

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118340.D
 Acq On : 27 Dec 2019 16:17
 Operator : JU
 Sample : K6439-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:59:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	156945	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	623815	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	340161	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651709	20.00	ng	0.00
76) Chrysene-d12	14.05	240	452276	20.00	ng	0.00
87) Perylene-d12	15.54	264	449463	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1115874	121.37	ng	0.02
7) Phenol-d6	6.50	99	1427780	125.18	ng	0.01
23) Nitrobenzene-d5	7.42	82	851335	78.06	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	514098	122.38	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1785273	80.11	ng	0.00
79) Terphenyl-d14	12.99	244	2251886	82.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	130831	35.795	ng	99
3) Pyridine	3.40	79	318952	32.753	ng	99
4) n-Nitrosodimethylamine	3.35	42	159546	39.627	ng	100
6) Aniline	6.52	93	432207	29.842	ng	89
8) 2-Chlorophenol	6.65	128	439653	42.221	ng	99
9) Benzaldehyde	6.40	77	244813	36.610	ng	98
10) Phenol	6.51	94	533335	41.603	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	378072	41.238	ng	98
12) 1,3-Dichlorobenzene	6.79	146	473190	39.456	ng	99
13) 1,4-Dichlorobenzene	6.87	146	476690	39.133	ng	99
14) 1,2-Dichlorobenzene	7.02	146	454273	39.500	ng	99
15) Benzyl Alcohol	7.00	79	361109	41.582	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	389956	39.860	ng	93
17) 2-Methylphenol	7.12	107	348640	41.743	ng	95
18) Hexachloroethane	7.36	117	175193	39.187	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	288214	41.019	ng	97
20) 3+4-Methylphenols	7.27	107	448301	41.939	ng	91
22) Acetophenone	7.26	105	585900	38.322	ng	# 94
24) Nitrobenzene	7.44	77	426743	39.059	ng	97
25) Isophorone	7.68	82	797318	41.946	ng	100
26) 2-Nitrophenol	7.76	139	248754	42.985	ng	99
27) 2,4-Dimethylphenol	7.79	122	387806	49.116	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	493483	39.697	ng	100
29) 2,4-Dichlorophenol	8.00	162	379397	41.747	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	411795	38.898	ng	98
31) Naphthalene	8.16	128	1281168	40.407	ng	100
32) Benzoic acid	7.94	122	230052	36.100	ng	94
33) 4-Chloroaniline	8.21	127	219095	16.119	ng	98
34) Hexachlorobutadiene	8.27	225	240588	38.178	ng	99
35) Caprolactam	8.59	113	65473	23.076	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	402360	41.237	ng	97
37) 2-Methylnaphthalene	8.86	142	891997	41.091	ng	100
38) 1-Methylnaphthalene	8.96	142	831672	40.664	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	391091	38.266	ng	99

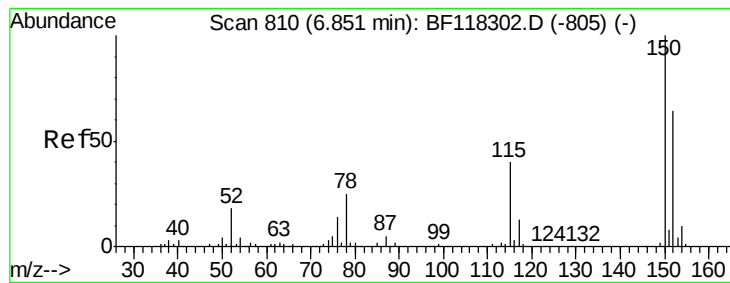
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118340.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	308305	72.579	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	271755	39.801	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	285085	40.588	ng	99
46) 1,1'-Biphenyl	9.32	154	1066358	39.635	ng	99
47) 2-Chloronaphthalene	9.35	162	832444	38.443	ng	97
48) 2-Nitroaniline	9.45	65	233080	38.108	ng	90
49) Acenaphthylene	9.77	152	1330642	41.434	ng	100
50) Dimethylphthalate	9.62	163	1147657	44.947	ng	99
51) 2,6-Dinitrotoluene	9.69	165	225457	40.956	ng	93
52) Acenaphthene	9.94	154	765056	39.110	ng	99
53) 3-Nitroaniline	9.86	138	136563	21.136	ng	98
54) 2,4-Dinitrophenol	9.98	184	190161	69.256	ng	94
55) Dibenzofuran	10.11	168	1164609	40.292	ng	96
56) 4-Nitrophenol	10.04	139	333943	83.723	ng	91
57) 2,4-Dinitrotoluene	10.10	165	304132	41.346	ng	92
58) Fluorene	10.46	166	937149	40.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	237948	39.870	ng	99
60) Diethylphthalate	10.33	149	1036725	41.041	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	470876	40.426	ng	95
62) 4-Nitroaniline	10.49	138	242429	36.118	ng	95
63) Azobenzene	10.60	77	894111	41.323	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	148458	42.227	ng	94
66) n-Nitrosodiphenylamine	10.57	169	840821	40.255	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	297636	39.025	ng	93
68) Hexachlorobenzene	11.01	284	341074	37.992	ng	94
69) Atrazine	11.10	200	294040	45.613	ng	96
70) Pentachlorophenol	11.21	266	306085	78.726	ng	99
71) Phenanthrene	11.42	178	1403978	39.518	ng	100
72) Anthracene	11.47	178	1472761	41.415	ng	100
73) Carbazole	11.63	167	1267265	40.161	ng	98
74) Di-n-butylphthalate	11.95	149	1701362	42.523	ng	99
75) Fluoranthene	12.62	202	1459132	40.695	ng	96
77) Benzidine	12.74	184	858987	69.314	ng	98
78) Pyrene	12.85	202	1453611	39.358	ng	99
80) Butylbenzylphthalate	13.46	149	712655	42.855	ng	95
81) Benzo(a)anthracene	14.04	228	1259472	39.784	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	334465	31.160	ng	98
83) Chrysene	14.08	228	1199810	39.580	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1047734	47.915	ng	99
85) Di-n-octyl phthalate	14.63	149	1655431	51.467	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1211661	46.911	ng	100
88) Benzo(b)fluoranthene	15.10	252	1114227	37.346	ng	99
89) Benzo(k)fluoranthene	15.13	252	1140120	39.799	ng	99
90) Benzo(a)pyrene	15.48	252	998324	37.984	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	1024248	44.908	ng	99
92) Benzo(g,h,i)perylene	17.52	276	1001199	45.443	ng	98

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

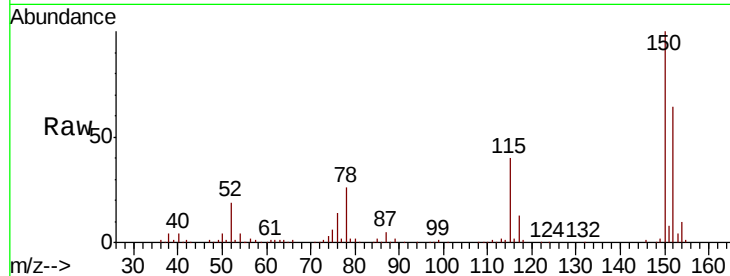


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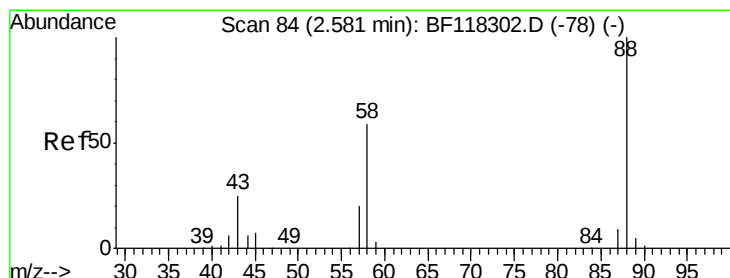
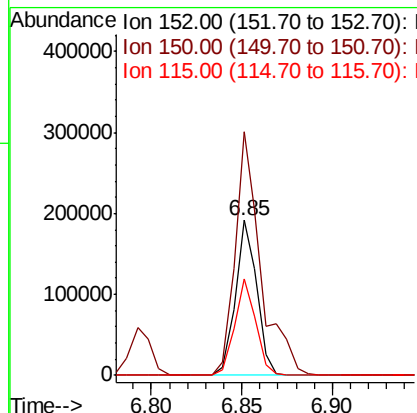
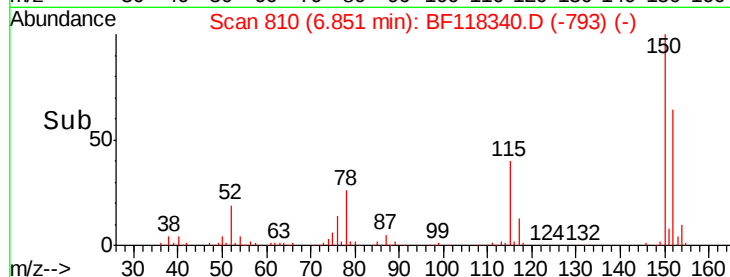
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156945
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 62.5 50.2 75.4



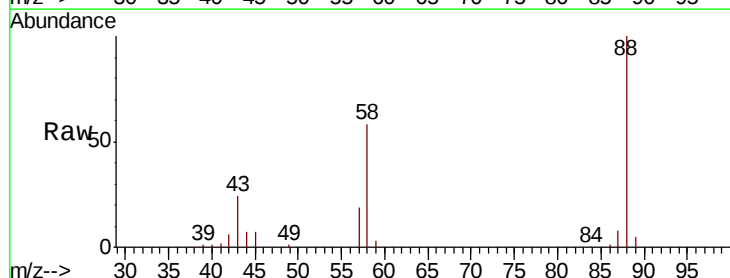
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



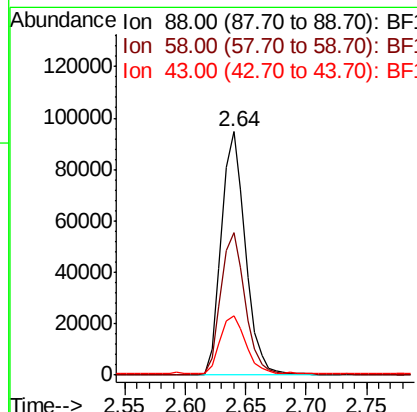
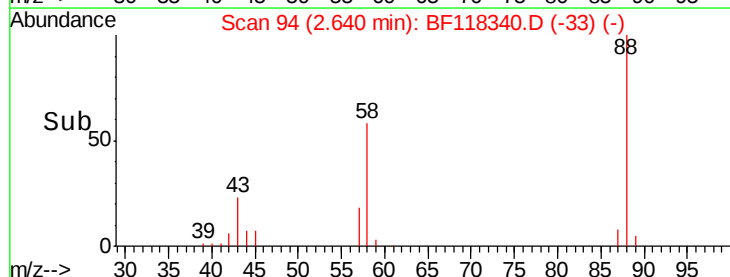
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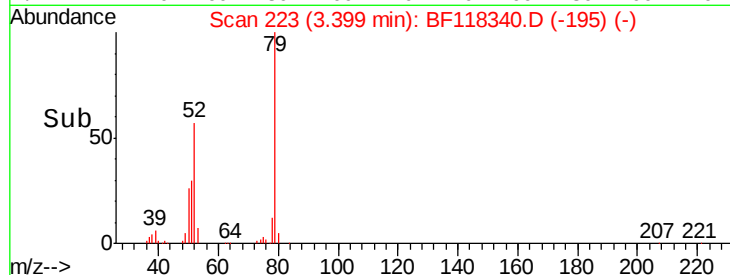
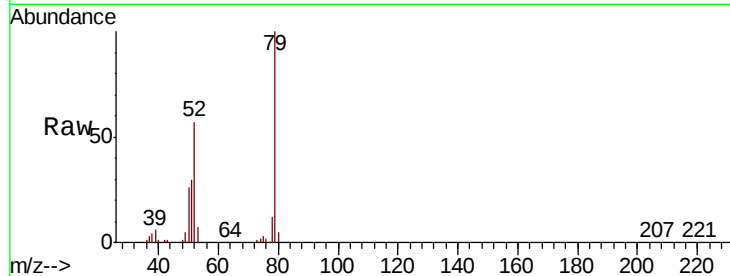
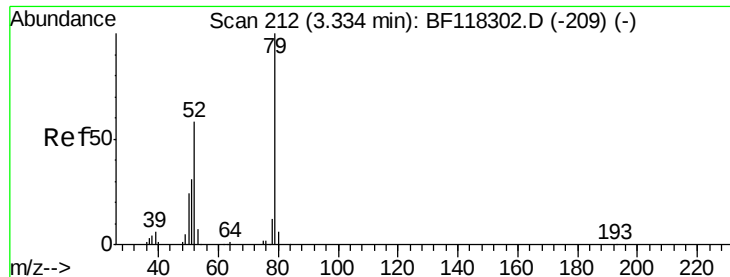
1,4-Dioxane
Concen: 35.795 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion: 88 Resp: 130831
Ion Ratio Lower Upper
88 100
58 59.8 47.6 71.4
43 25.1 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: 32.753 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

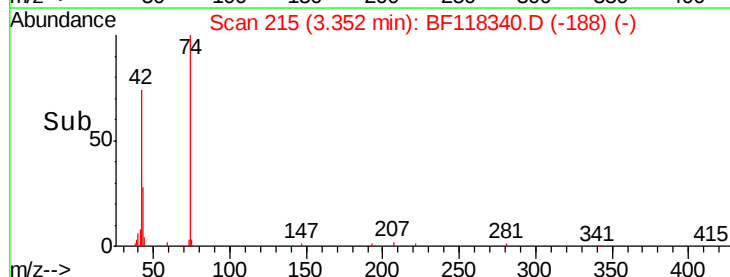
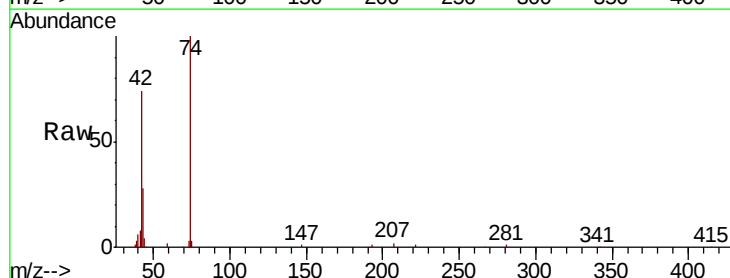
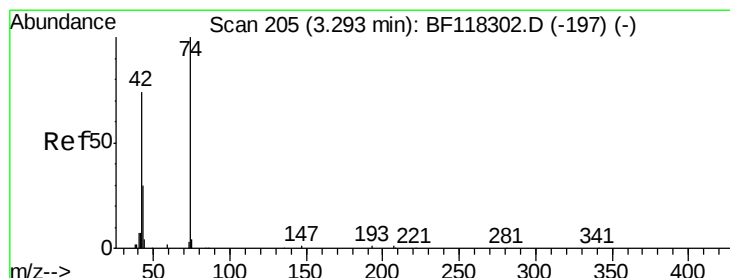
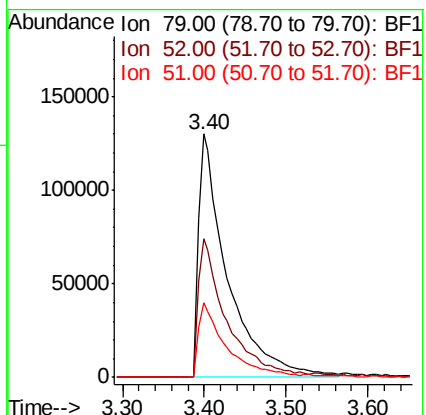
Tot Ion: 79 Resp: 318952

Ion Ratio Lower Upper

79 100

52 57.0 46.4 69.6

51 30.4 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 39.627 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

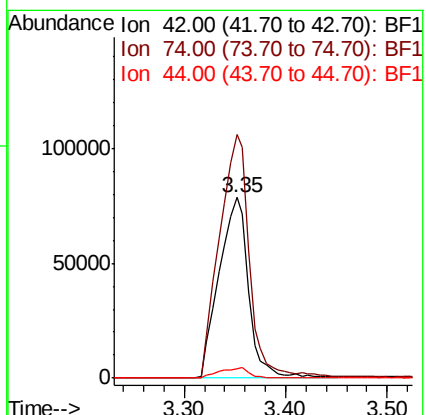
Tgt Ion: 42 Resp: 159546

Ion Ratio Lower Upper

42 100

74 134.7 107.7 161.5

44 5.2 4.8 7.2

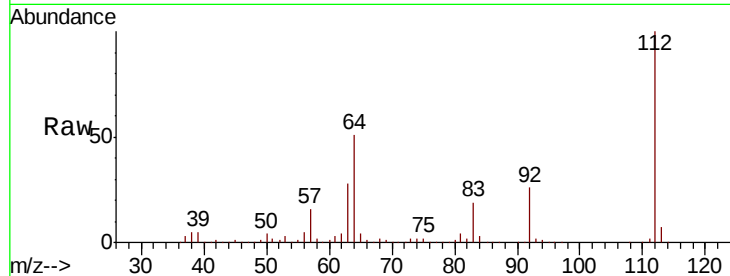




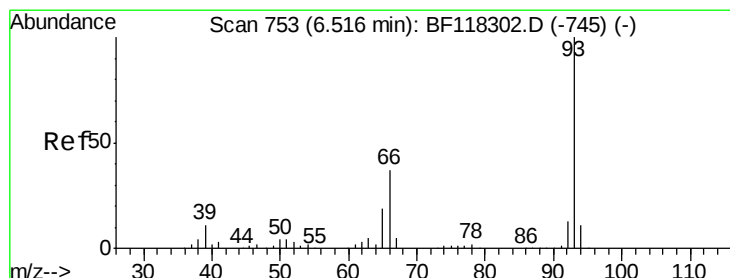
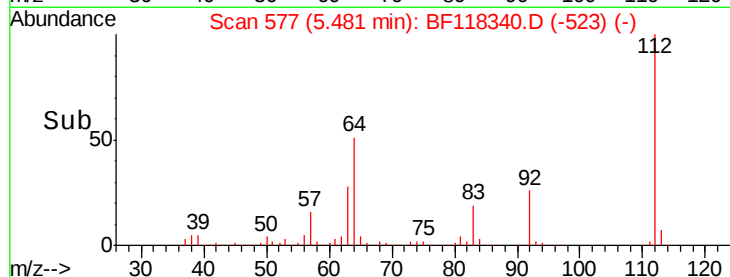
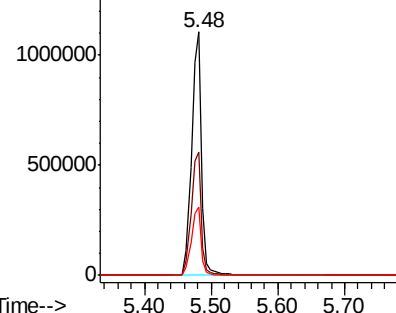
#5
2-Fluorophenol
Concen: 121.366 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1115874
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 27.8 21.7 32.5

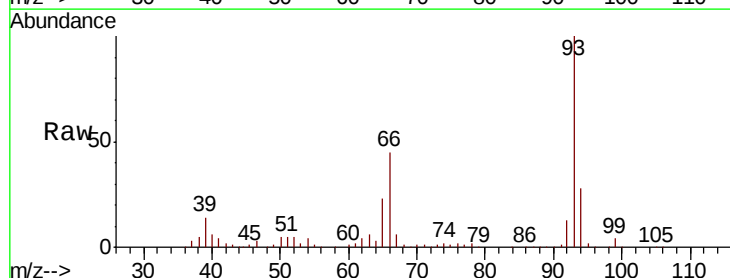


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

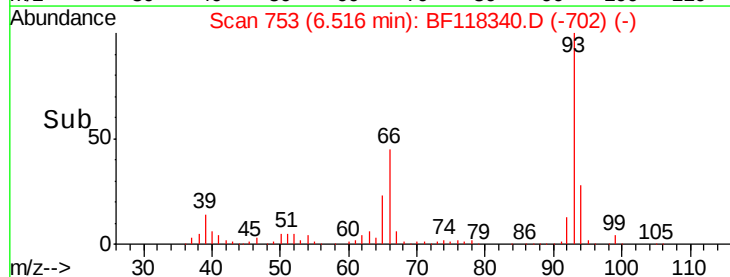
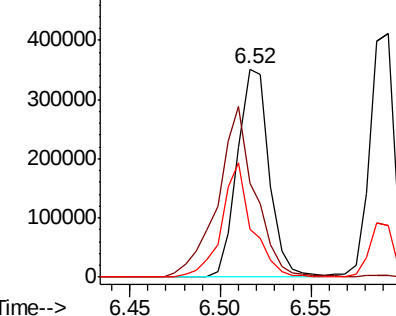


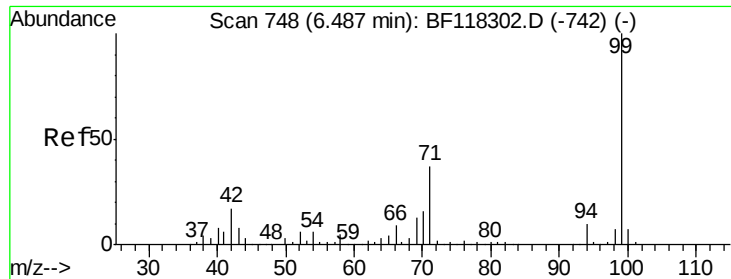
#6
Aniline
Concen: 29.842 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion: 93 Resp: 432207
Ion Ratio Lower Upper
93 100
66 44.9 30.2 45.4
65 23.3 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: 125.181 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

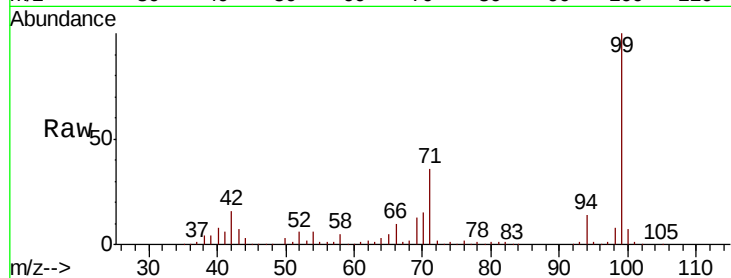
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1427780

