

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118334.D
 Acq On : 27 Dec 2019 13:00
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182588	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	704882	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	373548	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	678584	20.00	ng	0.00
76) Chrysene-d12	14.06	240	469391	20.00	ng	0.00
87) Perylene-d12	15.54	264	397140	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	806170	75.37	ng	0.00
7) Phenol-d6	6.50	99	991095	74.69	ng	0.01
23) Nitrobenzene-d5	7.43	82	925929	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	342963	74.35	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	1855654	75.83	ng	0.00
79) Terphenyl-d14	12.99	244	2138313	75.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	156854	36.888	ng	99
3) Pyridine	3.36	79	426533	37.649	ng	98
4) n-Nitrosodimethylamine	3.32	42	174102	37.170	ng	98
6) Aniline	6.52	93	627081	37.216	ng	98
8) 2-Chlorophenol	6.65	128	452214	37.328	ng	98
9) Benzaldehyde	6.41	77	272143	34.982	ng	97
10) Phenol	6.51	94	553911	37.140	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	406953	38.154	ng	98
12) 1,3-Dichlorobenzene	6.80	146	526837	37.760	ng	98
13) 1,4-Dichlorobenzene	6.87	146	536470	37.855	ng	99
14) 1,2-Dichlorobenzene	7.03	146	503144	37.605	ng	100
15) Benzyl Alcohol	7.00	79	378844	37.498	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	440060	38.664	ng	96
17) 2-Methylphenol	7.12	107	357400	36.782	ng	99
18) Hexachloroethane	7.37	117	193814	37.264	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	301584	36.894	ng	98
20) 3+4-Methylphenols	7.27	107	464089	37.319	ng	97
22) Acetophenone	7.27	105	643514	37.249	ng	97
24) Nitrobenzene	7.45	77	459172	37.193	ng	100
25) Isophorone	7.69	82	803285	37.400	ng	100
26) 2-Nitrophenol	7.76	139	252162	38.562	ng	98
27) 2,4-Dimethylphenol	7.80	122	332717	37.293	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	537423	38.259	ng	99
29) 2,4-Dichlorophenol	8.01	162	392039	38.177	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	454185	37.968	ng	98
31) Naphthalene	8.17	128	1351452	37.722	ng	99
32) Benzoic acid	7.94	122	238034	33.535	ng	99
33) 4-Chloroaniline	8.22	127	573009	37.308	ng	99
34) Hexachlorobutadiene	8.28	225	273368	38.391	ng	99
35) Caprolactam	8.60	113	116746	36.415	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	403543	36.602	ng	98
37) 2-Methylnaphthalene	8.86	142	913260	37.232	ng	99
38) 1-Methylnaphthalene	8.96	142	860513	37.236	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	425568	37.918	ng	100

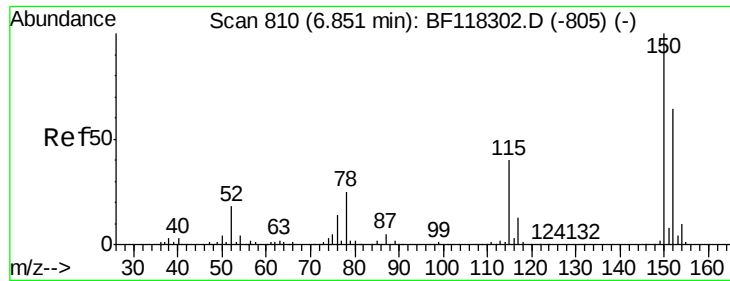
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118334.D
 Acq On : 27 Dec 2019 13:00
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	157644	38.626	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	280382	37.394	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	287467	37.269	nq	97
46) 1,1'-Biphenyl	9.33	154	1123793	38.036	nq	99
47) 2-Chloronaphthalene	9.36	162	892774	37.544	nq	97
48) 2-Nitroaniline	9.45	65	252174	37.545	nq	98
49) Acenaphthylene	9.77	152	1321673	37.476	nq	99
50) Dimethylphthalate	9.63	163	1049956	37.445	nq	99
51) 2,6-Dinitrotoluene	9.70	165	226463	37.462	nq	# 86
52) Acenaphthene	9.95	154	805788	37.511	nq	99
53) 3-Nitroaniline	9.87	138	263988	37.206	nq	95
54) 2,4-Dinitrophenol	9.98	184	85948	31.555	nq	98
55) Dibenzofuran	10.12	168	1185571	37.352	nq	98
56) 4-Nitrophenol	10.04	139	153125	34.959	nq	88
57) 2,4-Dinitrotoluene	10.10	165	302095	37.399	nq	91
58) Fluorene	10.46	166	947277	36.970	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	232909	35.538	nq	98
60) Diethylphthalate	10.33	149	1047890	37.775	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	483352	37.788	nq	97
62) 4-Nitroaniline	10.49	138	271424	36.824	nq	98
63) Azobenzene	10.61	77	897566	37.775	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	131366	35.885	nq	98
66) n-Nitrosodiphenylamine	10.57	169	834750	38.382	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	307044	38.664	nq	97
68) Hexachlorobenzene	11.02	284	354727	37.948	nq	92
69) Atrazine	11.10	200	254493	37.915	nq	95
70) Pentachlorophenol	11.21	266	142527	35.206	nq	99
71) Phenanthrene	11.43	178	1390003	37.575	nq	100
72) Anthracene	11.48	178	1411784	38.128	nq	100
73) Carbazole	11.63	167	1239565	37.727	nq	99
74) Di-n-butylphthalate	11.96	149	1670229	40.092	nq	100
75) Fluoranthene	12.62	202	1419815	38.030	nq	97
77) Benzidine	12.74	184	613818	47.725	nq	99
78) Pyrene	12.85	202	1413824	36.885	nq	98
80) Butylbenzylphthalate	13.46	149	709006	41.081	nq	98
81) Benzo(a)anthracene	14.04	228	1227988	37.375	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	446416	40.073	nq	99
83) Chrysene	14.09	228	1160956	36.902	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	985251	43.414	nq	99
85) Di-n-octyl phthalate	14.64	149	1493577	44.742	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	919536	34.303	nq	100
88) Benzo(b)fluoranthene	15.11	252	1044410	39.618	nq	97
89) Benzo(k)fluoranthene	15.14	252	949812	37.524	nq	99
90) Benzo(a)pyrene	15.49	252	878429	37.826	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	760872	37.756	nq	97
92) Benzo(g,h,i)perylene	17.52	276	718244	36.895	nq	98

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

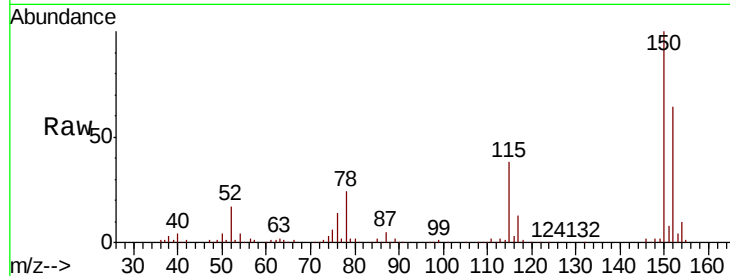


#1

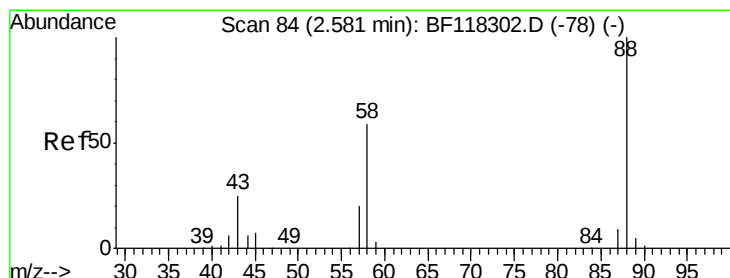
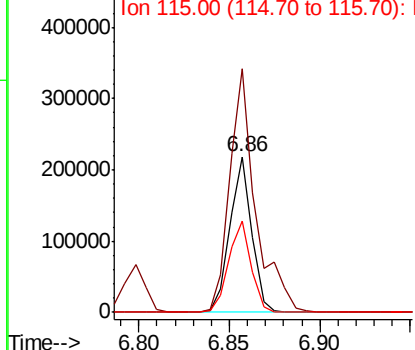
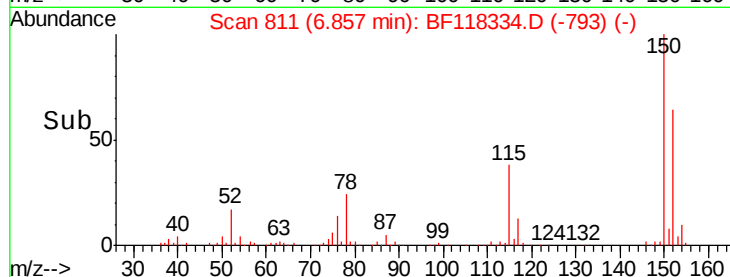
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182588
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.2
115 59.1 50.2 75.4



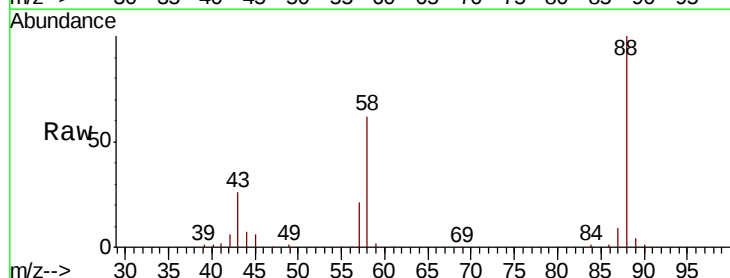
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



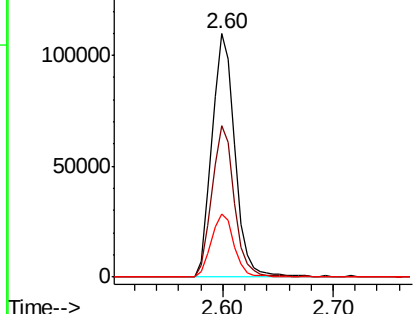
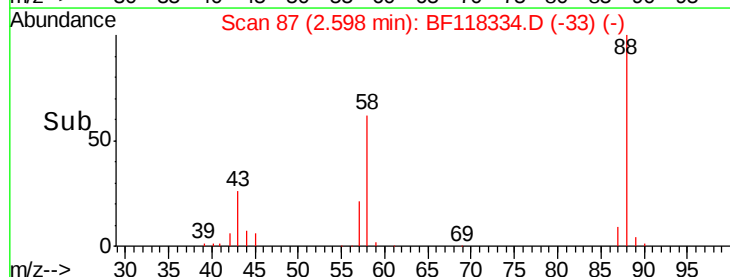
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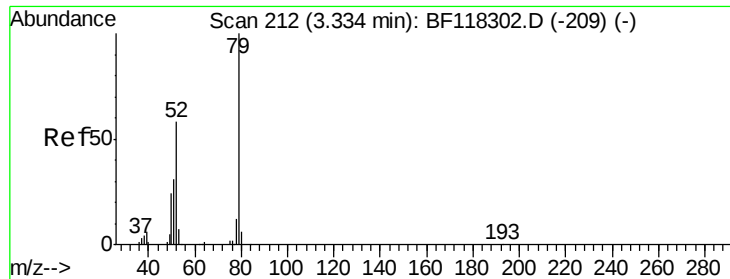
1,4-Dioxane
Concen: 36.888 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion: 88 Resp: 156854
Ion Ratio Lower Upper
88 100
58 60.6 47.6 71.4
43 25.5 20.6 30.8



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





#3

Pvridine

Concen: 37.649 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

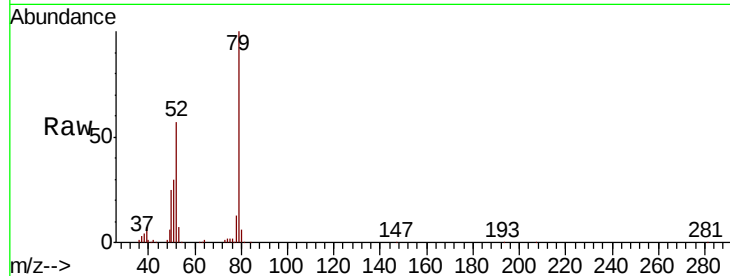
Tot Ion: 79 Resp: 426533

Ion Ratio Lower Upper

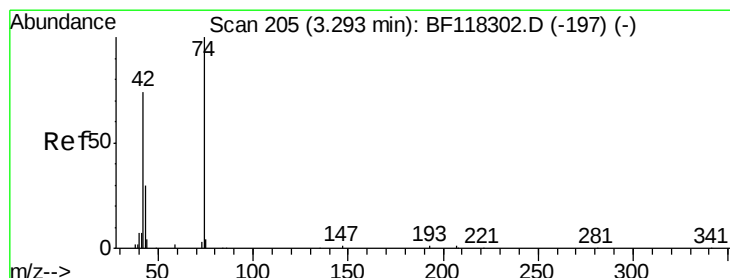
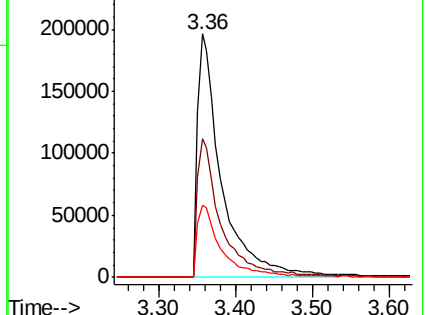
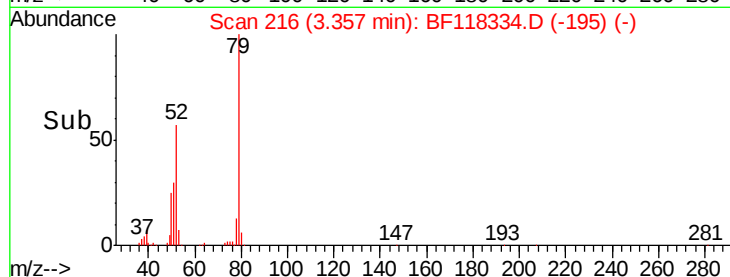
79 100

52 57.1 46.4 69.6

51 29.6 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 37.170 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.03 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

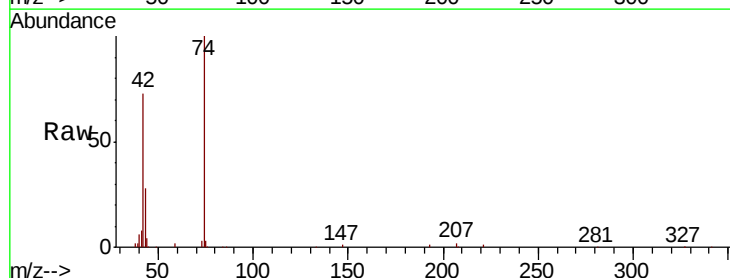
Tgt Ion: 42 Resp: 174102

Ion Ratio Lower Upper

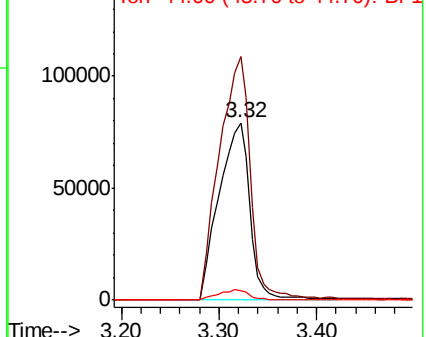
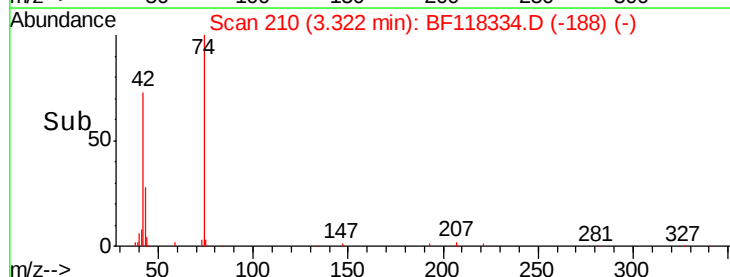
42 100

74 137.2 107.7 161.5

44 5.4 4.8 7.2



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





#5

2-Fluorophenol

Concen: 75.368 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampled :

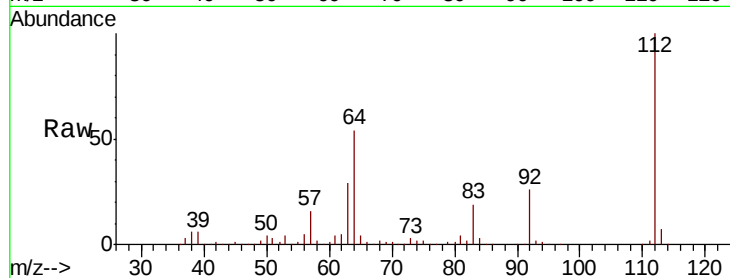
Tot Ion: 112 Resp: 806170

Ion Ratio Lower Upper

112 100

64 53.8 39.7 59.5

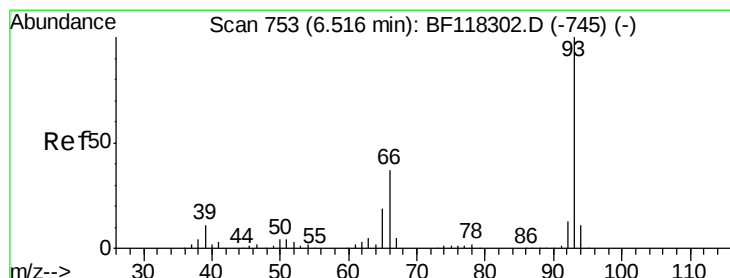
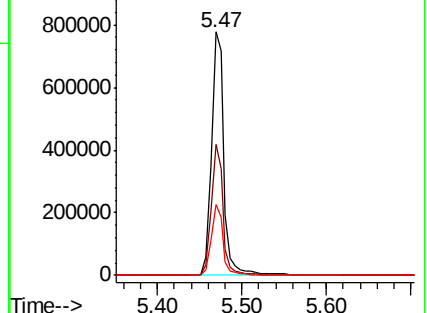
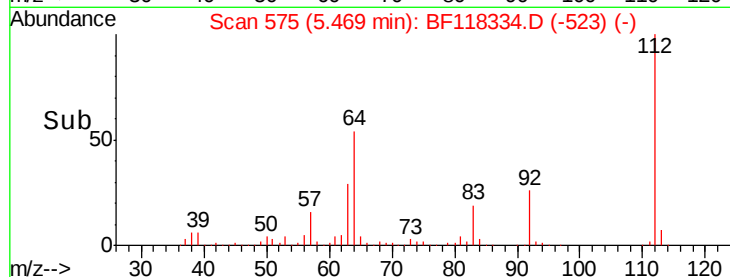
63 29.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.216 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

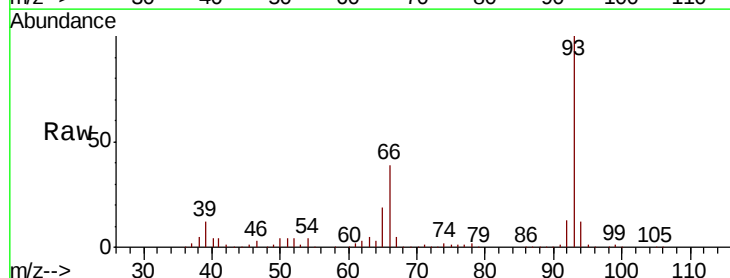
Tgt Ion: 93 Resp: 627081

Ion Ratio Lower Upper

93 100

66 39.1 30.2 45.4

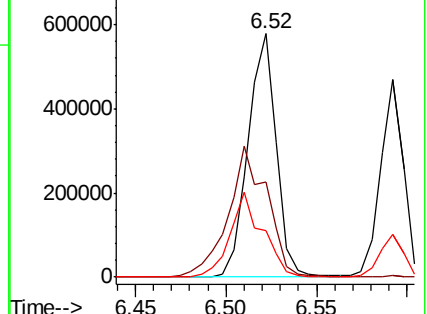
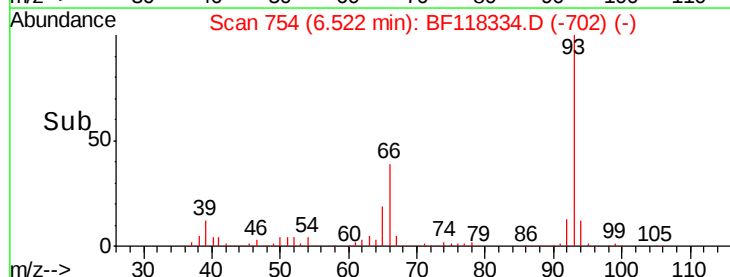
65 19.3 15.7 23.5

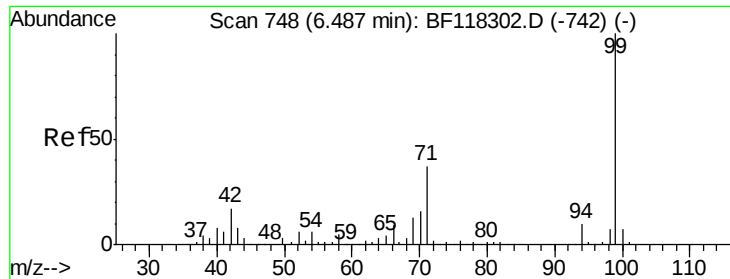


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.691 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

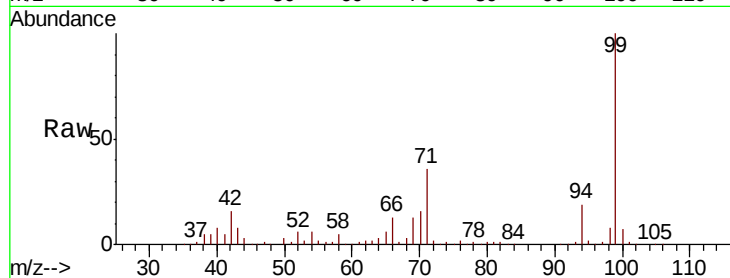
Tot Ion: 99 Resp: 991095

Ion Ratio Lower Upper

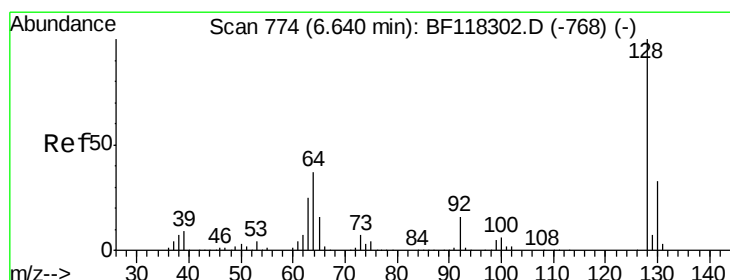
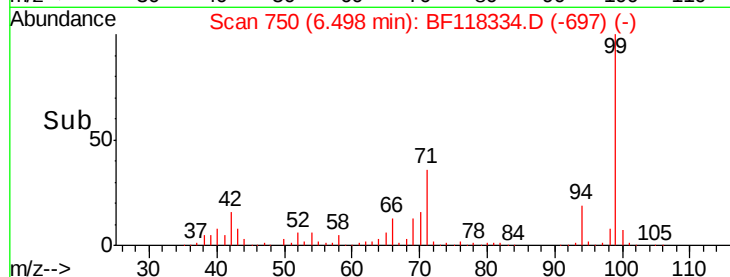
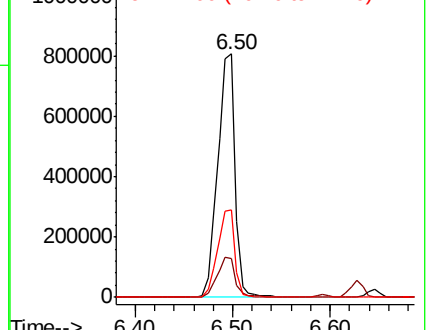
99 100

42 15.9 13.5 20.3

71 35.9 29.4 44.2



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



#8

2-Chlorophenol

Concen: 37.328 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

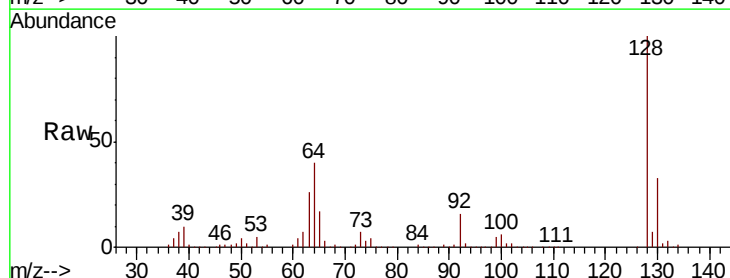
Tgt Ion: 128 Resp: 452214

Ion Ratio Lower Upper

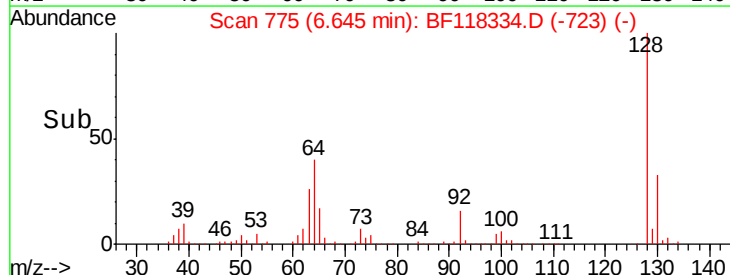
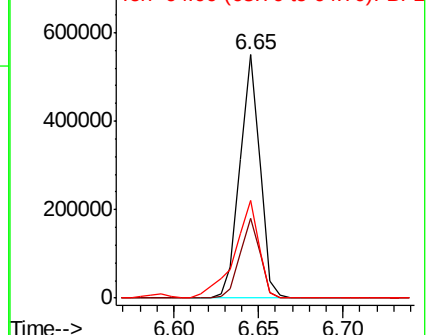
128 100

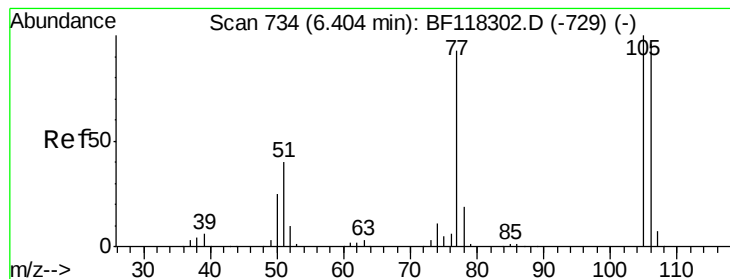
130 33.0 13.2 53.2

64 40.1 17.7 57.7



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





#9

Benzaldehyde

Concen: 34.982 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

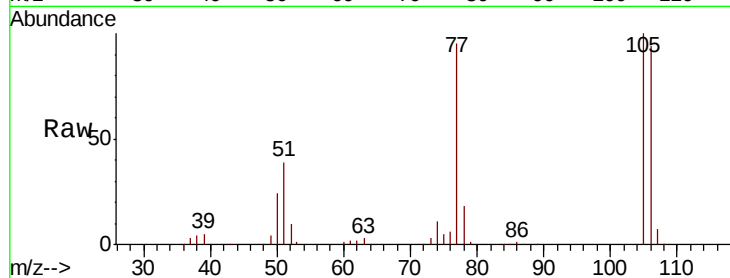
Tot Ion: 77 Resp: 272143

Ion Ratio Lower Upper

77 100

105 105.6 87.5 127.5

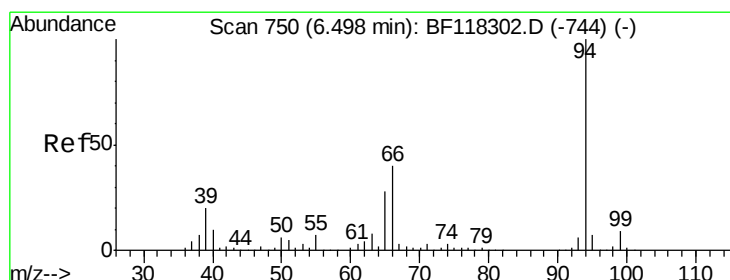
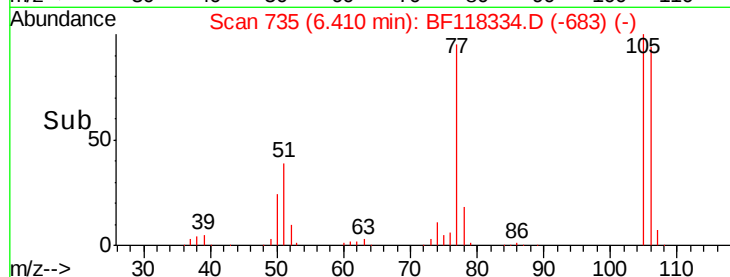
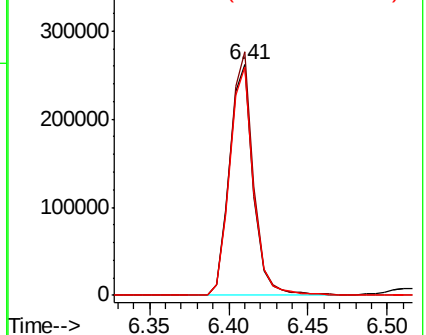
106 99.3 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.140 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

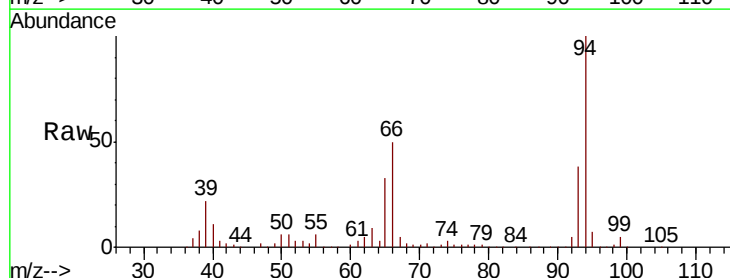
Tgt Ion: 94 Resp: 553911

Ion Ratio Lower Upper

94 100

65 32.5 7.8 47.8

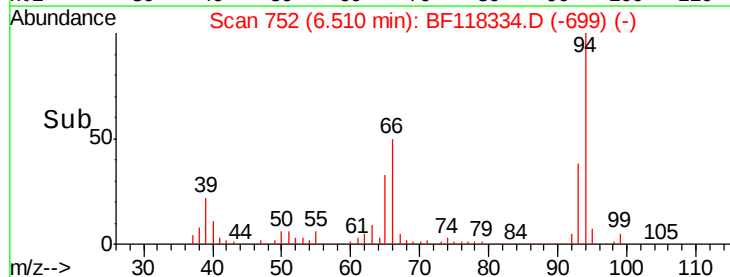
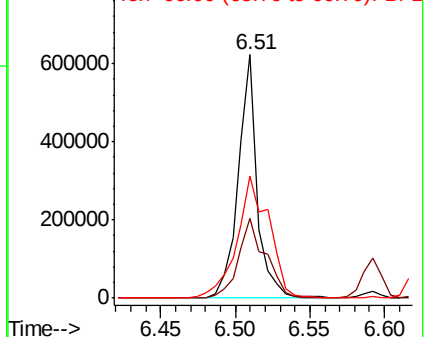
66 49.9 20.4 60.4

