

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118114.D
 Acq On : 6 Dec 2019 14:59
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:46:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145862	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	566517	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	301244	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	565948	20.00	ng	0.00
76) Chrysene-d12	14.07	240	404594	20.00	ng	0.00
87) Perylene-d12	15.55	264	356064	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	667426	81.00	ng	0.00
7) Phenol-d6	6.50	99	811451	81.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	774424	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	283752	88.97	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1537661	91.57	ng	0.00
79) Terphenyl-d14	13.00	244	1787119	80.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	139303	36.166	ng	100
3) Pyridine	3.38	79	363414	35.968	ng	100
4) n-Nitrosodimethylamine	3.33	42	153860	34.884	ng	100
6) Aniline	6.53	93	524047	39.900	ng	100
8) 2-Chlorophenol	6.66	128	377281	42.195	ng	100
9) Benzaldehyde	6.42	77	211540	34.072	ng	100
10) Phenol	6.52	94	464687	44.992	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	327466	39.482	ng	100
12) 1,3-Dichlorobenzene	6.81	146	441228	41.915	ng	100
13) 1,4-Dichlorobenzene	6.89	146	446030	41.918	ng	100
14) 1,2-Dichlorobenzene	7.05	146	419741	41.246	ng	100
15) Benzyl Alcohol	7.01	79	320458	41.762	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	403435	31.594	ng	100
17) 2-Methylphenol	7.12	107	297555	39.296	ng	100
18) Hexachloroethane	7.39	117	163361	41.793	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	243753	39.753	ng	100
20) 3+4-Methylphenols	7.28	107	384366	40.892	ng	100
22) Acetophenone	7.28	105	528820	41.548	ng	100
24) Nitrobenzene	7.46	77	381881	38.843	ng	100
25) Isophorone	7.70	82	654846	37.490	ng	100
26) 2-Nitrophenol	7.77	139	205436	42.931	ng	100
27) 2,4-Dimethylphenol	7.81	122	272313	36.622	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	429917	38.787	ng	100
29) 2,4-Dichlorophenol	8.02	162	320869	39.783	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	372968	39.866	ng	100
31) Naphthalene	8.18	128	1113196	42.150	ng	100
32) Benzoic acid	7.94	122	251116	40.334	ng	100
33) 4-Chloroaniline	8.23	127	468049	39.586	ng	100
34) Hexachlorobutadiene	8.30	225	226233	41.360	ng	100
35) Caprolactam	8.60	113	99080	38.652	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	336730	41.137	ng	100
37) 2-Methylnaphthalene	8.87	142	748712	41.957	ng	100
38) 1-Methylnaphthalene	8.97	142	706970	41.906	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	356376	40.736	ng	100

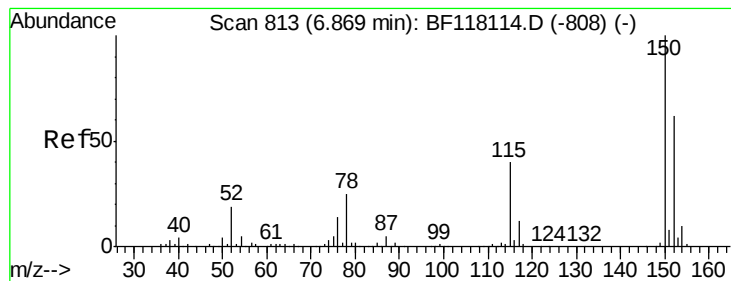
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118114.D
 Acq On : 6 Dec 2019 14:59
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:46:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	162124	33.069	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	240160	38.327	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	244573	37.592	ng	100
46) 1,1'-Biphenyl	9.34	154	930931	41.653	ng	100
47) 2-Chloronaphthalene	9.37	162	747401	40.651	ng	100
48) 2-Nitroaniline	9.46	65	209528	37.747	ng	100
49) Acenaphthylene	9.78	152	1105577	41.244	ng	100
50) Dimethylphthalate	9.65	163	859139	40.670	ng	100
51) 2,6-Dinitrotoluene	9.70	165	186096	40.308	ng	100
52) Acenaphthene	9.96	154	666084	38.790	ng	100
53) 3-Nitroaniline	9.87	138	222937	40.355	ng	100
54) 2,4-Dinitrophenol	9.98	184	92333	45.050	ng	100
55) Dibenzofuran	10.13	168	979417	41.189	ng	100
56) 4-Nitrophenol	10.03	139	152345	36.945	ng	100
57) 2,4-Dinitrotoluene	10.11	165	251685	42.855	ng	100
58) Fluorene	10.47	166	782903	42.488	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	203681	38.102	ng	100
60) Diethylphthalate	10.34	149	846698	41.112	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	395646	42.309	ng	100
62) 4-Nitroaniline	10.49	138	232066	41.955	ng	100
63) Azobenzene	10.62	77	725044	38.696	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	124084	46.965	ng	100
66) n-Nitrosodiphenylamine	10.58	169	684162	41.538	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	251442	41.176	ng	100
68) Hexachlorobenzene	11.02	284	294957	41.424	ng	100
69) Atrazine	11.11	200	194859	35.965	ng	100
70) Pentachlorophenol	11.22	266	145442	34.962	ng	100
71) Phenanthrene	11.44	178	1176297	41.340	ng	100
72) Anthracene	11.49	178	1167840	41.396	ng	100
73) Carbazole	11.65	167	1049075	42.554	ng	100
74) Di-n-butylphthalate	11.97	149	1326550	43.218	ng	100
75) Fluoranthene	12.63	202	1201859	43.662	ng	100
77) Benzidine	12.75	184	423487	31.954	ng	100
78) Pyrene	12.86	202	1202716	36.783	ng	100
80) Butylbenzylphthalate	13.47	149	556732	39.643	ng	100
81) Benzo(a)anthracene	14.06	228	1080642	40.419	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	355803	38.045	ng	100
83) Chrysene	14.09	228	1030949	39.794	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	737954	43.343	ng	100
85) Di-n-octyl phthalate	14.65	149	1128781	45.129	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	768341	34.846	ng	100
88) Benzo(b)fluoranthene	15.12	252	961963	41.583	ng	100
89) Benzo(k)fluoranthene	15.15	252	853213	39.143	ng	100
90) Benzo(a)pyrene	15.49	252	805823	39.613	ng	100
91) Dibenzo(a,h)anthracene	17.08	278	635419	36.291	ng	100
92) Benzo(g,h,i)perylene	17.52	276	598681	34.329	ng	100

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

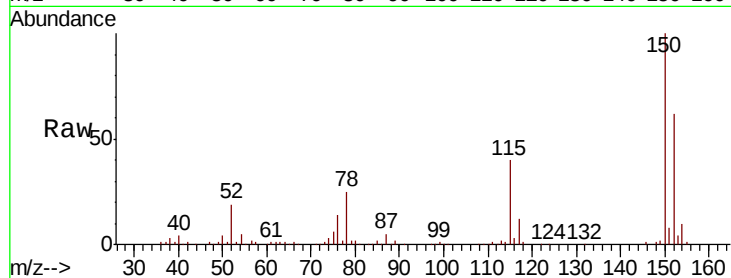


#1

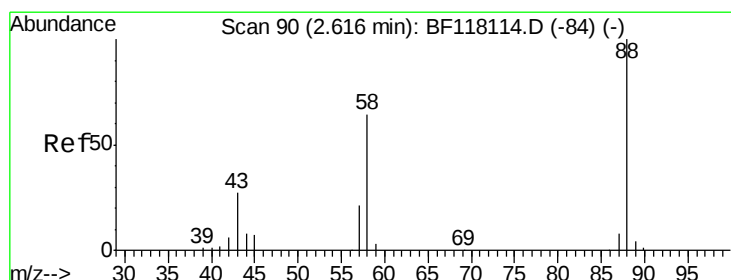
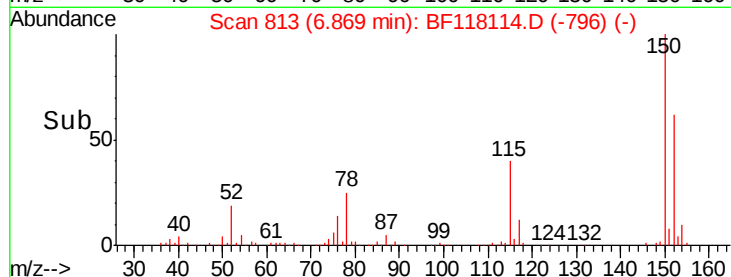
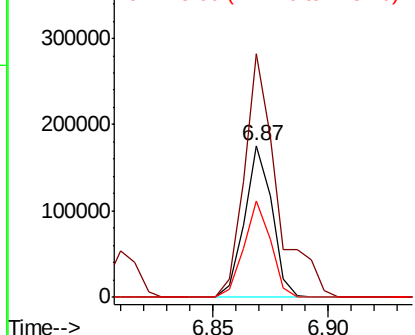
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145862
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.3 192.5
 115 63.9 51.1 76.7



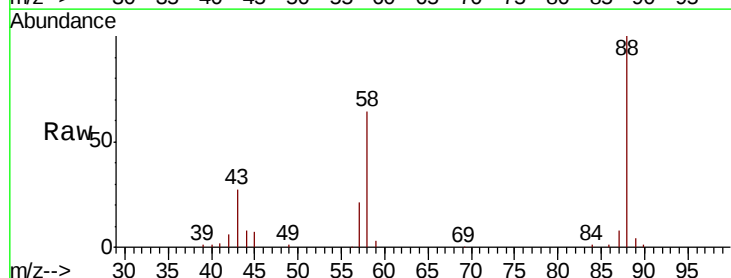
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



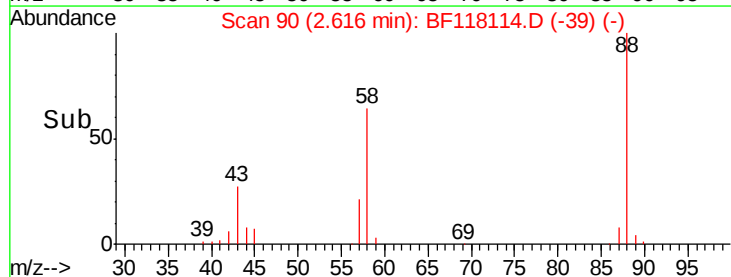
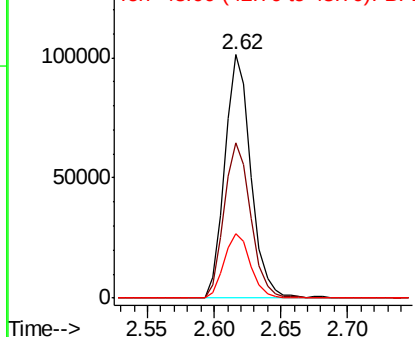
#2

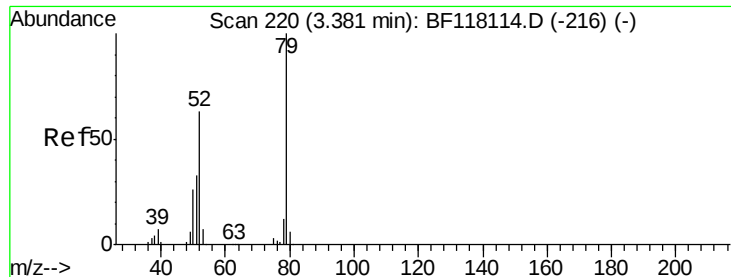
1,4-Dioxane
 Concen: 36.166 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion: 88 Resp: 139303
 Ion Ratio Lower Upper
 88 100
 58 65.3 52.2 78.4
 43 26.8 21.4 32.2



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





#3

Pvrirdine

Concen: 35.968 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

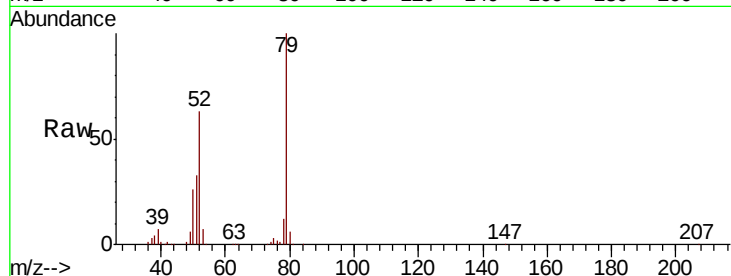
Tot Ion: 79 Resp: 363414

Ion Ratio Lower Upper

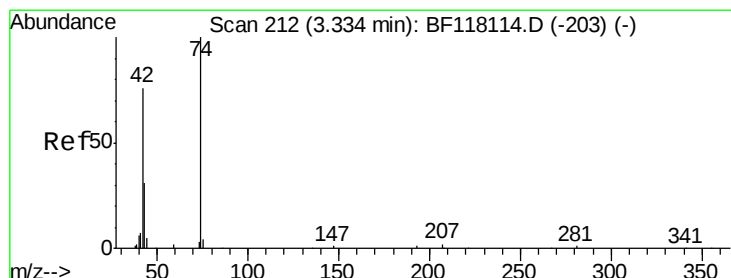
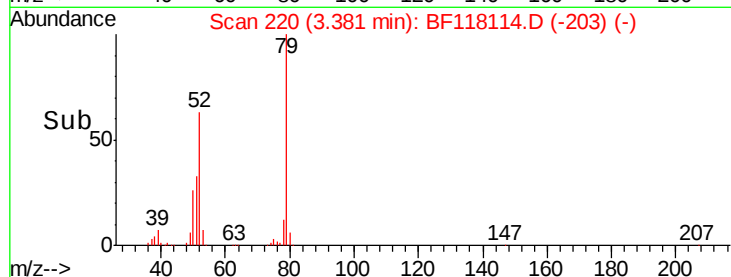
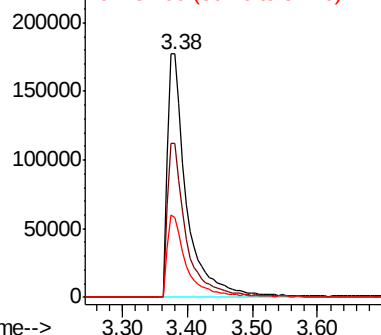
79 100

52 63.4 50.7 76.1

51 33.0 26.4 39.6



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



#4

n-Nitrosodimethylamine

Concen: 34.884 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

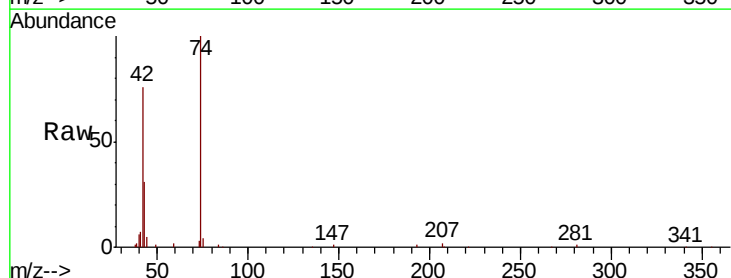
Tgt Ion: 42 Resp: 153860

Ion Ratio Lower Upper

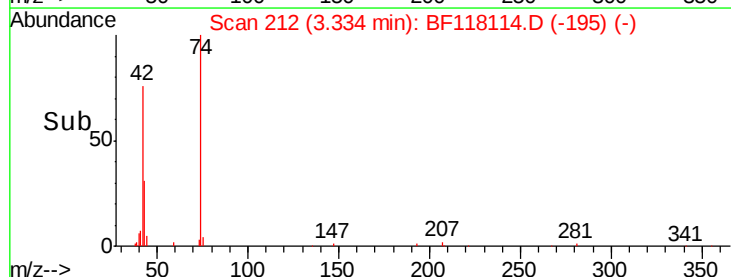
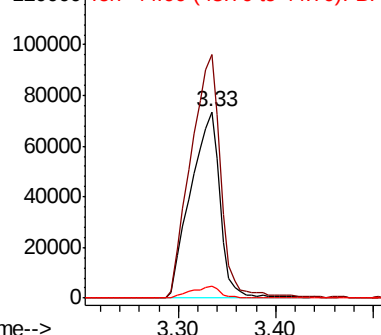
42 100

74 130.8 104.6 157.0

44 6.4 5.1 7.7



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





#5

2-Fluorophenol

Concen: 80.995 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

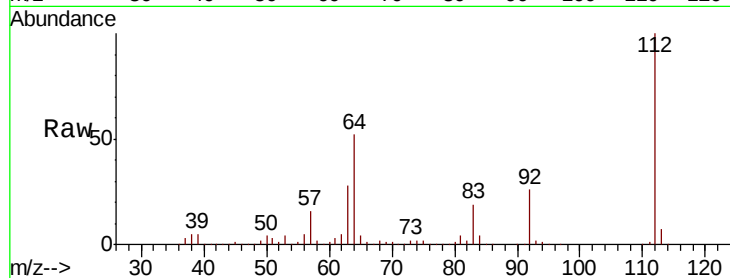
Tot Ion: 112 Resp: 667426

Ion Ratio Lower Upper

112 100

64 51.6 41.3 61.9

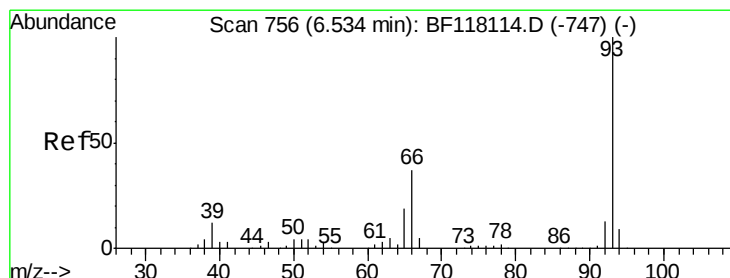
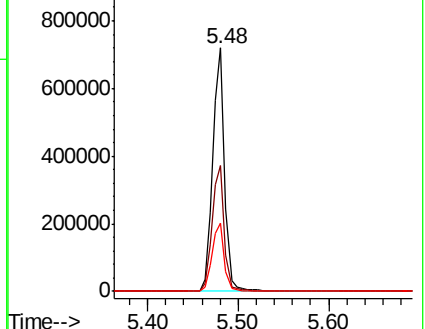
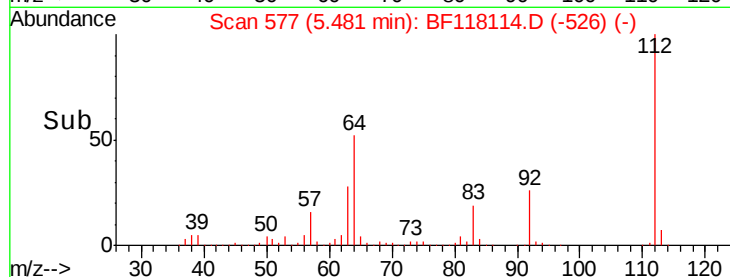
63 28.0 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.900 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

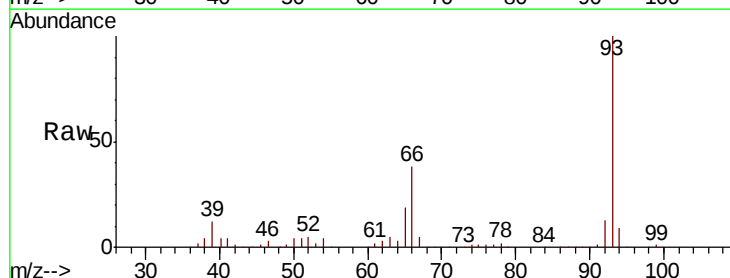
Tgt Ion: 93 Resp: 524047

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.2

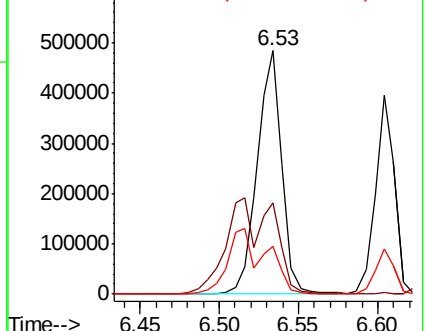
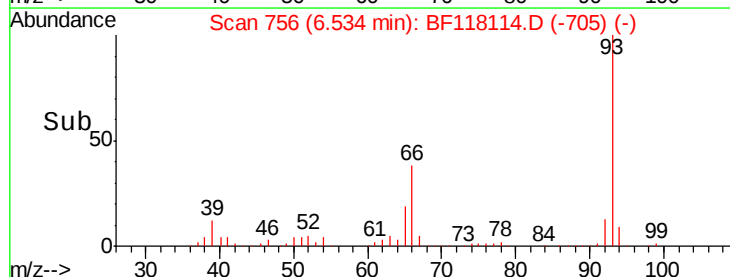
65 19.4 15.5 23.3

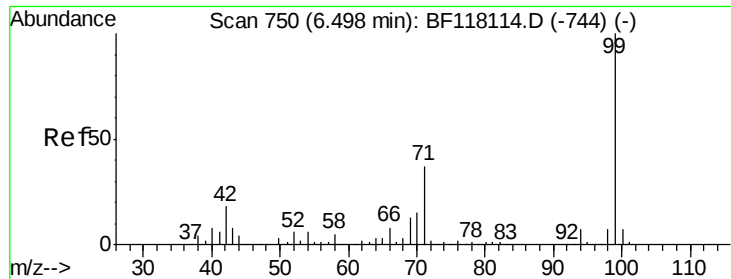


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.642 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

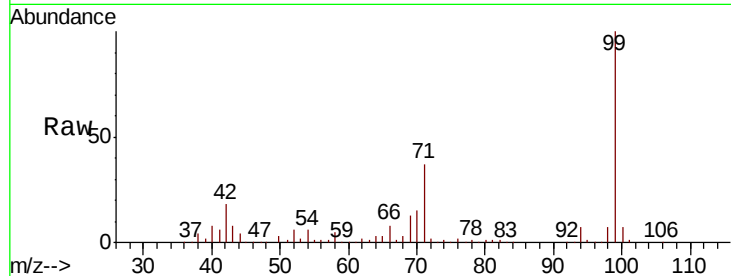
Tot Ion: 99 Resp: 811451

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

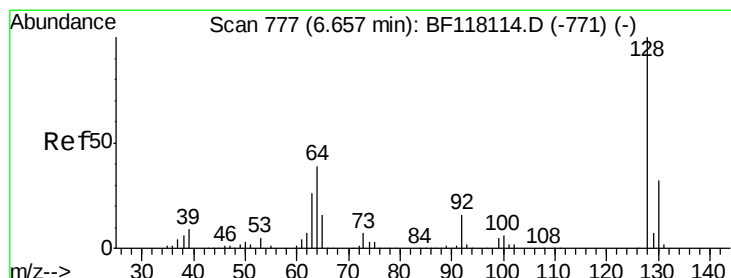
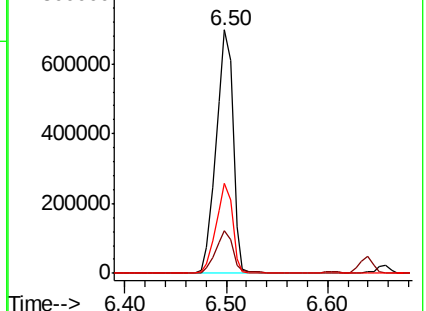
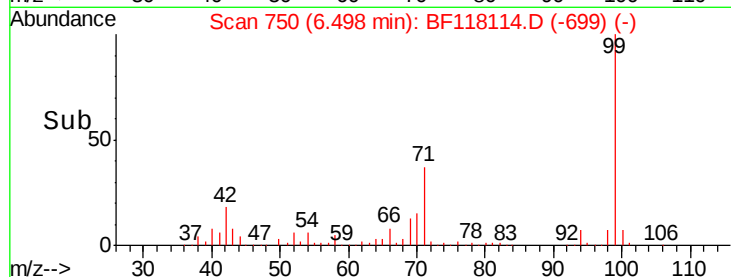
71 37.1 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.195 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

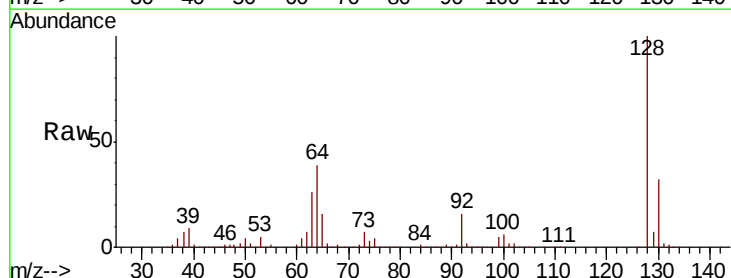
Tgt Ion: 128 Resp: 377281

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

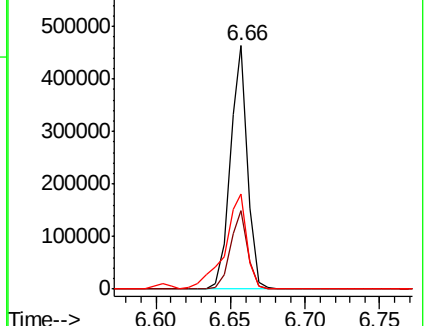
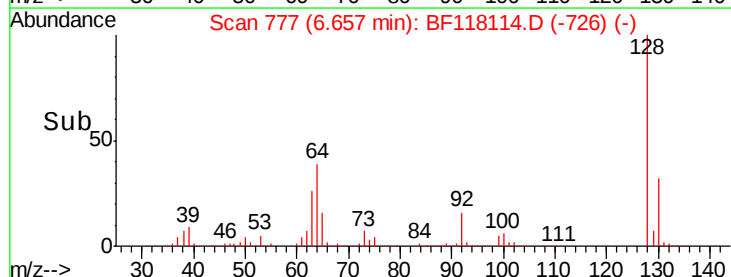
64 39.3 19.3 59.3

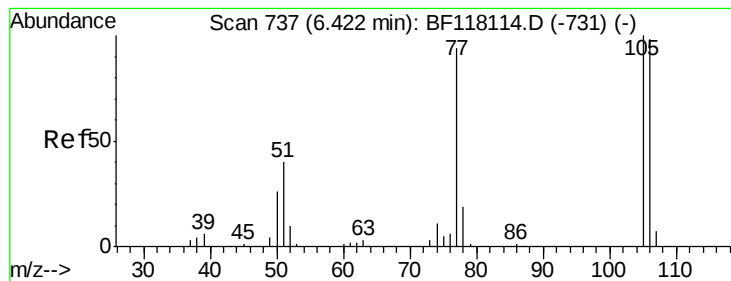


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.072 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

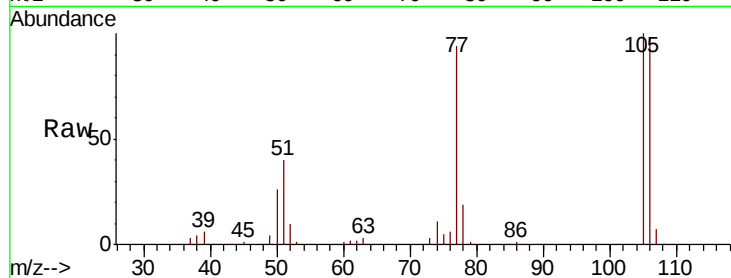
Tot Ion: 77 Resp: 211540

Ion Ratio Lower Upper

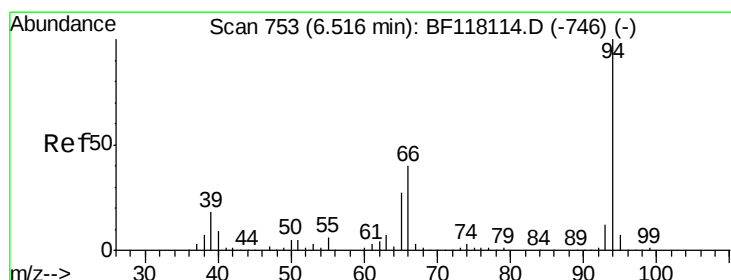
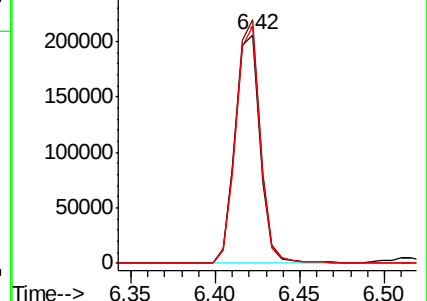
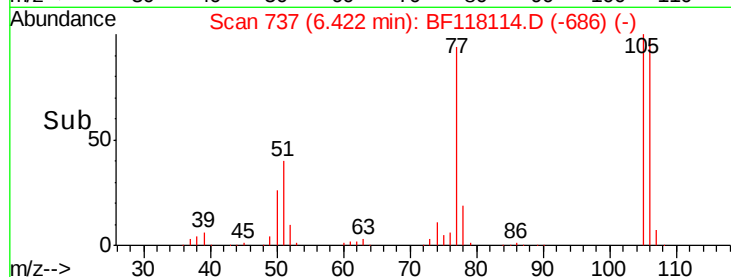
77 100

105 106.4 86.4 126.4

106 103.8 83.8 123.8



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



#10

Phenol

Concen: 44.992 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

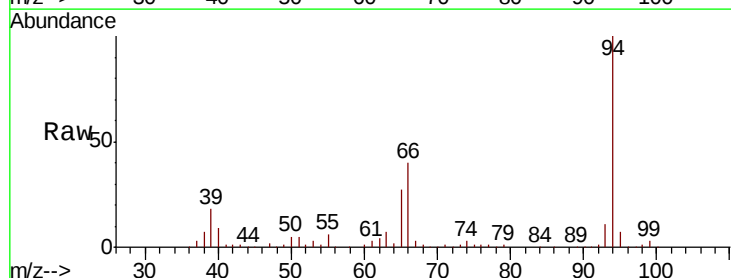
Tgt Ion: 94 Resp: 464687

Ion Ratio Lower Upper

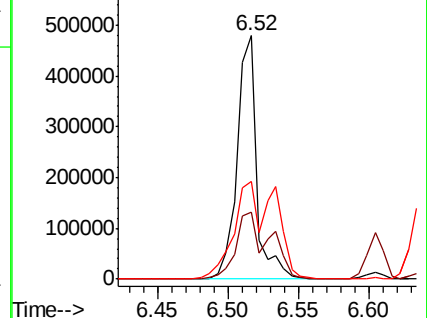
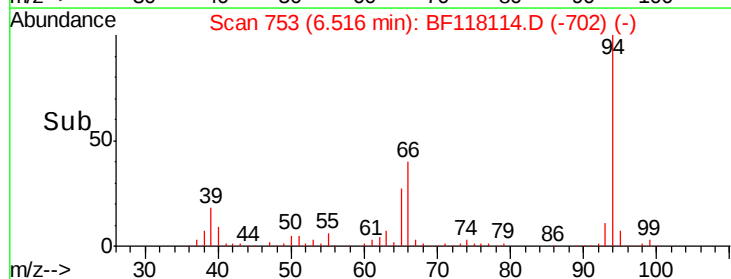
94 100