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	35.8	29.4	44.2

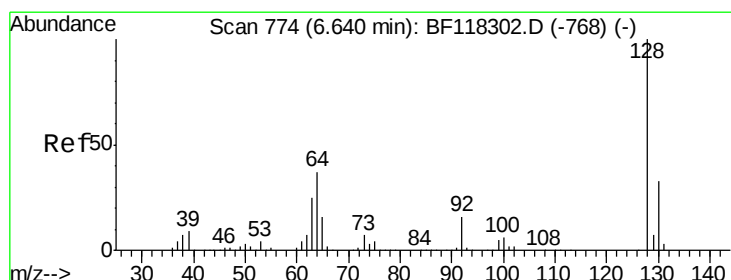
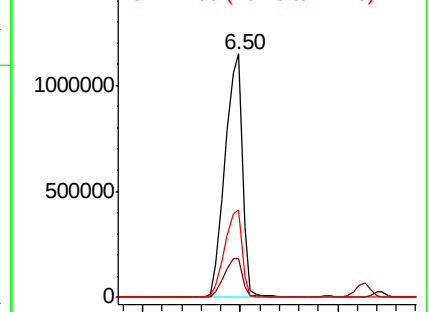
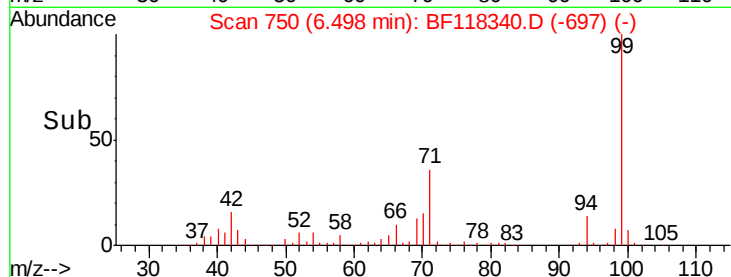


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.221 ng

RT: 6.65 min Scan# 775

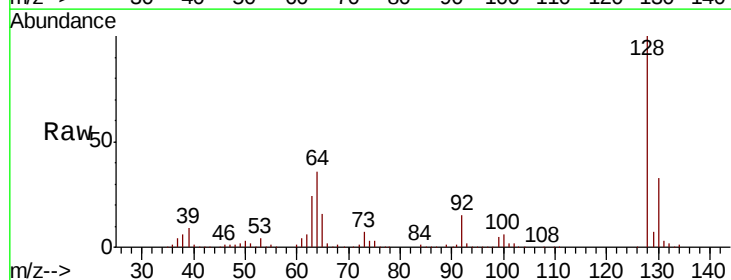
Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Tgt Ion: 128 Resp: 439653

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.2	53.2
64	36.1	17.7	57.7

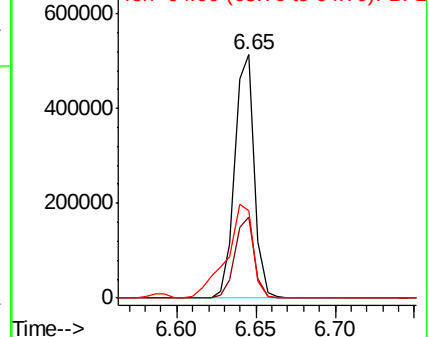
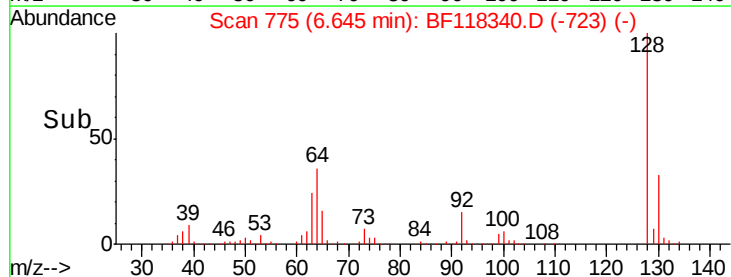


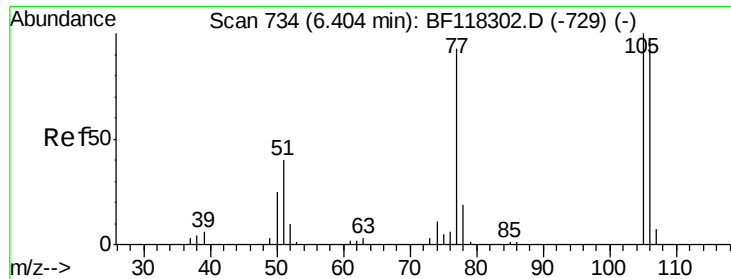
Abundance

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: 36.610 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

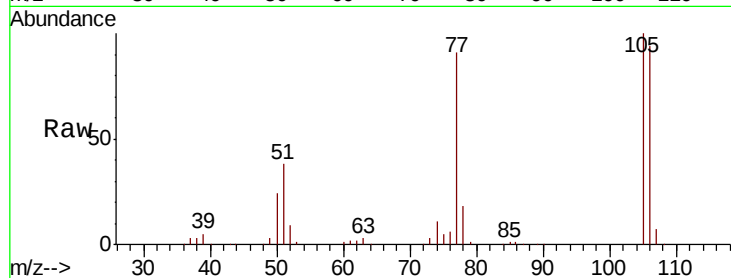
Tot Ion: 77 Resp: 244813

Ion Ratio Lower Upper

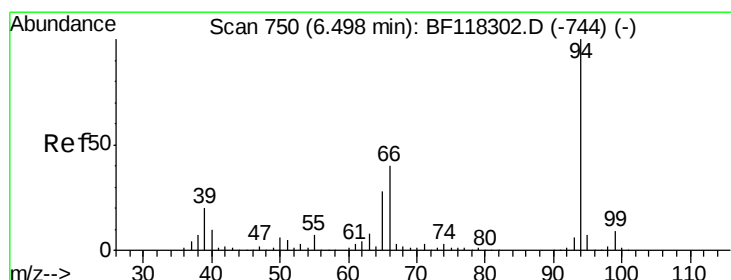
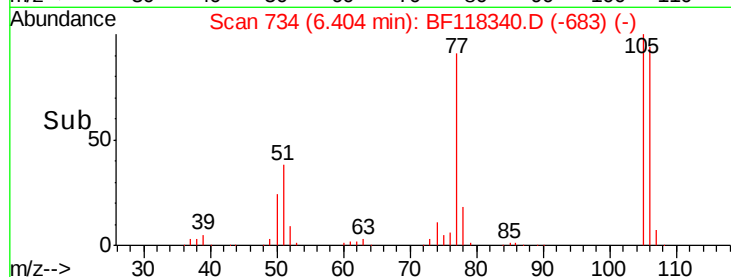
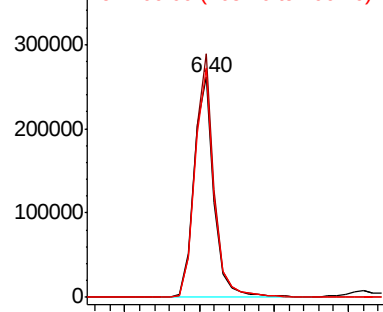
77 100

105 110.4 87.5 127.5

106 103.8 83.6 123.6



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



#10

Phenol

Concen: 41.603 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

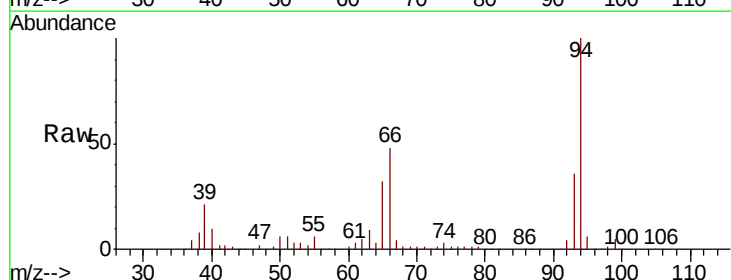
Tgt Ion: 94 Resp: 533335

Ion Ratio Lower Upper

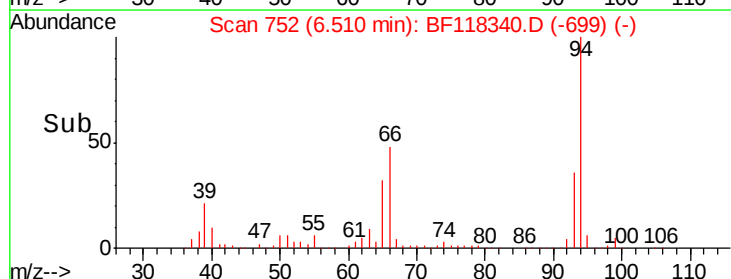
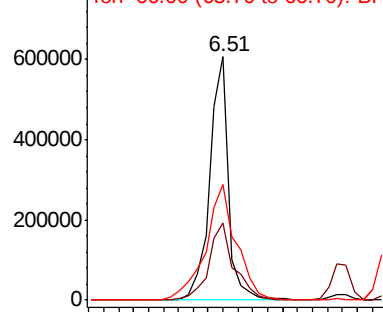
94 100

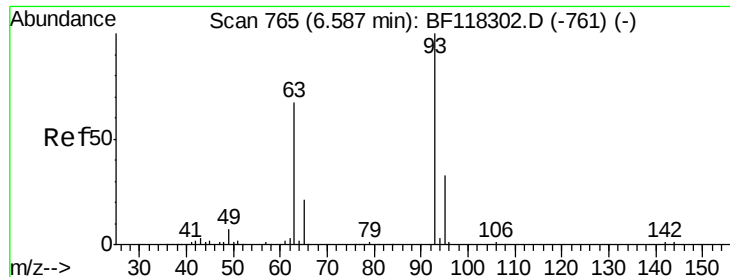
65 31.7 7.8 47.8

66 47.5 20.4 60.4



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



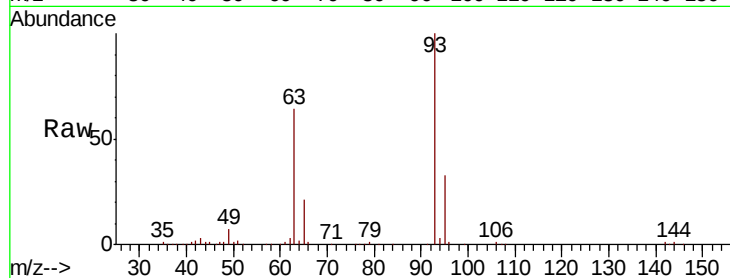


#11

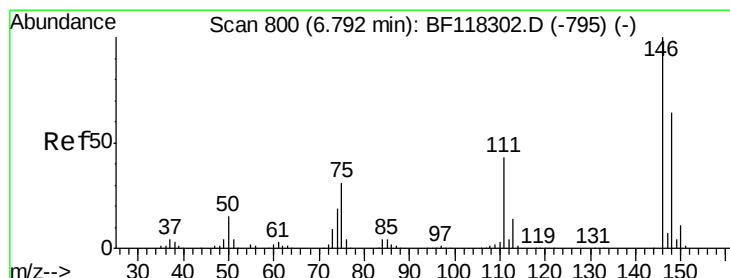
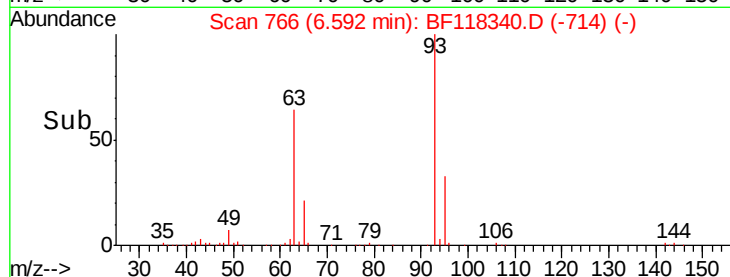
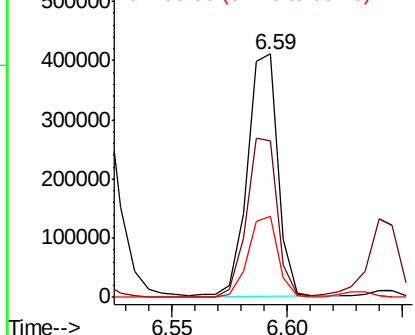
bis(2-Chloroethyl)ether
Concen: 41.238 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.3	47.0	87.0
95	33.2	12.8	52.8



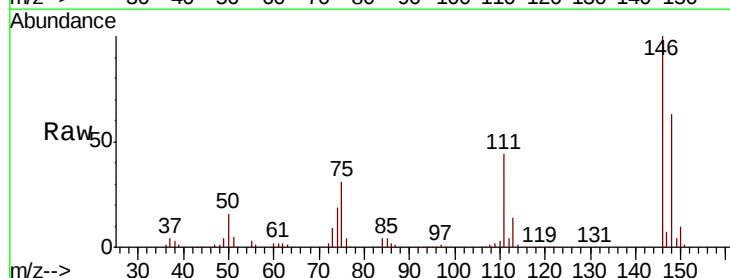
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



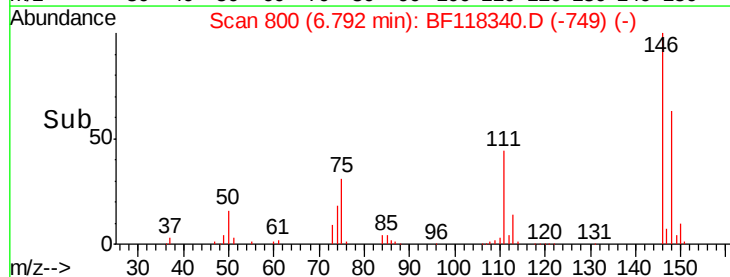
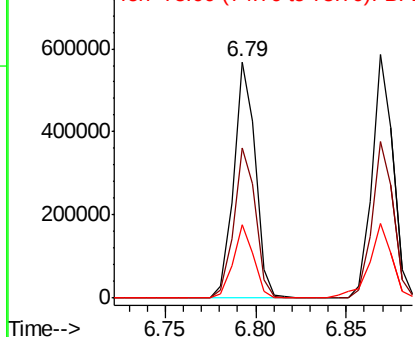
#12

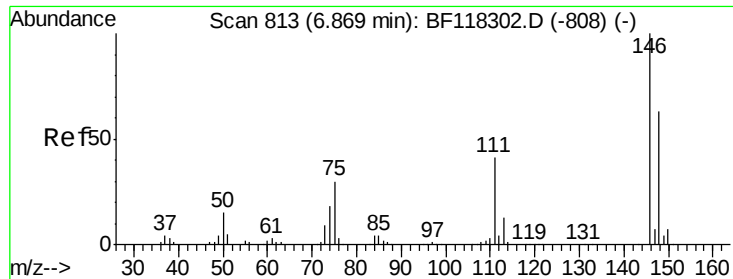
1,3-Dichlorobenzene
Concen: 39.456 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	31.0	24.4	36.6



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





#13

1,4-Dichlorobenzene

Concen: 39.133 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

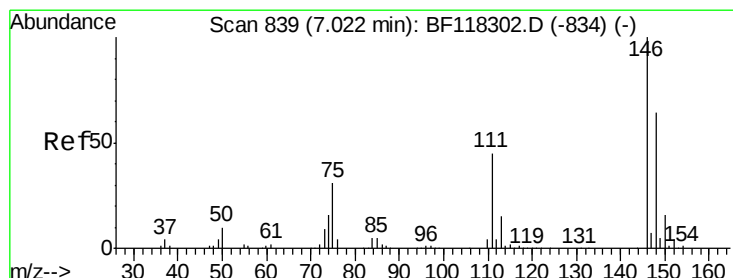
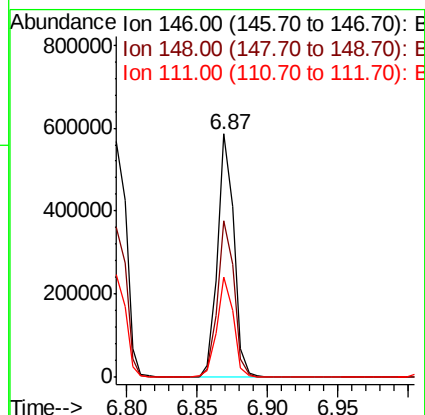
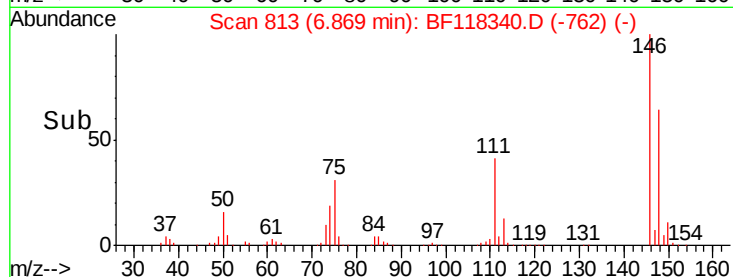
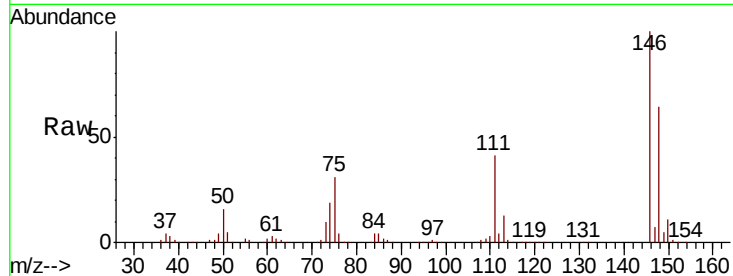
Tot Ion:146 Resp: 476690

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 41.4 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 39.500 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

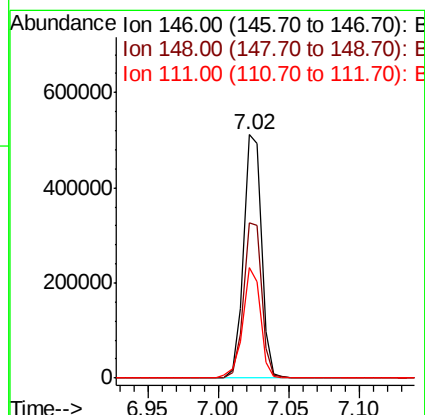
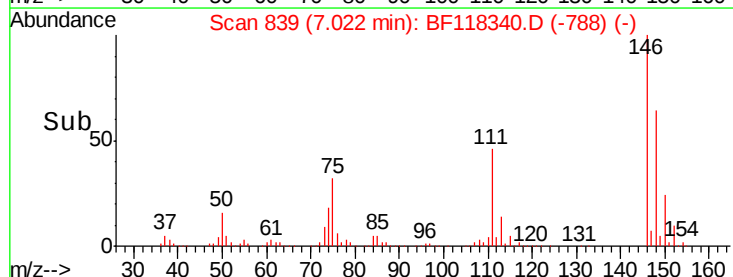
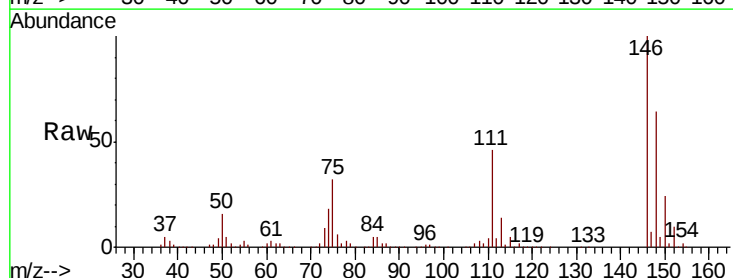
Tgt Ion:146 Resp: 454273

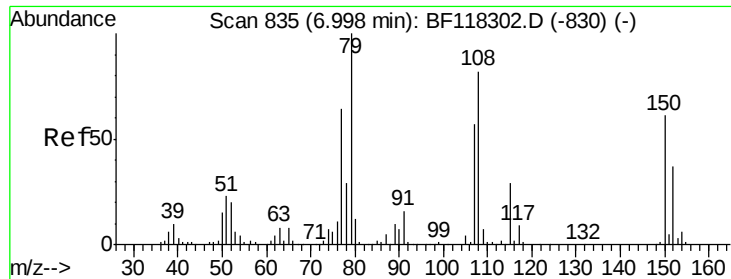
Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 45.5 35.7 53.5





#15

Benzyl Alcohol

Concen: 41.582 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampled :

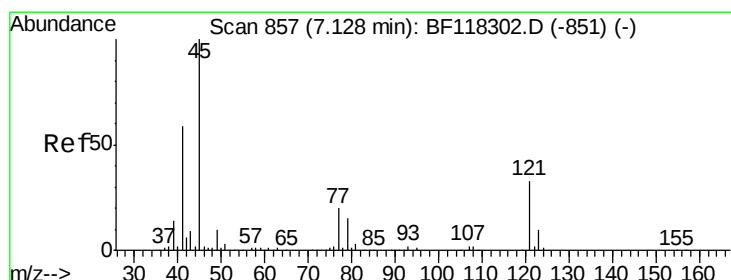
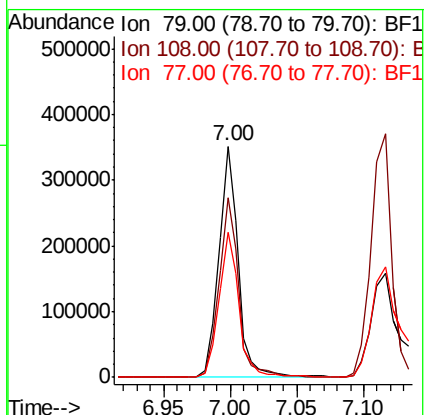
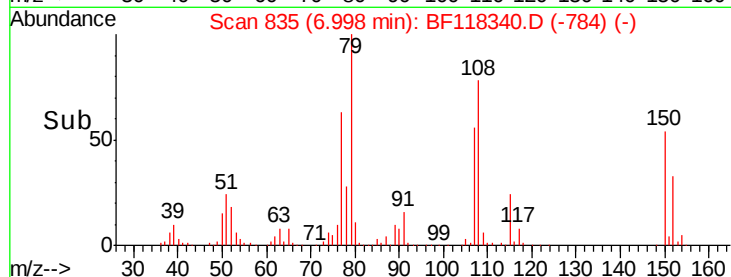
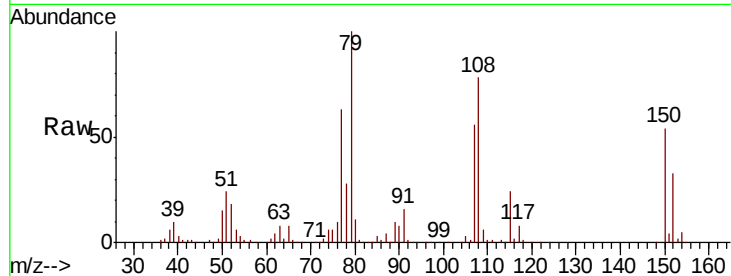
Tot Ion: 79 Resp: 361109

Ion Ratio Lower Upper

79 100

108 77.6 65.4 98.0

77 63.0 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.860 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

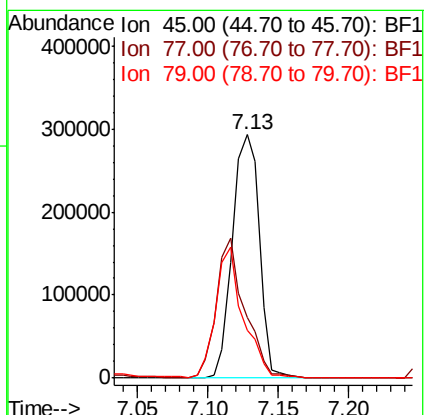
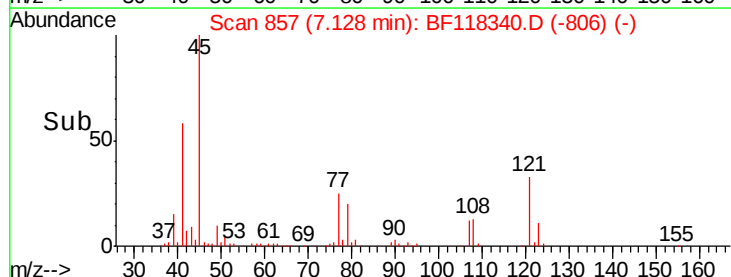
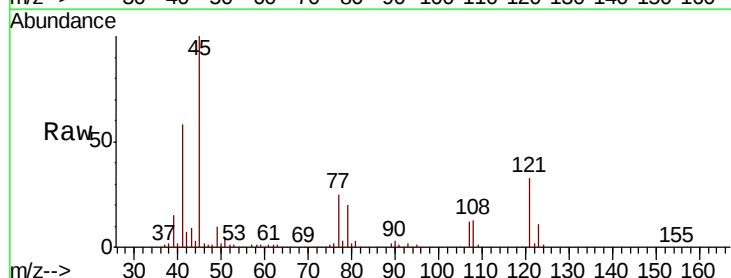
Tgt Ion: 45 Resp: 389956