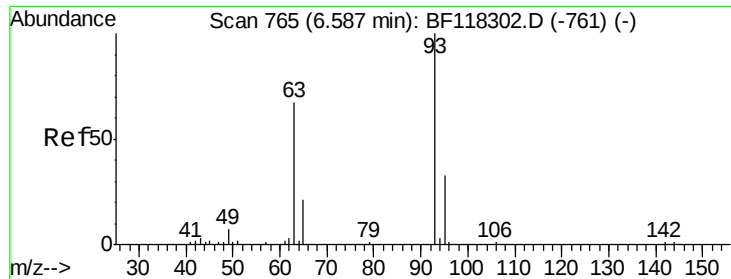


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

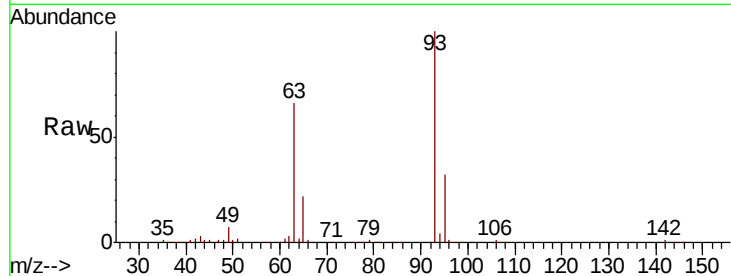




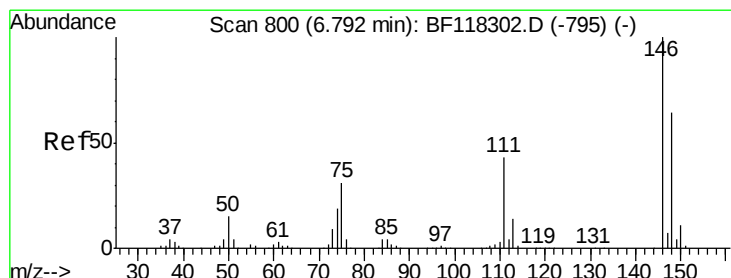
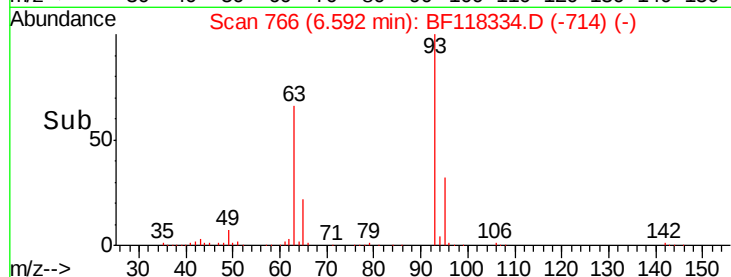
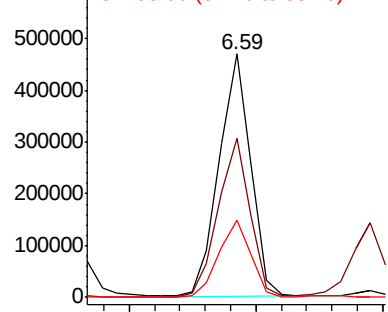
#11
bis(2-Chloroethyl)ether
Concen: 38.154 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 406953
Ion Ratio Lower Upper
93 100
63 65.6 47.0 87.0
95 31.9 12.8 52.8

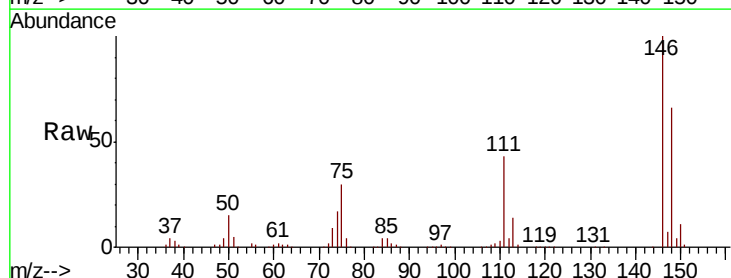


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

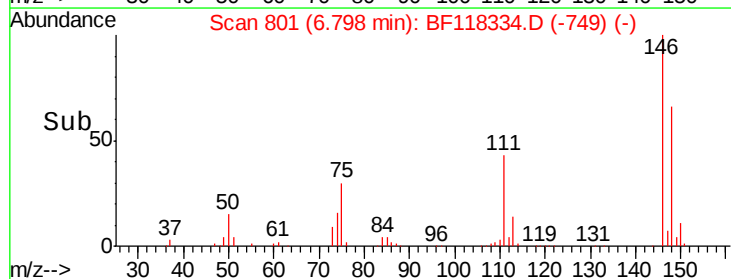
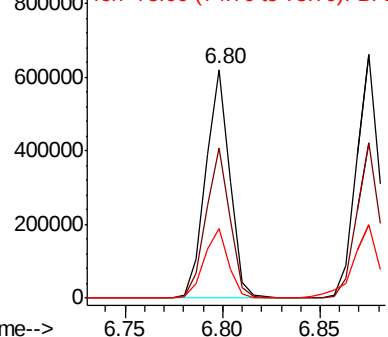


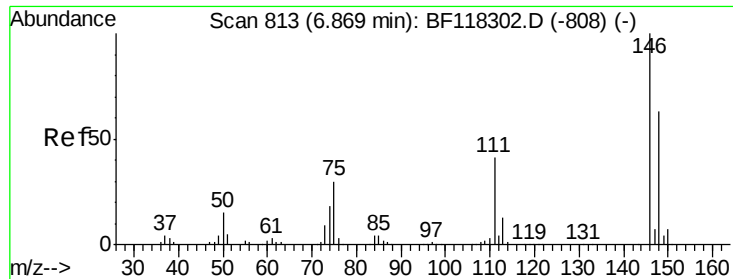
#12
1,3-Dichlorobenzene
Concen: 37.760 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion: 146 Resp: 526837
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.0
75 30.3 24.4 36.6



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

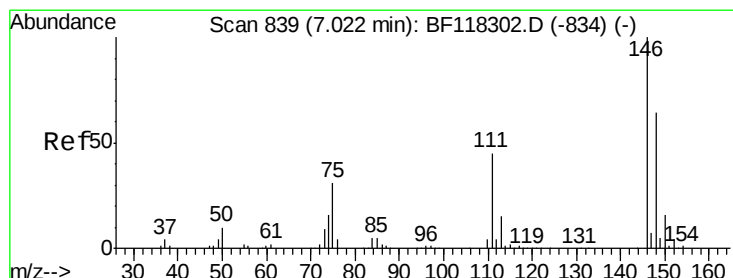
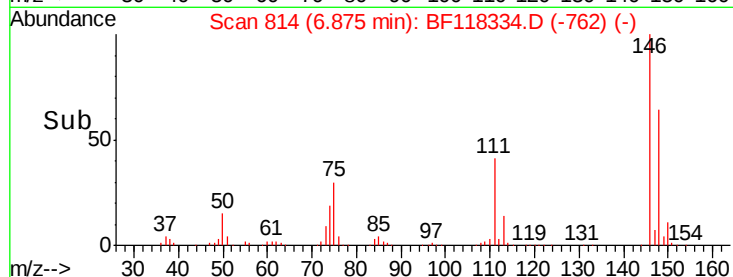
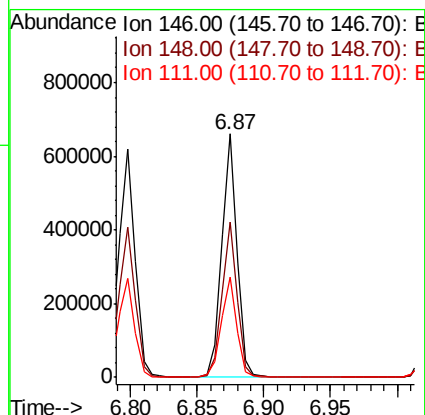
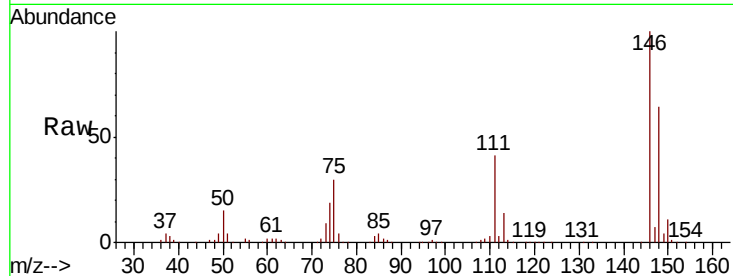




#13
 1,4-Dichlorobenzene
 Concen: 37.855 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

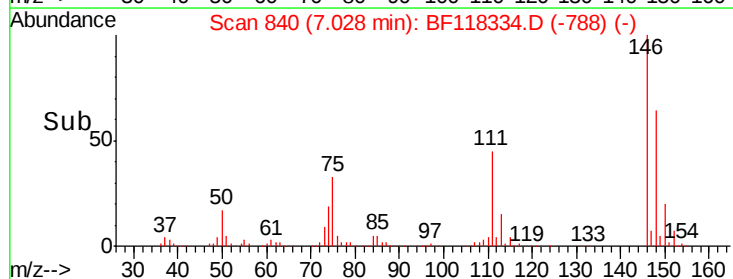
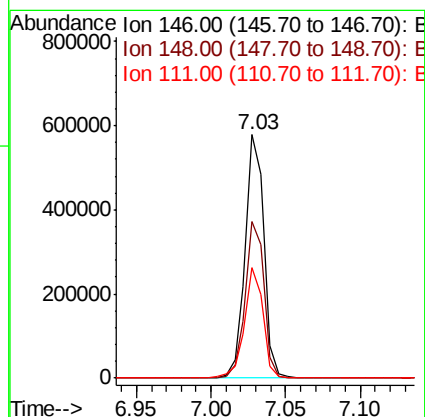
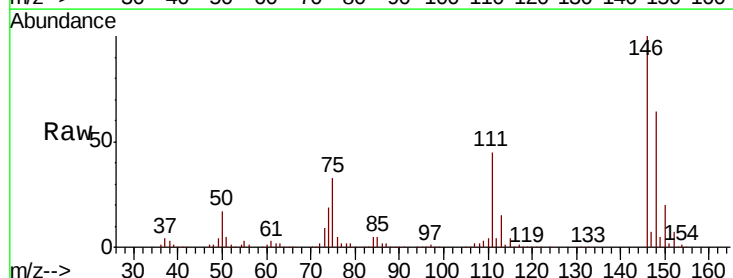
Instrument :
 BNA_F
 ClientSampled :

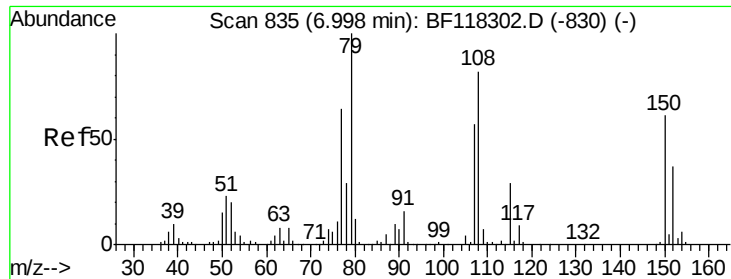
Tot Ion:146 Resp: 536470
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 41.4 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.605 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:146 Resp: 503144
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 45.2 35.7 53.5

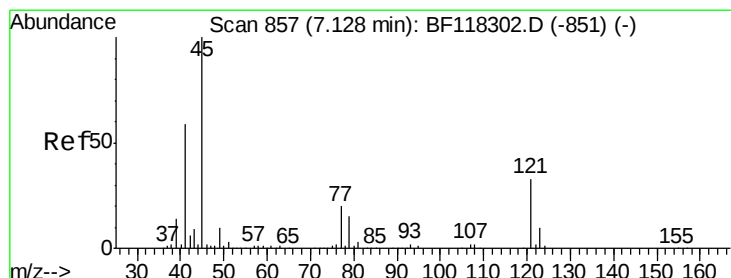
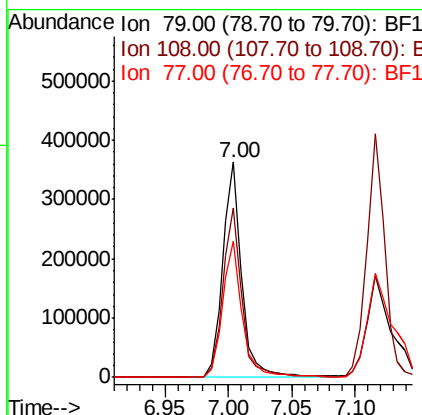
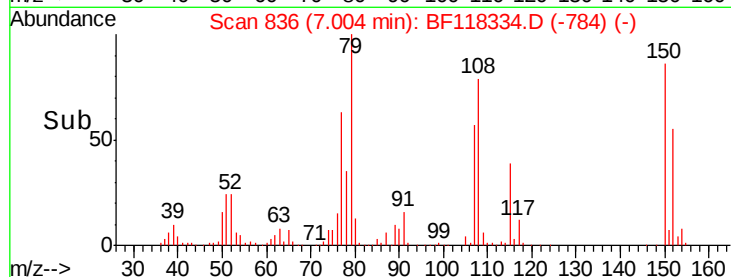
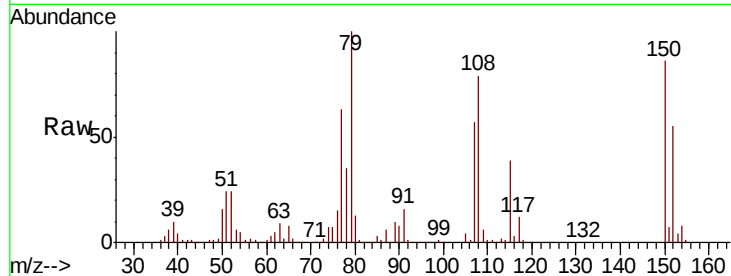




#15
Benzyl Alcohol
Concen: 37.498 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

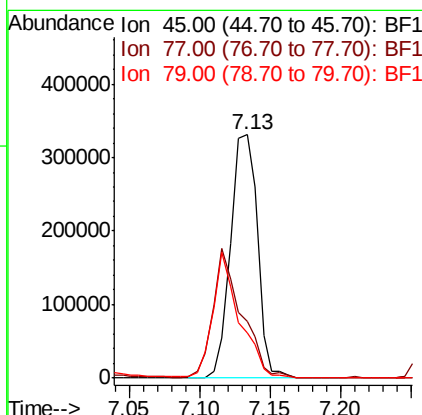
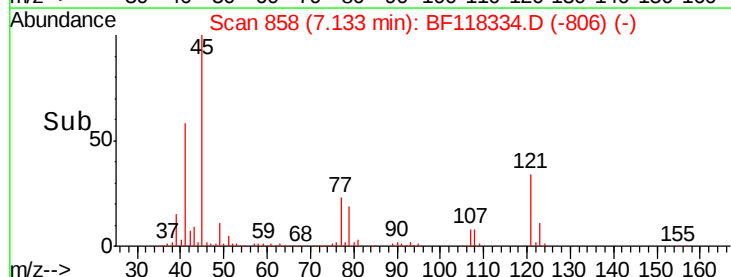
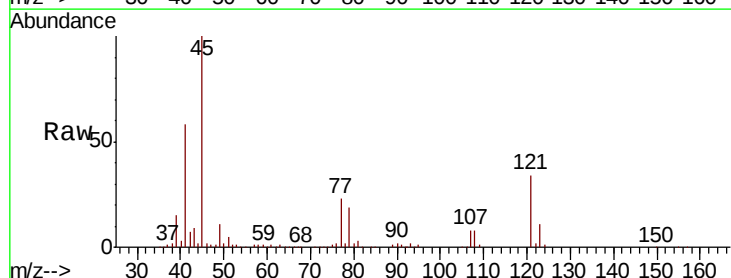
Instrument :
BNA_F
ClientSampled :

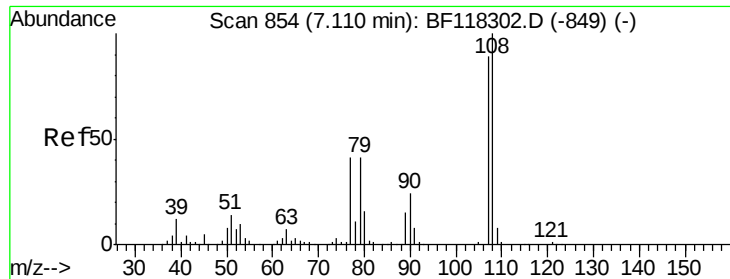
Tot Ion: 79 Resp: 378844
Ion Ratio Lower Upper
79 100
108 78.7 65.4 98.0
77 63.4 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.664 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion: 45 Resp: 440060
Ion Ratio Lower Upper
45 100
77 23.3 1.2 41.2
79 18.6 0.0 37.0

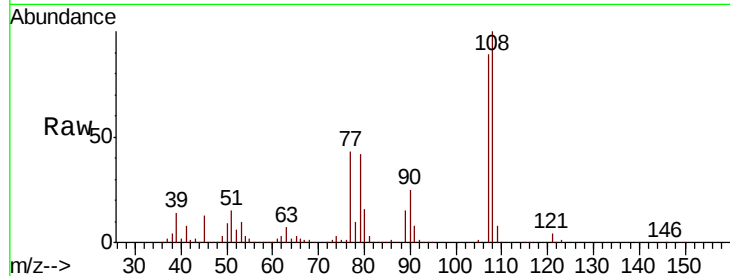




#17
2-Methylphenol
Concen: 36.782 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.7	134.5
77	48.3	37.2	55.8
79	46.9	36.7	55.1



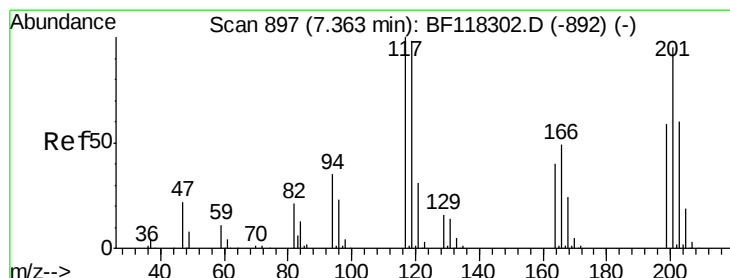
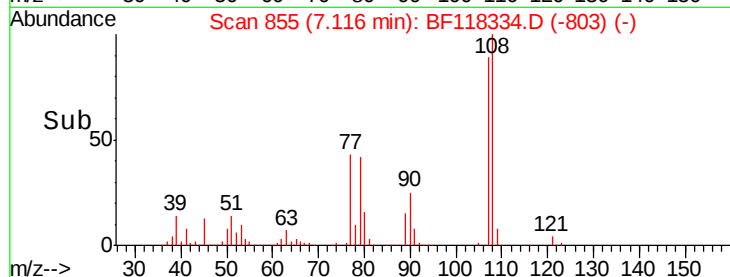
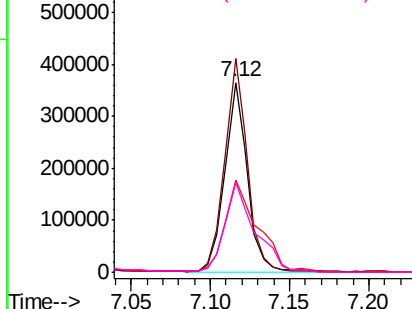
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

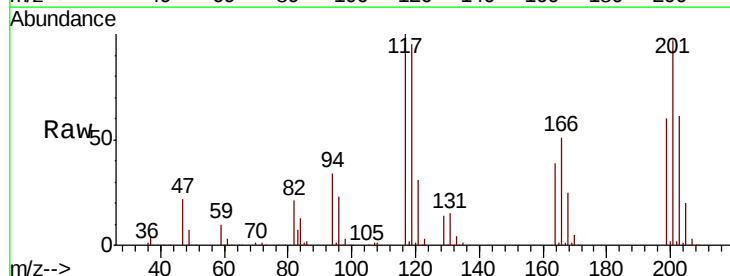
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.264 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.0	117.0
201	96.8	76.2	114.2

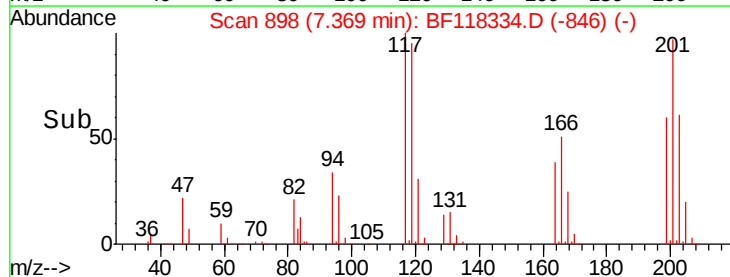
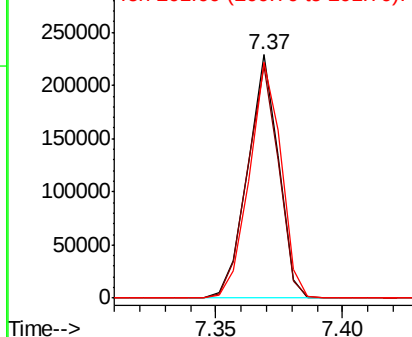


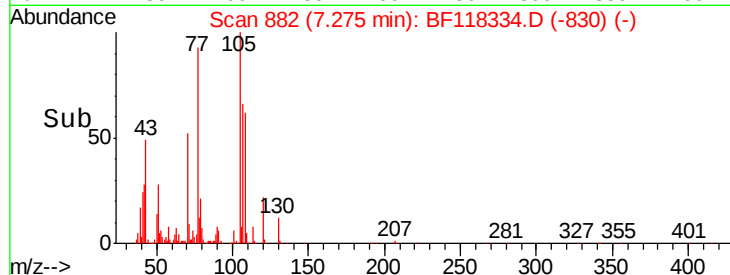
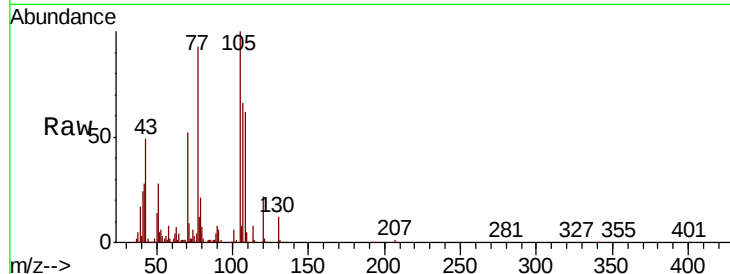
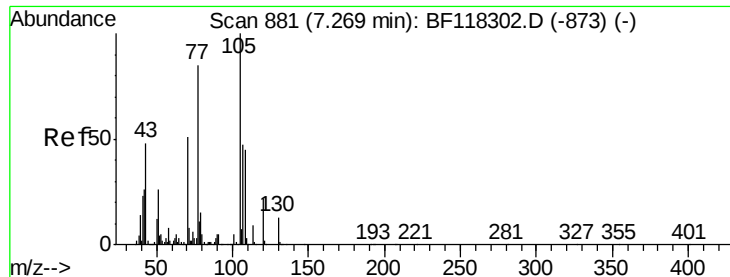
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

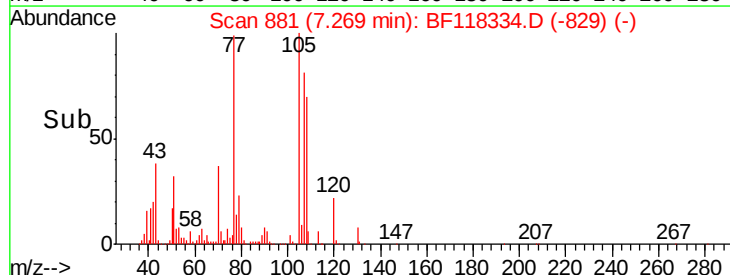
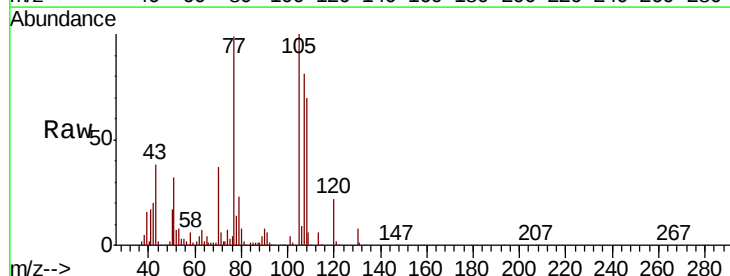
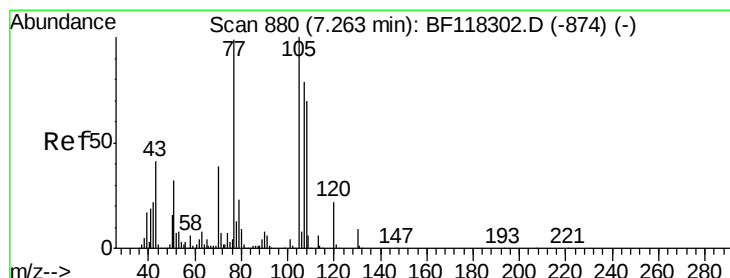
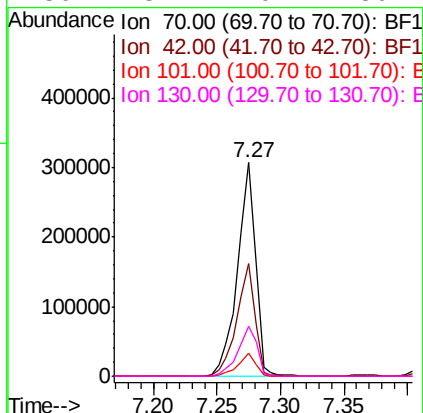




#19
n-Nitroso-di-n-propylamine
Concen: 36.894 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

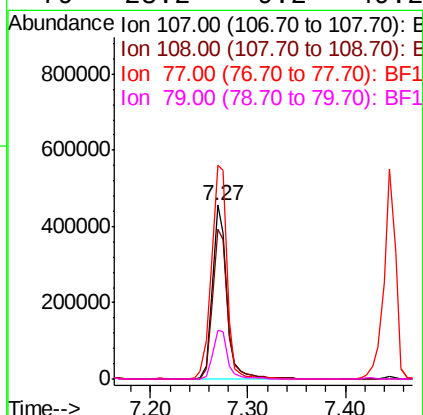
Instrument :
BNA_F
ClientSampleId :

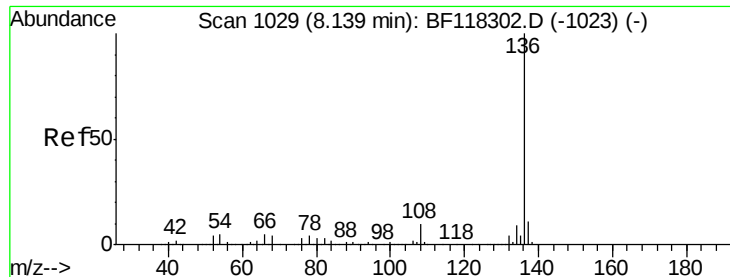
Tot Ion:	70	Resp:	301584
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.1	61.7
101	10.7	8.3	12.5
130	23.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 37.319 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:	107	Resp:	464089
Ion	Ratio	Lower	Upper
107	100		
108	86.2	69.3	109.3
77	122.8	105.9	145.9
79	28.2	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 704882

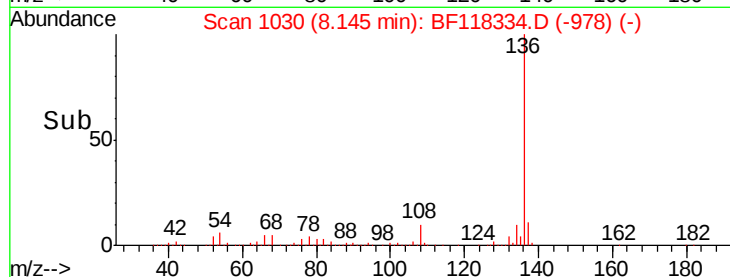
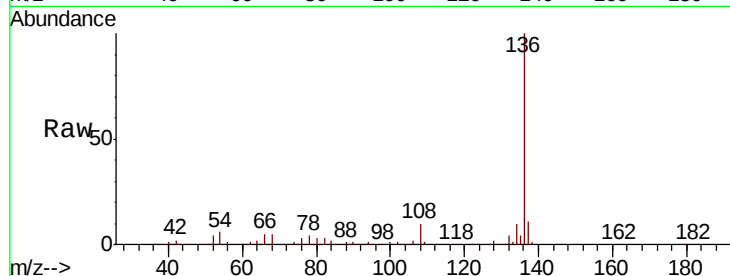
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 5.6 4.2 6.4

68 4.6 3.5 5.3

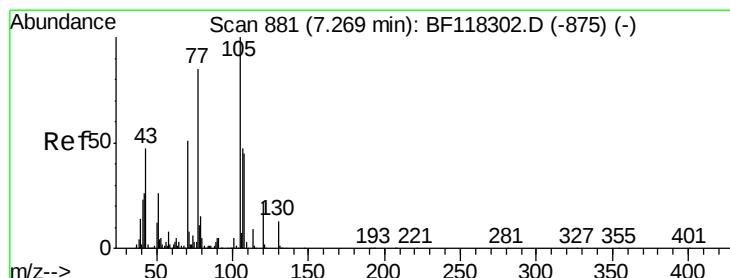
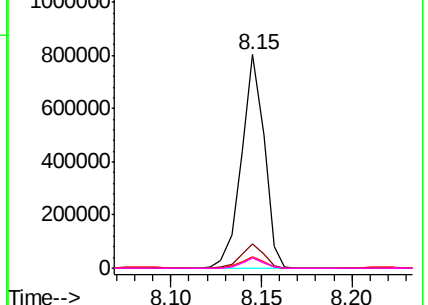


