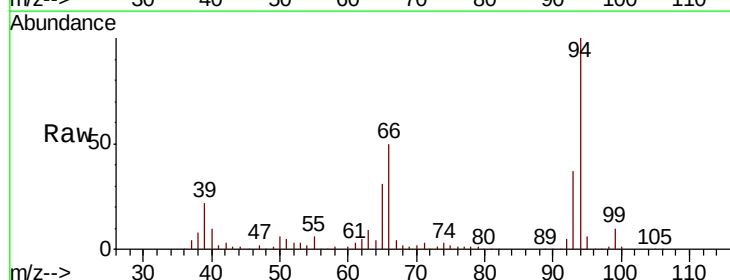
Tgt Ion: 94 Resp: 353865

Ion Ratio Lower Upper

94 100

65 31.4 7.8 47.8

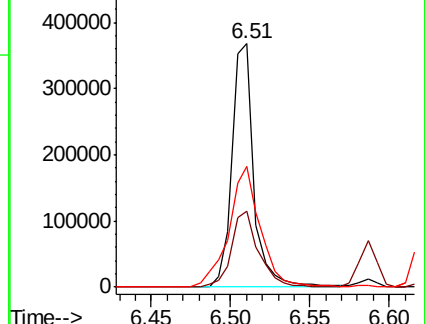
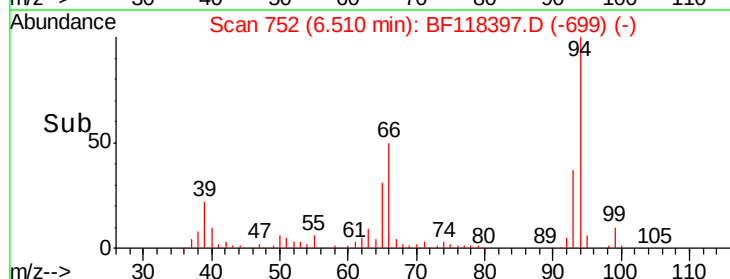
66 49.5 20.4 60.4

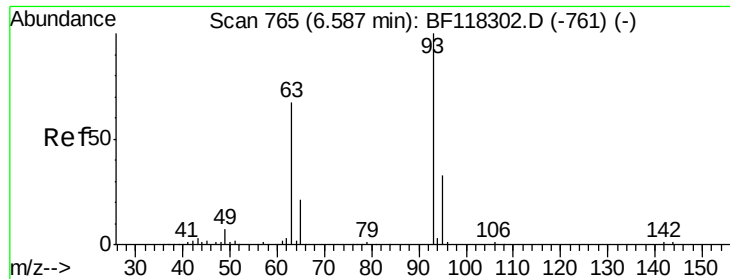


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

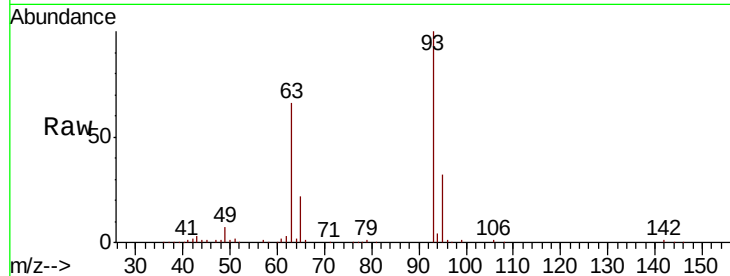




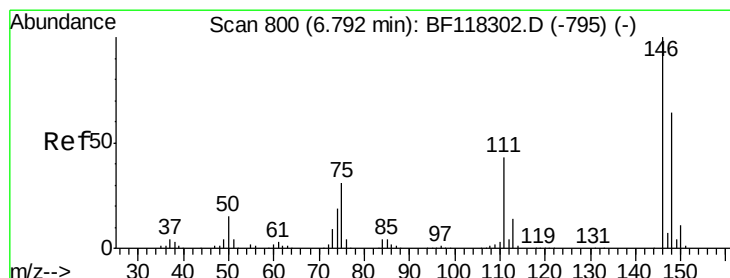
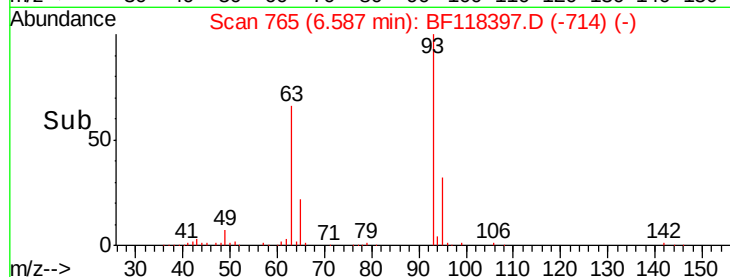
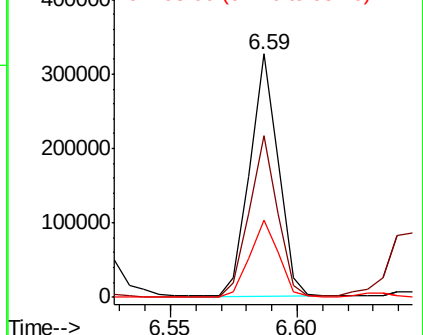
#11
bis(2-Chloroethyl)ether
Concen: 32.581 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 256309
Ion Ratio Lower Upper
93 100
63 66.2 47.0 87.0
95 31.5 12.8 52.8

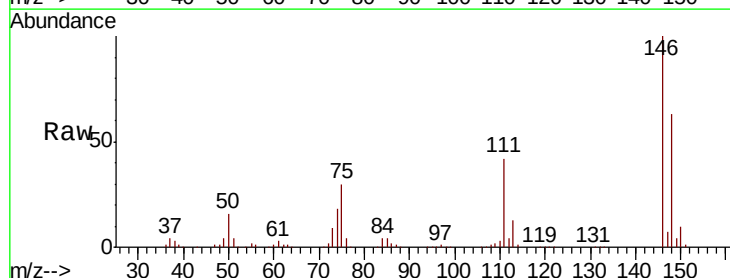


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

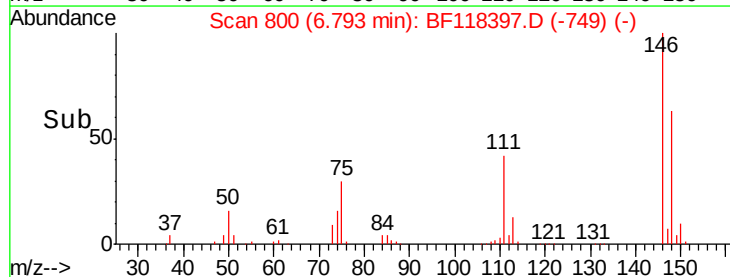
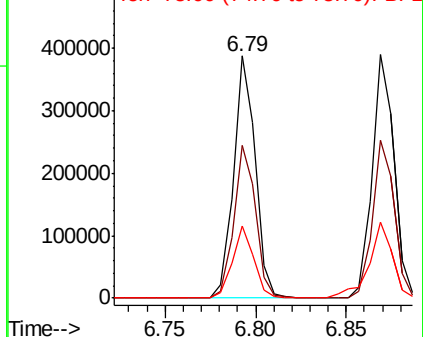


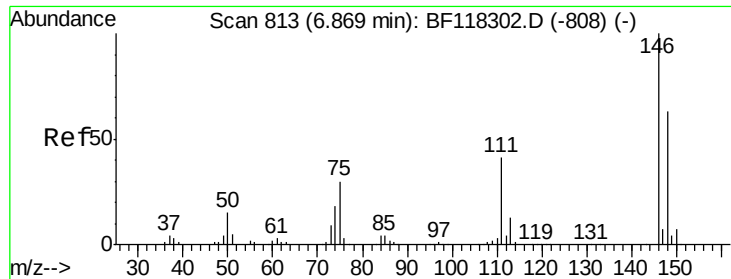
#12
1,3-Dichlorobenzene
Concen: 31.360 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion: 146 Resp: 322714
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 29.8 24.4 36.6



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

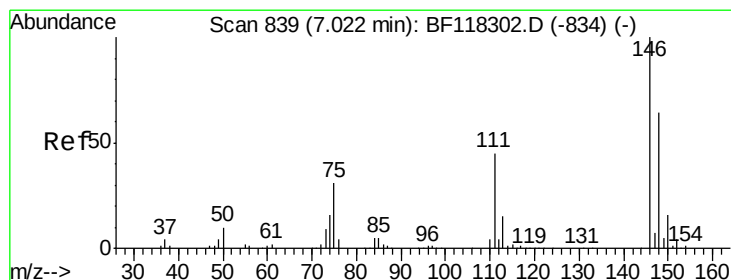
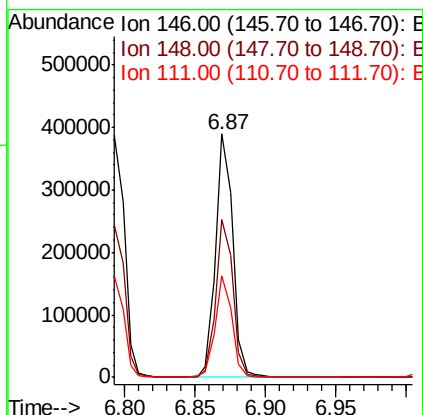
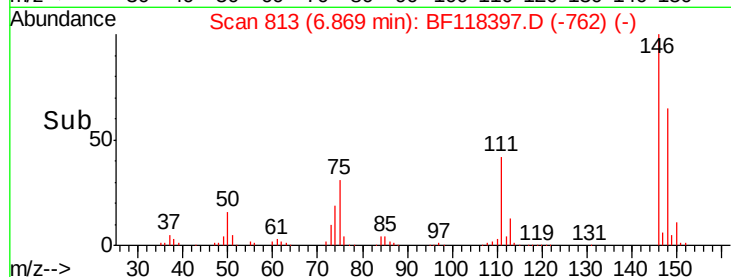
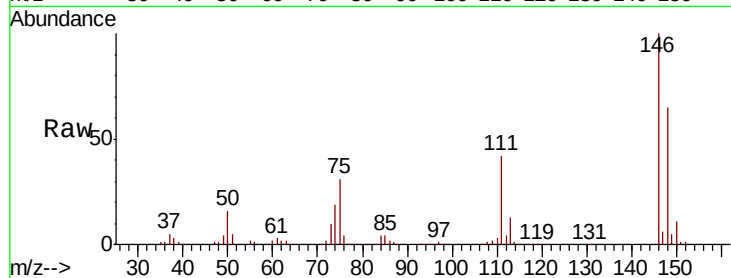




#13
 1,4-Dichlorobenzene
 Concen: 31.696 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

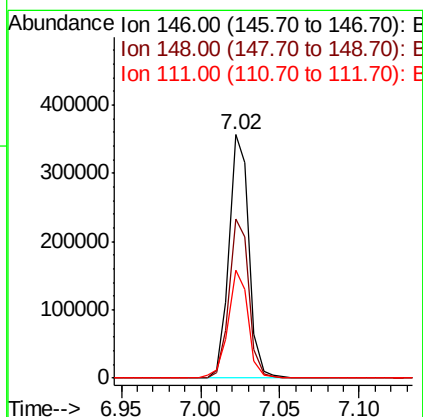
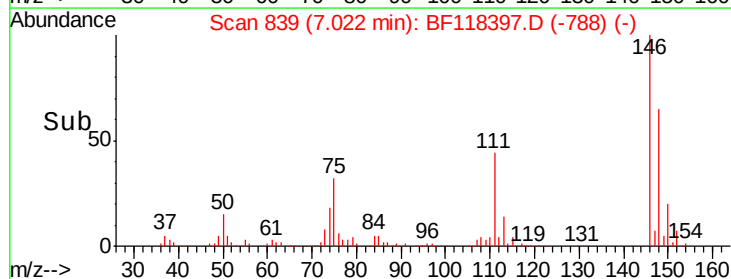
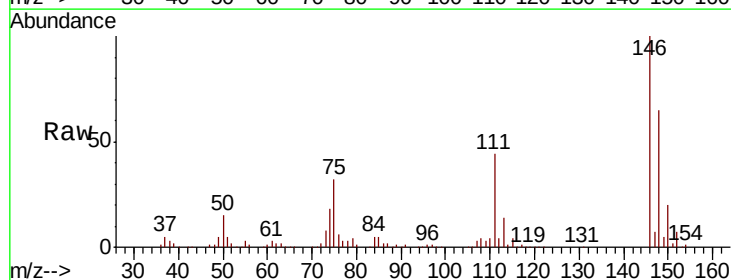
Instrument :
 BNA_F
 ClientSampled :

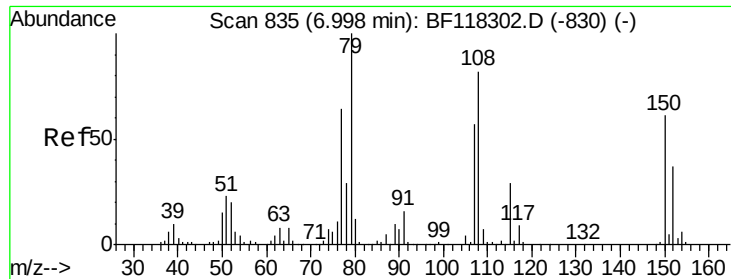
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	41.7	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 31.490 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.3	76.9
111	44.3	35.7	53.5

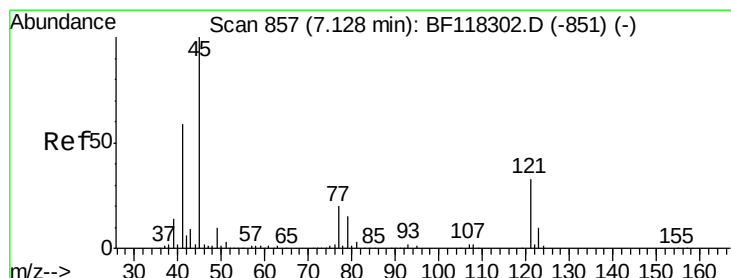
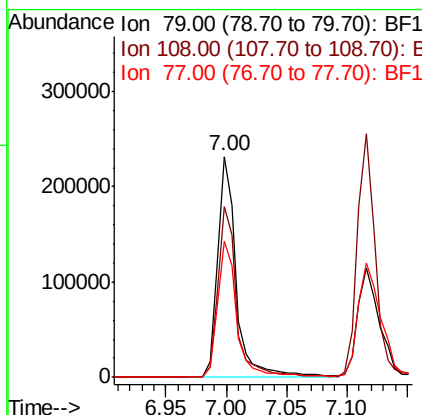
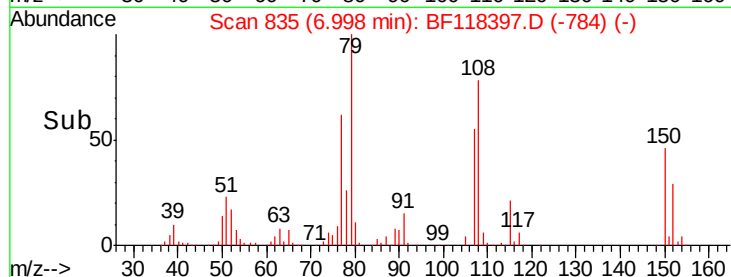
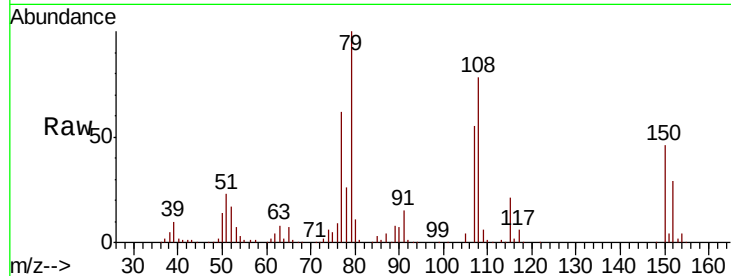




#15
Benzyl Alcohol
Concen: 32.590 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

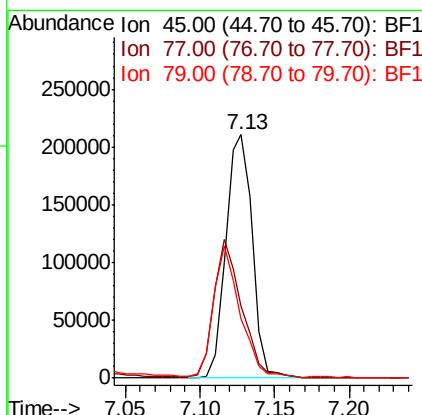
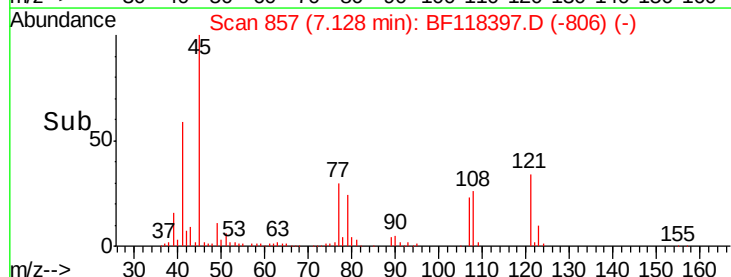
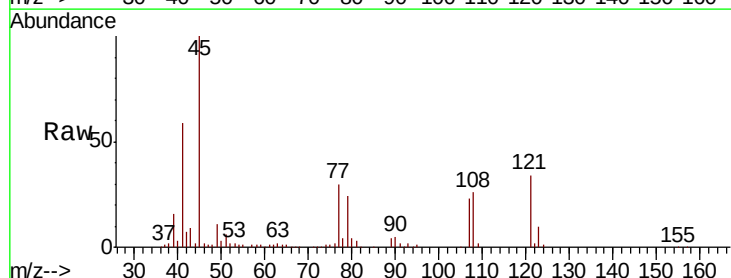
Instrument :
BNA_F
ClientSampled :

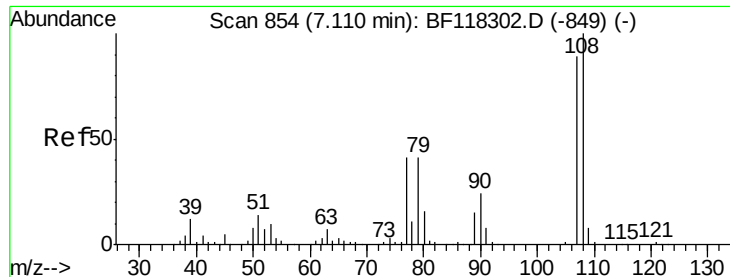
Tot Ion: 79 Resp: 242846
Ion Ratio Lower Upper
79 100
108 77.6 65.4 98.0
77 61.9 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.243 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion: 45 Resp: 262268
Ion Ratio Lower Upper
45 100
77 29.6 1.2 41.2
79 24.4 0.0 37.0

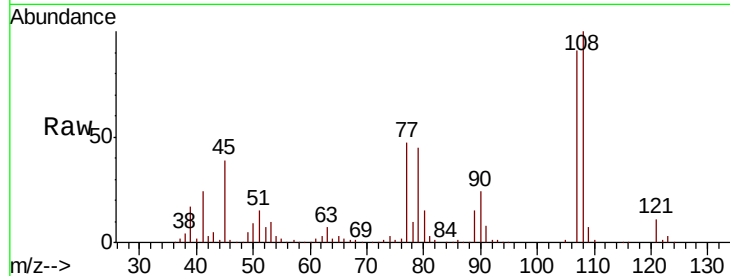




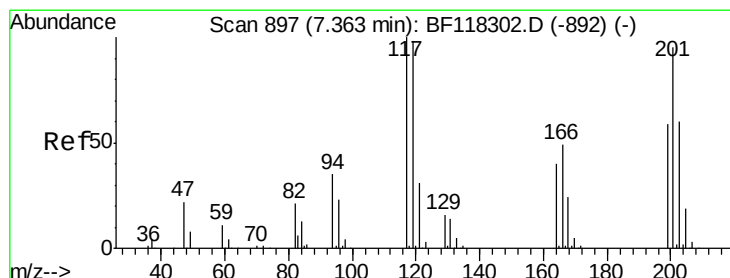
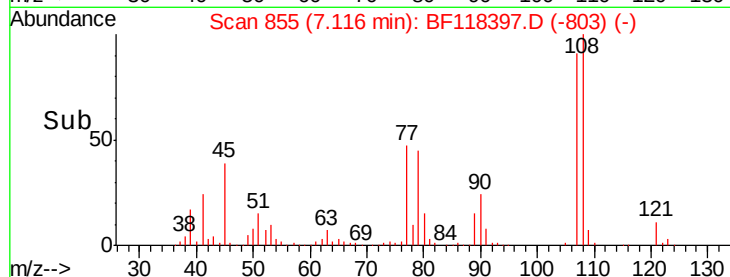
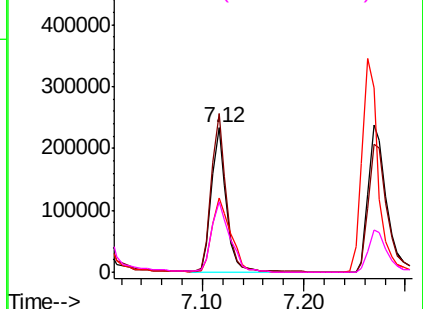
#17
2-Methylphenol
Concen: 33.090 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 237141
Ion Ratio Lower Upper
107 100
108 109.6 89.7 134.5
77 51.4 37.2 55.8
79 48.9 36.7 55.1

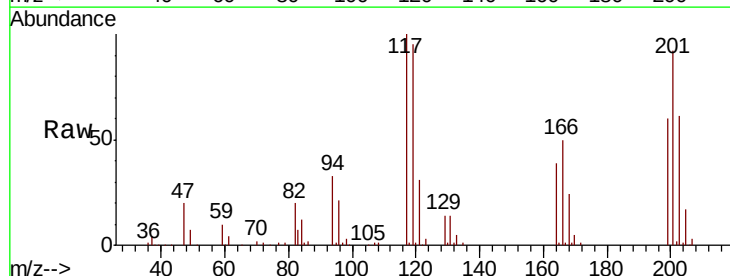


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

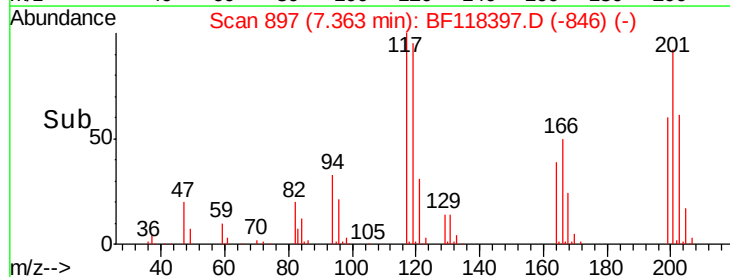
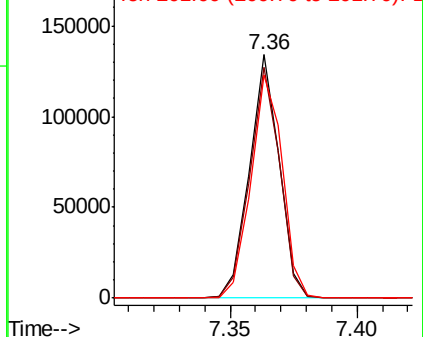


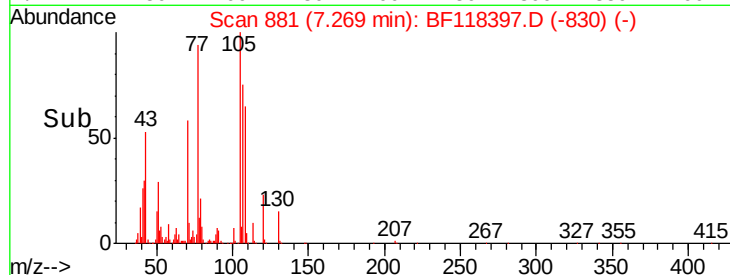
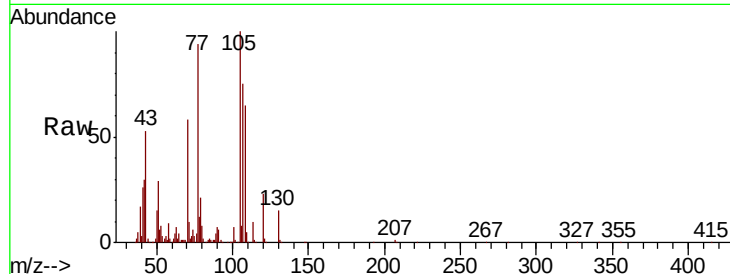
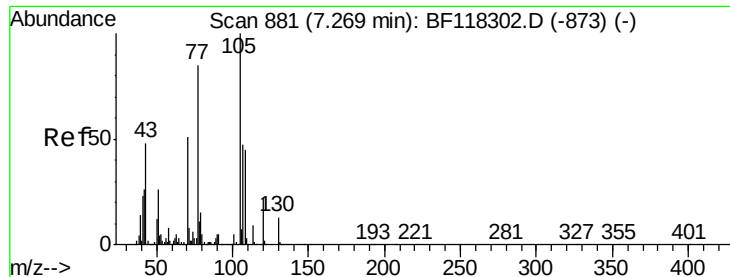
#18
Hexachloroethane
Concen: 28.577 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:117 Resp: 109626
Ion Ratio Lower Upper
117 100
119 94.6 78.0 117.0
201 91.8 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

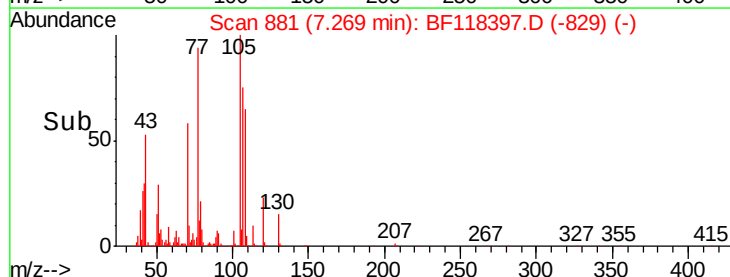
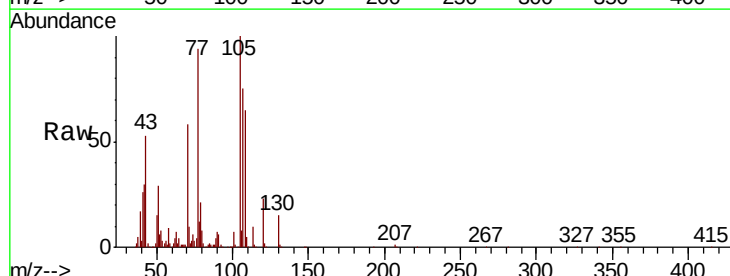
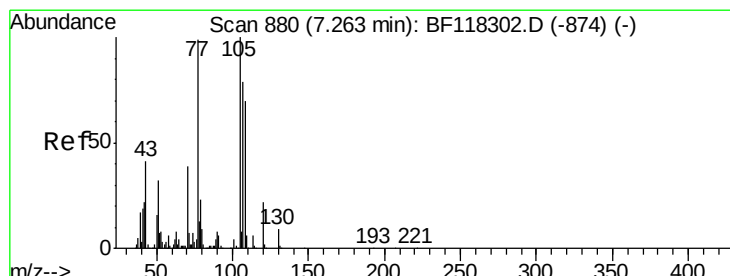
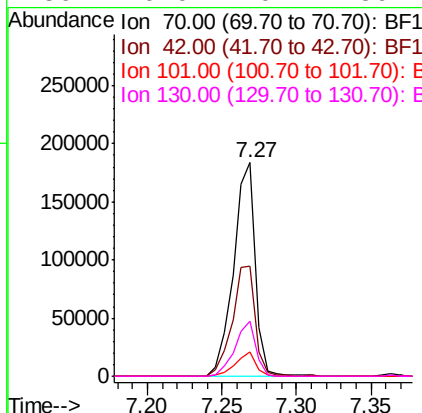