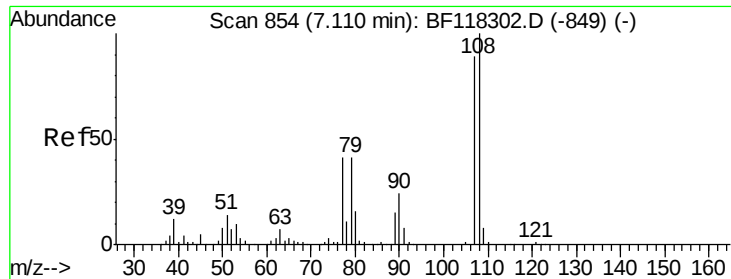
Ion Ratio Lower Upper

45 100

77 24.8 1.2 41.2

79 19.6 0.0 37.0

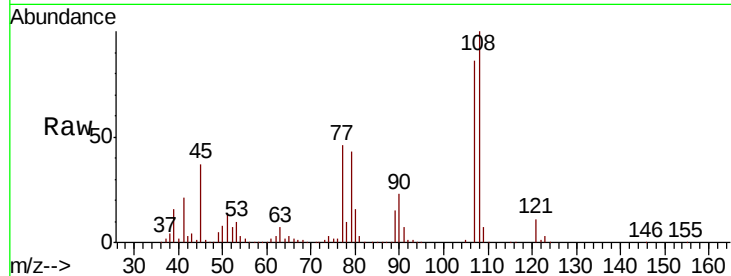




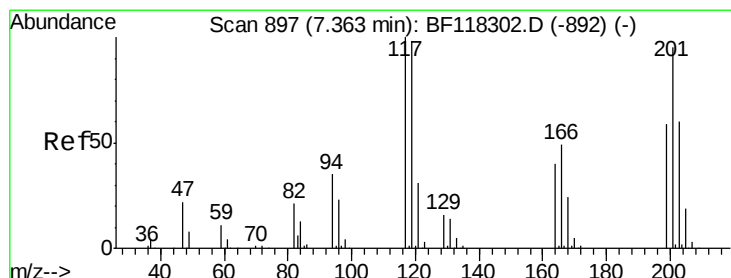
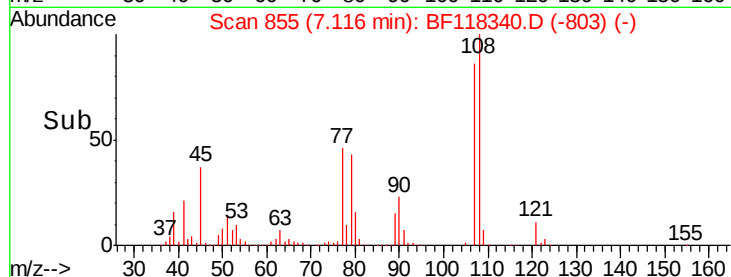
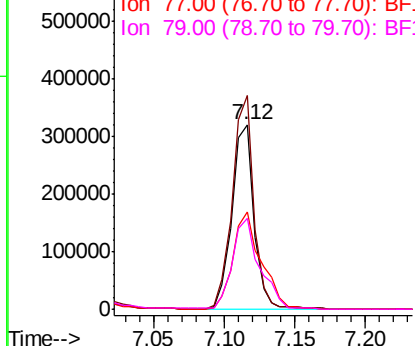
#17
2-Methylphenol
Concen: 41.743 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 348640
Ion Ratio Lower Upper
107 100
108 115.7 89.7 134.5
77 52.7 37.2 55.8
79 49.4 36.7 55.1

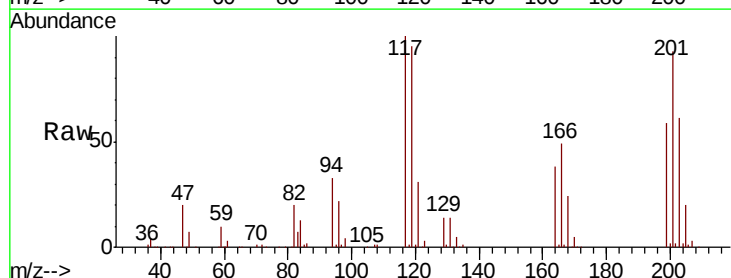


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

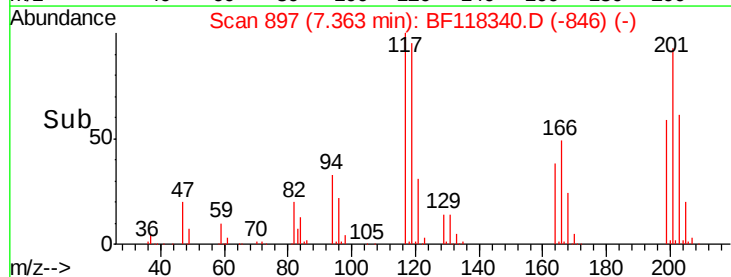
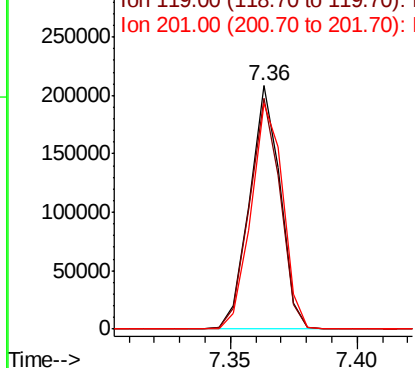


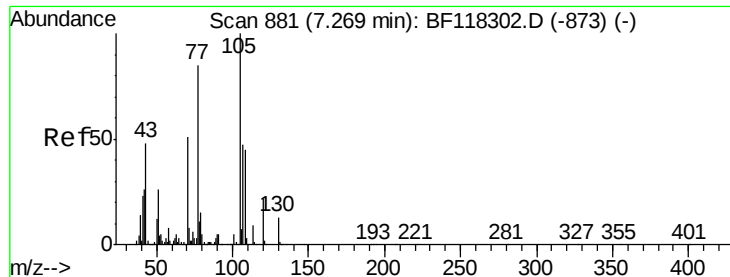
#18
Hexachloroethane
Concen: 39.187 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:117 Resp: 175193
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0
201 92.8 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

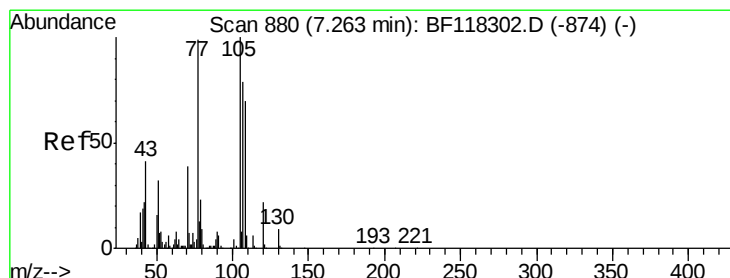
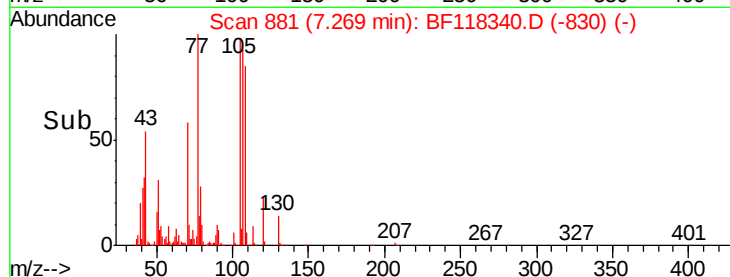
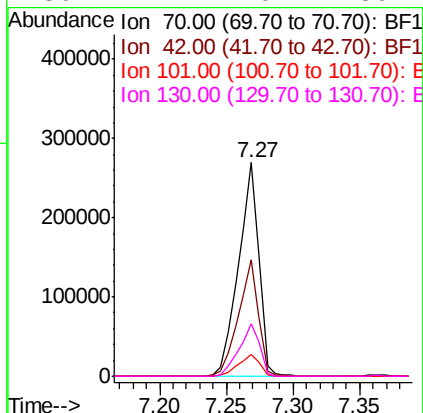
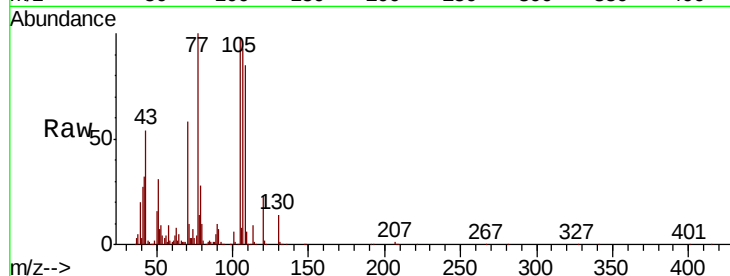




#19
n-Nitroso-di-n-propylamine
Concen: 41.019 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

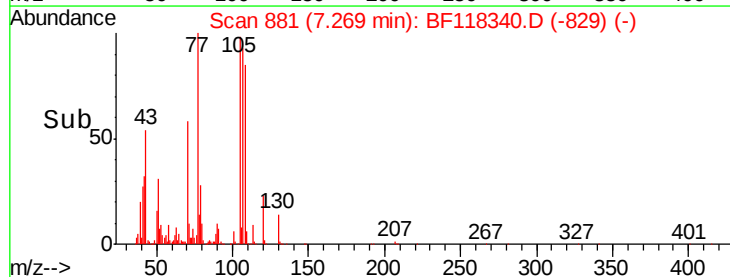
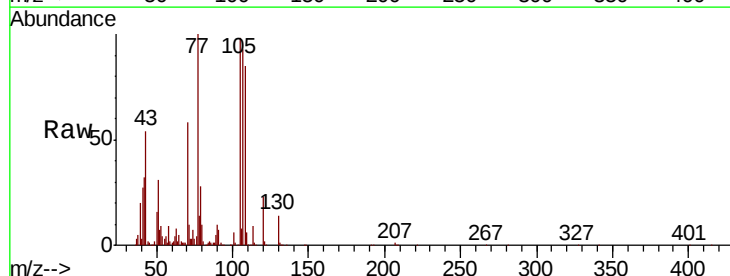
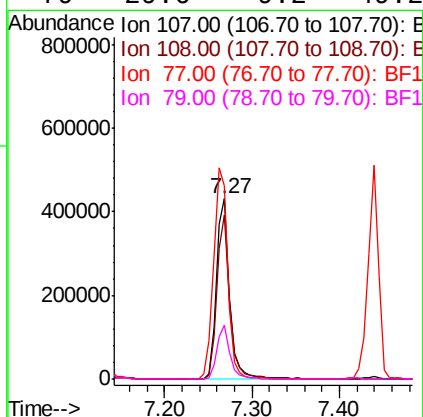
Instrument :
BNA_F
ClientSampleId :

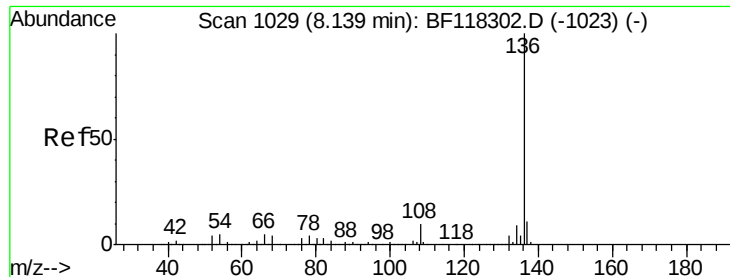
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	41.1	61.7
101	10.0	8.3	12.5
130	24.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 41.939 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.3	109.3
77	107.3	105.9	145.9
79	29.6	9.2	49.2

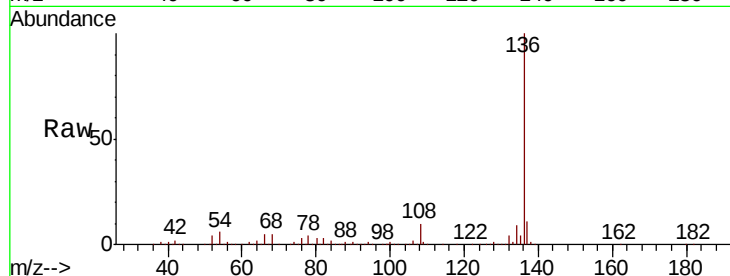




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 623815
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 5.5	4.2 6.4
68 4.6	3.5 5.3



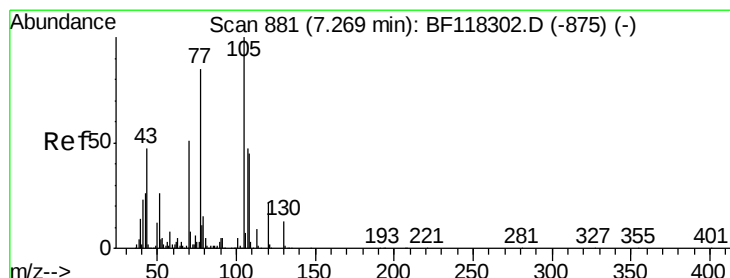
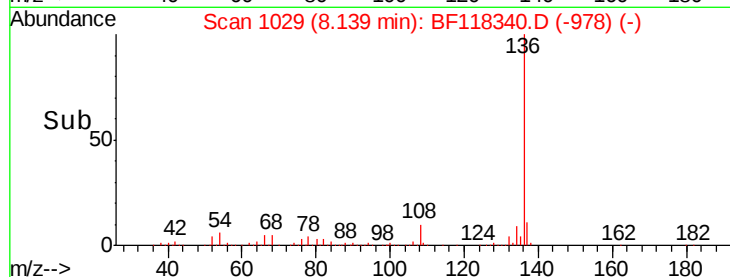
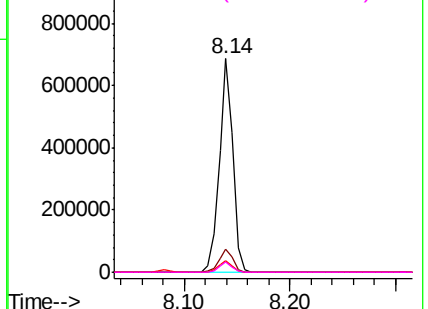
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

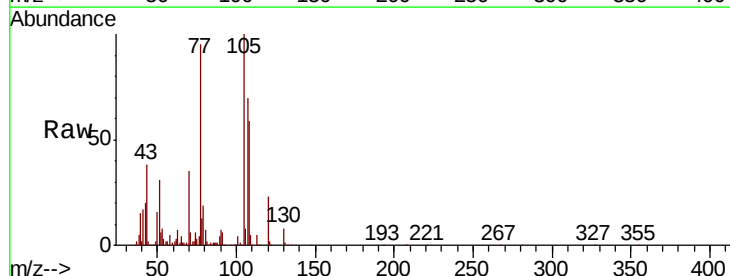
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.322 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt	Ion:105	Resp:	585900
Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.6	9.8#
51	30.7	20.6	30.8
120	22.6	18.0	27.0



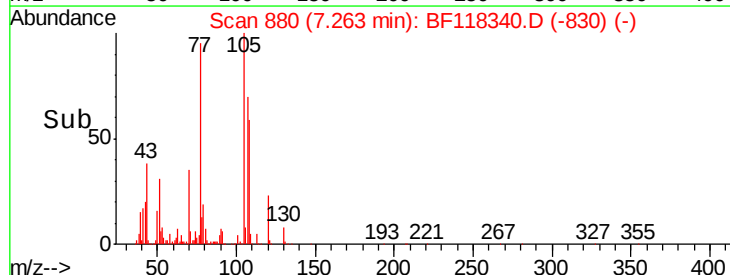
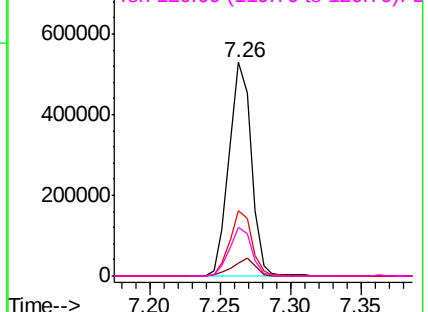
Abundance

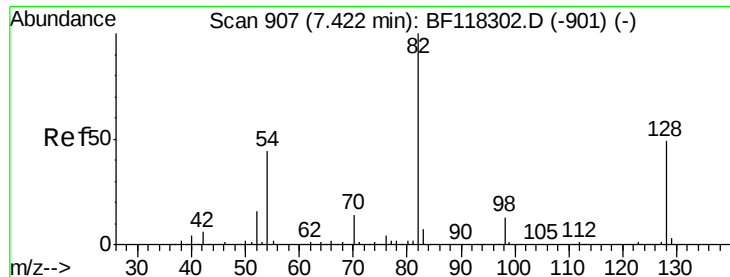
Ion 105.00 (104.70 to 105.70): E

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

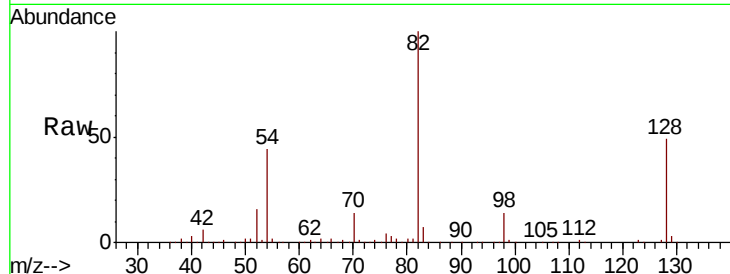




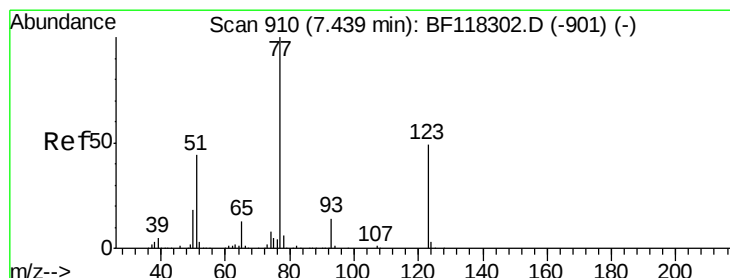
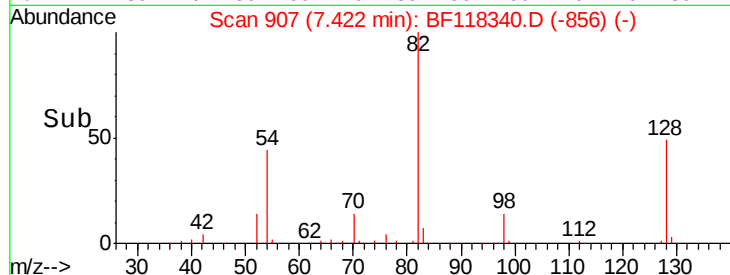
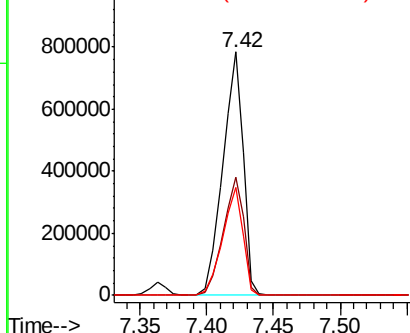
#23
Nitrobenzene-d5
Concen: 78.055 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	851335
Ion Ratio	100	Lower	Upper
128	48.5	39.6	59.4
54	44.3	34.9	52.3

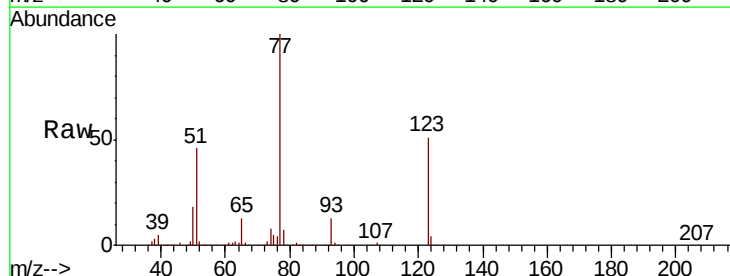


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

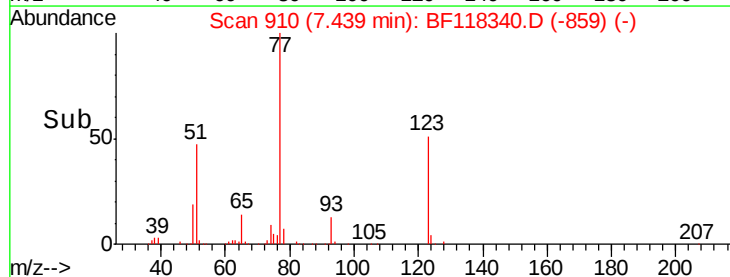
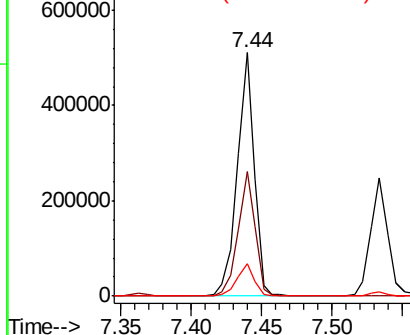


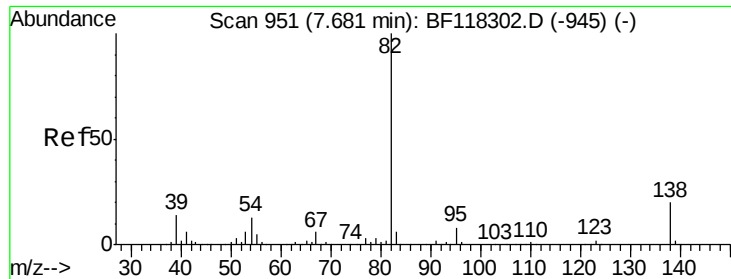
#24
Nitrobenzene
Concen: 39.059 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion	77	Resp	426743
Ion Ratio	100	Lower	Upper
123	51.4	39.1	58.7
65	13.5	10.6	16.0