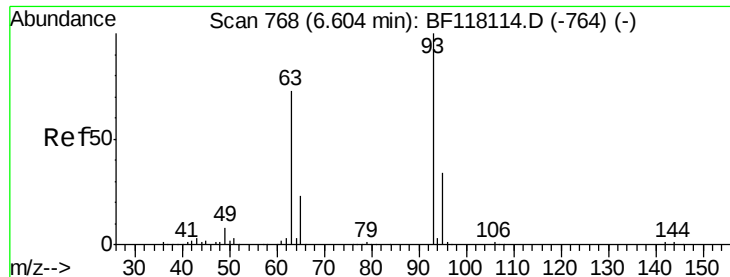
65 27.3 7.3 47.3

66 40.2 20.2 60.2



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

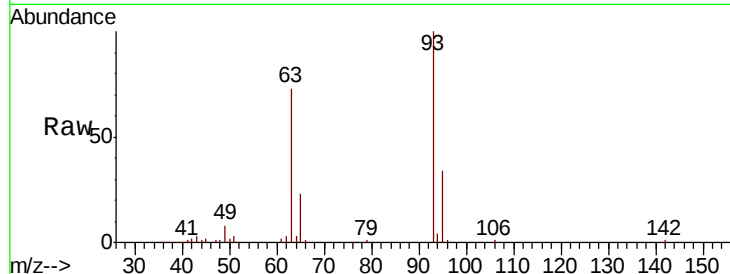




#11
bis(2-Chloroethyl)ether
Concen: 39.482 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	53.2	93.2
95	33.8	13.8	53.8

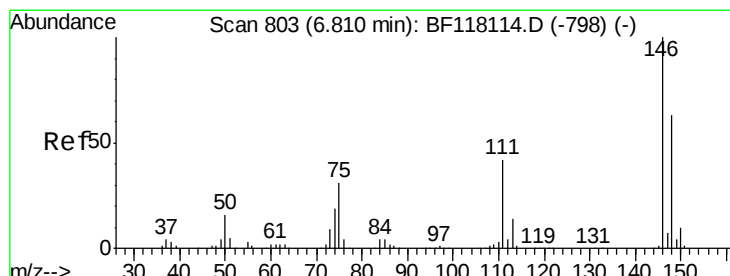
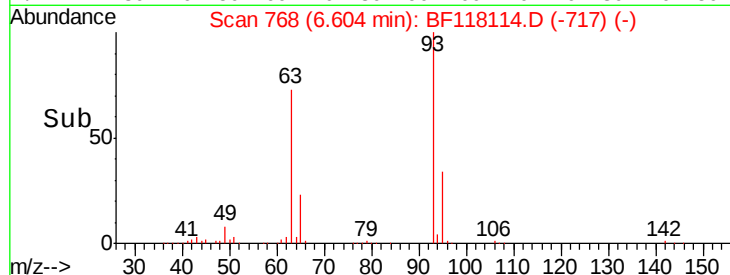
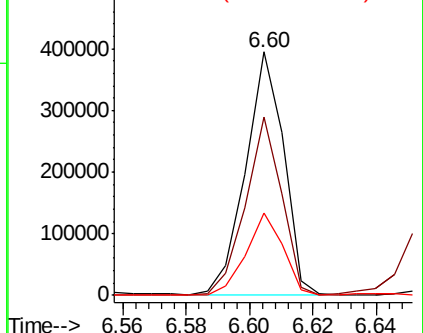


Abundance

Ion 93.00 (92.70 to 93.70): BF1

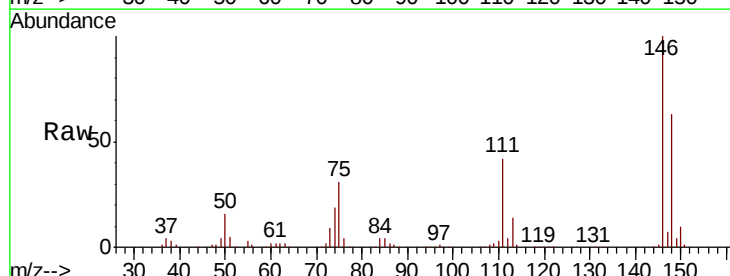
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.915 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	30.8	24.6	37.0

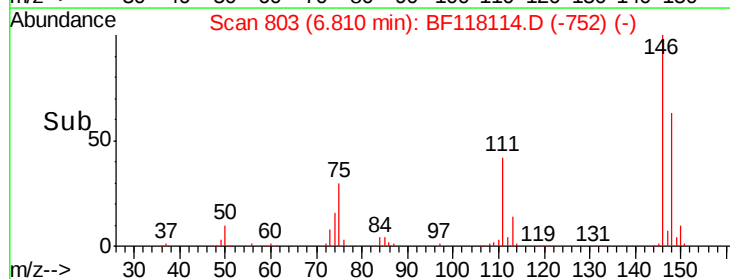
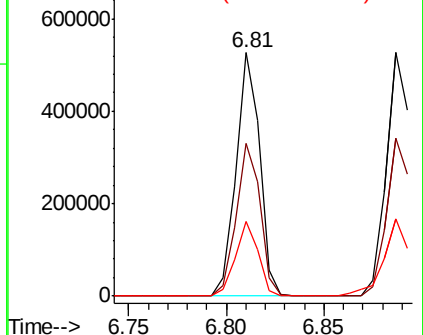


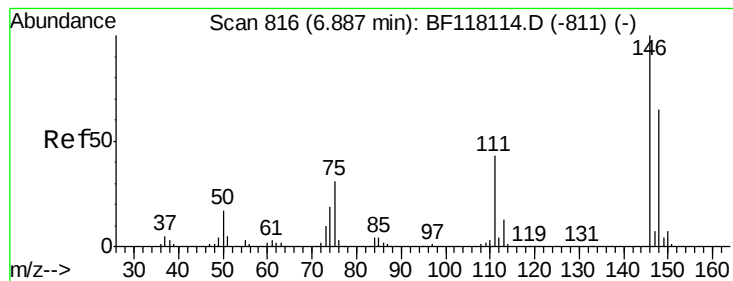
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.918 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

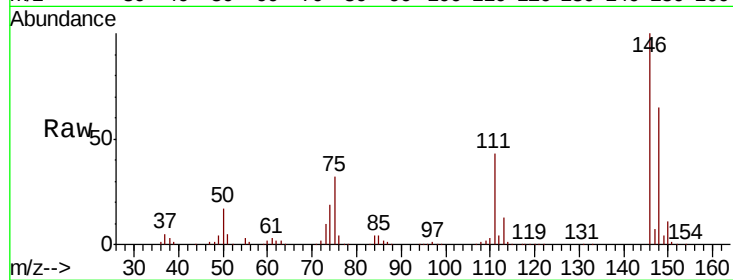
Tot Ion:146 Resp: 446030

Ion Ratio Lower Upper

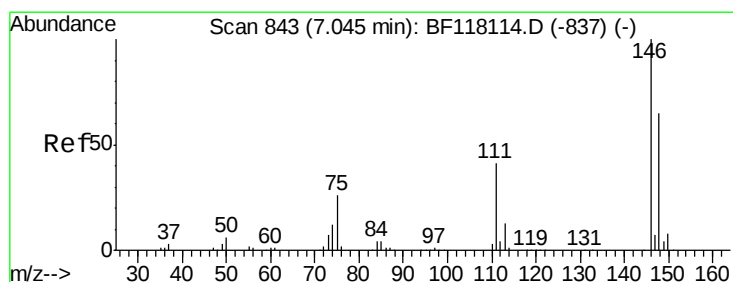
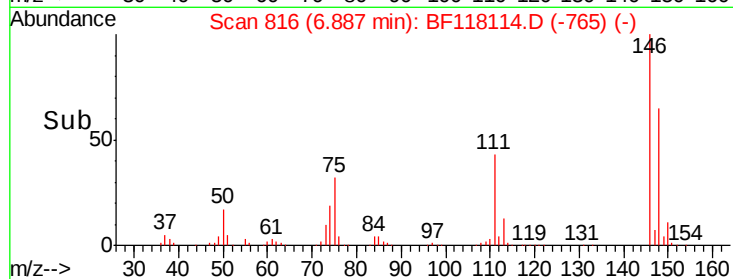
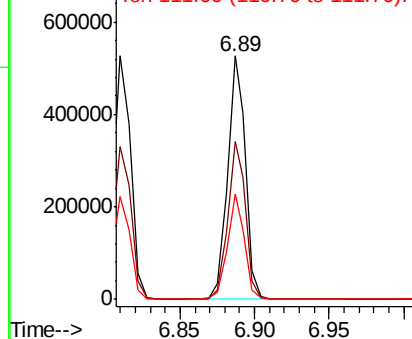
146 100

148 65.1 52.1 78.1

111 43.3 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 41.246 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

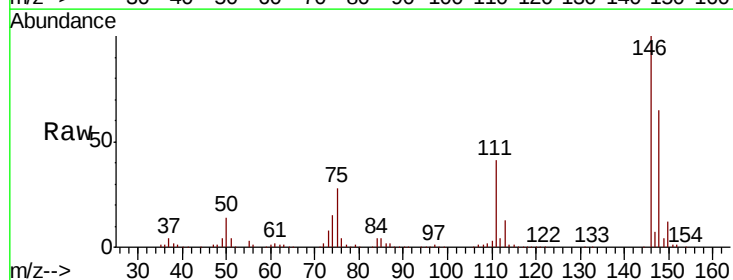
Tgt Ion:146 Resp: 419741

Ion Ratio Lower Upper

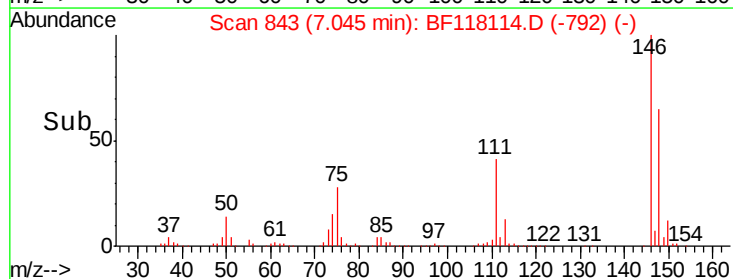
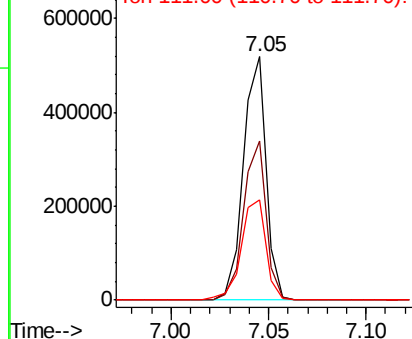
146 100

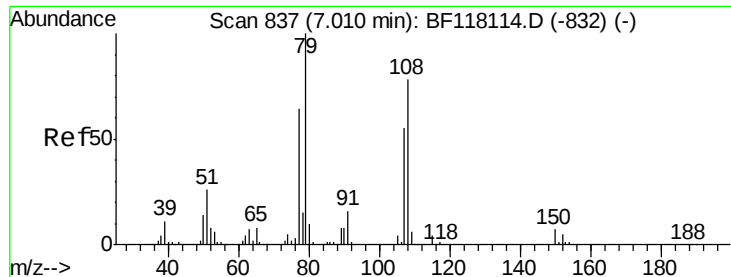
148 65.2 52.2 78.2

111 41.4 33.1 49.7



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

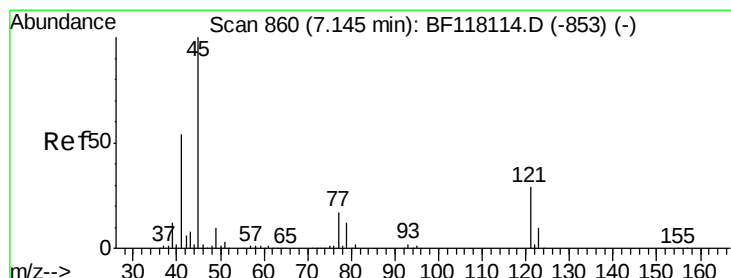
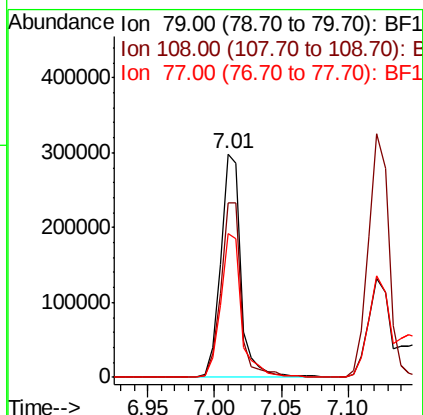
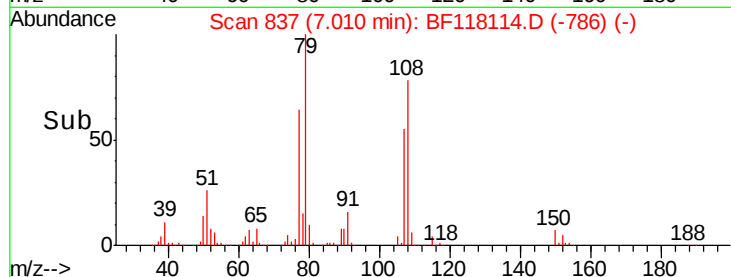
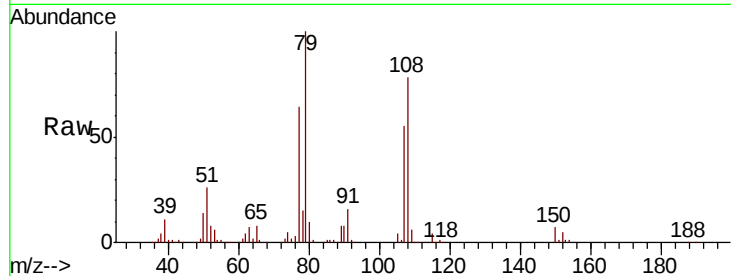




#15
Benzyl Alcohol
Concen: 41.762 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

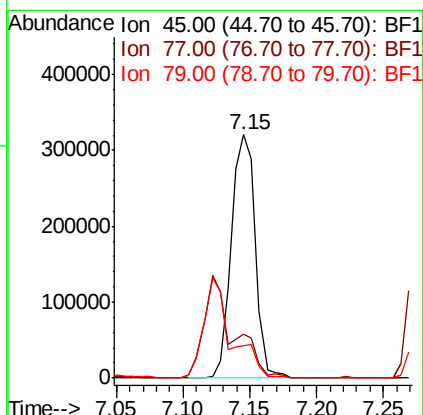
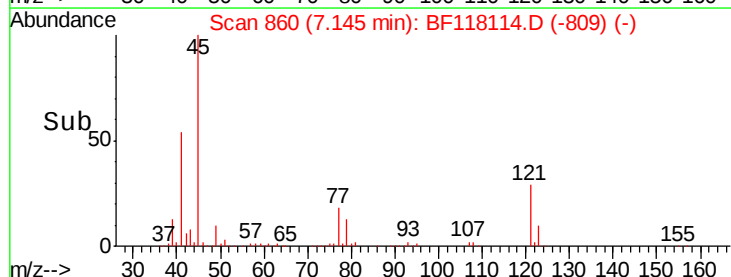
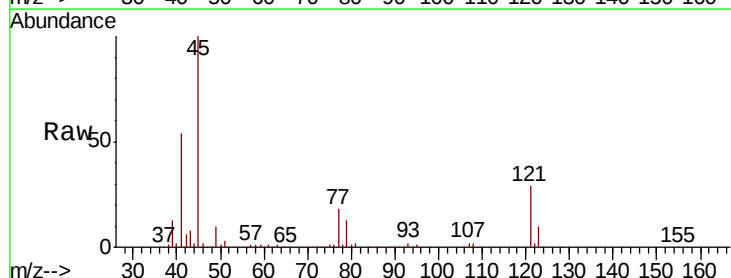
Instrument :
BNA_F
ClientSampleId :

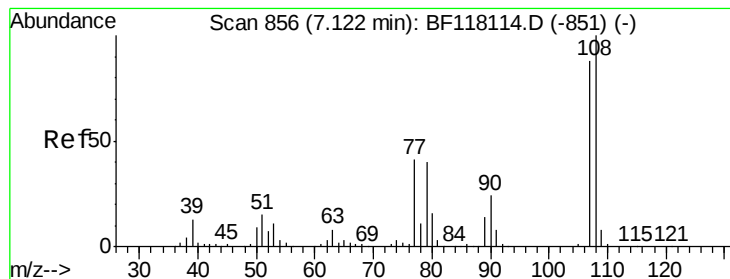
Tot Ion: 79 Resp: 320458
Ion Ratio Lower Upper
79 100
108 78.4 62.7 94.1
77 64.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.594 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion: 45 Resp: 403435
Ion Ratio Lower Upper
45 100
77 18.0 0.0 38.0
79 13.2 0.0 33.2





#17

2-Methylphenol

Concen: 39.296 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 297555

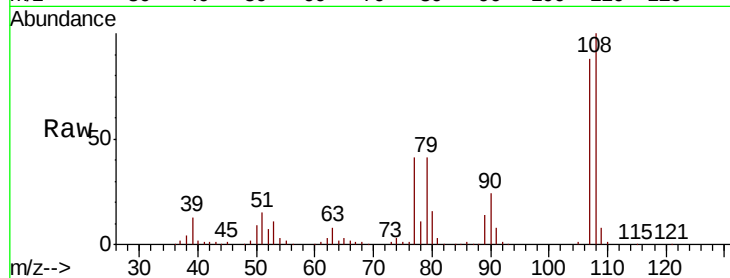
Ion Ratio Lower Upper

107 100

108 113.9 91.1 136.7

77 47.2 37.8 56.6

79 46.3 37.0 55.6

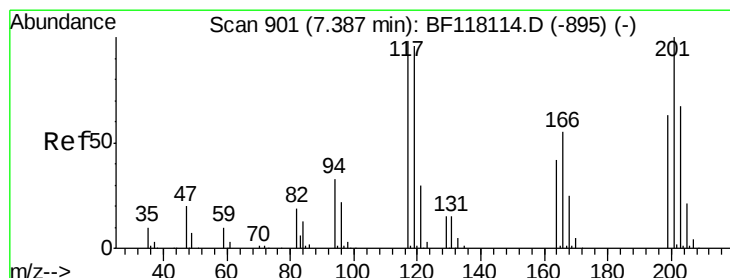
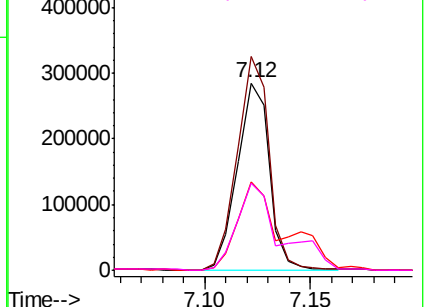
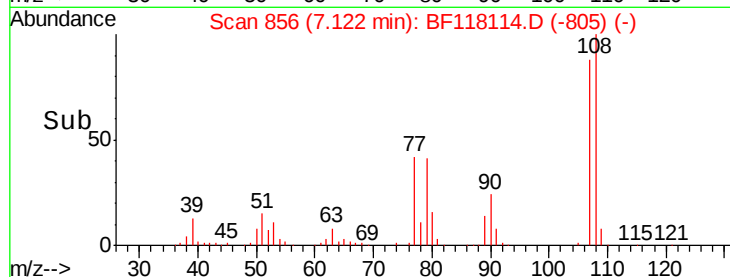


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.793 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

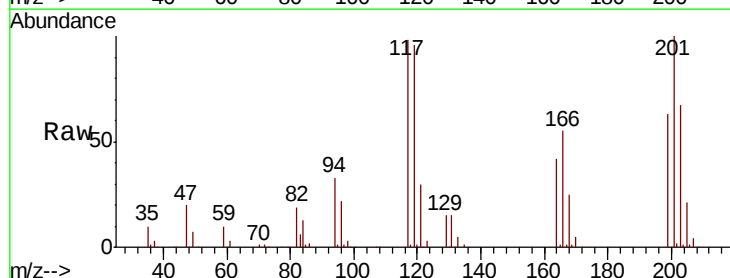
Tgt Ion:117 Resp: 163361

Ion Ratio Lower Upper

117 100

119 97.8 78.2 117.4

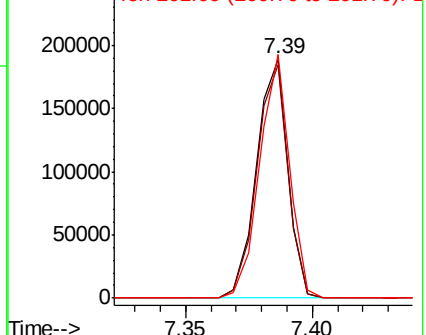
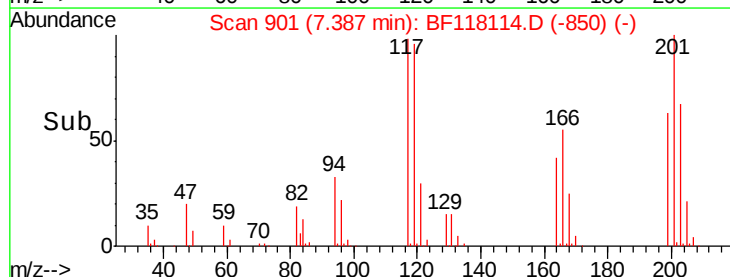
201 102.0 81.6 122.4

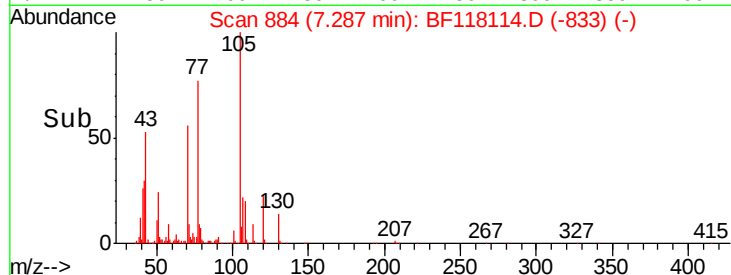
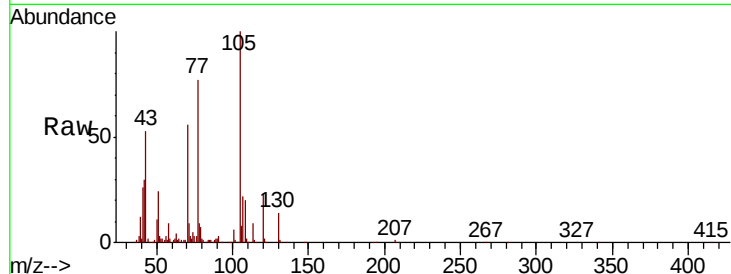


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

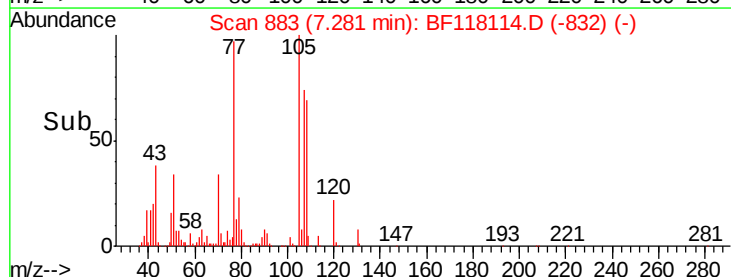
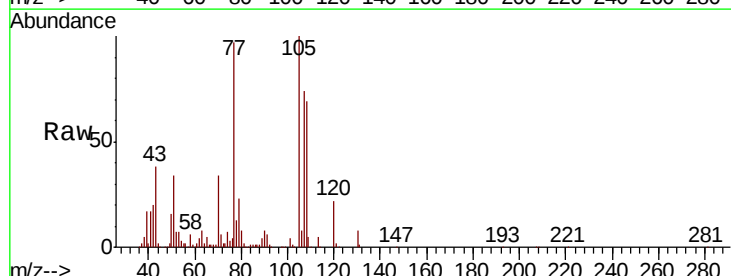
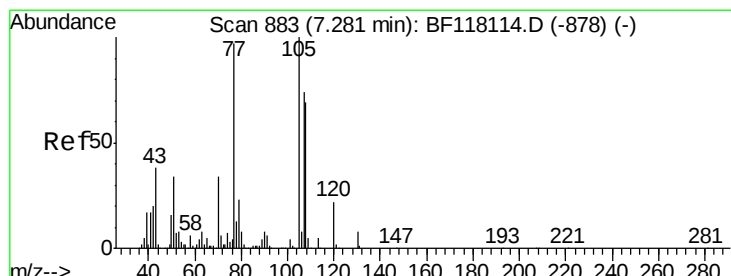
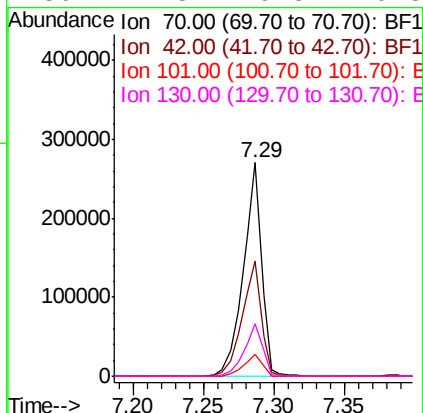




#19
n-Nitroso-di-n-propylamine
Concen: 39.753 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

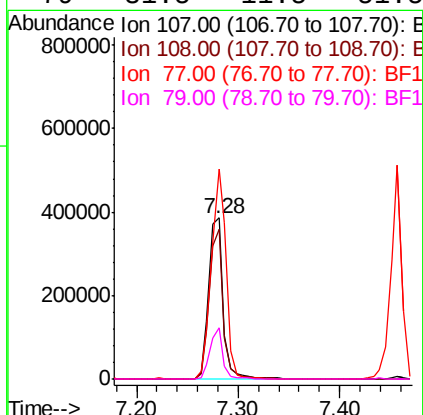
Instrument :
BNA_F
ClientSampleId :

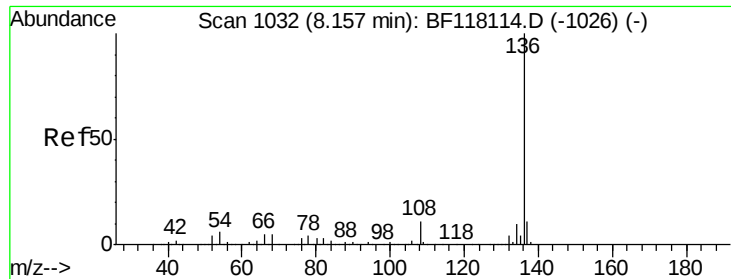
Tot Ion	70	Resp	243753
Ion Ratio	Lower	Upper	
70	100		
42	54.0	43.2	64.8
101	10.1	8.1	12.1
130	24.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 40.892 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion	107	Resp	384366
Ion Ratio	Lower	Upper	
107	100		
108	93.2	73.2	113.2
77	130.9	110.9	150.9
79	31.5	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566517

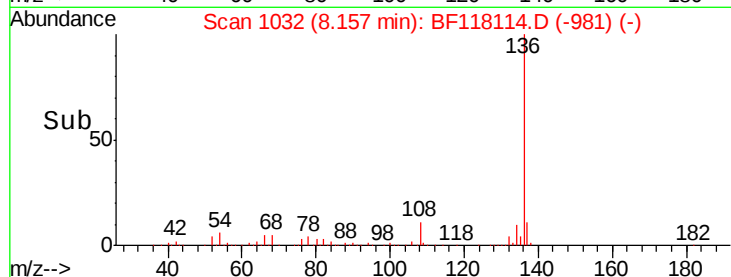
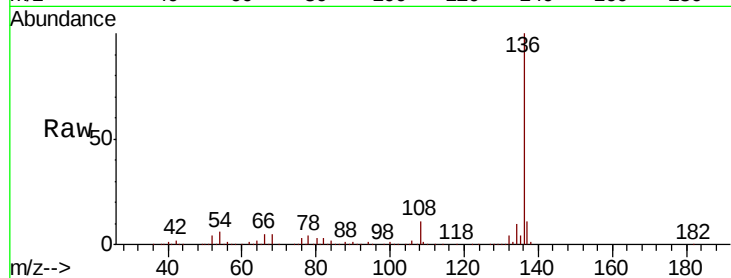
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 6.3 5.0 7.6

68 4.8 3.8 5.8

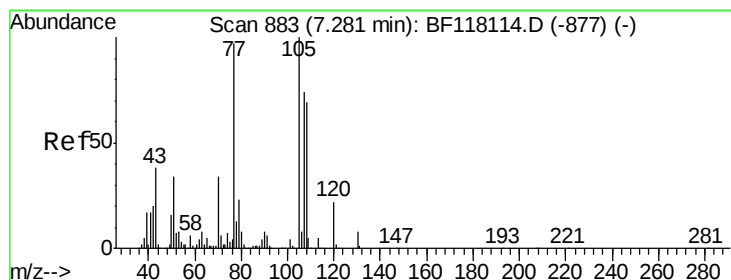
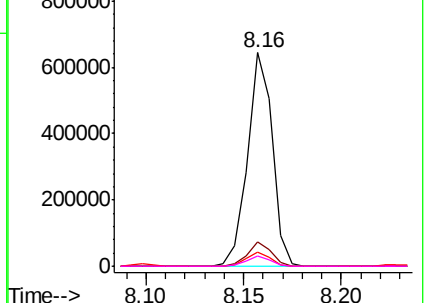