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.249 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:105 Resp: 643514

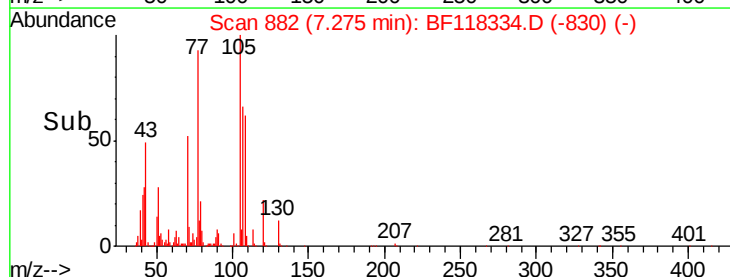
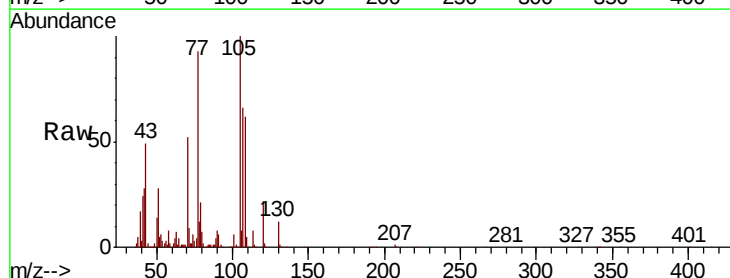
Ion Ratio Lower Upper

105 100

71 8.7 6.6 9.8

51 28.4 20.6 30.8

120 22.3 18.0 27.0

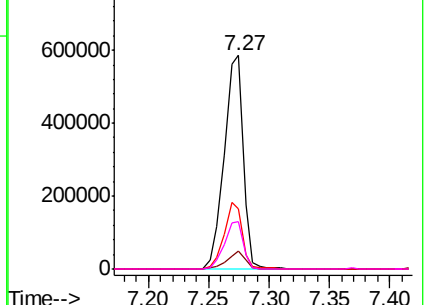


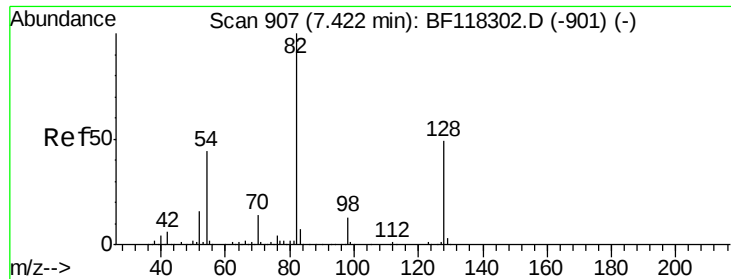
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

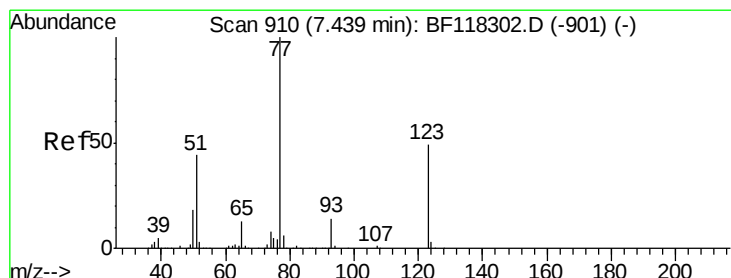
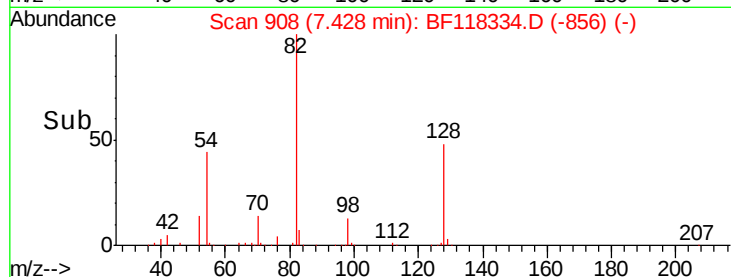
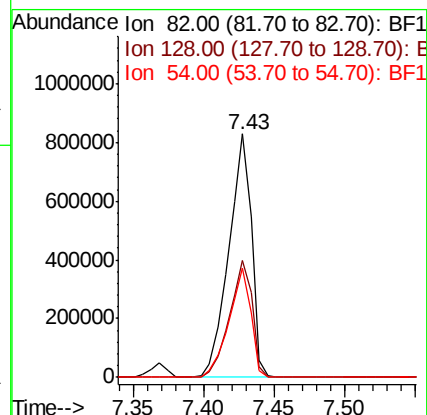
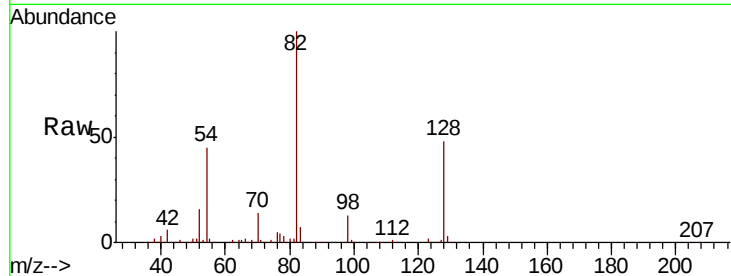




#23
 Nitrobenzene-d5
 Concen: 75.131 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

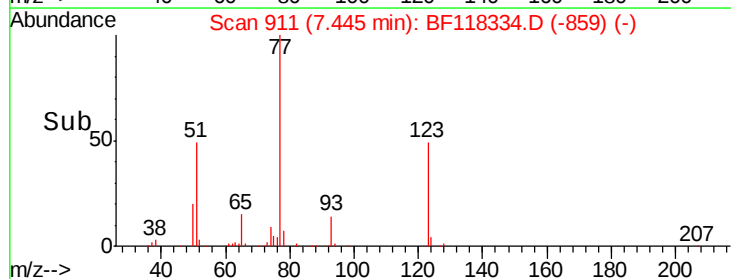
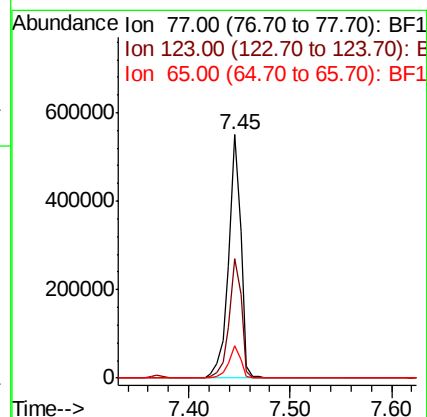
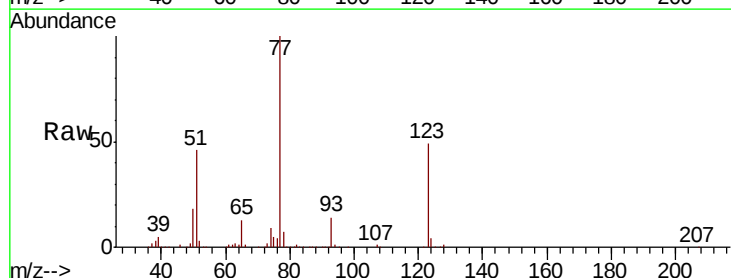
Instrument :
 BNA_F
 ClientSampleId :

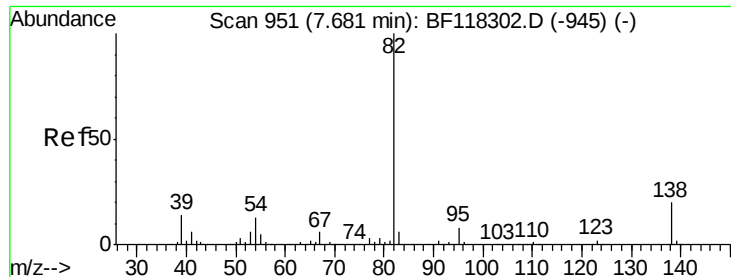
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	39.6	59.4
54	44.8	34.9	52.3



#24
 Nitrobenzene
 Concen: 37.193 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.1	58.7
65	13.4	10.6	16.0





#25

Isophorone

Concen: 37.400 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

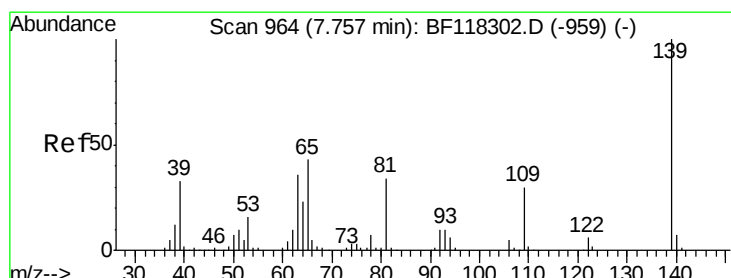
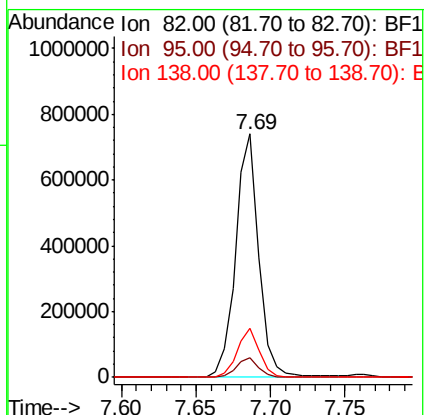
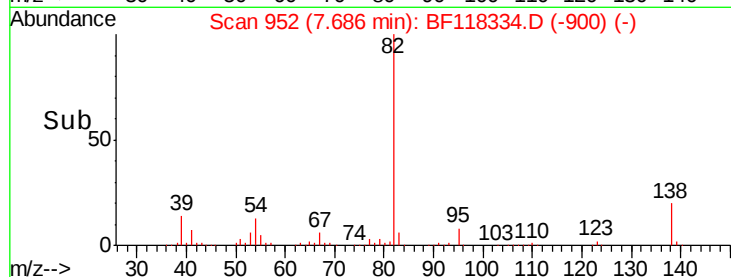
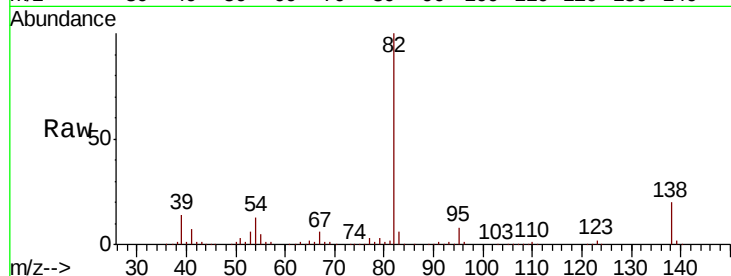
Tot Ion: 82 Resp: 803285

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

138 20.1 16.2 24.2



#26

2-Nitrophenol

Concen: 38.562 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

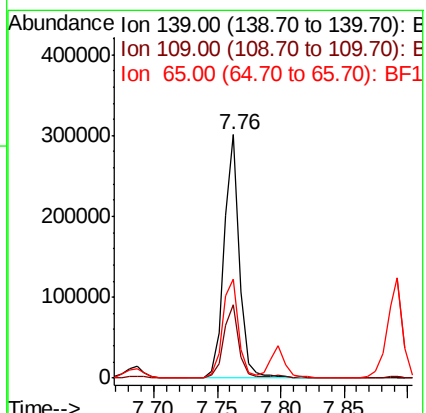
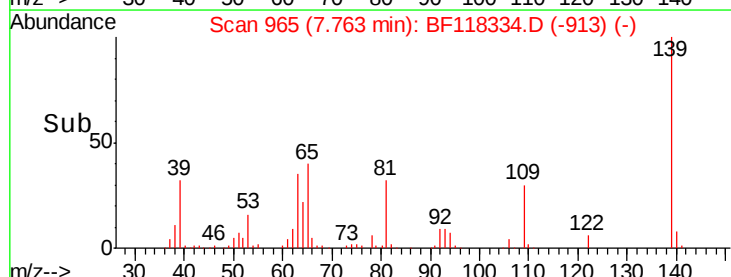
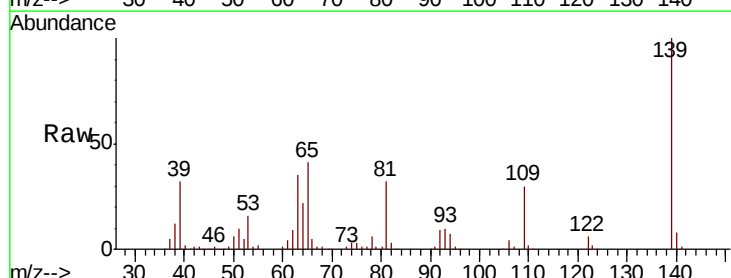
Tgt Ion: 139 Resp: 252162

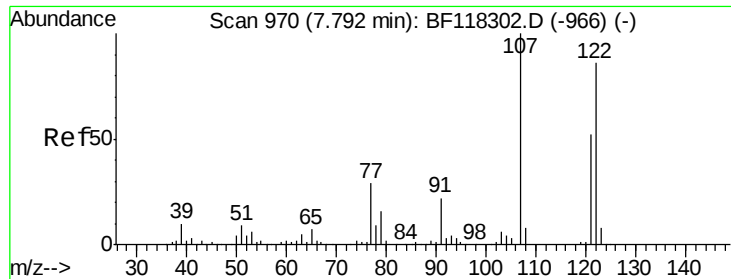
Ion Ratio Lower Upper

139 100

109 29.9 24.1 36.1

65 40.8 34.6 52.0

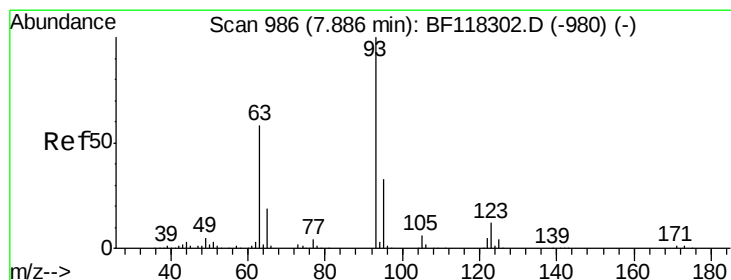
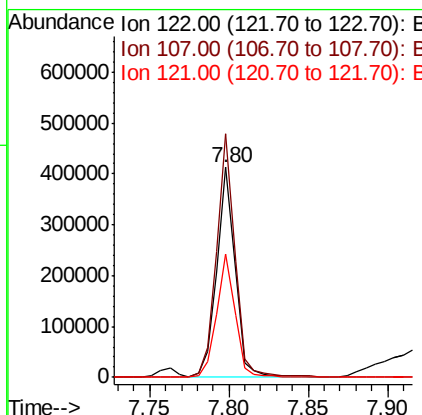
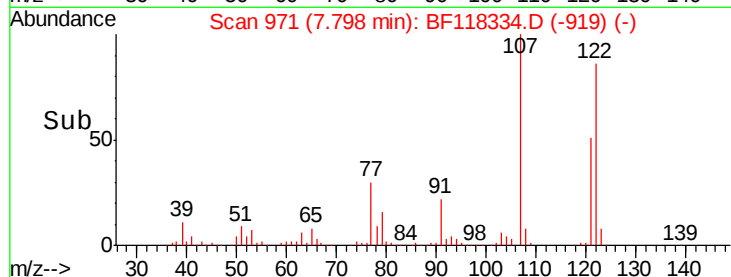
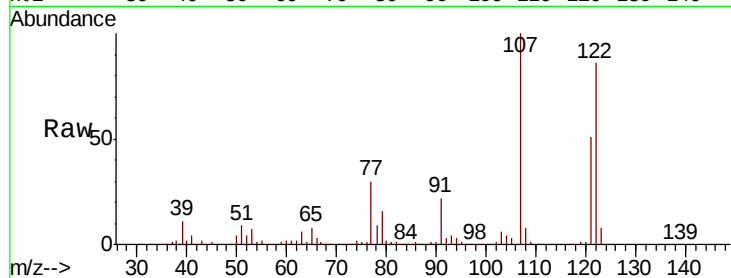




#27
 2,4-Dimethylphenol
 Concen: 37.293 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

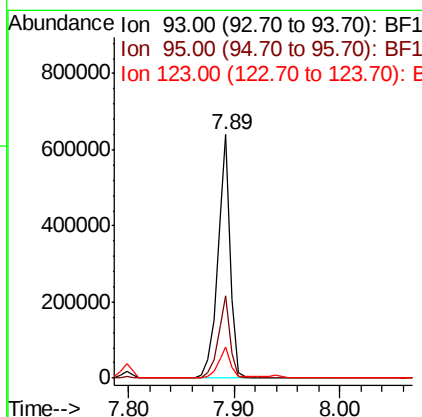
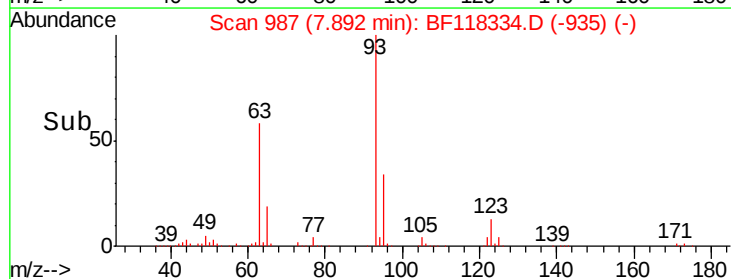
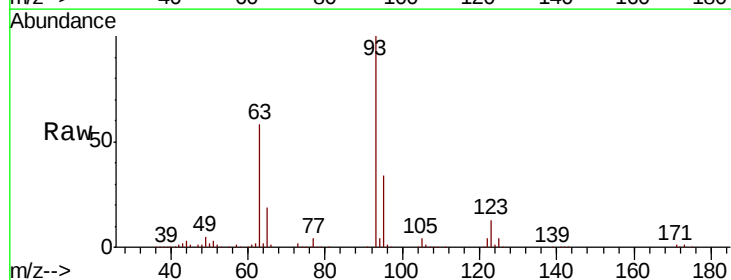
Instrument :
 BNA_F
 ClientSampleId :

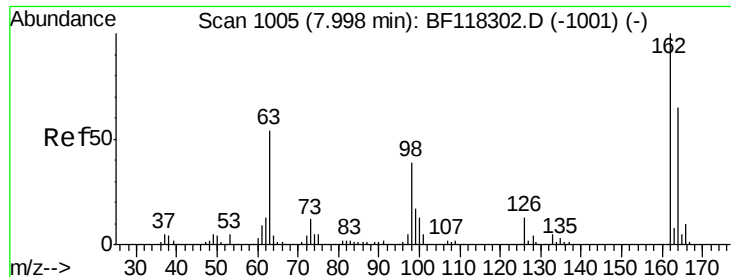
Tot Ion:122 Resp: 332717
 Ion Ratio Lower Upper
 122 100
 107 115.9 92.9 139.3
 121 58.8 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.259 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion: 93 Resp: 537423
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.2 39.4
 123 12.6 9.8 14.8

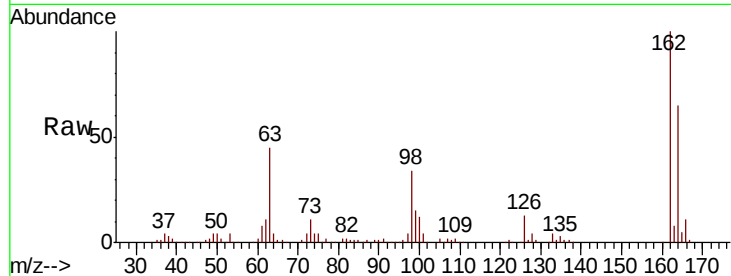




#29
2,4-Dichlorophenol
Concen: 38.177 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.1	85.1
98	33.6	18.6	58.6

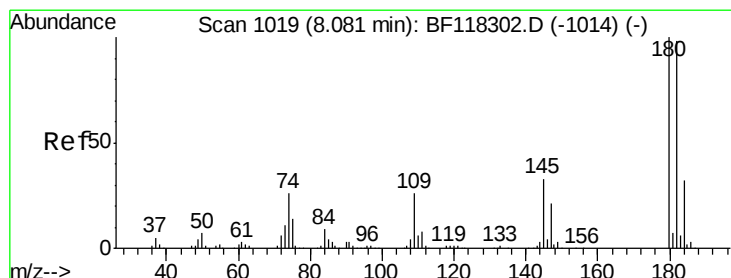
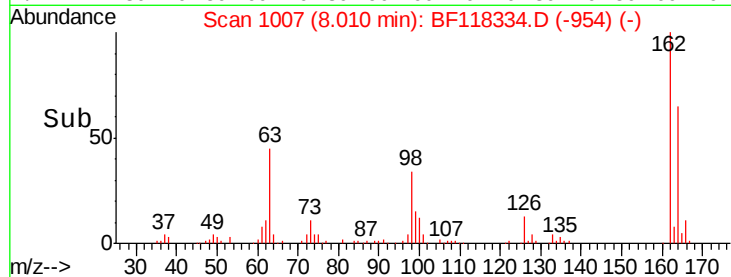
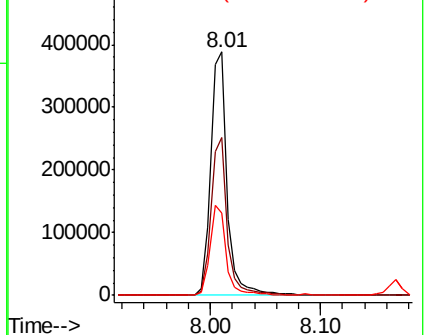


Abundance

Ion 162.00 (161.70 to 162.70): E

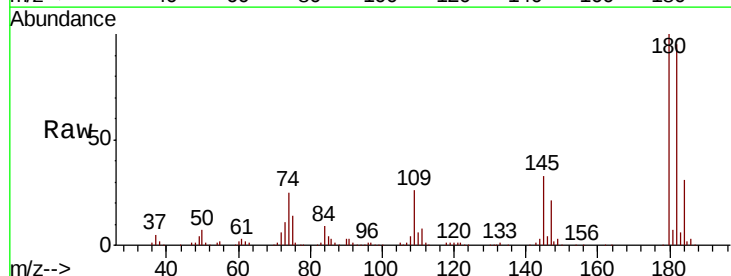
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.968 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.3	117.5
145	32.6	26.7	40.1

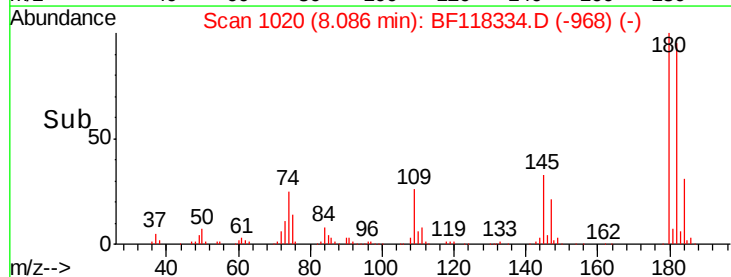
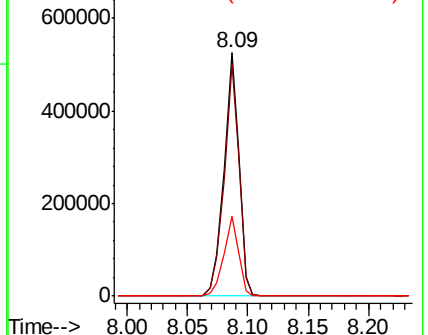


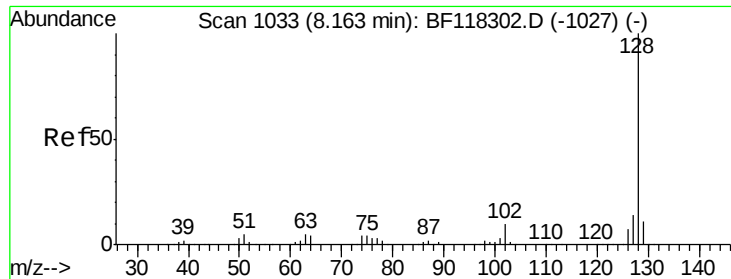
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

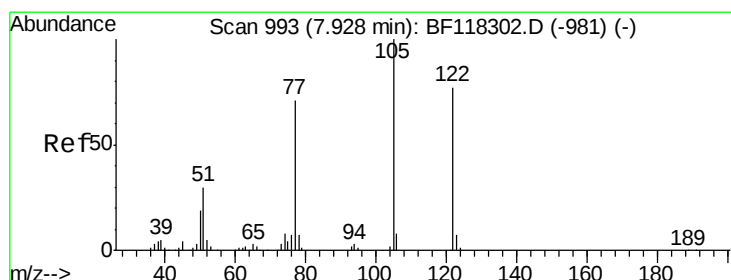
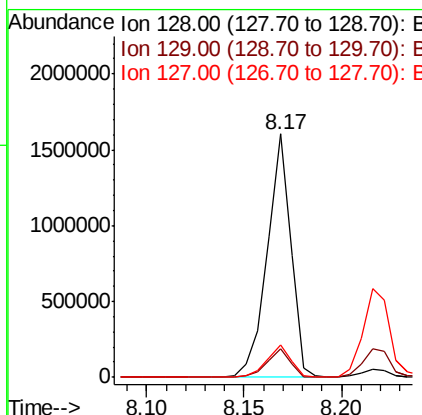
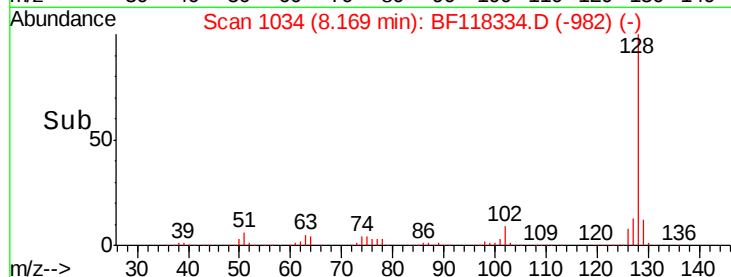
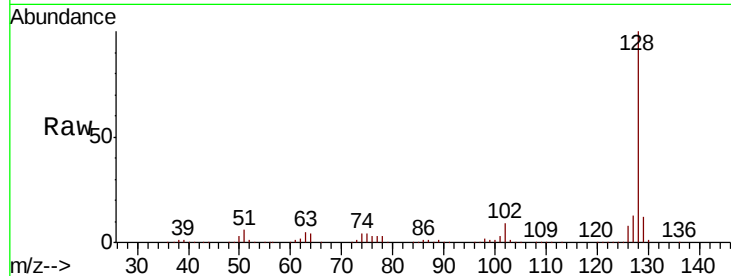




#31
Naphthalene
Concen: 37.722 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

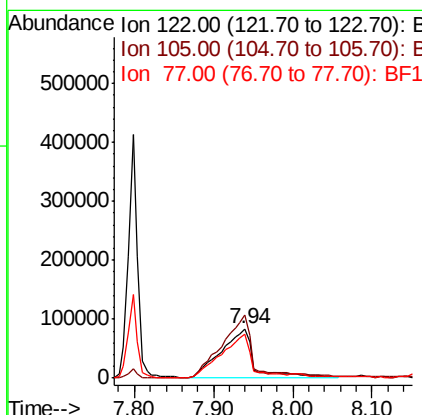
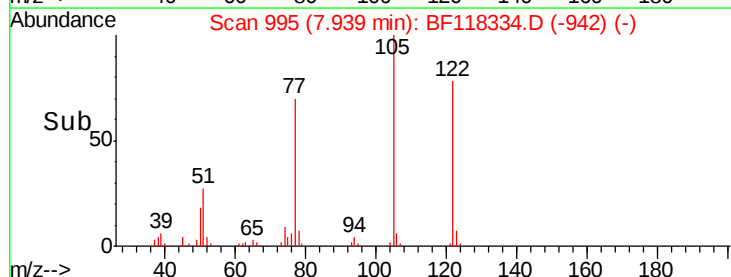
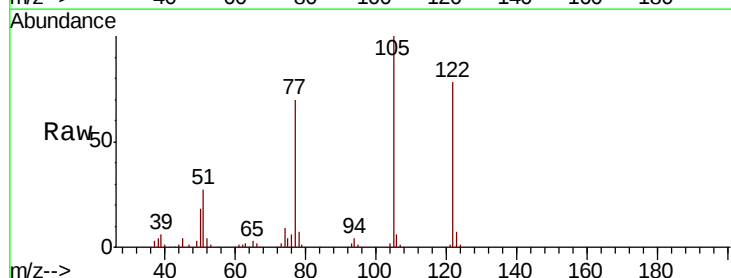
Instrument :
BNA_F
ClientSampleId :

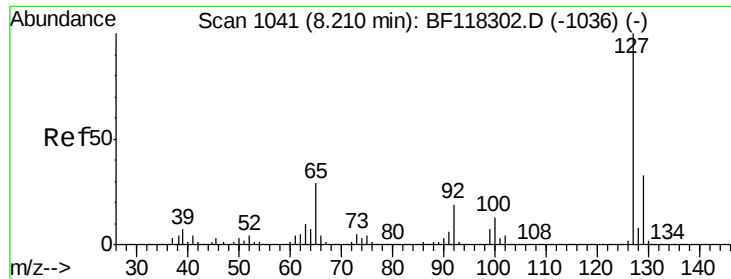
Tot Ion:128 Resp: 1351452
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 33.535 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:122 Resp: 238034
Ion Ratio Lower Upper
122 100
105 127.6 106.8 146.8
77 89.4 70.4 110.4