#19
n-Nitroso-di-n-propylamine
Concen: 31.438 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

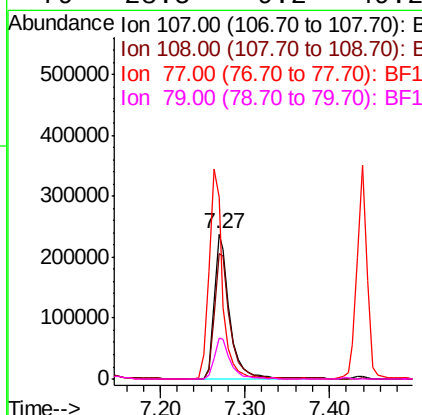
Instrument :
BNA_F
ClientSampleId :

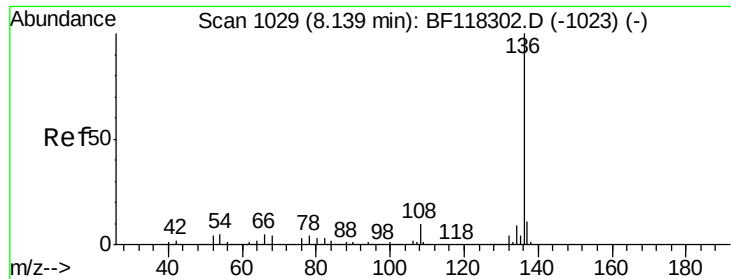
Tot Ion: 70 Resp: 189544
Ion Ratio Lower Upper
70 100
42 51.6 41.1 61.7
101 11.3 8.3 12.5
130 26.0 20.1 30.1



#20
3+4-Methylphenols
Concen: 33.358 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:107 Resp: 305966
Ion Ratio Lower Upper
107 100
108 86.7 69.3 109.3
77 125.0 105.9 145.9
79 28.5 9.2 49.2

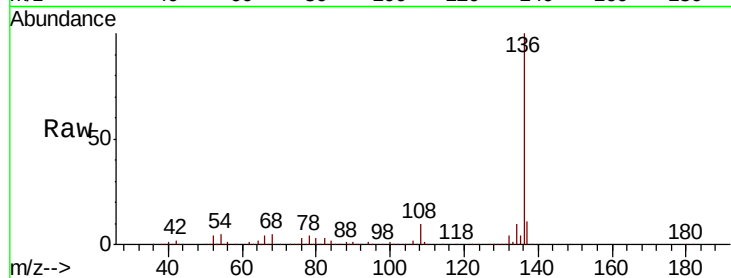




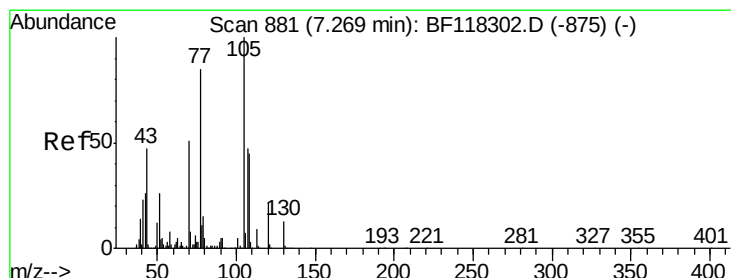
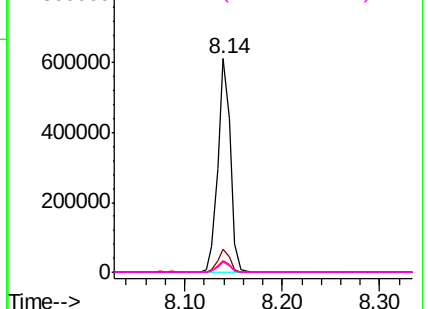
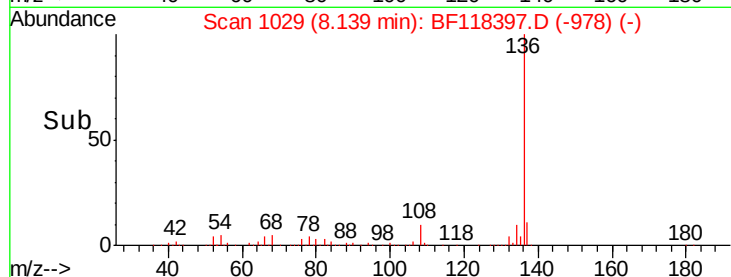
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	541026
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.4	4.2	6.4
68 4.6	3.5	5.3

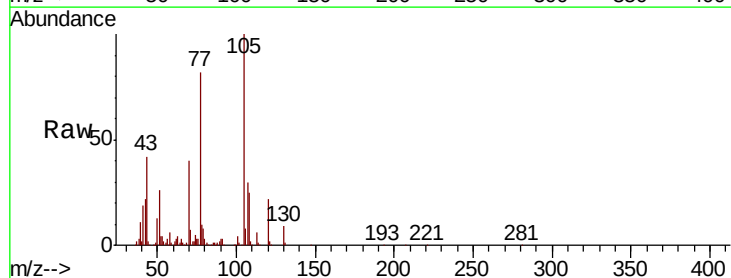


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

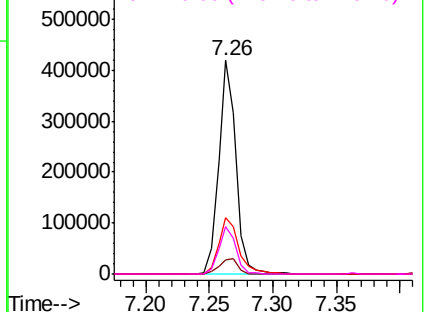
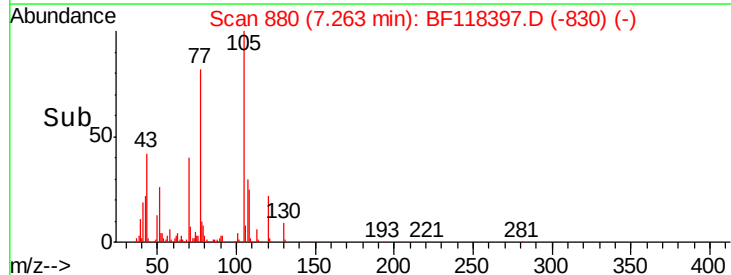


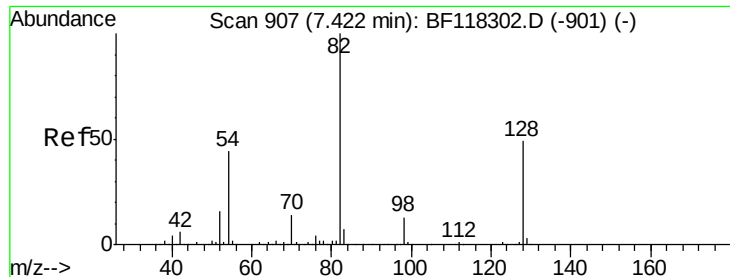
#22
Acetophenone
Concen: 29.990 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt	Ion:105	Resp:	397672
Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.6	9.8
51	26.3	20.6	30.8
120	22.5	18.0	27.0



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

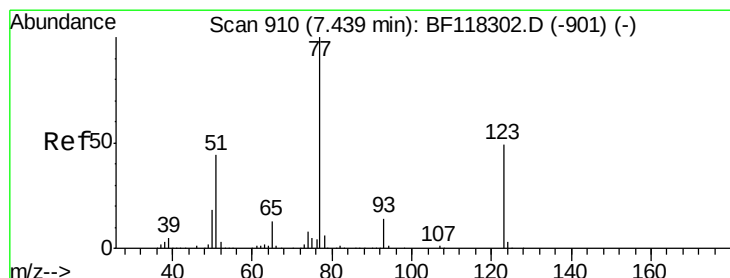
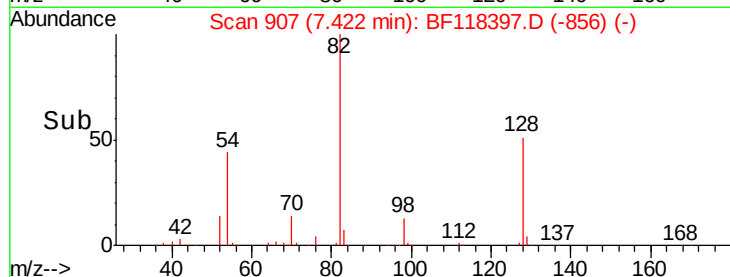
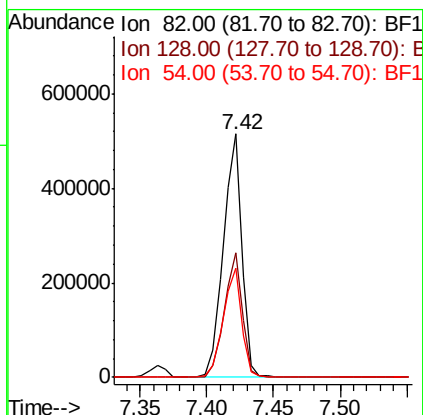
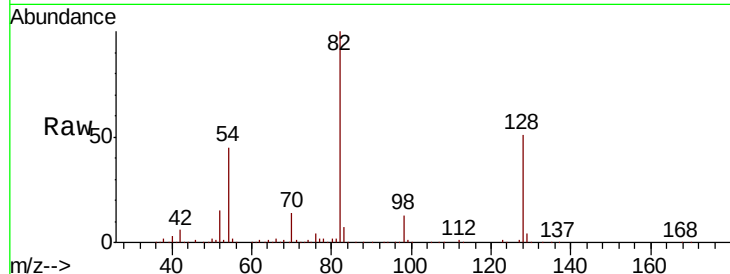




#23
 Nitrobenzene-d5
 Concen: 53.798 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

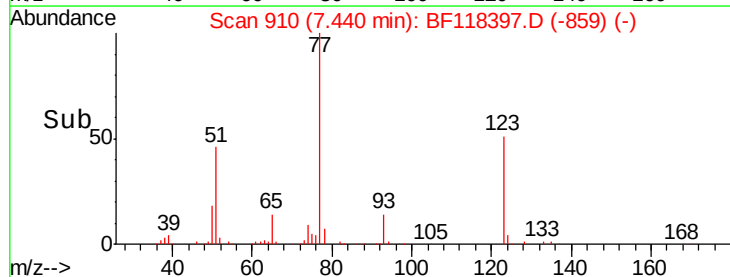
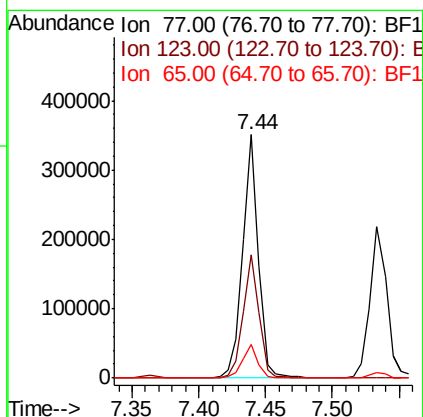
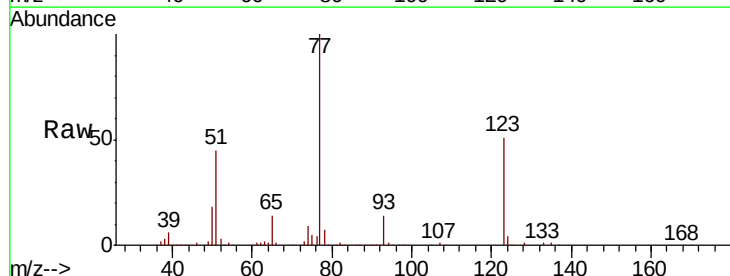
Instrument :
 BNA_F
 ClientSampleId :

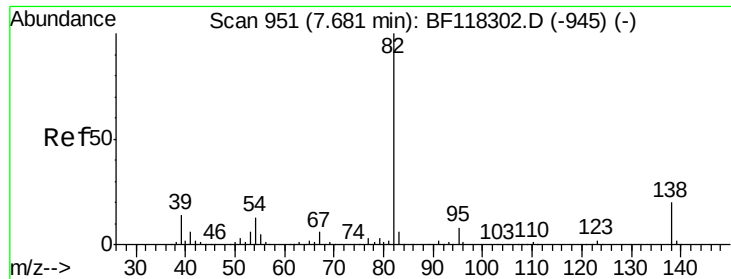
Tot Ion	82	Resp	508896
Ion Ratio	Lower	Upper	
82	100		
128	51.1	39.6	59.4
54	44.7	34.9	52.3



#24
 Nitrobenzene
 Concen: 30.180 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion	77	Resp	285974
Ion Ratio	Lower	Upper	
77	100		
123	50.8	39.1	58.7
65	13.8	10.6	16.0





#25

Isophorone

Concen: 31.874 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

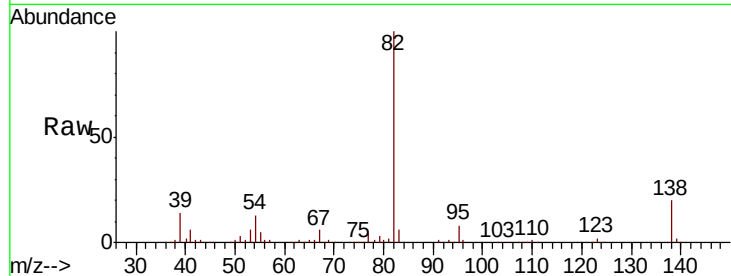
Tot Ion: 82 Resp: 525457

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

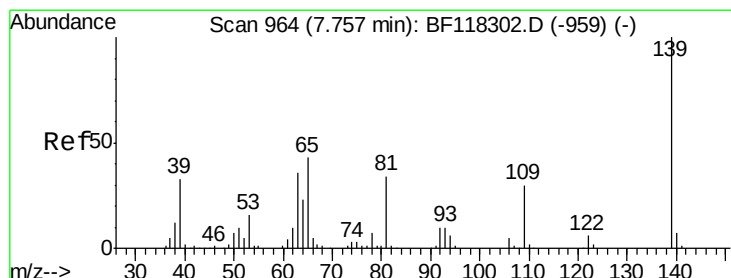
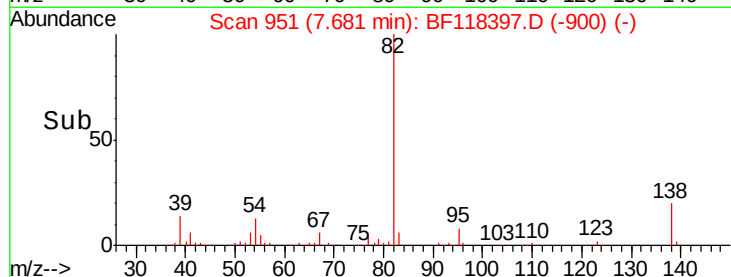
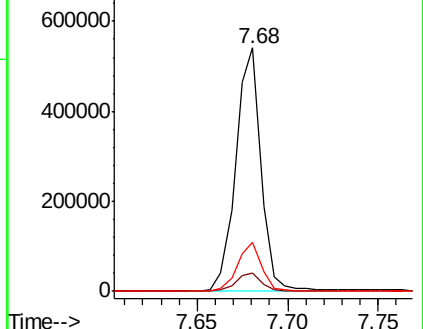
138 20.4 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 31.241 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

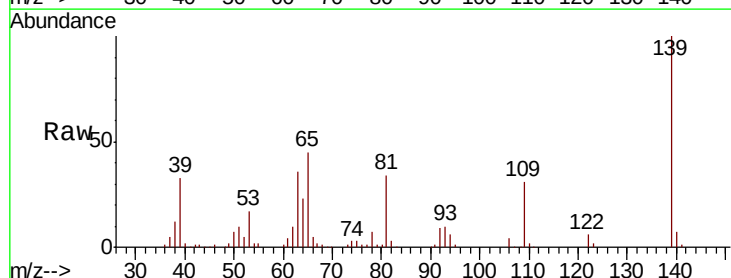
Tgt Ion: 139 Resp: 156796

Ion Ratio Lower Upper

139 100

109 31.1 24.1 36.1

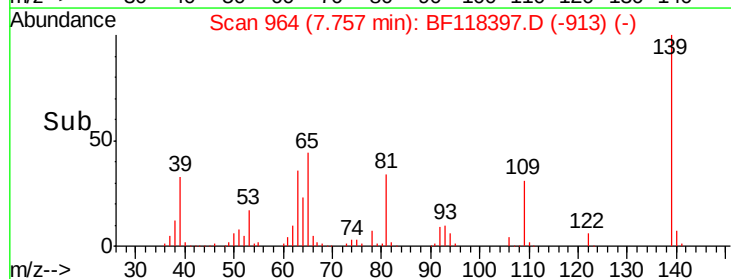
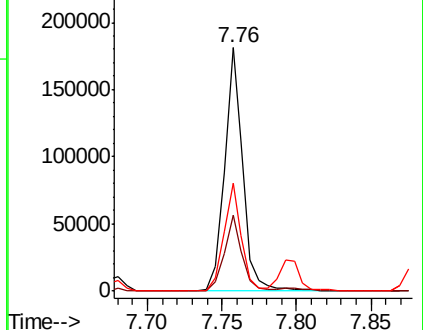
65 44.6 34.6 52.0

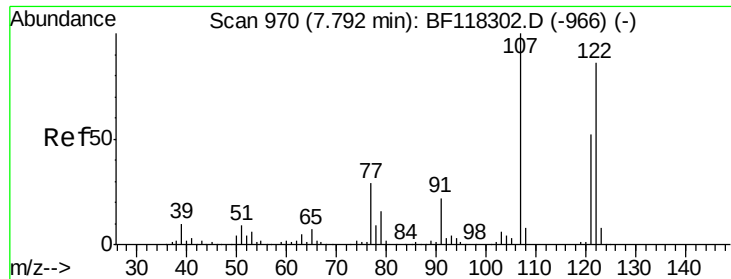


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.605 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

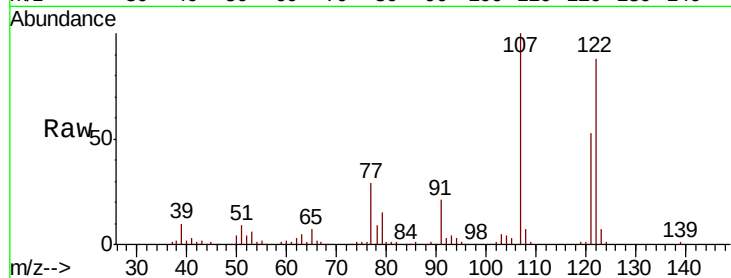
Tot Ion:122 Resp: 250665

Ion Ratio Lower Upper

122 100

107 113.1 92.9 139.3

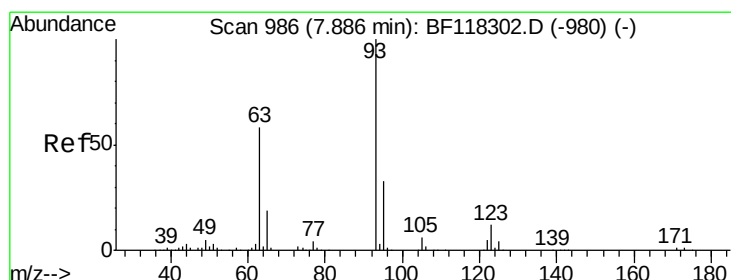
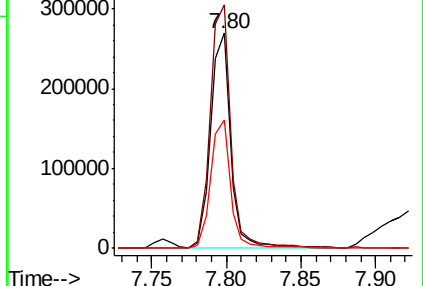
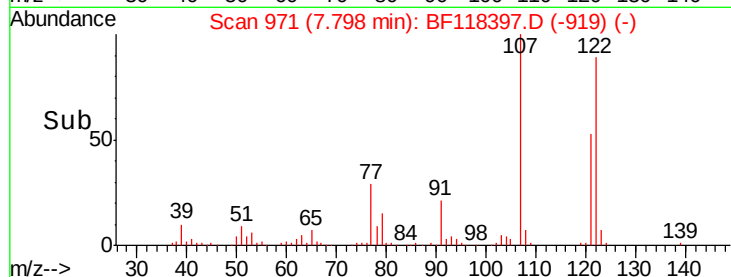
121 59.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.639 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

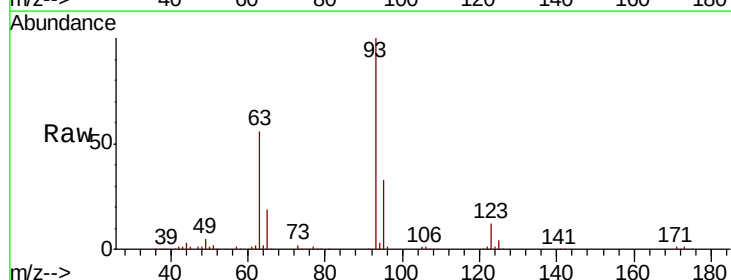
Tgt Ion: 93 Resp: 330336

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

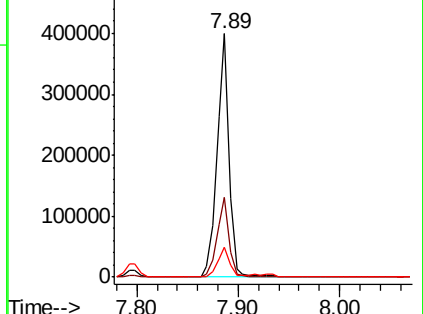
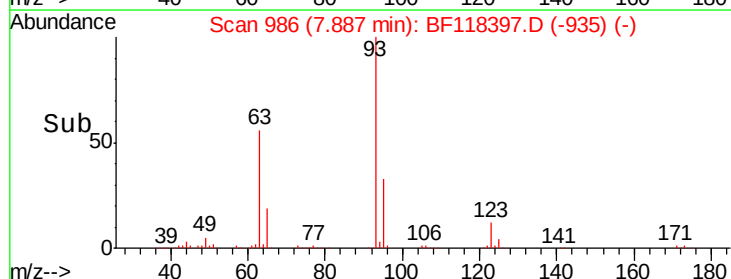
123 12.0 9.8 14.8

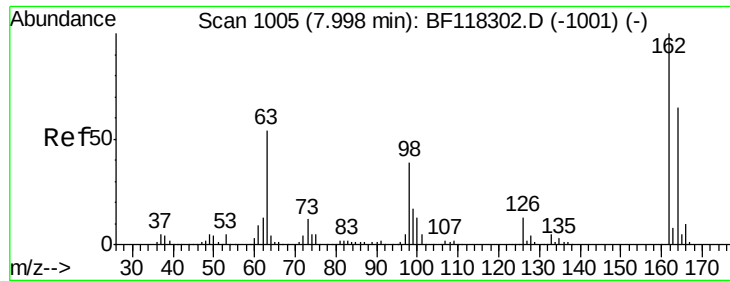


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

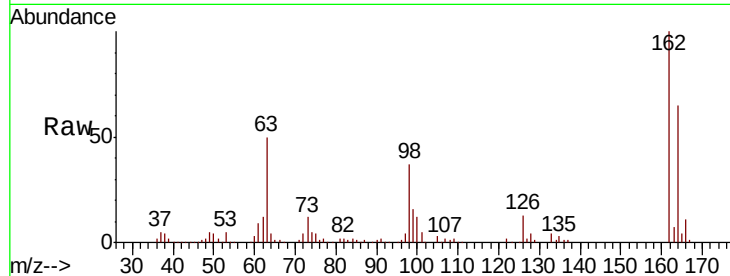




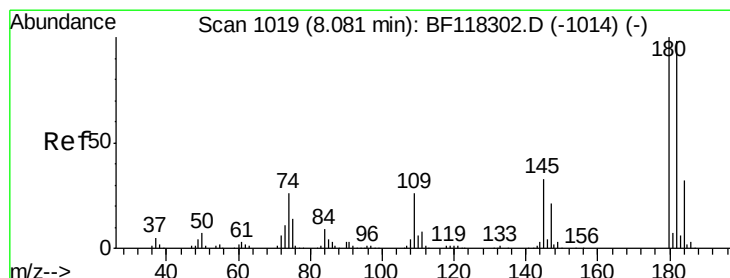
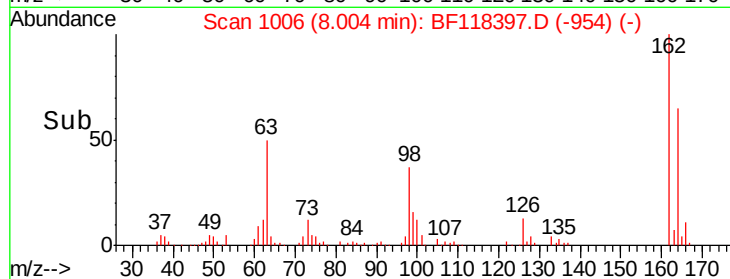
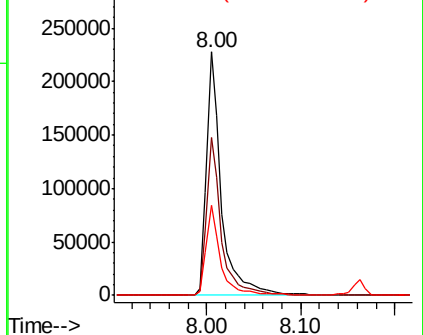
#29
 2,4-Dichlorophenol
 Concen: 32.057 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 252671
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.1 85.1
 98 37.1 18.6 58.6