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





#25

Isophorone

Concen: 41.946 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

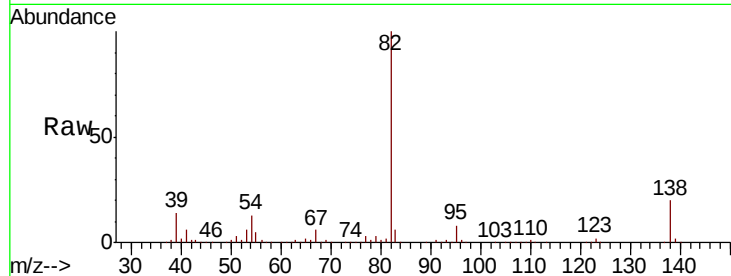
Tot Ion: 82 Resp: 797318

Ion Ratio Lower Upper

82 100

95 7.6 6.3 9.5

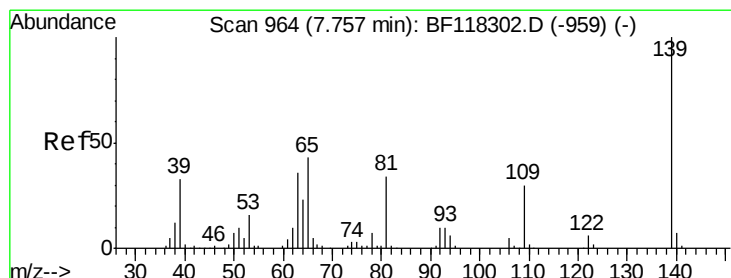
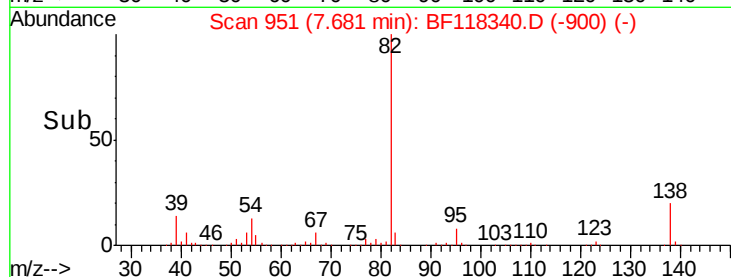
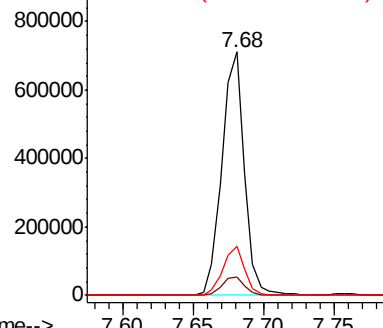
138 20.1 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.985 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

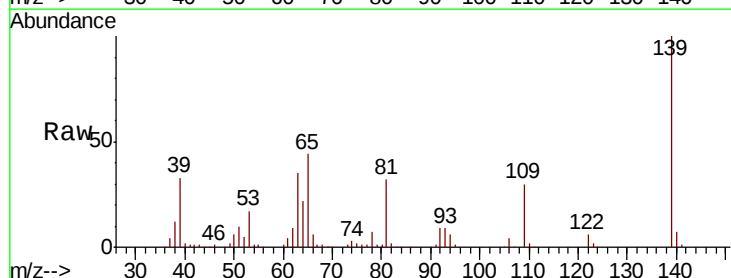
Tgt Ion: 139 Resp: 248754

Ion Ratio Lower Upper

139 100

109 30.5 24.1 36.1

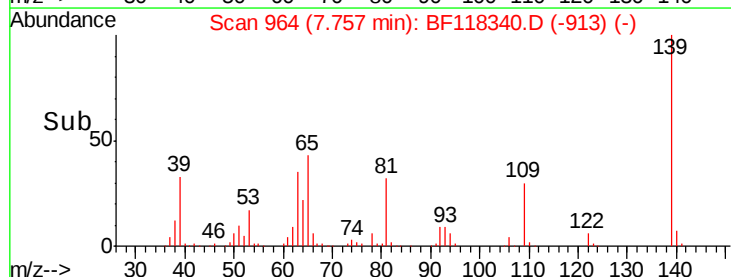
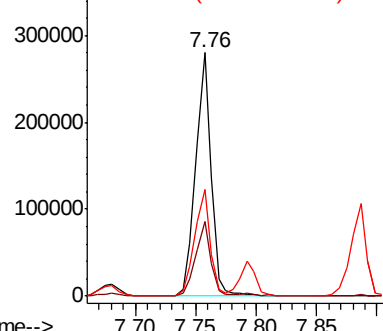
65 43.7 34.6 52.0

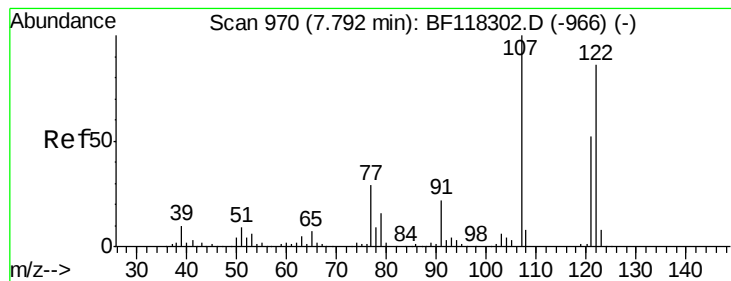


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.116 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampled :

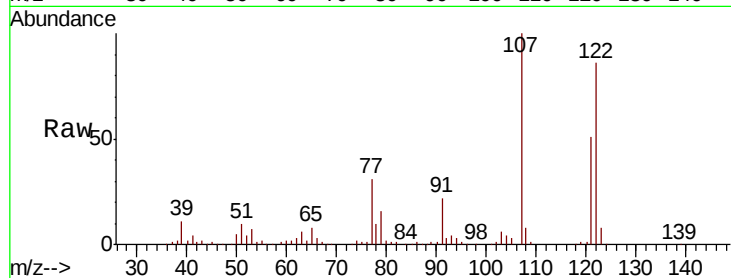
Tot Ion:122 Resp: 387806

Ion Ratio Lower Upper

122 100

107 116.2 92.9 139.3

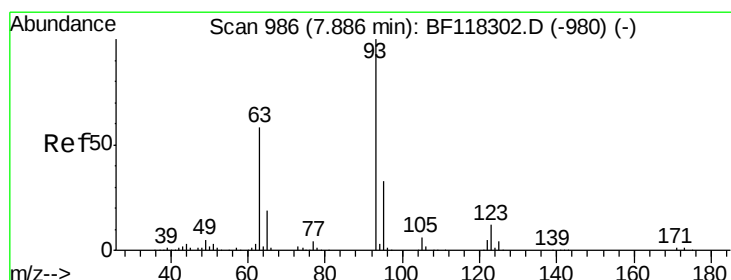
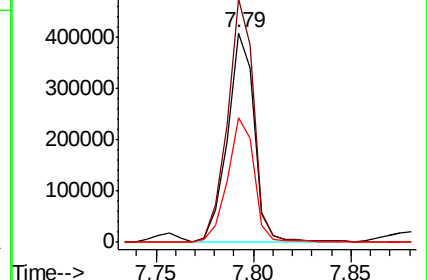
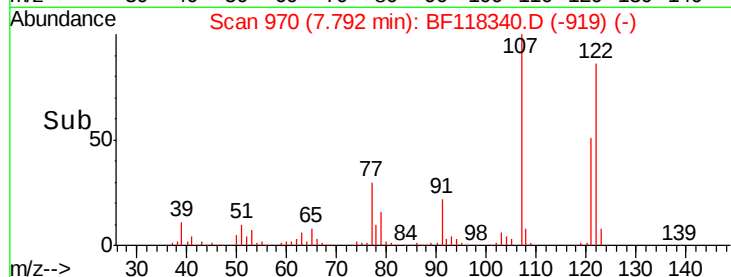
121 59.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.697 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

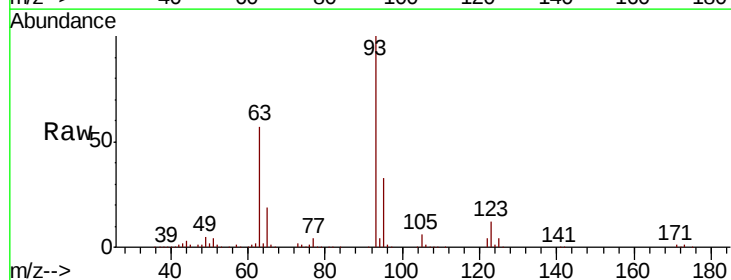
Tgt Ion: 93 Resp: 493483

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

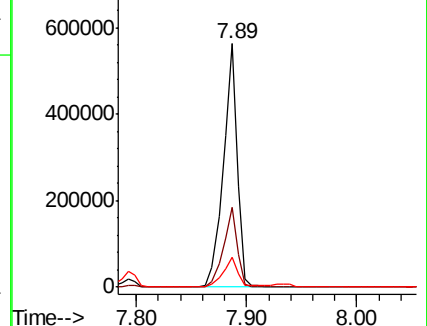
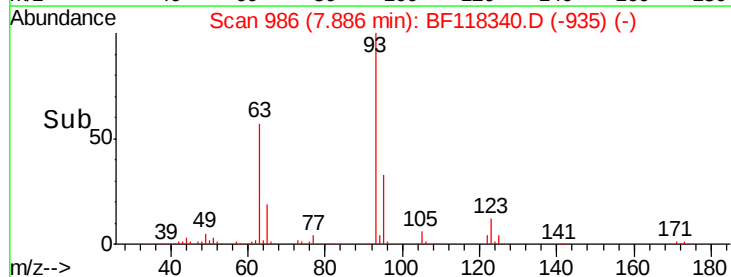
123 12.3 9.8 14.8

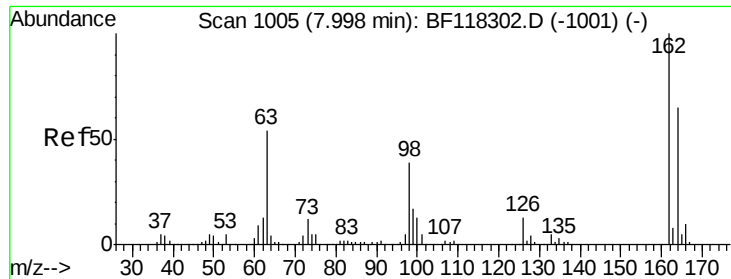


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

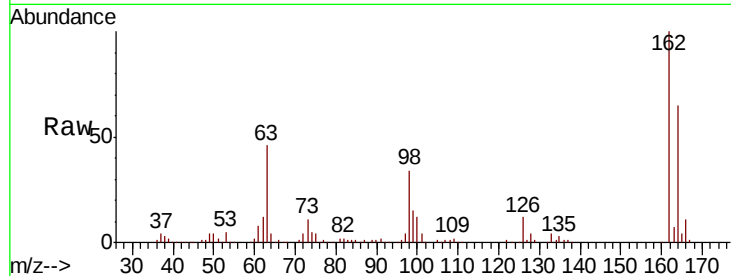




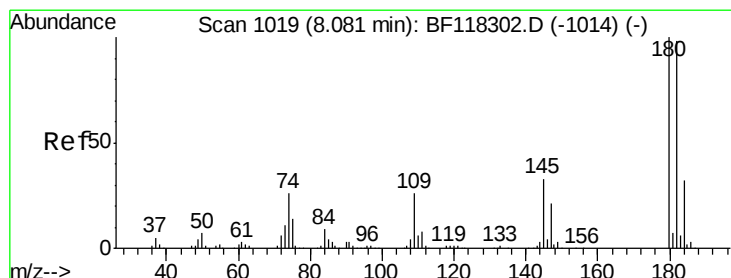
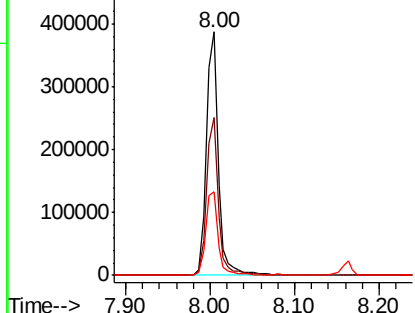
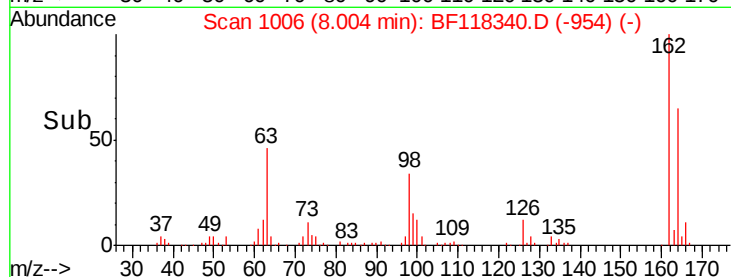
#29
 2,4-Dichlorophenol
 Concen: 41.747 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 379397
 Ion Ratio Lower Upper
 162 100
 164 65.0 45.1 85.1
 98 34.1 18.6 58.6

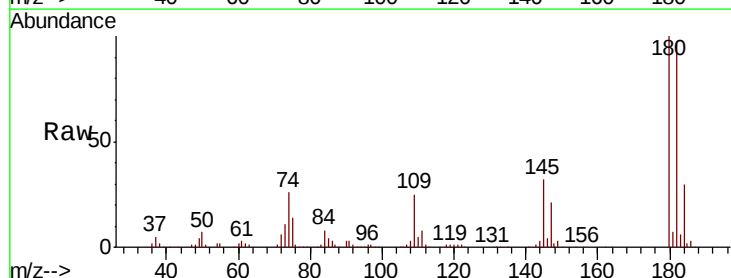


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

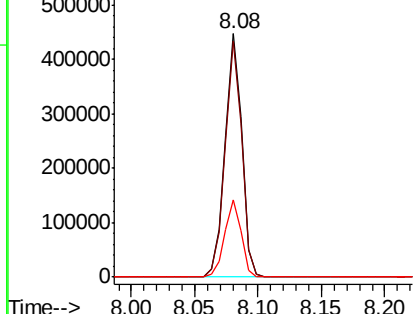
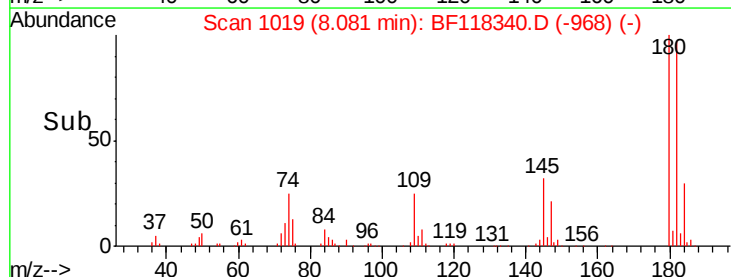


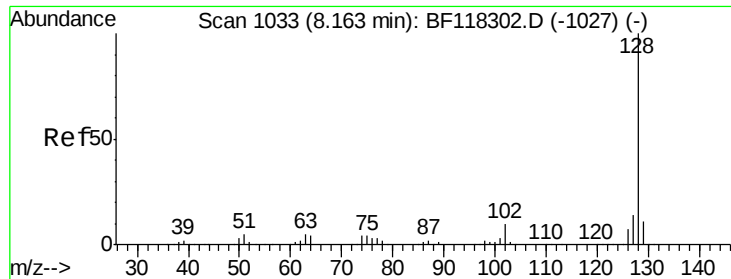
#30
 1,2,4-Trichlorobenzene
 Concen: 38.898 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion:180 Resp: 411795
 Ion Ratio Lower Upper
 180 100
 182 96.7 78.3 117.5
 145 31.9 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

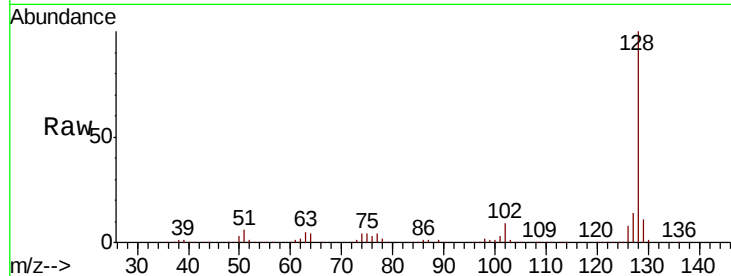




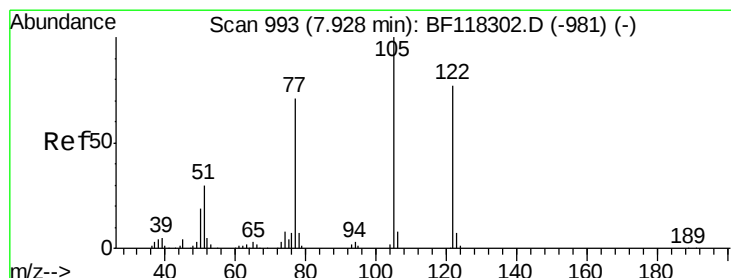
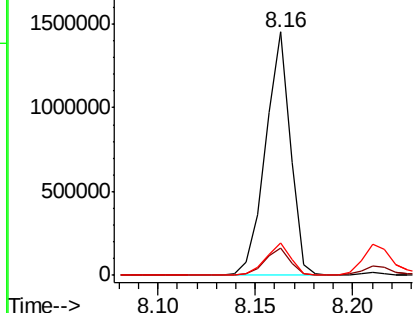
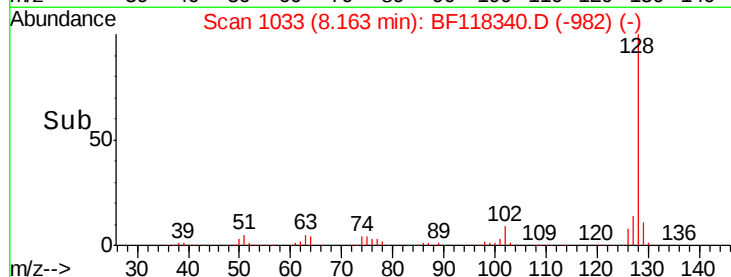
#31
Naphthalene
Concen: 40.407 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1281168
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.6 11.0 16.4

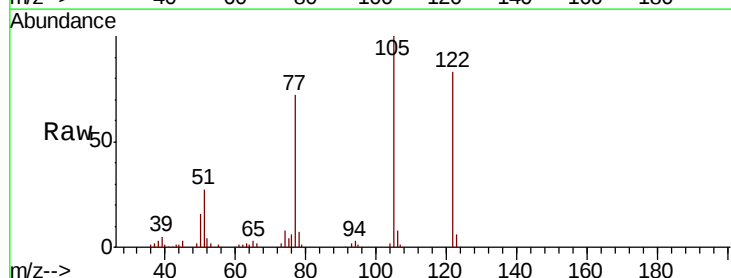


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

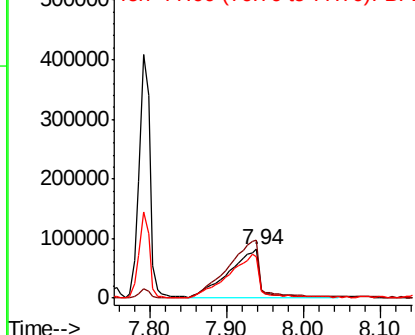
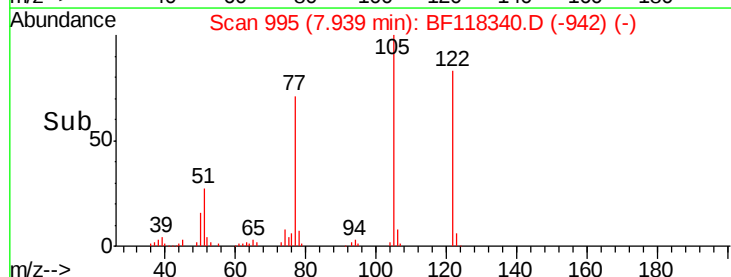


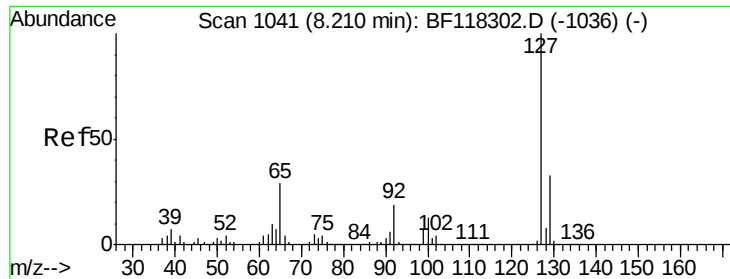
#32
Benzoic acid
Concen: 36.100 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:122 Resp: 230052
Ion Ratio Lower Upper
122 100
105 119.8 106.8 146.8
77 85.8 70.4 110.4



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

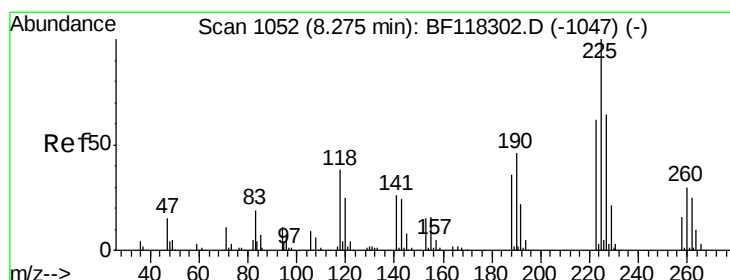
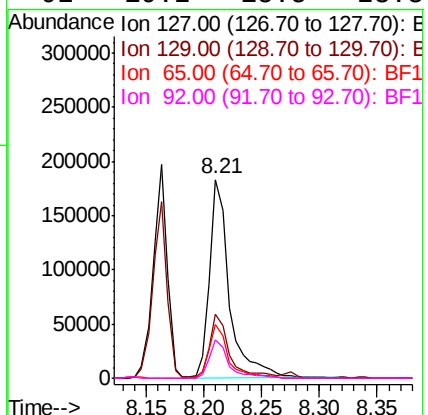
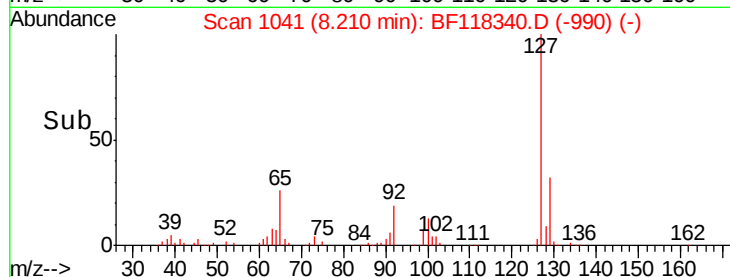
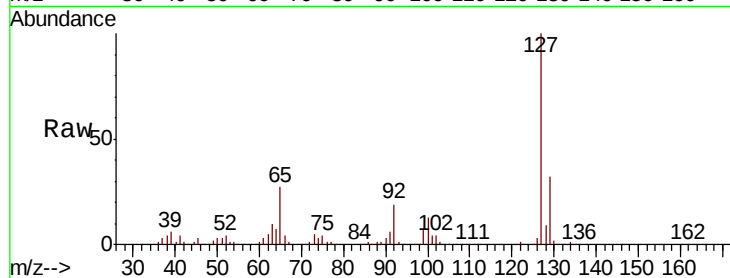




#33
4-Chloroaniline
Concen: 16.119 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