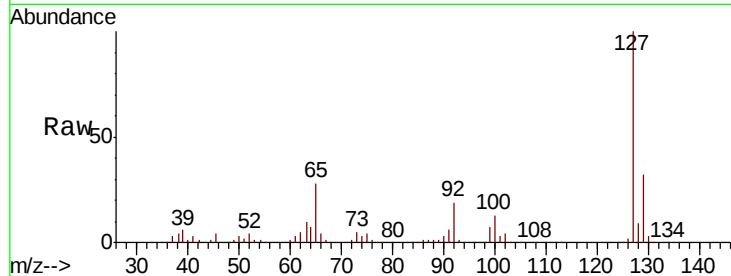




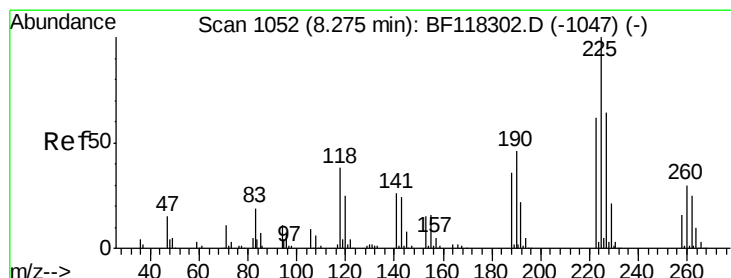
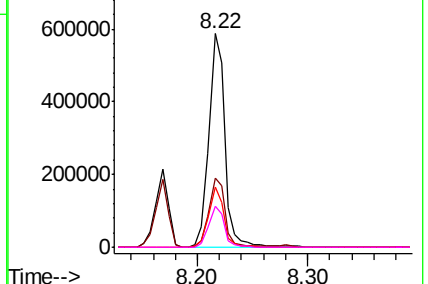
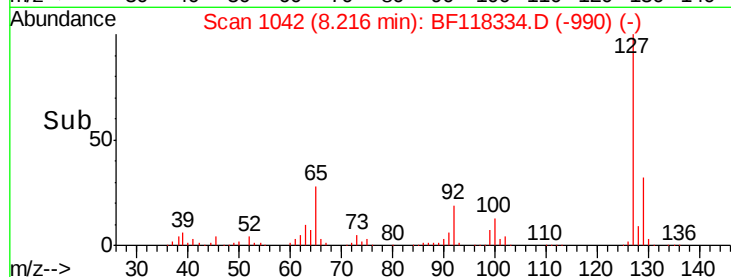
#33
 4-Chloroaniline
 Concen: 37.308 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	573009
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	28.2	22.8	34.2
92	19.3	15.5	23.3

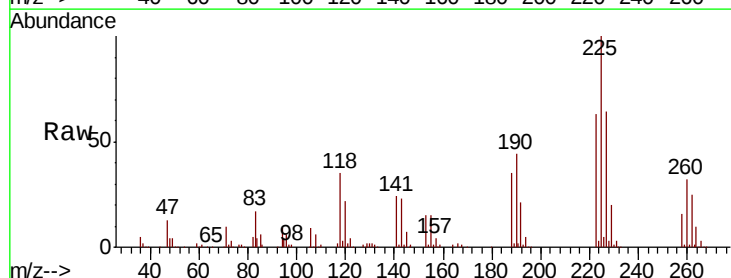


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

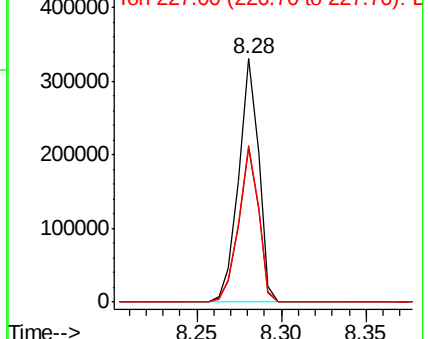
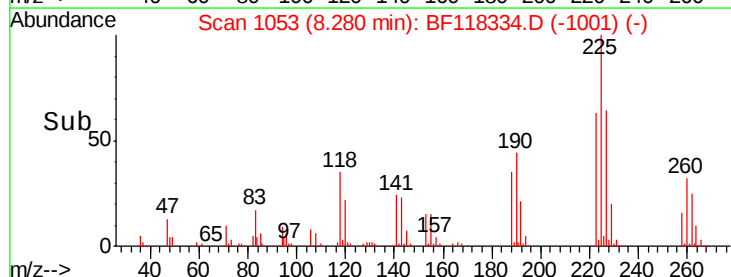


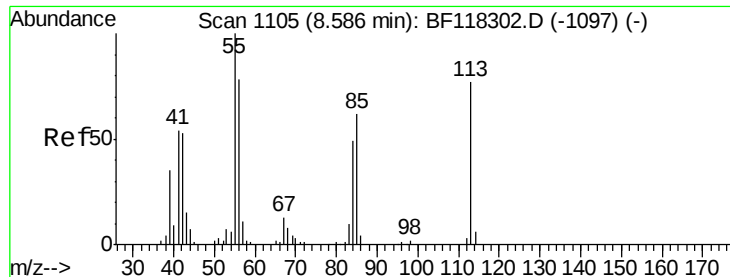
#34
 Hexachlorobutadiene
 Concen: 38.391 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:	225	Resp:	273368
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.5	74.3
227	64.4	51.0	76.4



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

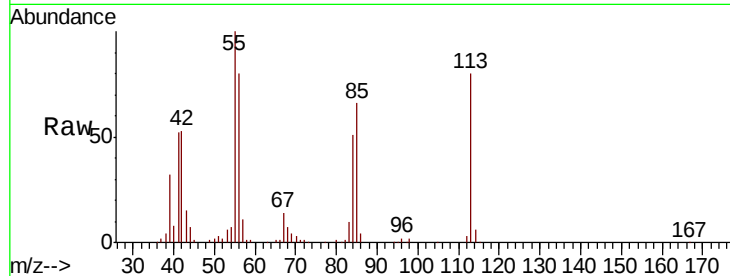




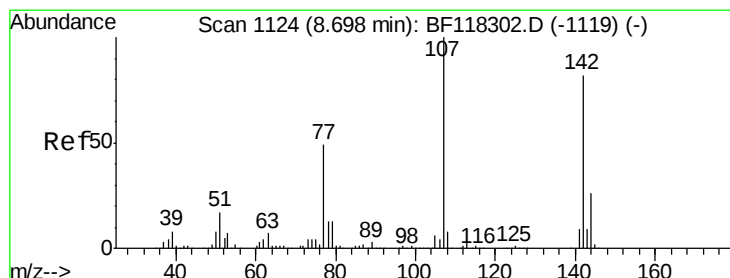
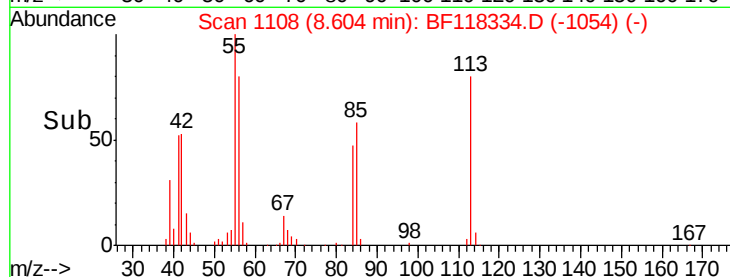
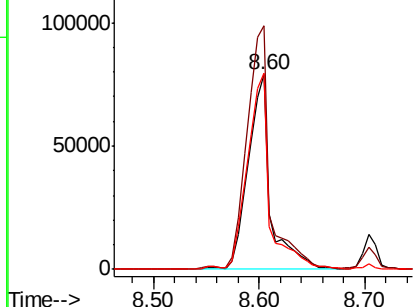
#35
 Caprolactam
 Concen: 36.415 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.02 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 116746
 Ion Ratio Lower Upper
 113 100
 55 125.2 109.8 149.8
 56 100.6 81.7 121.7

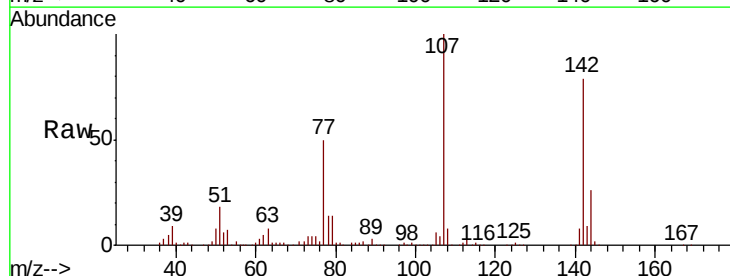


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

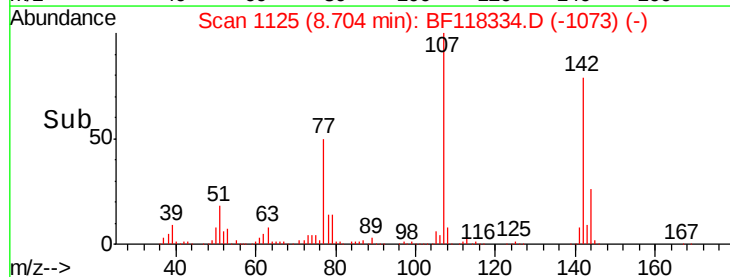
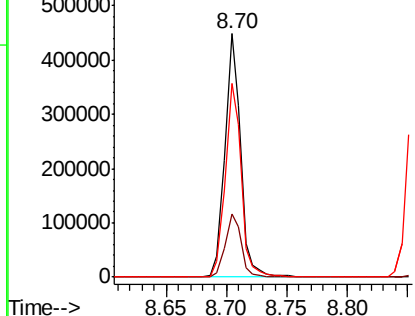


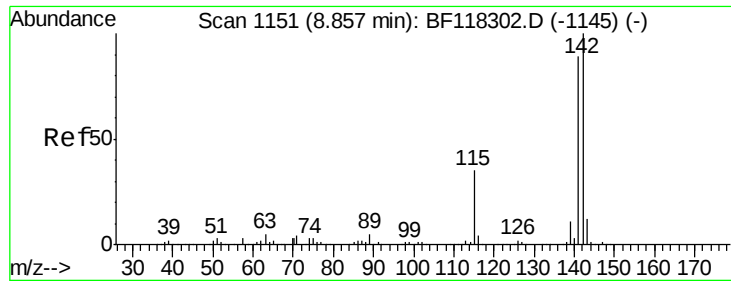
#36
 4-Chloro-3-methylphenol
 Concen: 36.602 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:107 Resp: 403543
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.2 31.8
 142 79.3 65.4 98.2



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

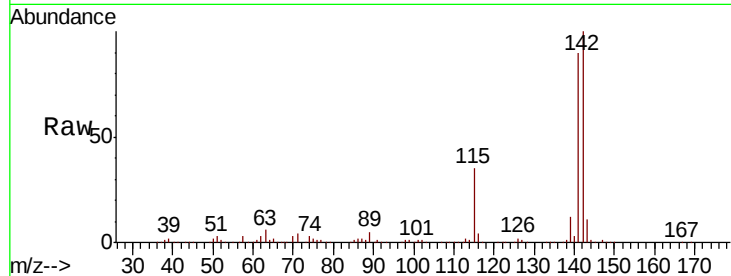




#37
2-Methylnaphthalene
Concen: 37.232 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	34.8	28.0	42.0

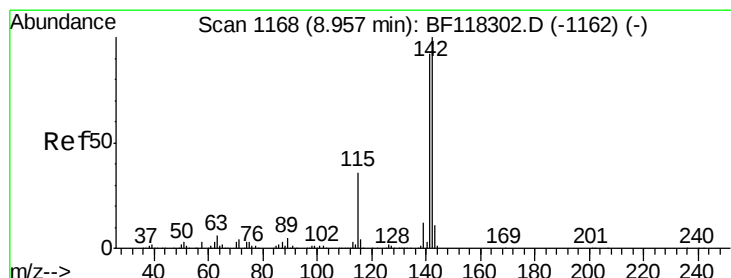
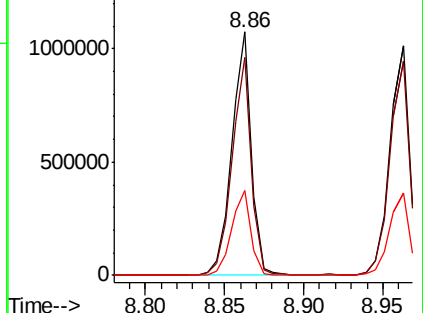
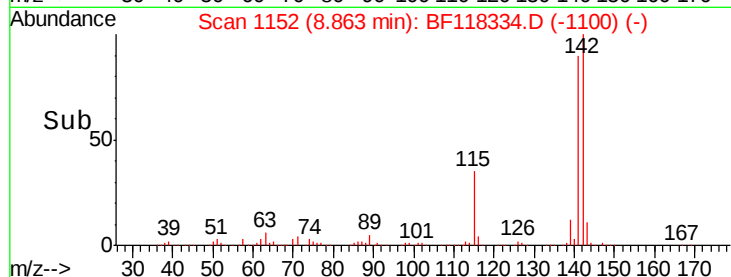


Abundance

Ion 142.00 (141.70 to 142.70): E

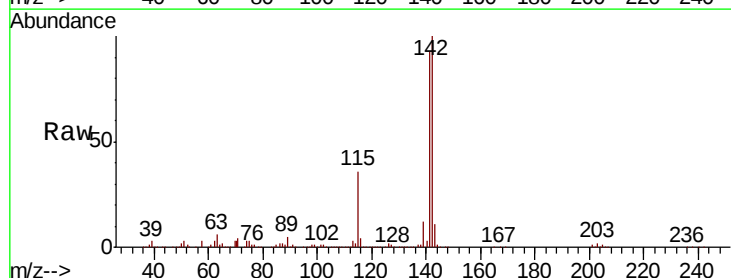
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.236 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2
116	3.7	2.9	4.3

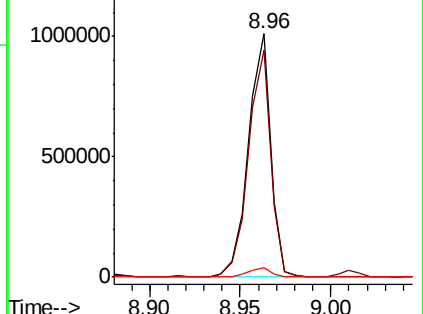
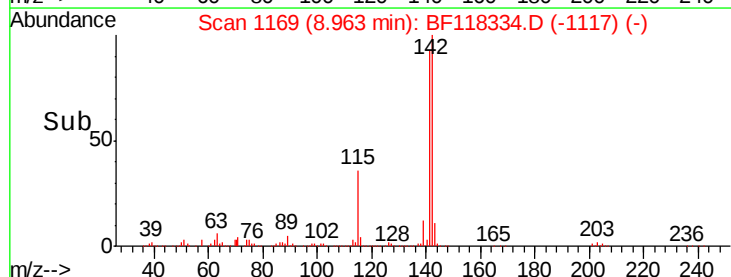


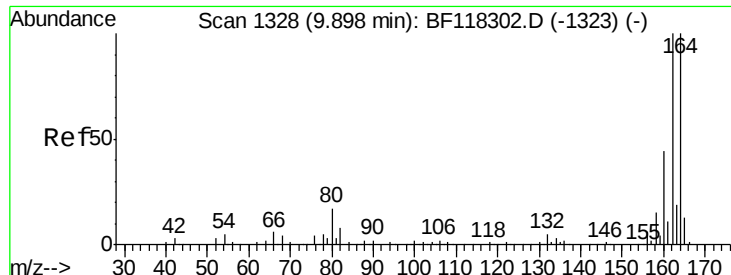
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

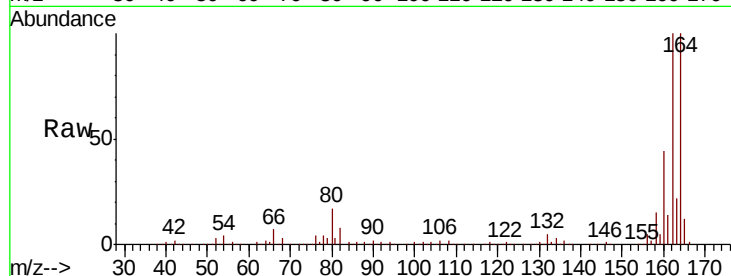
Tot Ion:164 Resp: 373548

Ion Ratio Lower Upper

164 100

162 100.3 80.0 120.0

160 43.9 34.8 52.2

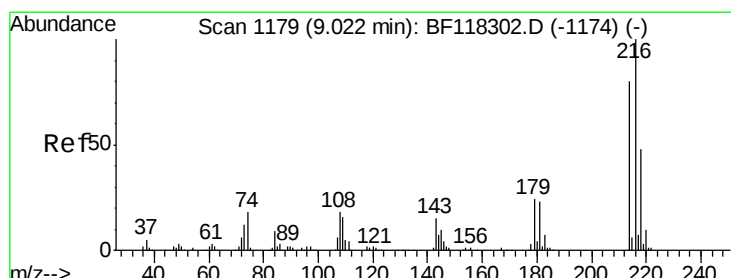
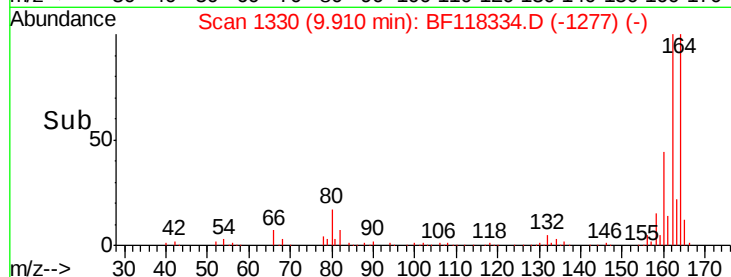
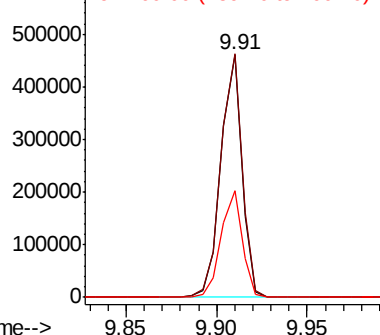


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.918 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:216 Resp: 425568

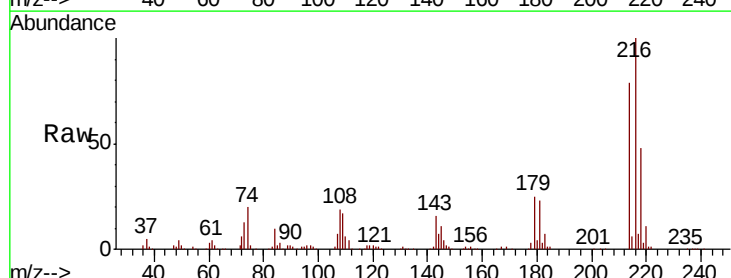
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 23.3 18.9 28.3

108 18.8 15.0 22.6



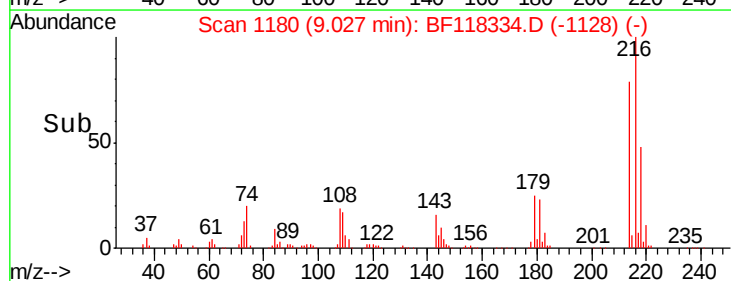
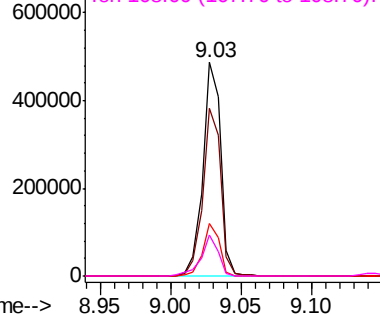
Abundance

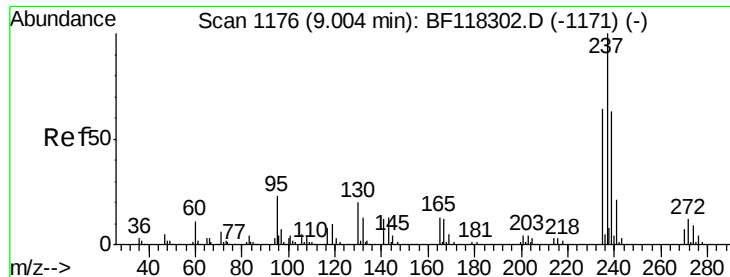
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.626 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

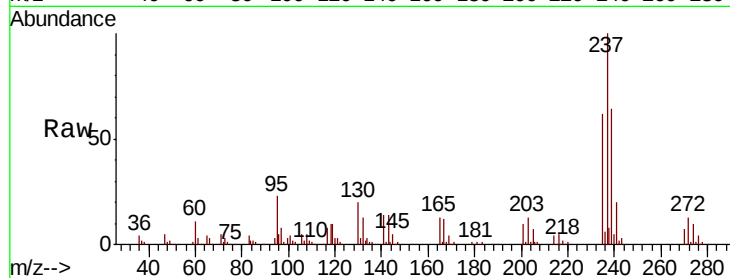
Tot Ion:237 Resp: 157644

Ion Ratio Lower Upper

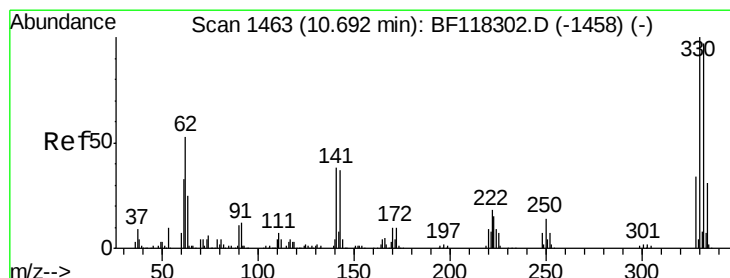
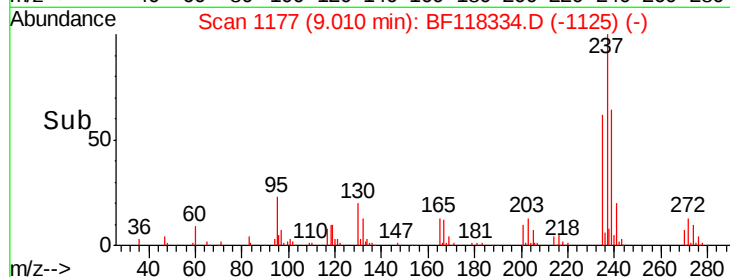
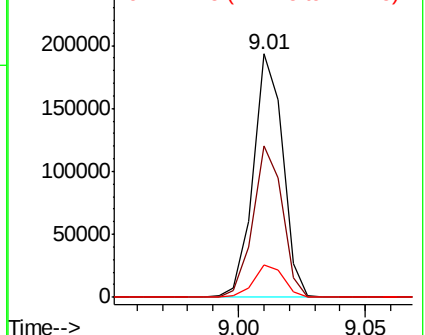
237 100

235 62.1 43.8 83.8

272 13.3 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 74.346 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

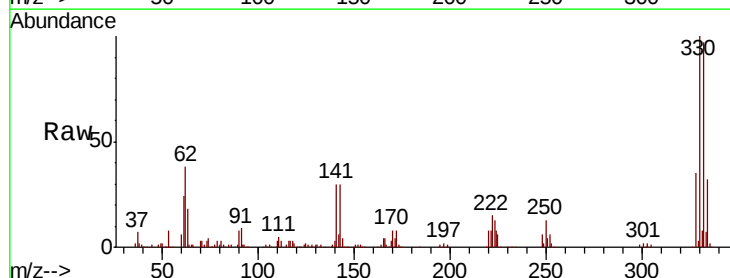
Tgt Ion:330 Resp: 342963

Ion Ratio Lower Upper

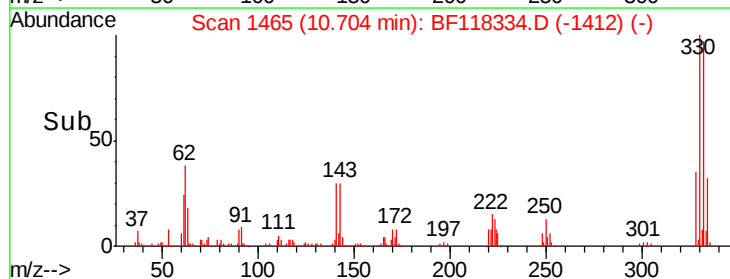
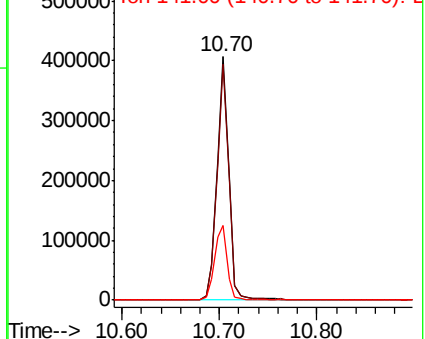
330 100

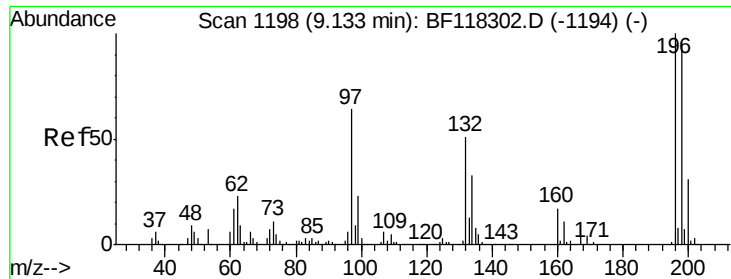
332 96.1 76.6 114.8

141 32.3 26.0 39.0



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

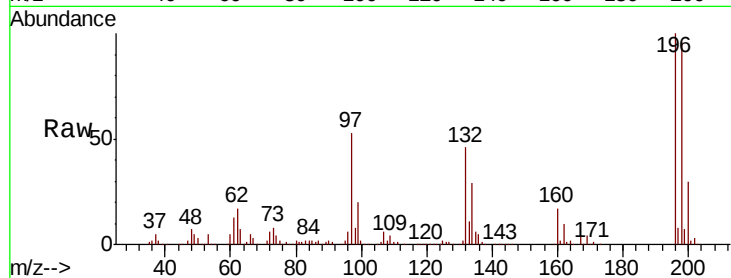




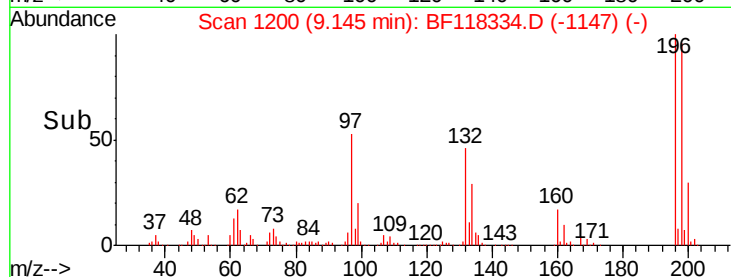
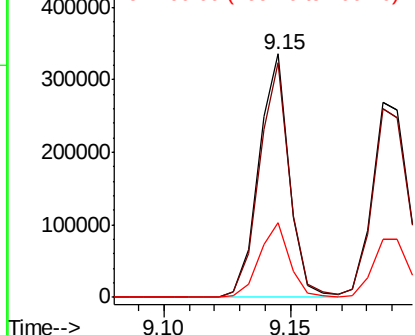
#43
 2,4,6-Trichlorophenol
 Concen: 37.394 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 280382
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.7 115.1
 200 30.5 24.8 37.2

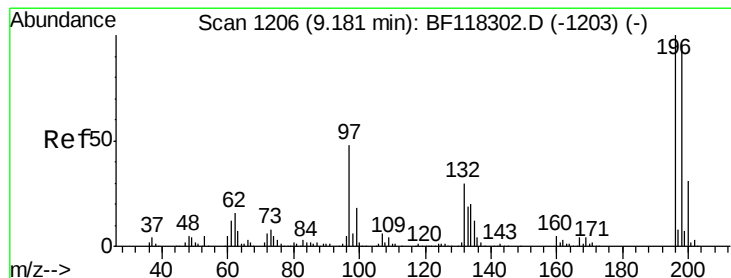


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

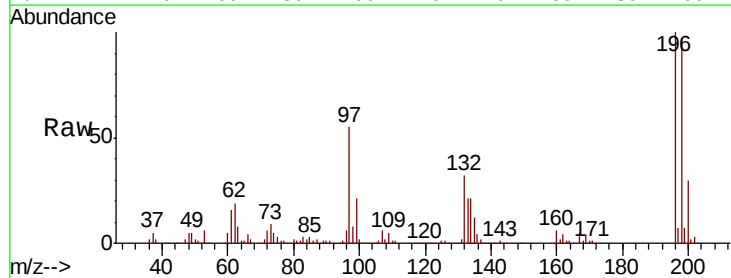
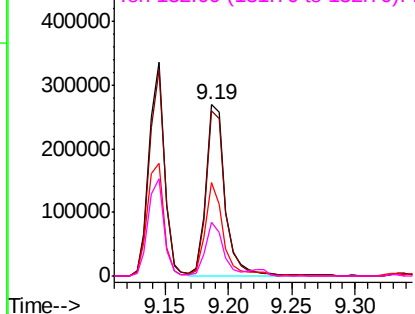


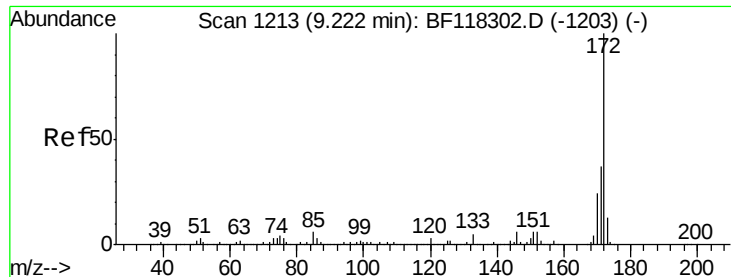
#44
 2,4,5-Trichlorophenol
 Concen: 37.269 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:196 Resp: 287467
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.4
 97 54.6 38.9 58.3
 132 31.6 23.9 35.9



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





#45

2-Fluorobiphenyl

Concen: 75.830 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

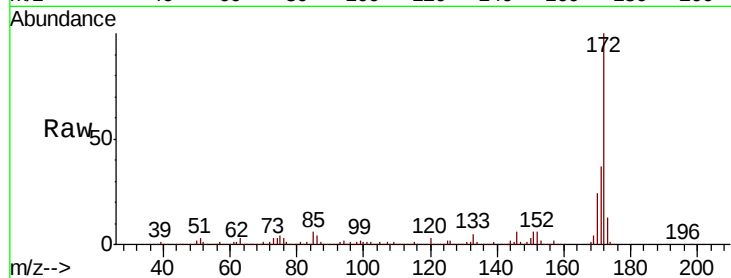
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1855654