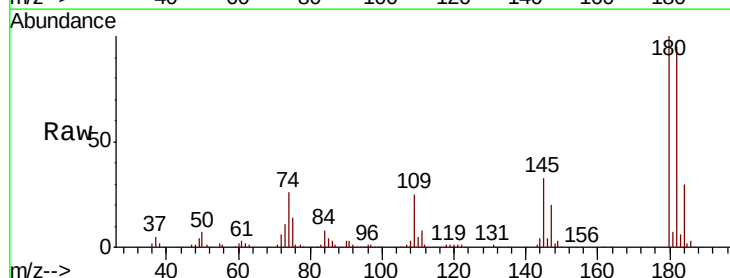


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

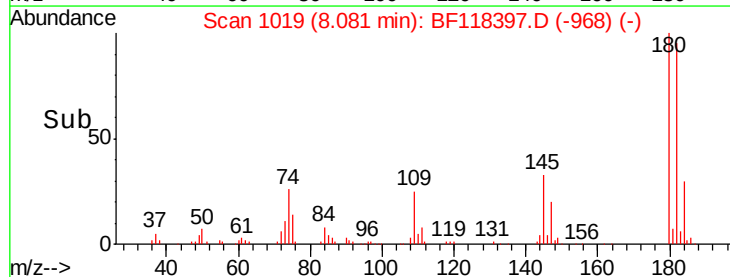
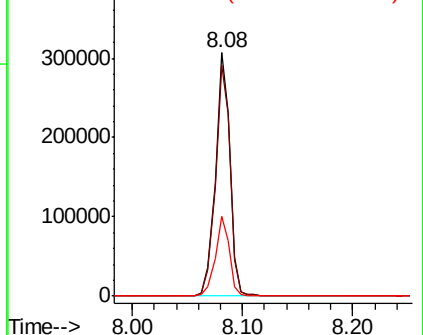


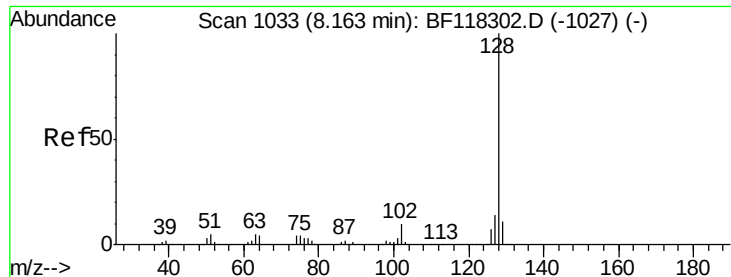
#30
 1,2,4-Trichlorobenzene
 Concen: 30.193 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion:180 Resp: 277214
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.3 117.5
 145 33.0 26.7 40.1



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

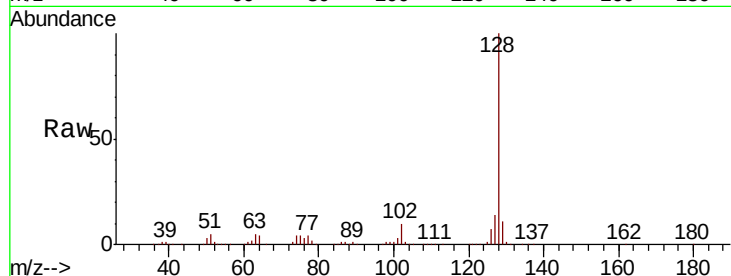




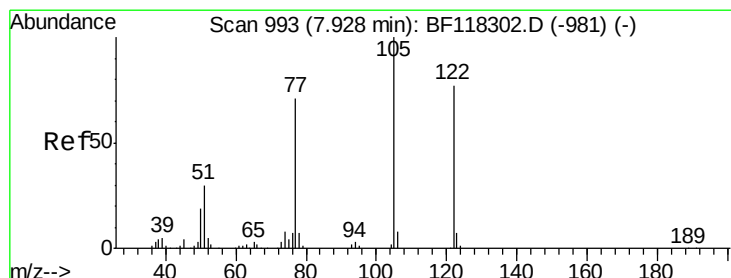
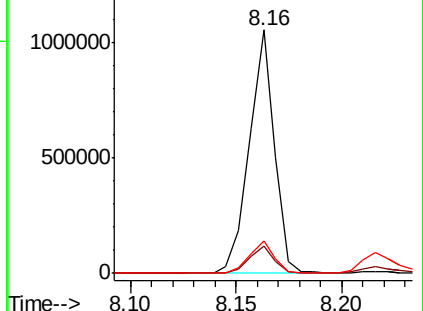
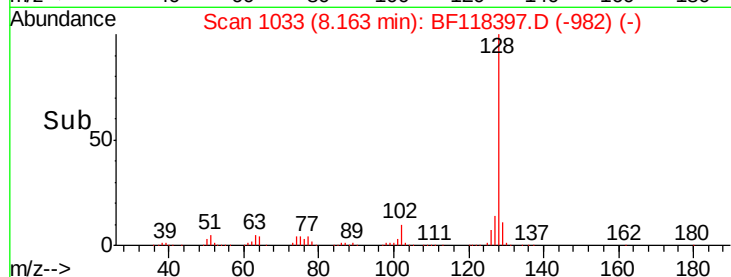
#31
Naphthalene
Concen: 31.684 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 871271
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.5 11.0 16.4

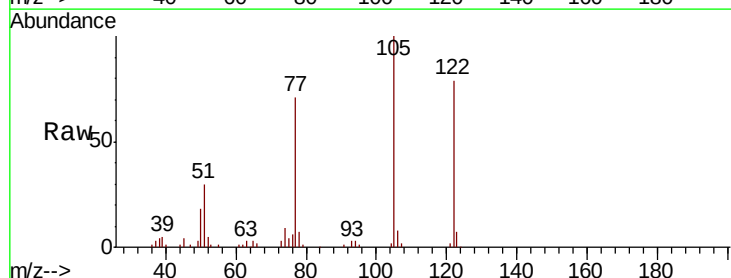


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

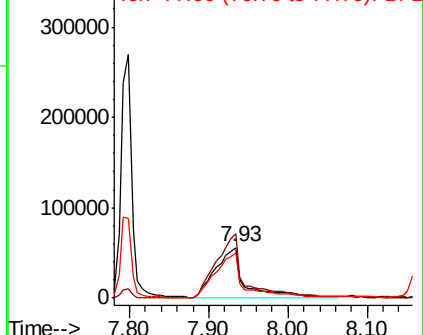
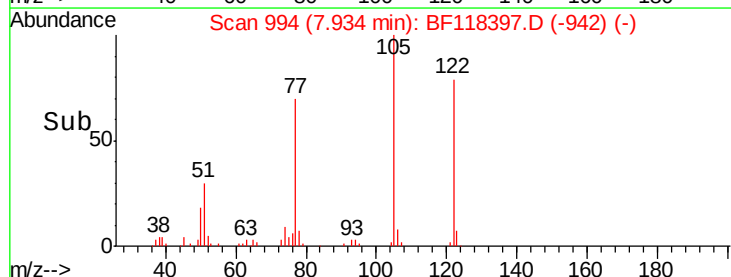


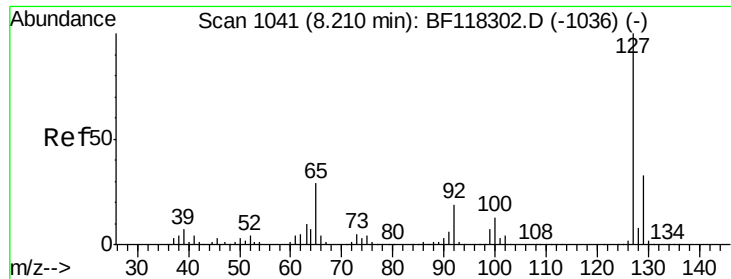
#32
Benzoic acid
Concen: 27.071 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:122 Resp: 140308
Ion Ratio Lower Upper
122 100
105 126.8 106.8 146.8
77 90.5 70.4 110.4



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

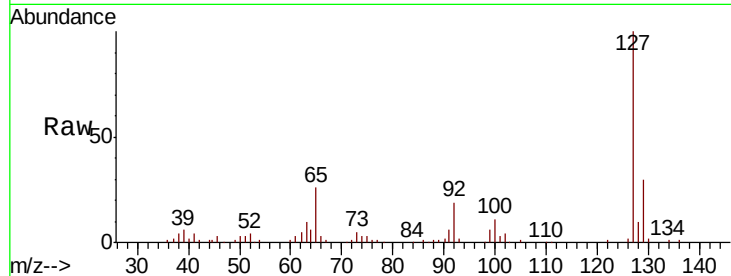




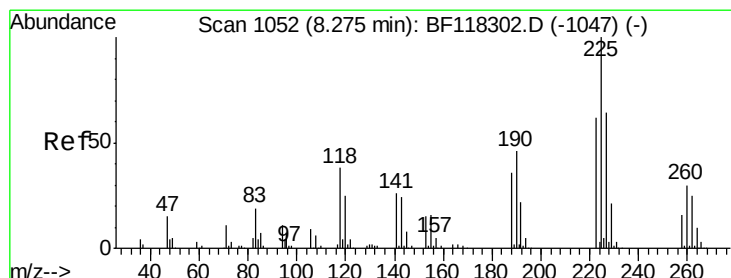
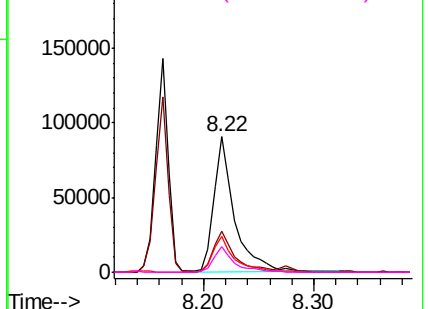
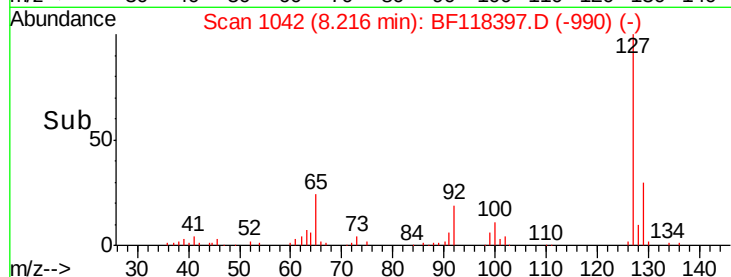
#33
4-Chloroaniline
Concen: 9.964 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 117464
Ion Ratio Lower Upper
127 100
129 30.4 26.5 39.7
65 26.3 22.8 34.2
92 18.7 15.5 23.3

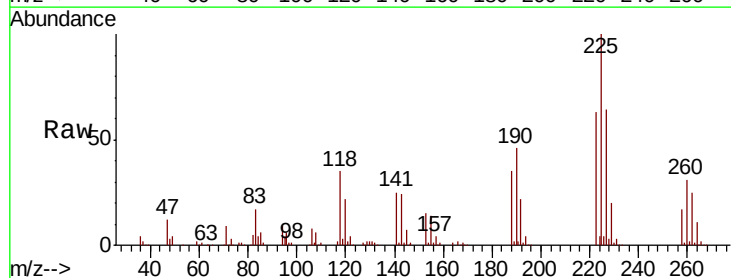


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

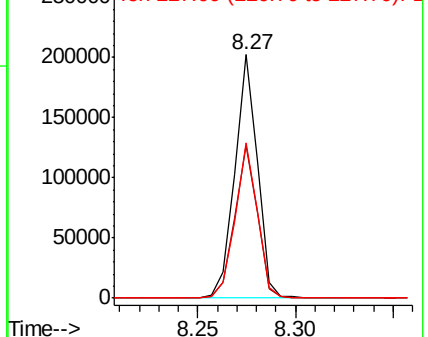
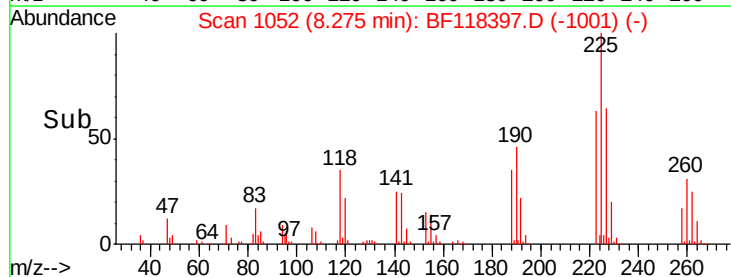


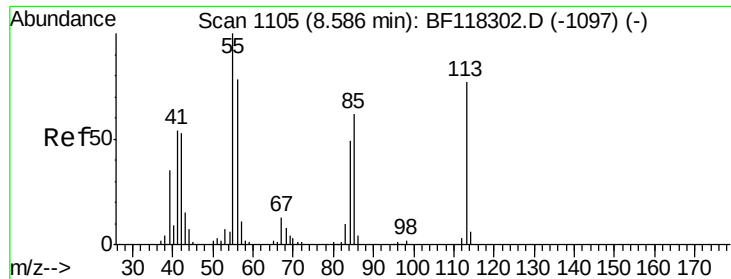
#34
Hexachlorobutadiene
Concen: 29.699 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:225 Resp: 162314
Ion Ratio Lower Upper
225 100
223 62.9 49.5 74.3
227 63.8 51.0 76.4



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

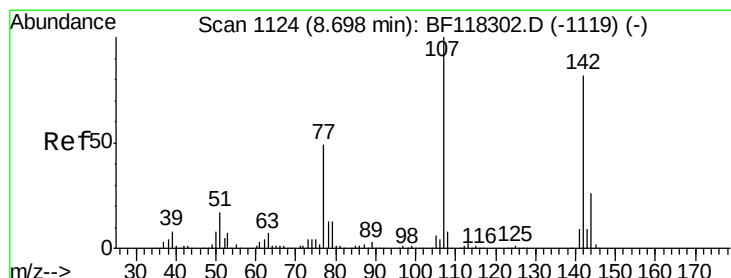
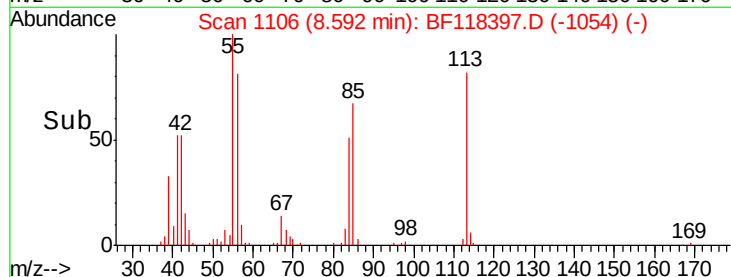
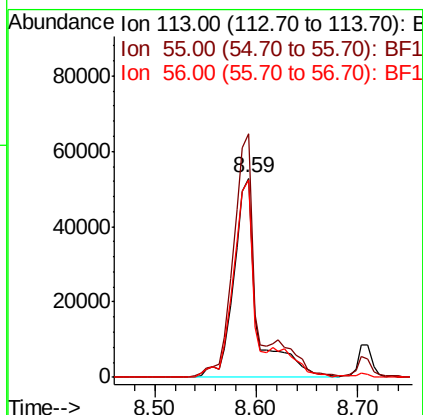
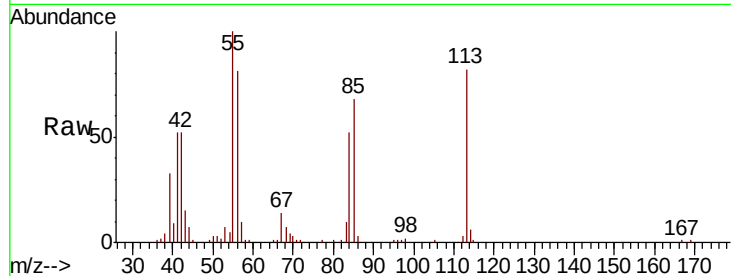




#35
 Caprolactam
 Concen: 34.520 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

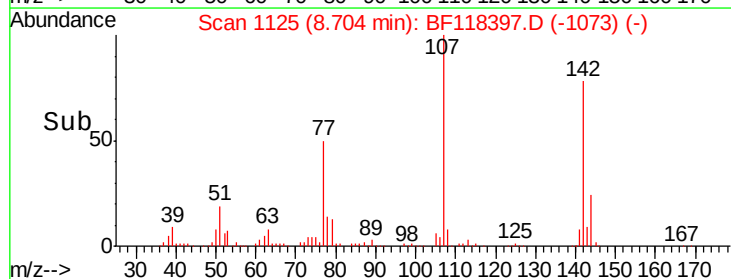
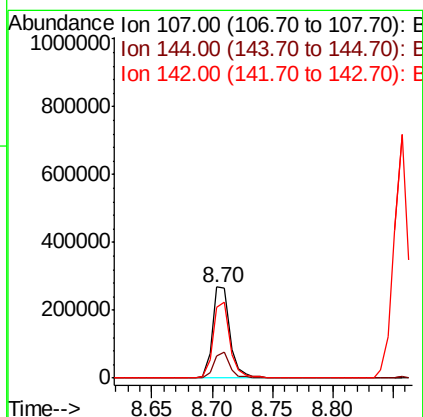
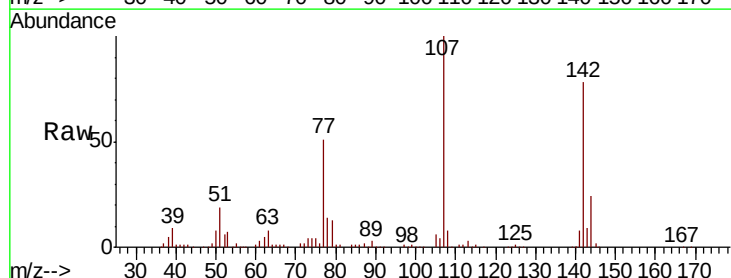
Instrument :
 BNA_F
 ClientSampleId :

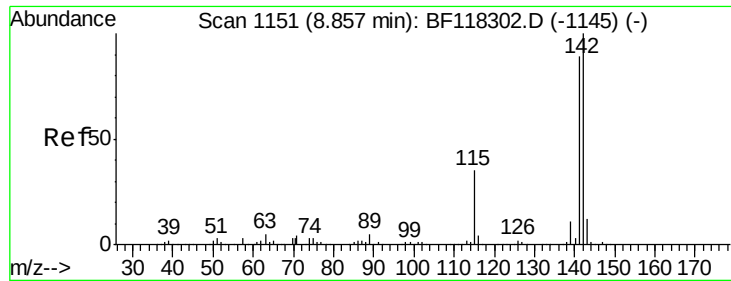
Tot Ion:113 Resp: 84944
 Ion Ratio Lower Upper
 113 100
 55 122.3 109.8 149.8
 56 99.0 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.611 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion:107 Resp: 267501
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.2 31.8
 142 77.5 65.4 98.2

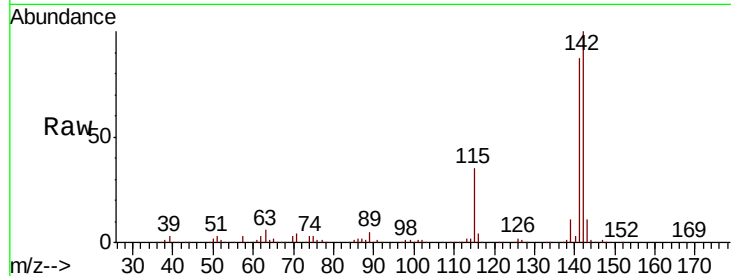




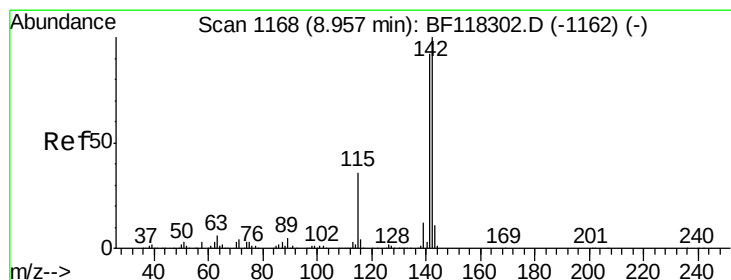
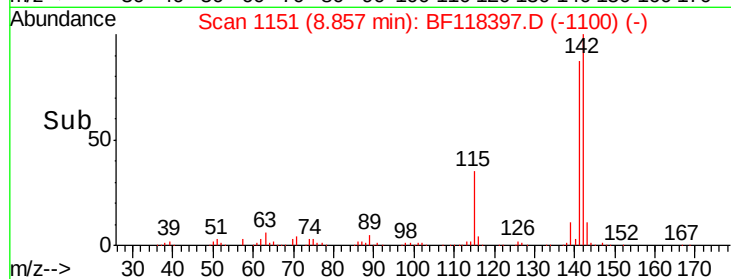
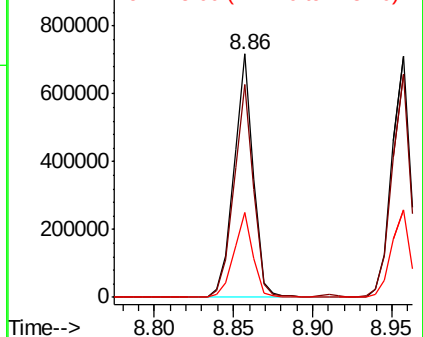
#37
2-Methylnaphthalene
Concen: 32.195 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 606130
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8
115 34.7 28.0 42.0

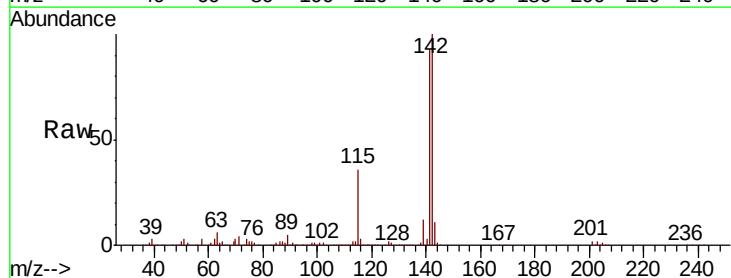


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

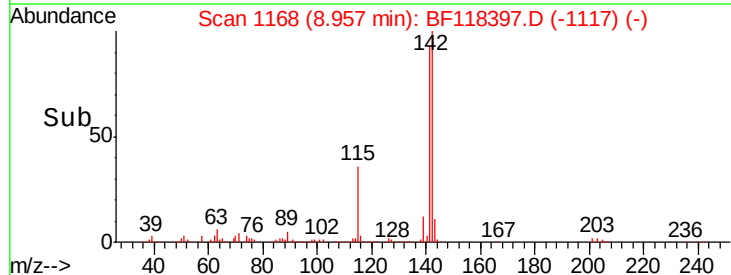
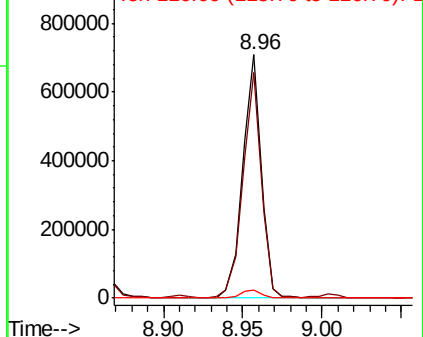


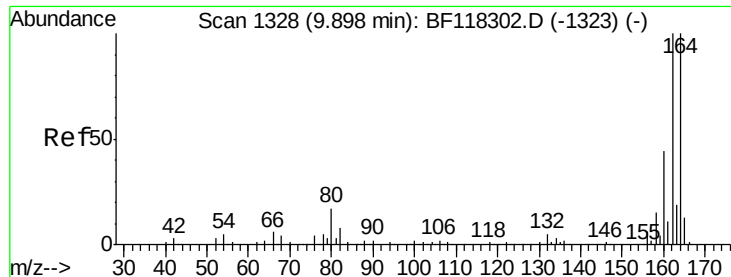
#38
1-Methylnaphthalene
Concen: 32.195 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:142 Resp: 571072
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2
116 3.5 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

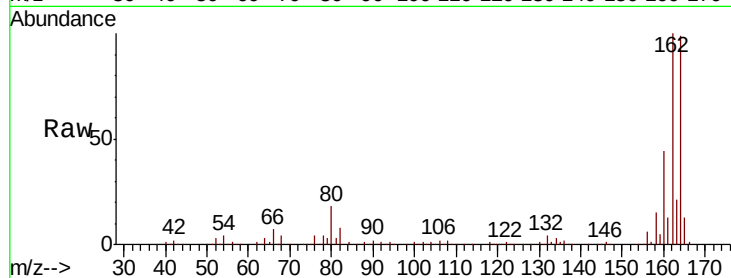
Tot Ion:164 Resp: 288407

Ion Ratio Lower Upper

164 100

162 100.6 80.0 120.0

160 44.0 34.8 52.2

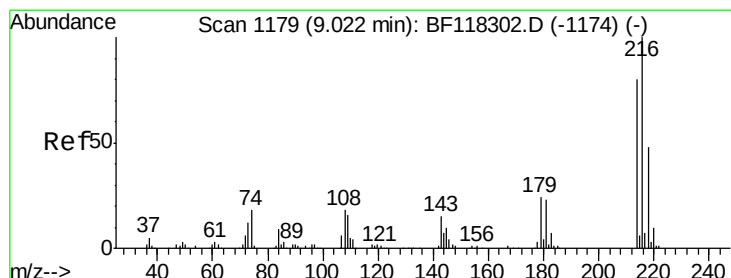
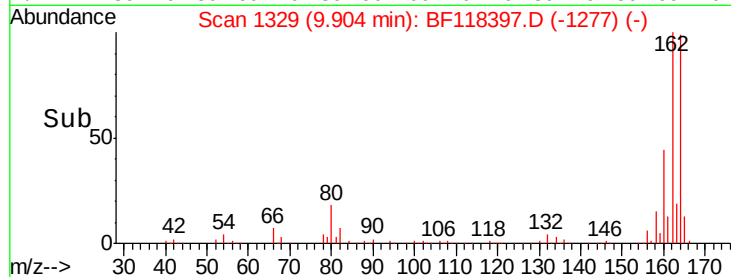
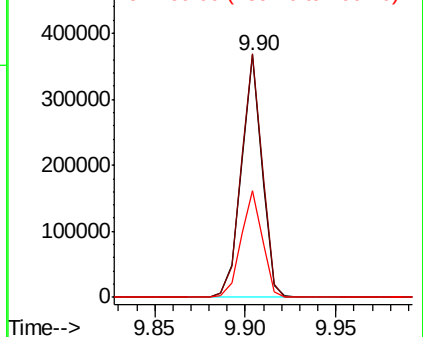


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.728 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Tgt Ion:216 Resp: 266266

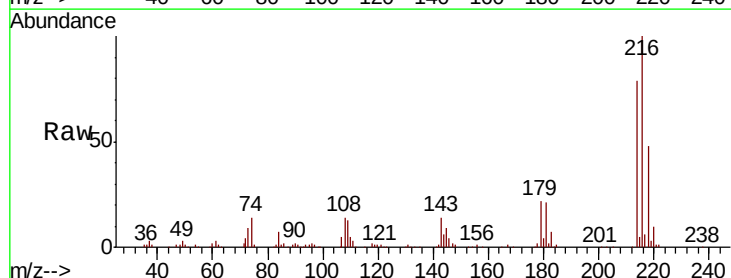
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 22.8 18.9 28.3