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.548 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Tgt Ion:105 Resp: 528820

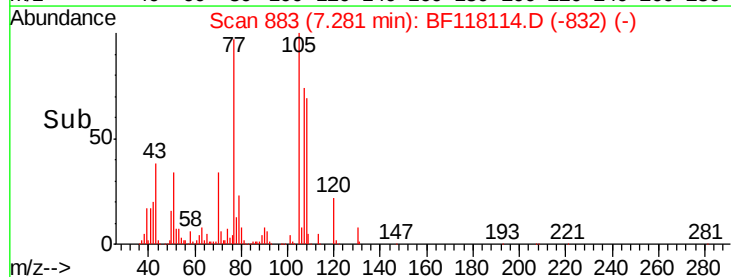
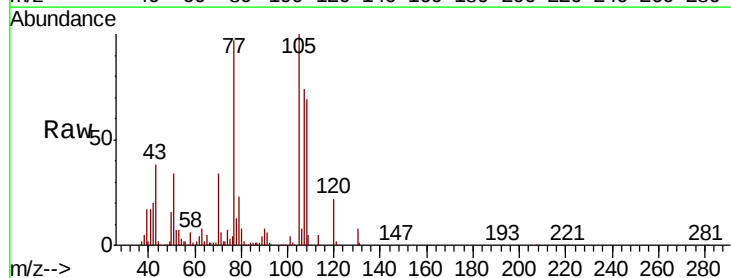
Ion Ratio Lower Upper

105 100

71 5.9 4.7 7.1

51 33.9 27.1 40.7

120 22.2 17.8 26.6

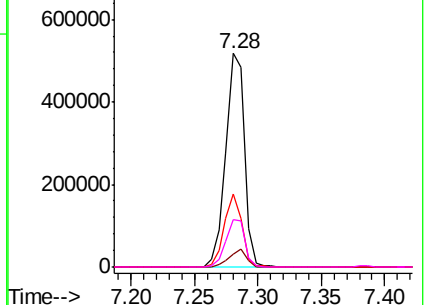


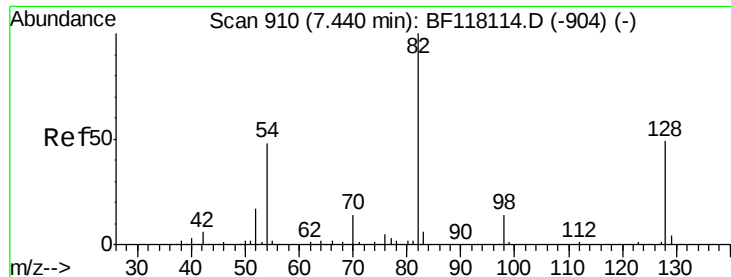
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

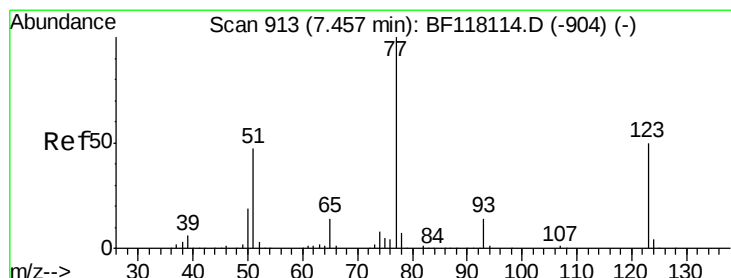
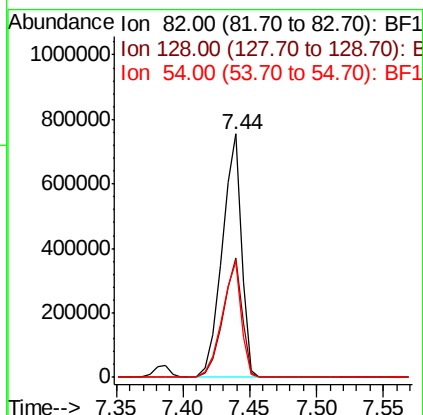
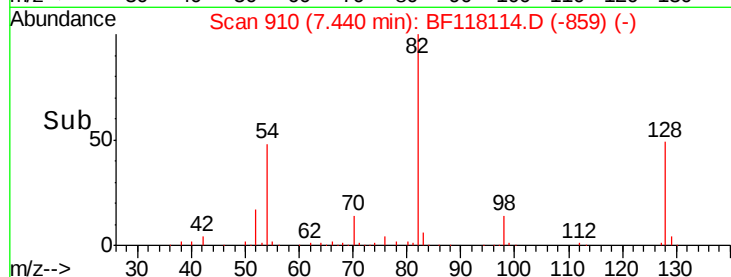
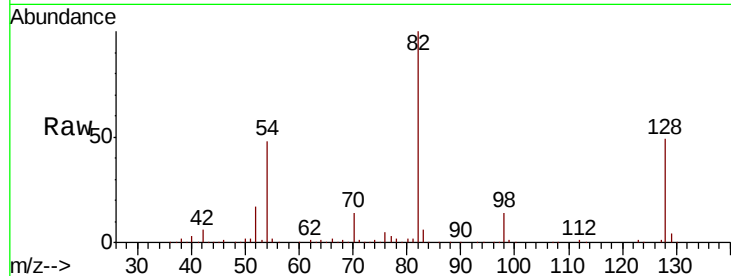




#23
Nitrobenzene-d5
Concen: 81.262 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

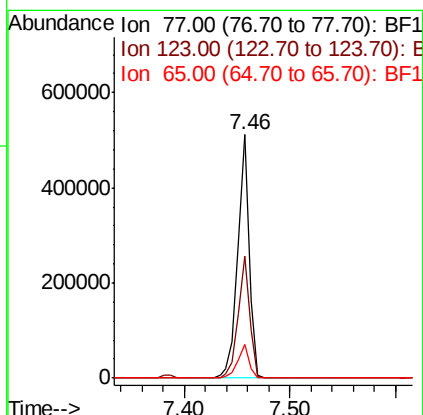
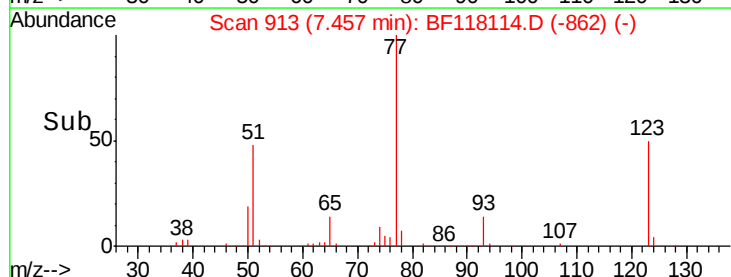
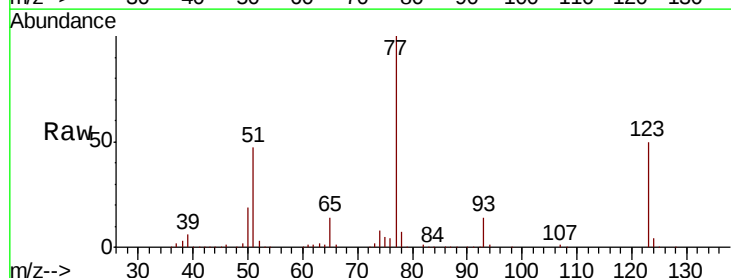
Instrument :
BNA_F
ClientSampleId :

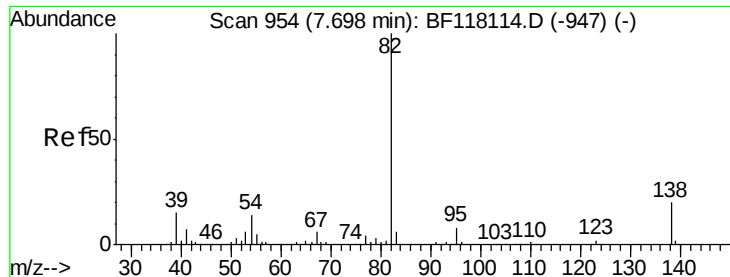
Tot Ion: 82 Resp: 774424
Ion Ratio Lower Upper
82 100
128 48.9 39.1 58.7
54 47.7 38.2 57.2



#24
Nitrobenzene
Concen: 38.843 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion: 77 Resp: 381881
Ion Ratio Lower Upper
77 100
123 50.1 40.1 60.1
65 13.6 10.9 16.3





#25

Isophorone

Concen: 37.490 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

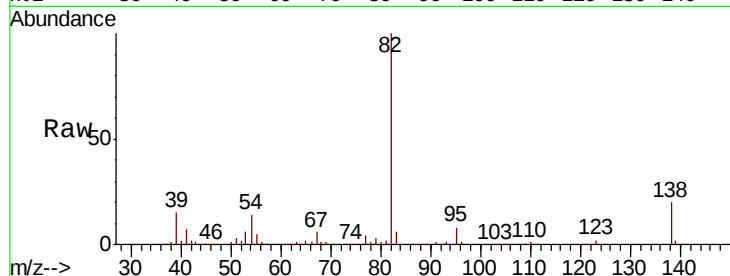
Tot Ion: 82 Resp: 654846

Ion Ratio Lower Upper

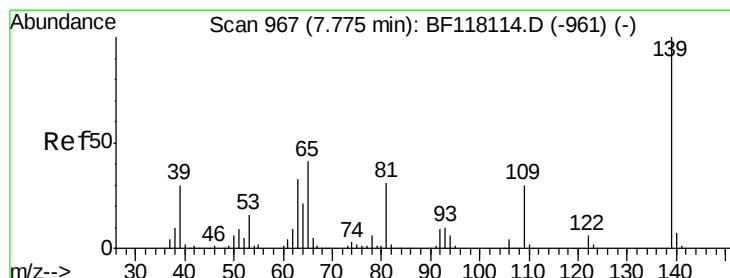
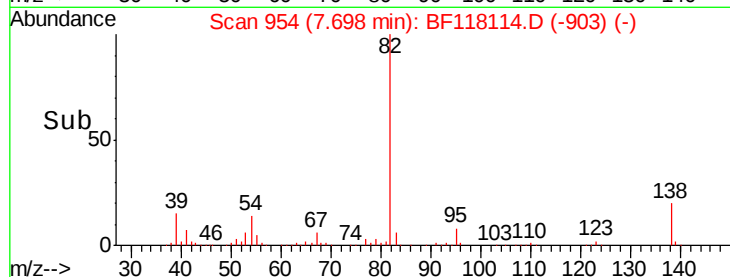
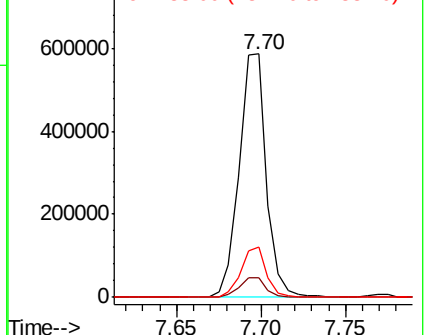
82 100

95 7.9 6.3 9.5

138 20.4 16.3 24.5



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



#26

2-Nitrophenol

Concen: 42.931 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

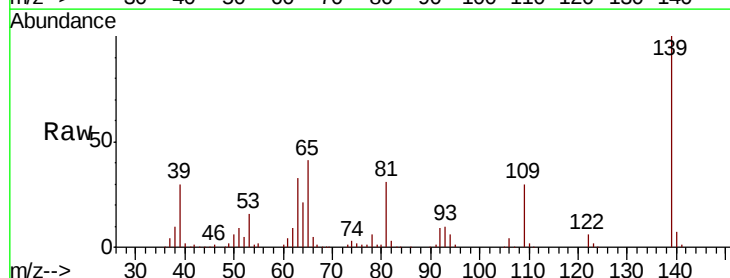
Tgt Ion: 139 Resp: 205436

Ion Ratio Lower Upper

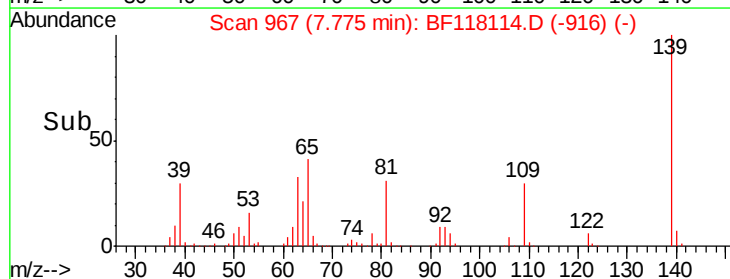
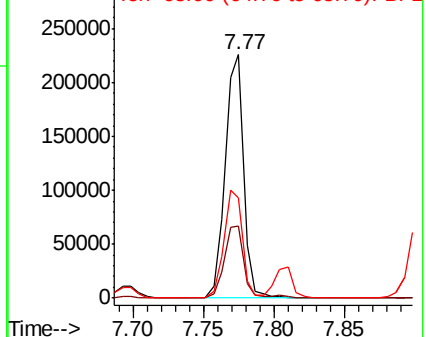
139 100

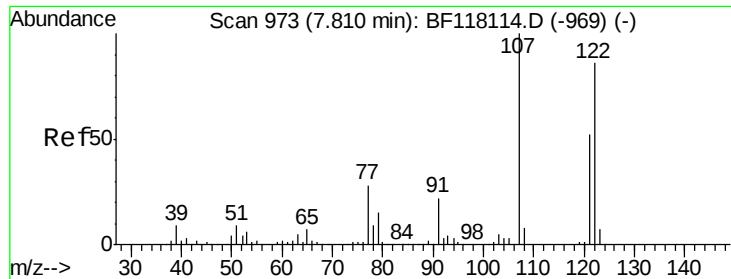
109 29.9 23.9 35.9

65 41.3 33.0 49.6



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

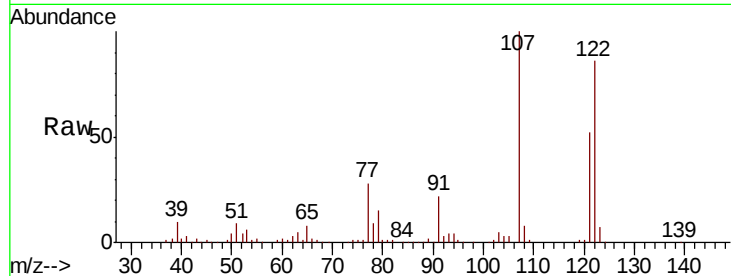




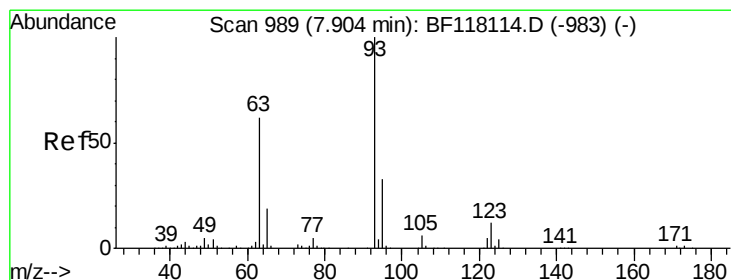
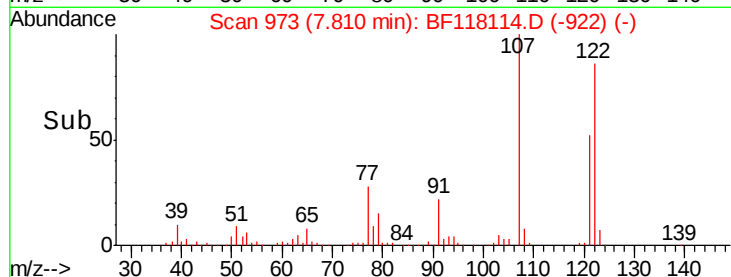
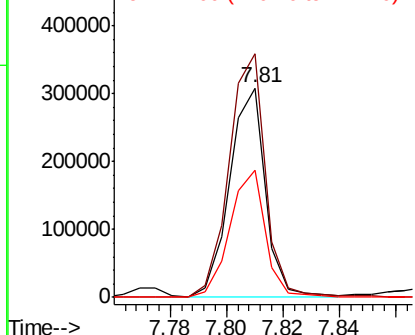
#27
 2,4-Dimethylphenol
 Concen: 36.622 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 272313
 Ion Ratio Lower Upper
 122 100
 107 116.1 92.9 139.3
 121 60.4 48.3 72.5

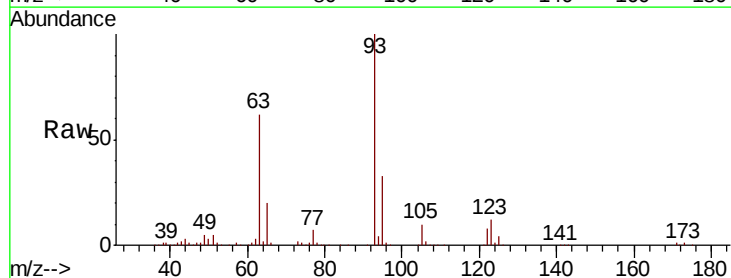


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

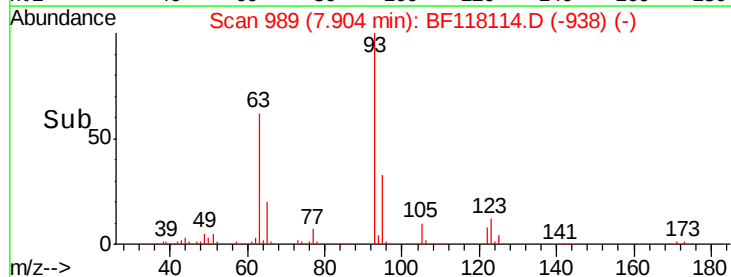
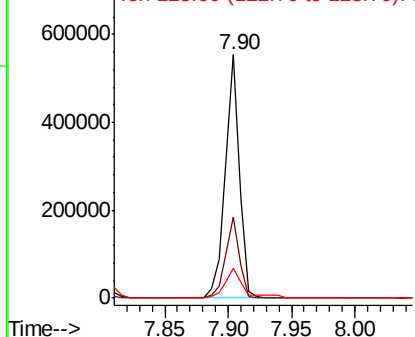


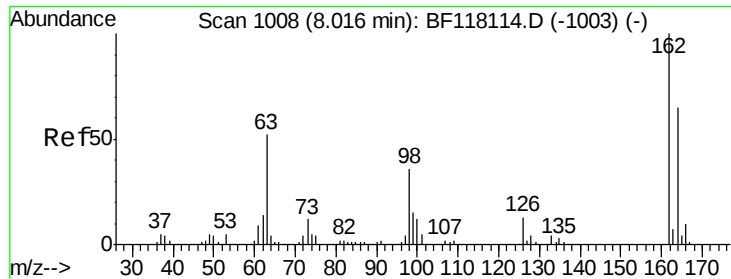
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.787 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion: 93 Resp: 429917
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.7 40.1
 123 12.5 10.0 15.0



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

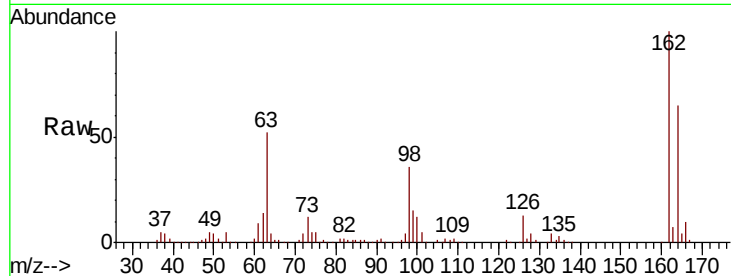




#29
 2,4-Dichlorophenol
 Concen: 39.783 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	35.9	15.9	55.9

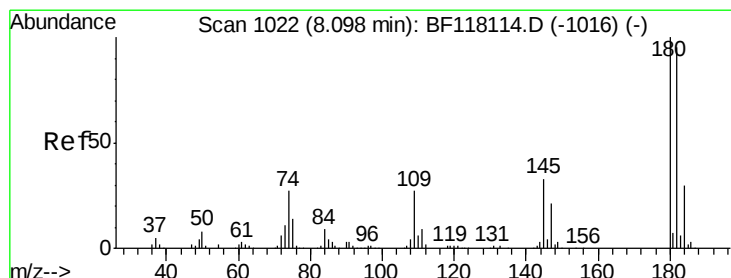
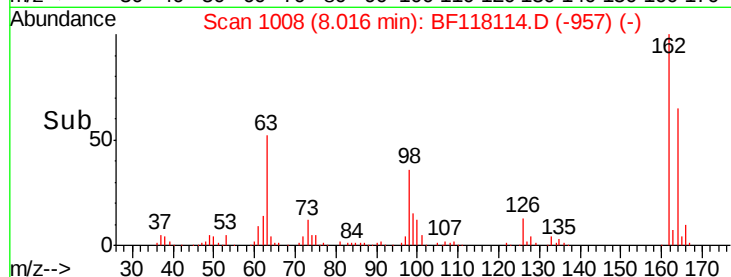
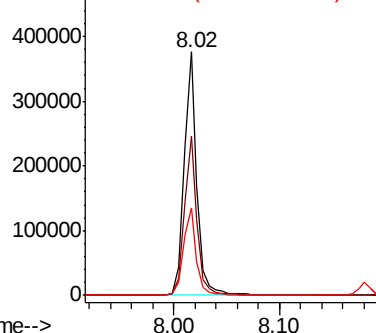


Abundance

Ion 162.00 (161.70 to 162.70): E

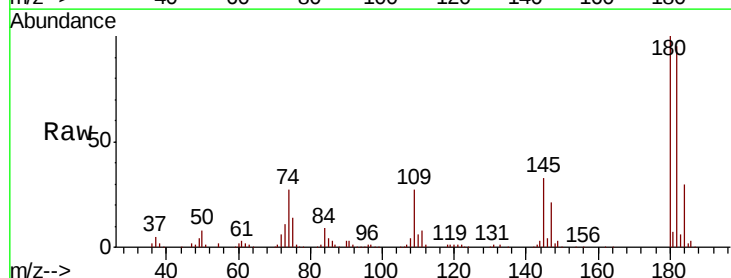
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.866 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	32.6	26.1	39.1

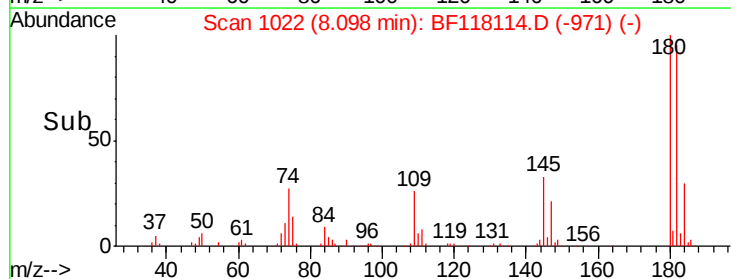
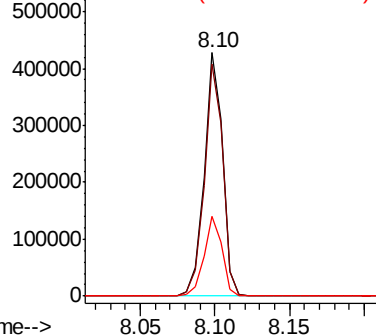


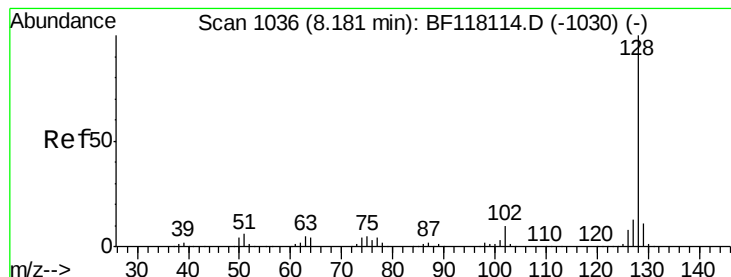
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.150 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

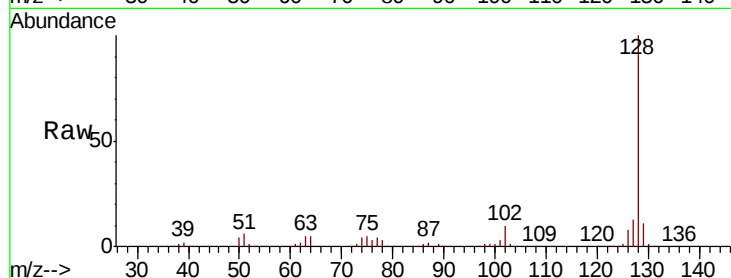
Tot Ion:128 Resp: 1113196

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

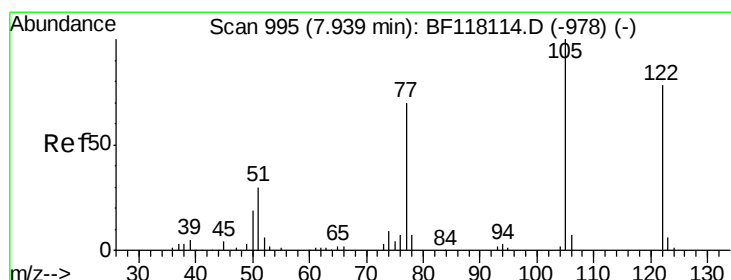
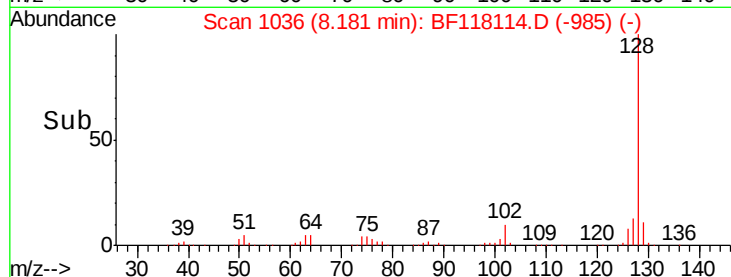
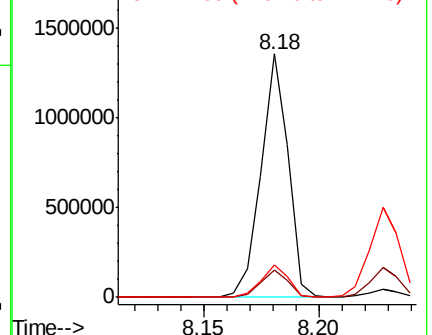
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.334 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

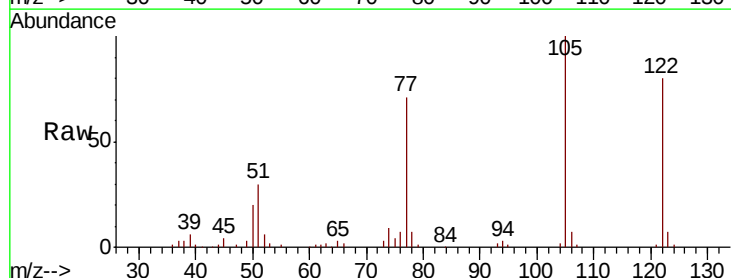
Tgt Ion:122 Resp: 251116

Ion Ratio Lower Upper

122 100

105 124.7 104.7 144.7

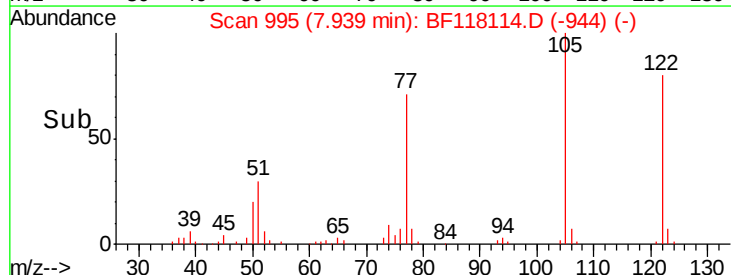
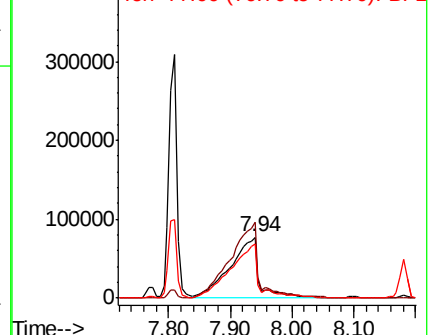
77 89.1 69.1 109.1