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.1	19.2	28.8

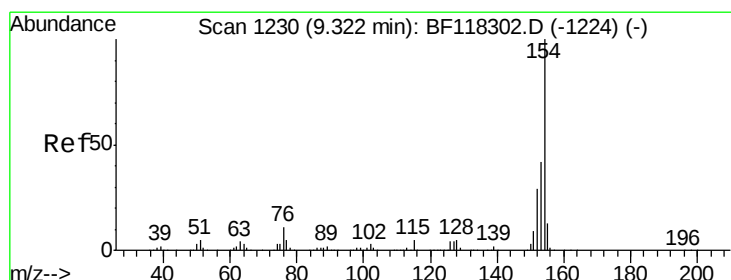
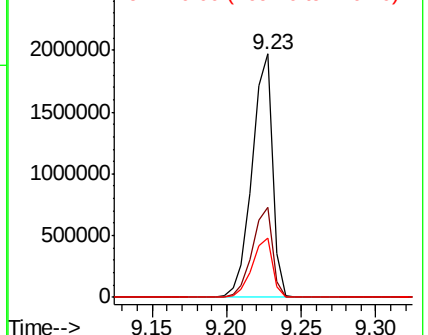
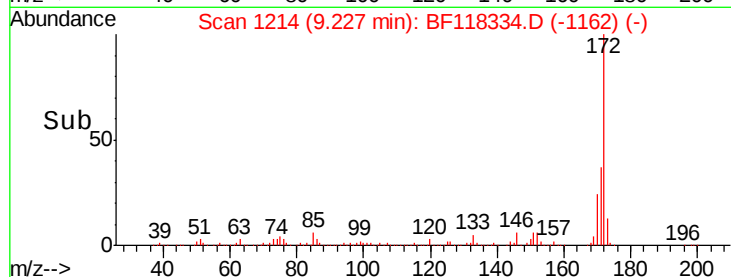


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.036 ng

RT: 9.33 min Scan# 1231

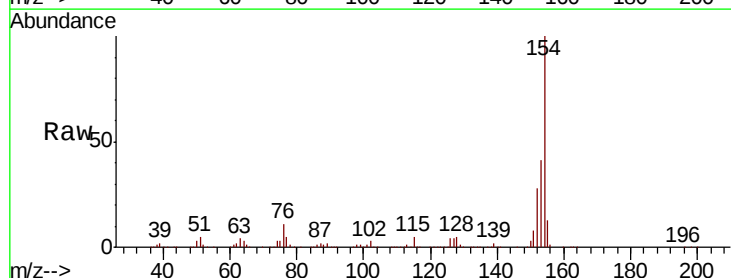
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:154 Resp: 1123793

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.8	61.8
76	11.3	0.0	30.9

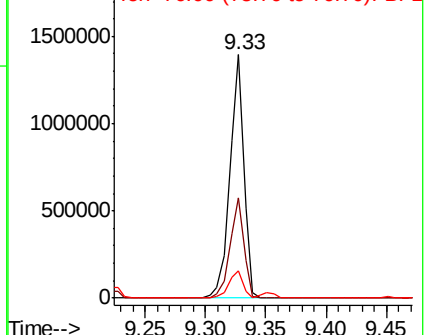
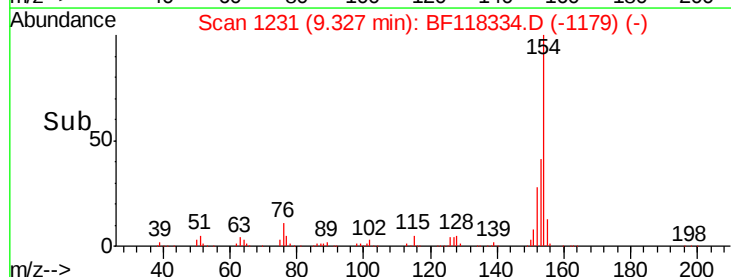


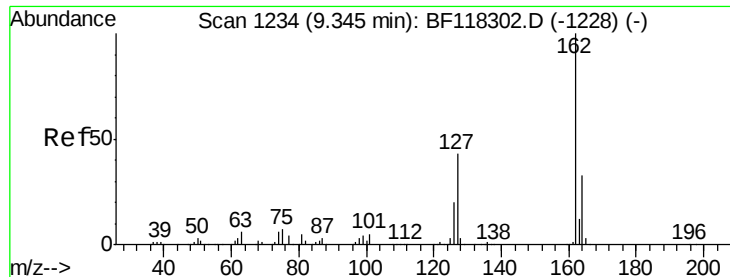
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

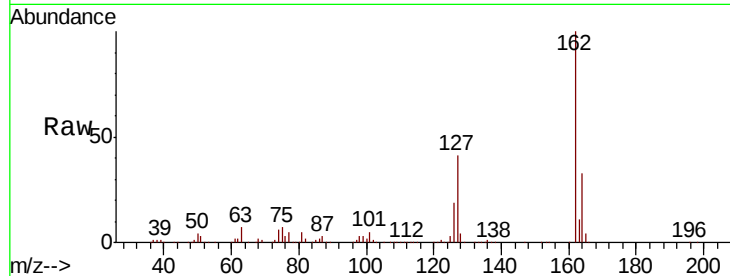




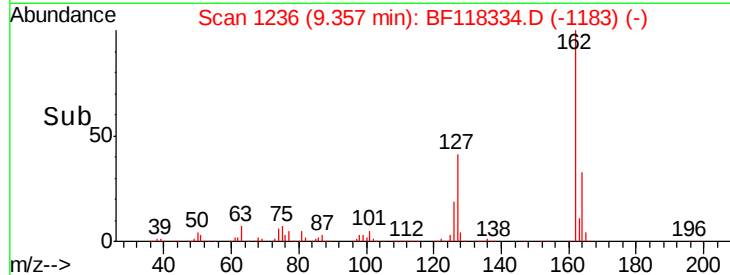
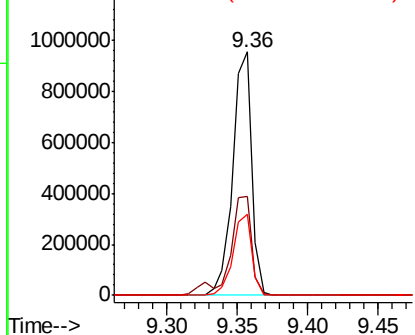
#47
 2-Chloronaphthalene
 Concen: 37.544 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 892774
 Ion Ratio Lower Upper
 162 100
 127 40.8 35.0 52.4
 164 33.2 26.6 40.0

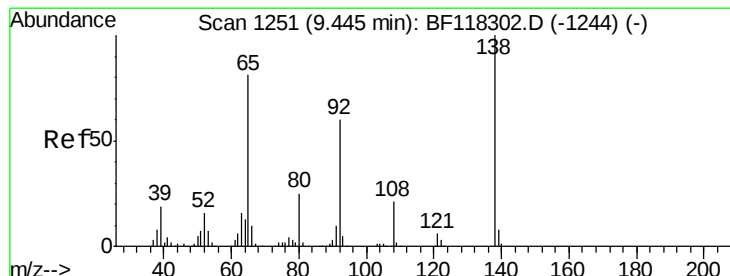


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

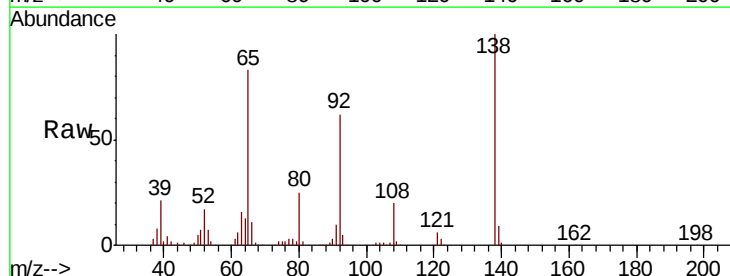
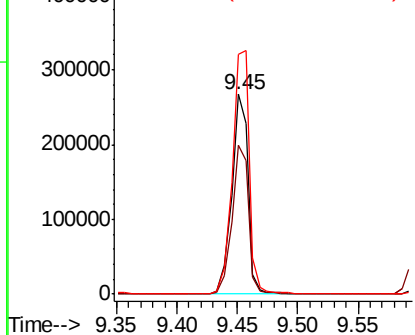


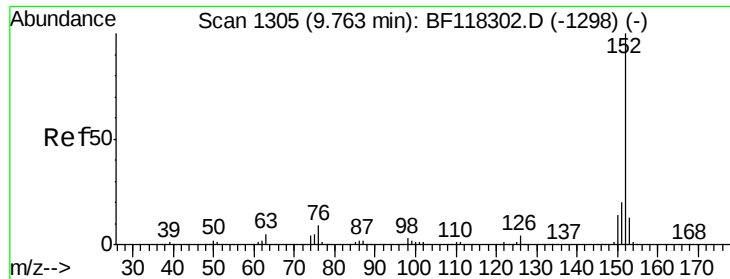
#48
 2-Nitroaniline
 Concen: 37.545 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion: 65 Resp: 252174
 Ion Ratio Lower Upper
 65 100
 92 74.4 58.7 88.1
 138 120.0 98.5 147.7



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





#49

Acenaphthylene

Concen: 37.476 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

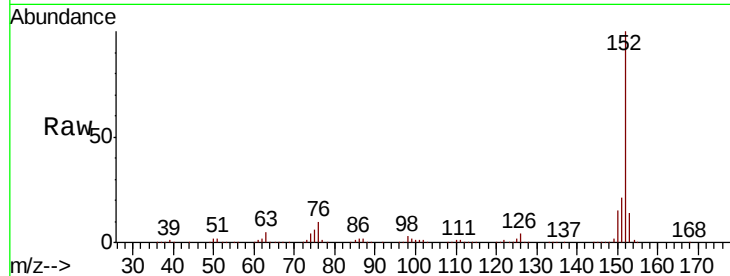
Tot Ion:152 Resp: 1321673

Ion Ratio Lower Upper

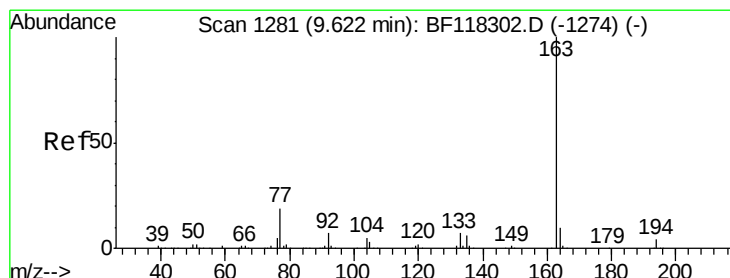
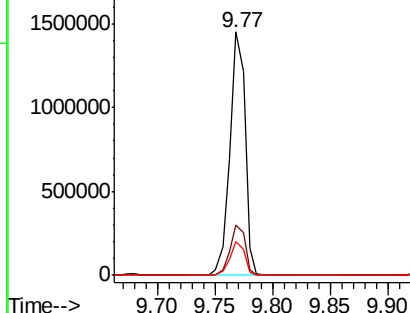
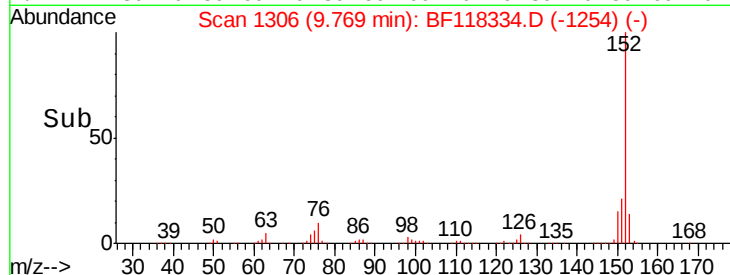
152 100

151 20.7 16.2 24.2

153 13.7 10.5 15.7



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



#50

Dimethylphthalate

Concen: 37.445 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

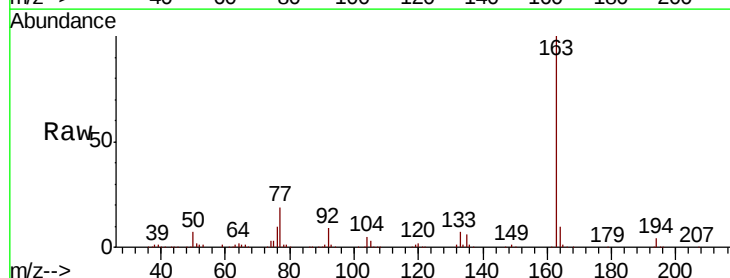
Tgt Ion:163 Resp: 1049956

Ion Ratio Lower Upper

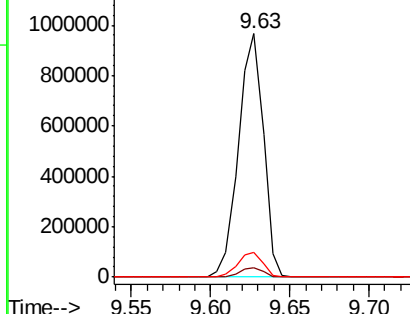
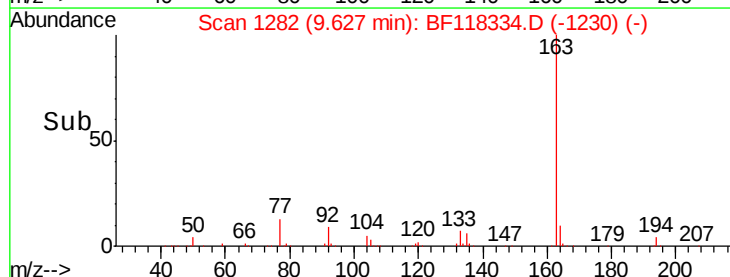
163 100

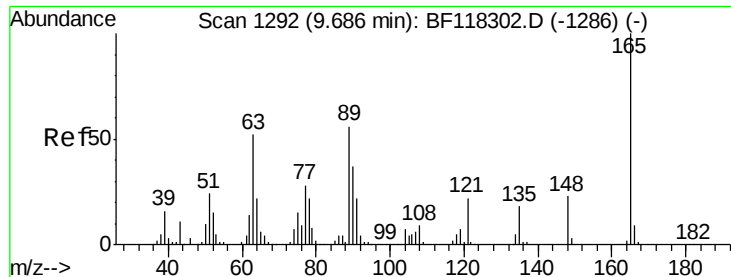
194 3.9 3.2 4.8

164 10.2 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 37.462 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampled :

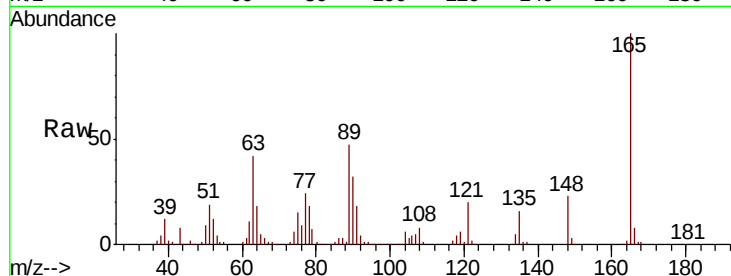
Tot Ion:165 Resp: 226463

Ion Ratio Lower Upper

165 100

63 41.7 42.2 63.4#

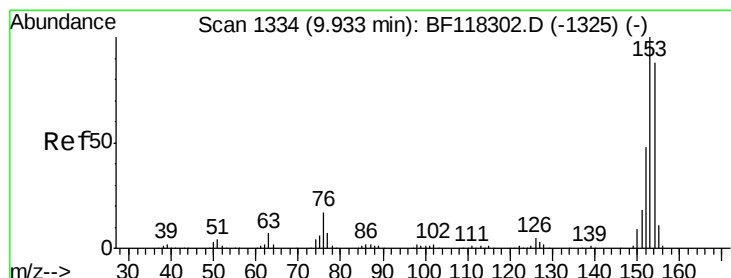
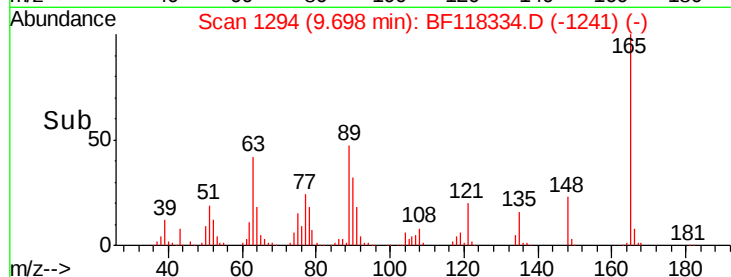
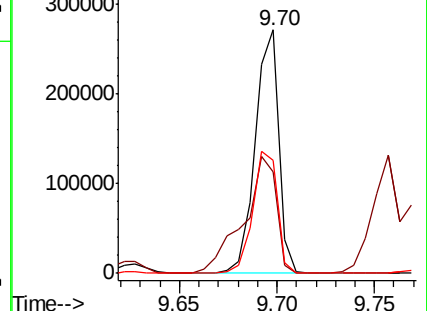
89 46.5 44.4 66.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.511 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

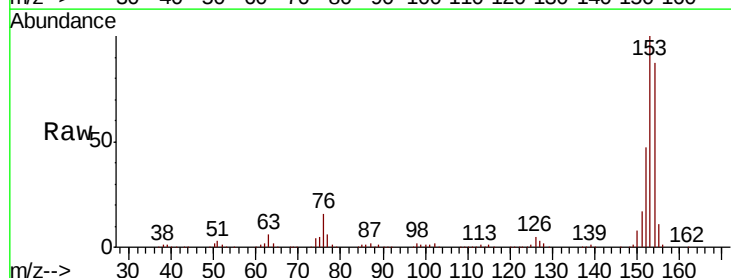
Tgt Ion:154 Resp: 805788

Ion Ratio Lower Upper

154 100

153 115.4 90.6 136.0

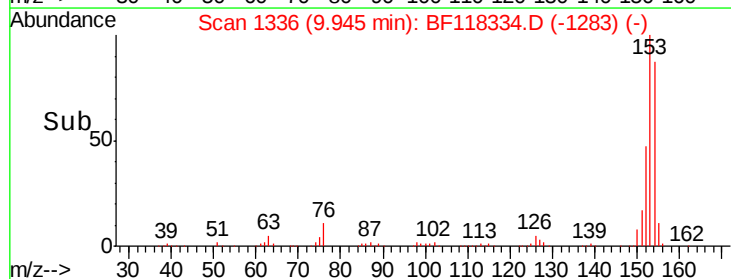
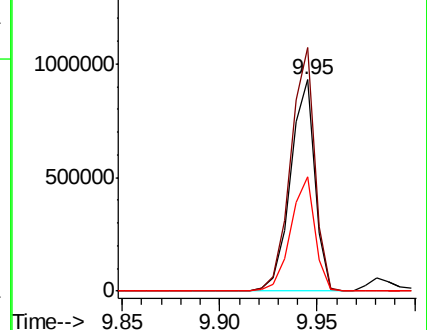
152 54.2 43.1 64.7

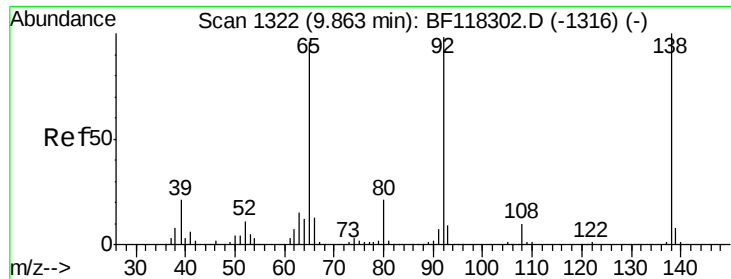


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

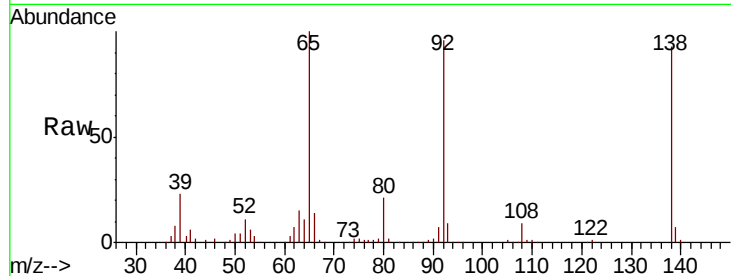




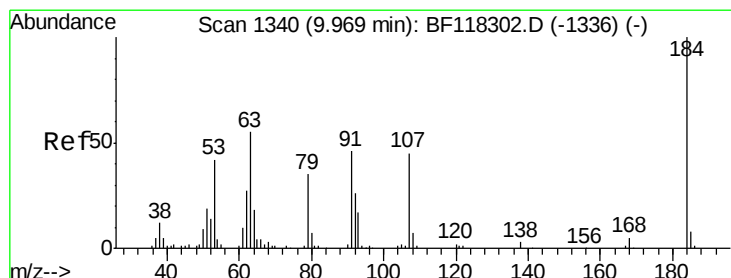
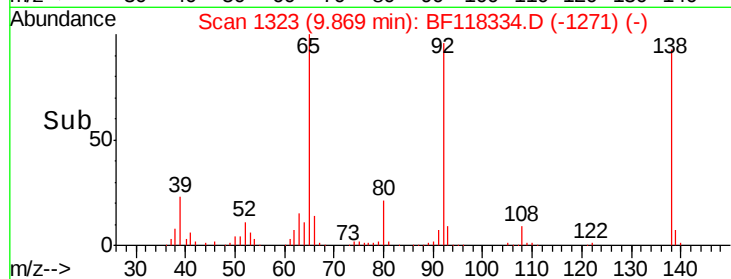
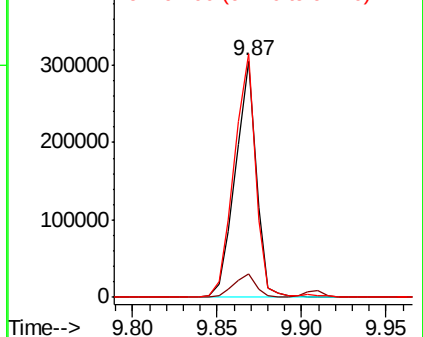
#53
3-Nitroaniline
Concen: 37.206 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 263988
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.8
92 103.0 78.2 117.2

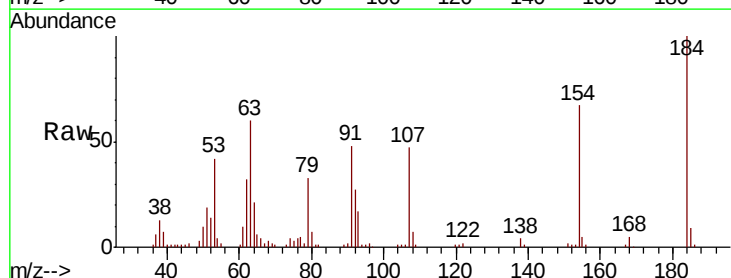


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

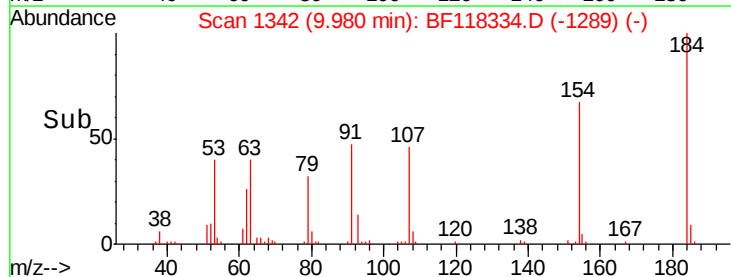
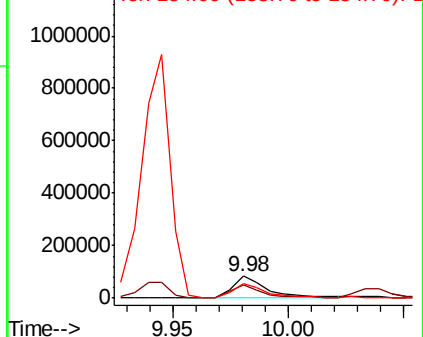


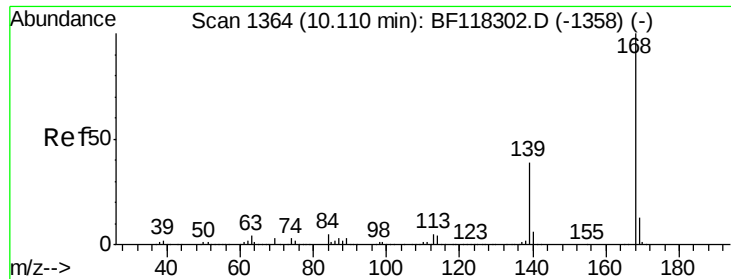
#54
2,4-Dinitrophenol
Concen: 31.555 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:184 Resp: 85948
Ion Ratio Lower Upper
184 100
63 60.2 48.8 73.2
154 66.8 55.0 82.4



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

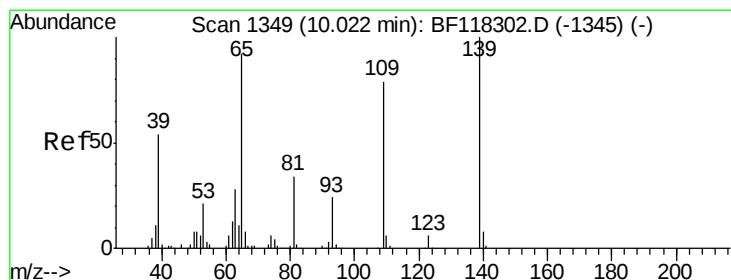
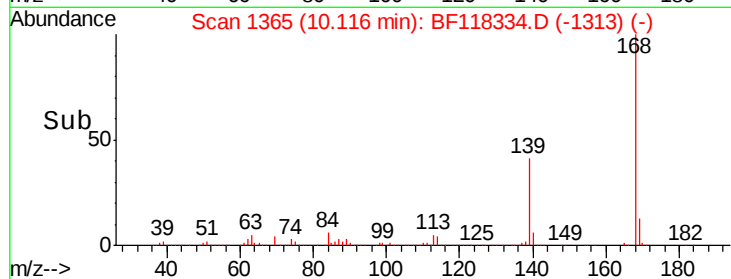
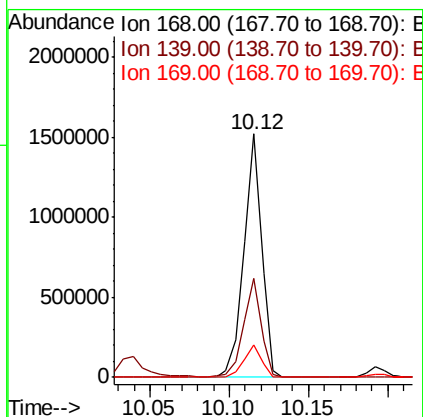
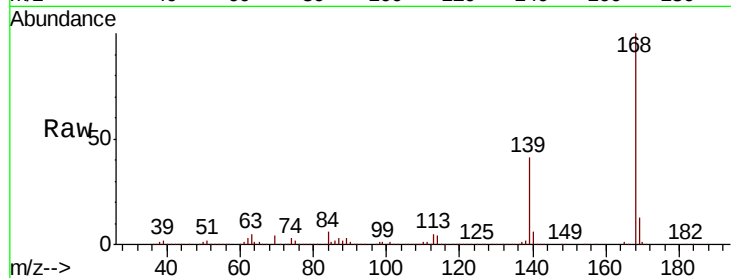




#55
Dibenzenofuran
Concen: 37.352 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

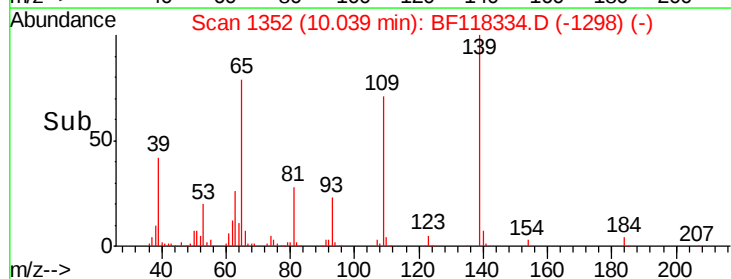
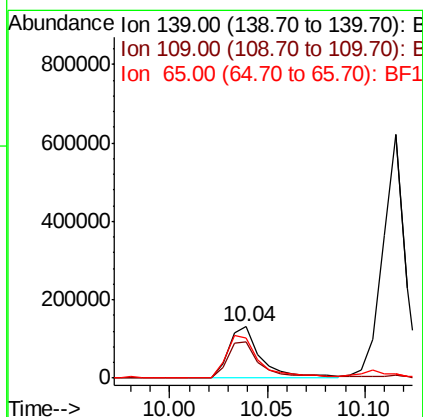
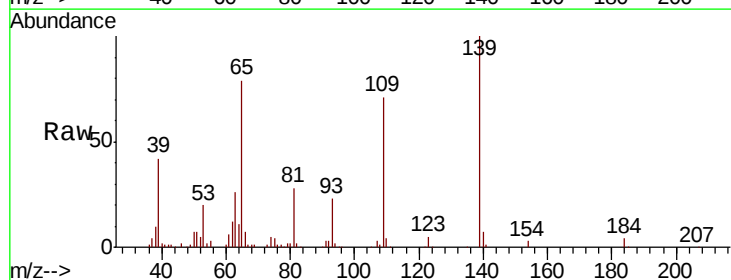
Instrument :
BNA_F
ClientSampleId :

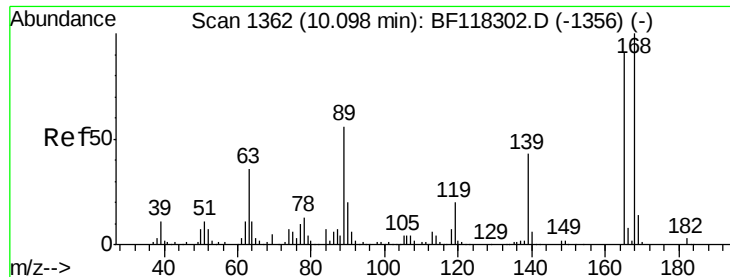
Tot Ion:168 Resp: 1185571
Ion Ratio Lower Upper
168 100
139 40.8 31.5 47.3
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 34.959 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:139 Resp: 153125
Ion Ratio Lower Upper
139 100
109 70.7 59.3 99.3
65 78.8 72.4 112.4