108 18.3 15.0 22.6



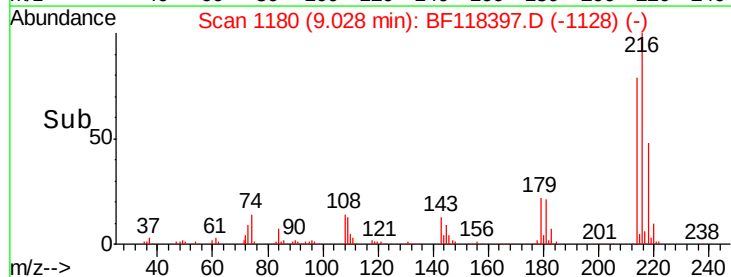
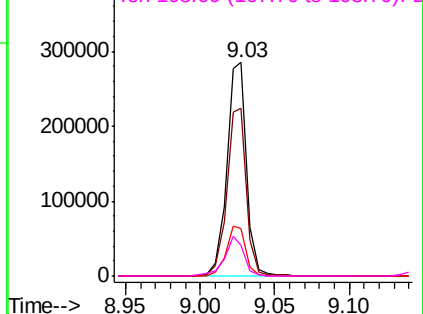
Abundance

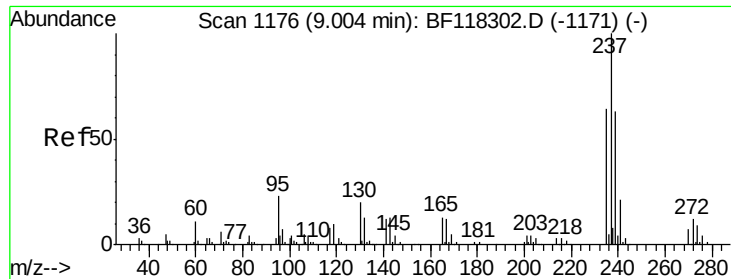
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

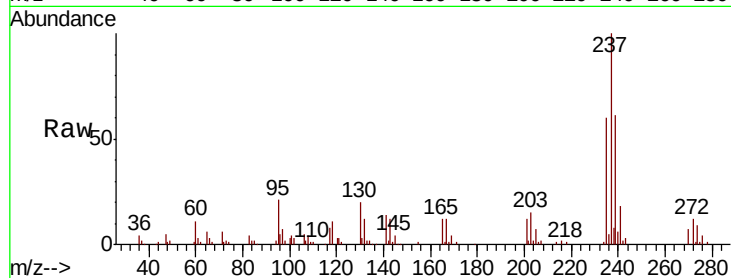




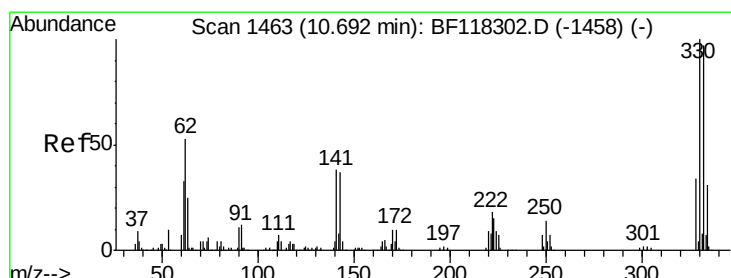
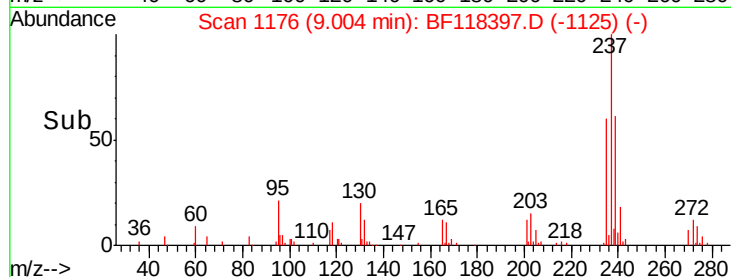
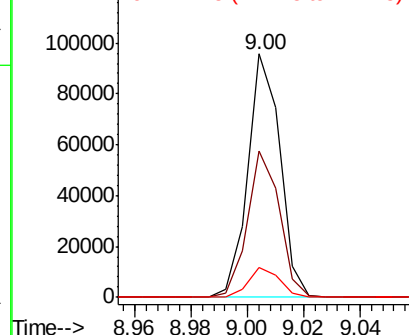
#41
Hexachlorocyclopentadiene
Concen: 27.411 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 75574
Ion Ratio Lower Upper
237 100
235 60.2 43.8 83.8
272 12.4 0.0 31.7

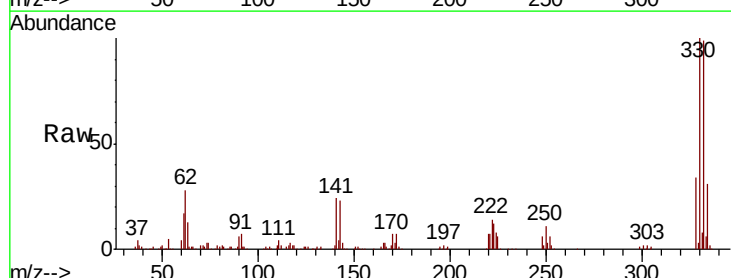


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

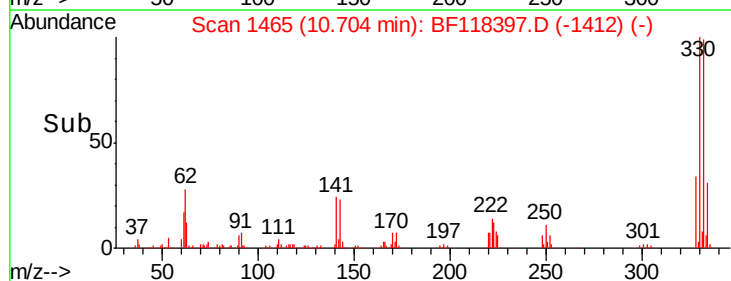
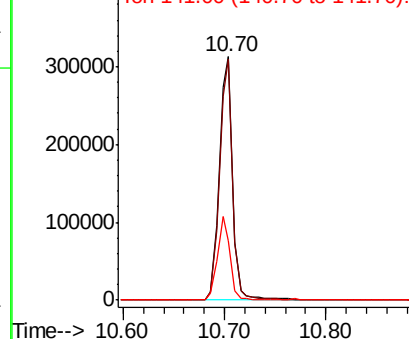


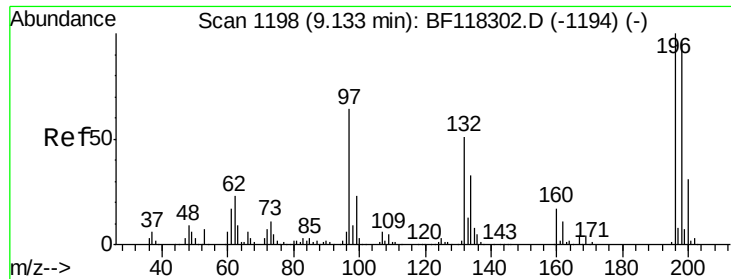
#42
2,4,6-Tribromophenol
Concen: 80.529 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:330 Resp: 286813
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 32.1 26.0 39.0



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

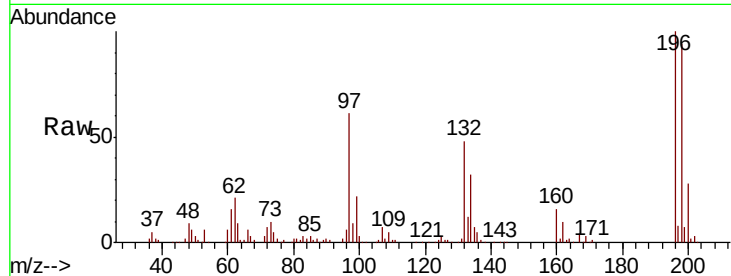




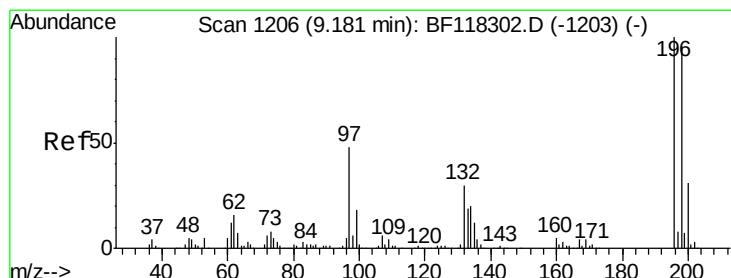
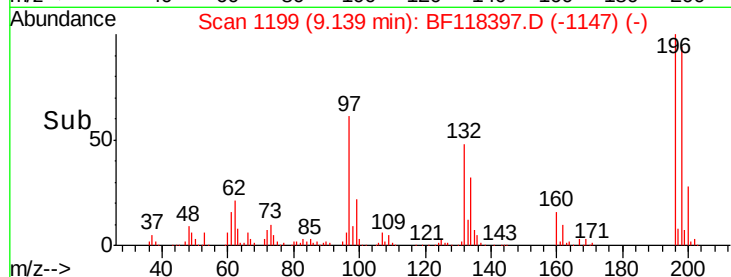
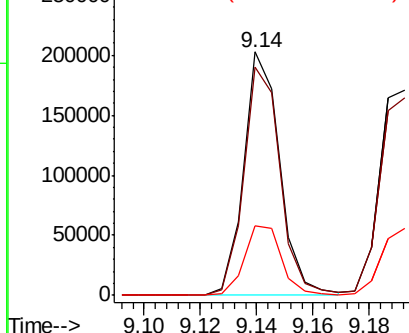
#43
 2,4,6-Trichlorophenol
 Concen: 30.960 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 179227
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.7 115.1
 200 28.5 24.8 37.2

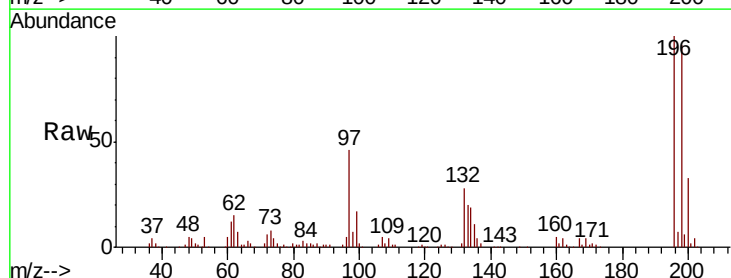


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

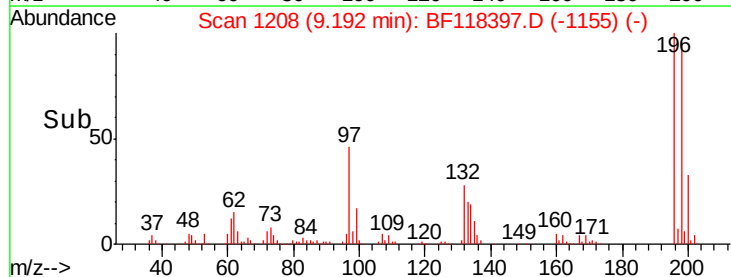
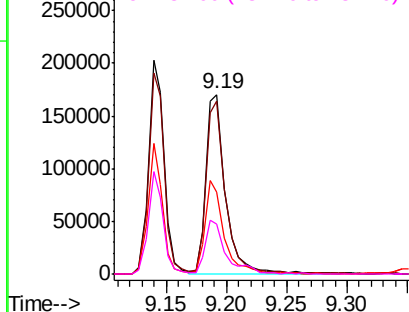


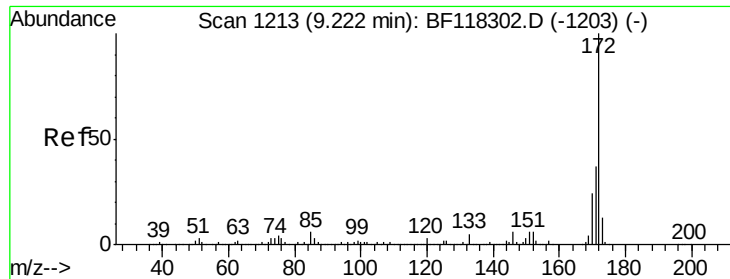
#44
 2,4,5-Trichlorophenol
 Concen: 31.866 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion:196 Resp: 189770
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.0 115.4
 97 45.8 38.9 58.3
 132 28.1 23.9 35.9



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

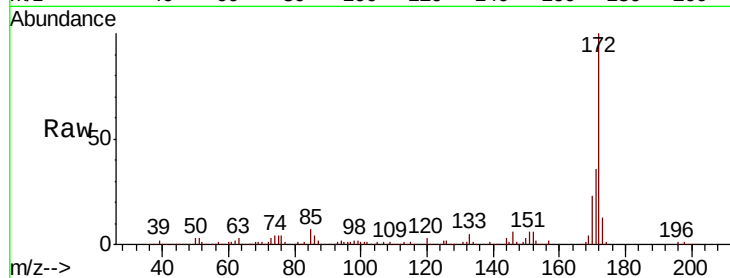




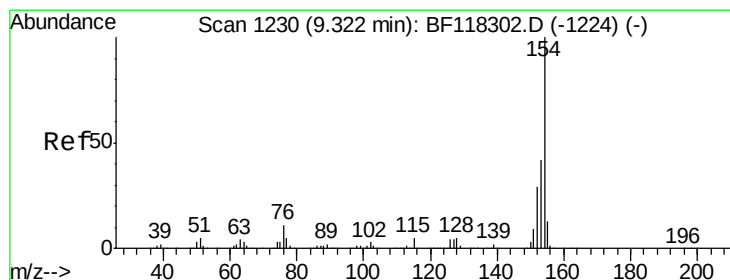
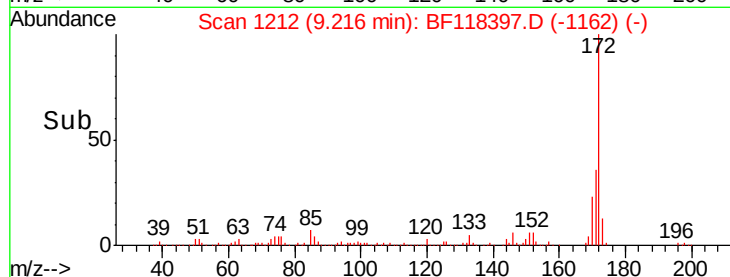
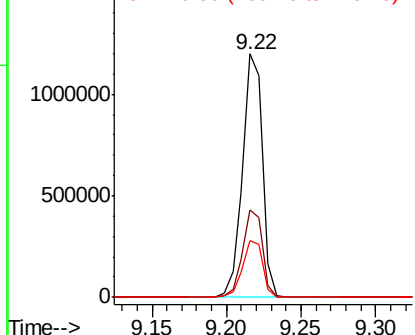
#45
2-Fluorobiphenyl
Concen: 58.672 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1108525
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.4 19.2 28.8

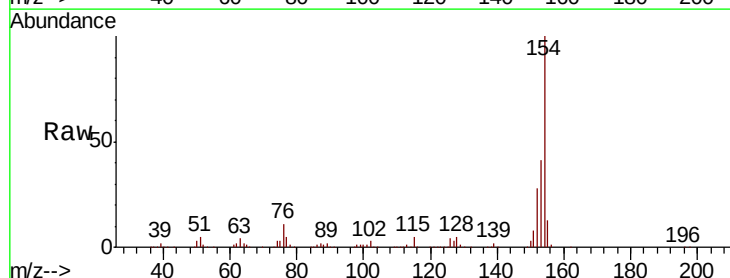


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

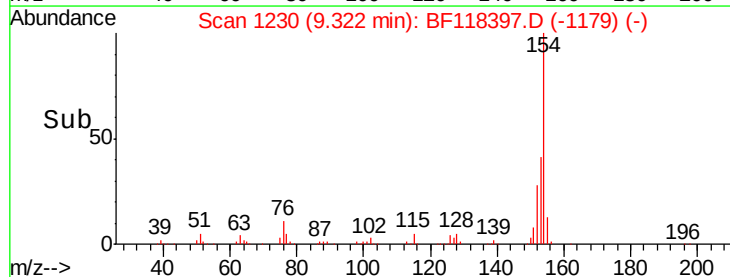
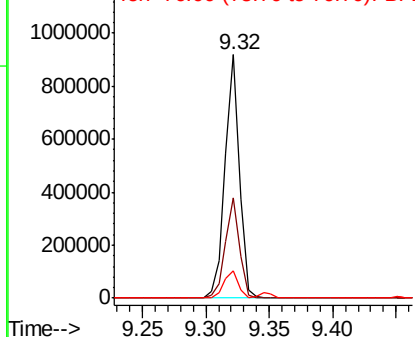


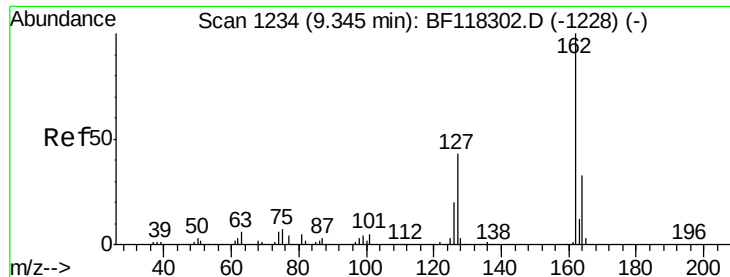
#46
1,1'-Biphenyl
Concen: 31.842 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:154 Resp: 726365
Ion Ratio Lower Upper
154 100
153 41.2 21.8 61.8
76 11.2 0.0 30.9



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

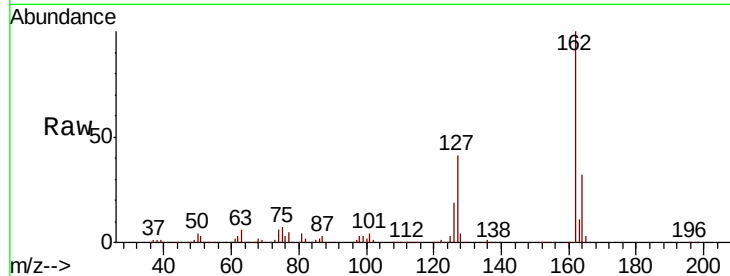




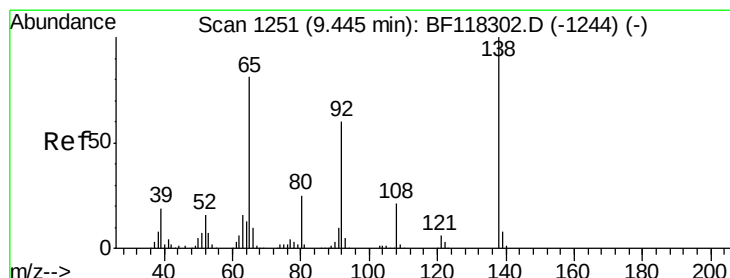
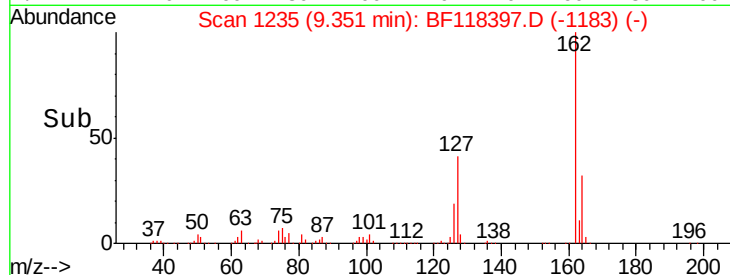
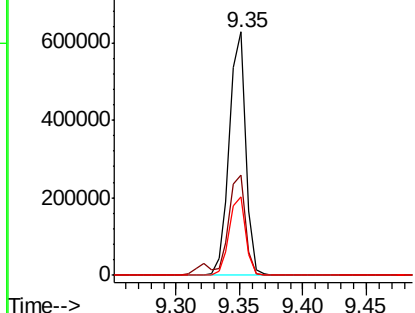
#47
2-Chloronaphthalene
Concen: 30.686 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	35.0	52.4
164	32.5	26.6	40.0

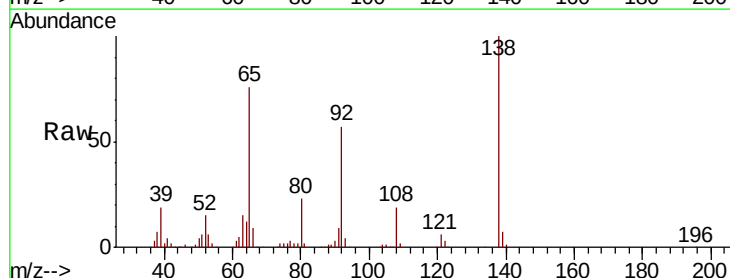


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

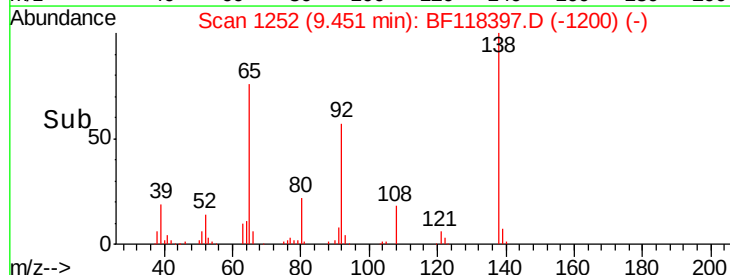
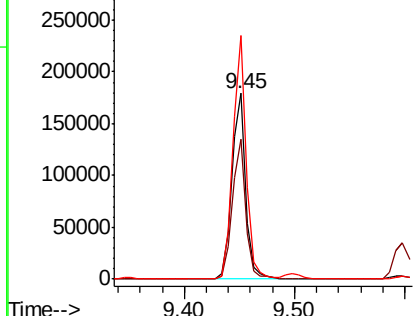


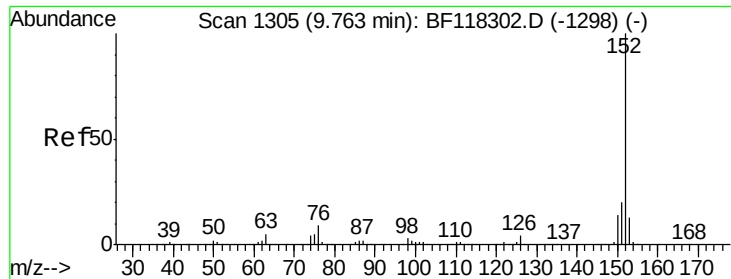
#48
2-Nitroaniline
Concen: 30.501 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	58.7	88.1
138	131.0	98.5	147.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.501 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

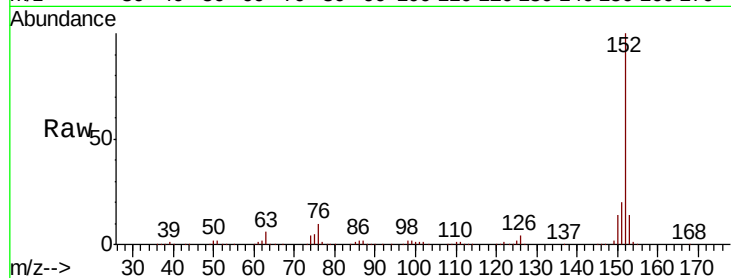
Tot Ion:152 Resp: 884966

Ion Ratio Lower Upper

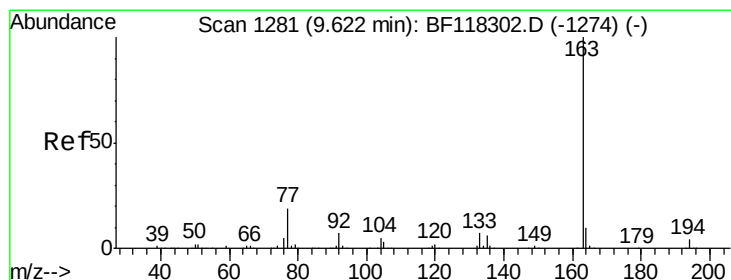
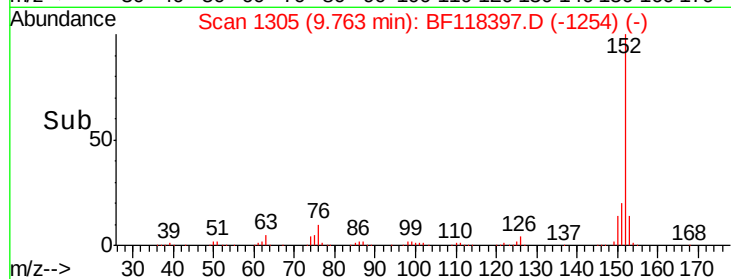
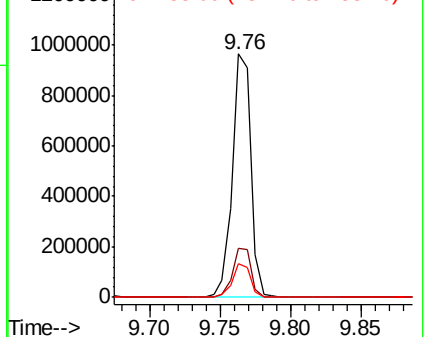
152 100

151 20.3 16.2 24.2

153 13.6 10.5 15.7



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



#50

Dimethylphthalate

Concen: 34.851 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

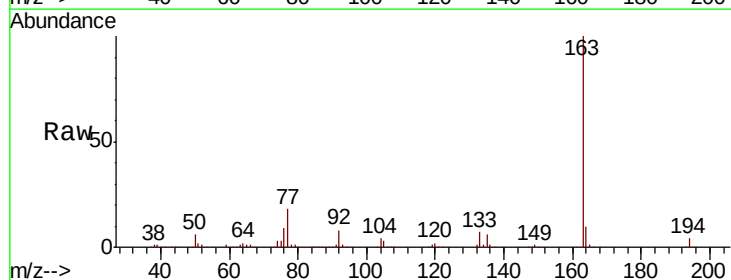
Tgt Ion:163 Resp: 754477

Ion Ratio Lower Upper

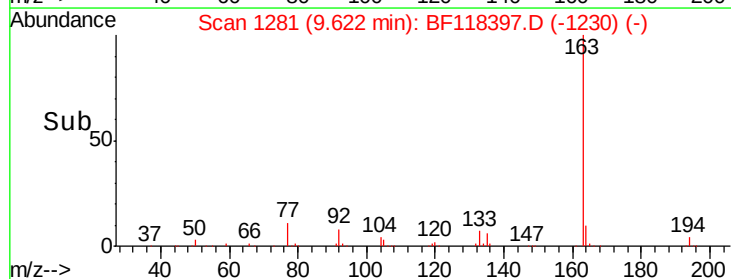
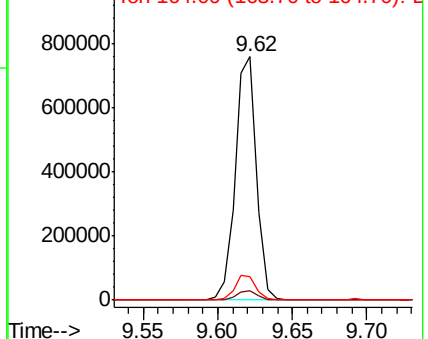
163 100