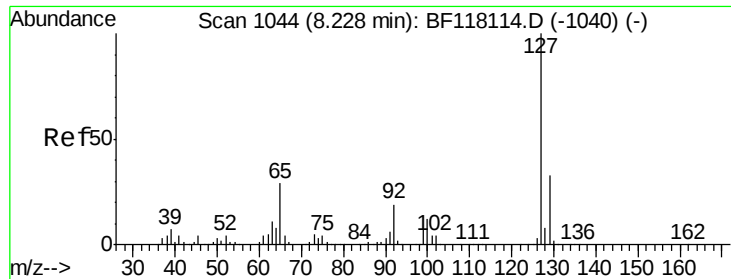


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

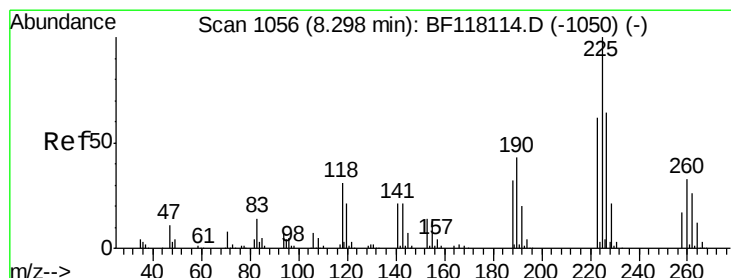
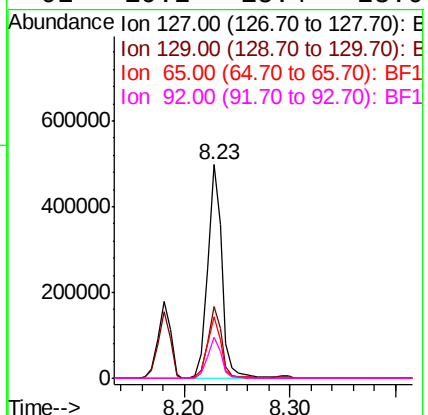
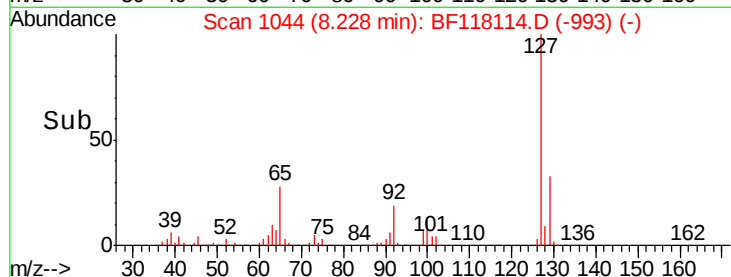
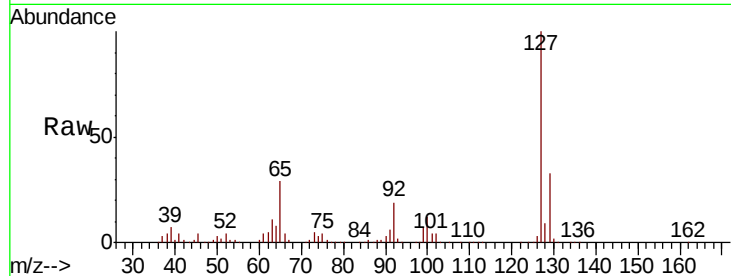




#33
4-Chloroaniline
Concen: 39.586 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

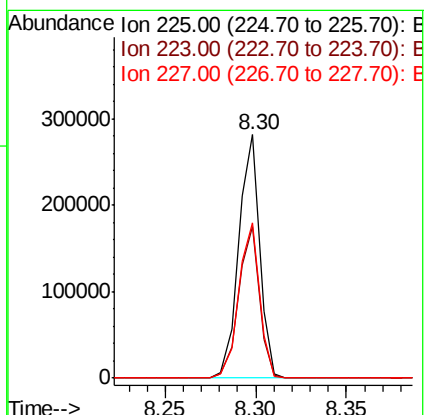
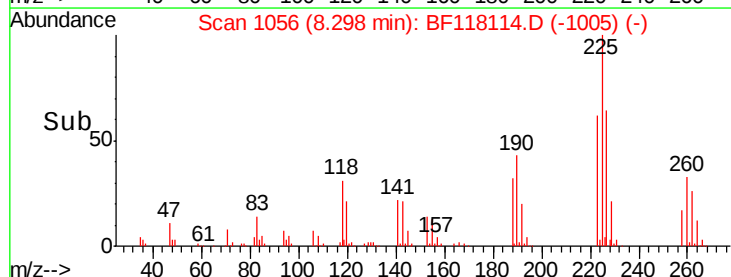
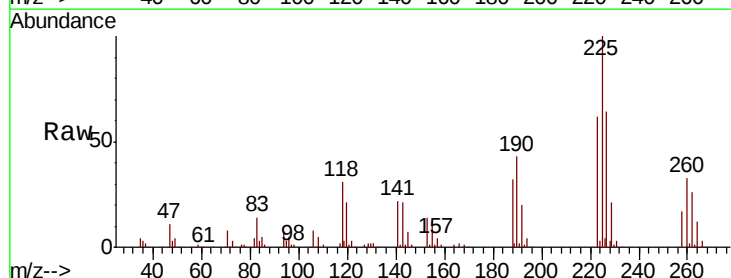
Instrument :
BNA_F
ClientSampleId :

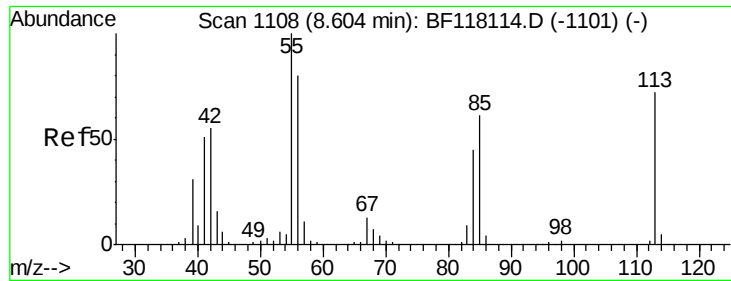
Tot Ion:	127	Resp:	468049
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	29.0	23.2	34.8
92	19.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.360 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:	225	Resp:	226233
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.8	51.0	76.6

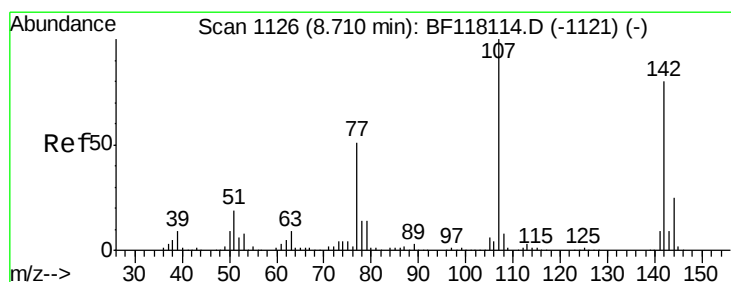
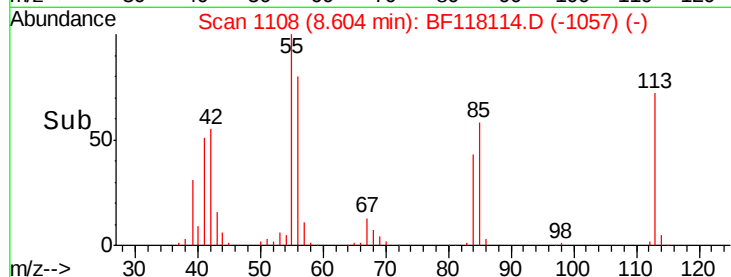
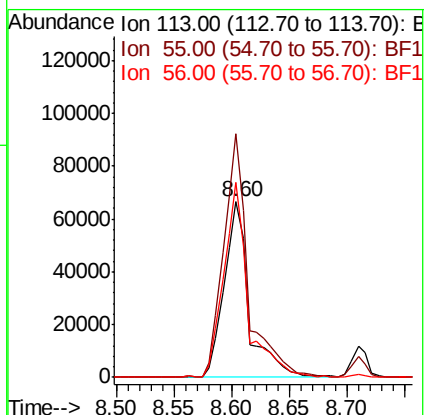
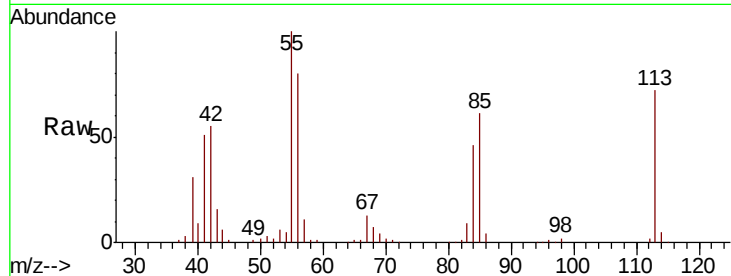




#35
Caprolactam
Concen: 38.652 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

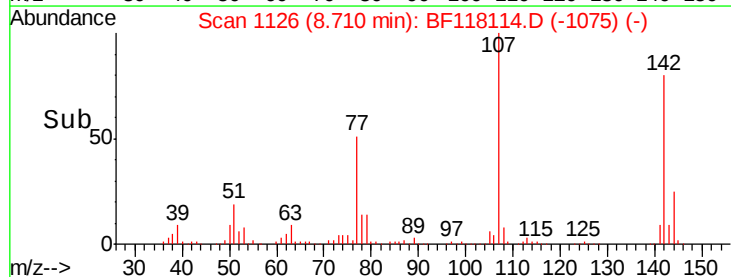
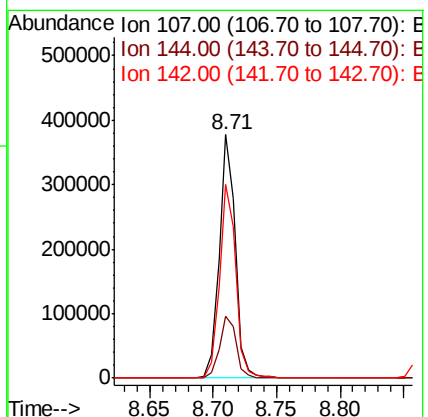
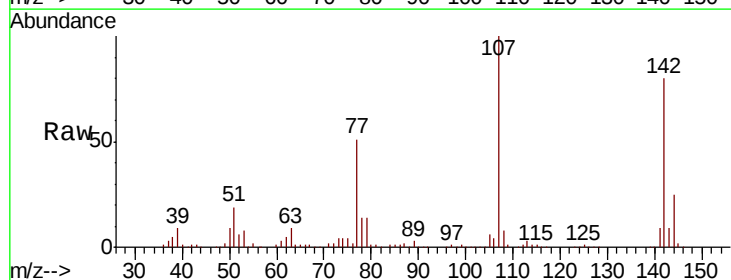
Instrument :
BNA_F
ClientSampleId :

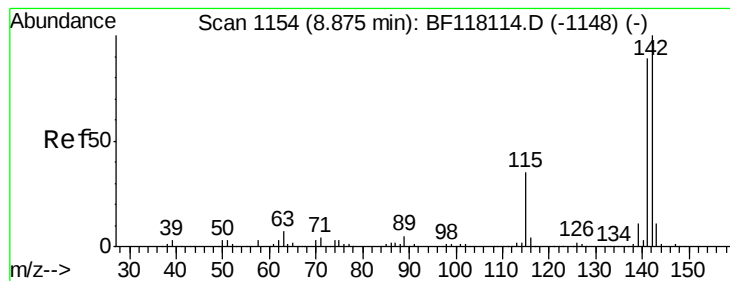
Tot Ion:113 Resp: 99080
Ion Ratio Lower Upper
113 100
55 138.9 118.9 158.9
56 111.4 91.4 131.4



#36
4-Chloro-3-methylphenol
Concen: 41.137 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:107 Resp: 336730
Ion Ratio Lower Upper
107 100
144 25.4 20.3 30.5
142 79.6 63.7 95.5

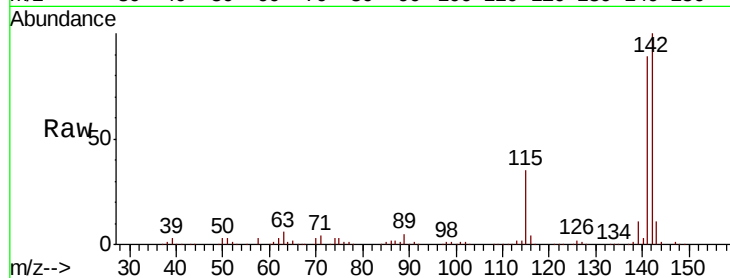




#37
2-Methylnaphthalene
Concen: 41.957 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	35.3	28.2	42.4

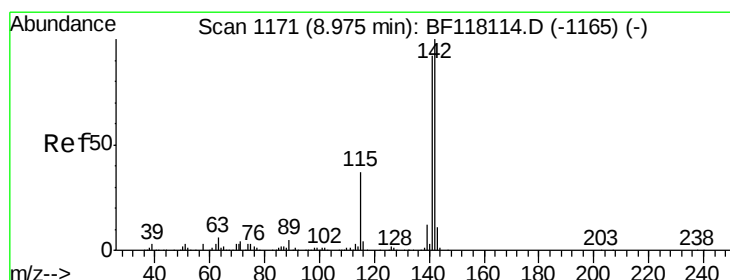
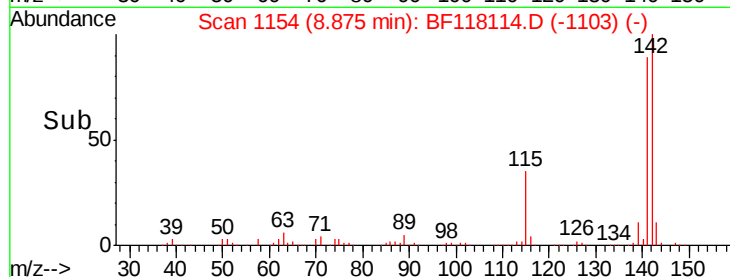
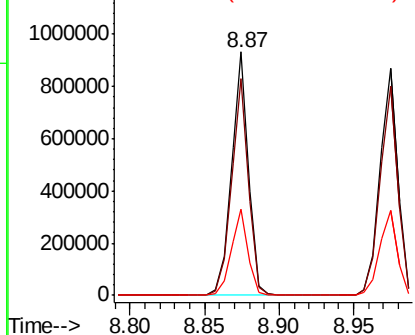


Abundance

Ion 142.00 (141.70 to 142.70): E

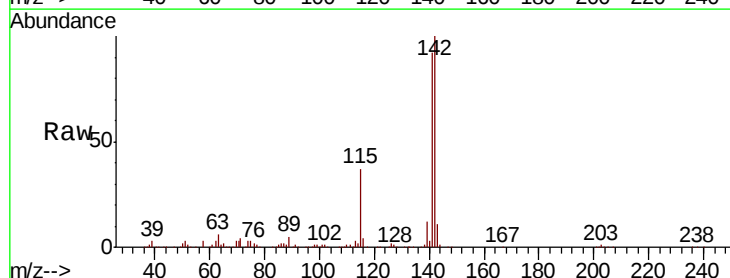
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.906 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.0	111.0
116	4.0	3.2	4.8

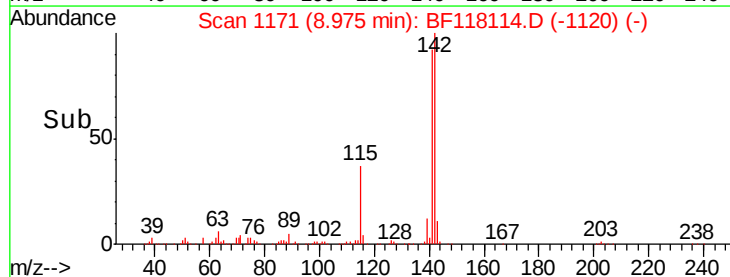
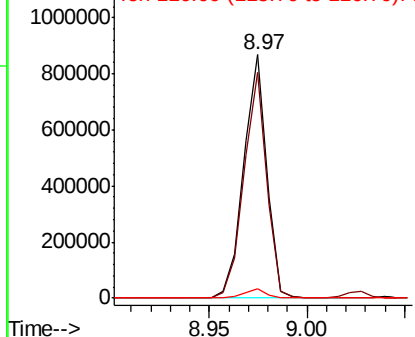


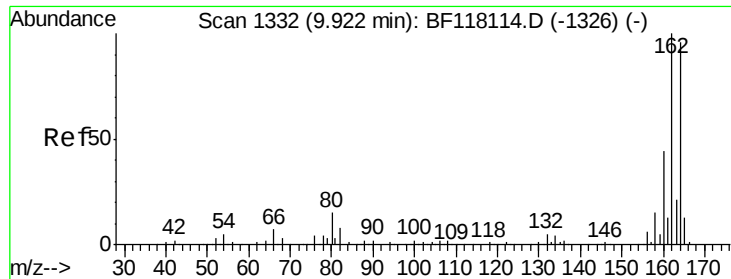
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

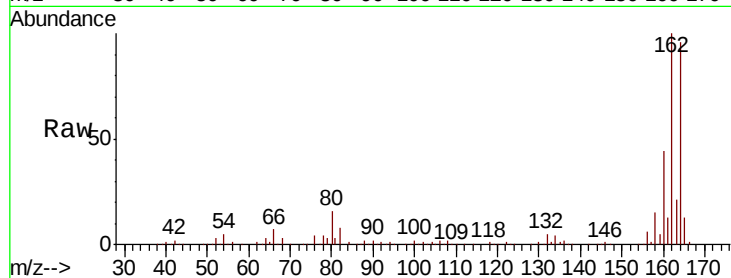
Tot Ion:164 Resp: 301244

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

160 45.7 36.6 54.8

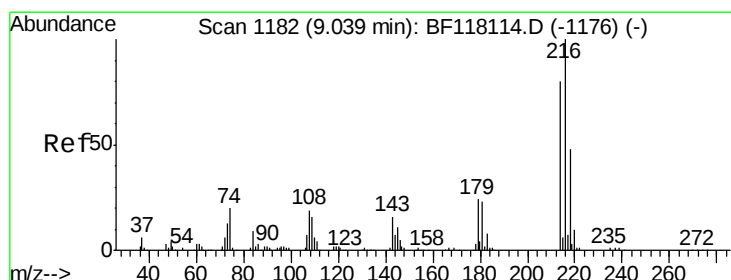
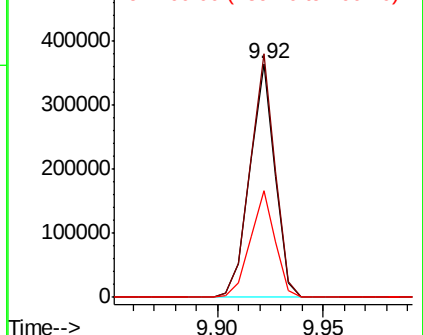
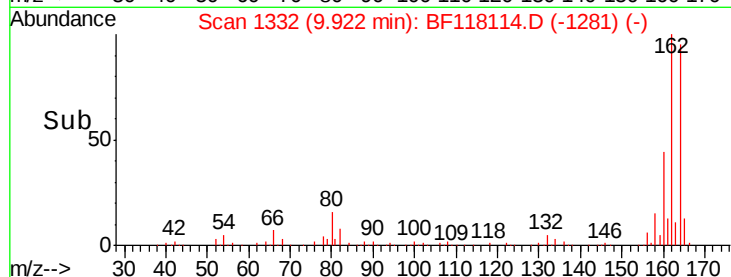


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.736 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Tgt Ion:216 Resp: 356376

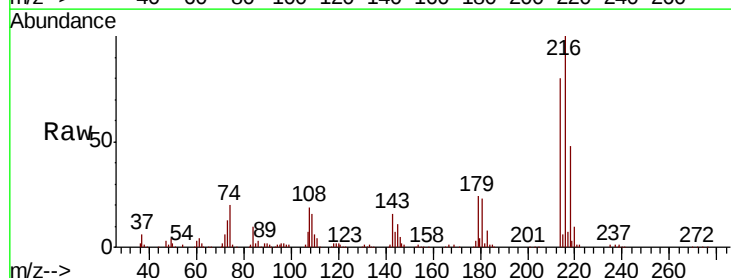
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 23.2 18.6 27.8

108 19.2 15.4 23.0



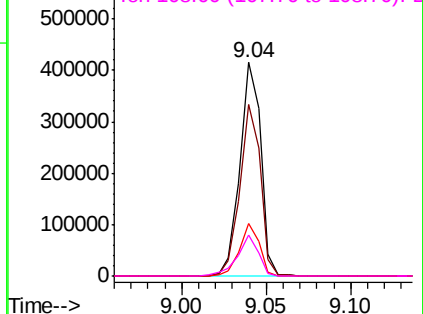
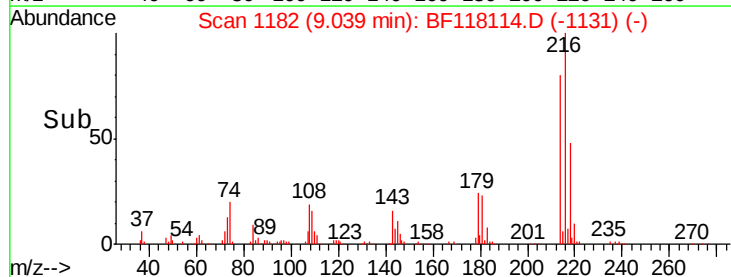
Abundance

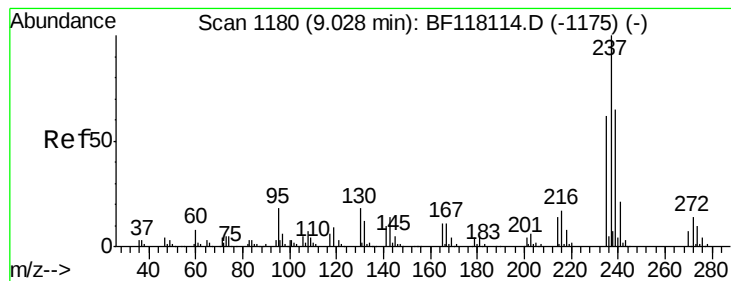
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.069 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

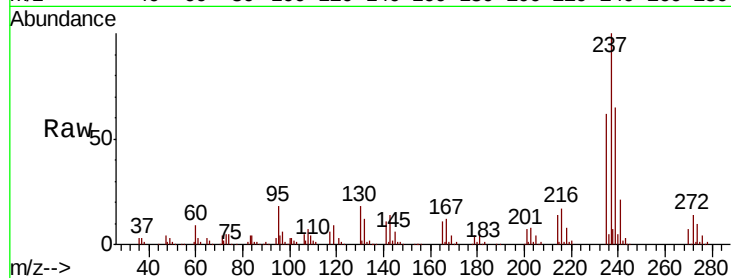
Tot Ion:237 Resp: 162124

Ion Ratio Lower Upper

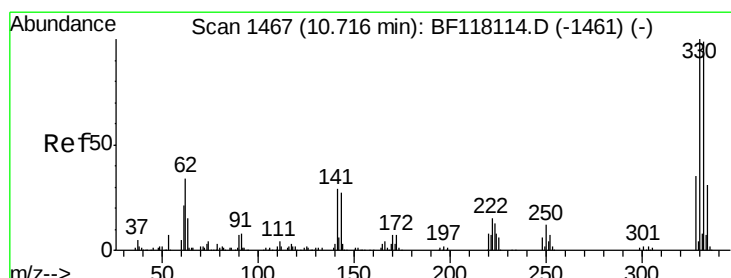
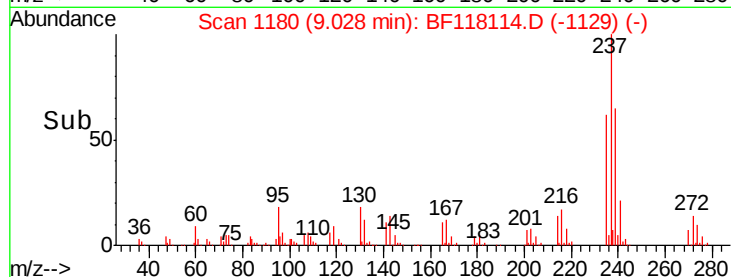
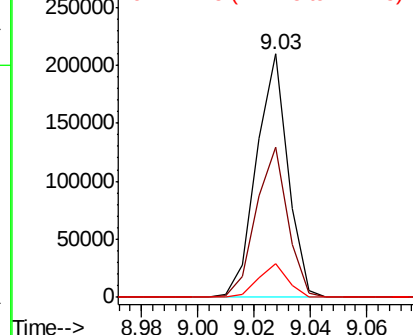
237 100

235 61.5 41.5 81.5

272 13.7 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 88.972 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

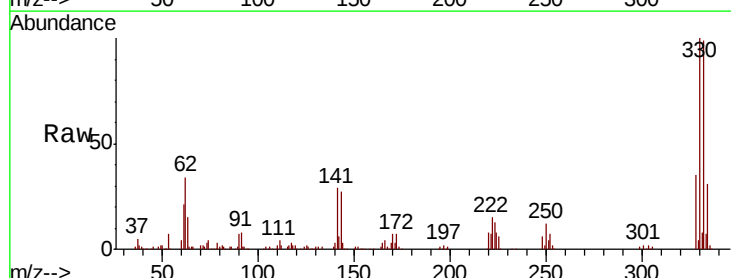
Tgt Ion:330 Resp: 283752

Ion Ratio Lower Upper

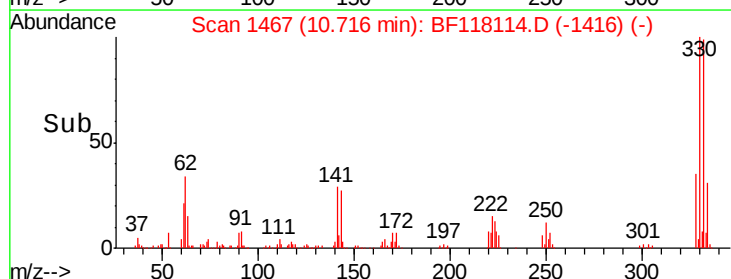
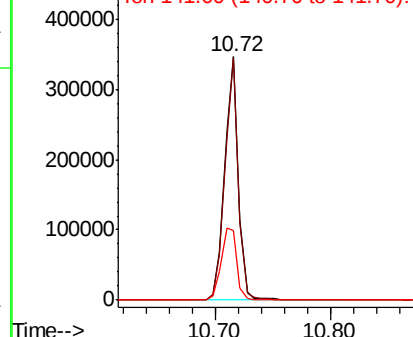
330 100

332 97.6 78.1 117.1

141 33.6 26.9 40.3



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

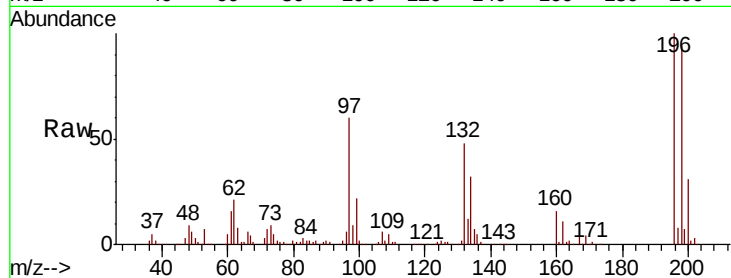




#43
 2,4,6-Trichlorophenol
 Concen: 38.327 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	240160
Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.0	112.4
200	30.6	24.5	36.7

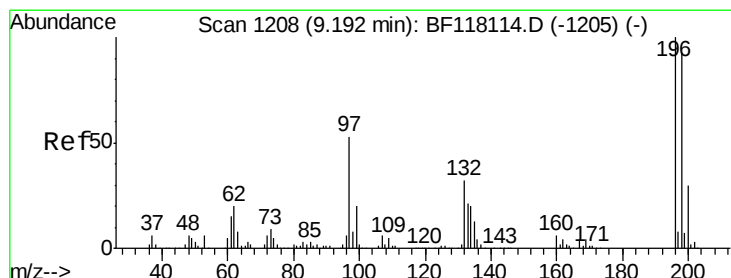
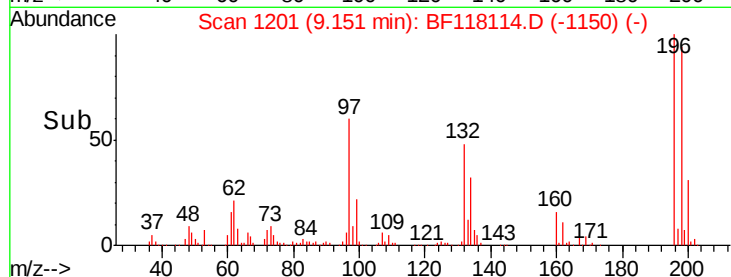
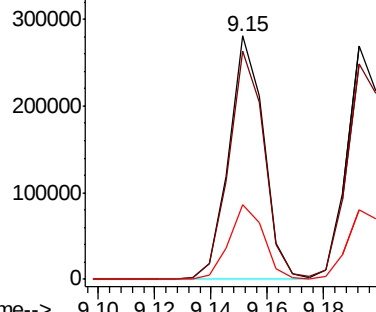


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.592 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion	196	Resp	244573
Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
97	53.1	42.5	63.7
132	31.8	25.4	38.2

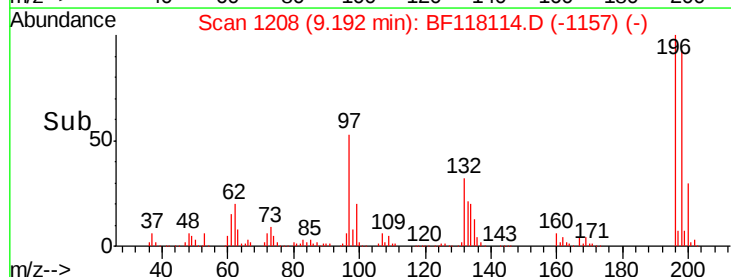
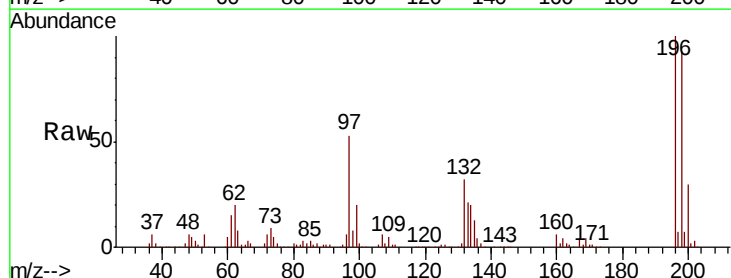
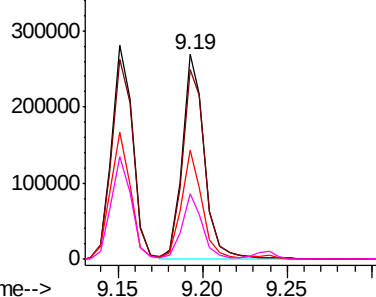
Abundance

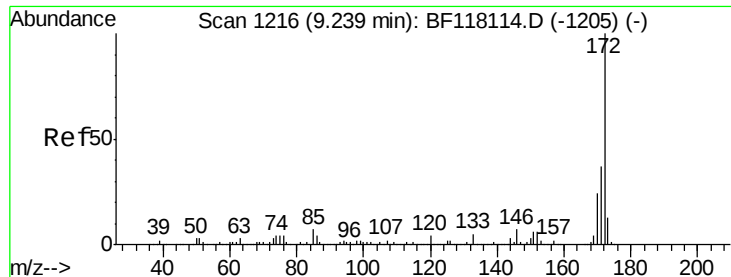
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