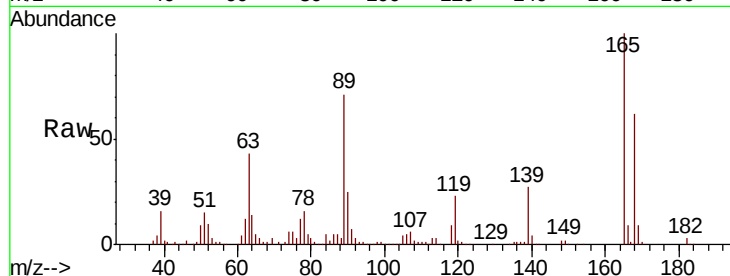




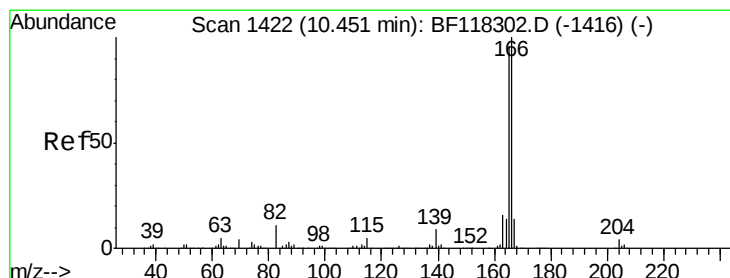
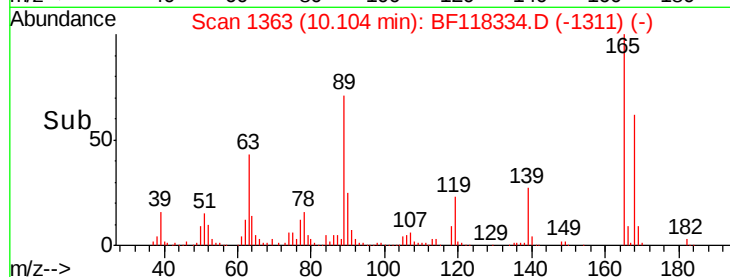
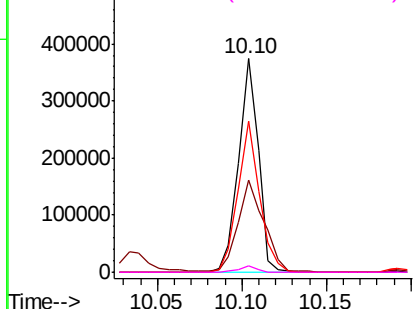
#57
2,4-Dinitrotoluene
Concen: 37.399 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	32.0	48.0
89	70.8	49.3	73.9
182	2.7	2.4	3.6

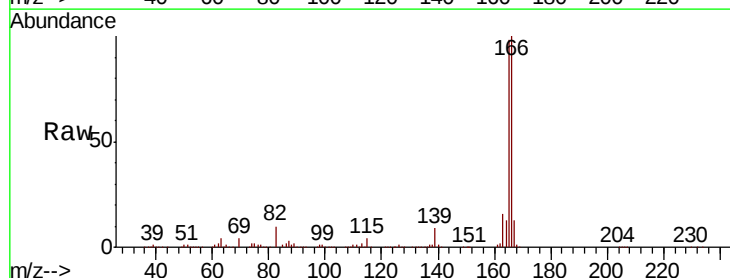


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

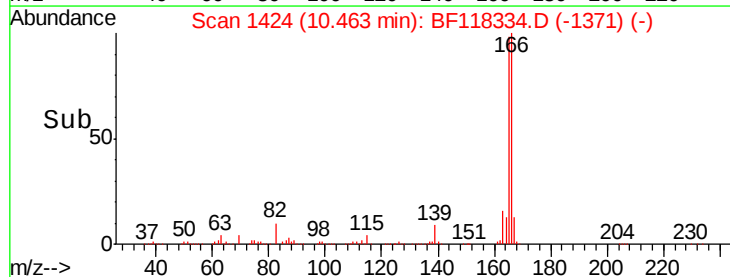
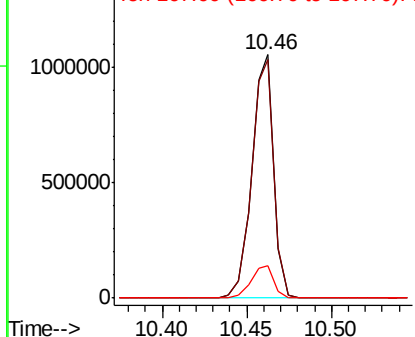


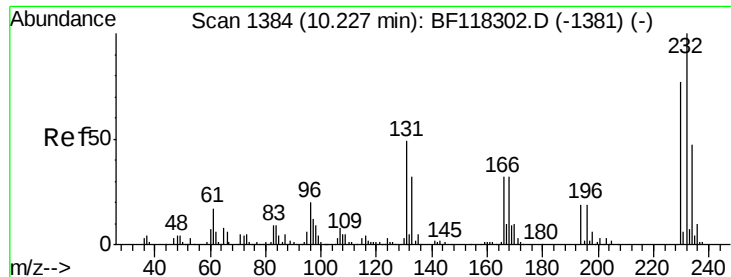
#58
Fluorene
Concen: 36.970 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.0	115.4
167	13.5	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

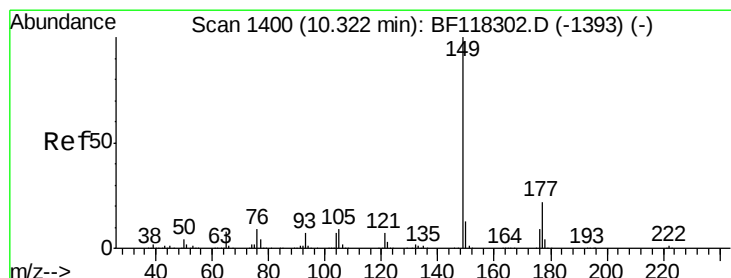
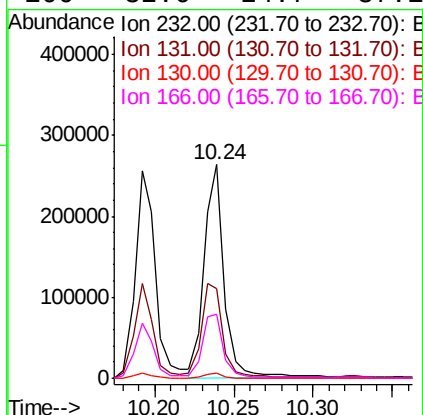
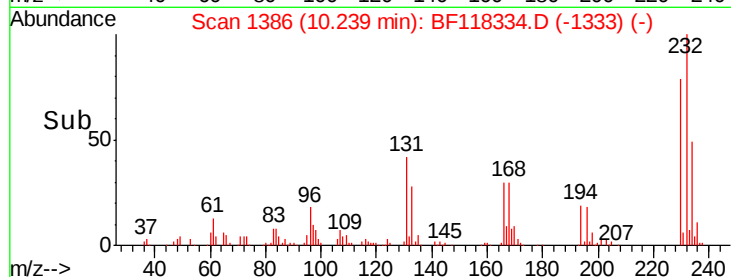
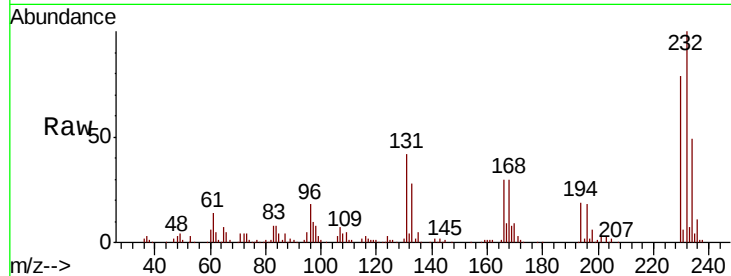




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.538 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

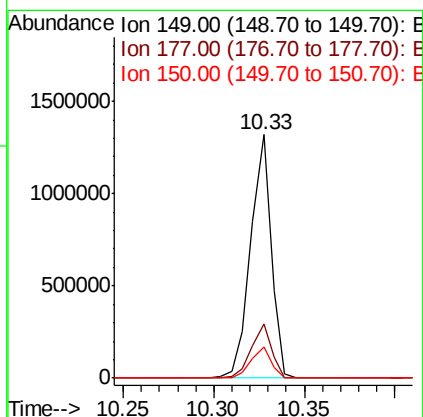
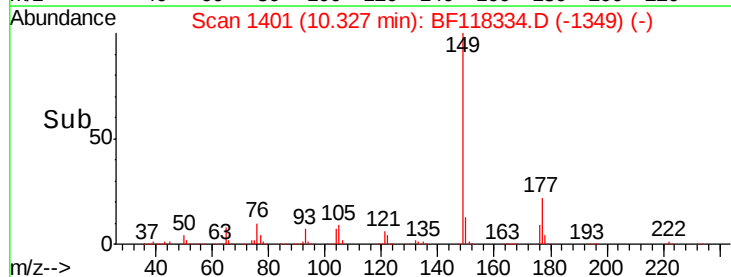
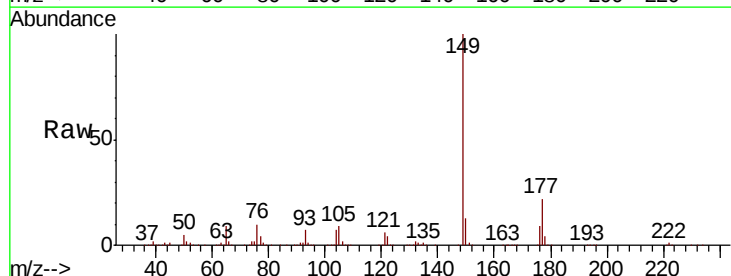
Instrument :
BNA_F
ClientSampleId :

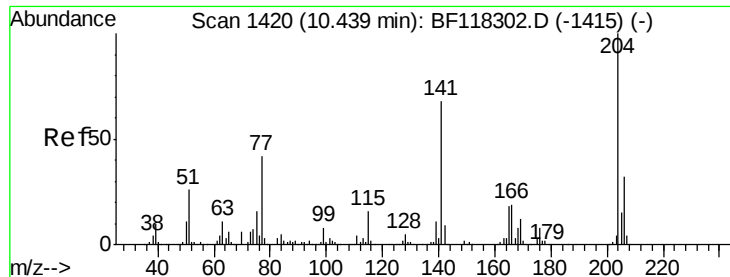
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.7	56.5
130	2.5	2.0	3.0
166	32.6	24.7	37.1



#60
Diethylphthalate
Concen: 37.775 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.9	10.2	15.2

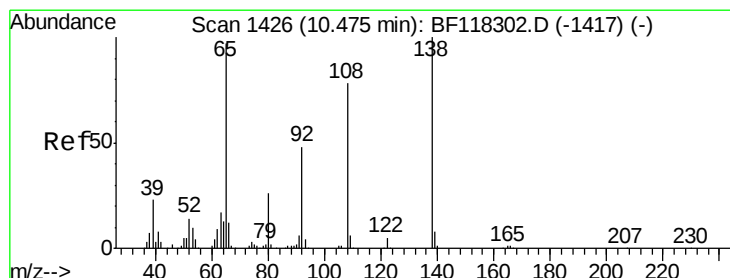
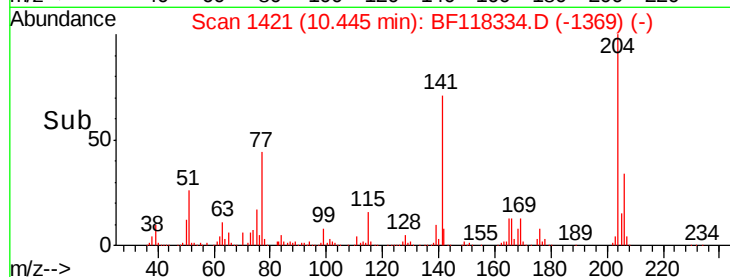
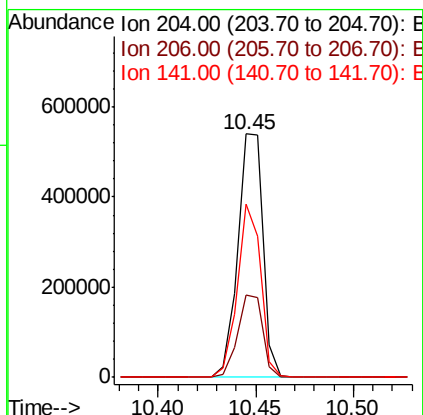
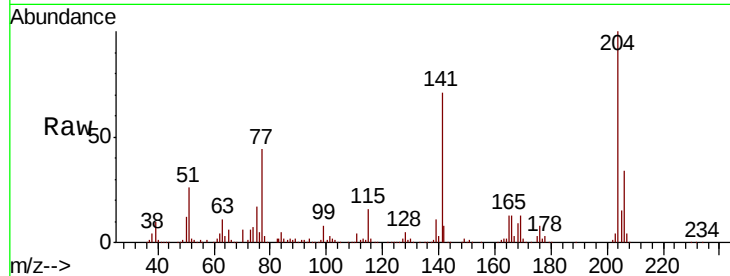




#61
4-Chlorophenyl-phenylether
Concen: 37.788 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

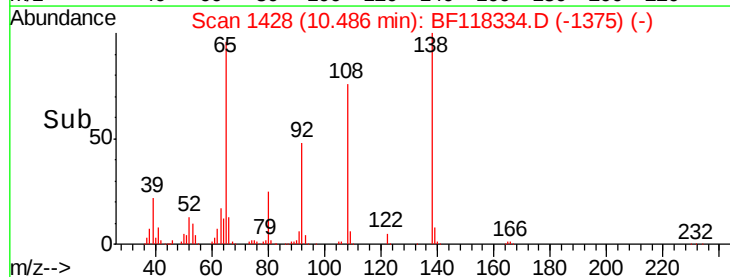
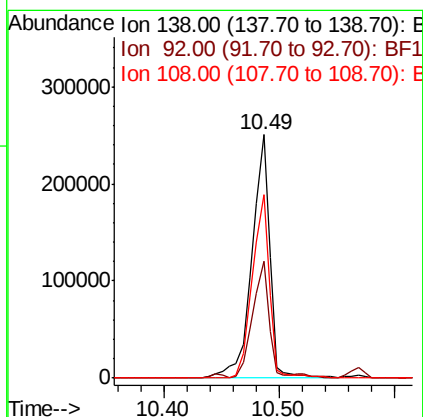
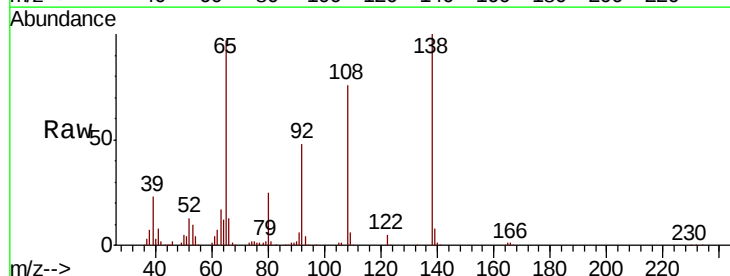
Instrument :
BNA_F
ClientSampleId :

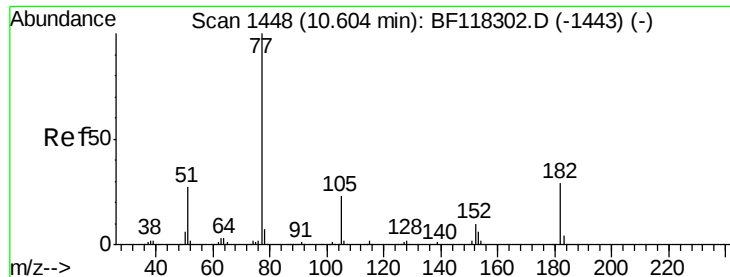
Tot Ion:204 Resp: 483352
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.8
141 70.9 54.2 81.4



#62
4-Nitroaniline
Concen: 36.824 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:138 Resp: 271424
Ion Ratio Lower Upper
138 100
92 48.1 27.9 67.9
108 75.6 58.1 98.1

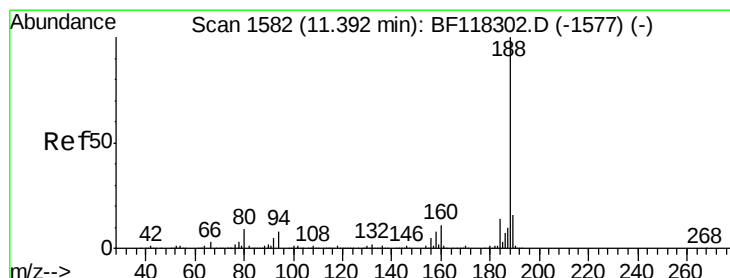
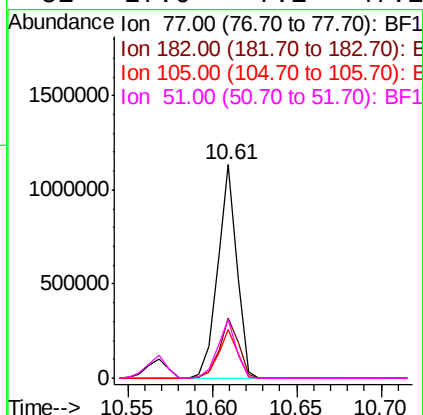
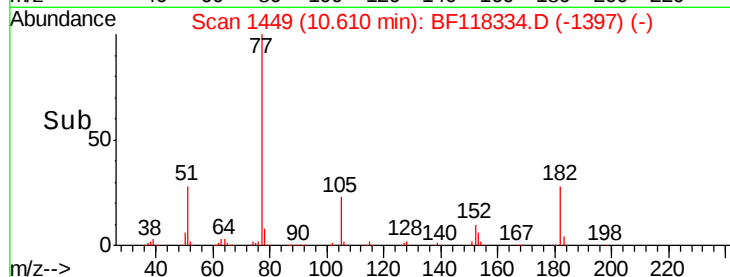
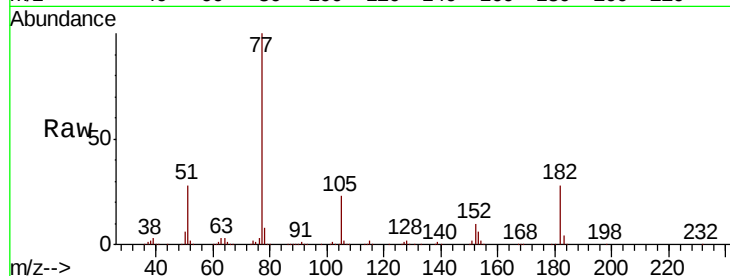




#63
Azobenzene
Concen: 37.775 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

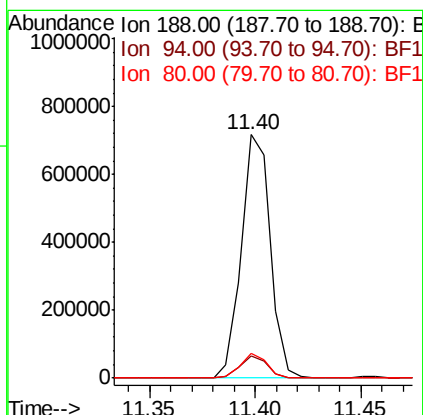
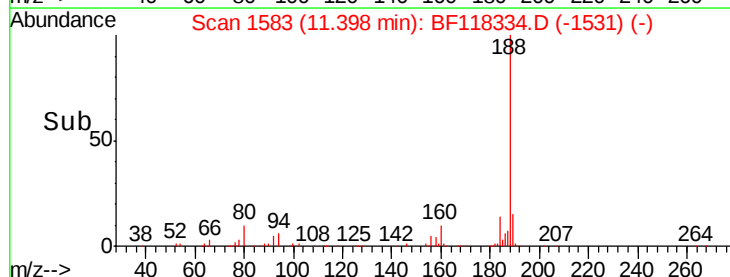
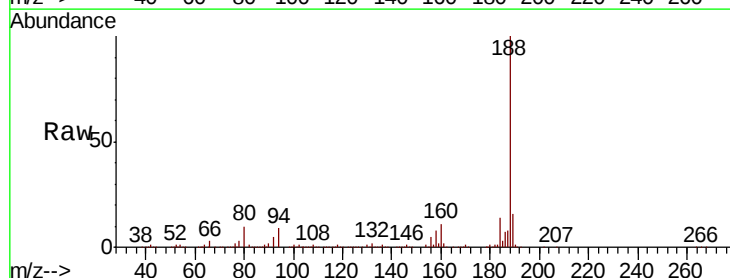
Instrument :
BNA_F
ClientSampleId :

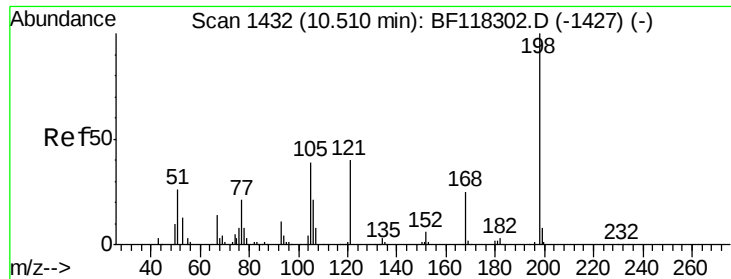
Tot Ion:	77	Resp:	897566
Ion	Ratio	Lower	Upper
77	100		
182	28.0	9.2	49.2
105	23.0	3.2	43.2
51	27.6	7.1	47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:	188	Resp:	678584
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	10.0	7.2	10.8

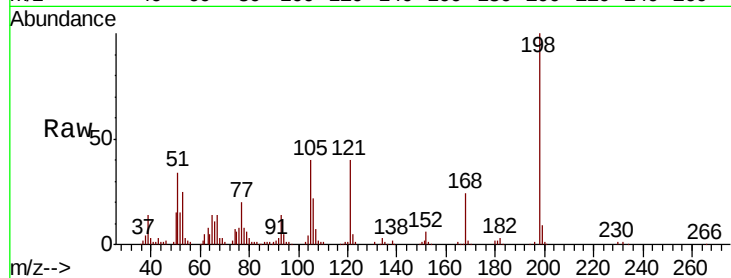




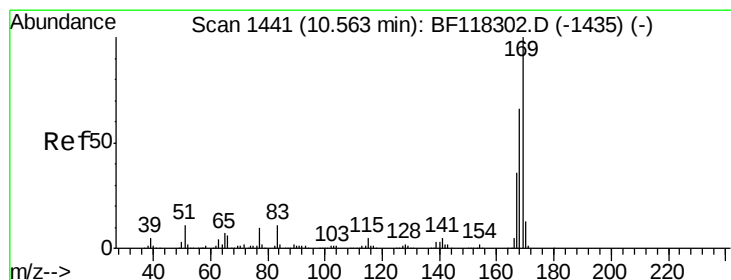
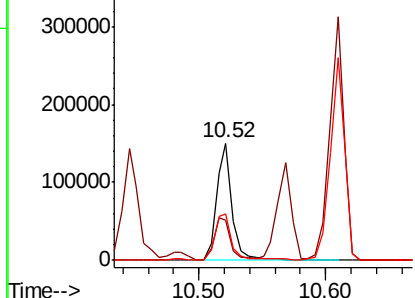
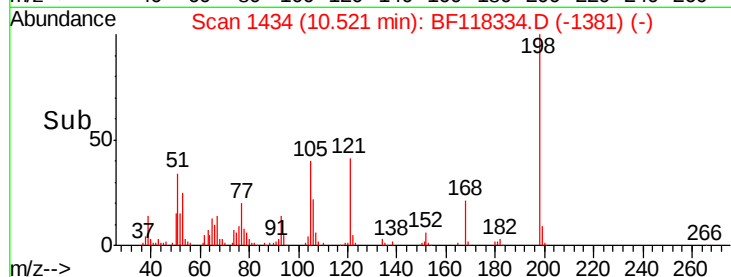
#65
4,6-Dinitro-2-methylphenol
Concen: 35.885 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 131366
Ion Ratio Lower Upper
198 100
51 33.9 12.8 52.8
105 39.5 20.3 60.3

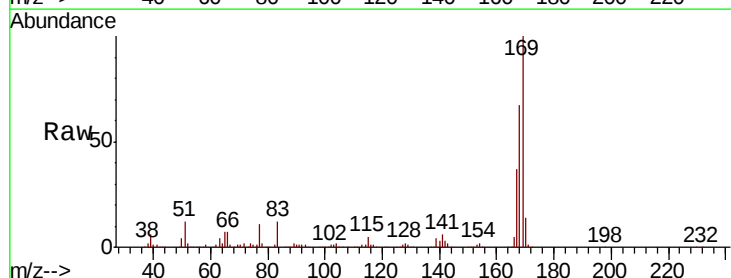


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

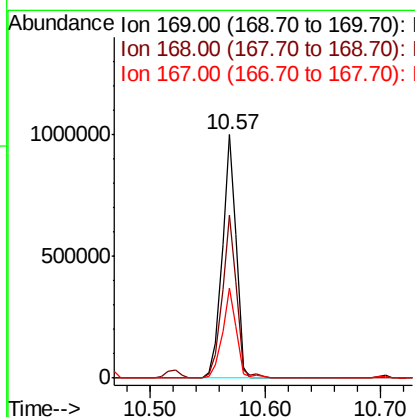
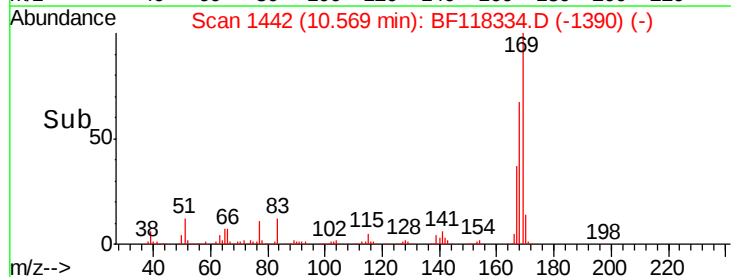


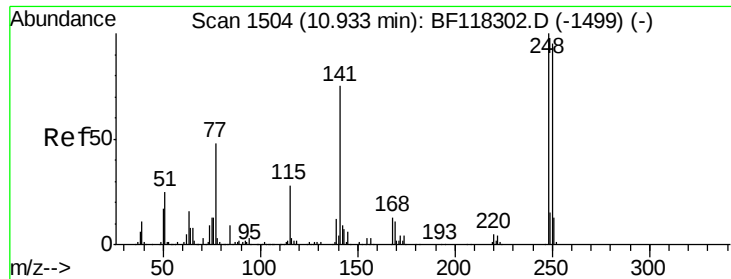
#66
n-Nitrosodiphenylamine
Concen: 38.382 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:169 Resp: 834750
Ion Ratio Lower Upper
169 100
168 67.1 52.6 79.0
167 36.8 28.4 42.6



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

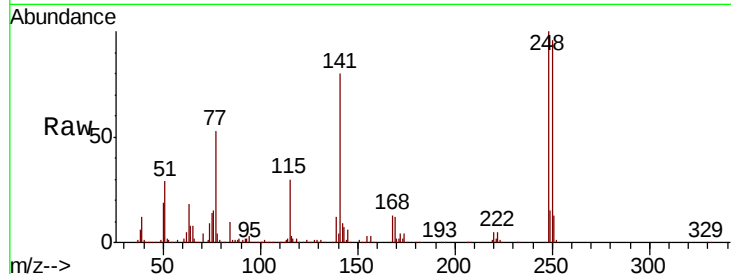




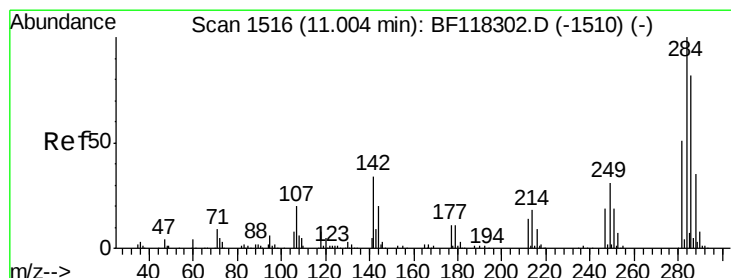
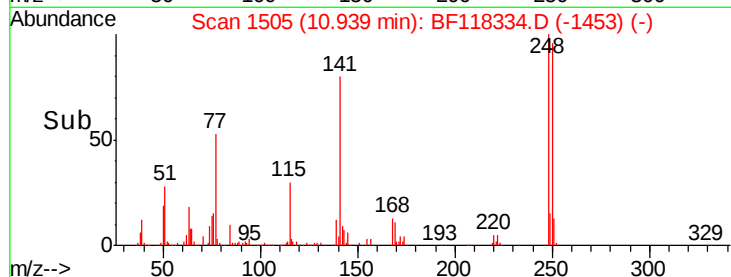
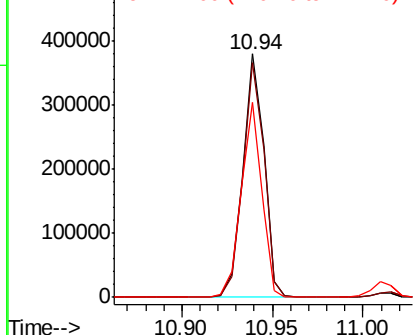
#67
4-Bromophenyl-phenylether
Concen: 38.664 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 307044
Ion Ratio Lower Upper
248 100
250 96.2 76.4 114.6
141 80.1 60.2 90.2

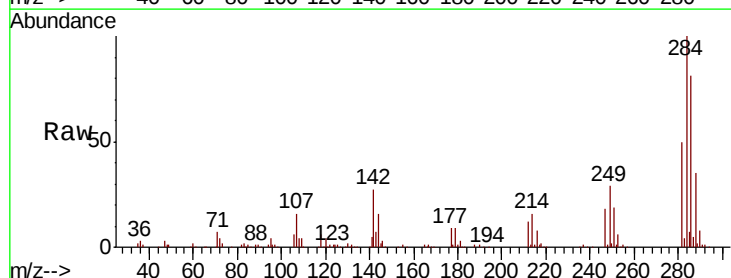


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

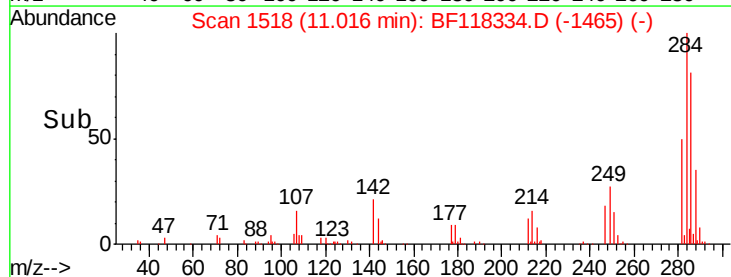
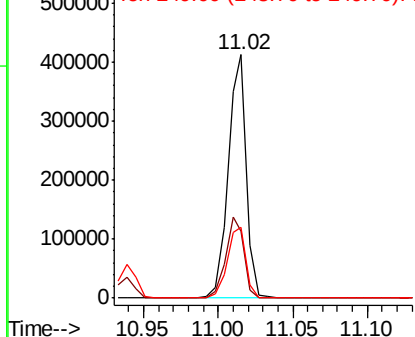