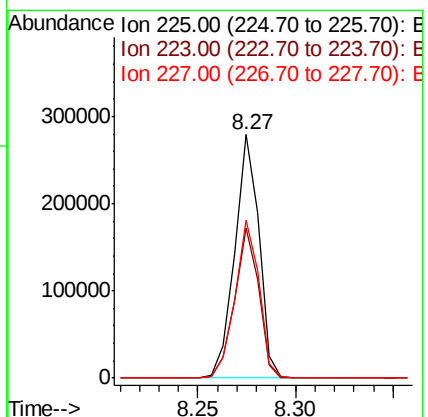
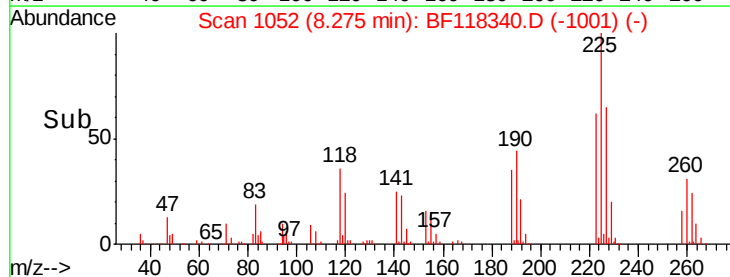
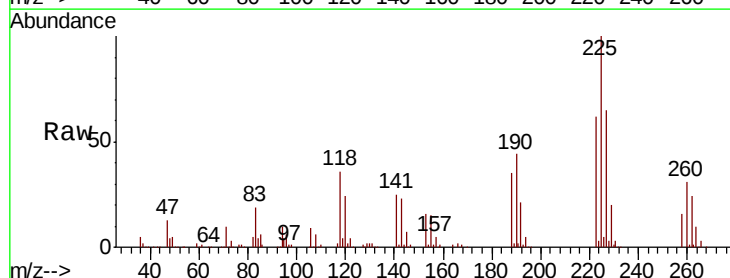
Instrument :
BNA_F
ClientSampleId :

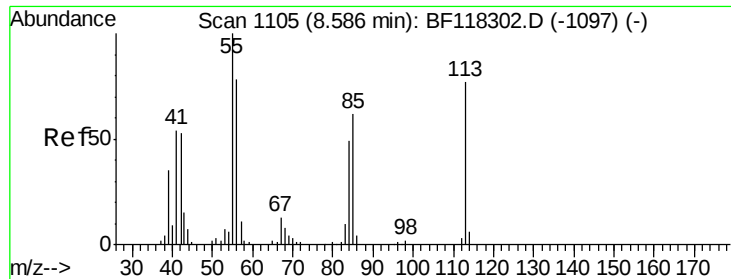
Tot Ion:	127	Resp:	219095
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	27.0	22.8	34.2
92	19.2	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.178 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:	225	Resp:	240588
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.5	74.3
227	64.8	51.0	76.4

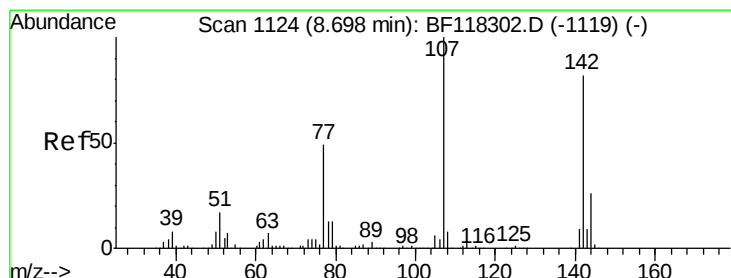
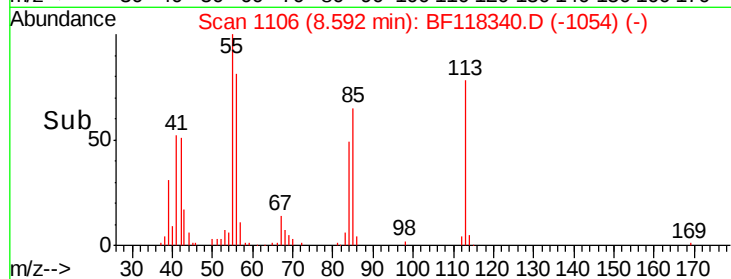
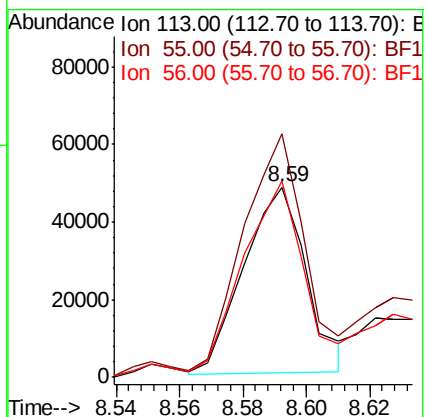
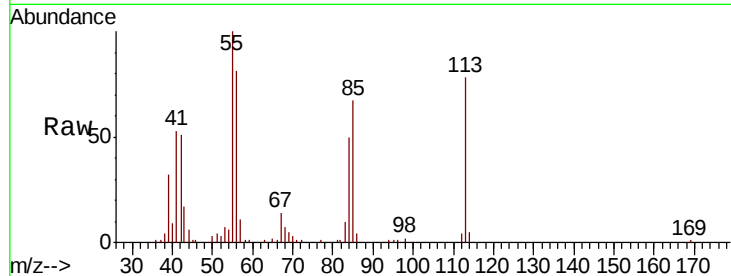




#35
Caprolactam
Concen: 23.076 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

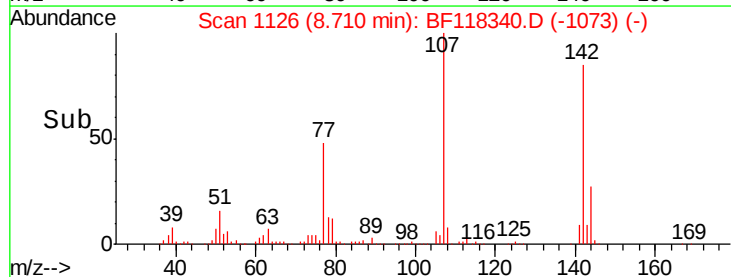
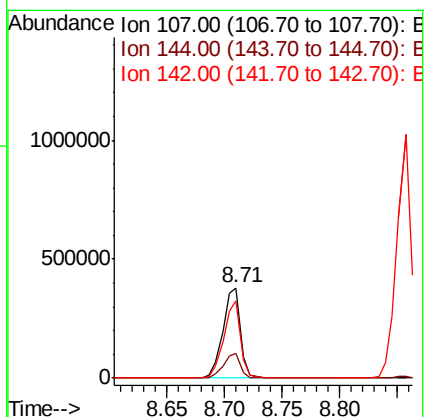
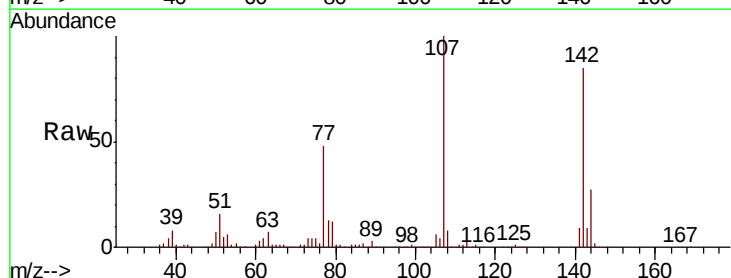
Instrument :
BNA_F
ClientSampleId :

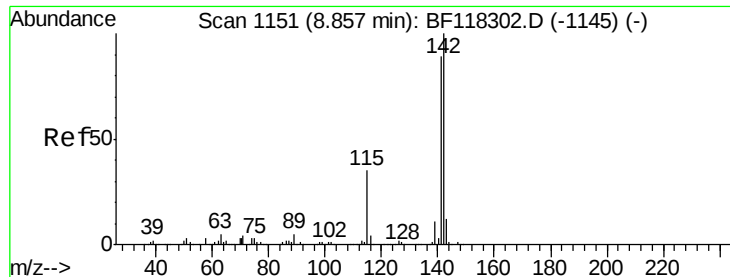
Tot Ion:113 Resp: 65473
Ion Ratio Lower Upper
113 100
55 127.8 109.8 149.8
56 102.9 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:107 Resp: 402360
Ion Ratio Lower Upper
107 100
144 26.8 21.2 31.8
142 84.6 65.4 98.2

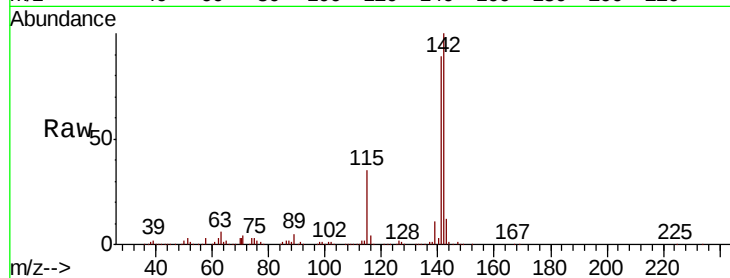




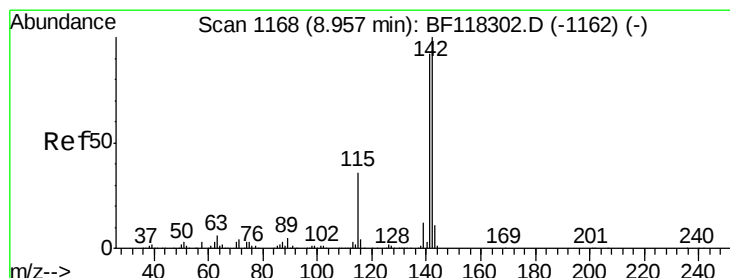
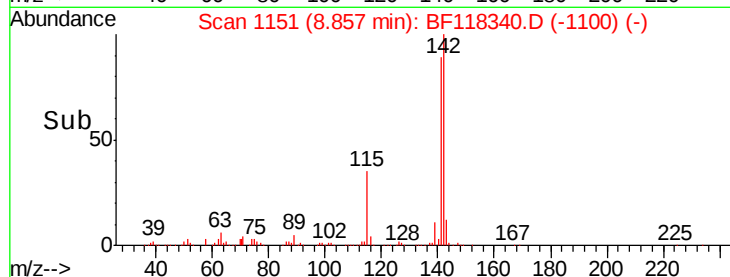
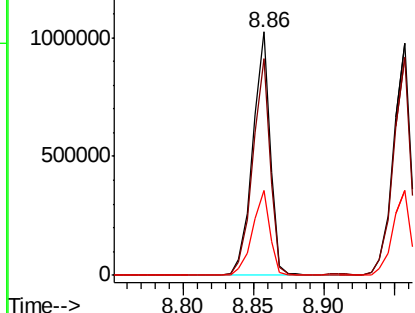
#37
2-Methylnaphthalene
Concen: 41.091 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	35.1	28.0	42.0

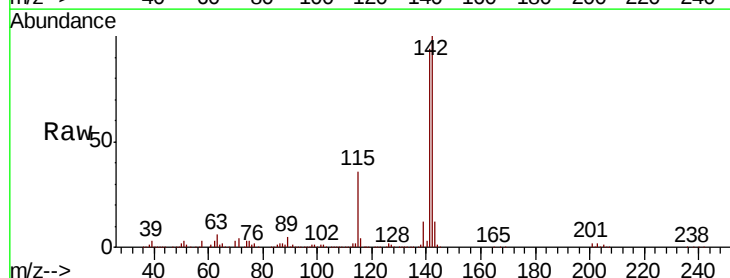


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

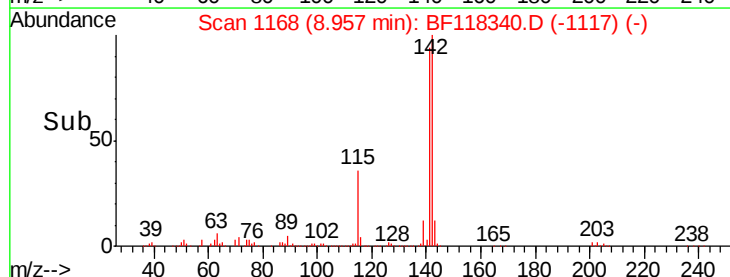
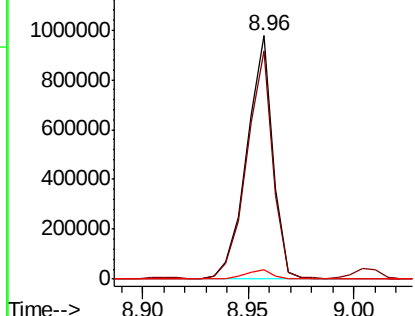


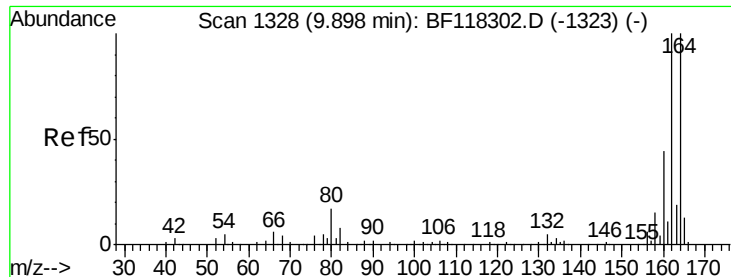
#38
1-Methylnaphthalene
Concen: 40.664 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.4	110.2
116	3.8	2.9	4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

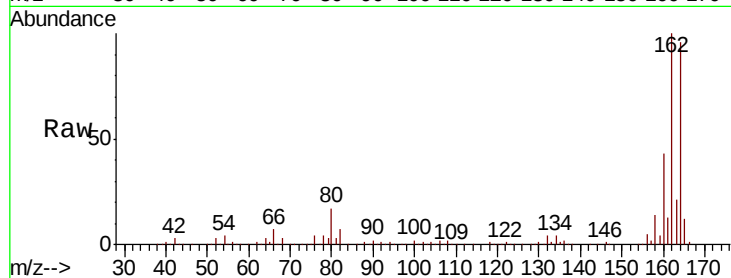
Tot Ion:164 Resp: 340161

Ion Ratio Lower Upper

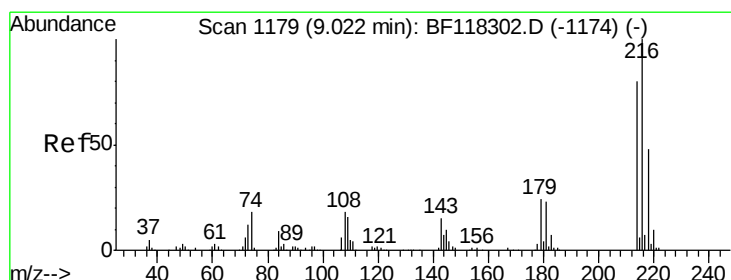
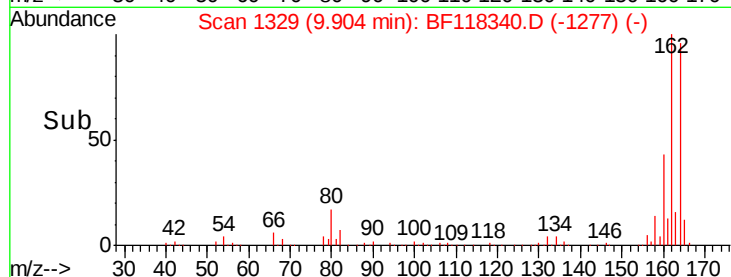
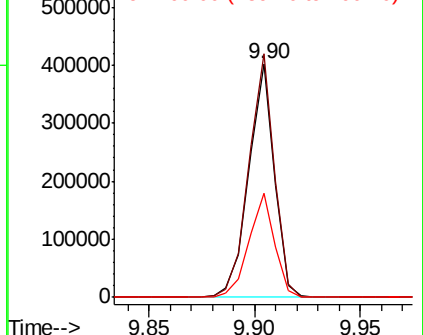
164 100

162 104.0 80.0 120.0

160 44.3 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: 38.266 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Tgt Ion:216 Resp: 391091

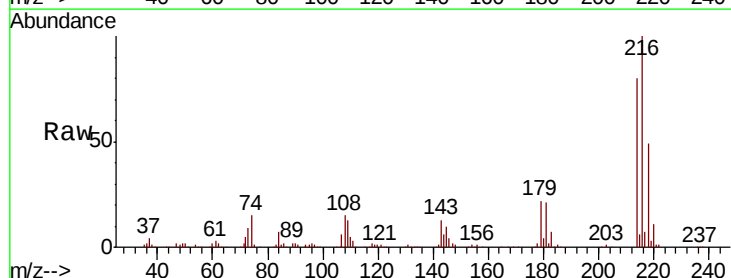
Ion Ratio Lower Upper

216 100

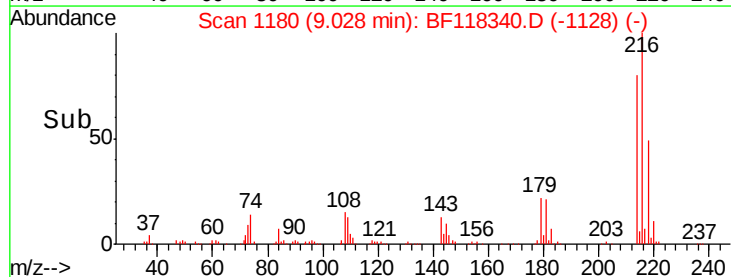
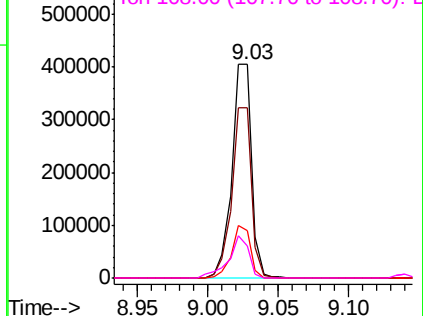
214 79.6 63.3 94.9

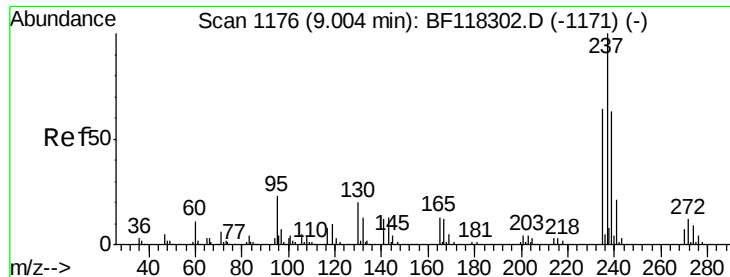
179 23.5 18.9 28.3

108 20.4 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: 72.579 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

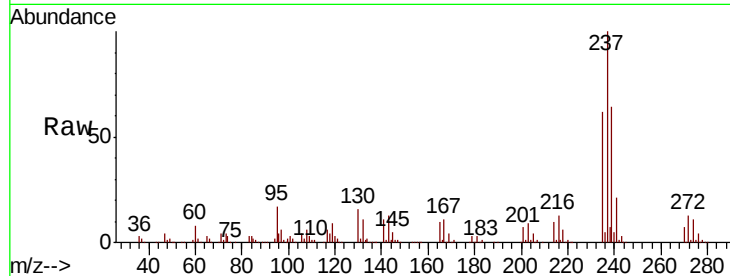
Tot Ion:237 Resp: 308305

Ion Ratio Lower Upper

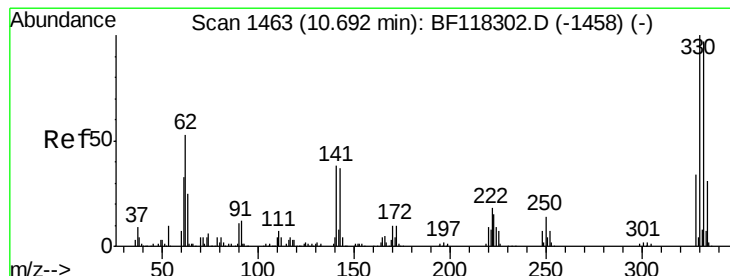
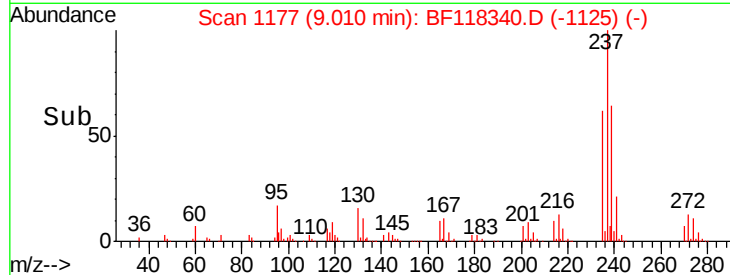
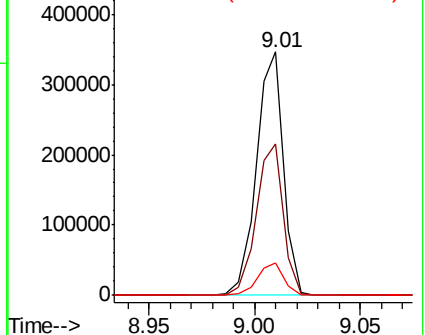
237 100

235 62.2 43.8 83.8

272 13.5 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: 122.383 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

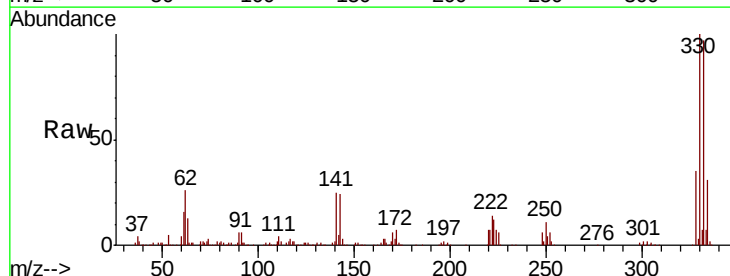
Tgt Ion:330 Resp: 514098

Ion Ratio Lower Upper

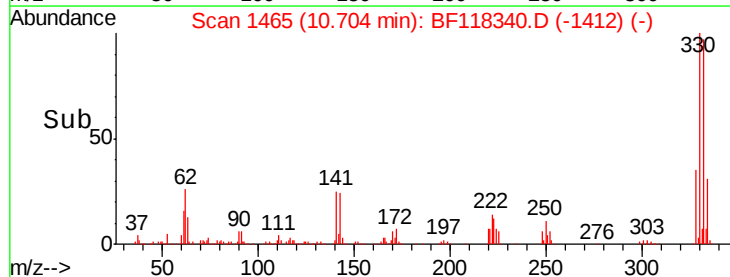
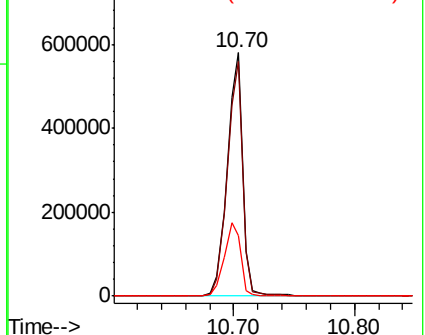
330 100