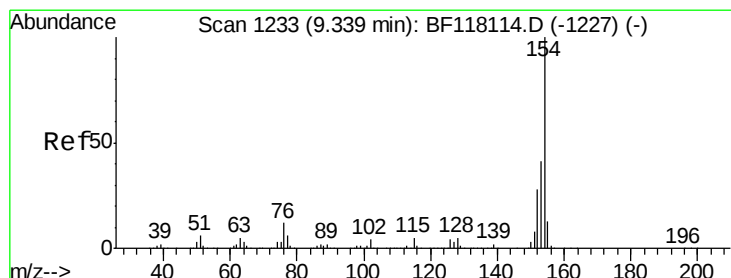
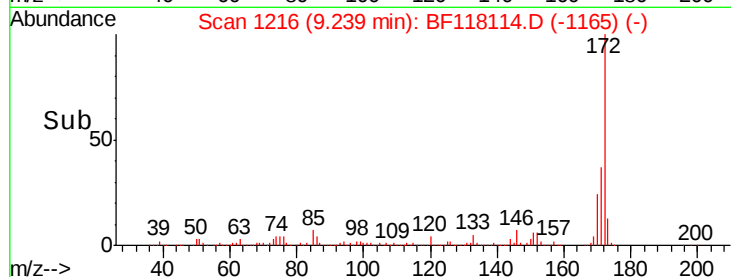
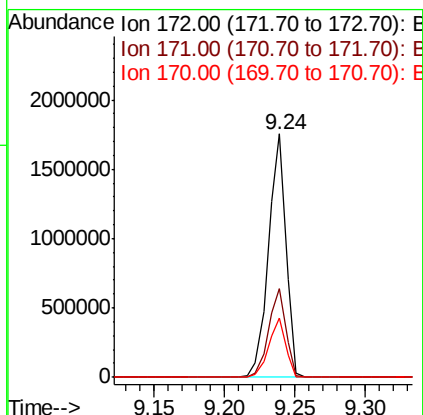
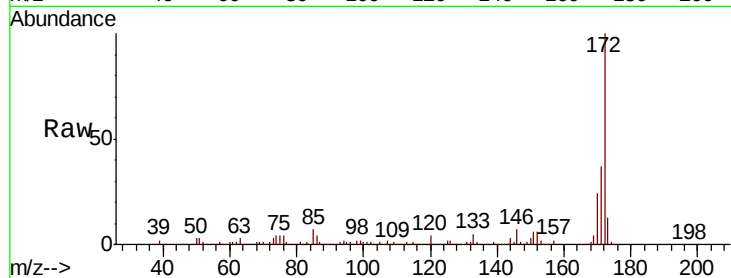




#45
2-Fluorobiphenyl
Concen: 91.574 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

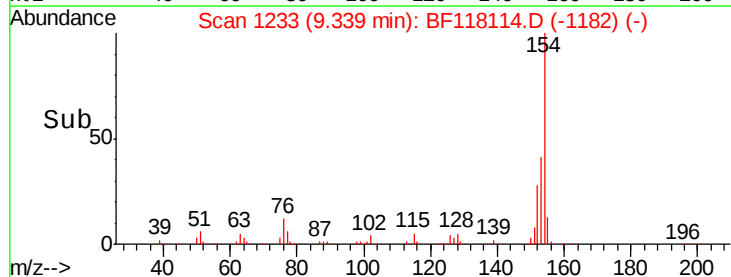
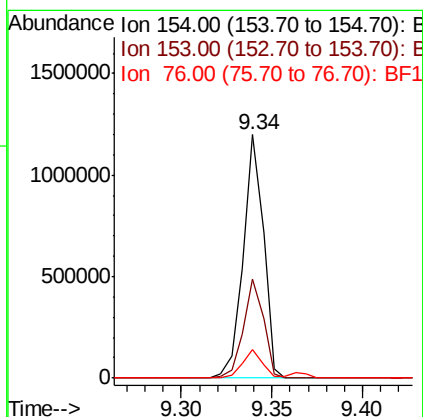
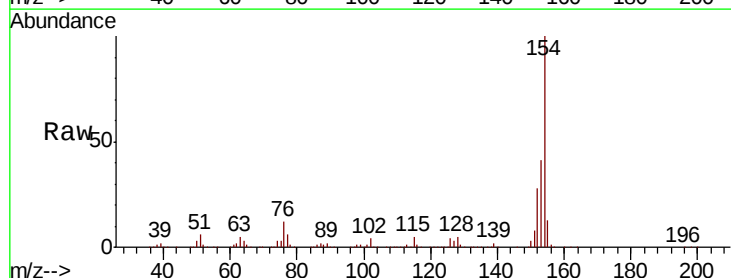
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1537661
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.3 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.653 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:154 Resp: 930931
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 11.9 0.0 31.9

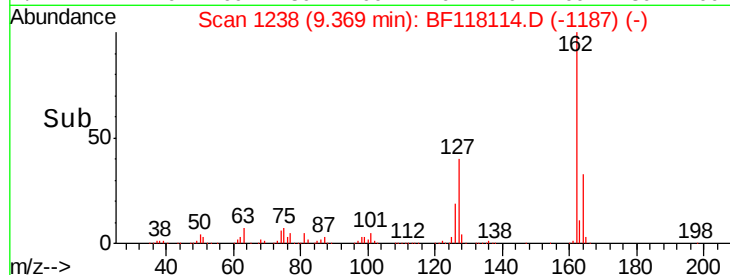
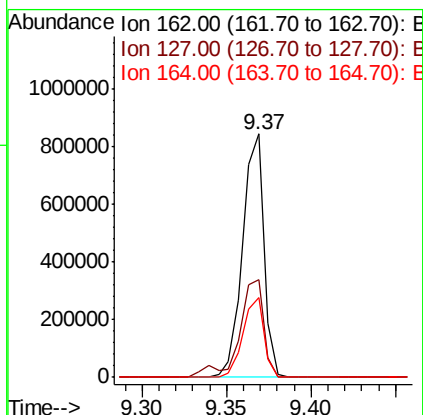
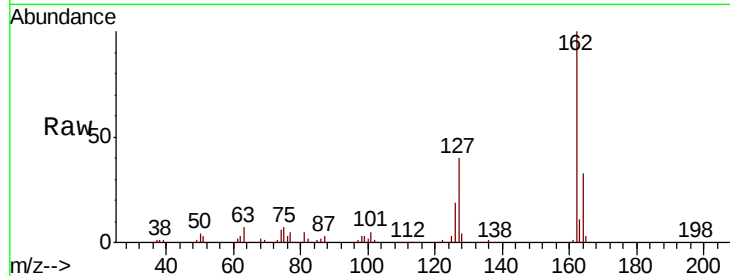




#47
 2-Chloronaphthalene
 Concen: 40.651 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

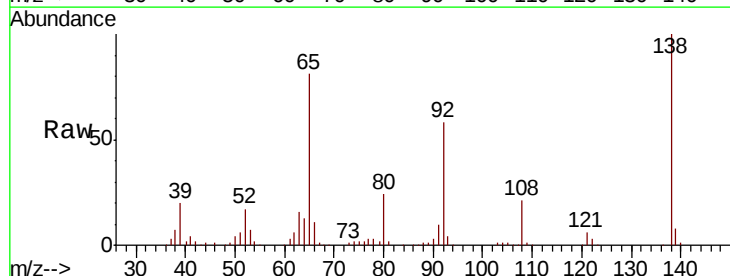
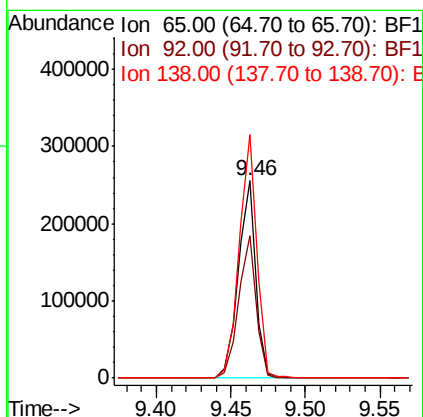
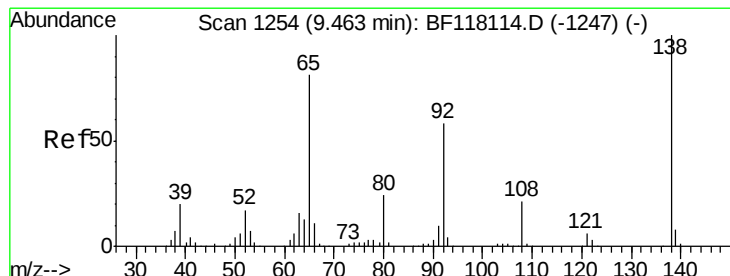
Instrument :
 BNA_F
 ClientSampled :

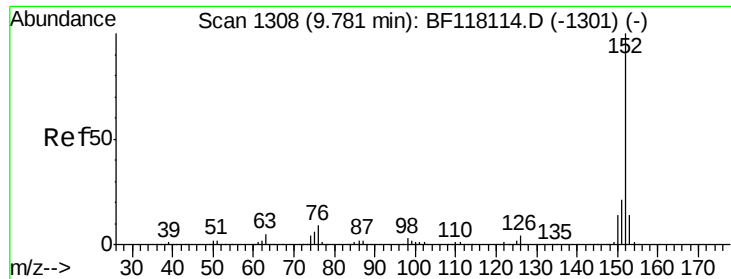
Tot Ion: 162 Resp: 747401
 Ion Ratio Lower Upper
 162 100
 127 40.0 32.0 48.0
 164 32.6 26.1 39.1



#48
 2-Nitroaniline
 Concen: 37.747 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion: 65 Resp: 209528
 Ion Ratio Lower Upper
 65 100
 92 72.2 57.8 86.6
 138 123.5 98.8 148.2





#49

Acenaphthylene

Concen: 41.244 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

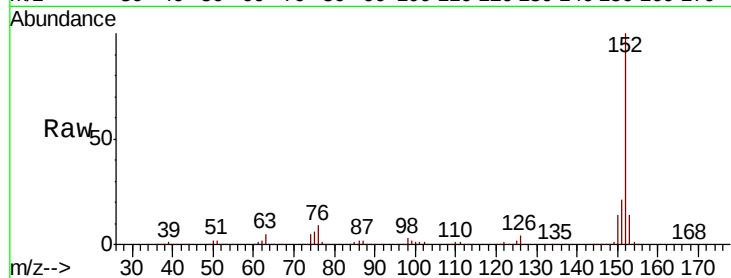
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1105577

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.5	10.8	16.2

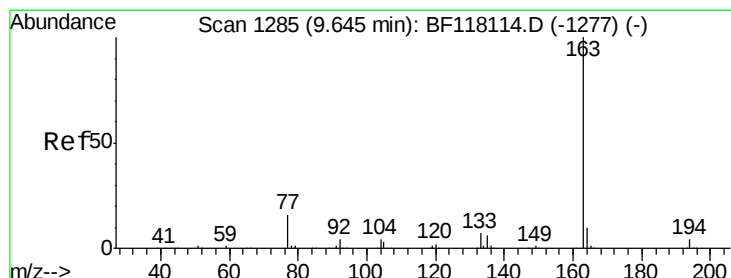
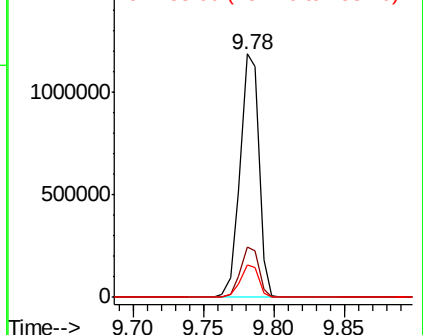
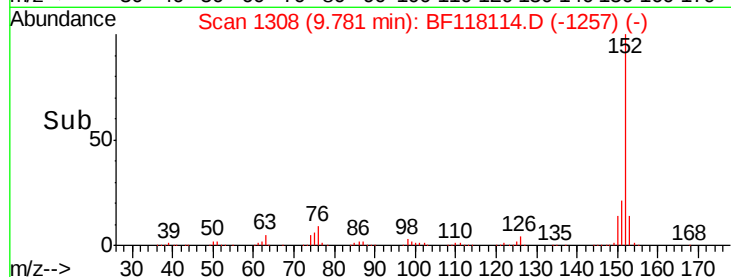


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.670 ng

RT: 9.65 min Scan# 1285

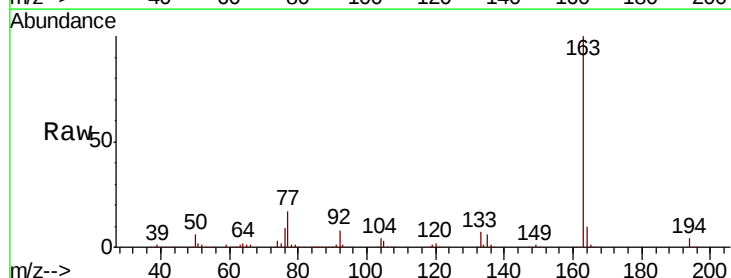
Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Tgt Ion:163 Resp: 859139

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.6	7.7	11.5

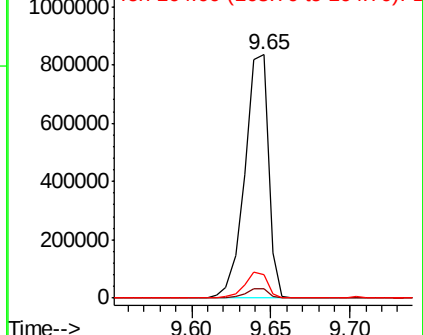
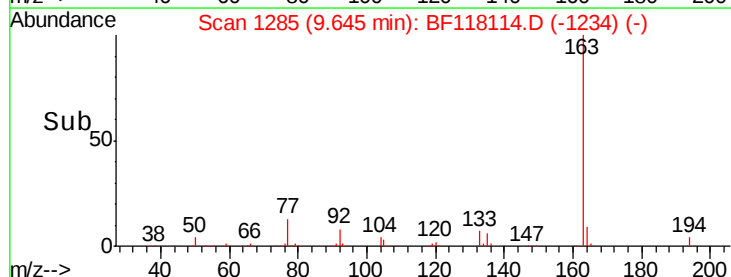


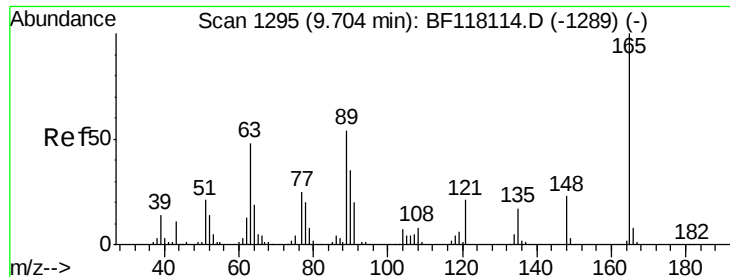
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.308 ng

RT: 9.70 min Scan# 1295

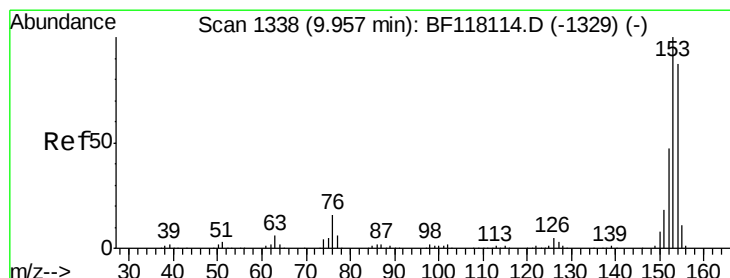
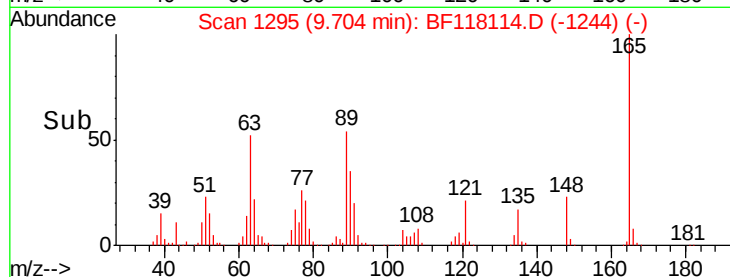
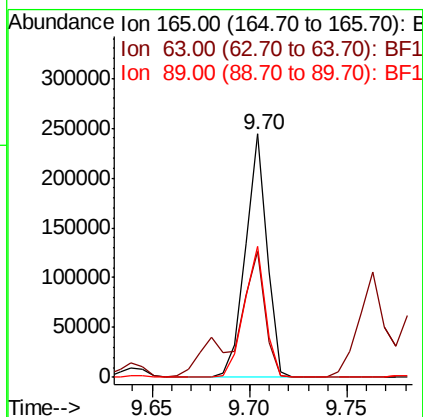
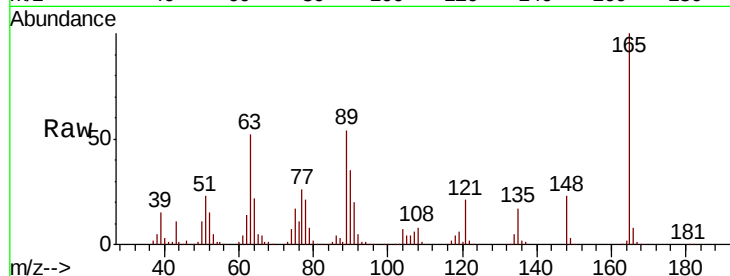
Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	186096
Ion Ratio	Lower	Upper
165	100	
63	51.7	41.4 62.0
89	53.6	42.9 64.3



#52

Acenaphthene

Concen: 38.790 ng

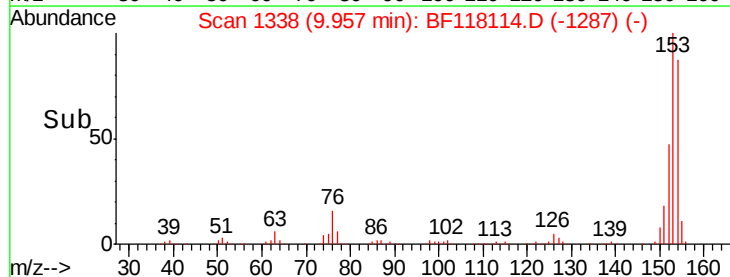
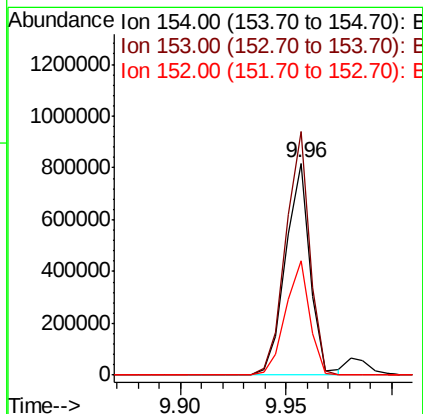
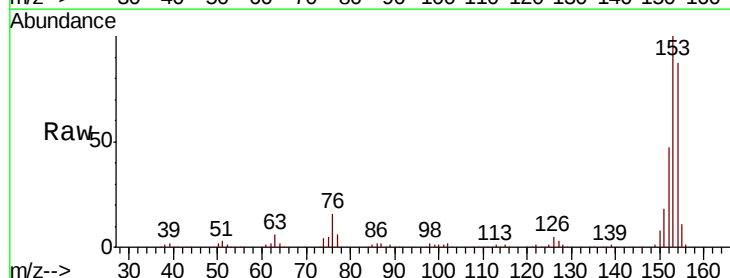
RT: 9.96 min Scan# 1338

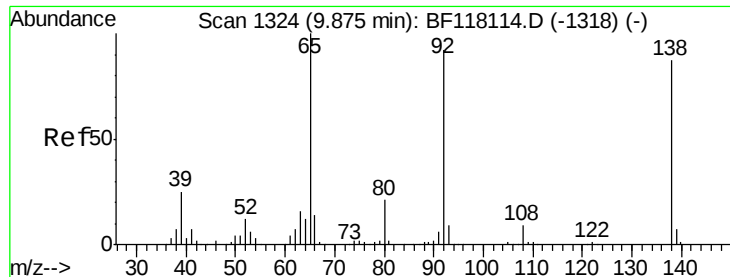
Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Tgt Ion:154	Resp:	666084
Ion Ratio	Lower	Upper
154	100	
153	114.7	91.8 137.6
152	54.1	43.3 64.9

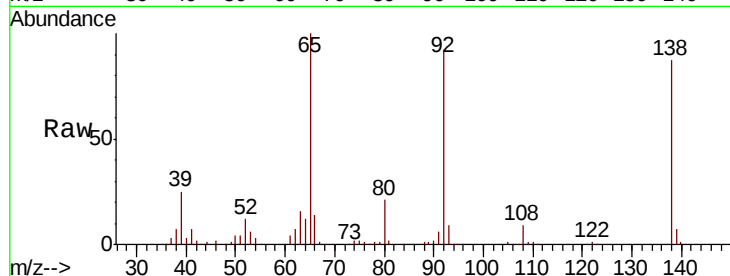




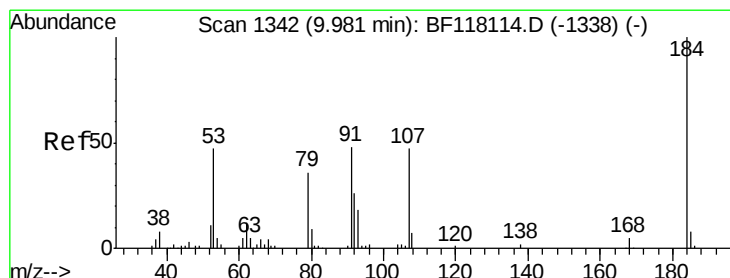
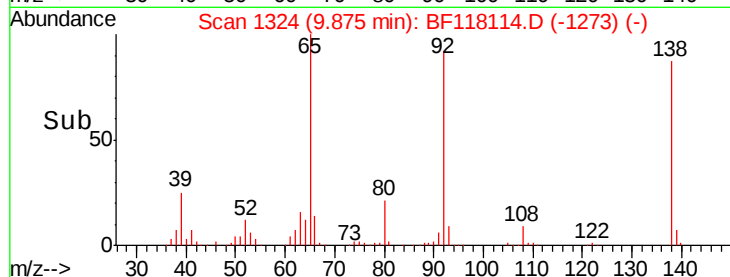
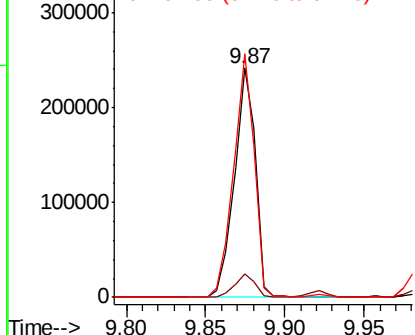
#53
3-Nitroaniline
Concen: 40.355 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 222937
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 106.1 84.9 127.3

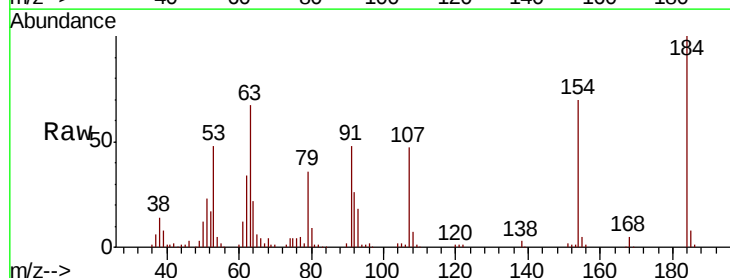


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

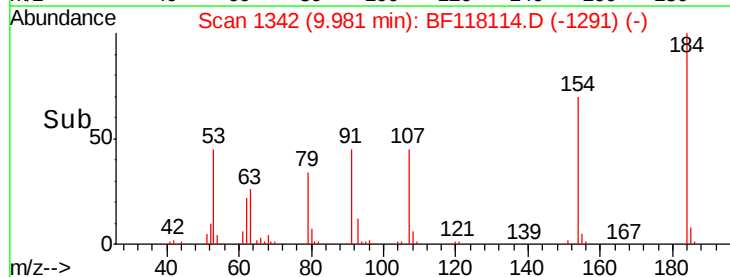
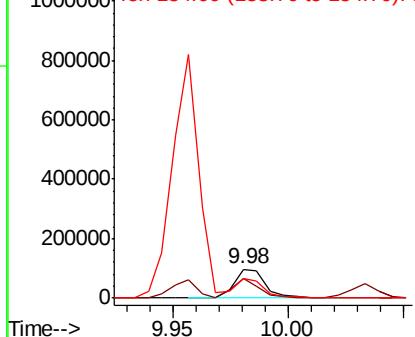


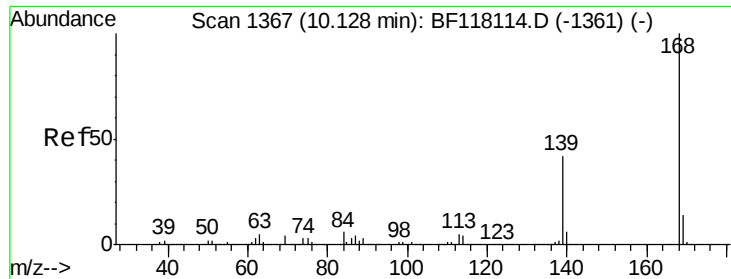
#54
2,4-Dinitrophenol
Concen: 45.050 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:184 Resp: 92333
Ion Ratio Lower Upper
184 100
63 67.4 53.9 80.9
154 70.4 56.3 84.5



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

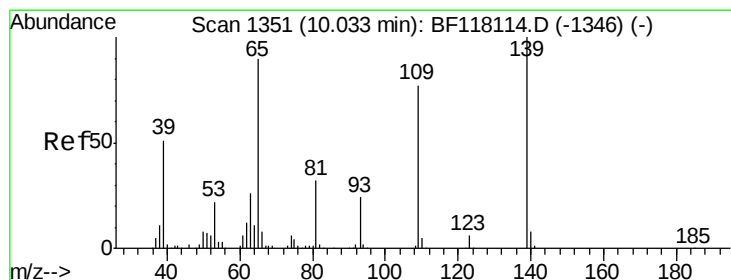
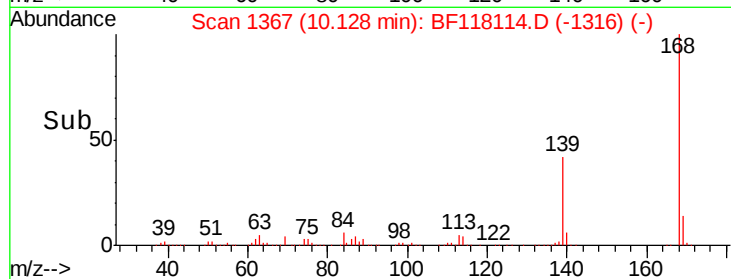
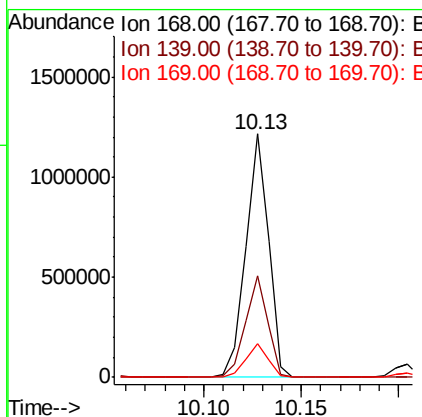
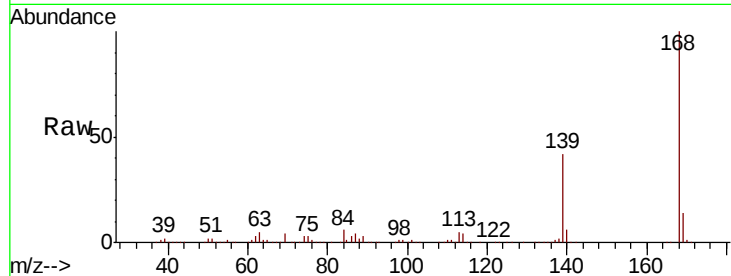




#55
Dibenzenofuran
Concen: 41.189 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

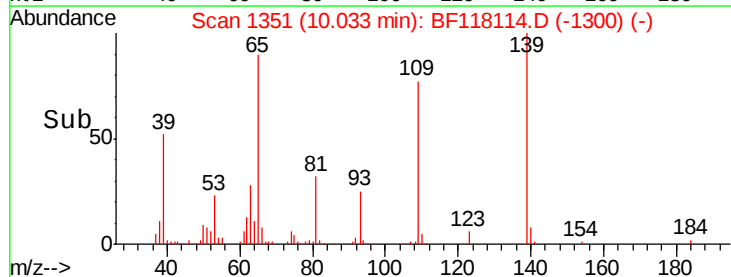
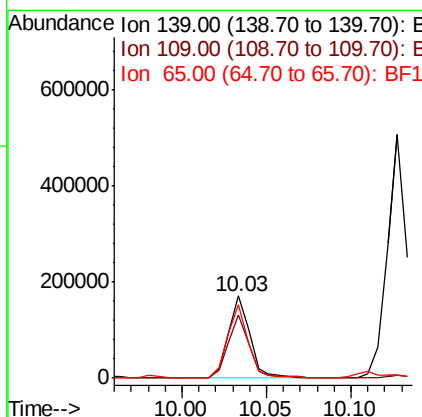
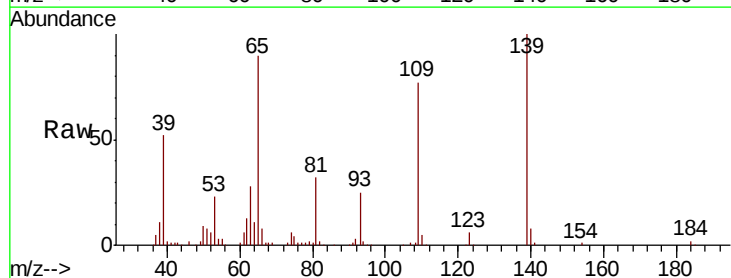
Instrument :
BNA_F
ClientSampleId :