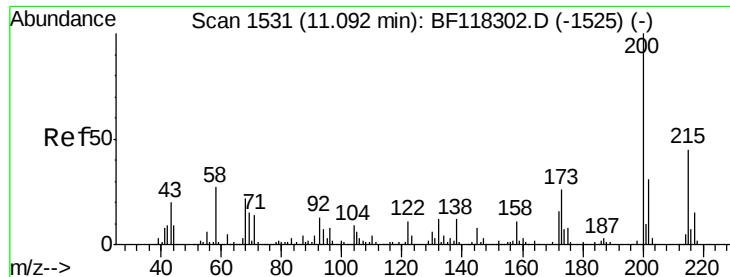
#68
Hexachlorobenzene
Concen: 37.948 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:284 Resp: 354727
Ion Ratio Lower Upper
284 100
142 27.3 27.3 40.9
249 29.1 25.0 37.6



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

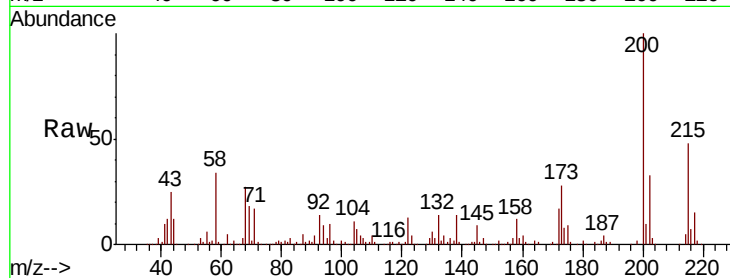




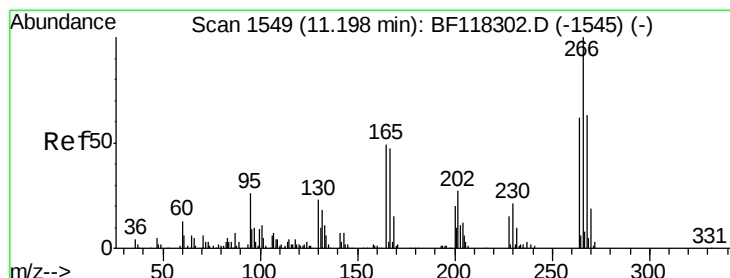
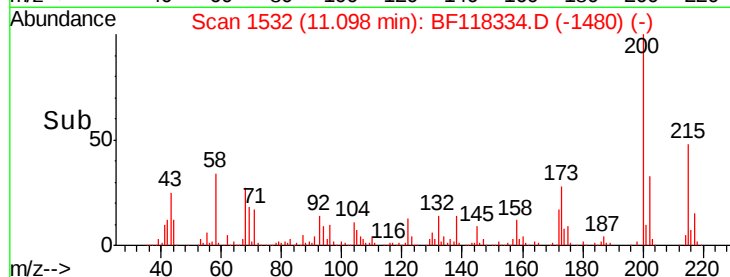
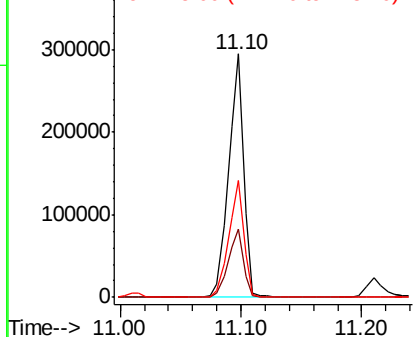
#69
Atrazine
Concen: 37.915 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	5.8	45.8
215	48.2	25.1	65.1

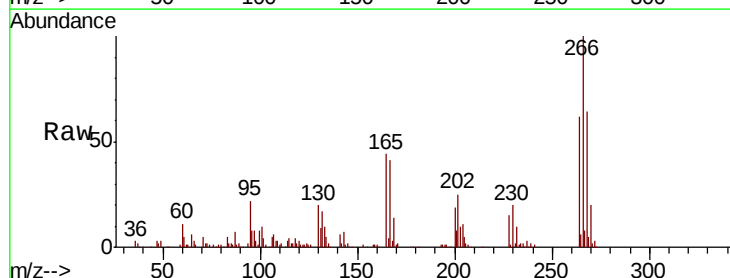


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

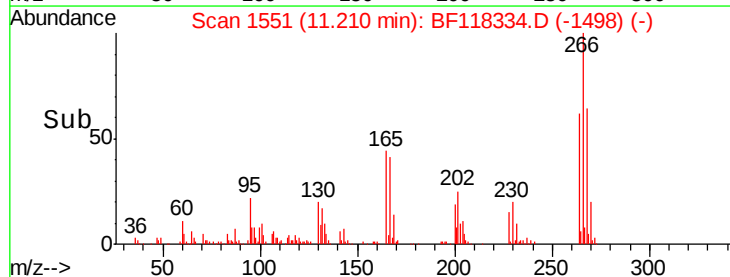
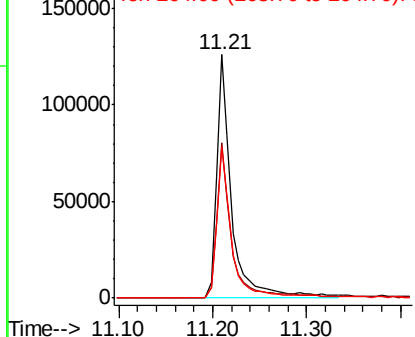


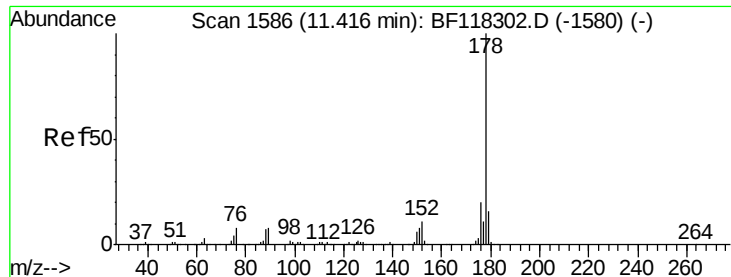
#70
Pentachlorophenol
Concen: 35.206 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	76.0
264	62.1	49.9	74.9



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





#71

Phenanthrene

Concen: 37.575 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

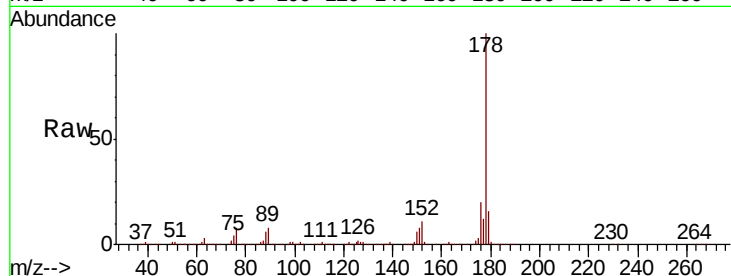
Tot Ion:178 Resp: 1390003

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

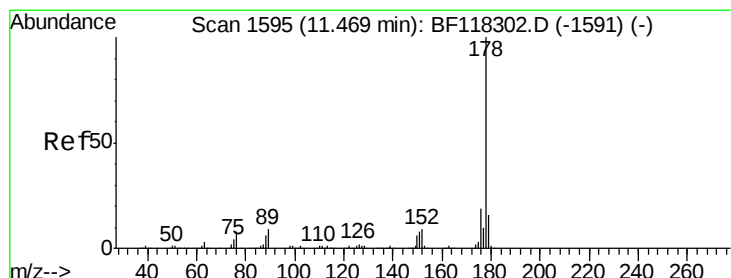
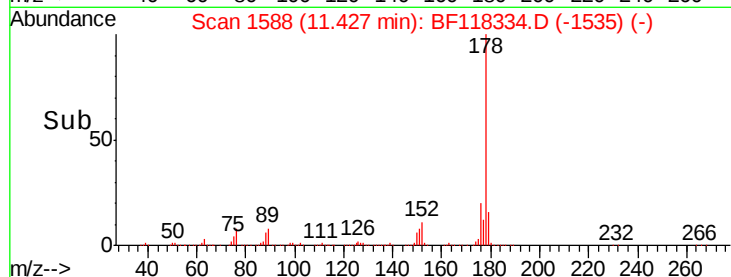
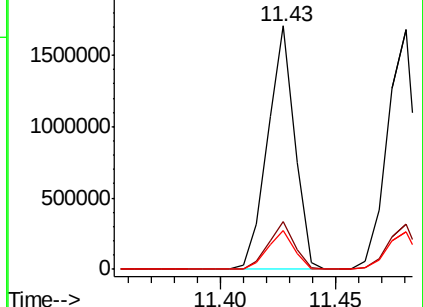
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.128 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

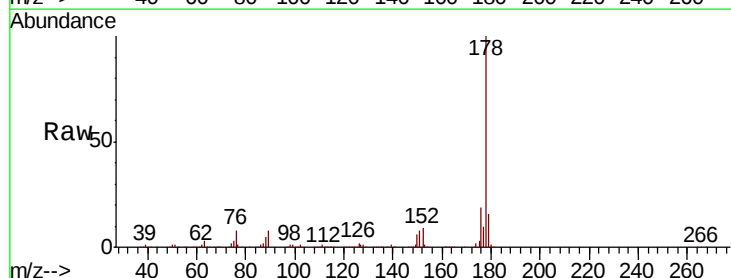
Tgt Ion:178 Resp: 1411784

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

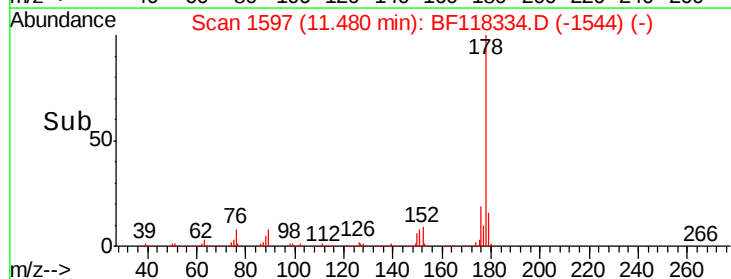
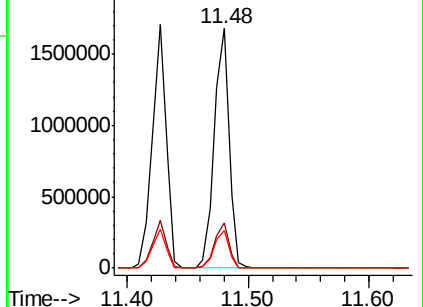
179 15.8 12.9 19.3

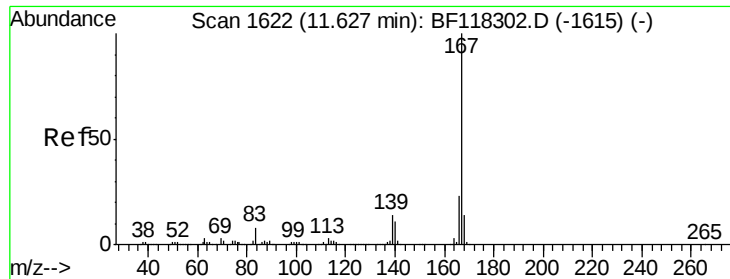


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



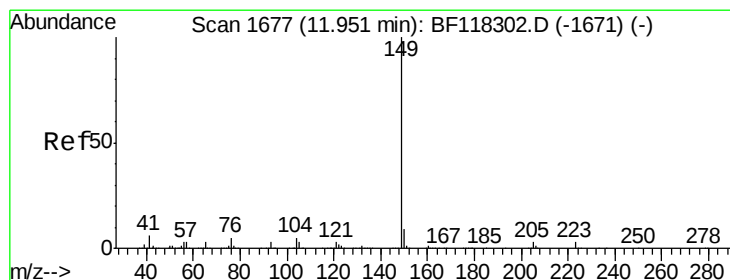
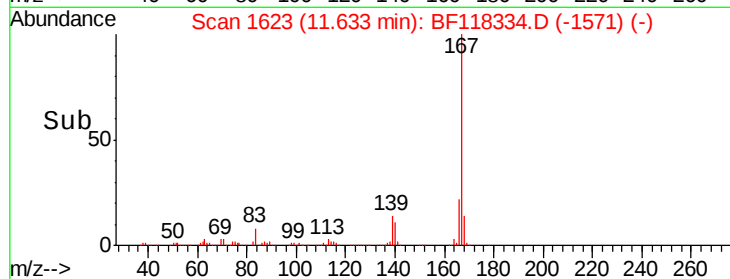
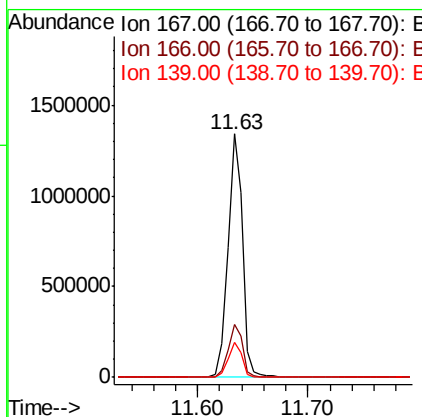
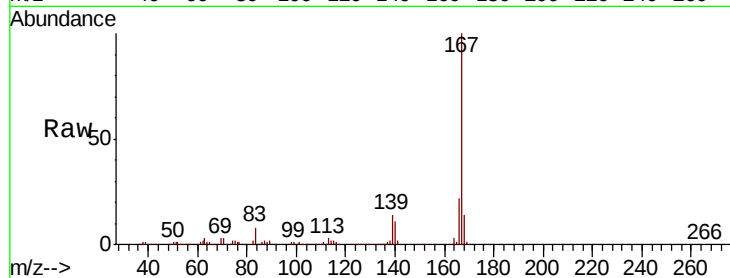


#73
 Carbazole
 Concen: 37.727 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1239565

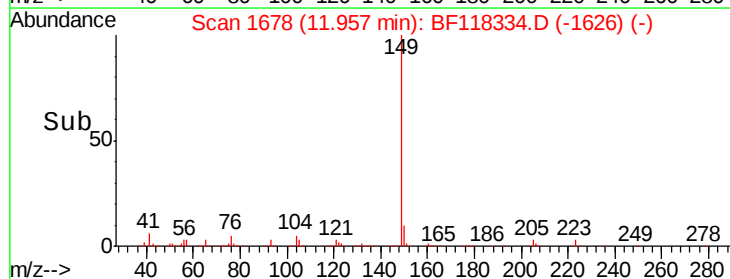
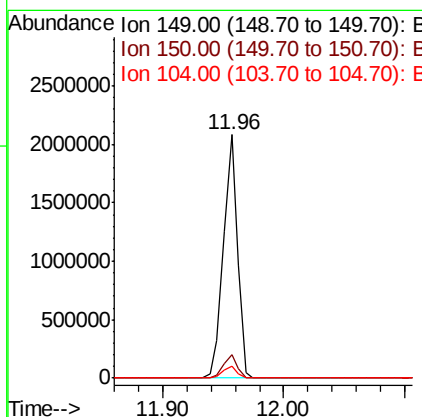
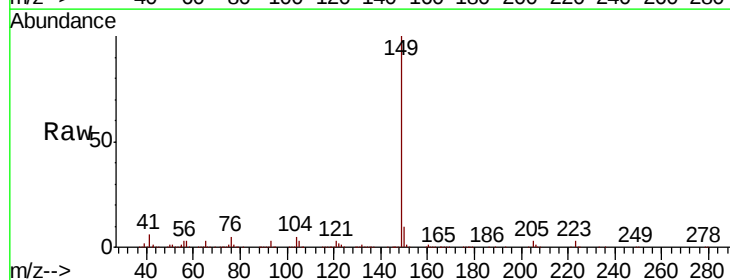
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.3	11.5	17.3

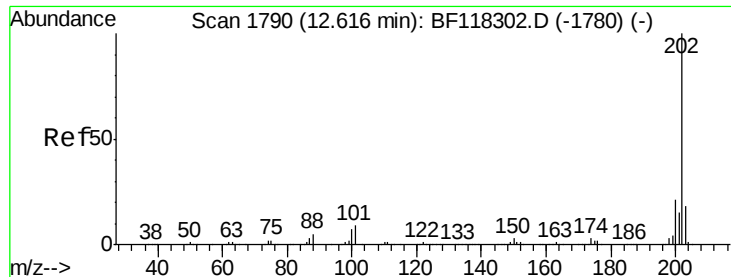


#74
 Di-n-butylphthalate
 Concen: 40.092 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:149 Resp: 1670229

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.0	6.0

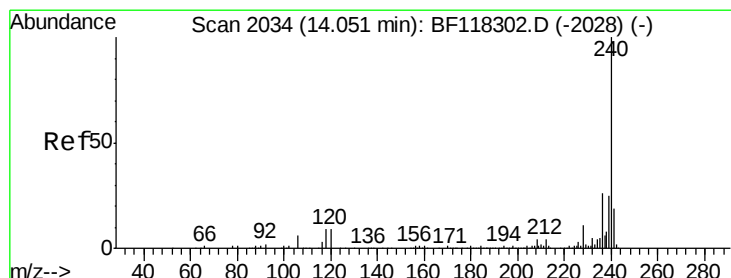
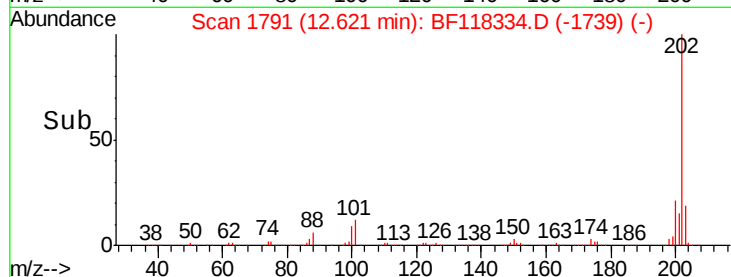
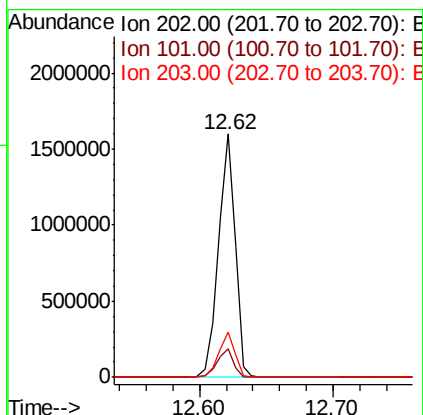
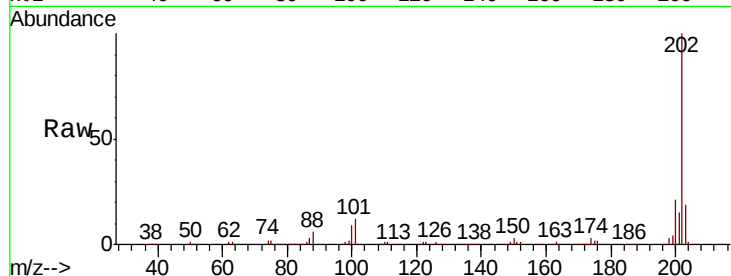




#75
 Fluoranthene
 Concen: 38.030 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

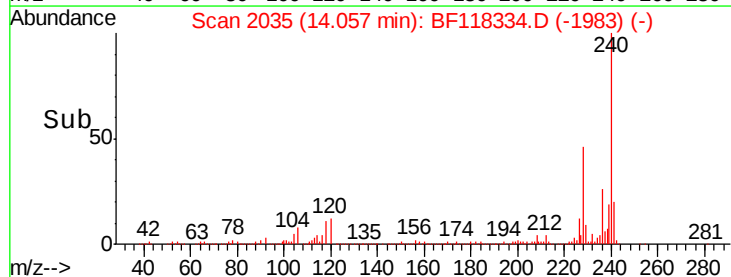
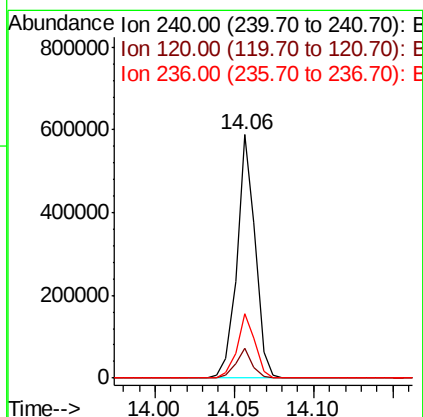
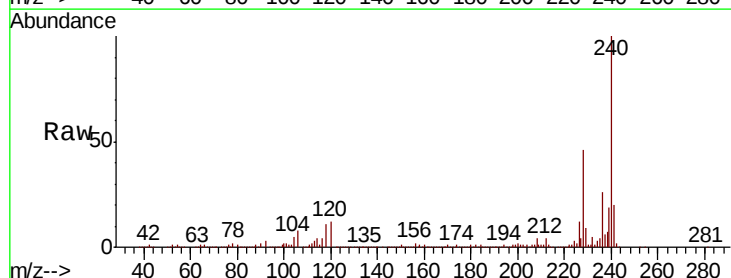
Instrument :
 BNA_F
 ClientSampleId :

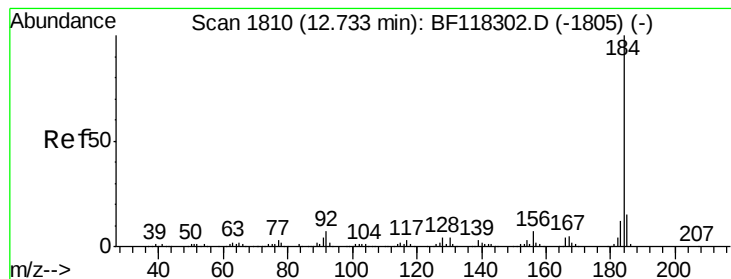
Tot Ion:202 Resp: 1419815
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 29.5
 203 18.6 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:240 Resp: 469391
 Ion Ratio Lower Upper
 240 100
 120 12.1 7.1 10.7#
 236 26.4 21.0 31.6





#77

Benzidine

Concen: 47.725 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

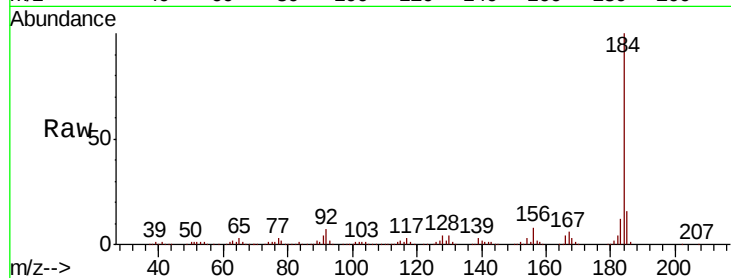
Tot Ion:184 Resp: 613818

Ion Ratio Lower Upper

184 100

185 15.7 12.3 18.5

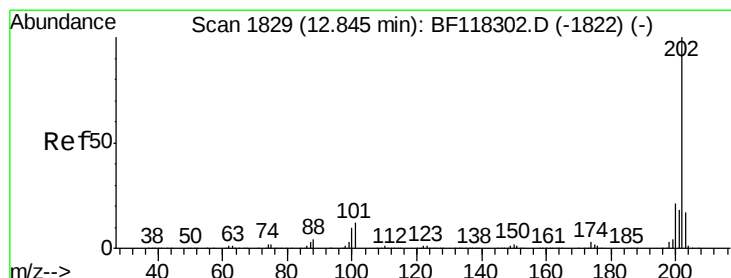
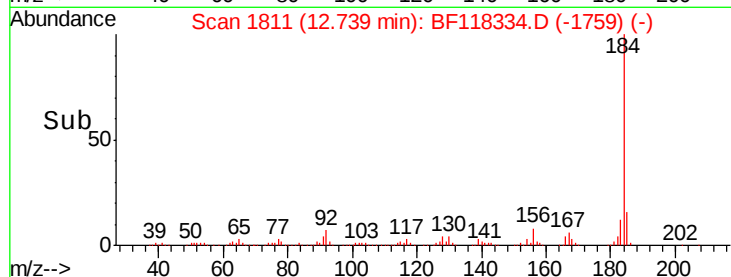
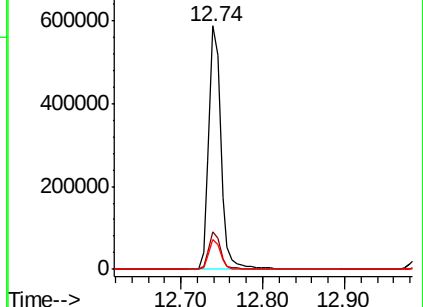
183 12.2 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.885 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

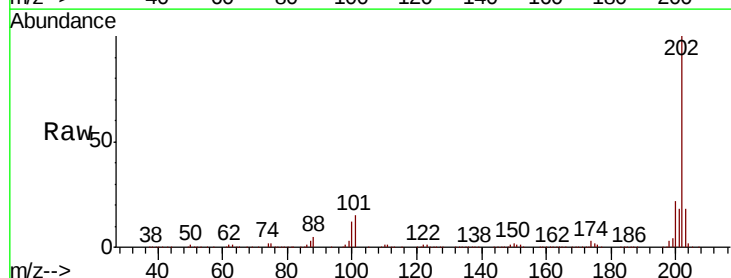
Tgt Ion:202 Resp: 1413824

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

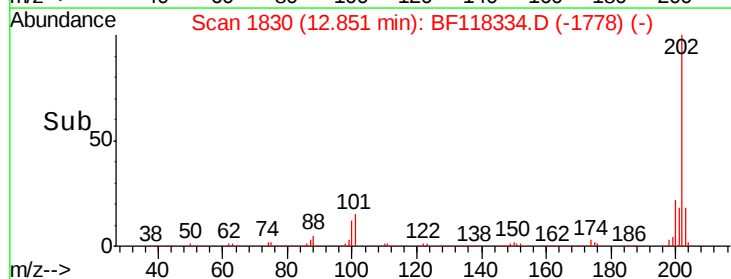
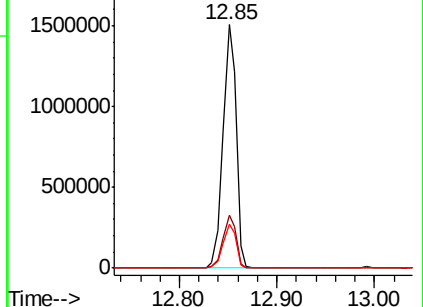
203 18.1 13.9 20.9

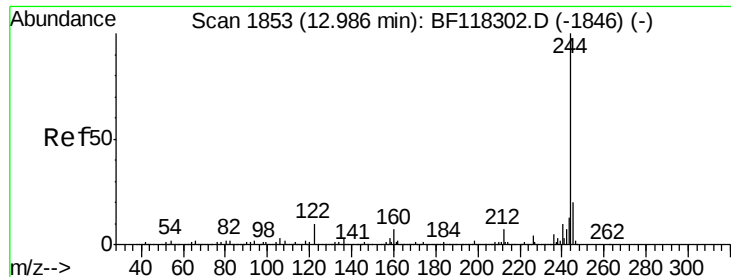


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.577 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

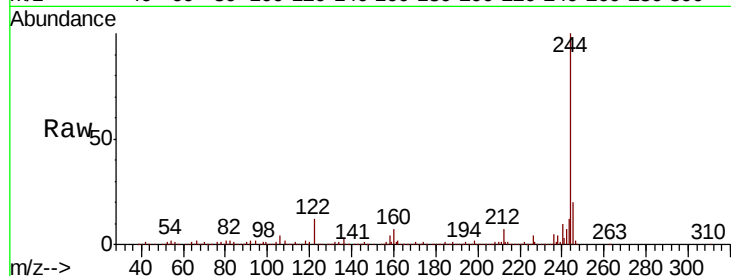
Tot Ion:244 Resp: 2138313

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.8 7.8 11.8

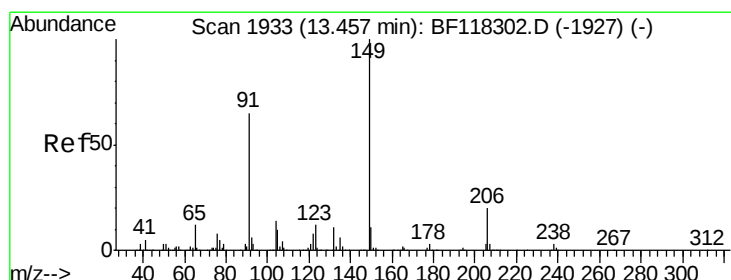
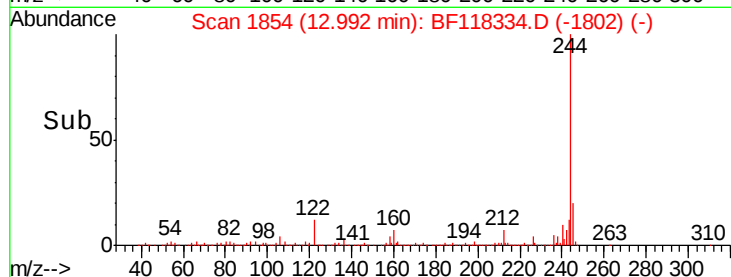
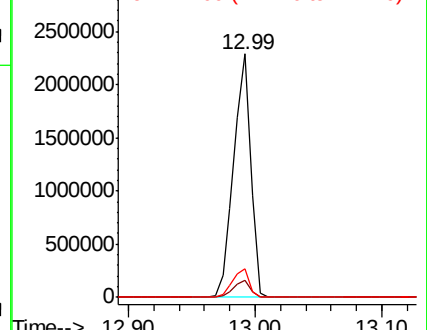


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.081 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