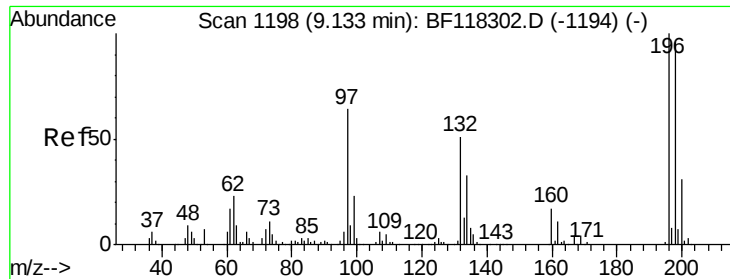
332 97.0 76.6 114.8

141 32.2 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

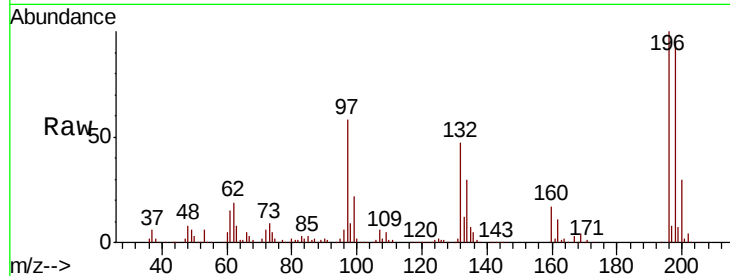




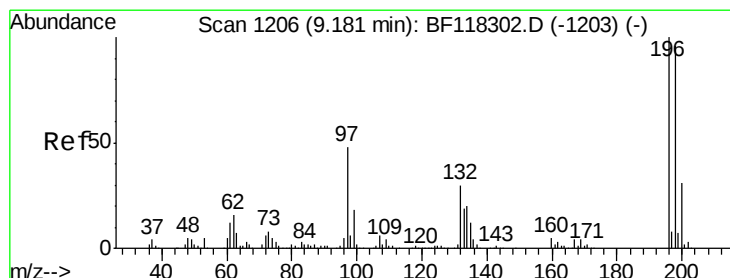
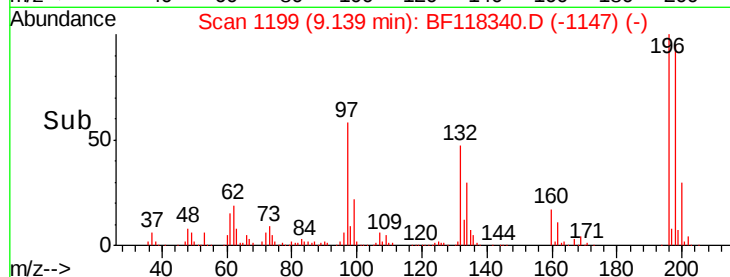
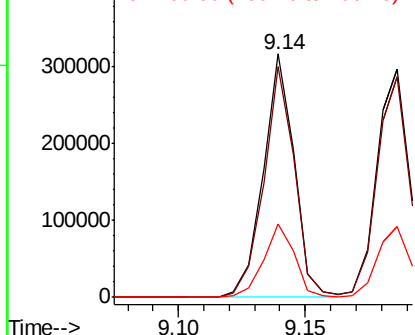
#43
 2,4,6-Trichlorophenol
 Concen: 39.801 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 271755
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.7 115.1
 200 29.9 24.8 37.2

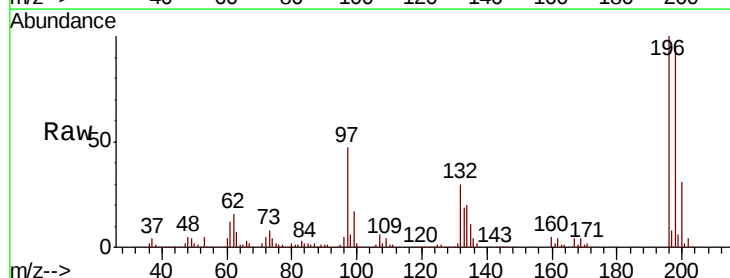


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

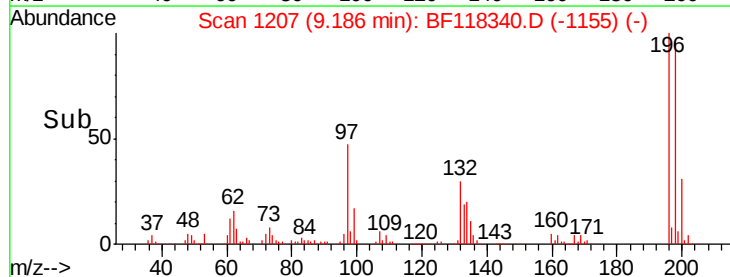
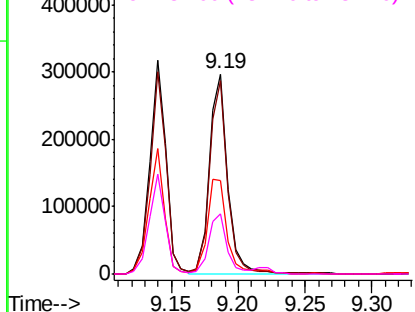


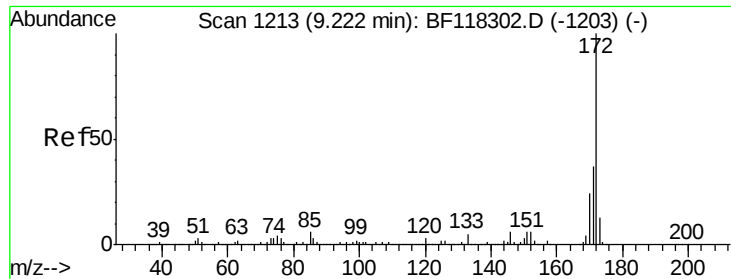
#44
 2,4,5-Trichlorophenol
 Concen: 40.588 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion:196 Resp: 285085
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.4
 97 47.0 38.9 58.3
 132 29.8 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

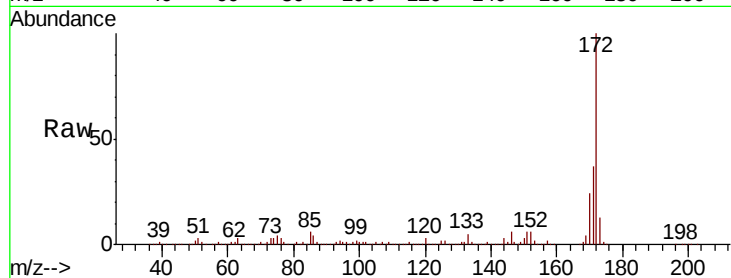




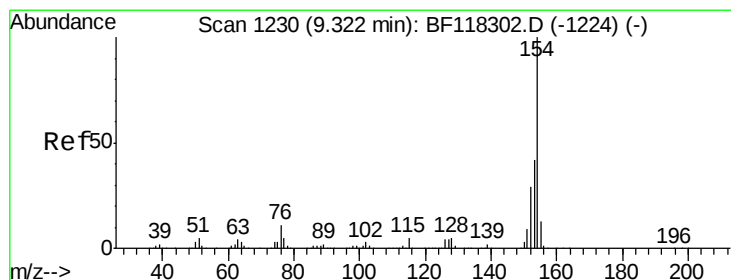
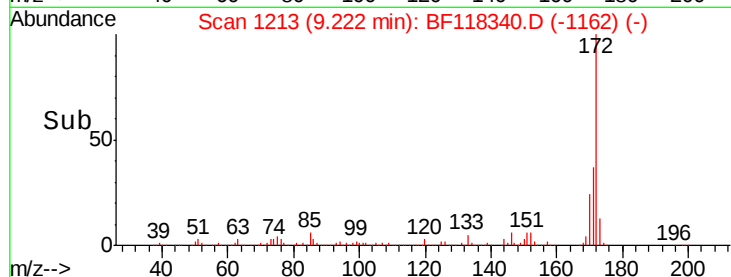
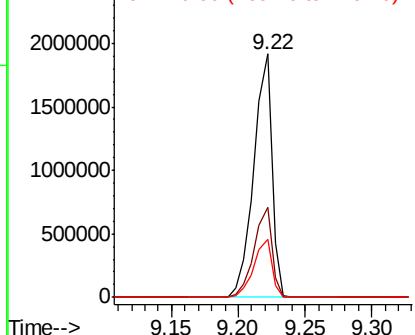
#45
2-Fluorobiphenyl
Concen: 80.114 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1785273
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.0 19.2 28.8

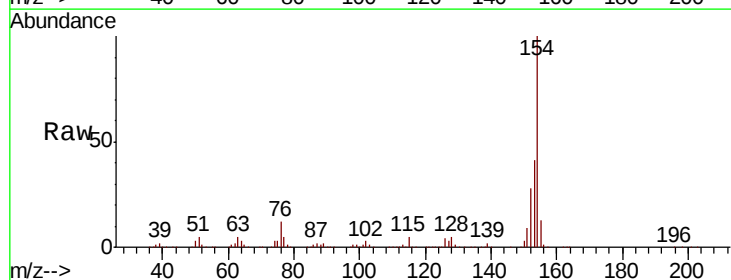


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

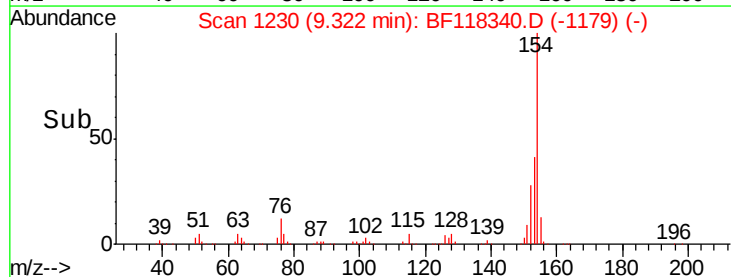
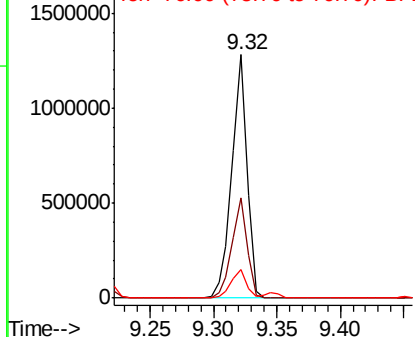


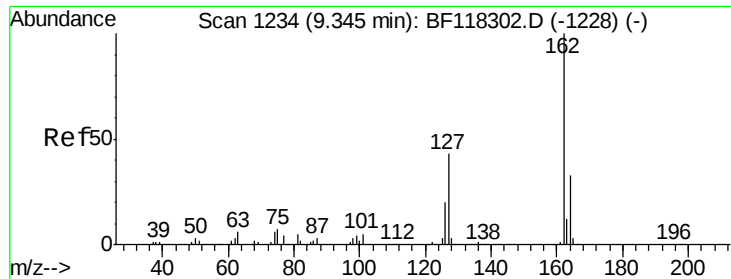
#46
1,1'-Biphenyl
Concen: 39.635 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:154 Resp: 1066358
Ion Ratio Lower Upper
154 100
153 41.1 21.8 61.8
76 11.7 0.0 30.9



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

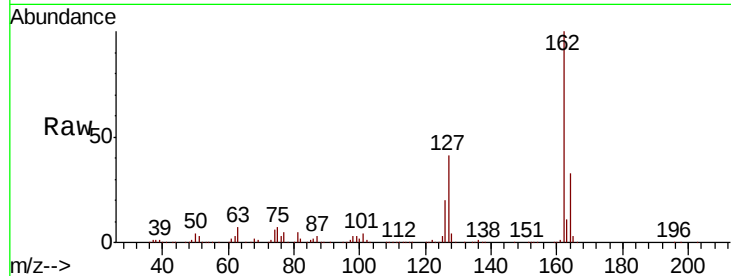




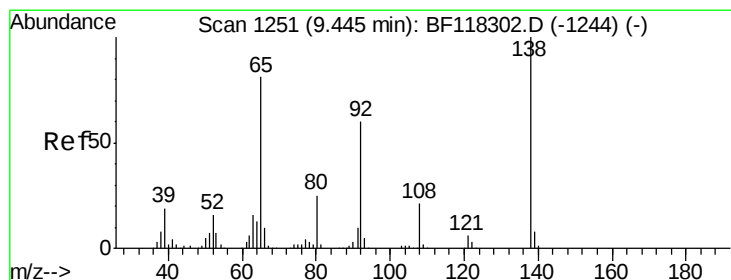
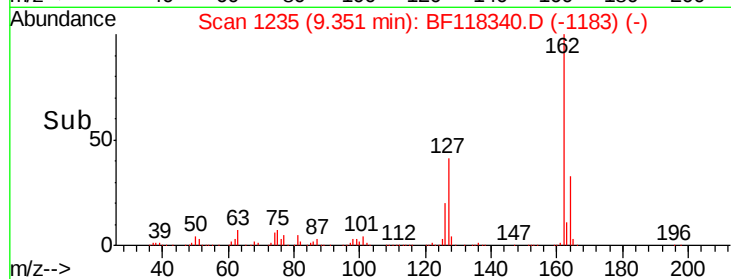
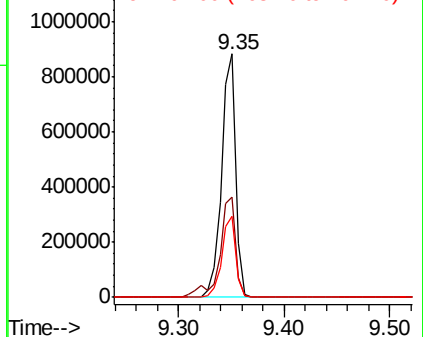
#47
 2-Chloronaphthalene
 Concen: 38.443 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 832444
 Ion Ratio Lower Upper
 162 100
 127 40.9 35.0 52.4
 164 33.5 26.6 40.0

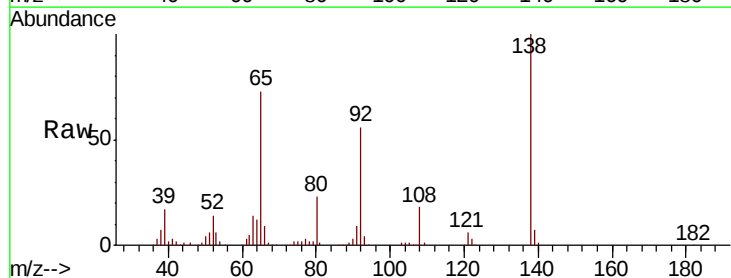


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

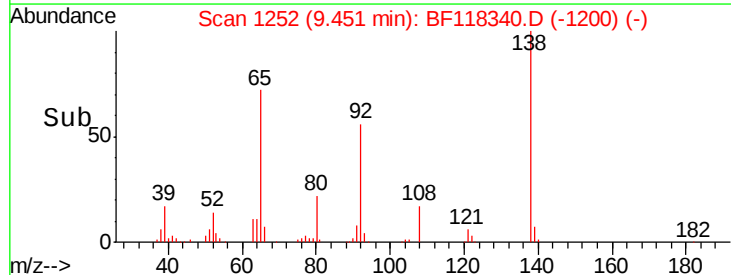
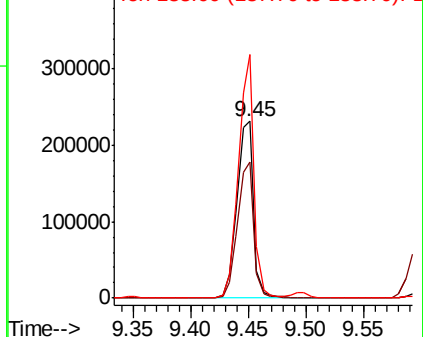


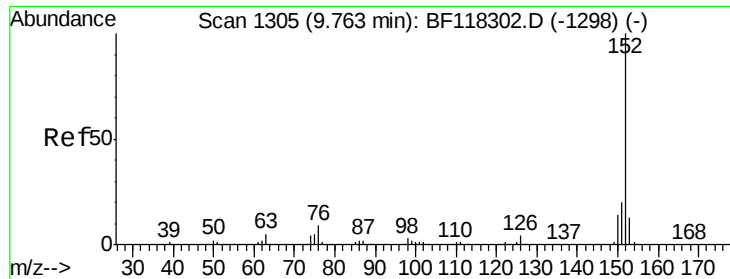
#48
 2-Nitroaniline
 Concen: 38.108 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion: 65 Resp: 233080
 Ion Ratio Lower Upper
 65 100
 92 77.0 58.7 88.1
 138 137.8 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: 41.434 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

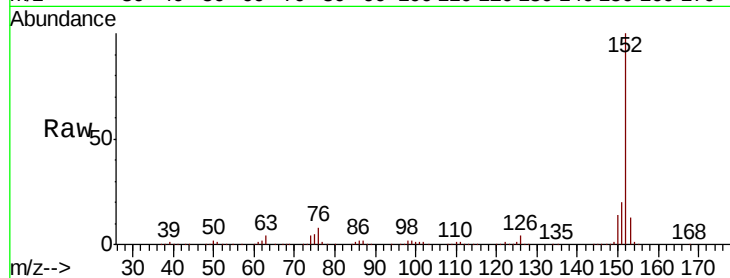
Tot Ion:152 Resp: 1330642

Ion Ratio Lower Upper

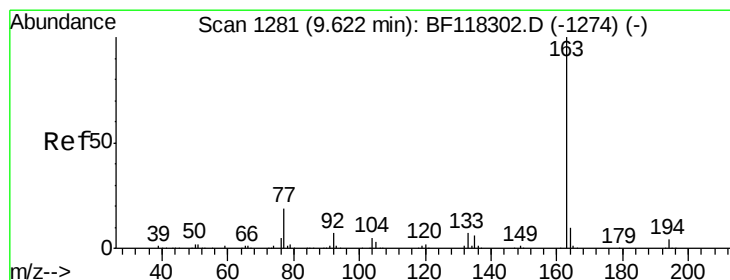
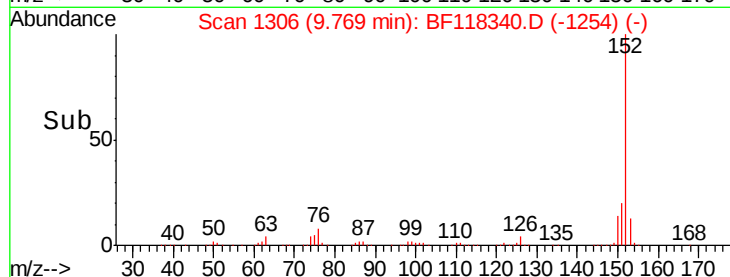
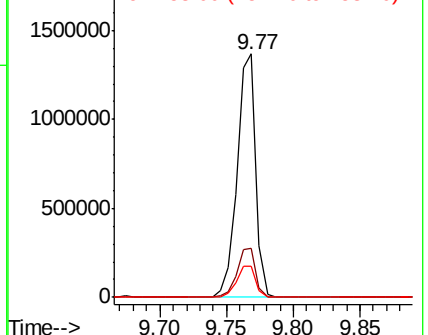
152 100

151 20.2 16.2 24.2

153 12.8 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: 44.947 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

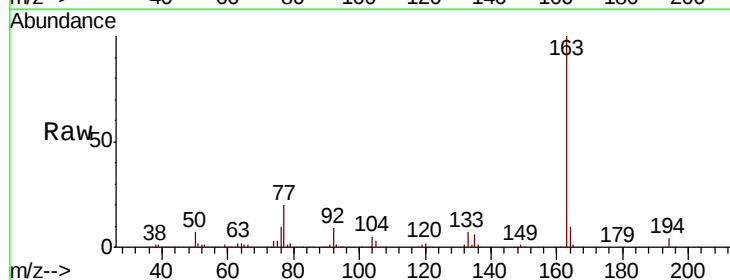
Tgt Ion:163 Resp: 1147657

Ion Ratio Lower Upper

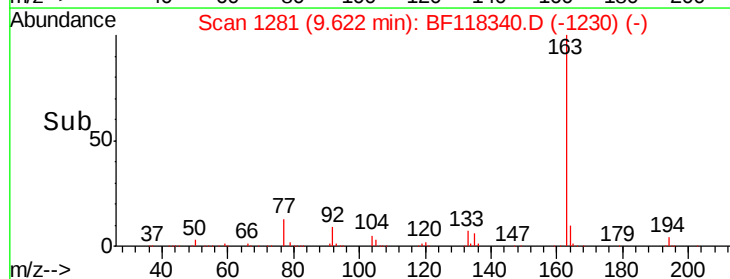
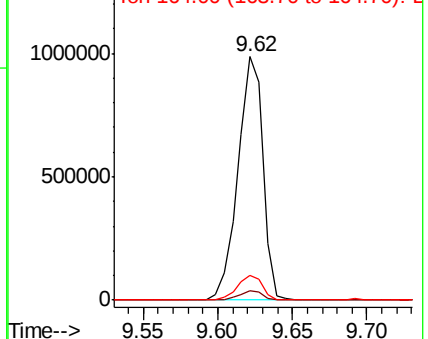
163 100

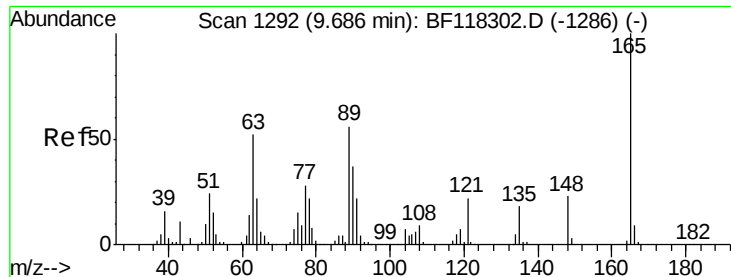
194 3.7 3.2 4.8

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: 40.956 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118340.D

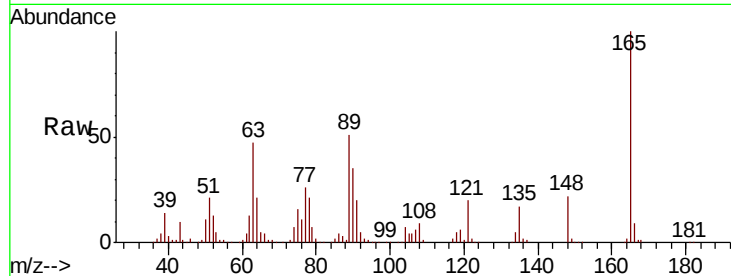
Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampled :

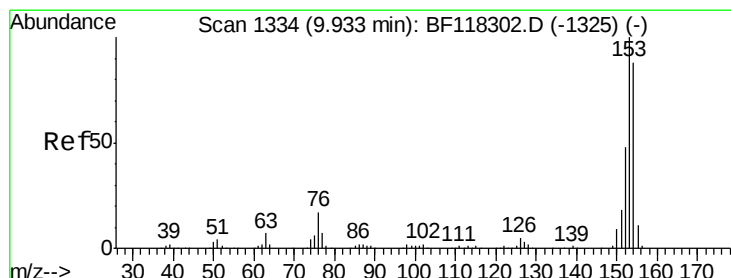
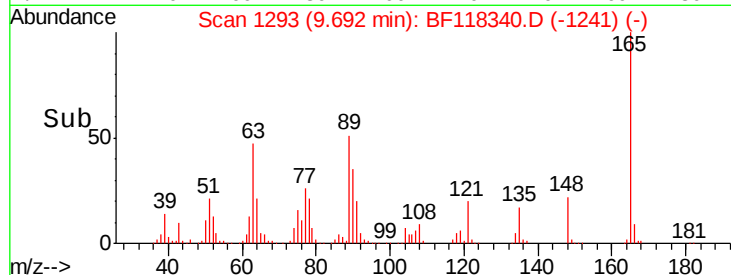
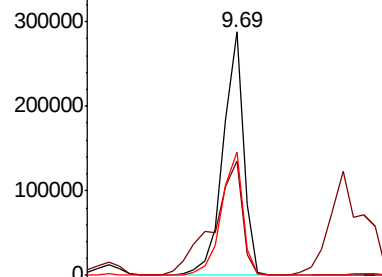
Tot Ion:165	Resp:	225457
Ion Ratio	Lower	Upper
165 100		
63 46.9	42.2	63.4
89 50.8	44.4	66.6