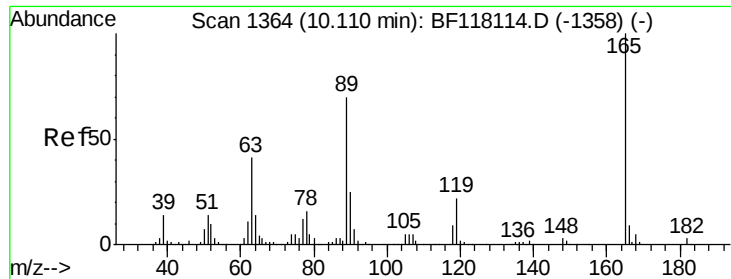
Tot Ion:168 Resp: 979417
Ion Ratio Lower Upper
168 100
139 41.7 33.4 50.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 36.945 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:139 Resp: 152345
Ion Ratio Lower Upper
139 100
109 77.3 57.3 97.3
65 90.2 70.2 110.2

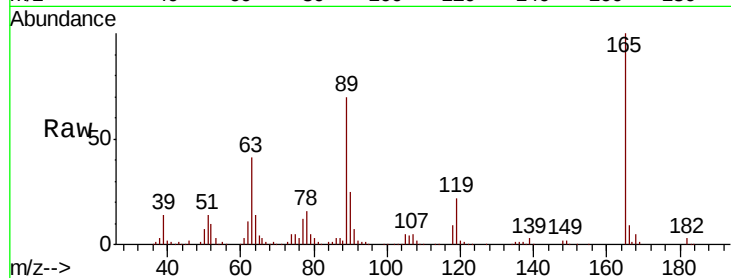




#57
2,4-Dinitrotoluene
Concen: 42.855 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	32.6	49.0
89	70.1	56.1	84.1
182	2.6	2.1	3.1



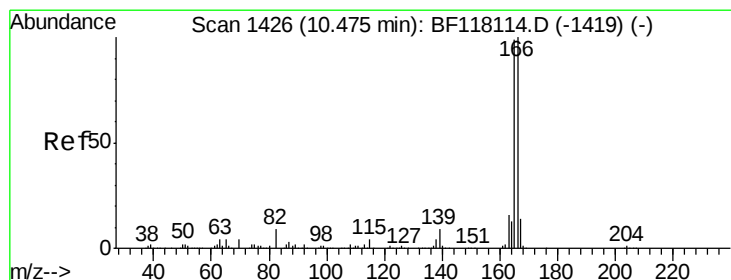
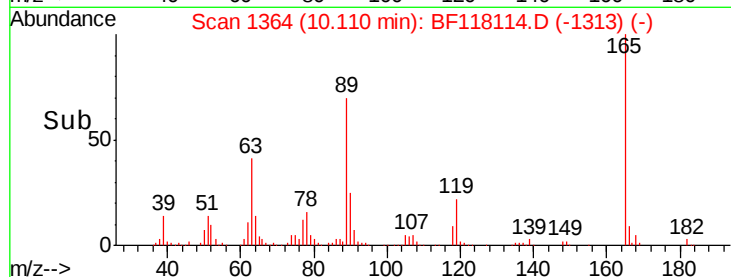
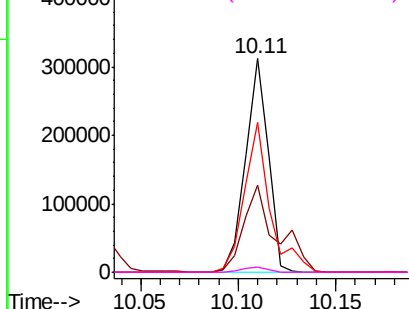
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

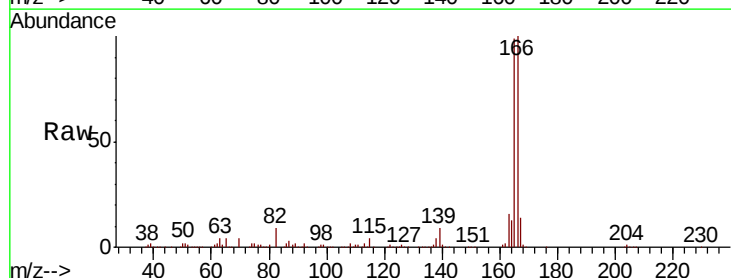
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.488 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.6	10.9	16.3

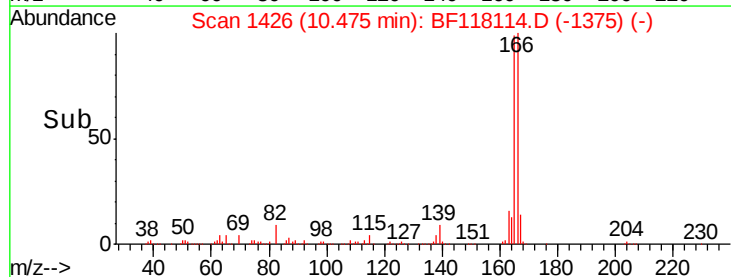
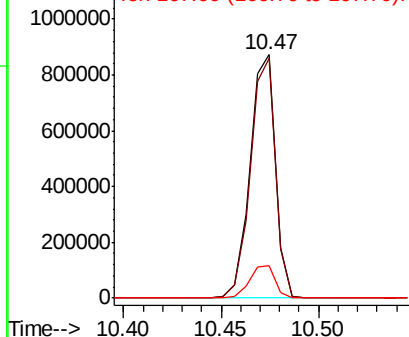


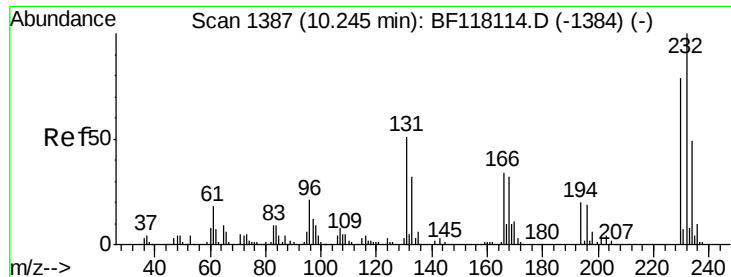
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

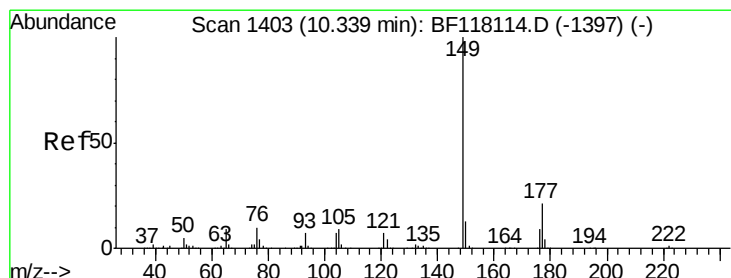
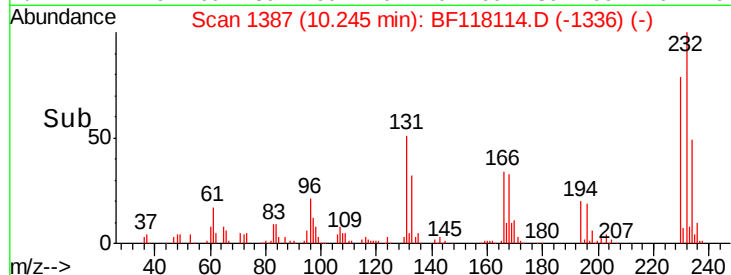
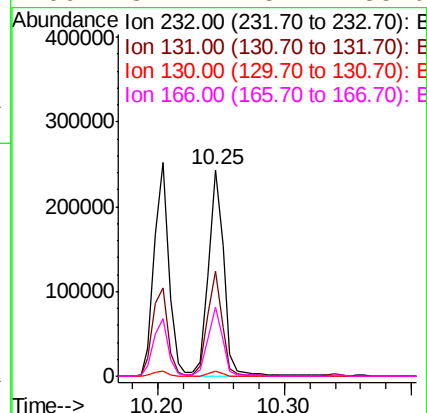
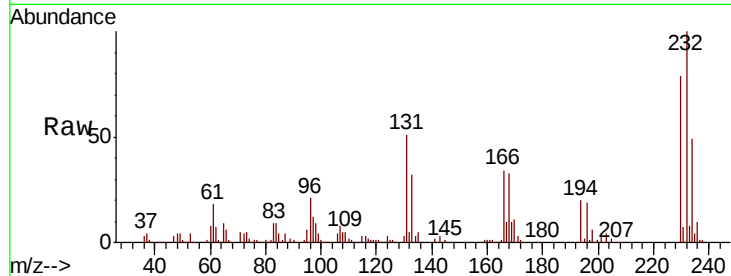




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.102 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

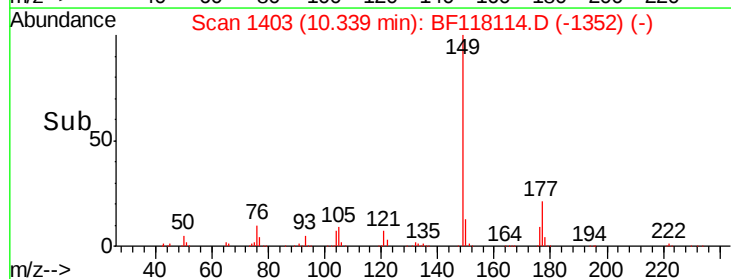
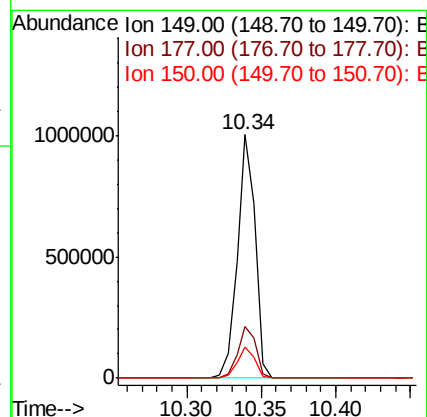
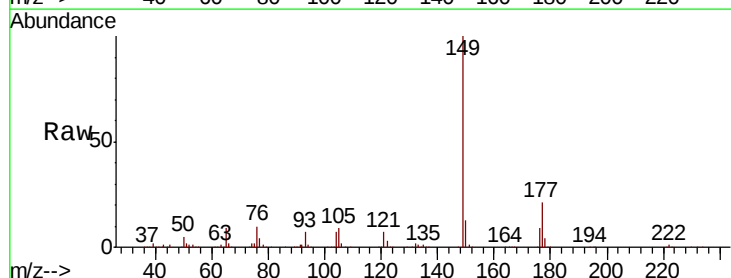
Instrument :
 BNA_F
 ClientSampleId :

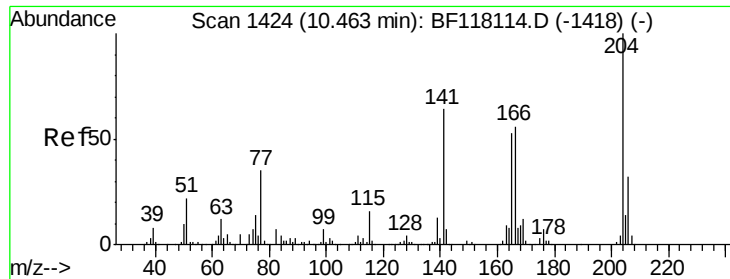
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	38.8	58.2
130	2.4	1.9	2.9
166	31.7	25.4	38.0



#60
 Diethylphthalate
 Concen: 41.112 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.4
150	12.6	10.1	15.1

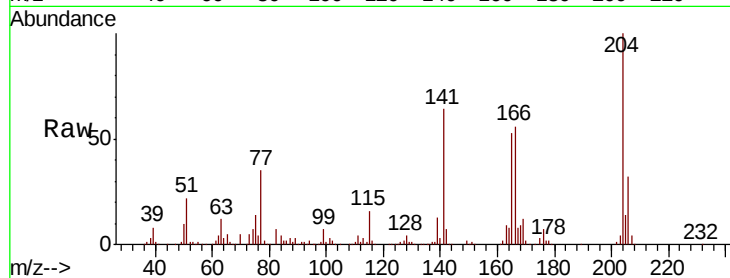




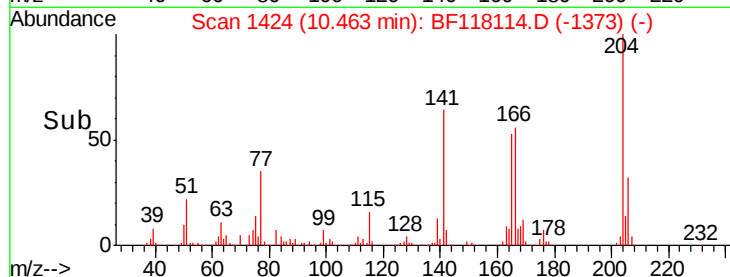
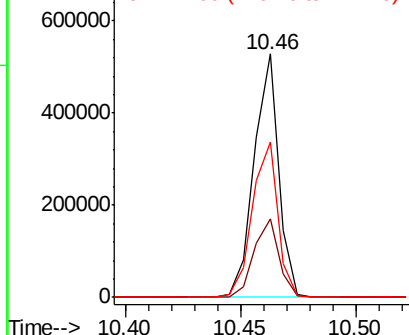
#61
4-Chlorophenyl-phenylether
Concen: 42.309 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 395646
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 63.8 51.0 76.6

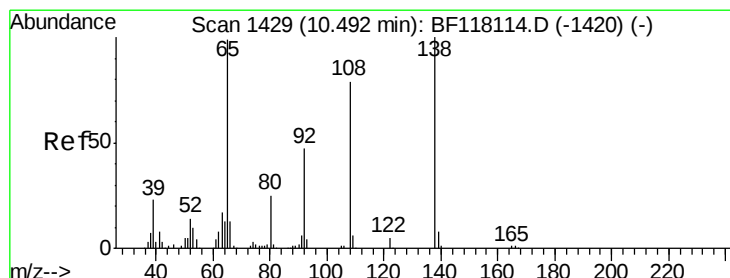


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

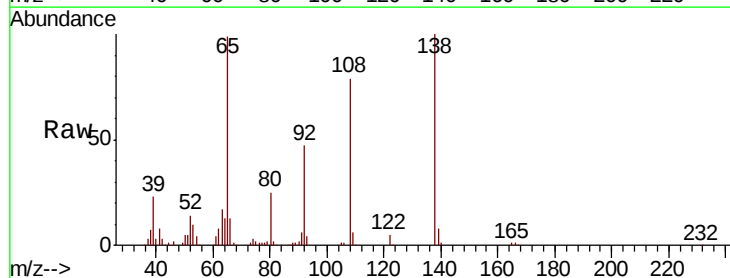
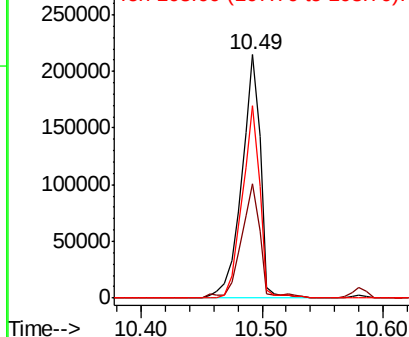


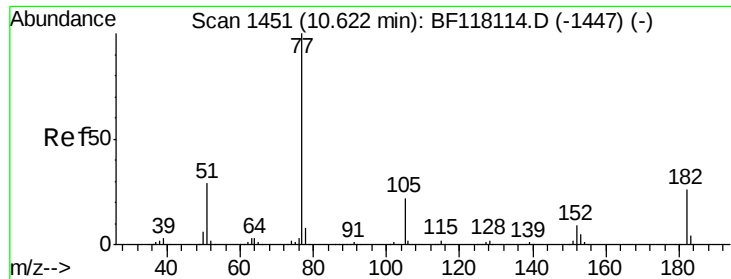
#62
4-Nitroaniline
Concen: 41.955 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:138 Resp: 232066
Ion Ratio Lower Upper
138 100
92 47.1 27.1 67.1
108 79.0 59.0 99.0



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





#63

Azobenzene

Concen: 38.696 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 725044

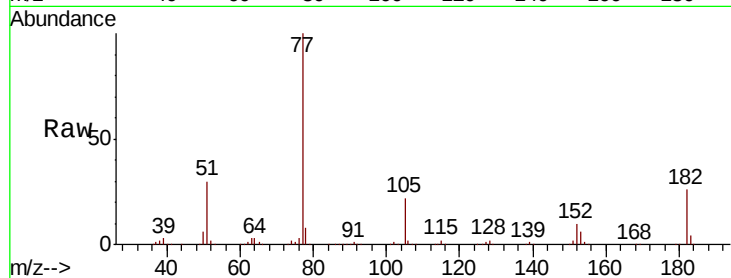
Ion Ratio Lower Upper

77 100

182 25.7 5.7 45.7

105 22.2 2.2 42.2

51 29.6 9.6 49.6

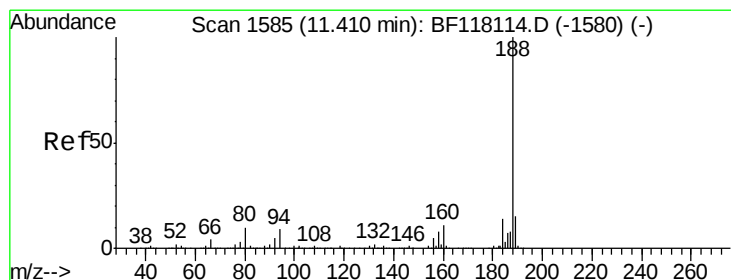
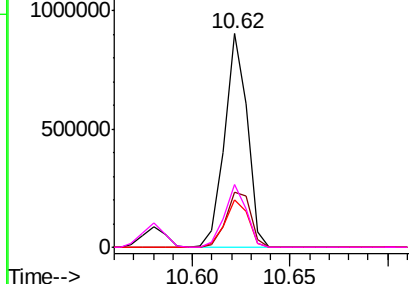
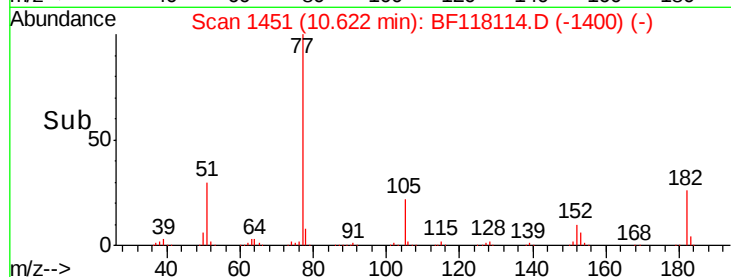


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

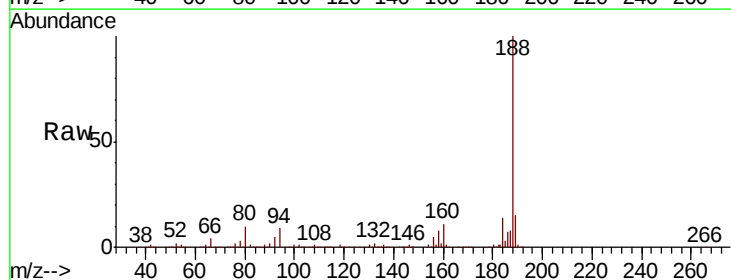
Tgt Ion: 188 Resp: 565948

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

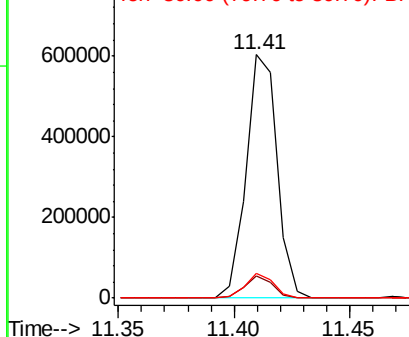
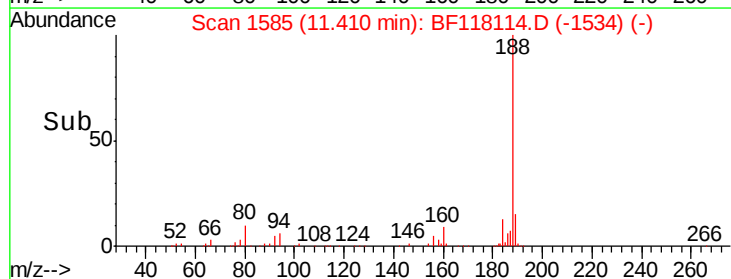
80 9.9 7.9 11.9

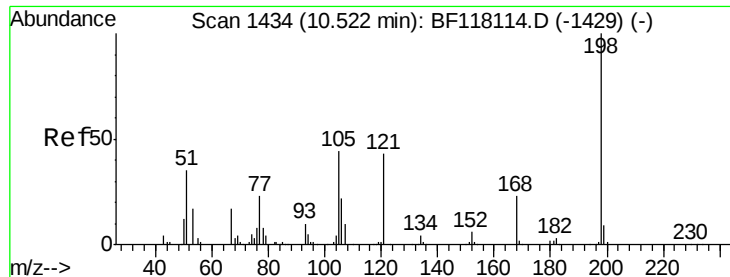


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

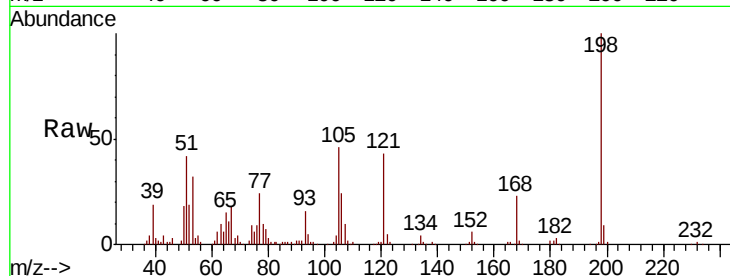




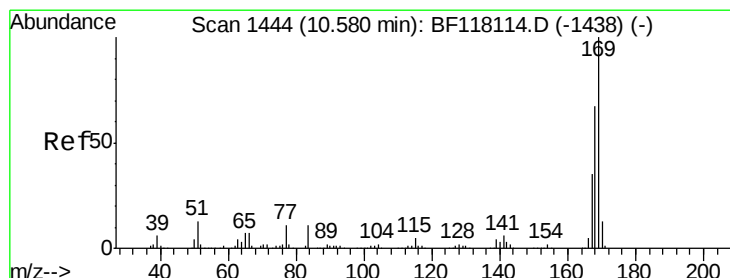
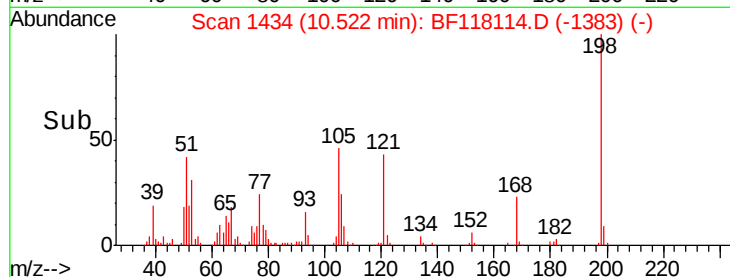
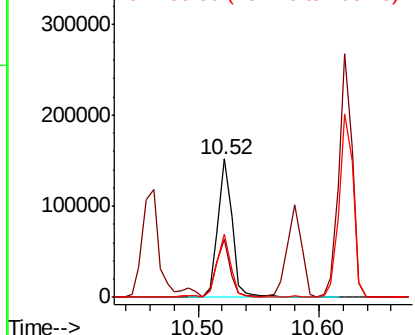
#65
4,6-Dinitro-2-methylphenol
Concen: 46.965 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 124084
Ion Ratio Lower Upper
198 100
51 42.0 22.0 62.0
105 45.6 25.6 65.6

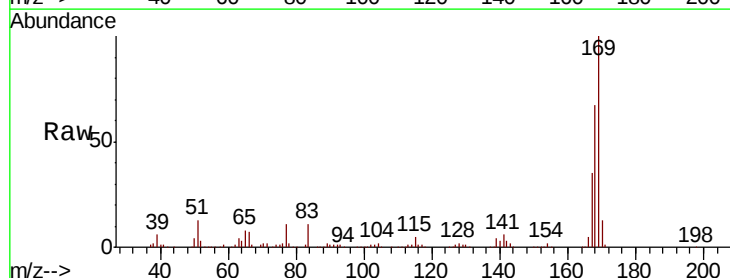


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

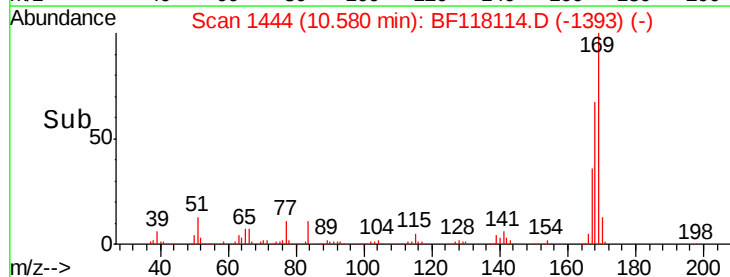
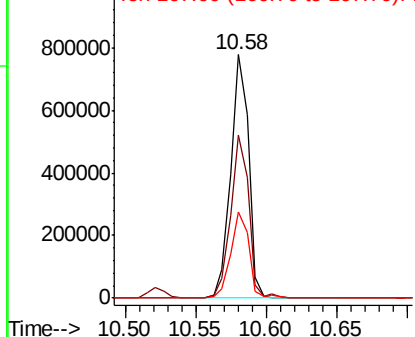


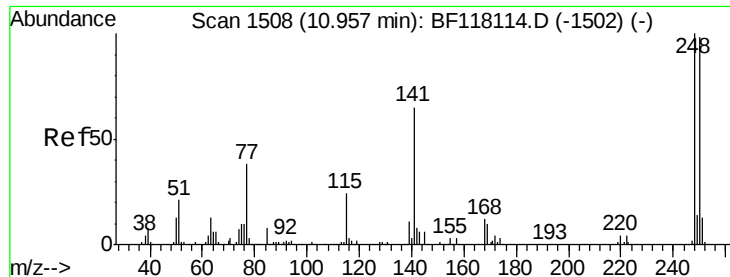
#66
n-Nitrosodiphenylamine
Concen: 41.538 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:169 Resp: 684162
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 35.5 28.4 42.6



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

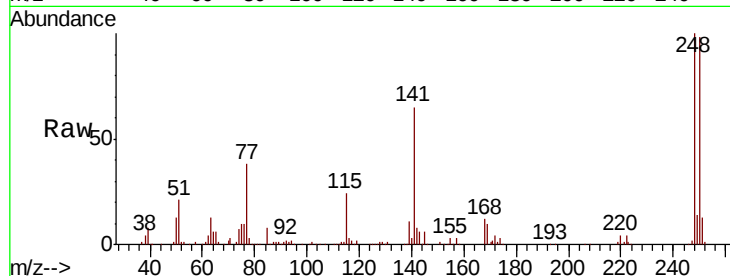




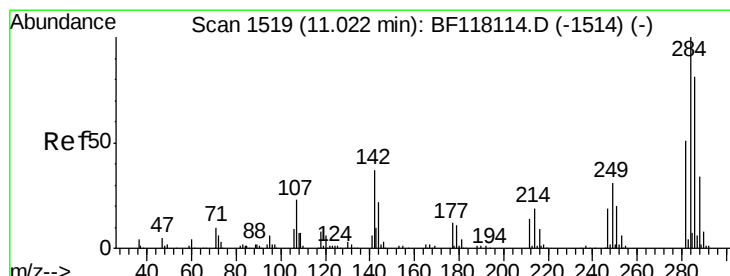
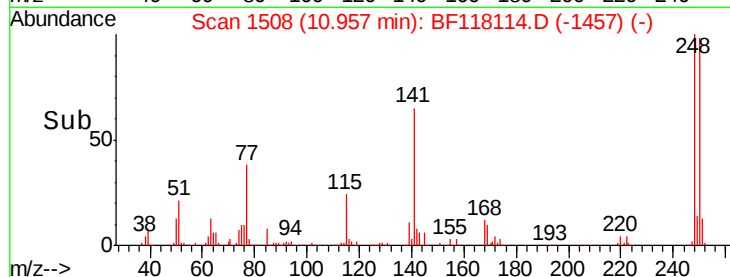
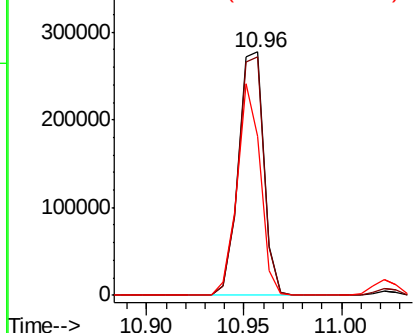
#67
4-Bromophenyl-phenylether
Concen: 41.176 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 251442
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 65.3 52.2 78.4

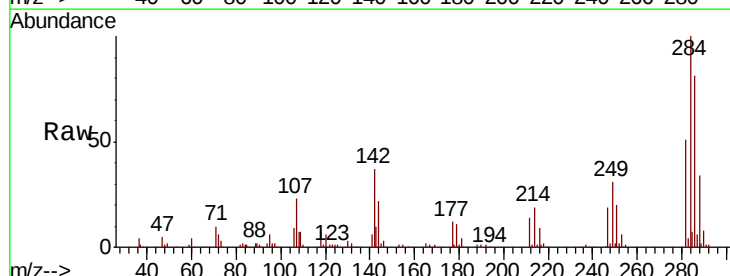


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

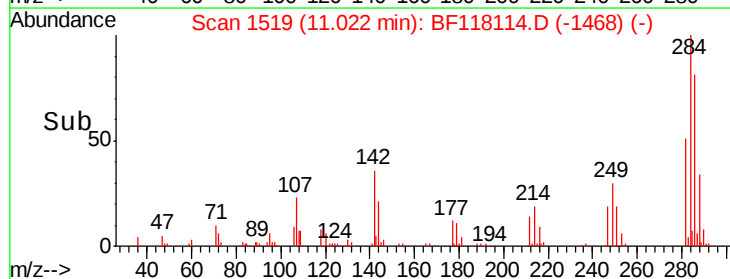
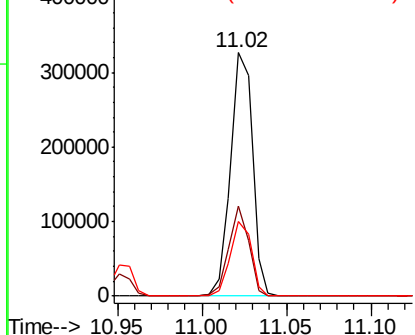