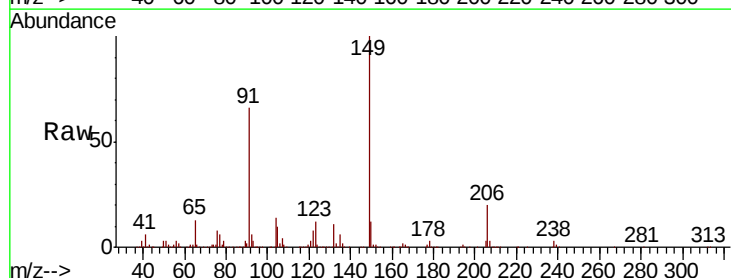
Tgt Ion:149 Resp: 709006

Ion Ratio Lower Upper

149 100

91 66.2 51.8 77.6

206 19.8 15.7 23.5

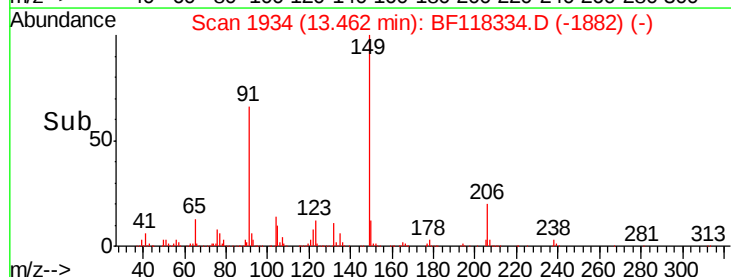
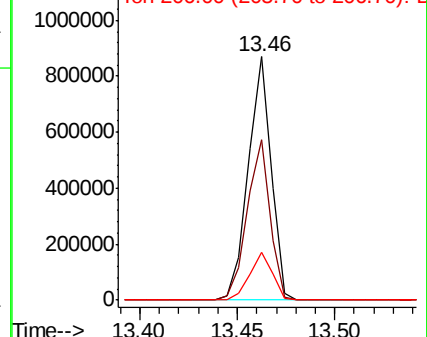


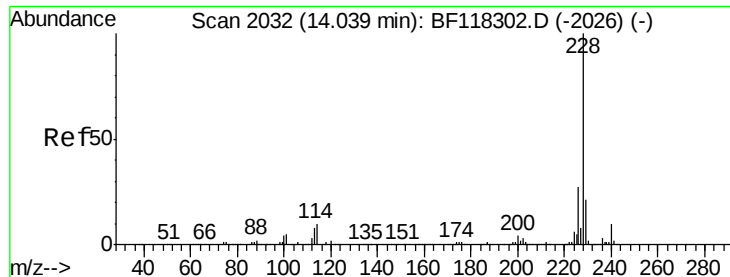
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.375 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

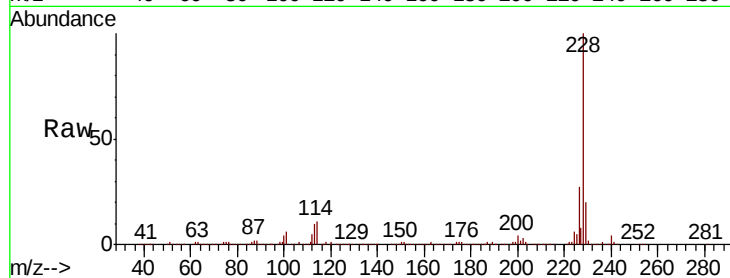
Tot Ion:228 Resp: 1227988

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

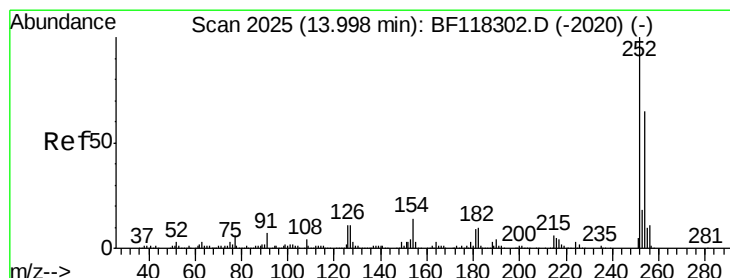
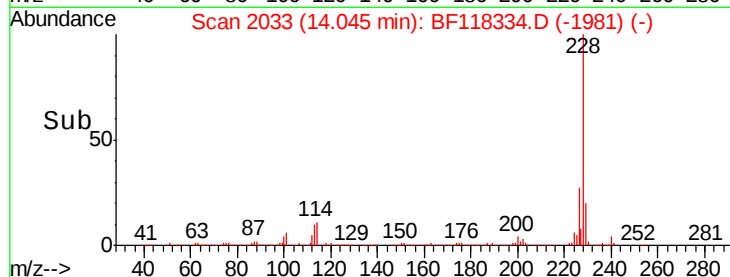
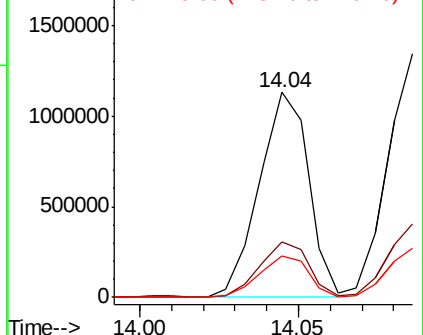
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.073 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

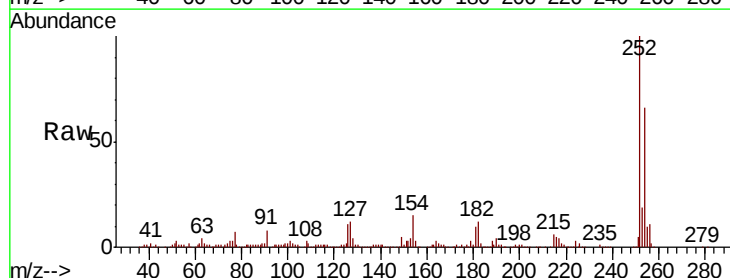
Tgt Ion:252 Resp: 446416

Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.8

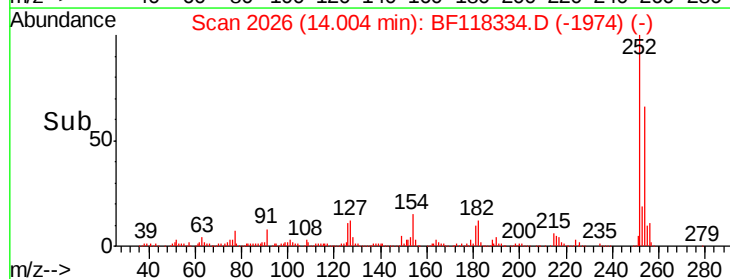
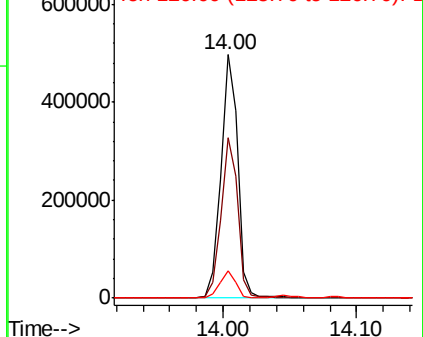
126 11.3 8.7 13.1

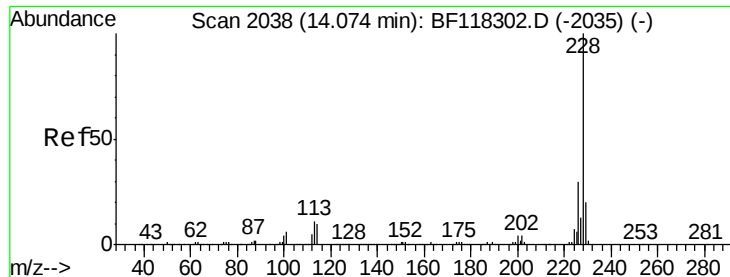


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



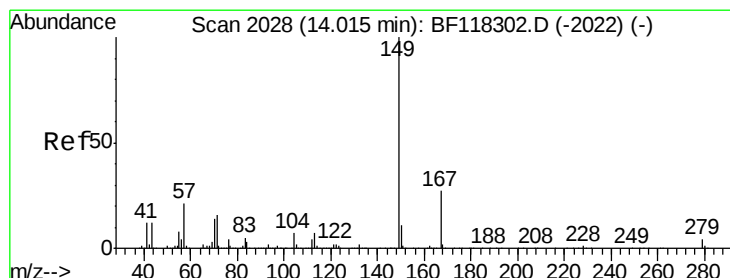
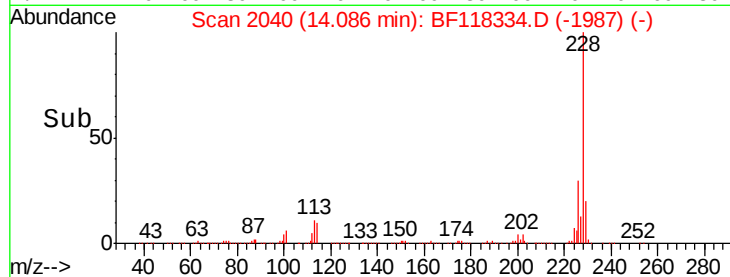
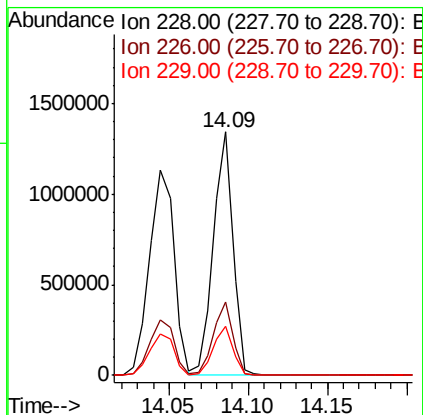
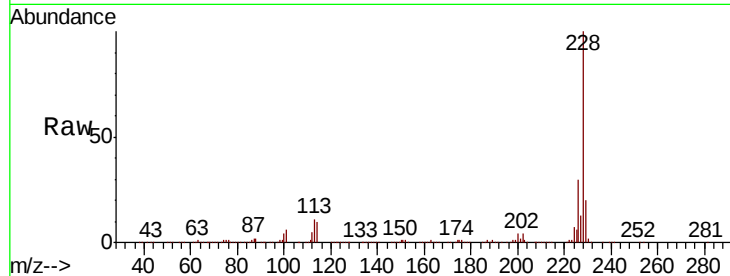


#83
 Chrvsene
 Concen: 36.902 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1160956

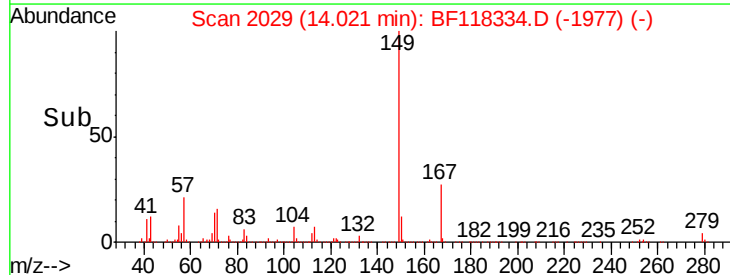
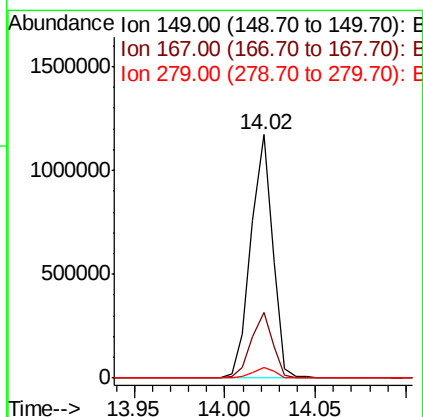
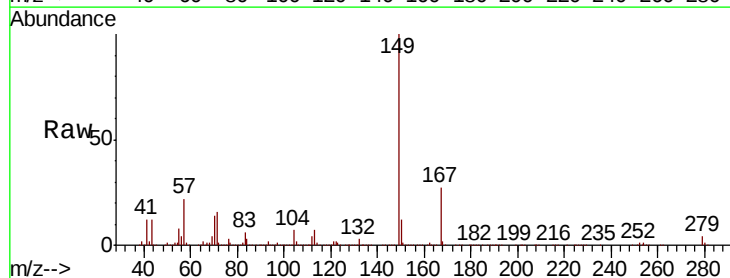
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.3	16.1	24.1

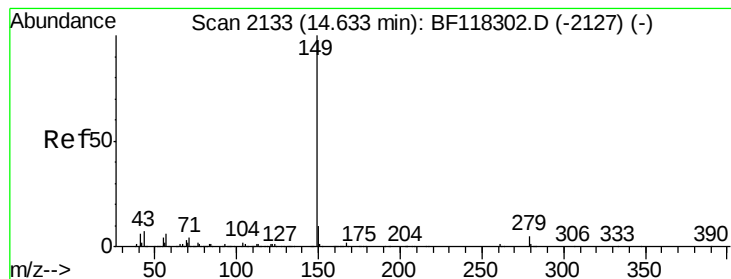


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.414 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:149 Resp: 985251

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.2	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 44.742 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

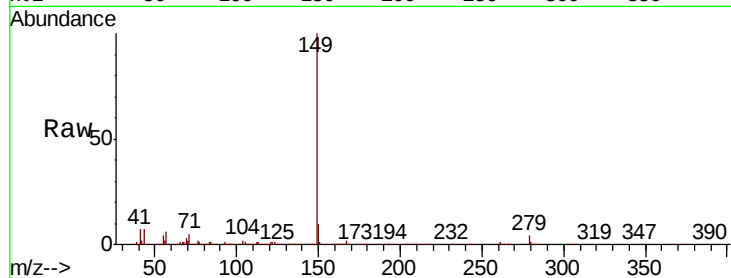
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1493577

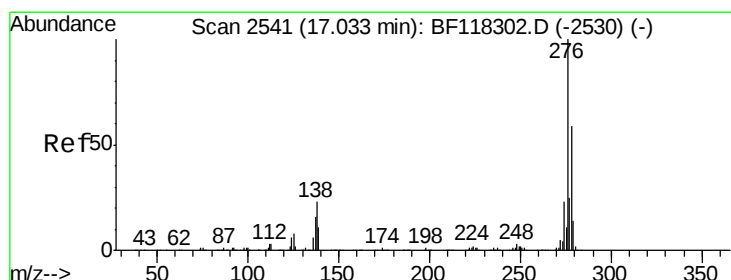
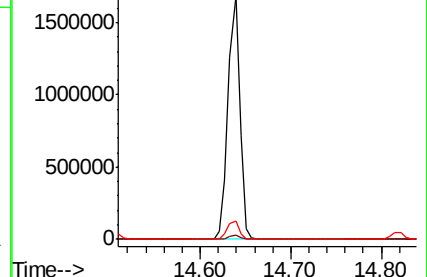
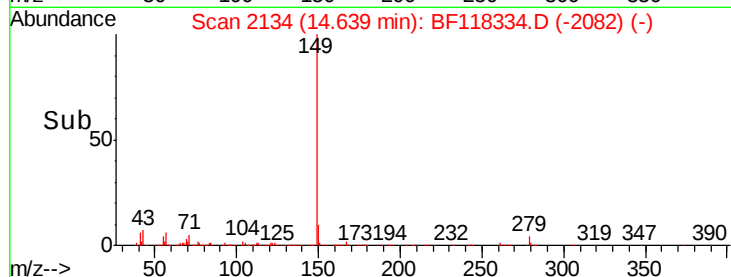
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.1	9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.303 ng

RT: 17.07 min Scan# 2547

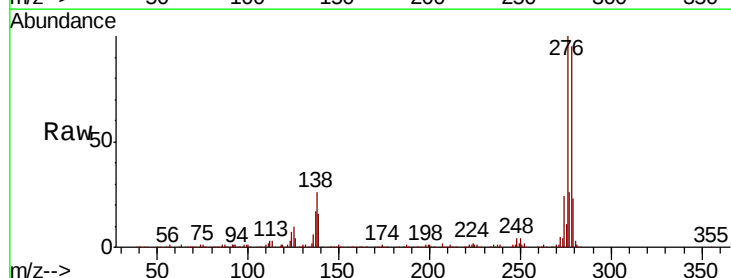
Delta R.T. 0.04 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:276 Resp: 919536

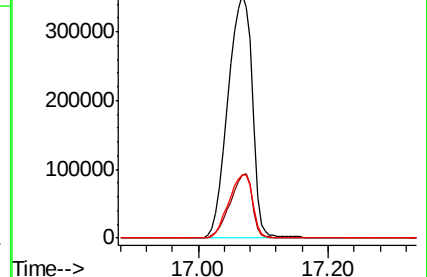
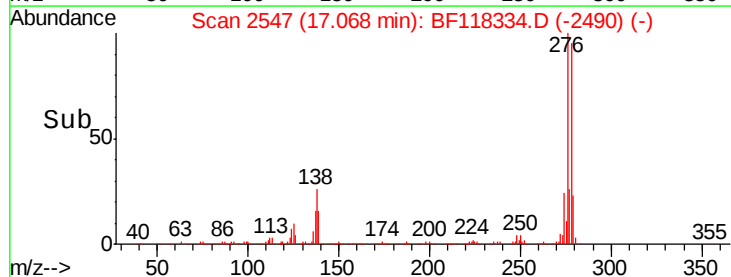
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.5	29.3
277	25.6	20.6	30.8

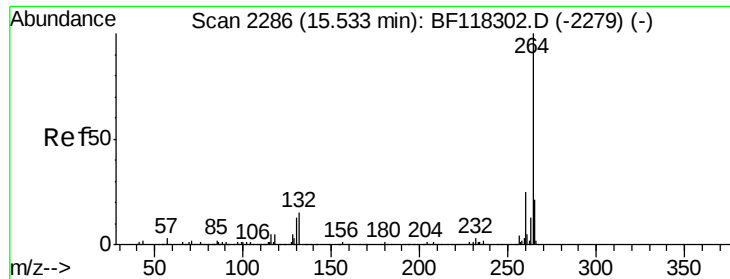


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

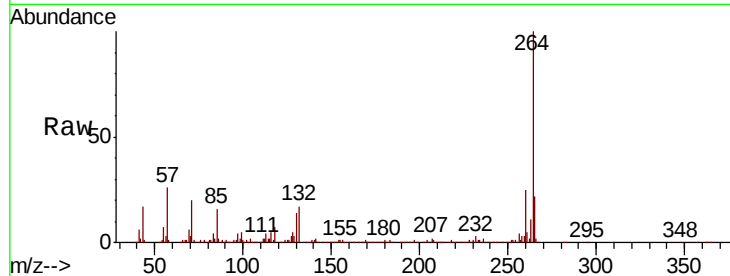
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 397140

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.8	17.0	25.4

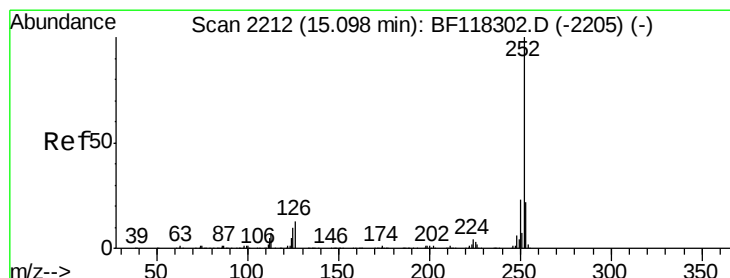
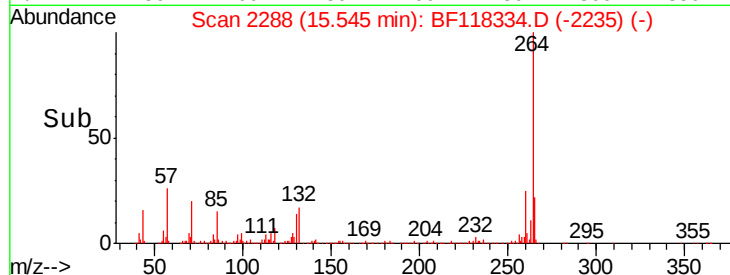
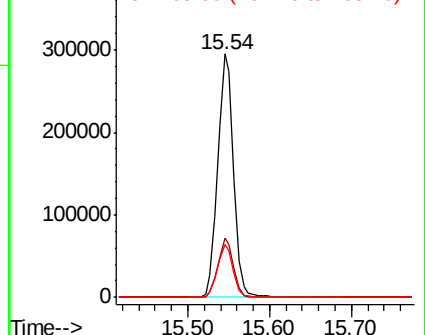


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.618 ng

RT: 15.11 min Scan# 2214

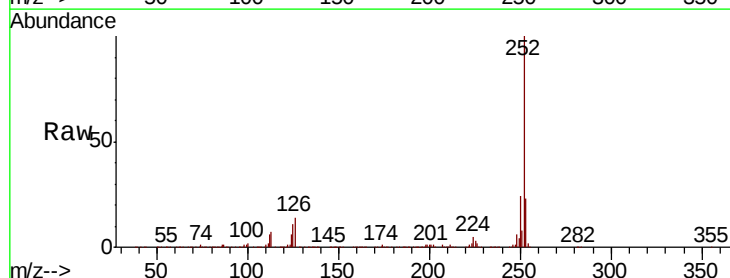
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:252 Resp: 1044410

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.9	7.7	11.5

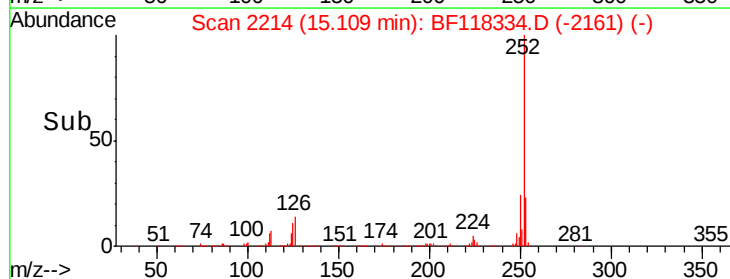
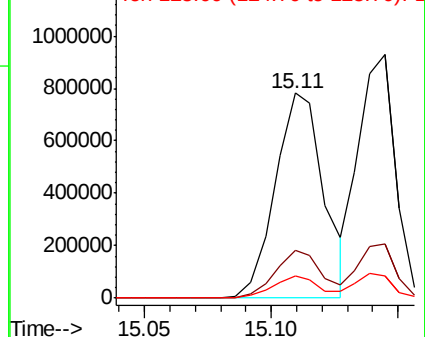


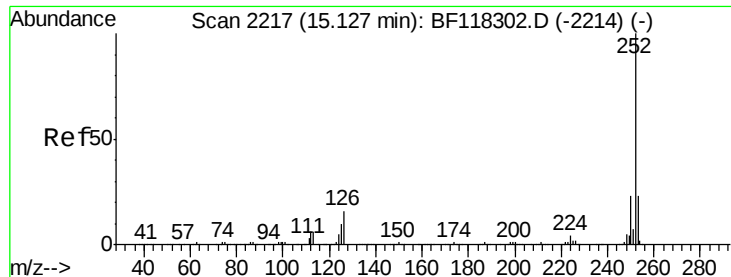
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

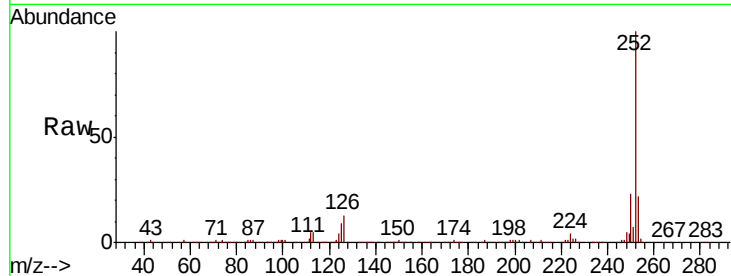




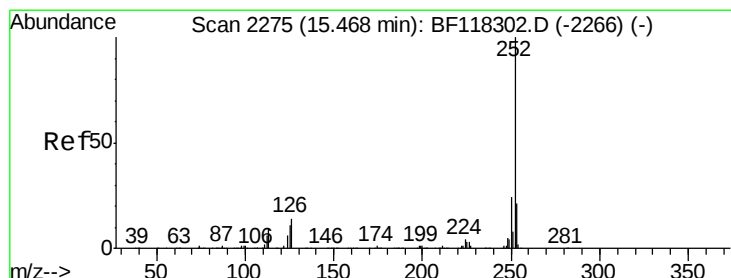
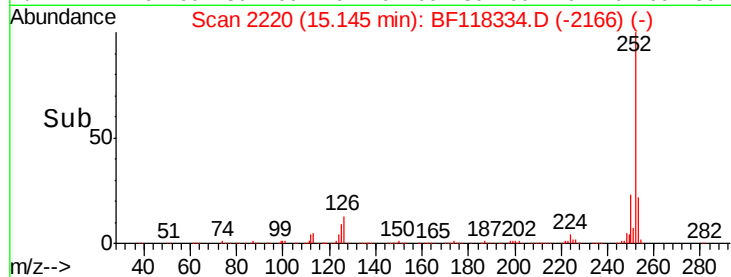
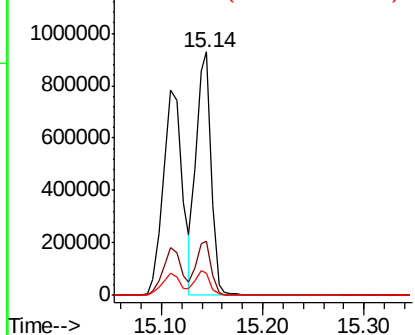
#89
Benzo(k)fluoranthene
Concen: 37.524 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 949812
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.1 8.0 12.0

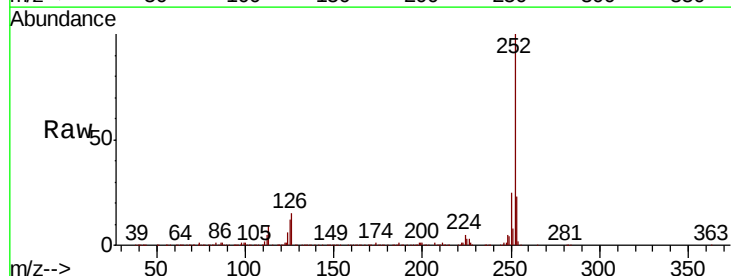


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

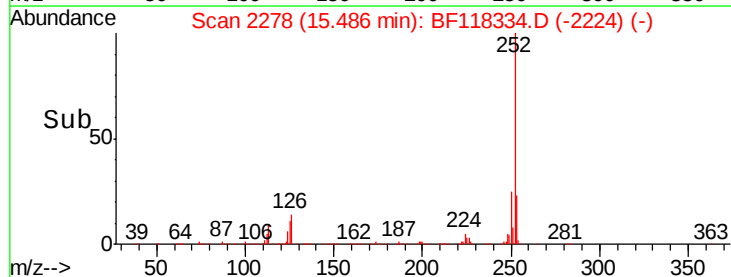
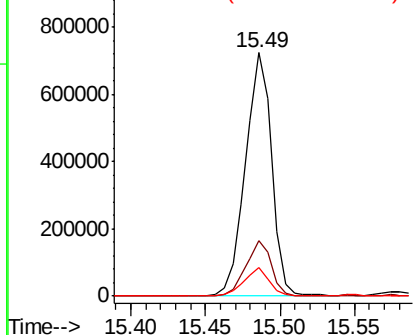


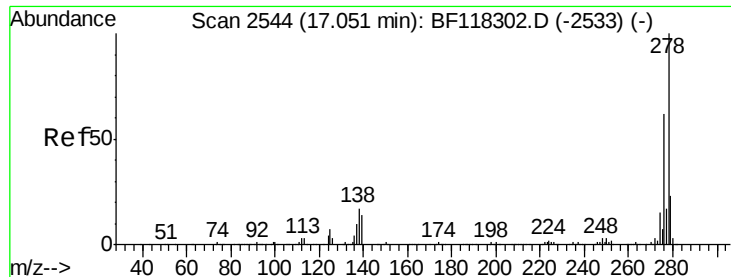
#90
Benzo(a)pyrene
Concen: 37.826 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:252 Resp: 878429
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.6 9.0 13.4



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

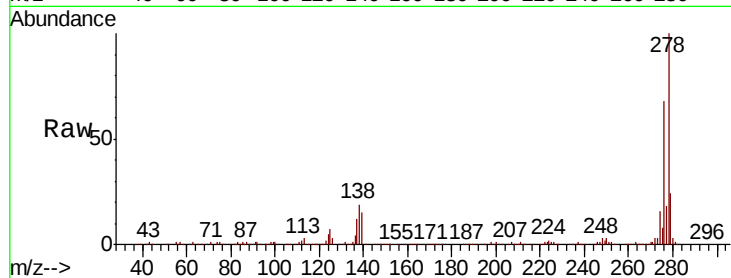




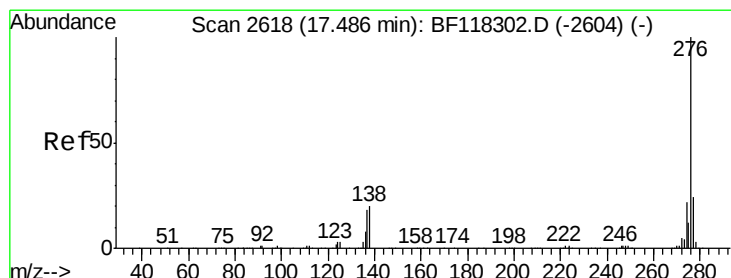
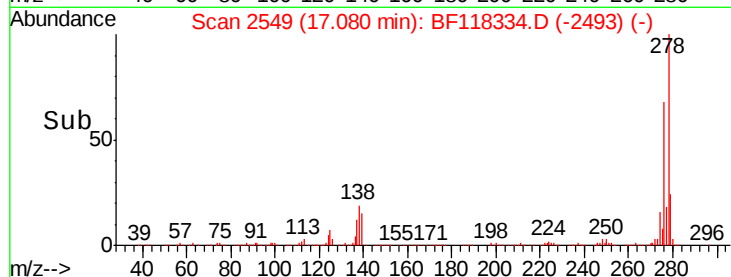
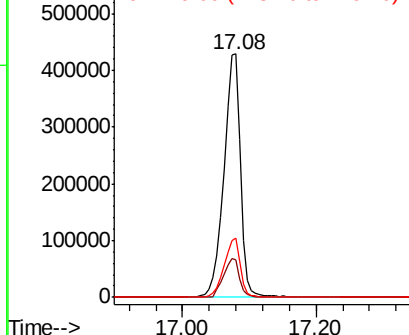
#91
Dibenzo(a,h)anthracene
Concen: 37.756 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	24.5	18.3	27.5

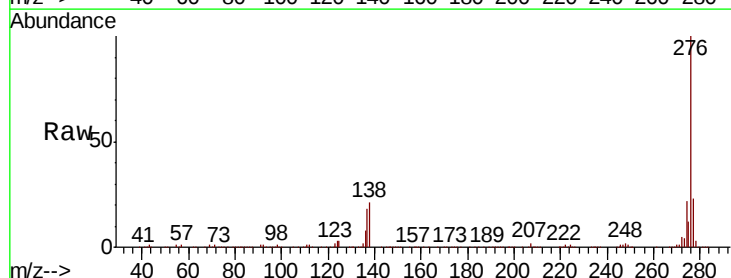


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.895 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	20.6	16.1	24.1



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