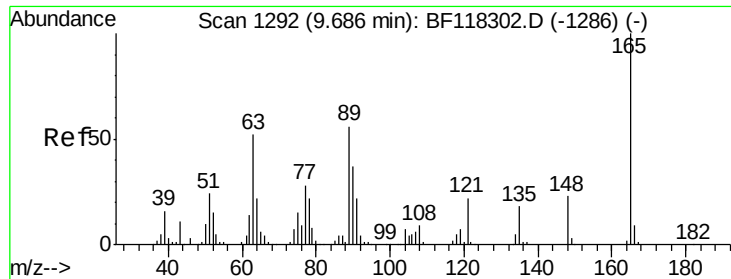
194 3.8 3.2 4.8

164 9.8 7.9 11.9



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

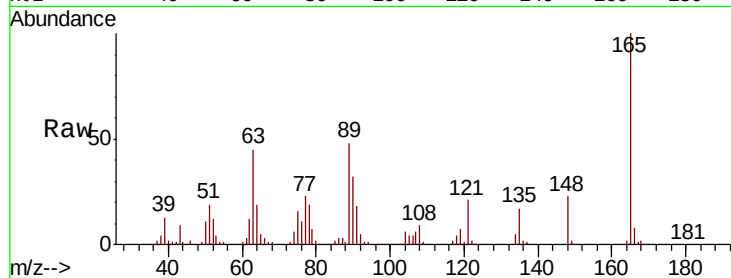




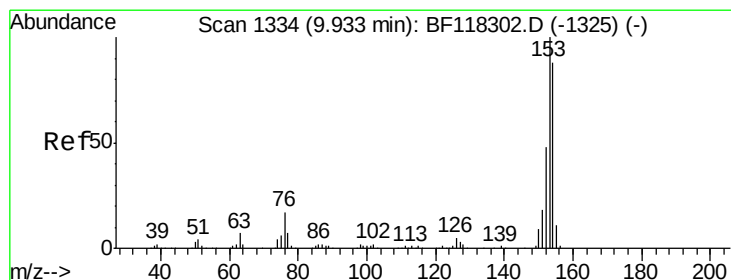
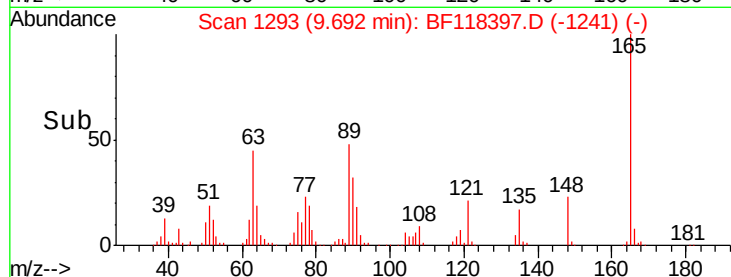
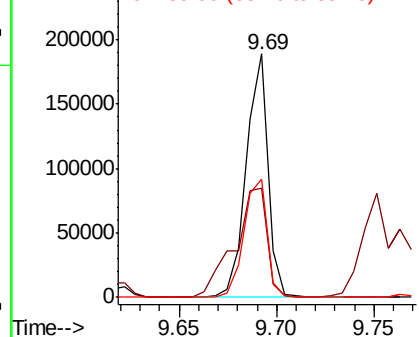
#51
 2,6-Dinitrotoluene
 Concen: 31.263 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	42.2	63.4
89	48.4	44.4	66.6

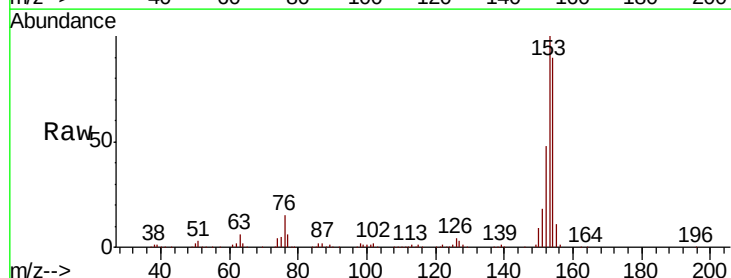


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

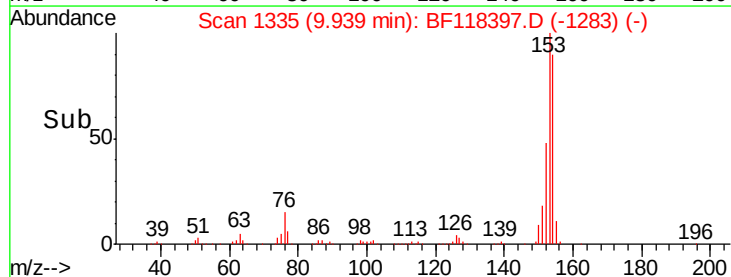
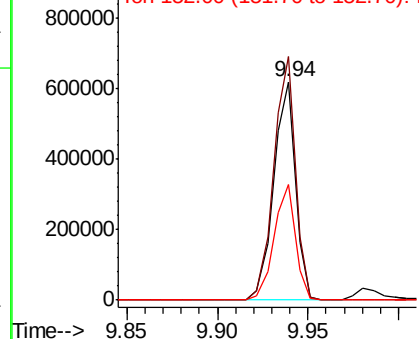


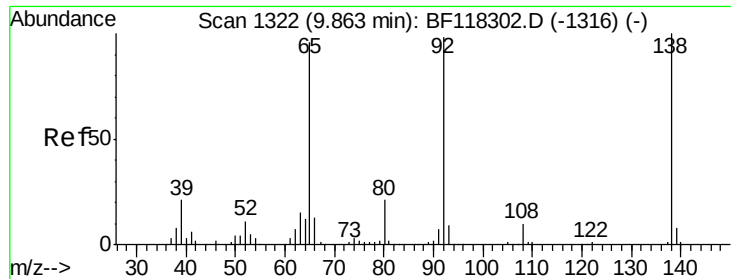
#52
 Acenaphthene
 Concen: 31.119 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.6	136.0
152	53.1	43.1	64.7



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

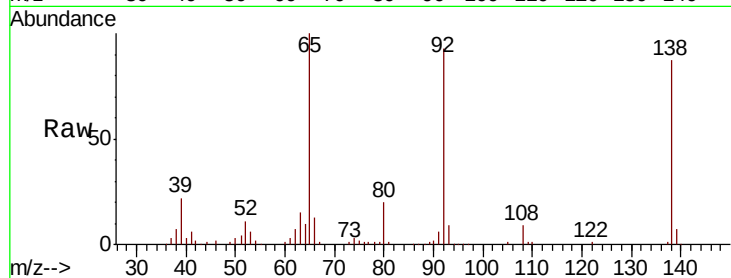




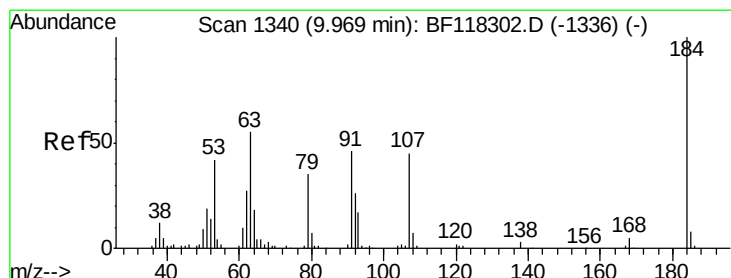
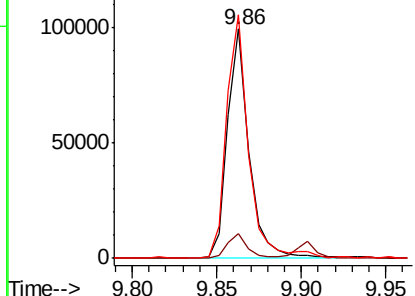
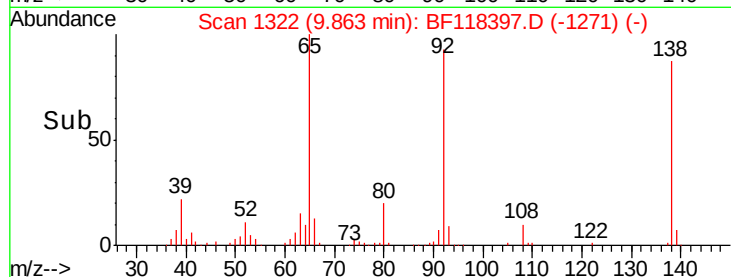
#53
 3-Nitroaniline
 Concen: 16.146 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 88449
 Ion Ratio Lower Upper
 138 100
 108 10.9 7.8 11.8
 92 106.3 78.2 117.2

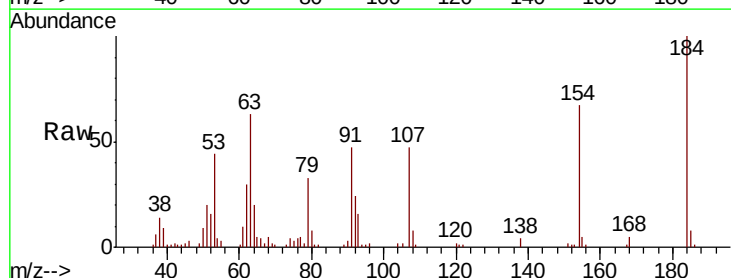


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

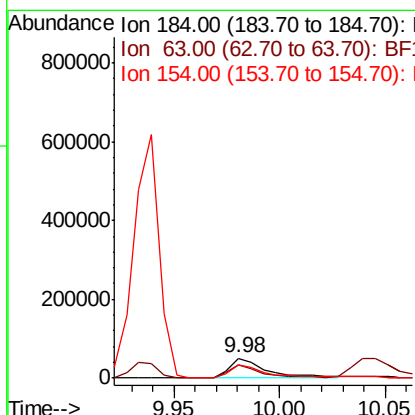
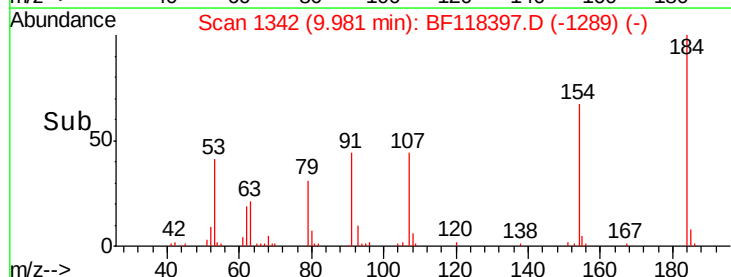


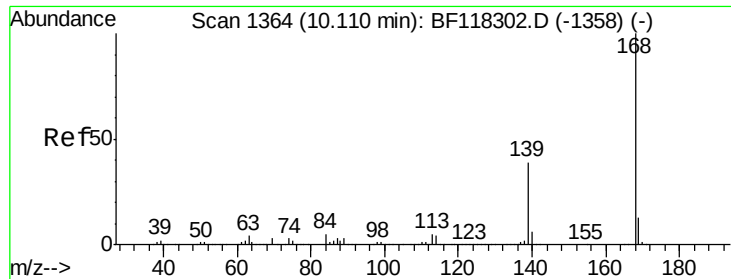
#54
 2,4-Dinitrophenol
 Concen: 29.534 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion:184 Resp: 61273
 Ion Ratio Lower Upper
 184 100
 63 62.6 48.8 73.2
 154 67.0 55.0 82.4



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

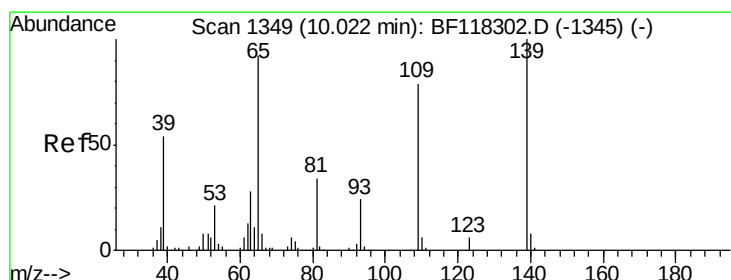
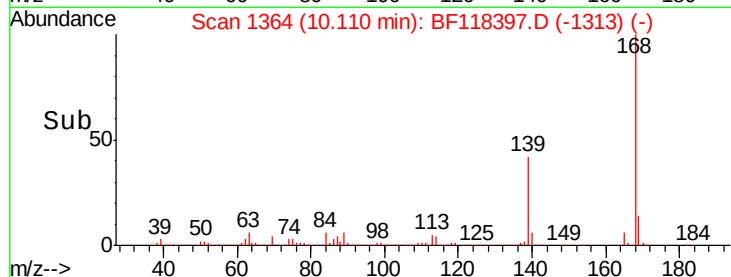
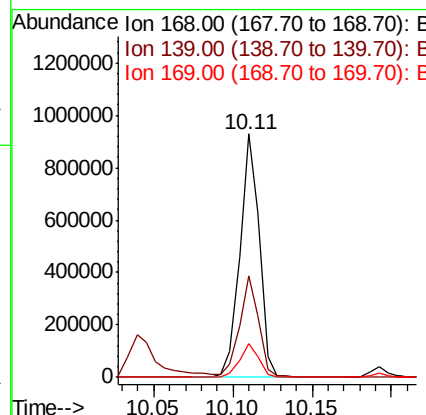
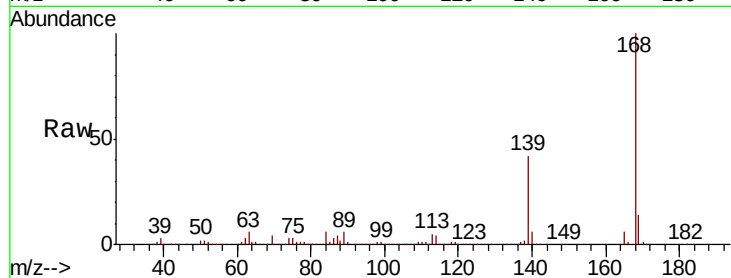




#55
Dibenzofuran
Concen: 32.063 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

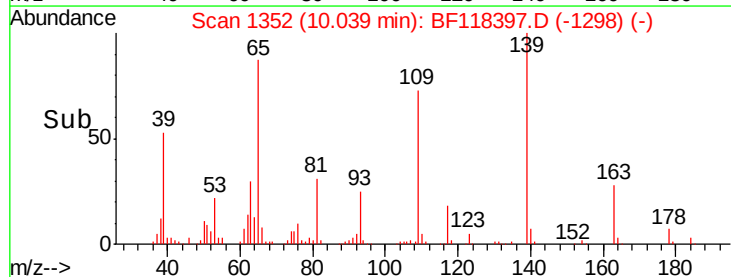
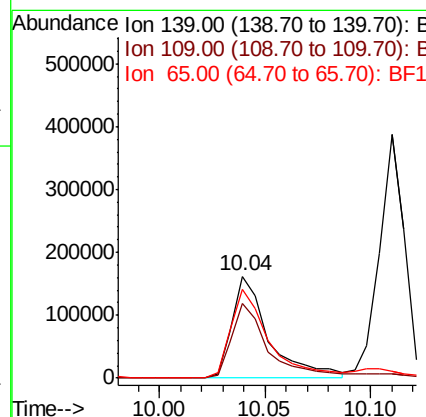
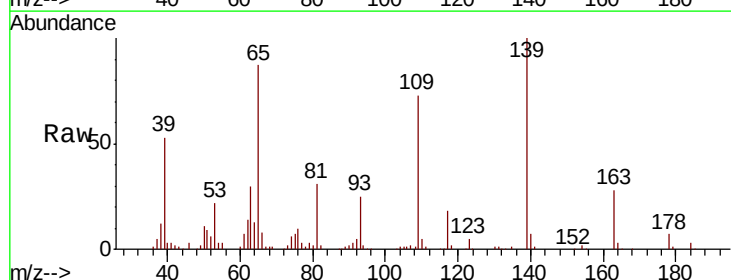
Instrument :
BNA_F
ClientSampleId :

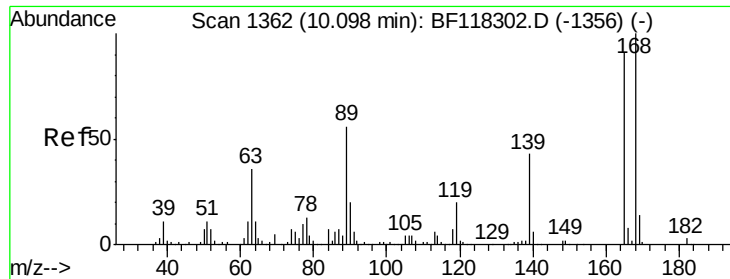
Tot Ion:168 Resp: 785747
Ion Ratio Lower Upper
168 100
139 41.7 31.5 47.3
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 57.954 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:139 Resp: 195989
Ion Ratio Lower Upper
139 100
109 72.7 59.3 99.3
65 87.4 72.4 112.4

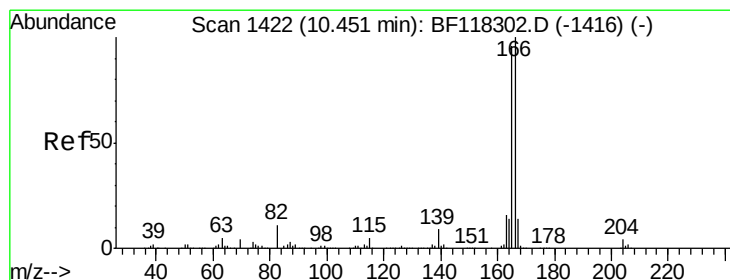
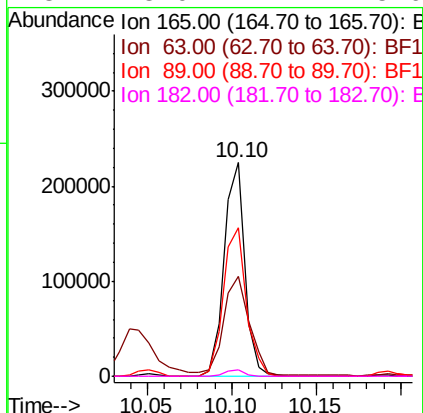
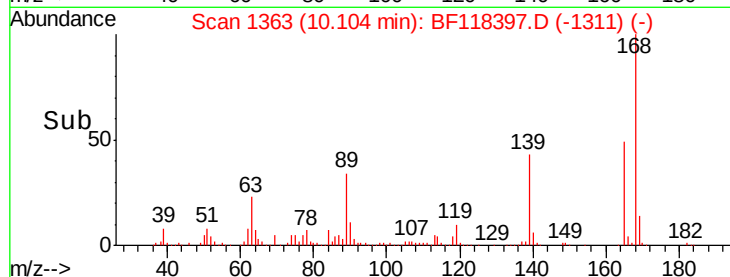
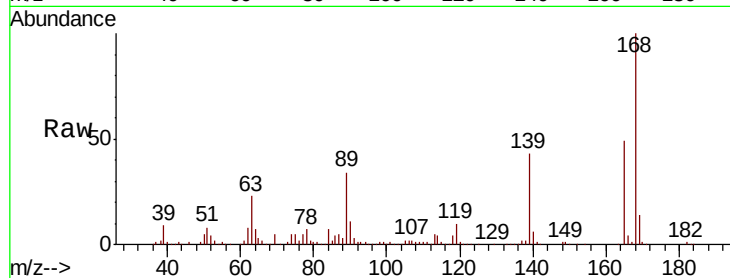




#57
2,4-Dinitrotoluene
Concen: 30.719 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

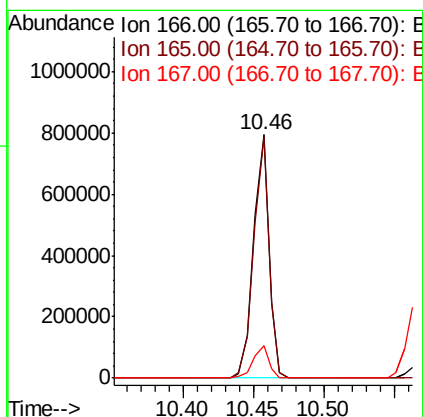
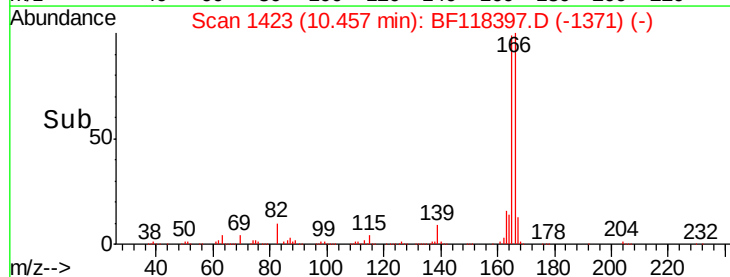
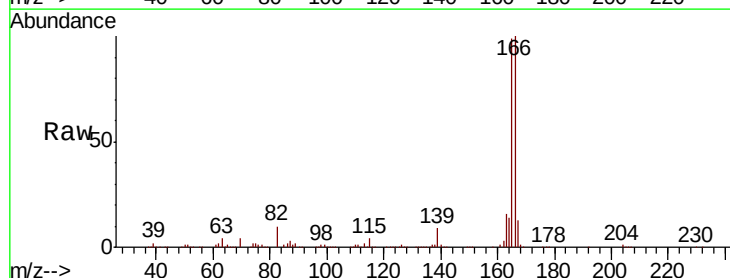
Instrument :
BNA_F
ClientSampleId :

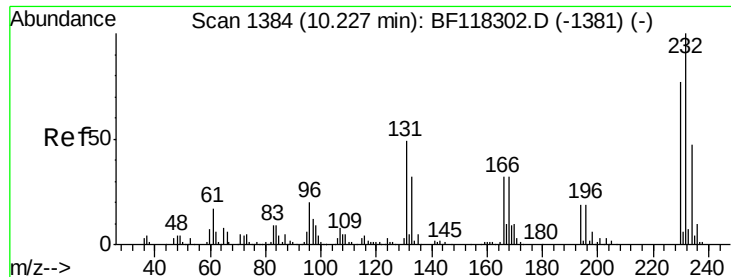
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	32.0	48.0
89	69.5	49.3	73.9
182	3.0	2.4	3.6



#58
Fluorene
Concen: 31.353 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.0	115.4
167	13.3	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 30.082 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 152215

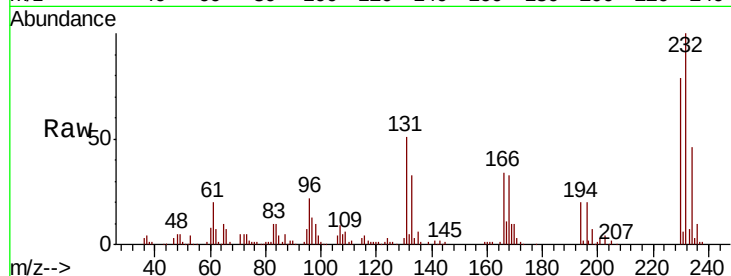
Ion Ratio Lower Upper

232 100

131 46.2 37.7 56.5

130 2.5 2.0 3.0

166 30.8 24.7 37.1

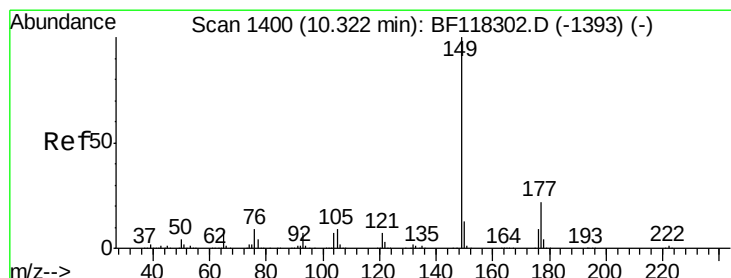
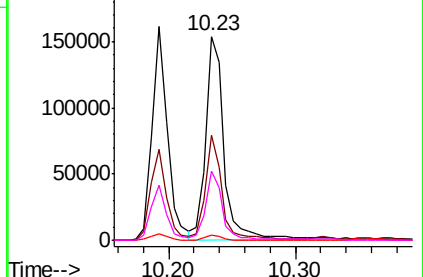
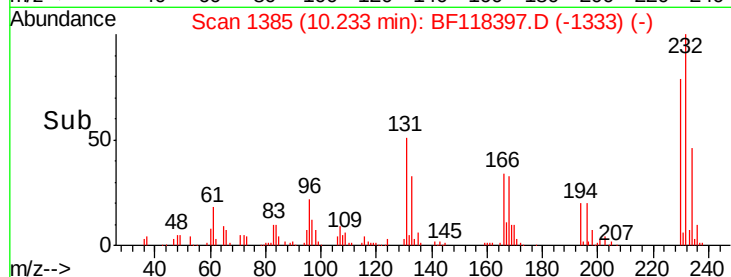


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 32.390 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

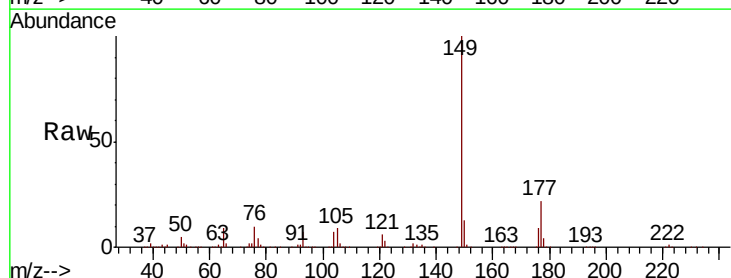
Tgt Ion:149 Resp: 693699

Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

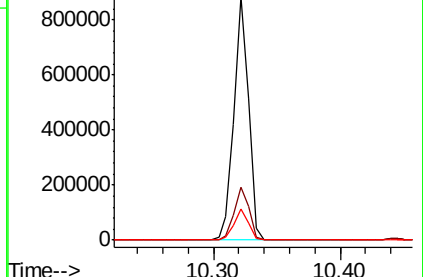
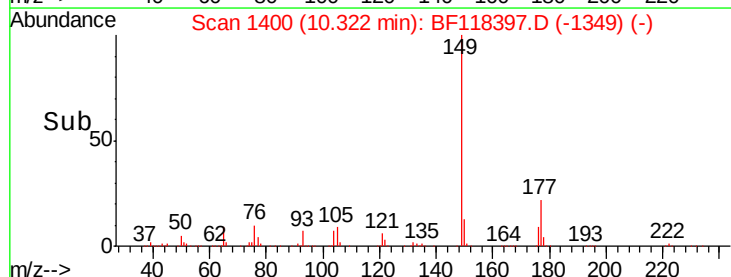
150 12.9 10.2 15.2