#68
Hexachlorobenzene
Concen: 41.424 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:284 Resp: 294957
Ion Ratio Lower Upper
284 100
142 37.1 29.7 44.5
249 30.8 24.6 37.0



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

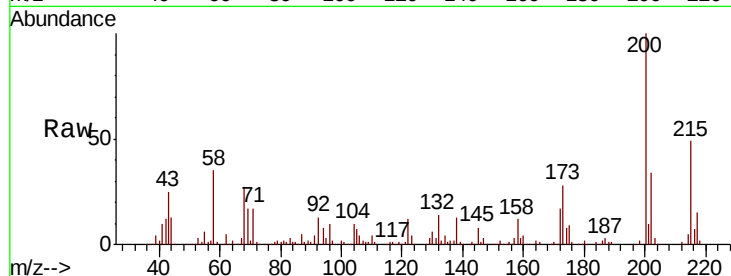




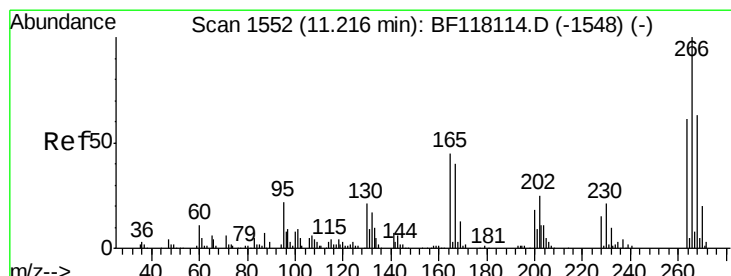
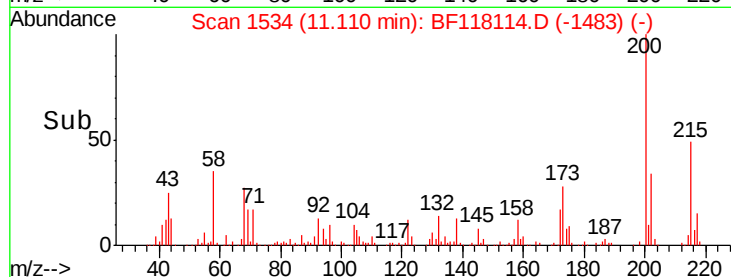
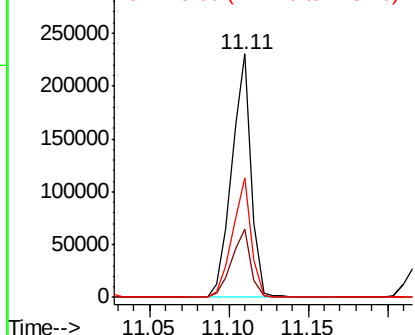
#69
Atrazine
Concen: 35.965 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 194859
Ion Ratio Lower Upper
200 100
173 28.1 8.1 48.1
215 49.0 29.0 69.0

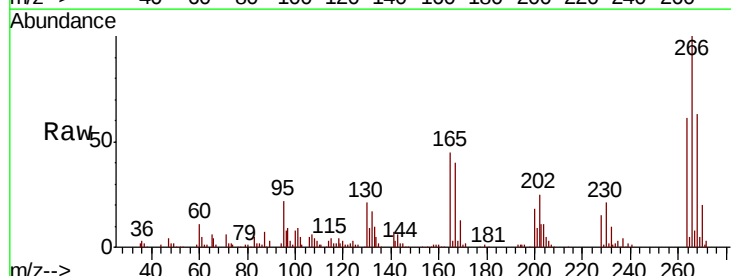


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

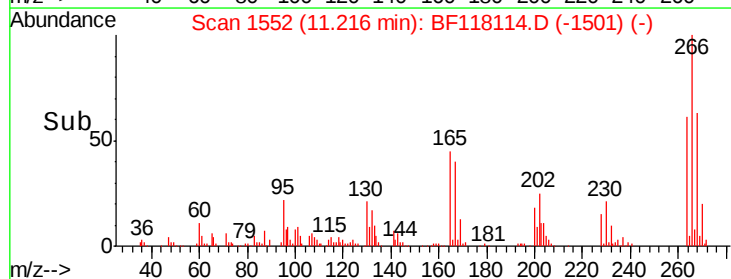
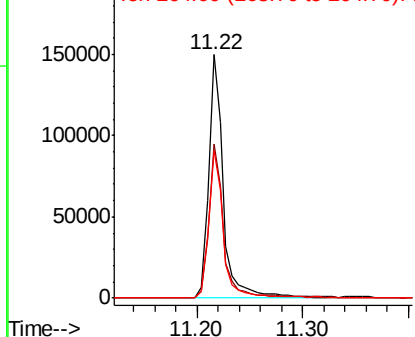


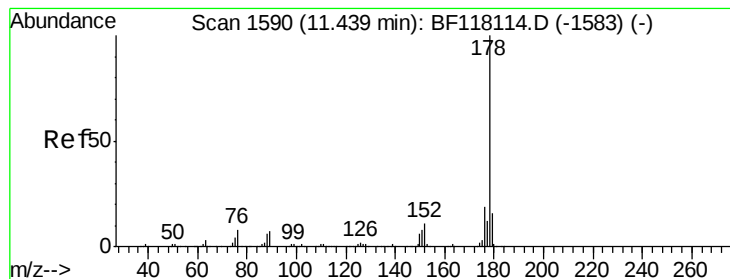
#70
Pentachlorophenol
Concen: 34.962 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:266 Resp: 145442
Ion Ratio Lower Upper
266 100
268 63.4 50.7 76.1
264 60.9 48.7 73.1



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: 41.340 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

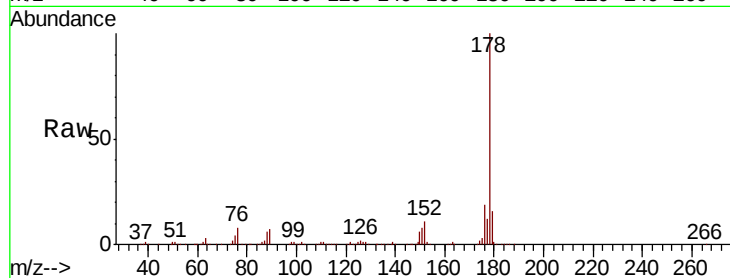
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1176297

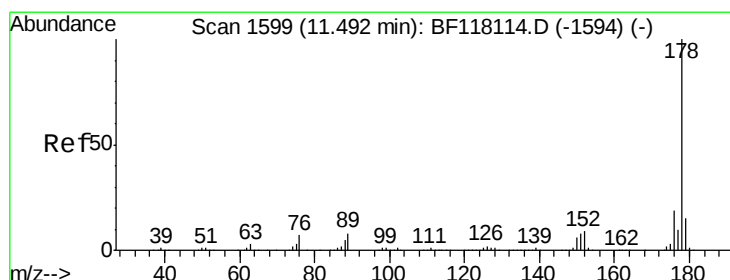
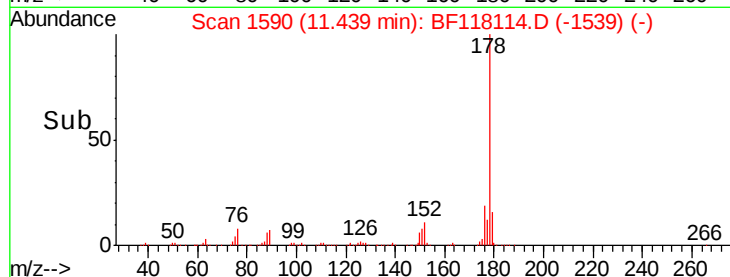
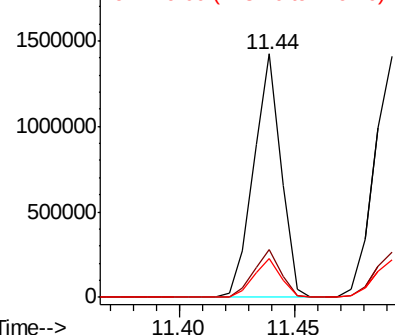
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.396 ng

RT: 11.49 min Scan# 1599

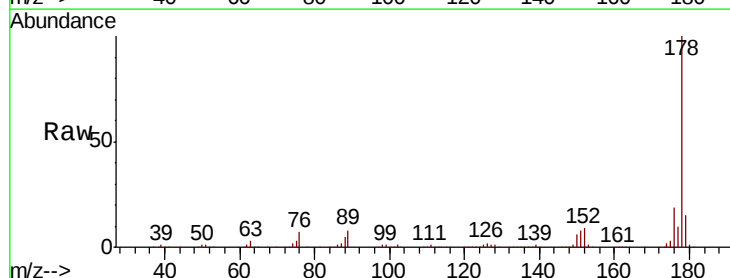
Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Tgt Ion:178 Resp: 1167840

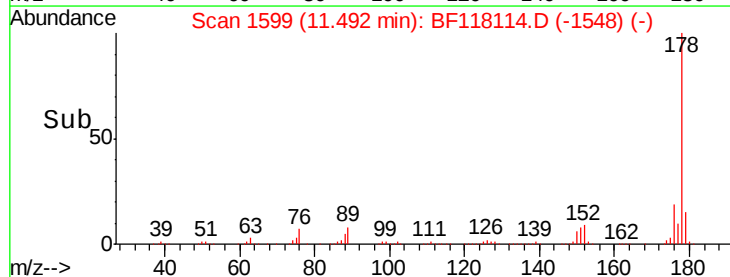
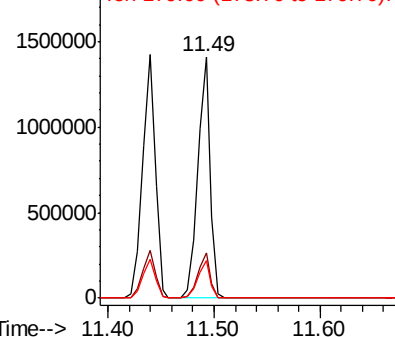
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



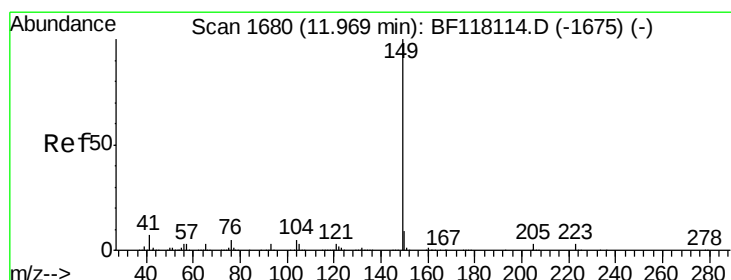
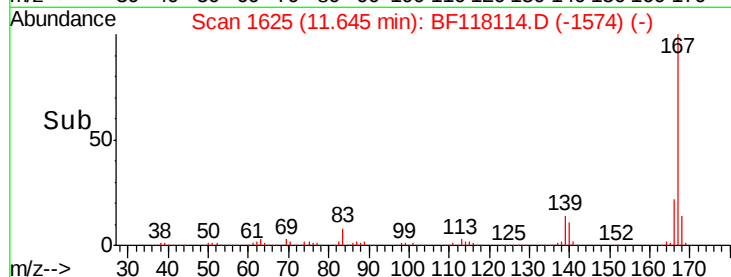
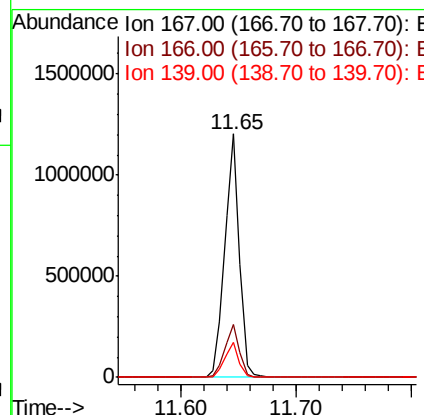
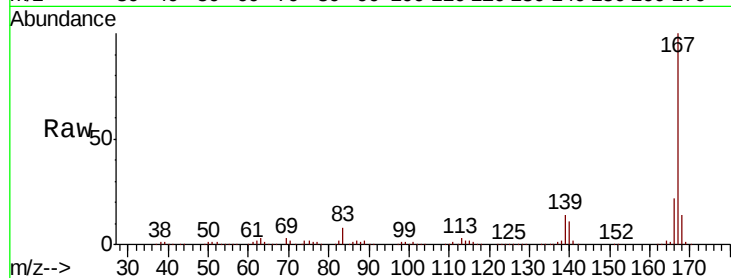


#73
 Carbazole
 Concen: 42.554 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1049075

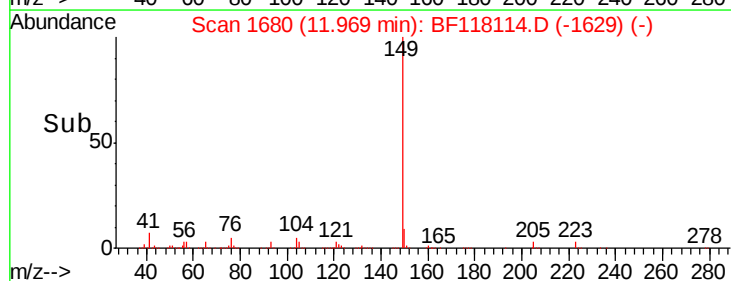
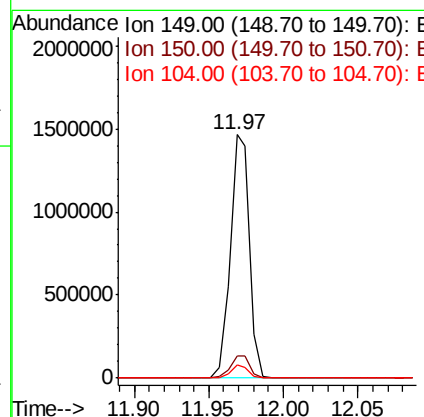
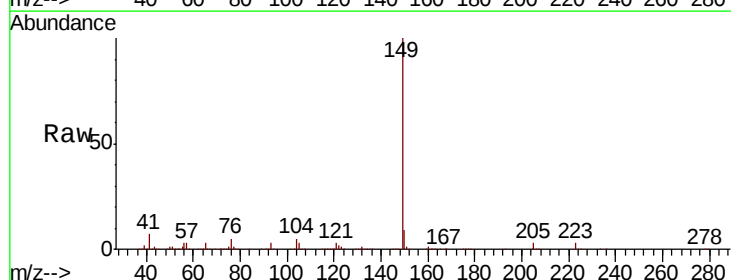
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	14.2	11.4	17.0

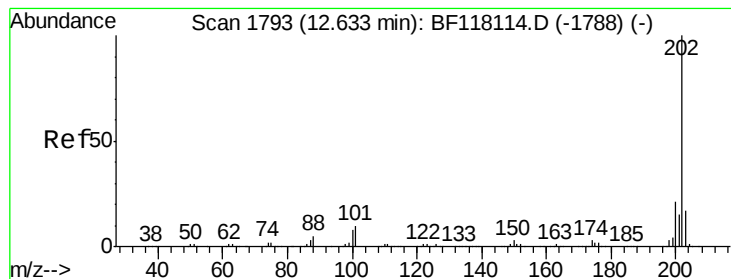


#74
 Di-n-butylphthalate
 Concen: 43.218 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion:149 Resp: 1326550

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 43.662 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

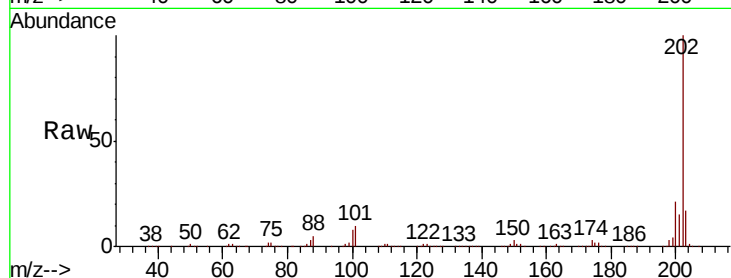
Tot Ion:202 Resp: 1201859

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.2	0.0	37.2

202 100

101 10.4 0.0 30.4

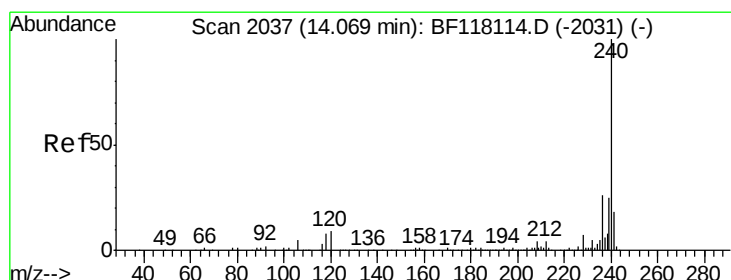
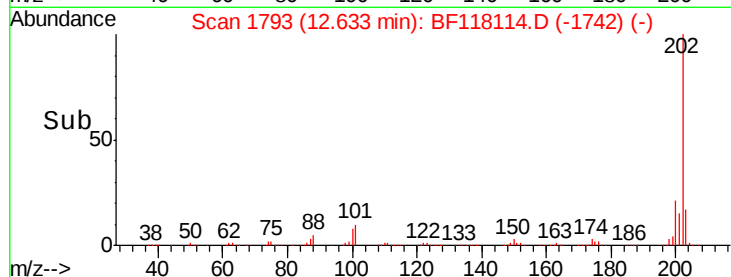
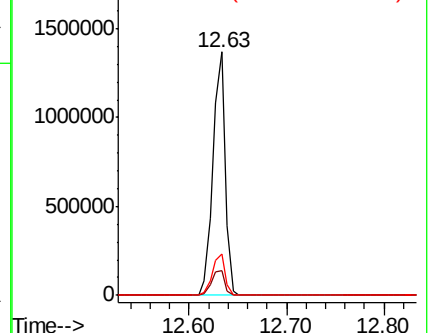
203 17.2 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

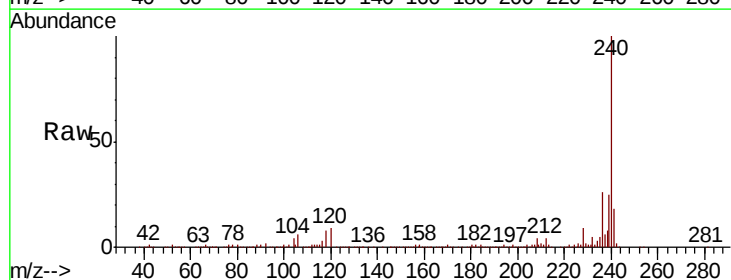
Tgt Ion:240 Resp: 404594

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	26.3	21.0	31.6

240 100

120 8.9 7.1 10.7

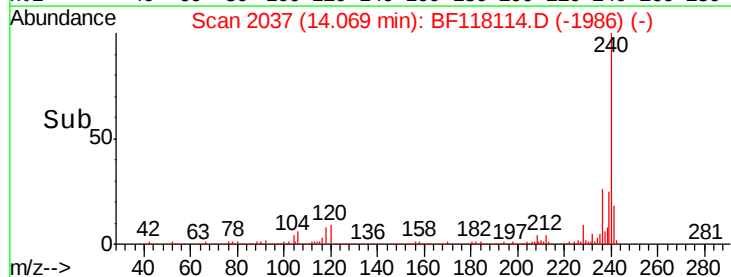
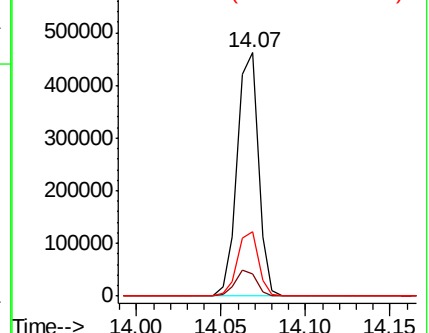
236 26.3 21.0 31.6

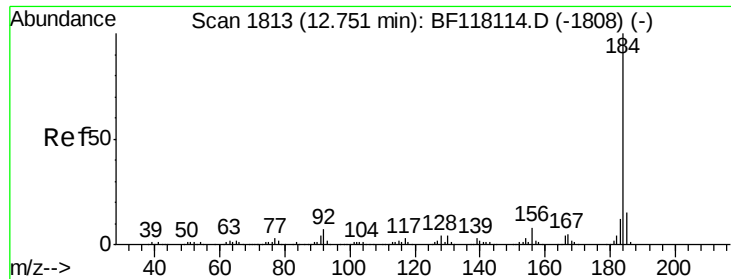


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.954 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

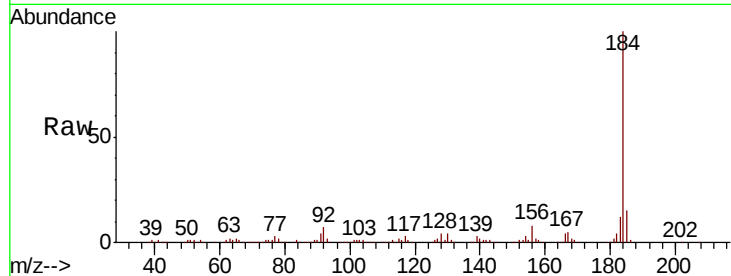
Tot Ion:184 Resp: 423487

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.3	18.5
183	12.4	9.9	14.9

184 100

185 15.4 12.3 18.5

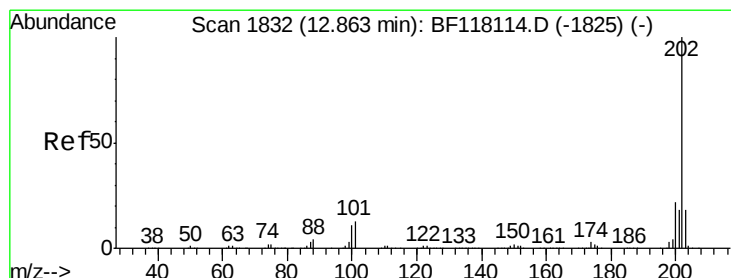
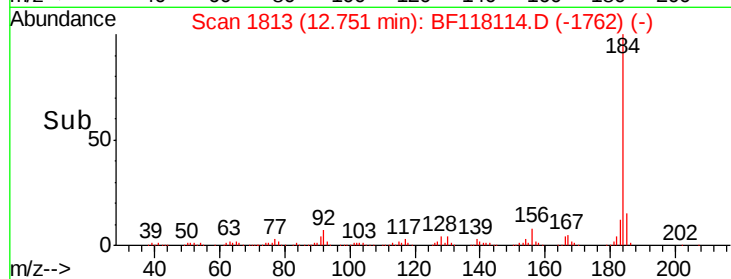
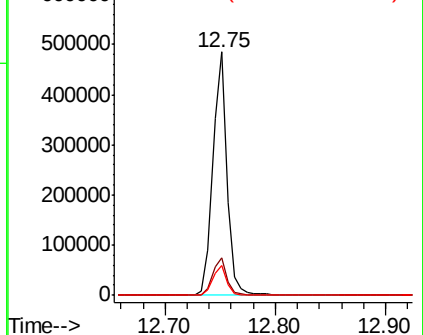
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.783 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

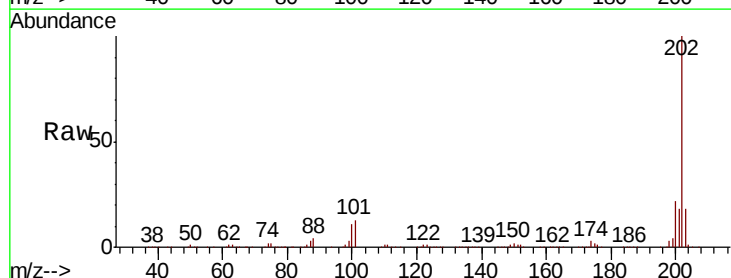
Tgt Ion:202 Resp: 1202716

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.2	14.6	21.8

202 100

200 21.9 17.5 26.3

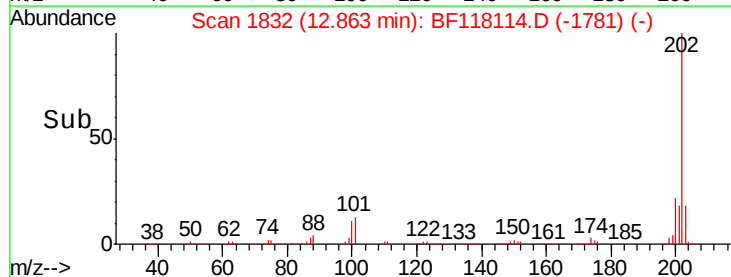
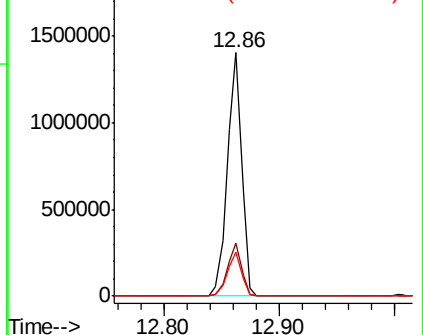
203 18.2 14.6 21.8

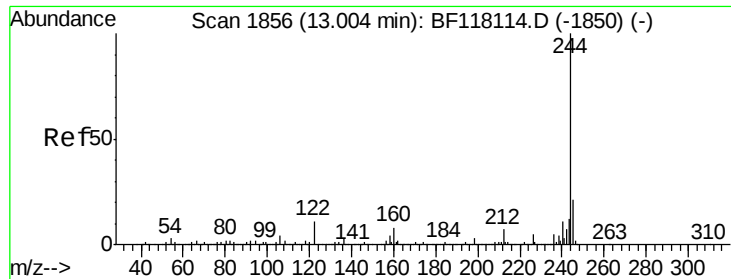


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.727 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

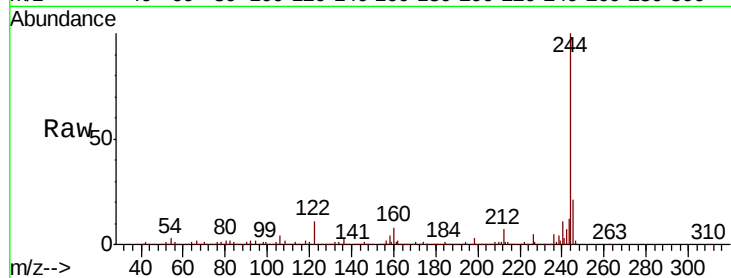
Tot Ion:244 Resp: 1787119

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

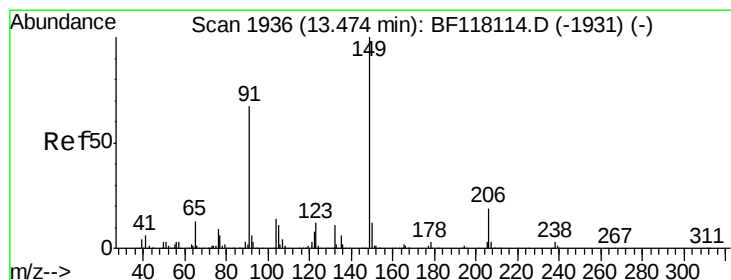
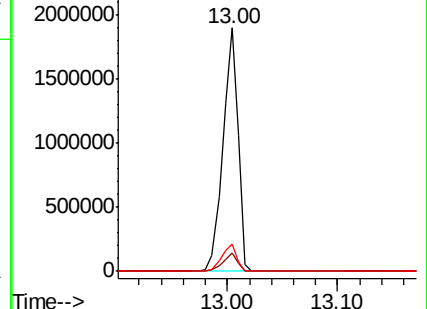
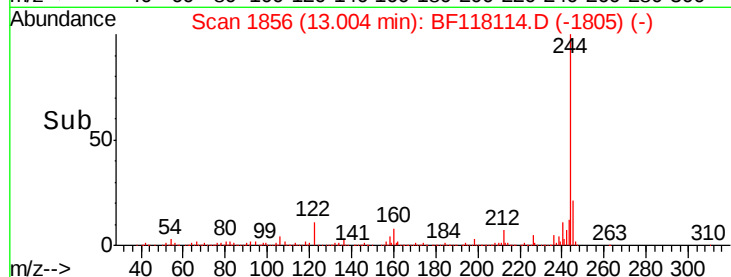
122 11.3 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.643 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

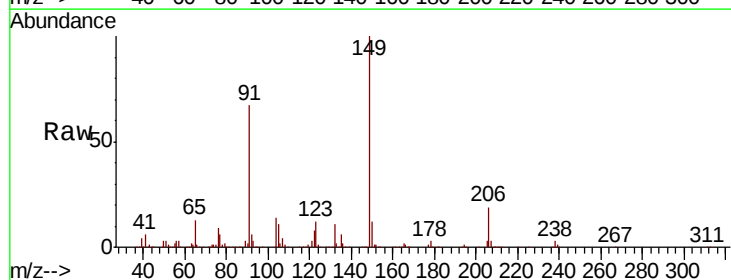
Tgt Ion:149 Resp: 556732

Ion Ratio Lower Upper

149 100

91 67.4 53.9 80.9

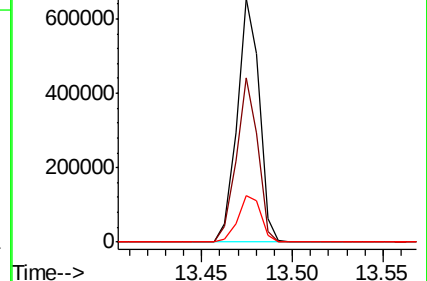
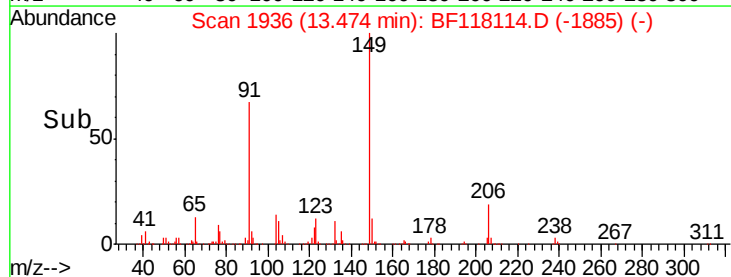
206 19.0 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