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: 39.110 ng

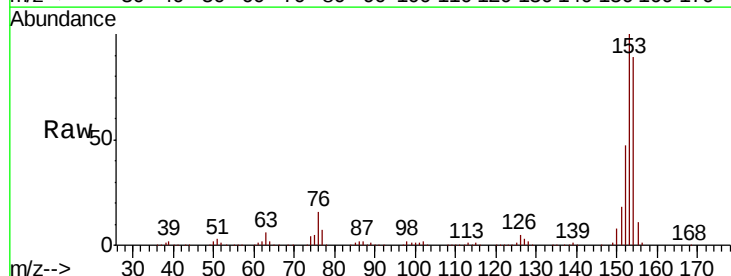
RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

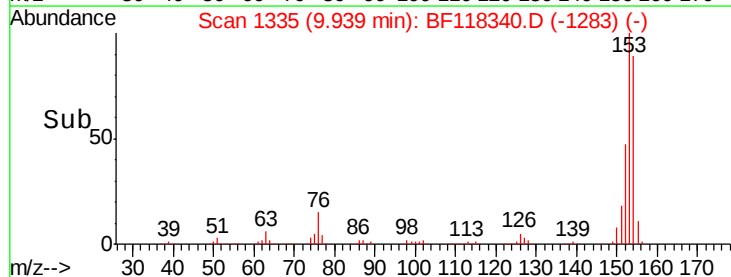
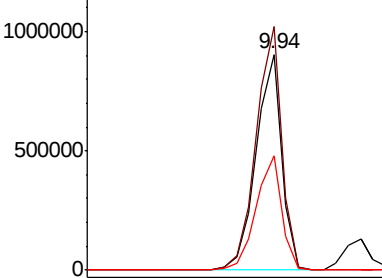
Tgt Ion:154	Resp:	765056
Ion Ratio	Lower	Upper
154 100		
153 113.0	90.6	136.0
152 52.9	43.1	64.7

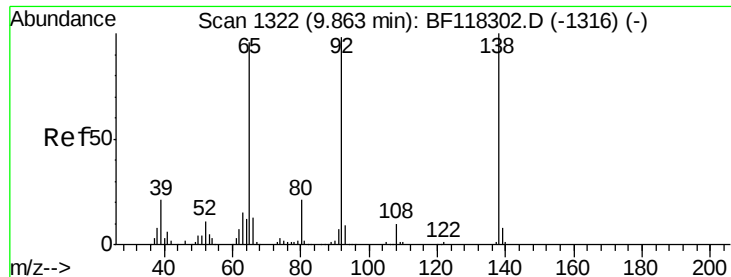


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

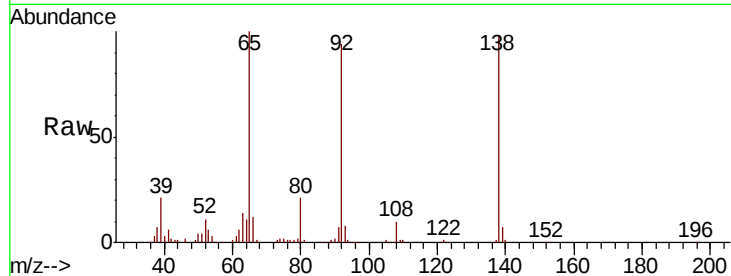




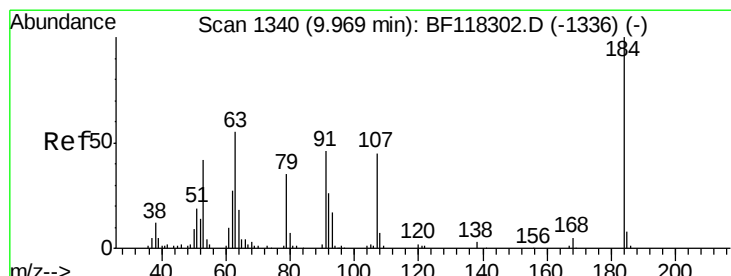
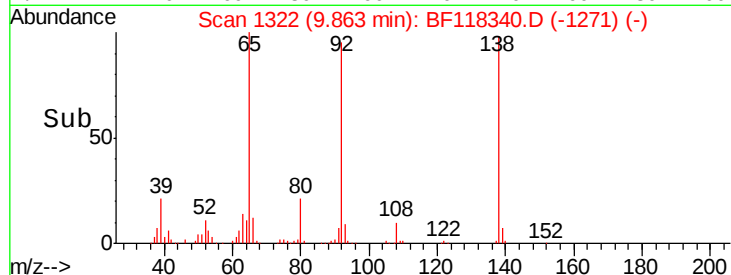
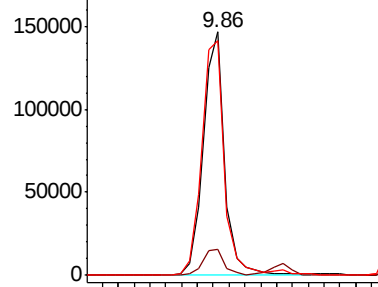
#53
3-Nitroaniline
Concen: 21.136 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 136563
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 96.2 78.2 117.2

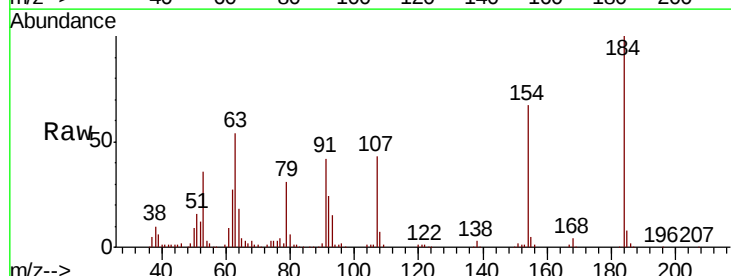


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

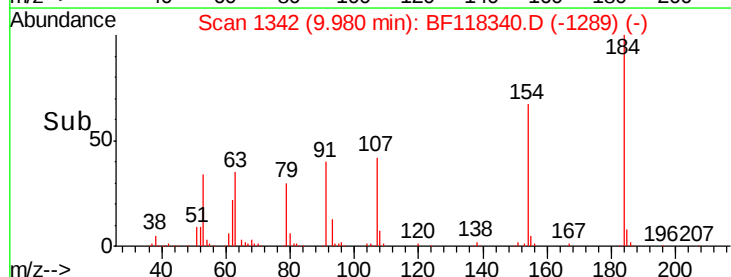
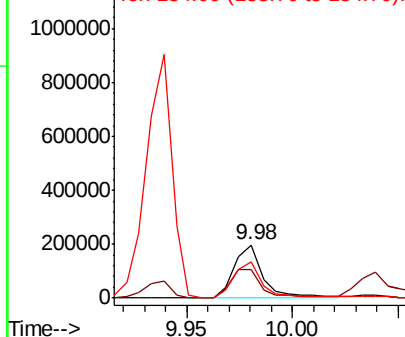


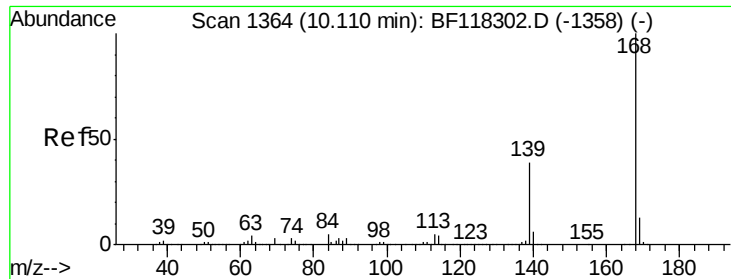
#54
2,4-Dinitrophenol
Concen: 69.256 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:184 Resp: 190161
Ion Ratio Lower Upper
184 100
63 53.6 48.8 73.2
154 67.2 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
1200000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.292 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

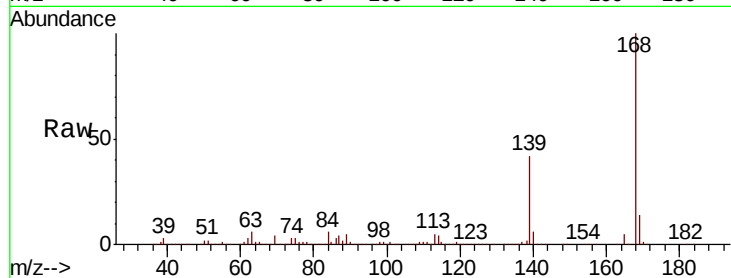
Tot Ion:168 Resp: 1164609

Ion Ratio Lower Upper

168 100

139 41.7 31.5 47.3

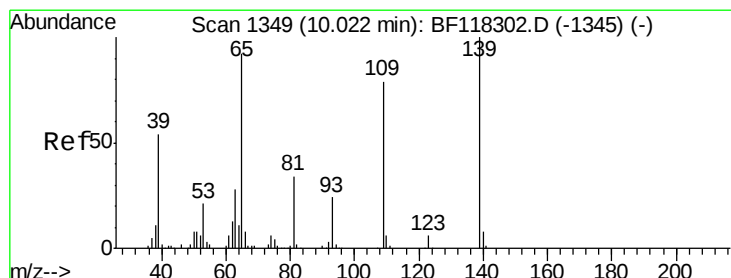
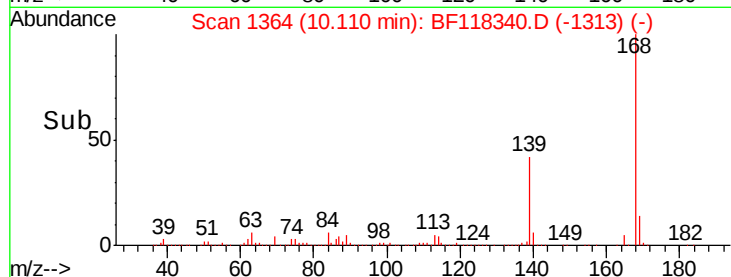
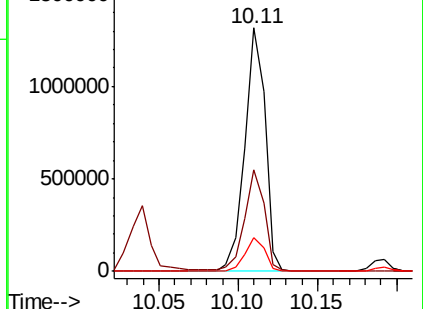
169 14.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.723 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

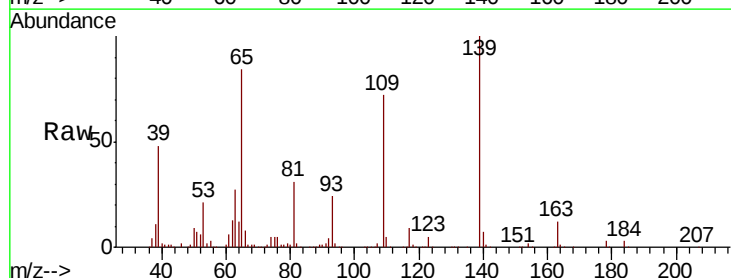
Tgt Ion:139 Resp: 333943

Ion Ratio Lower Upper

139 100

109 71.8 59.3 99.3

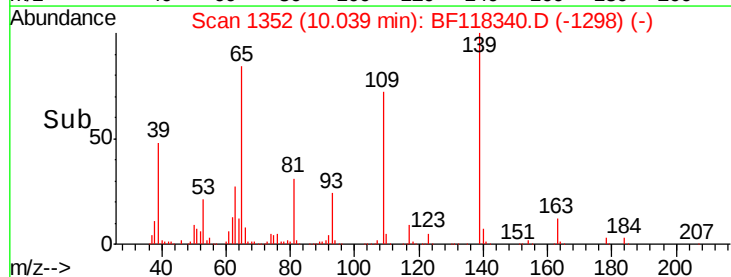
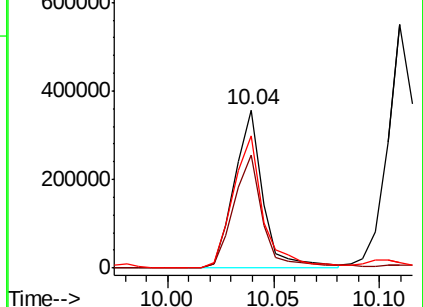
65 84.2 72.4 112.4

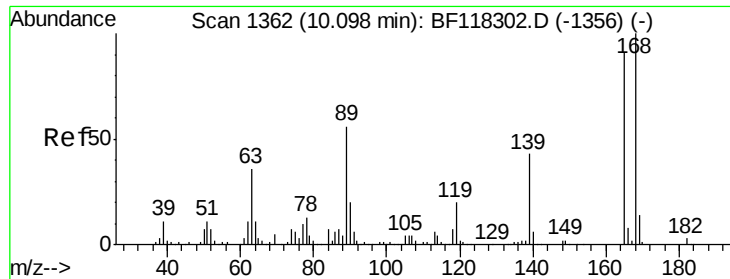


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

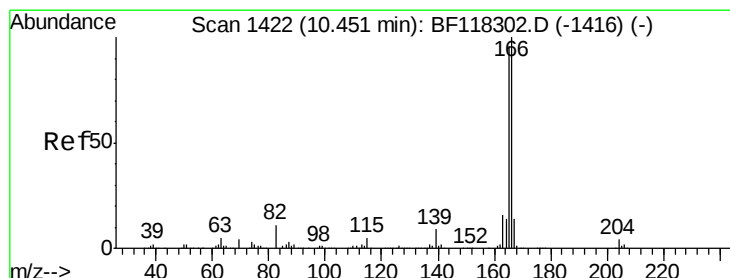
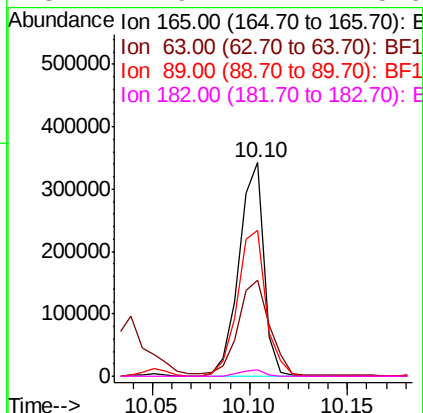
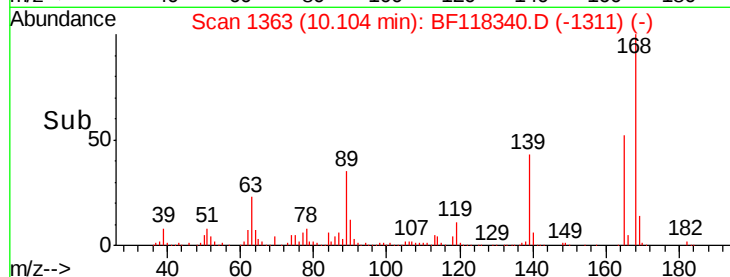
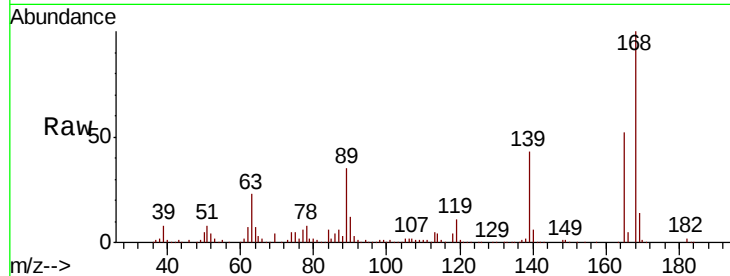




#57
2,4-Dinitrotoluene
Concen: 41.346 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

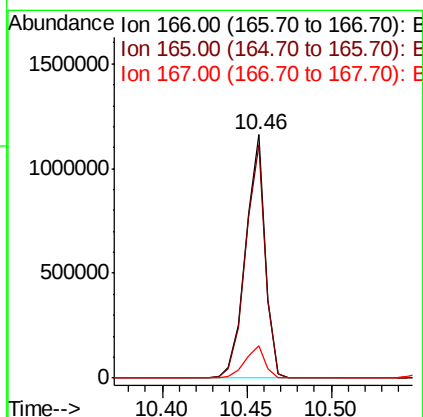
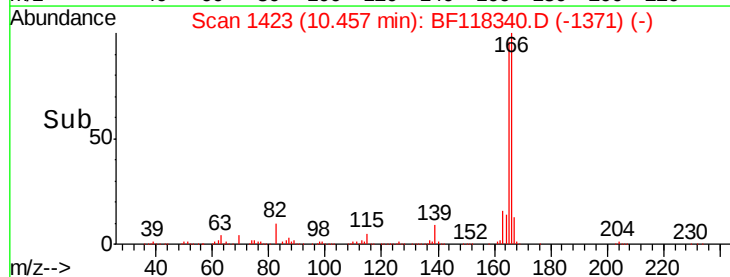
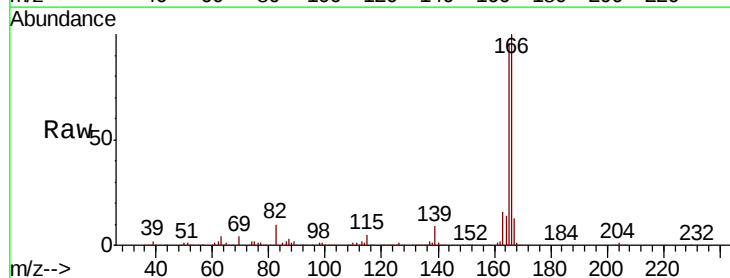
Instrument :
BNA_F
ClientSampleId :

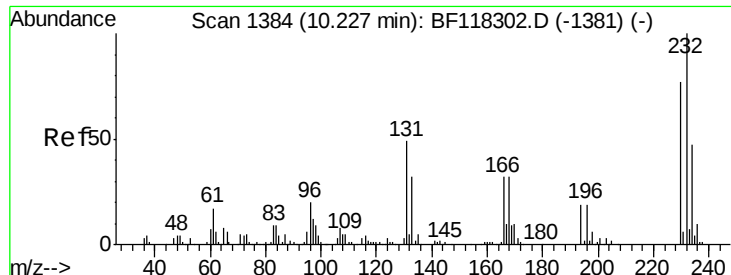
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	32.0	48.0
89	68.3	49.3	73.9
182	2.9	2.4	3.6



#58
Fluorene
Concen: 40.164 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.4
167	13.5	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.870 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 237948

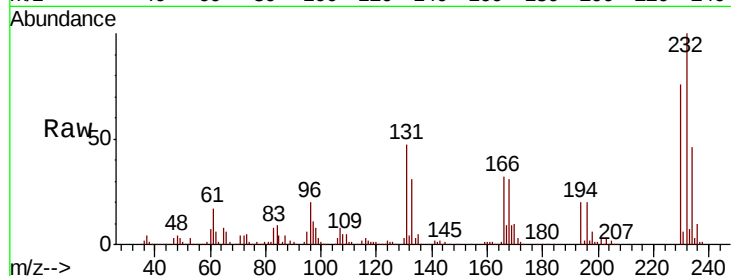
Ion Ratio Lower Upper

232 100

131 48.3 37.7 56.5

130 2.5 2.0 3.0

166 31.5 24.7 37.1

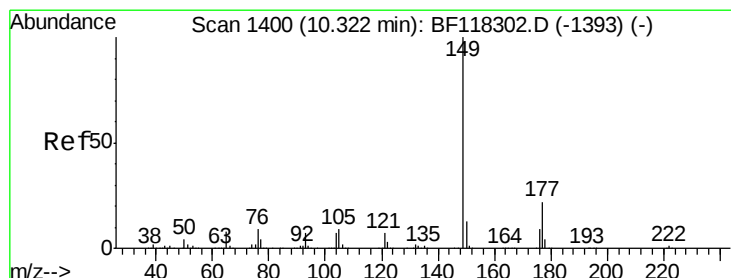
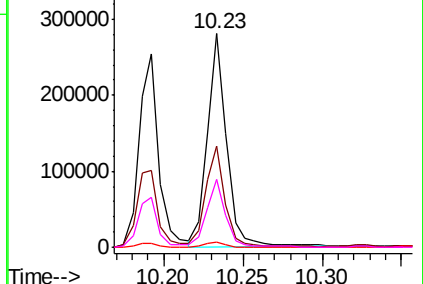
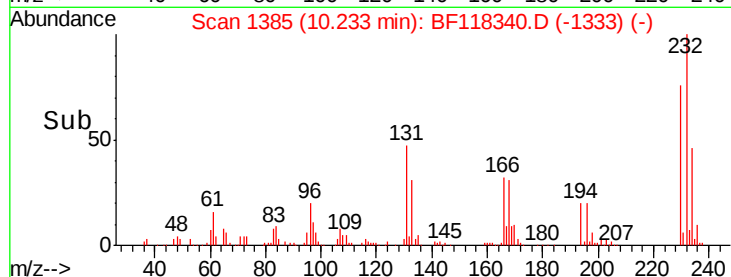


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.041 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

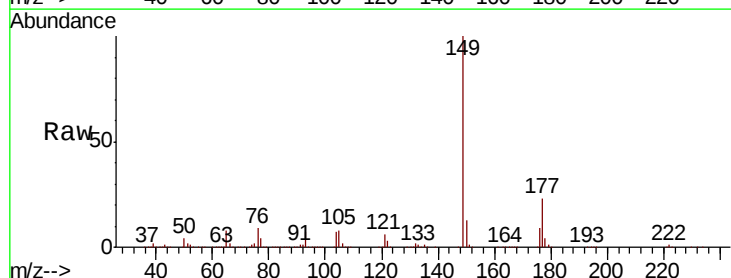
Tgt Ion:149 Resp: 1036725

Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

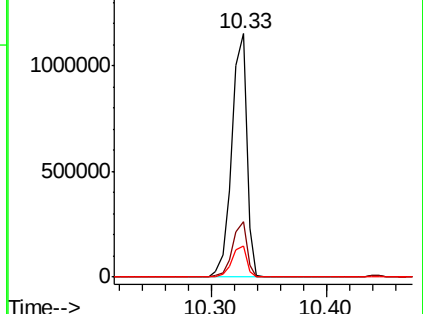
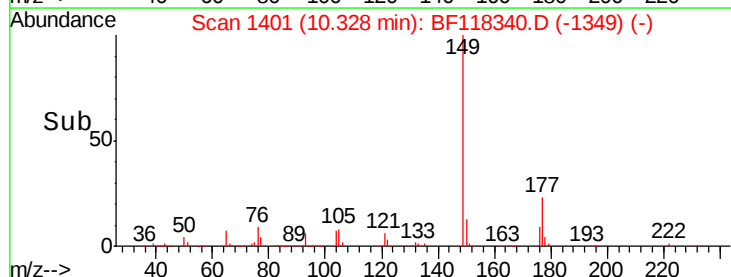
150 12.7 10.2 15.2