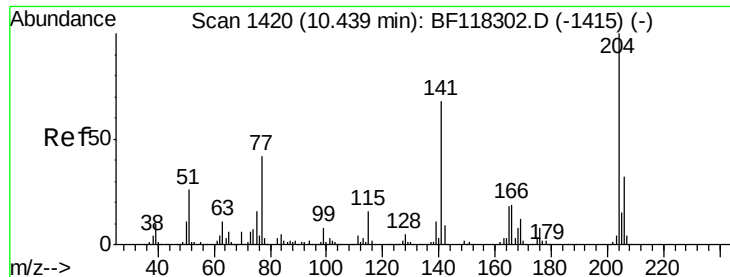


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

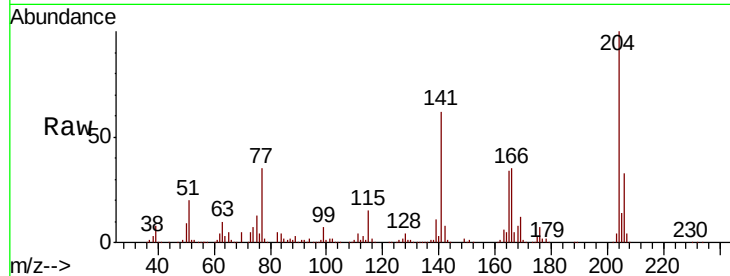




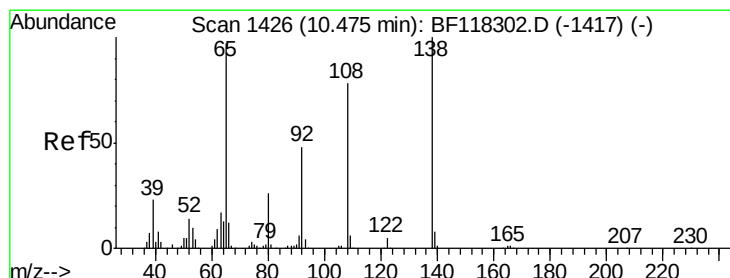
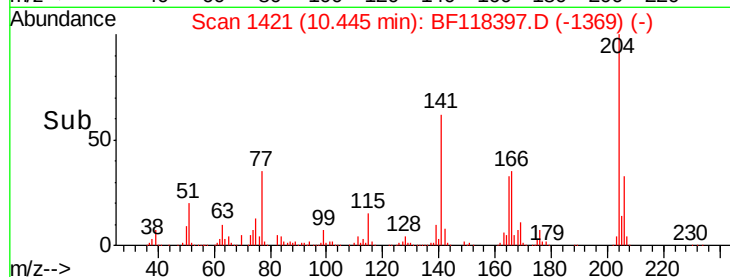
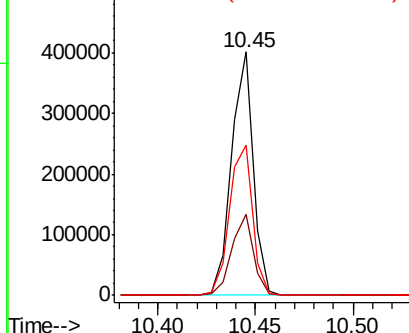
#61
4-Chlorophenyl-phenylether
Concen: 31.385 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 309944
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 61.8 54.2 81.4

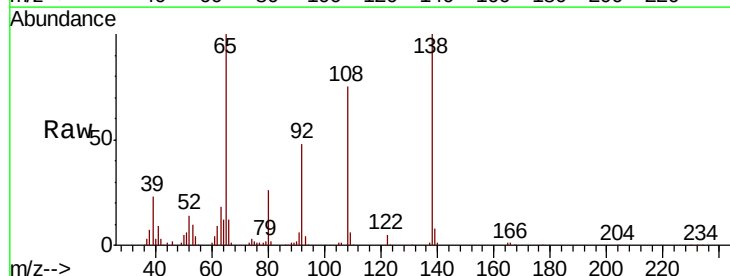


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

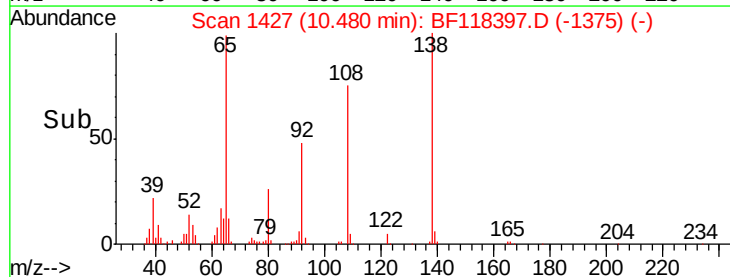
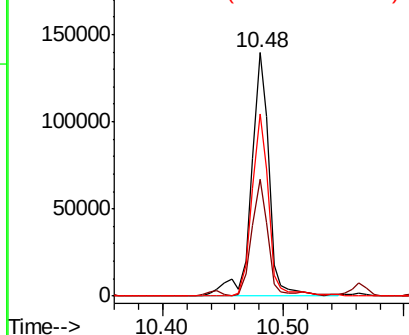


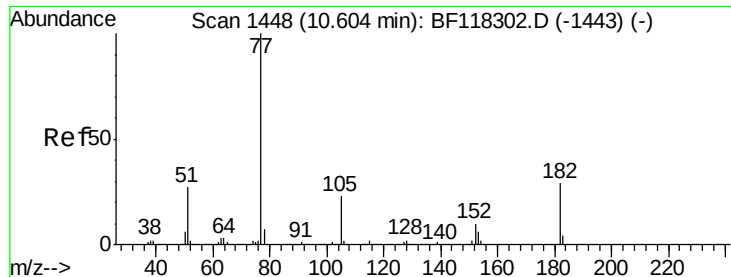
#62
4-Nitroaniline
Concen: 25.349 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:138 Resp: 144261
Ion Ratio Lower Upper
138 100
92 48.2 27.9 67.9
108 74.6 58.1 98.1



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





#63

Azobenzene

Concen: 31.988 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 586825

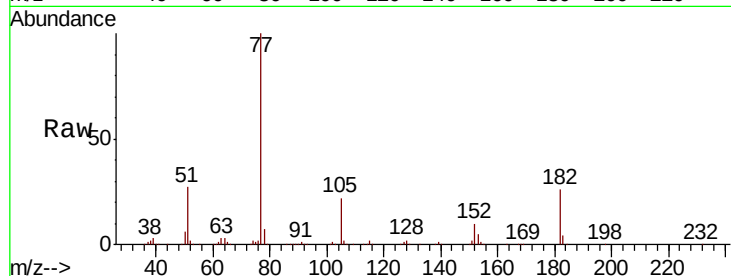
Ion Ratio Lower Upper

77 100

182 26.1 9.2 49.2

105 22.3 3.2 43.2

51 27.0 7.1 47.1

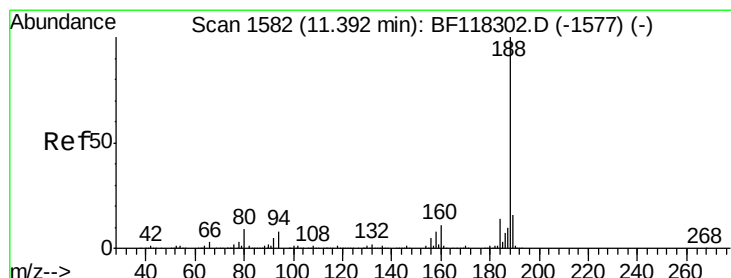
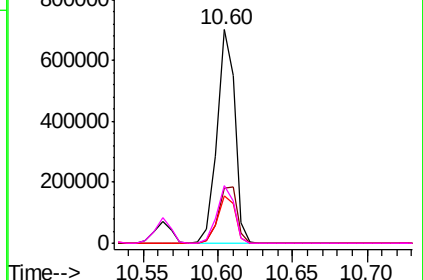
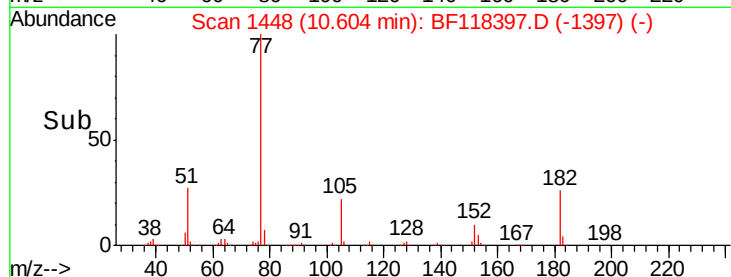


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

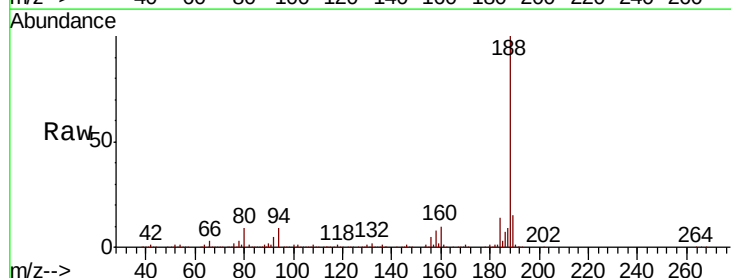
Tgt Ion: 188 Resp: 514178

Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

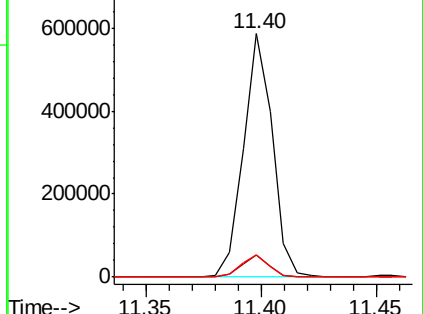
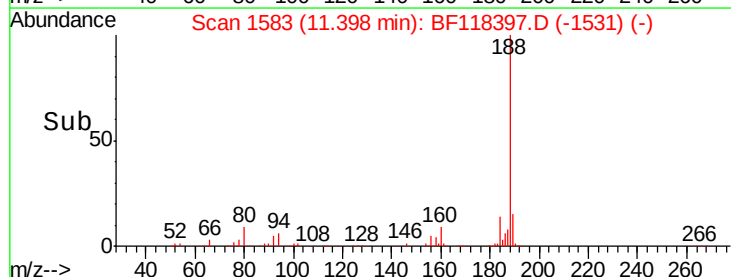
80 9.1 7.2 10.8

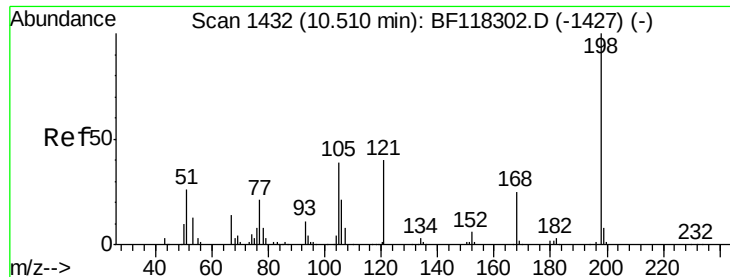


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

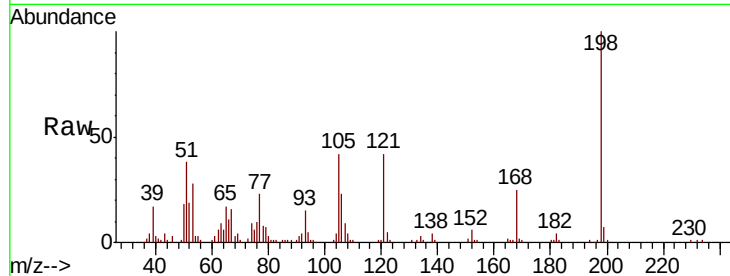




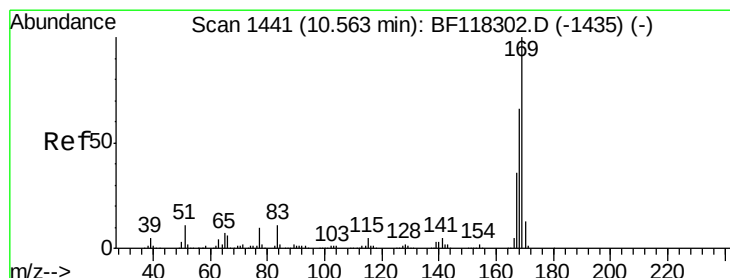
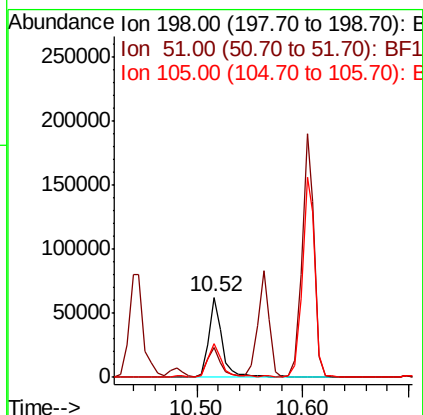
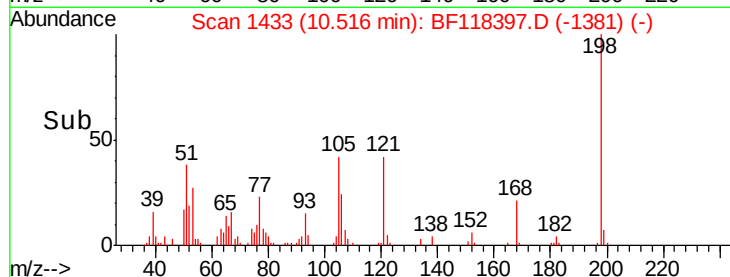
#65
4,6-Dinitro-2-methylphenol
Concen: 19.893 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 55179
Ion Ratio Lower Upper
198 100
51 37.8 12.8 52.8
105 41.9 20.3 60.3

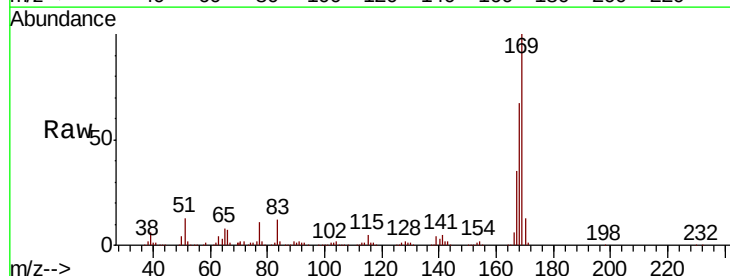


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

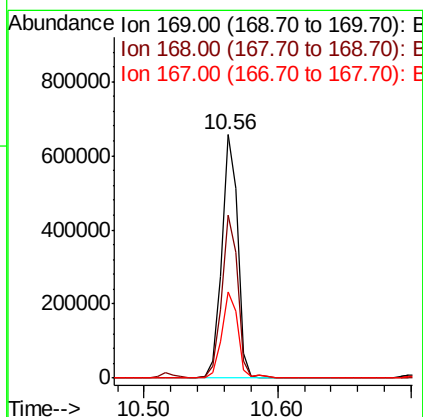
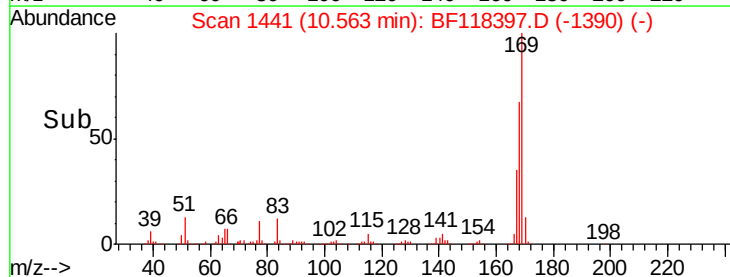


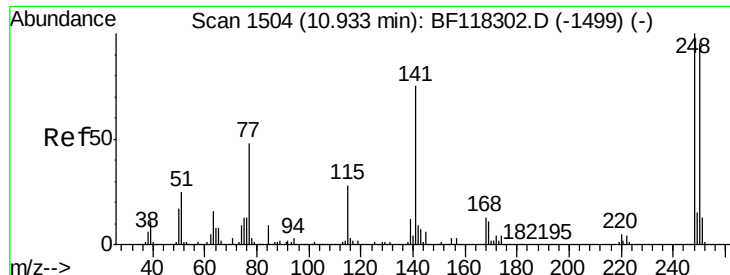
#66
n-Nitrosodiphenylamine
Concen: 33.732 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:169 Resp: 555879
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 35.3 28.4 42.6



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

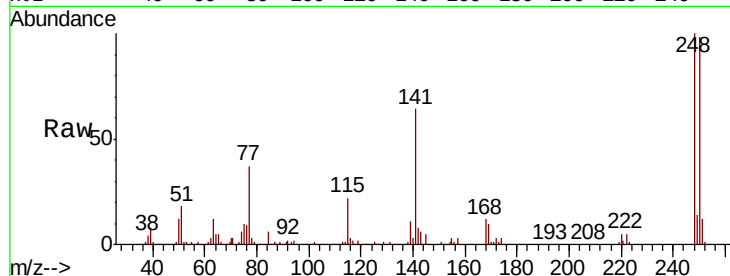




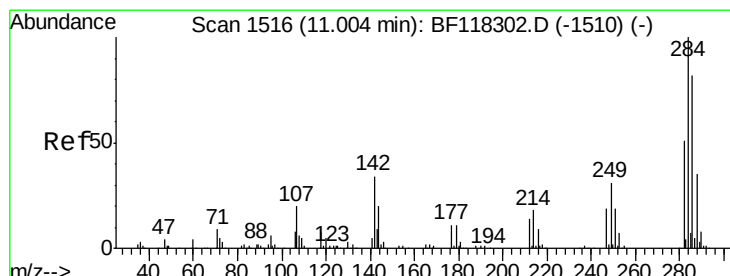
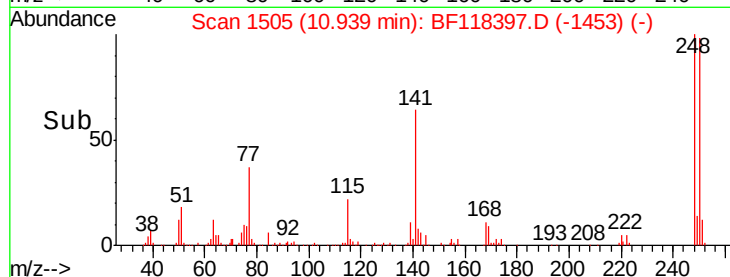
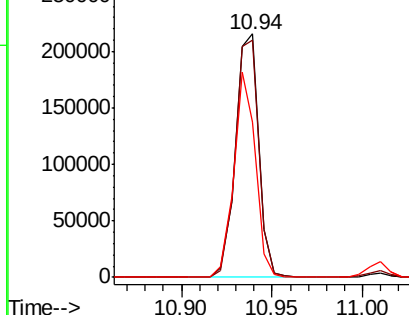
#67
4-Bromophenyl-phenylether
Concen: 31.977 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 192419
Ion Ratio Lower Upper
248 100
250 97.6 76.4 114.6
141 63.9 60.2 90.2

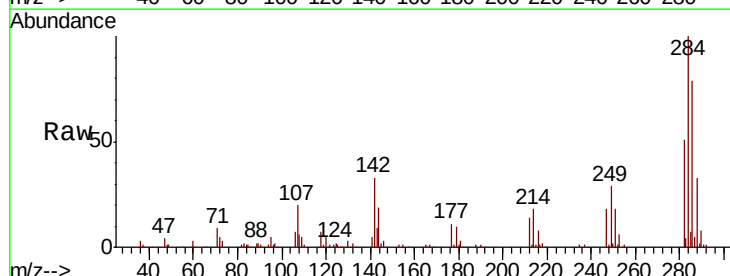


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

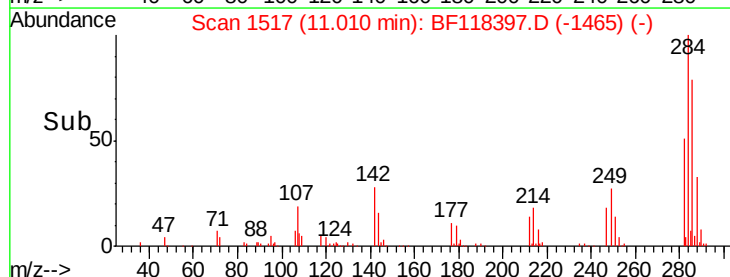
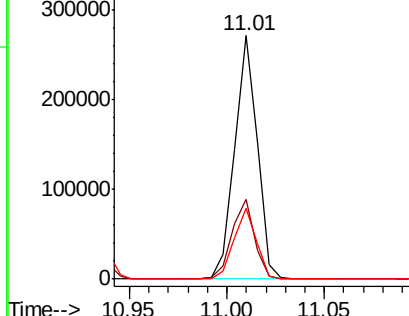


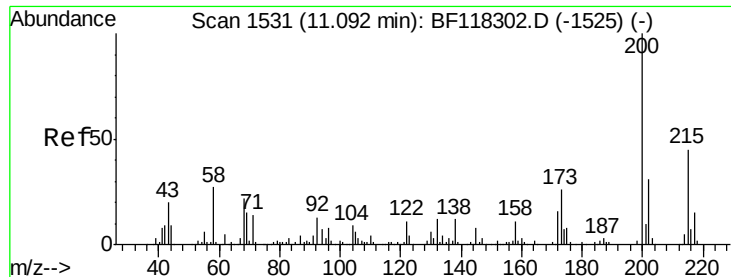
#68
Hexachlorobenzene
Concen: 30.774 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:284 Resp: 217971
Ion Ratio Lower Upper
284 100
142 32.8 27.3 40.9
249 29.2 25.0 37.6



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

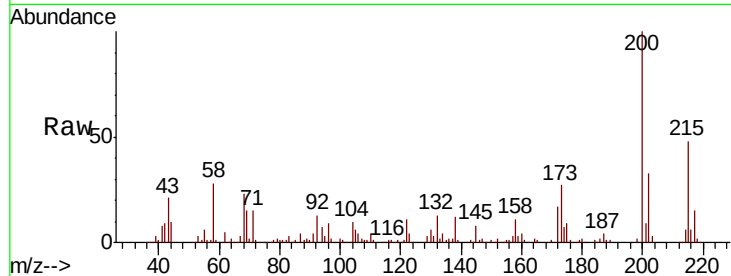




#69
Atrazine
Concen: 37.490 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	5.8	45.8
215	47.9	25.1	65.1

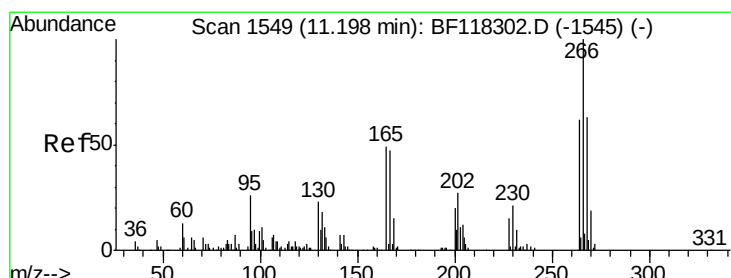
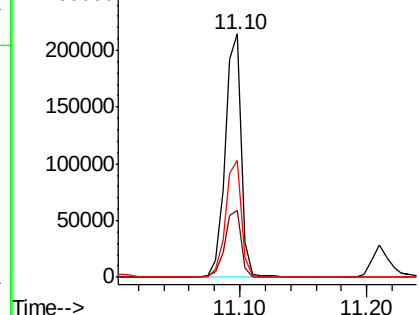
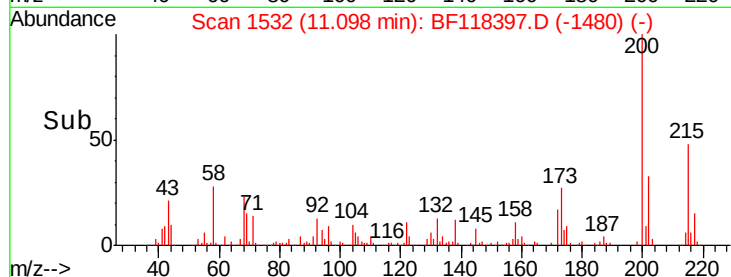


Abundance

Ion 200.00 (199.70 to 200.70): E

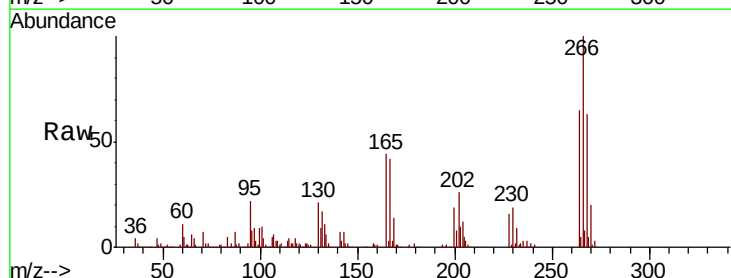
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 54.105 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.6	76.0
264	65.4	49.9	74.9

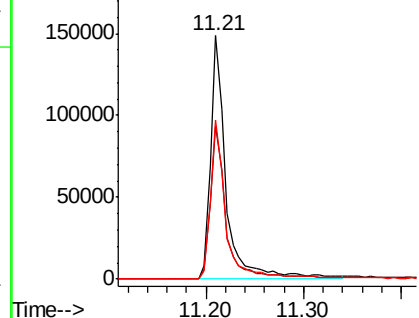
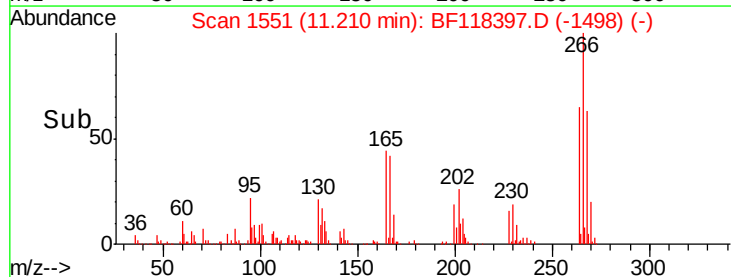


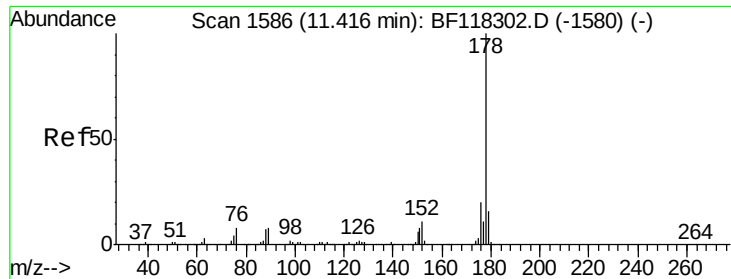
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