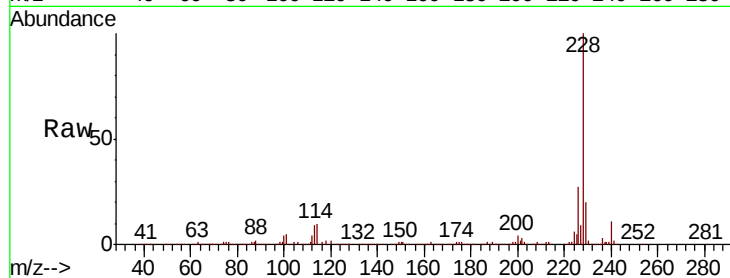




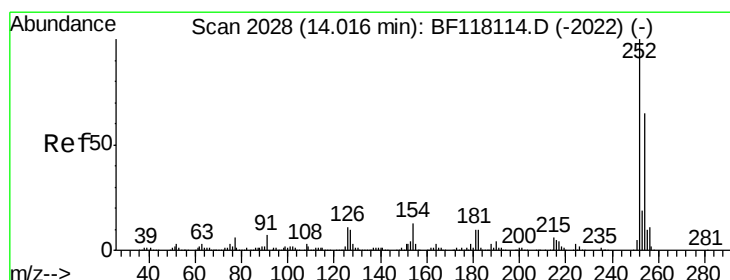
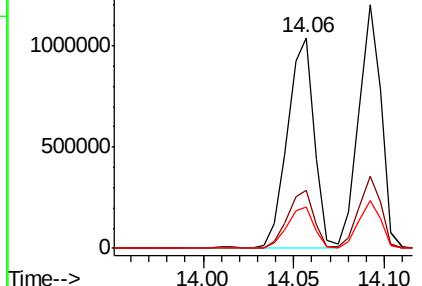
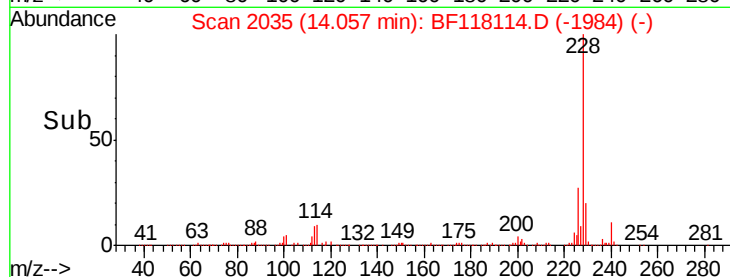
#81
Benzo(a)anthracene
Concen: 40.419 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1080642
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8

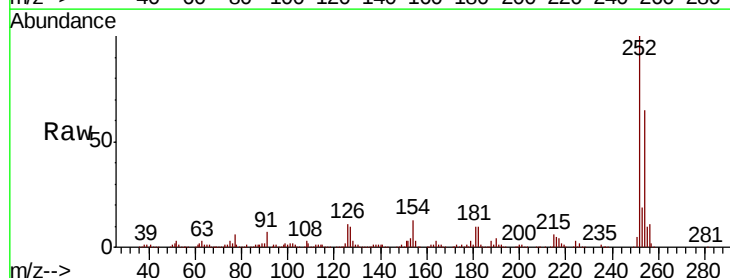


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

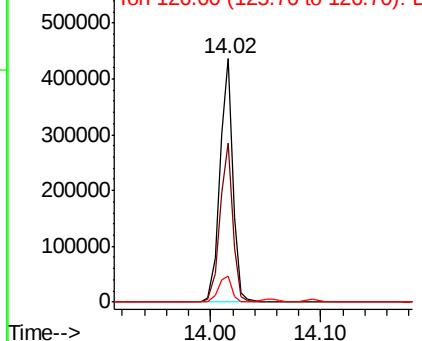
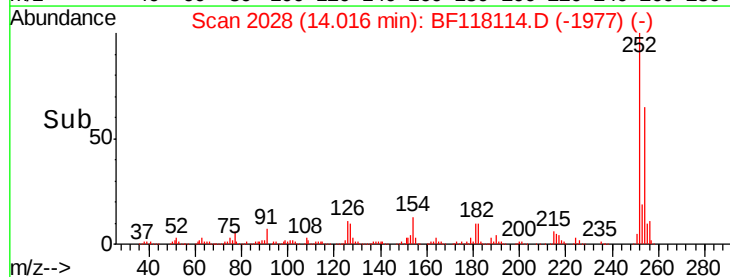


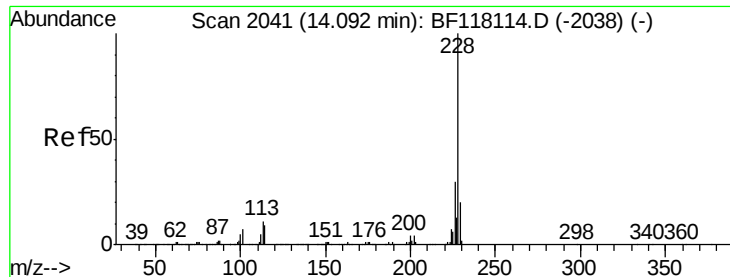
#82
3,3'-Dichlorobenzidine
Concen: 38.045 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:252 Resp: 355803
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 10.8 8.6 13.0



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





#83

Chrysene

Concen: 39.794 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

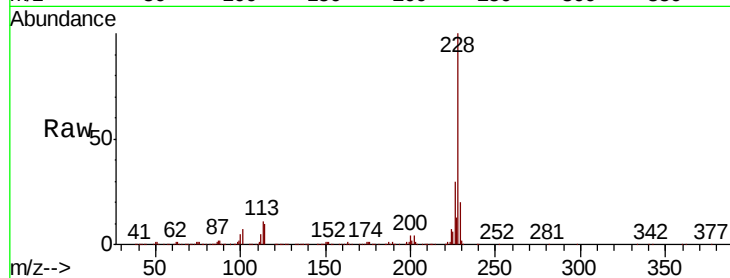
Tot Ion:228 Resp: 1030949

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.6	15.7	23.5

228 100

226 29.8 23.8 35.8

229 19.6 15.7 23.5

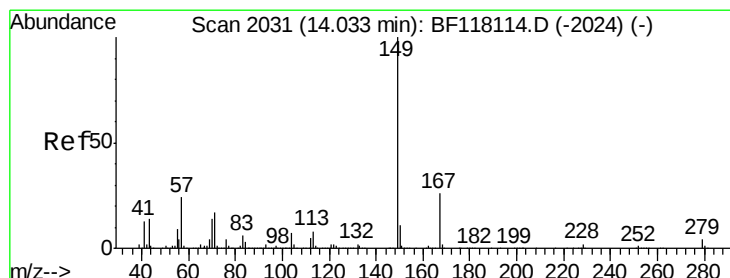
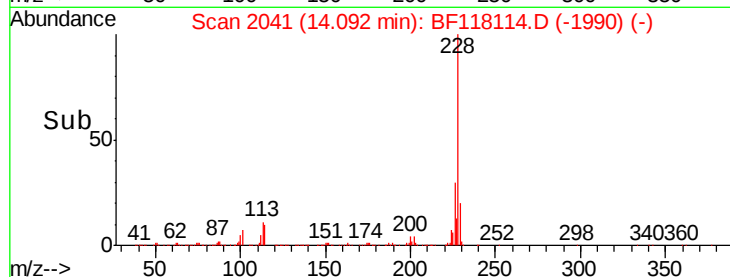
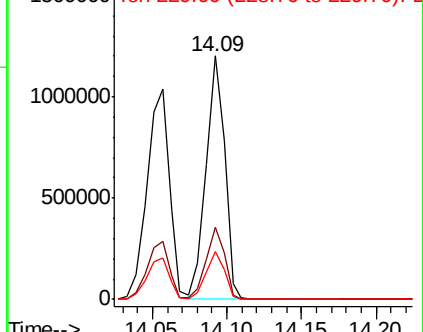


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.343 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

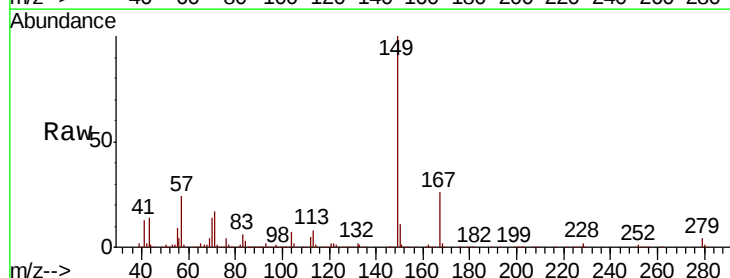
Tgt Ion:149 Resp: 737954

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.8	31.2
279	3.6	2.9	4.3

149 100

167 26.0 20.8 31.2

279 3.6 2.9 4.3

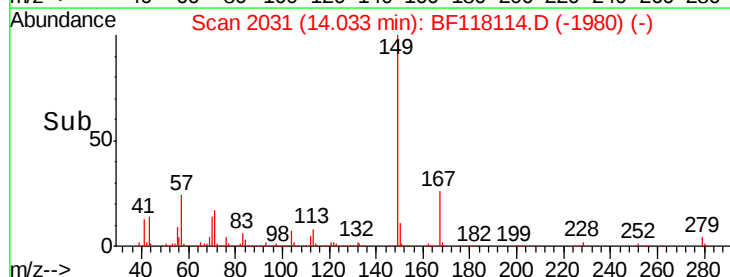
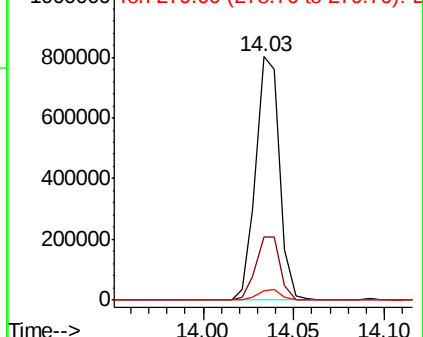


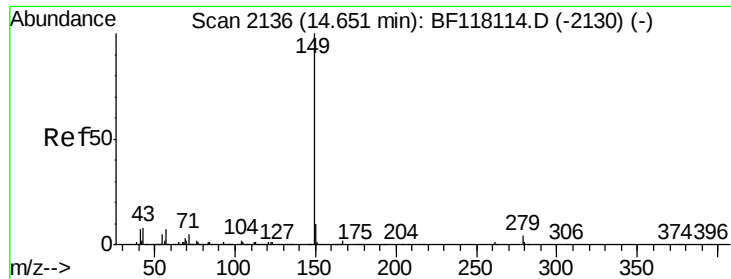
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.129 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

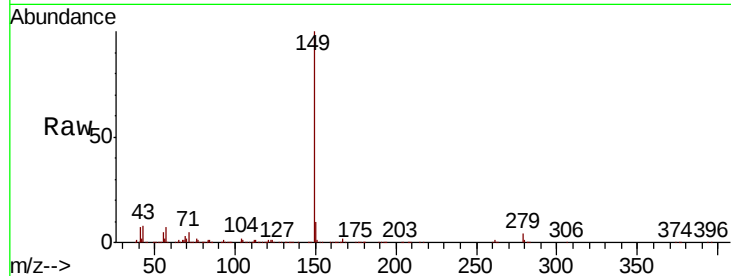
Tot Ion:149 Resp: 1128781

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

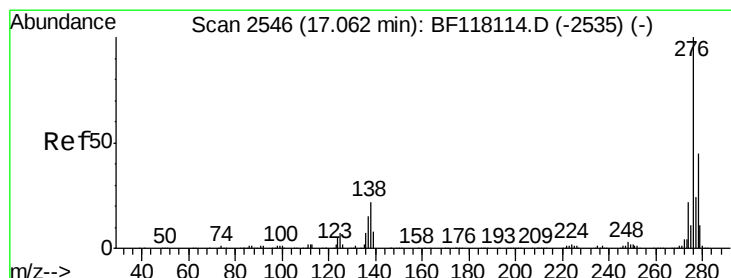
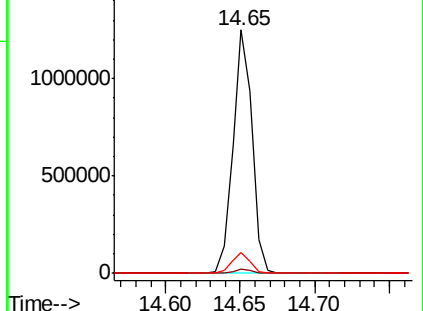
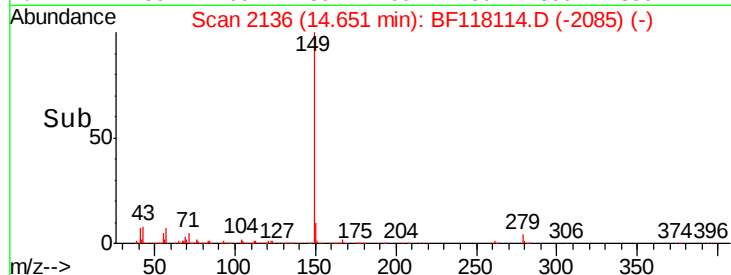
43 8.1 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.846 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

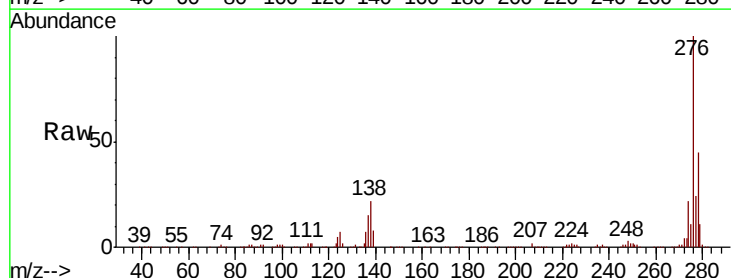
Tgt Ion:276 Resp: 768341

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

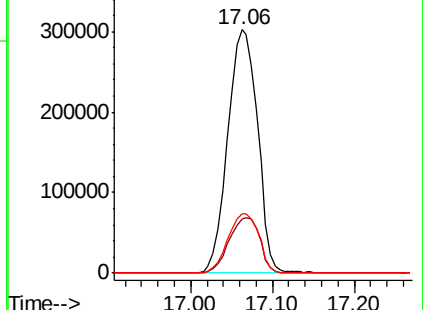
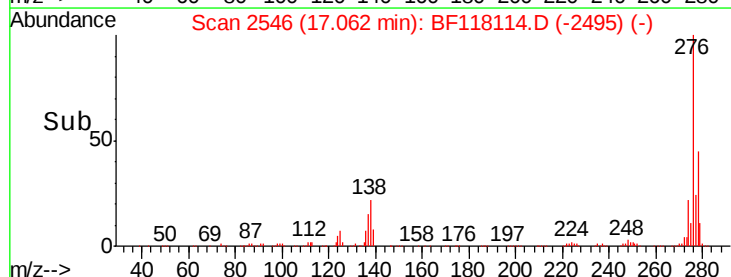
277 25.5 20.4 30.6

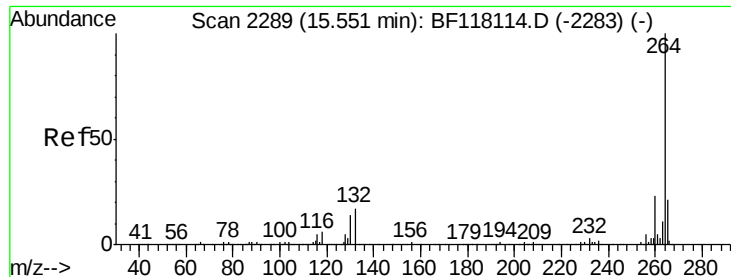


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

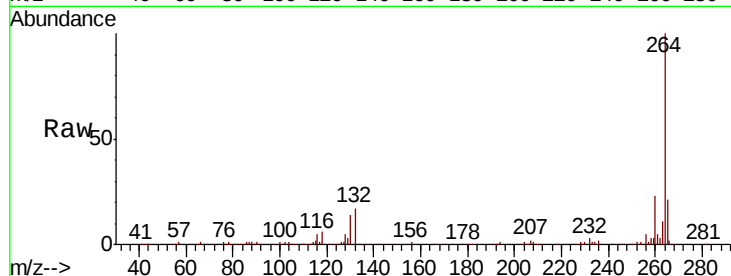




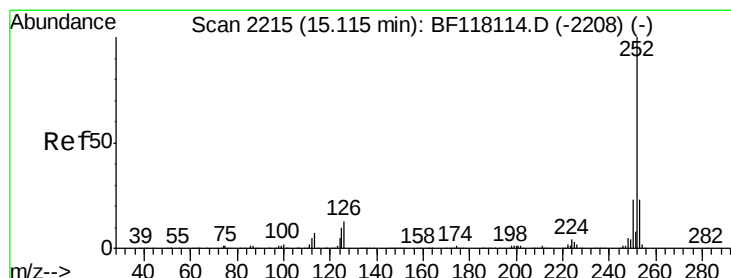
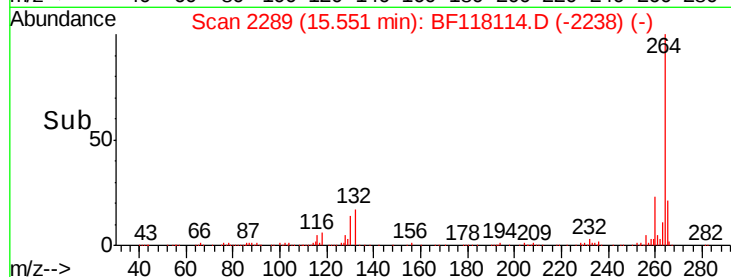
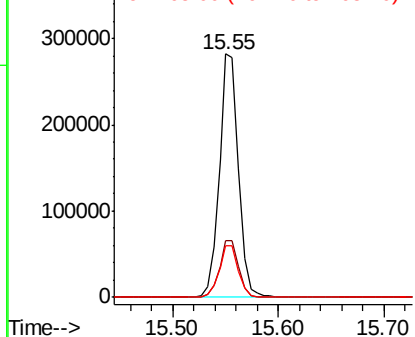
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 356064
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 16.8 25.2

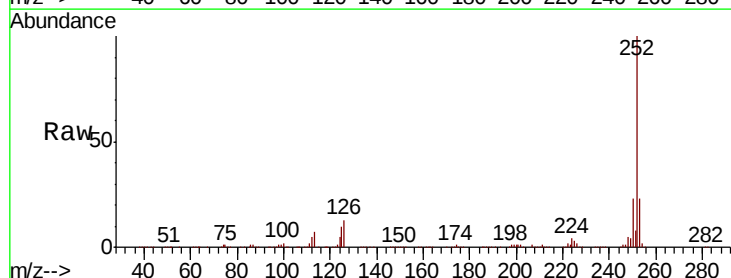


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

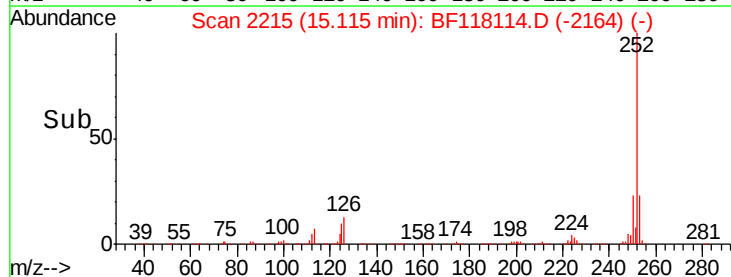
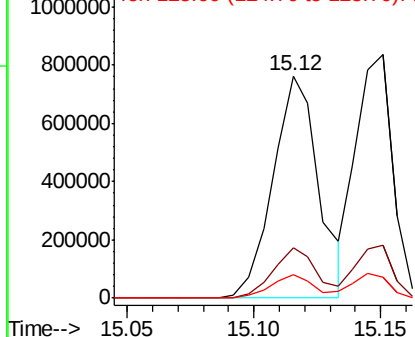


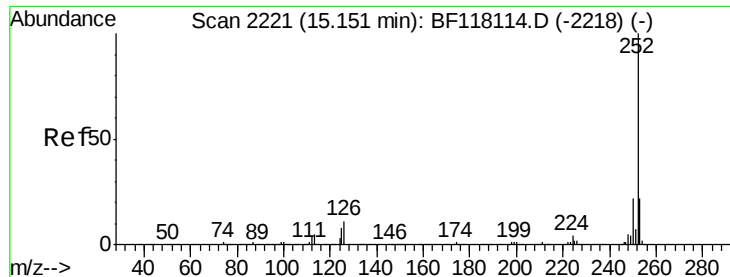
#88
 Benzo(b)fluoranthene
 Concen: 41.583 ng
 RT: 15.12 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BF118114.D
 Acq: 6 Dec 2019 14:59

Tgt Ion:252 Resp: 961963
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.2 27.4
 125 10.4 8.3 12.5



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

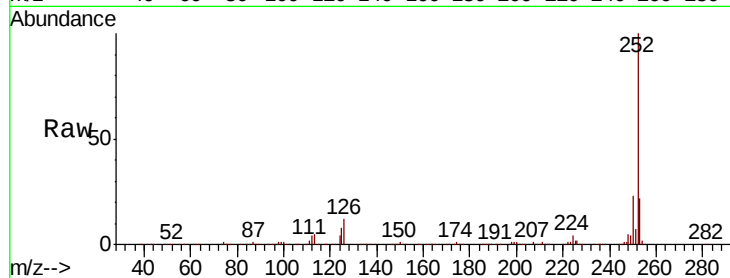




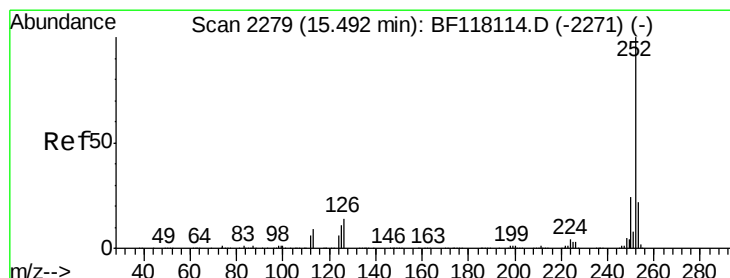
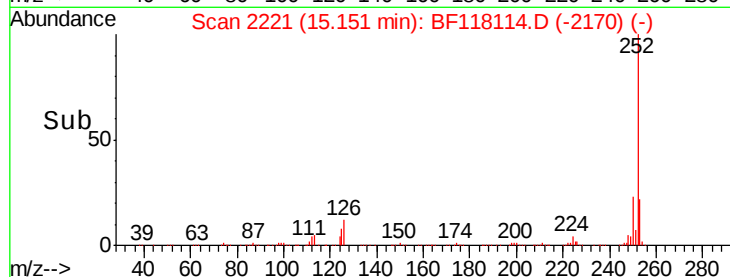
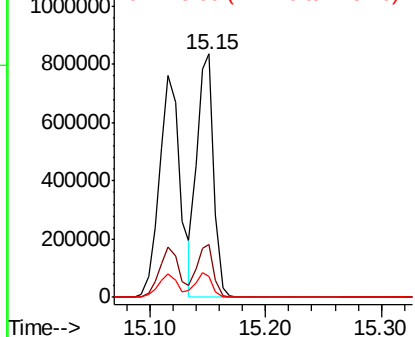
#89
Benzo(k)fluoranthene
Concen: 39.143 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 853213
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.4 6.7 10.1

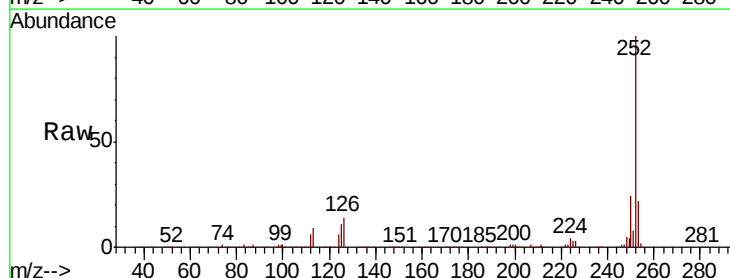


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

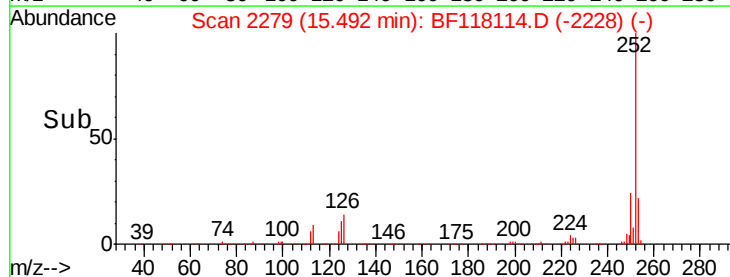
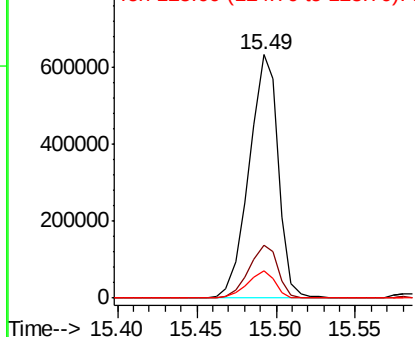


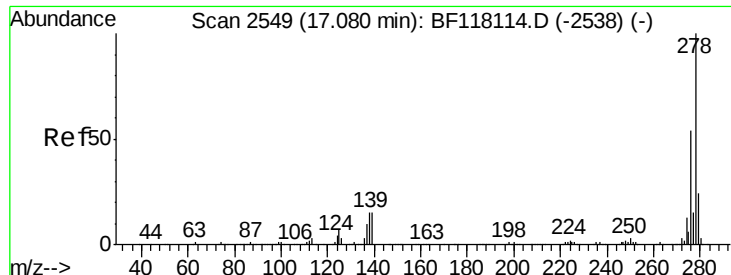
#90
Benzo(a)pyrene
Concen: 39.613 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118114.D
Acq: 6 Dec 2019 14:59

Tgt Ion:252 Resp: 805823
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.4 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 36.291 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

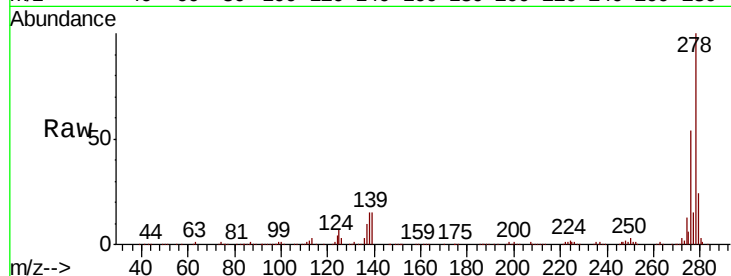
Tot Ion:278 Resp: 635419

Ion Ratio Lower Upper

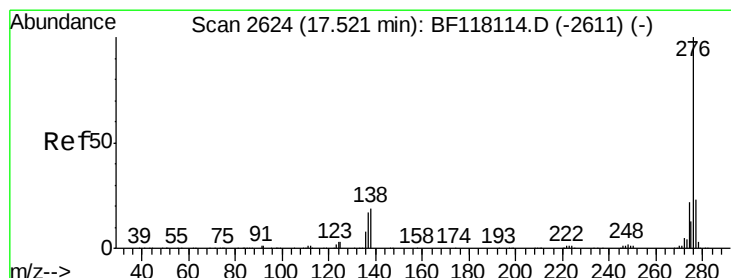
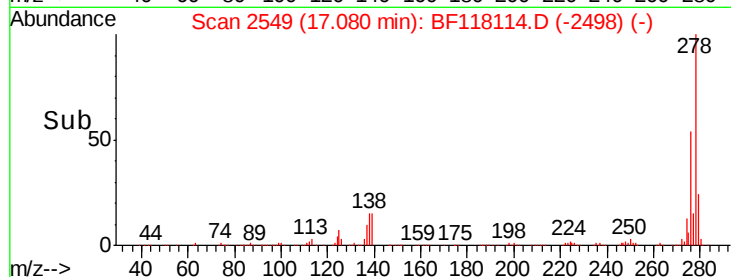
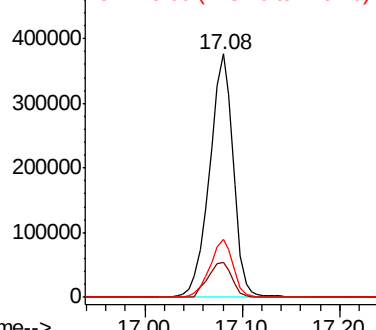
278 100

139 14.6 11.7 17.5

279 23.7 19.0 28.4



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



#92

Benzo(g,h,i)perylene

Concen: 34.329 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.00 min

Lab File: BF118114.D

Acq: 6 Dec 2019 14:59

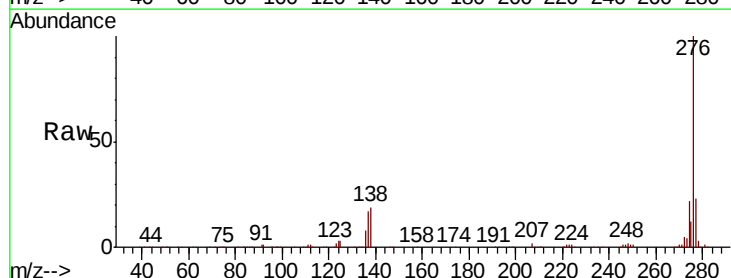
Tgt Ion:276 Resp: 598681

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.4

138 19.4 15.5 23.3



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