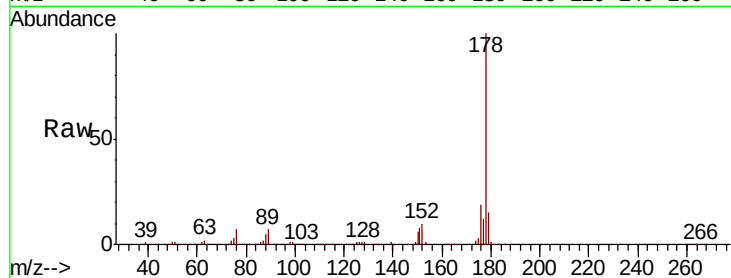




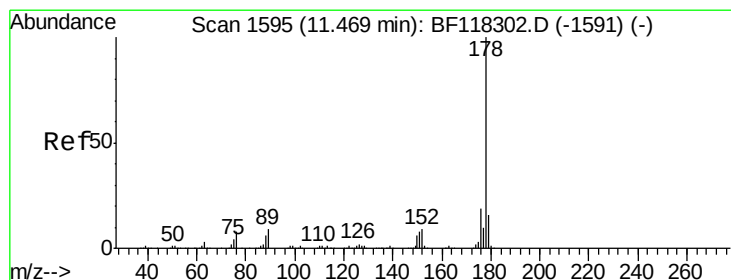
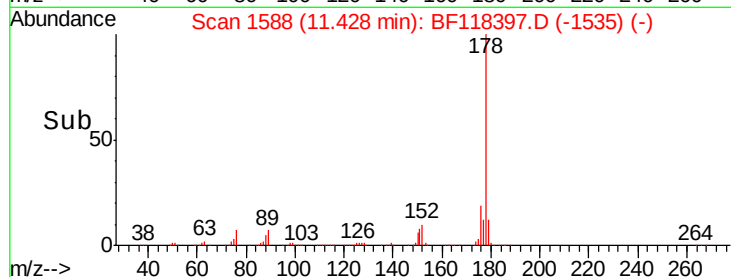
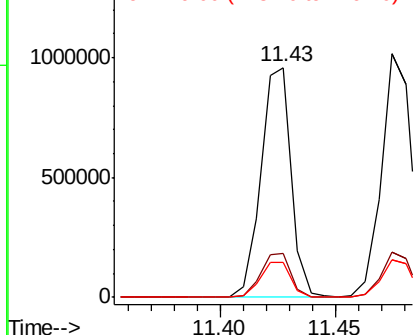
#71
Phenanthrene
Concen: 31.110 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 872033
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.2 12.6 19.0

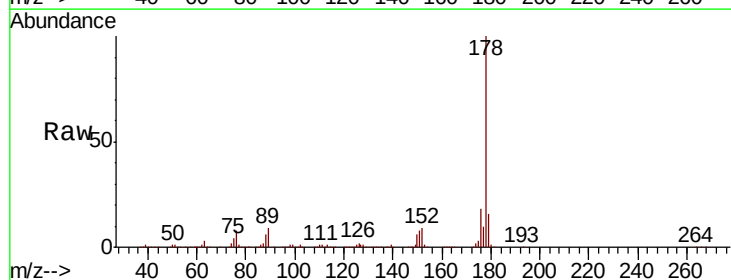


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

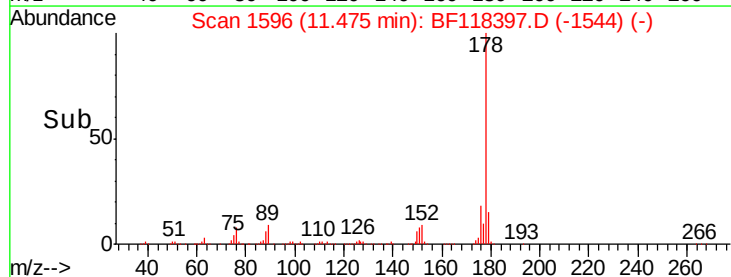
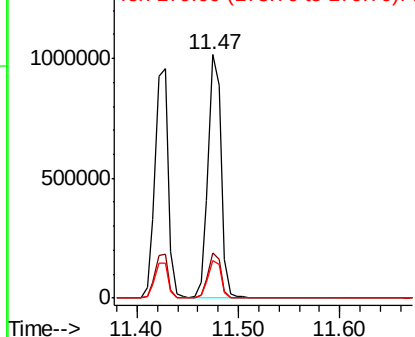


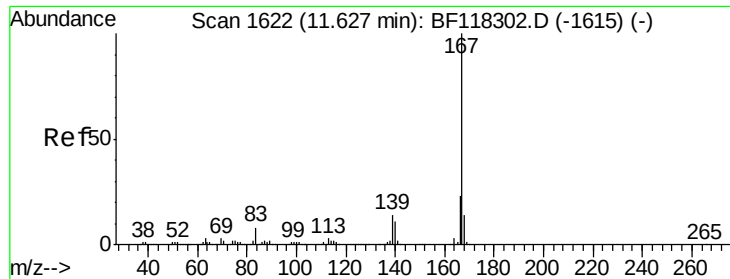
#72
Anthracene
Concen: 32.655 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:178 Resp: 916195
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.5 12.9 19.3



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

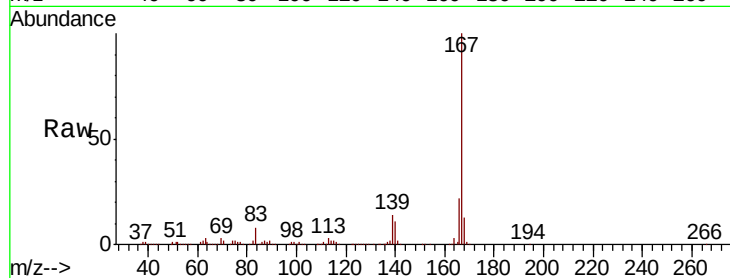




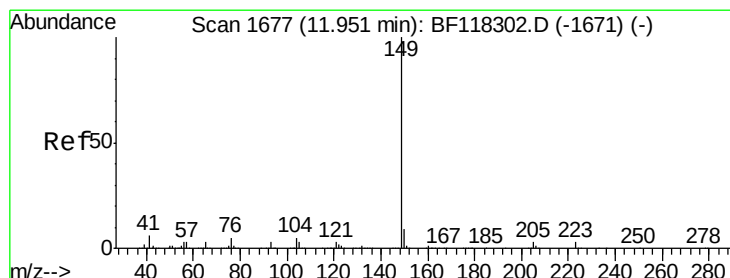
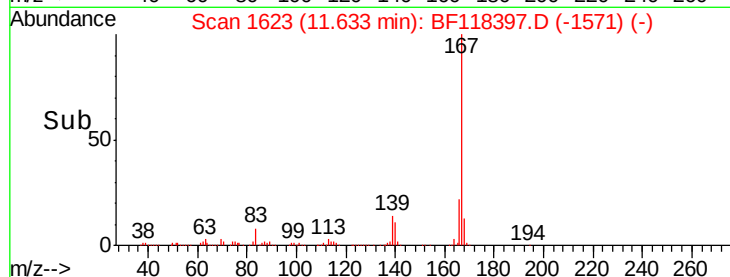
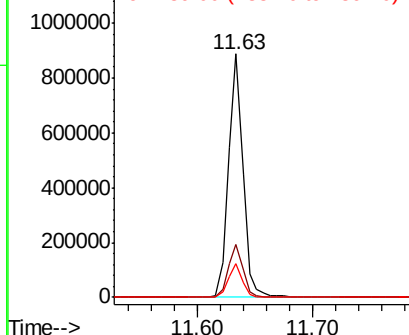
#73
 Carbazole
 Concen: 30.955 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	14.0	11.5	17.3

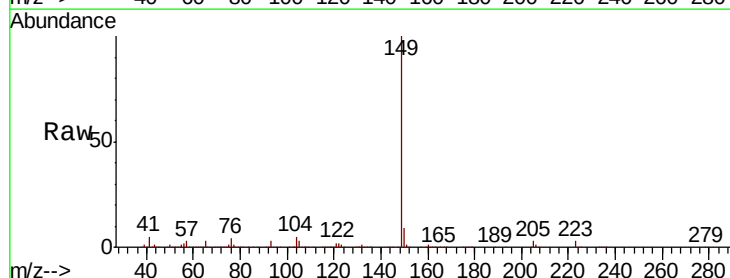


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

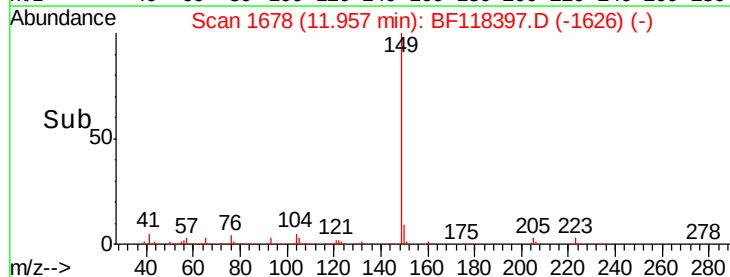
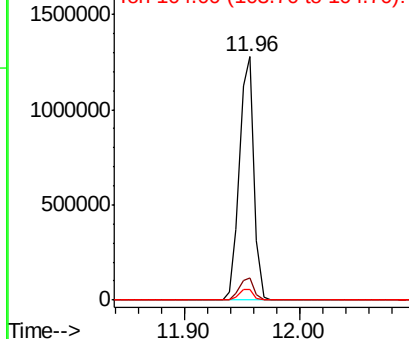


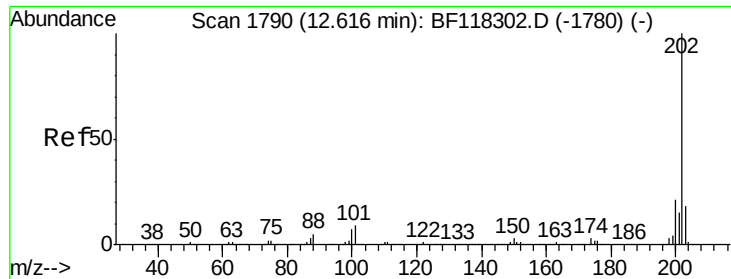
#74
 Di-n-butylphthalate
 Concen: 35.288 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.6	4.0	6.0



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

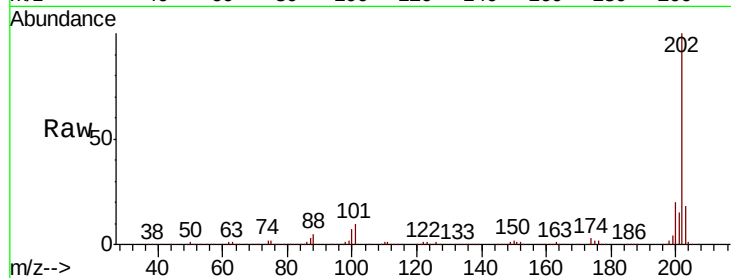




#75
 Fluoranthene
 Concen: 29.801 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.5
203	17.5	0.0	37.6

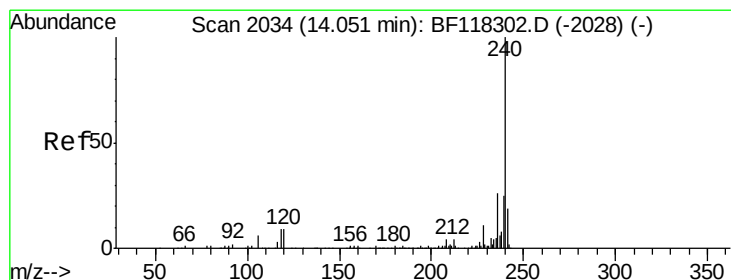
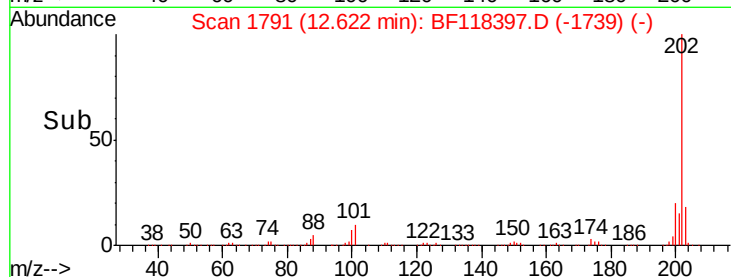
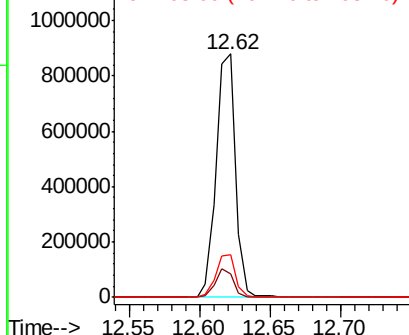


Abundance

Ion 202.00 (201.70 to 202.70): E

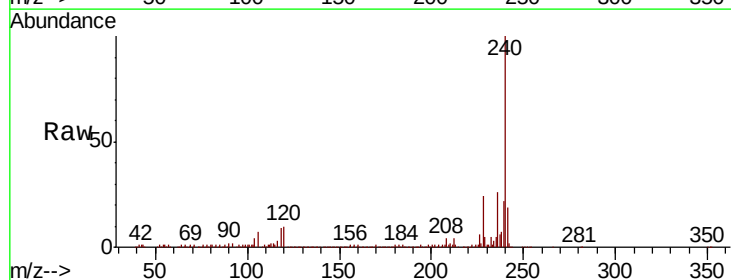
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118397.D
 Acq: 30 Dec 2019 22:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	26.3	21.0	31.6

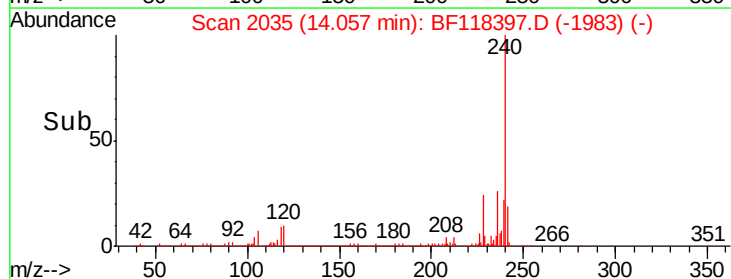
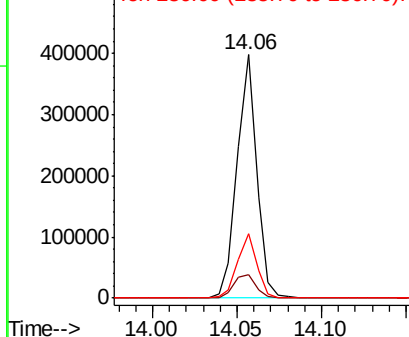


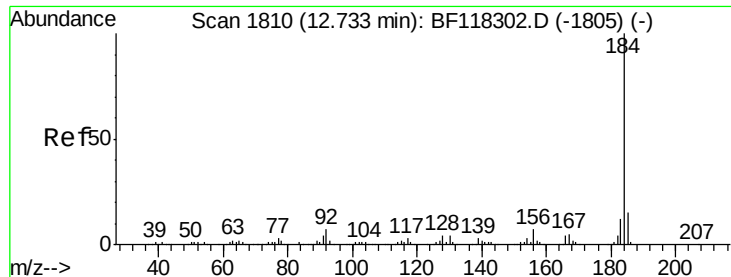
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.956 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

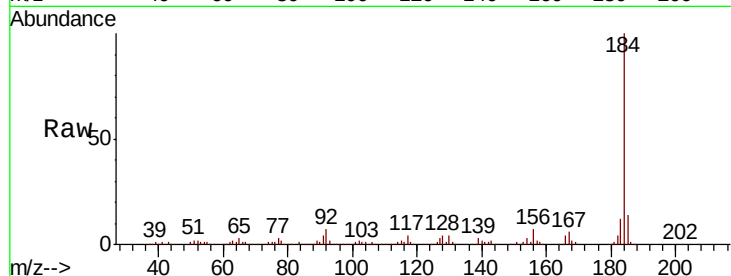
Tot Ion:184 Resp: 484912

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

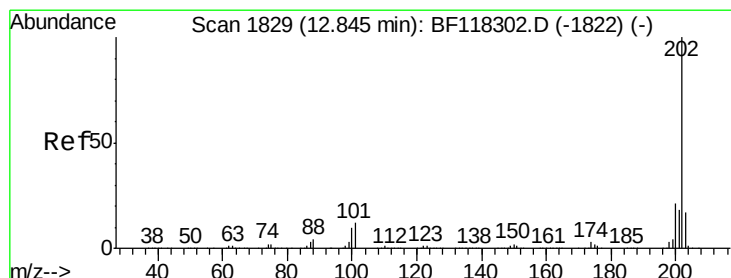
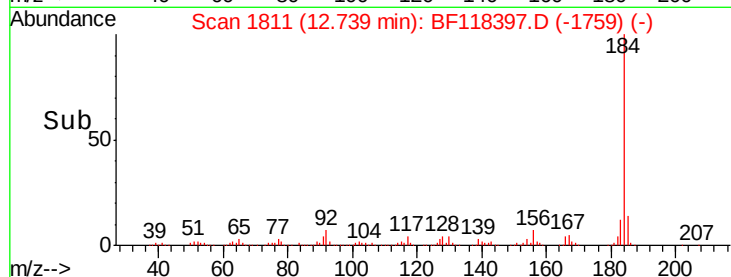
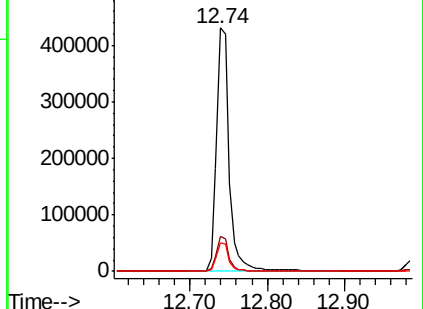
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.757 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

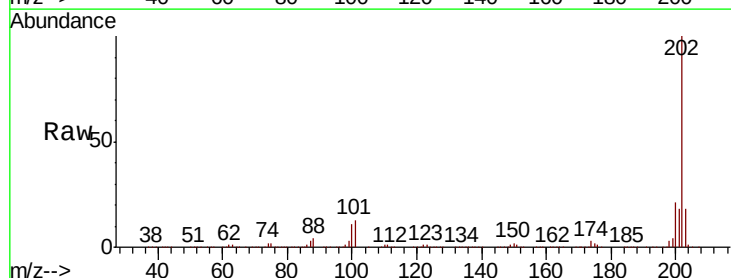
Tgt Ion:202 Resp: 835091

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

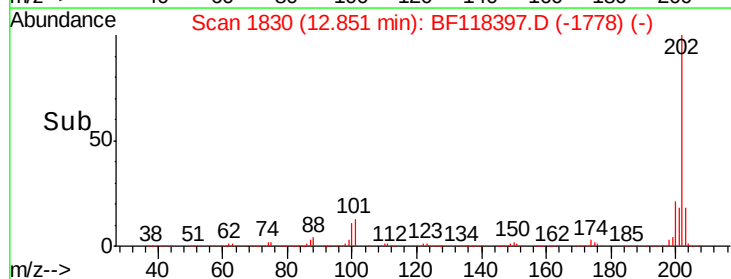
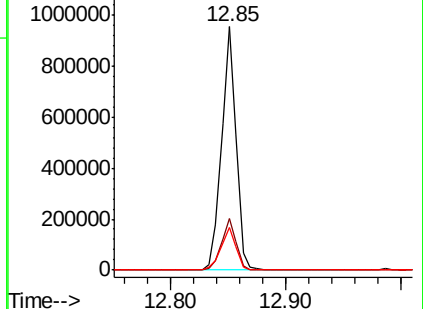
203 17.5 13.9 20.9

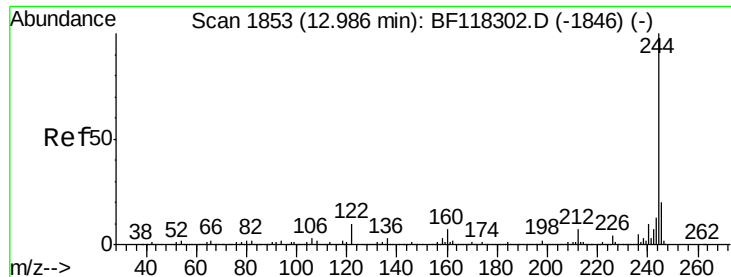


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.061 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

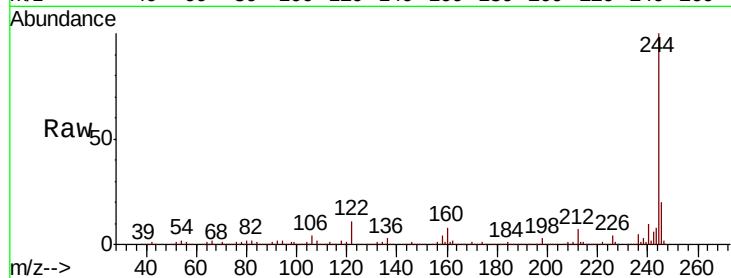
Tot Ion:244 Resp: 1204614

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

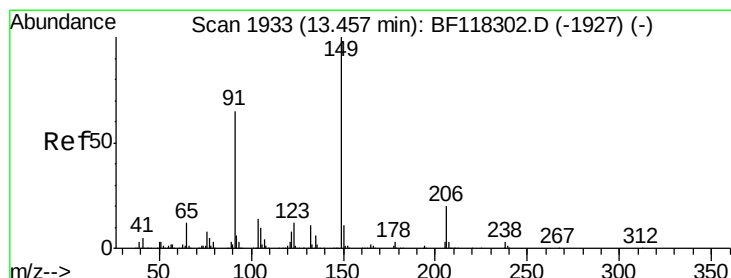
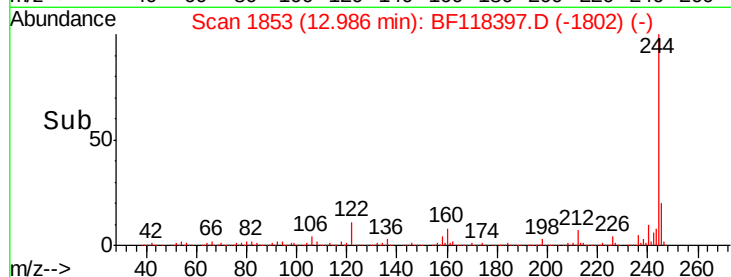
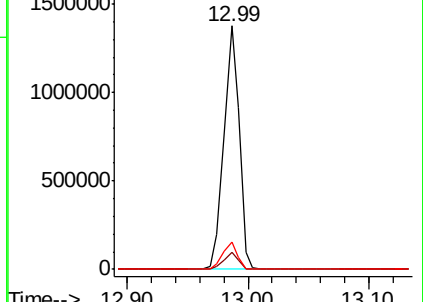
122 11.4 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.404 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

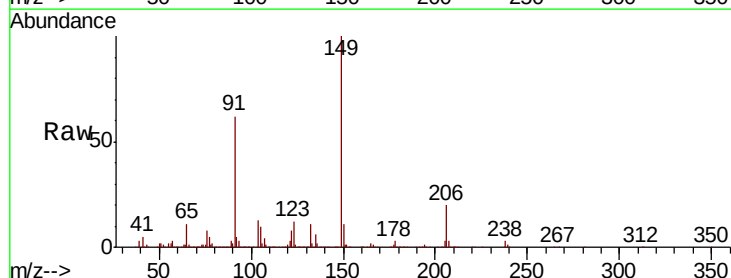
Tgt Ion:149 Resp: 419188

Ion Ratio Lower Upper

149 100

91 61.6 51.8 77.6

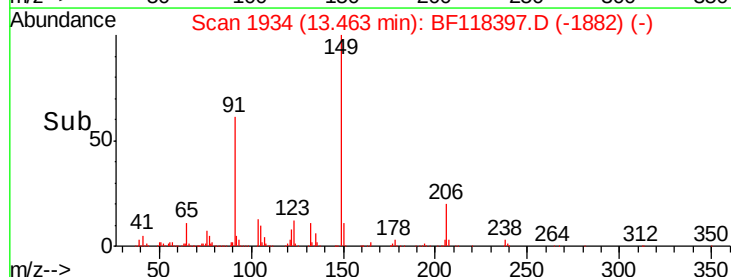
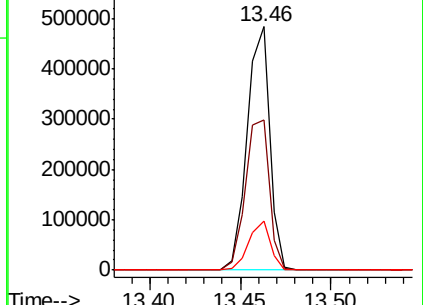
206 20.4 15.7 23.5

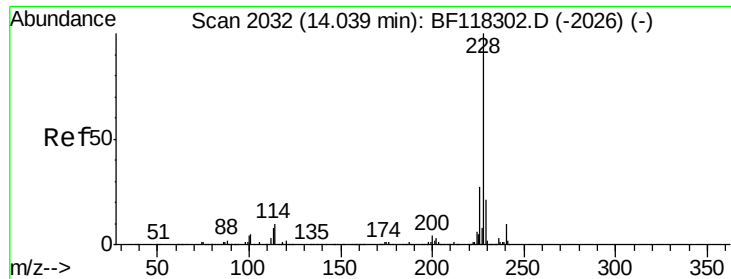


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

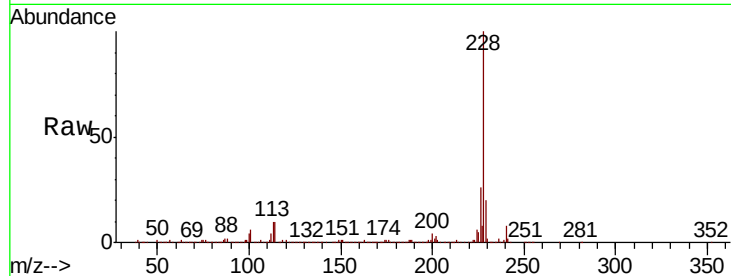




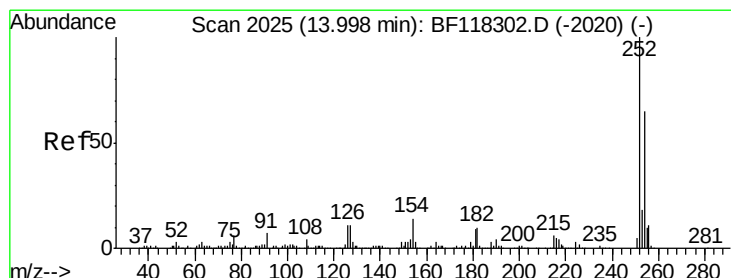
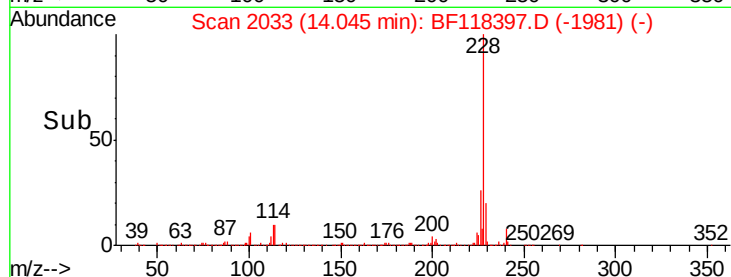
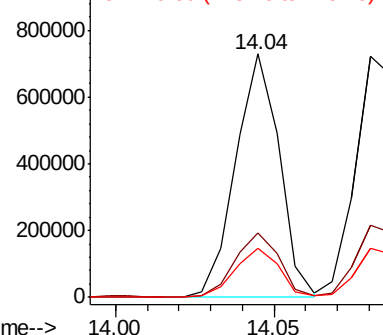
#81
Benzo(a)anthracene
Concen: 31.003 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 698831
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 20.1 16.6 24.8

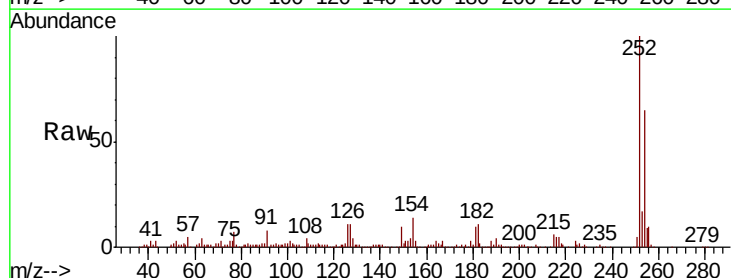


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
800000 Ion 229.00 (228.70 to 229.70): E

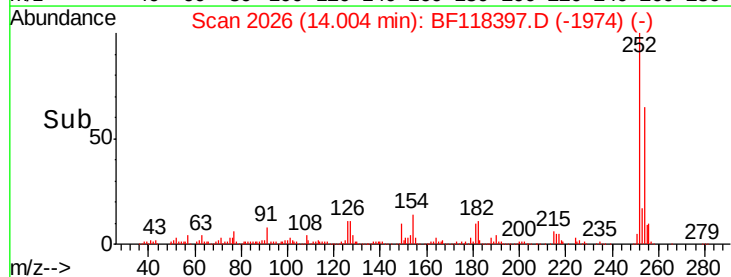
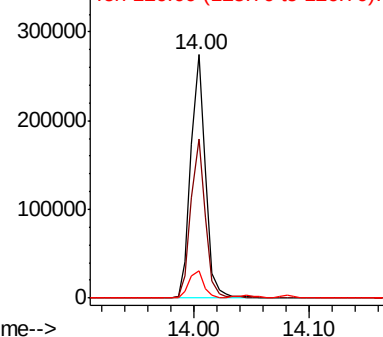


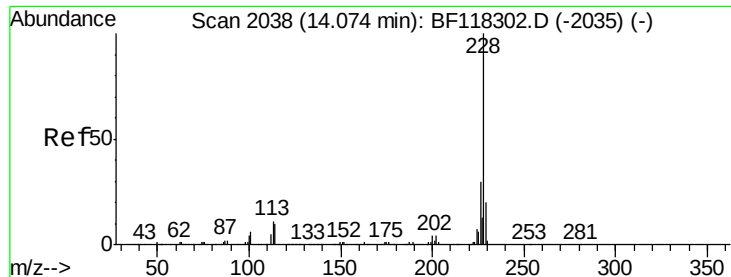
#82
3,3'-Dichlorobenzidine
Concen: 31.933 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:252 Resp: 244048
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.8
126 11.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
200000 Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.038 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampled :

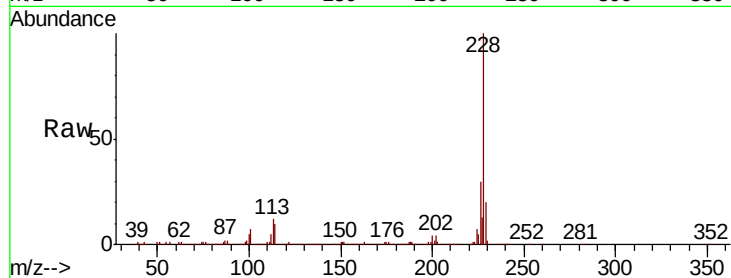
Tot Ion:228 Resp: 669888

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

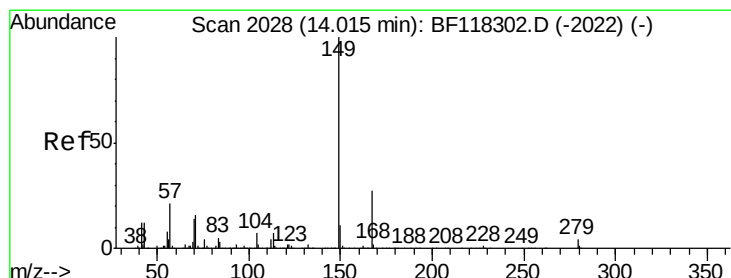
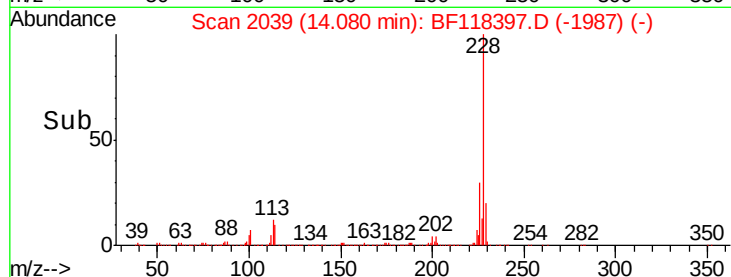
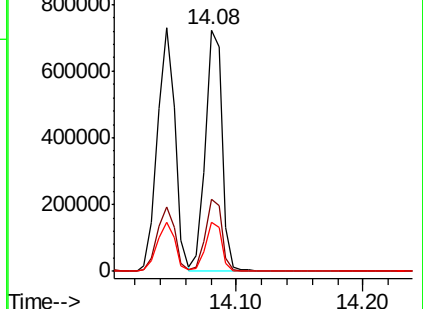
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.609 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

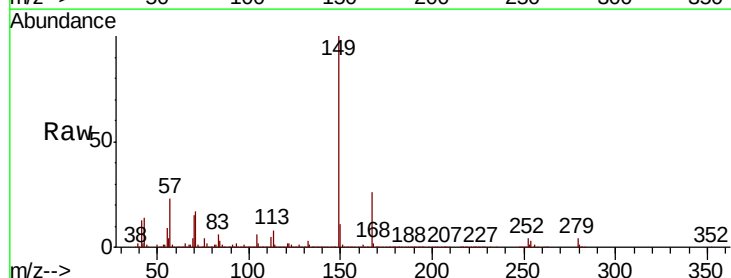
Tgt Ion:149 Resp: 616677

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

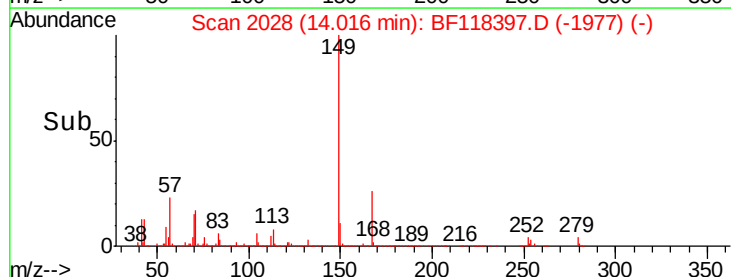
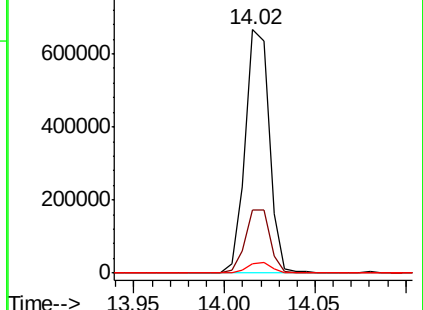
279 3.7 3.4 5.2

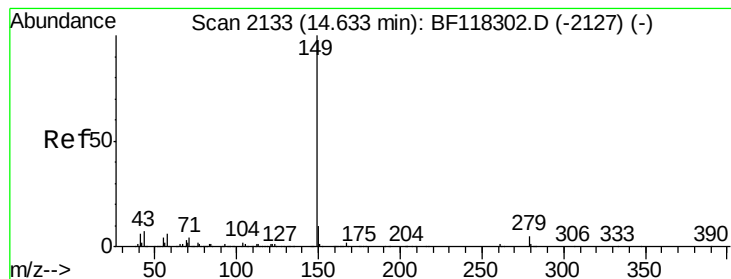


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.589 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampled :

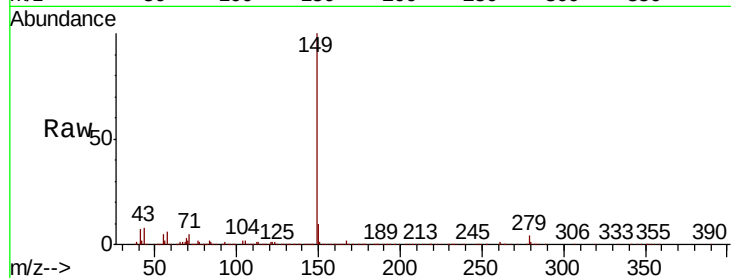
Tot Ion:149 Resp: 952454

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

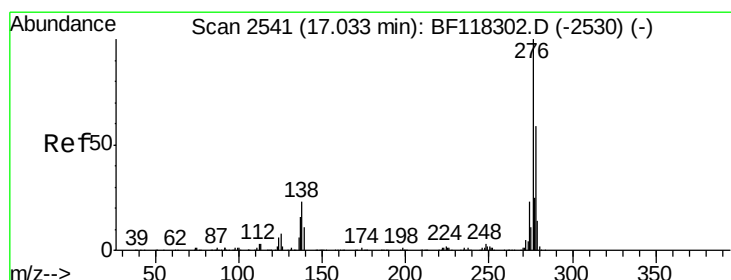
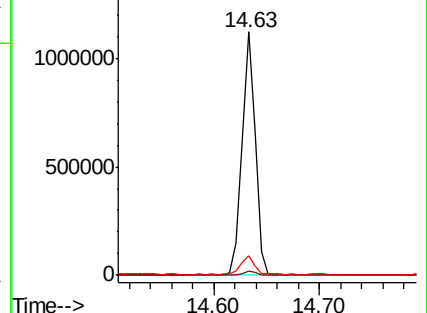
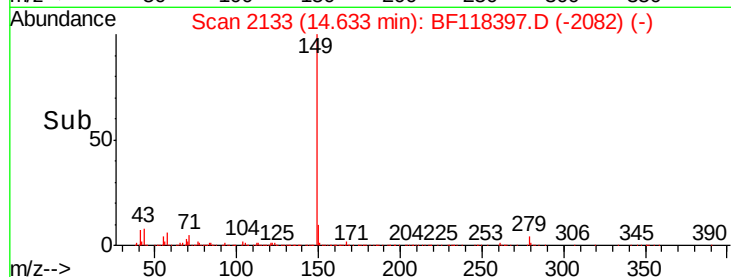
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.349 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

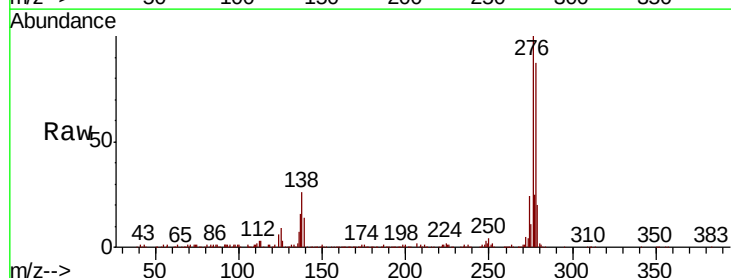
Tgt Ion:276 Resp: 613296

Ion Ratio Lower Upper

276 100

138 24.5 19.5 29.3

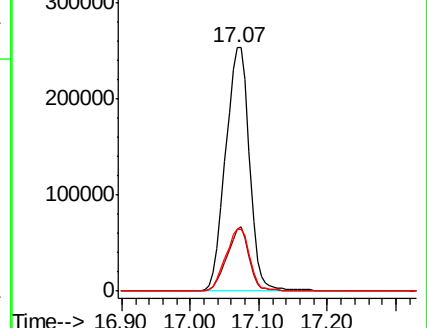
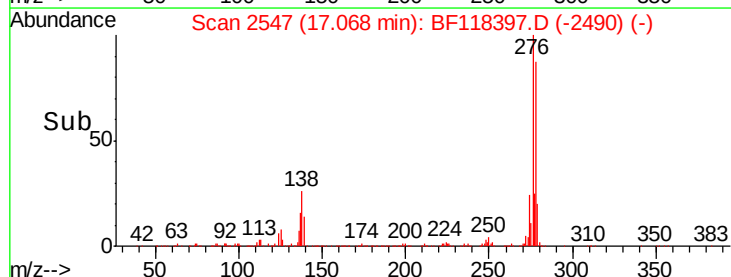
277 25.9 20.6 30.8

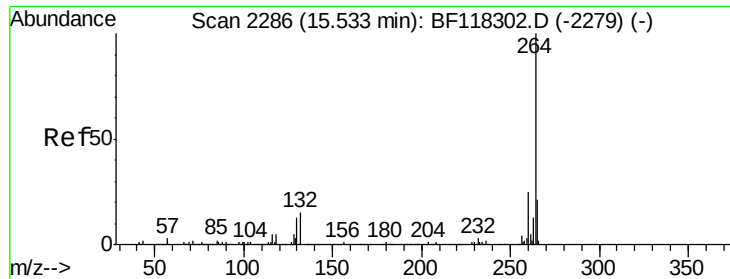


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

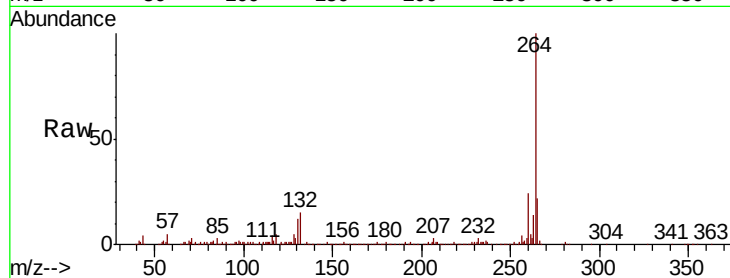




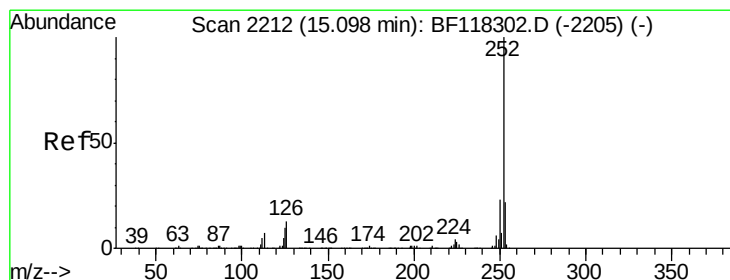
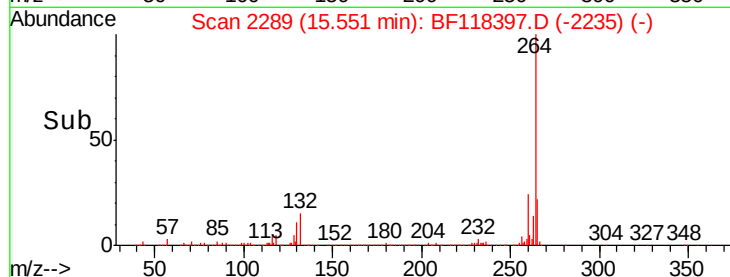
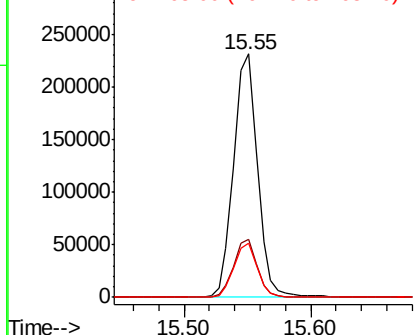
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 301422
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 22.1 17.0 25.4

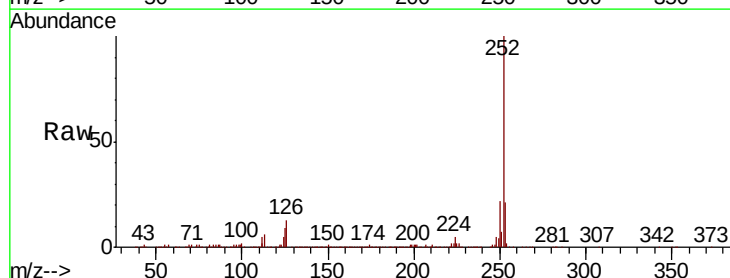


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

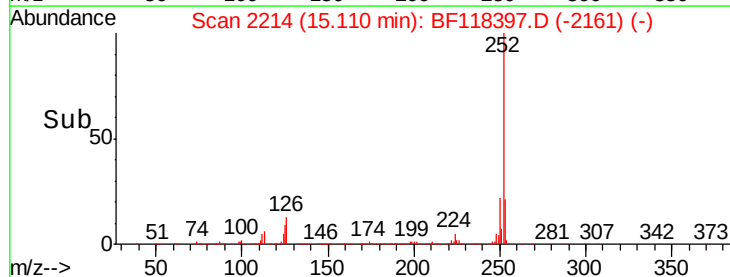
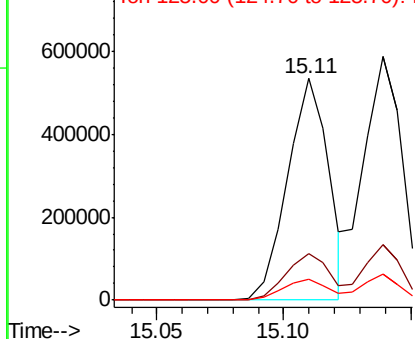


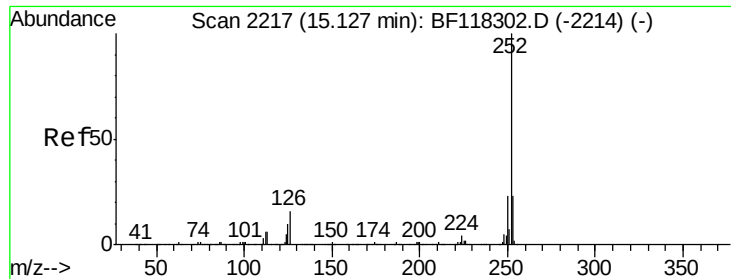
#88
Benzo(b)fluoranthene
Concen: 30.248 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:252 Resp: 605203
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 9.2 7.7 11.5



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





#89

Benzo(k)fluoranthene

Concen: 32.857 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

Instrument :

BNA_F

ClientSampleId :

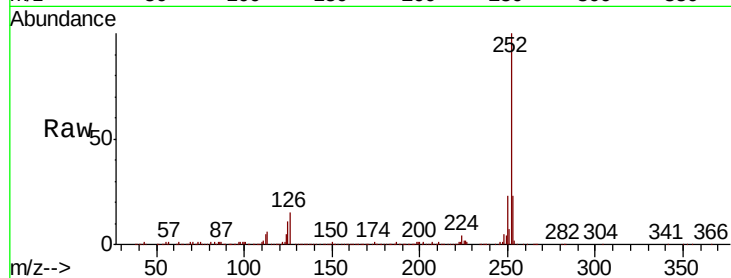
Tot Ion:252 Resp: 631236

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

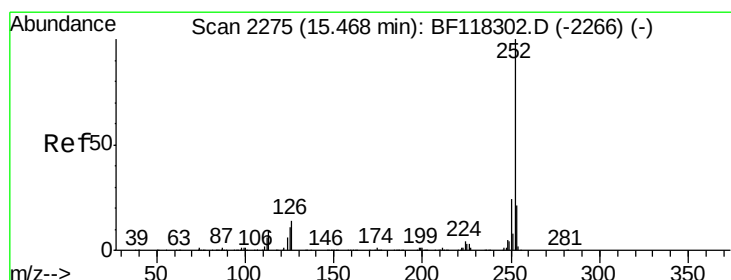
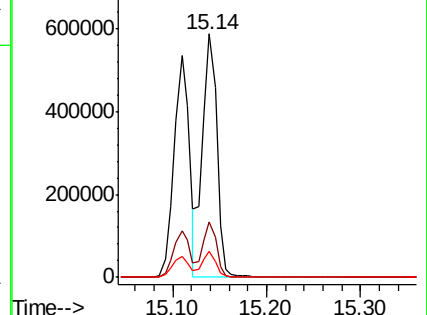
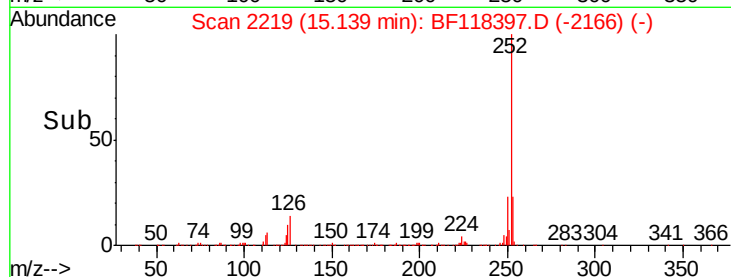
125 10.7 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.249 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF118397.D

Acq: 30 Dec 2019 22:48

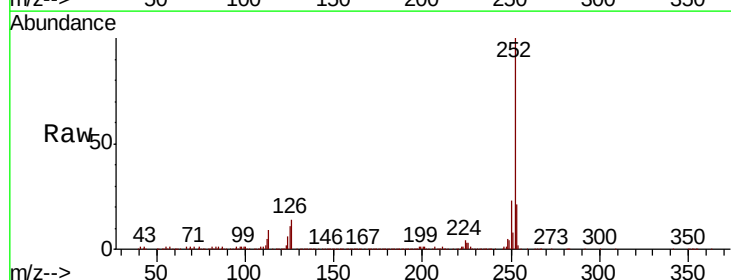
Tgt Ion:252 Resp: 550793

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

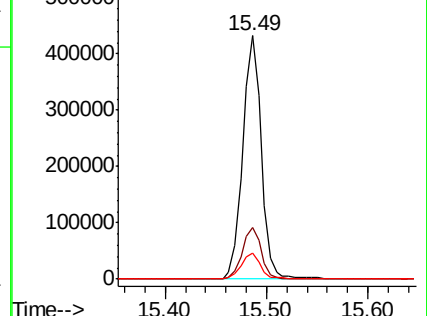
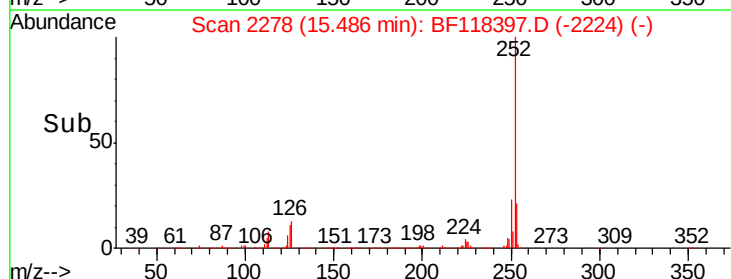
125 10.9 9.0 13.4

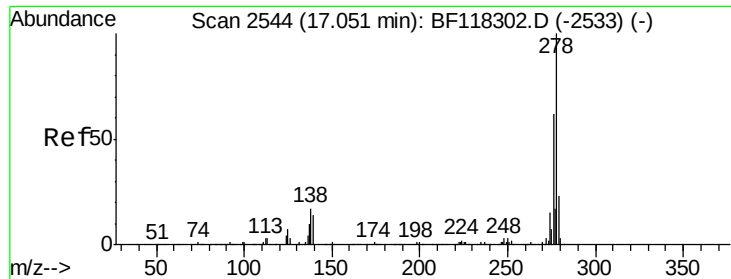


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



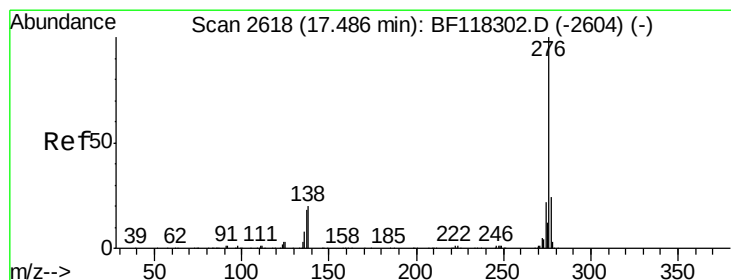
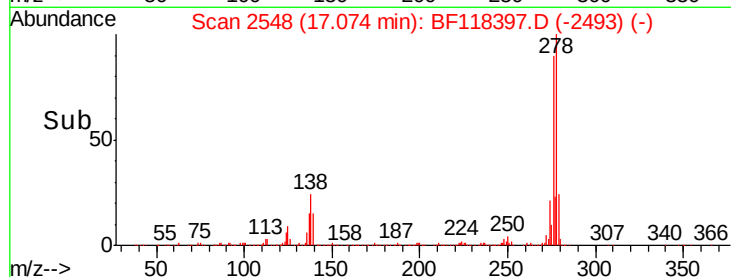
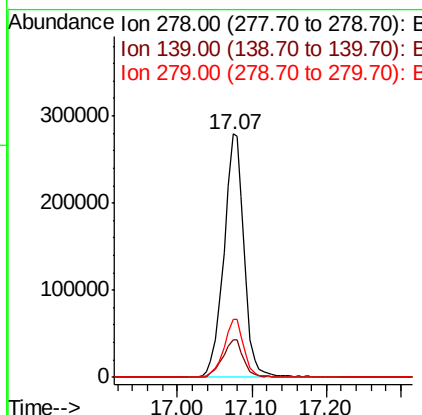
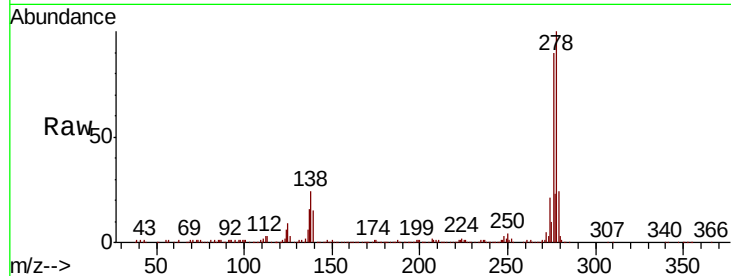


#91
Dibenzo(a,h)anthracene
Concen: 34.422 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 526500

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.1	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 33.022 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118397.D
Acq: 30 Dec 2019 22:48

Tgt Ion:276 Resp: 487905

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	19.6	16.1	24.1