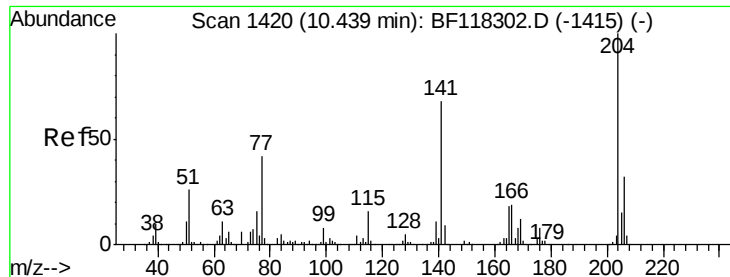


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

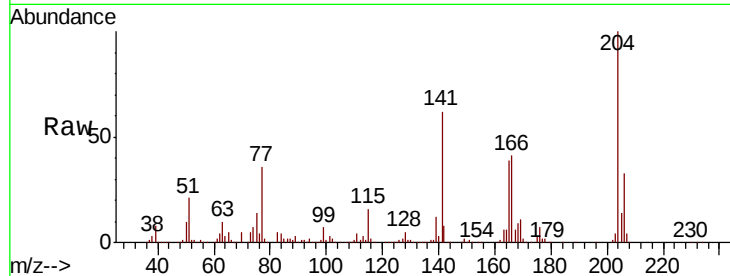




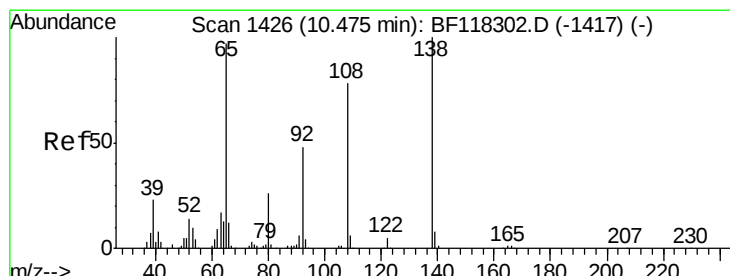
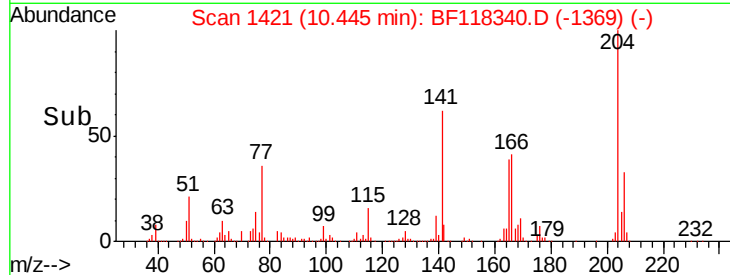
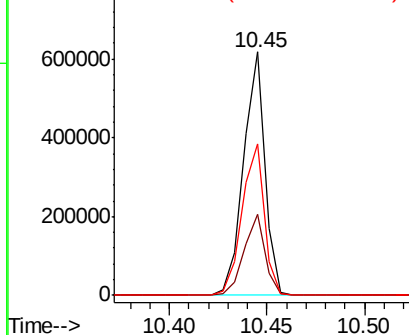
#61
 4-Chlorophenyl-phenylether
 Concen: 40.426 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	470876
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	62.3	54.2	81.4

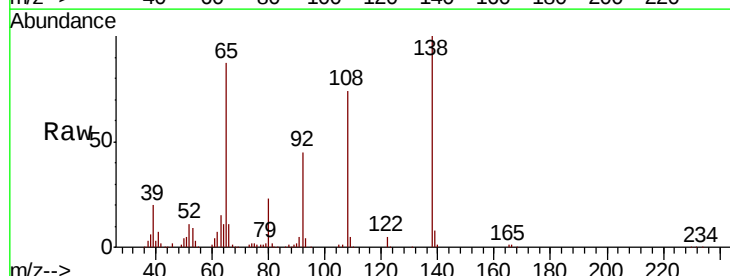


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

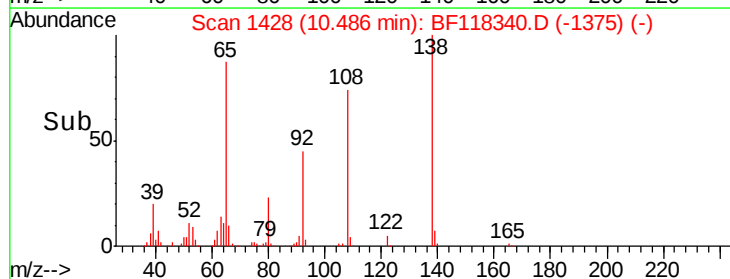
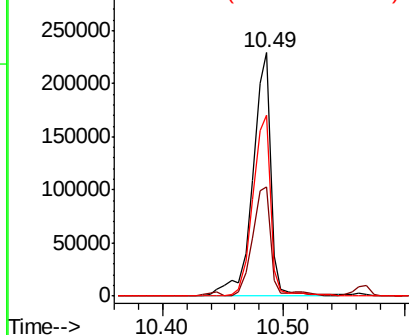


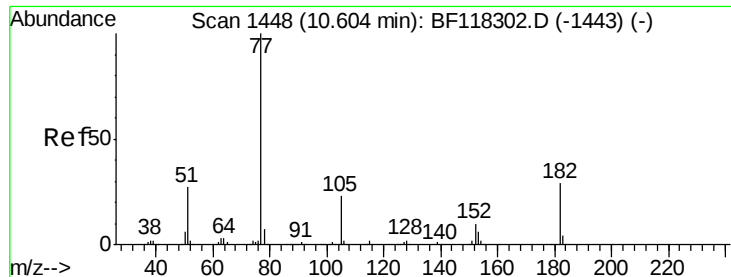
#62
 4-Nitroaniline
 Concen: 36.118 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion:	138	Resp:	242429
Ion	Ratio	Lower	Upper
138	100		
92	44.9	27.9	67.9
108	74.1	58.1	98.1



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





#63

Azobenzene

Concen: 41.323 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 894111

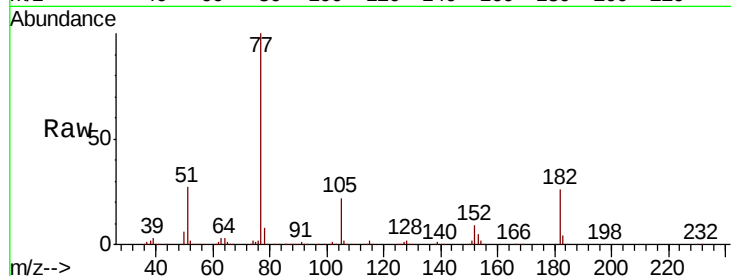
Ion Ratio Lower Upper

77 100

182 25.9 9.2 49.2

105 22.2 3.2 43.2

51 27.3 7.1 47.1

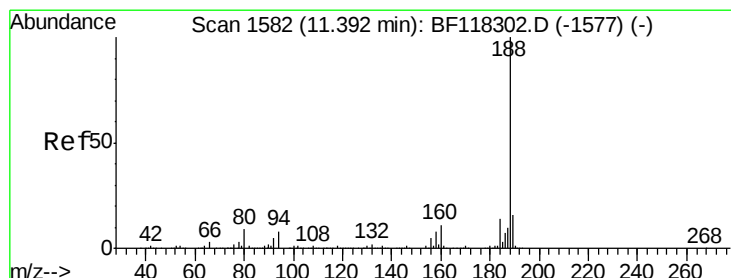
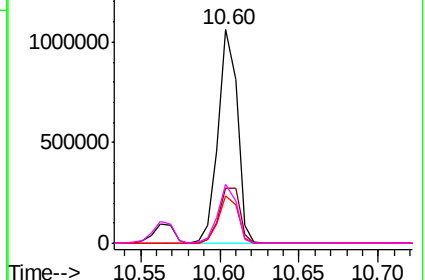
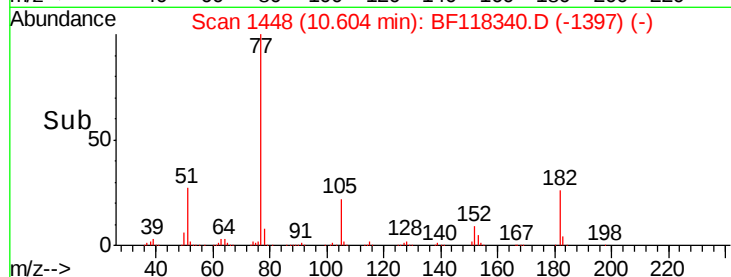


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

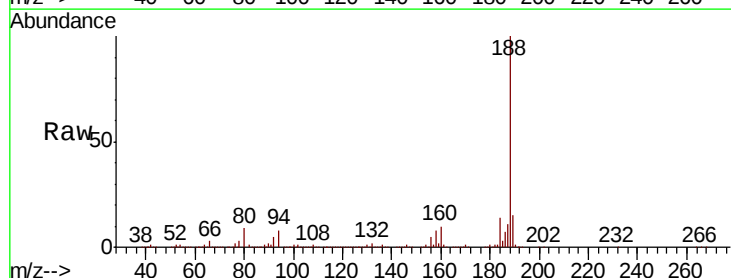
Tgt Ion: 188 Resp: 651709

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

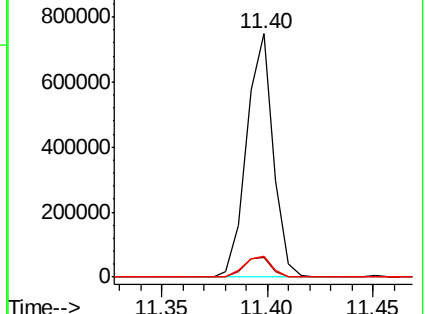
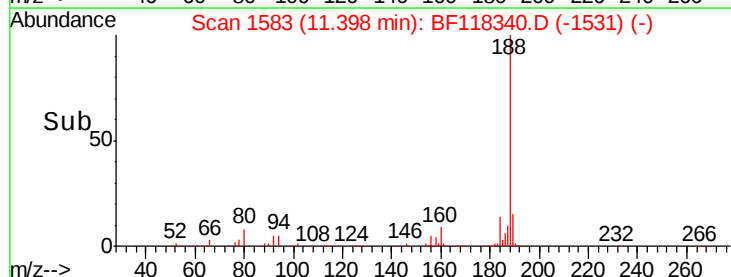
80 8.8 7.2 10.8

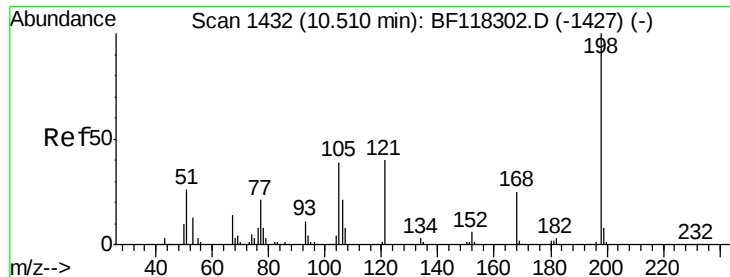


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

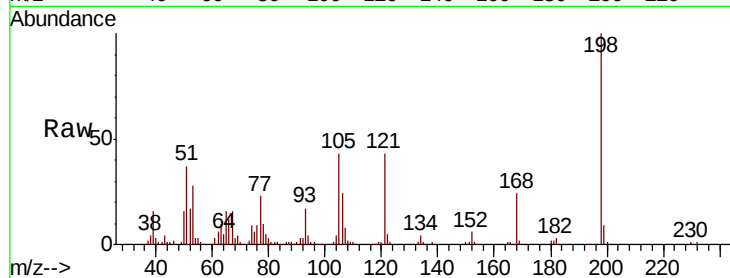




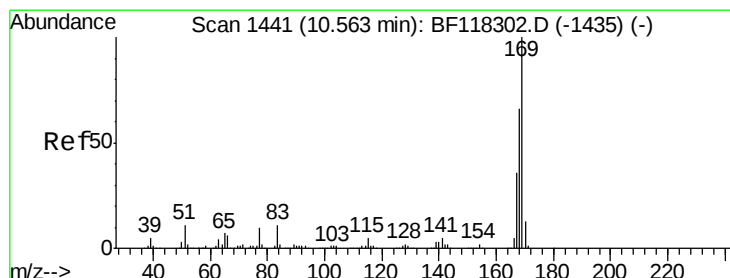
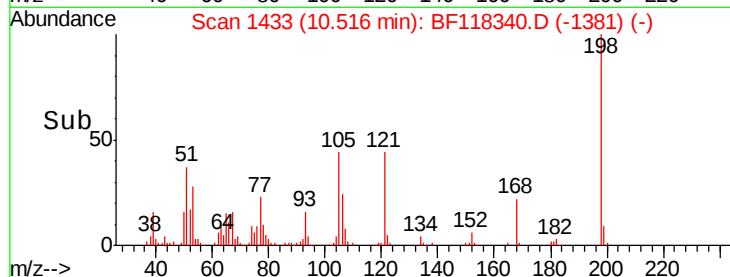
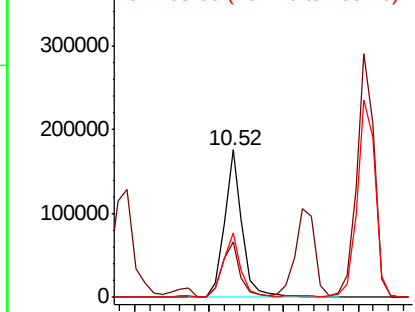
#65
4,6-Dinitro-2-methylphenol
Concen: 42.227 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 148458
Ion Ratio Lower Upper
198 100
51 37.3 12.8 52.8
105 43.5 20.3 60.3

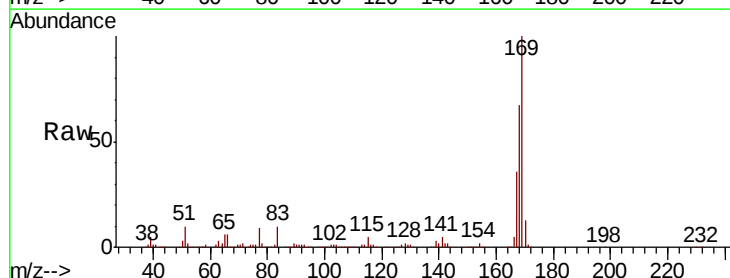


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

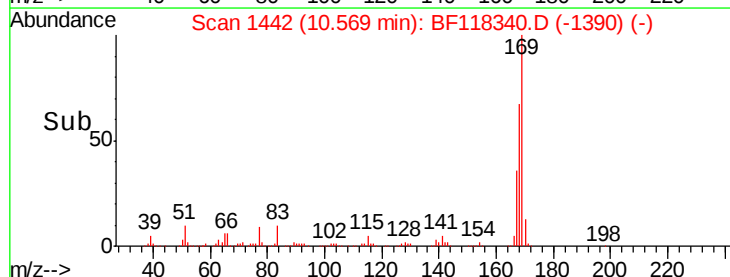
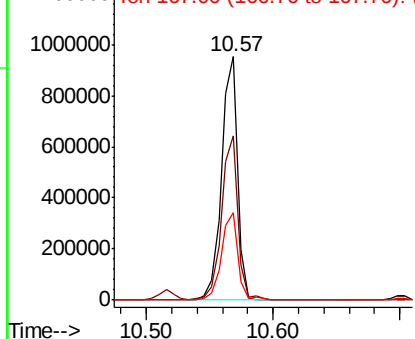


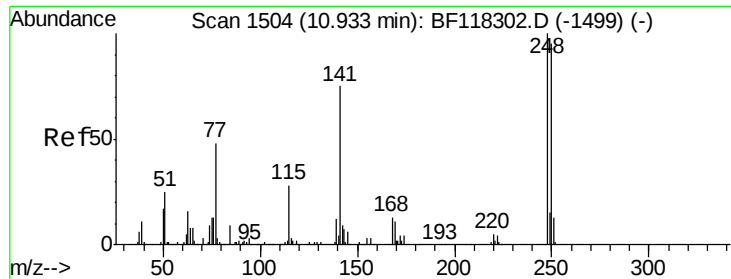
#66
n-Nitrosodiphenylamine
Concen: 40.255 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:169 Resp: 840821
Ion Ratio Lower Upper
169 100
168 67.3 52.6 79.0
167 36.0 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

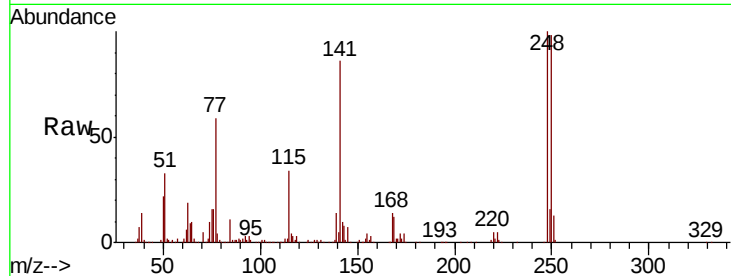




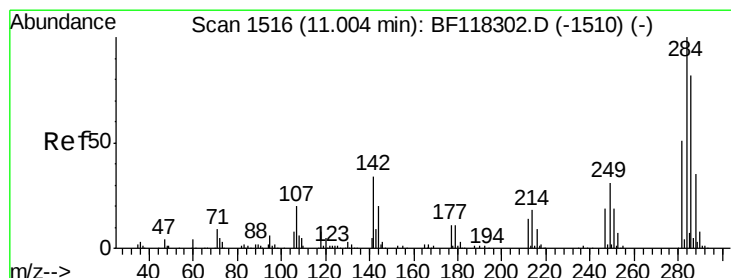
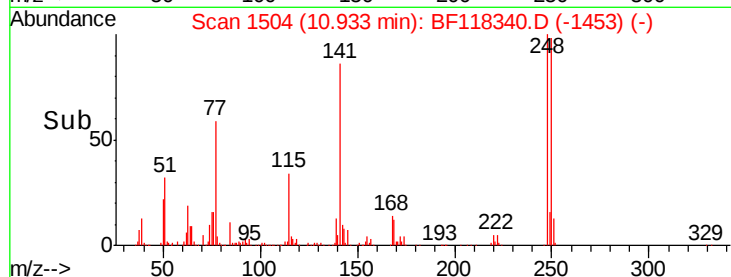
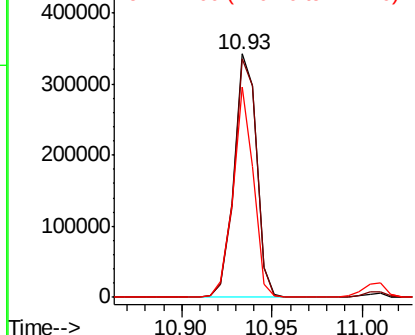
#67
4-Bromophenyl-phenylether
Concen: 39.025 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 297636
Ion Ratio Lower Upper
248 100
250 97.8 76.4 114.6
141 86.4 60.2 90.2

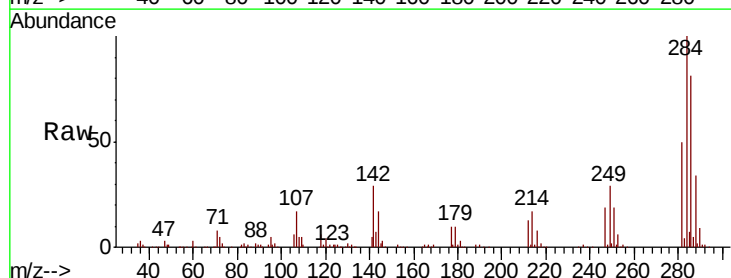


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

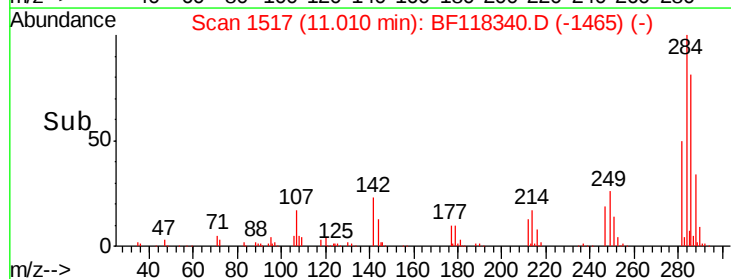
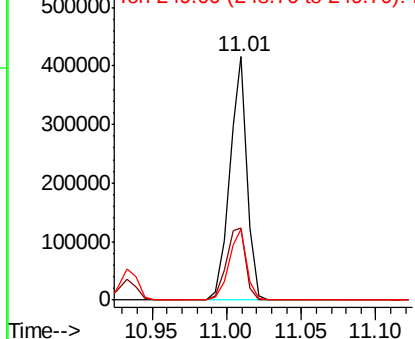


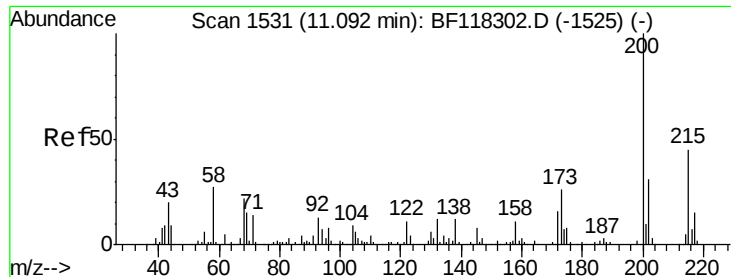
#68
Hexachlorobenzene
Concen: 37.992 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:284 Resp: 341074
Ion Ratio Lower Upper
284 100
142 29.4 27.3 40.9
249 29.2 25.0 37.6



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

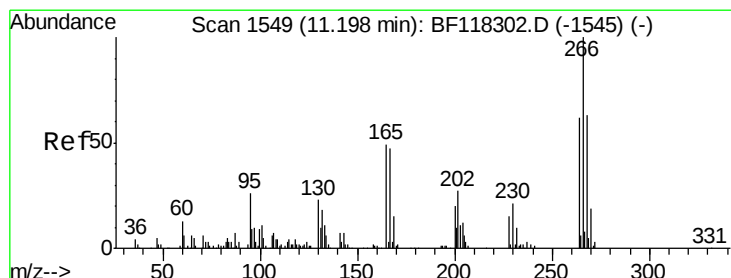
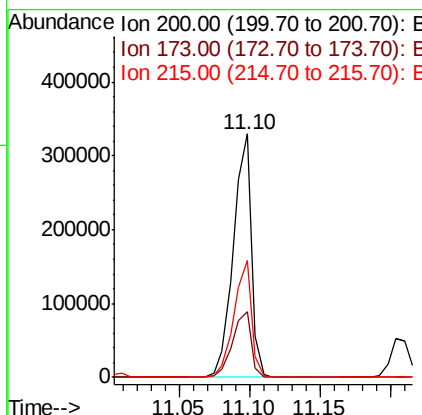
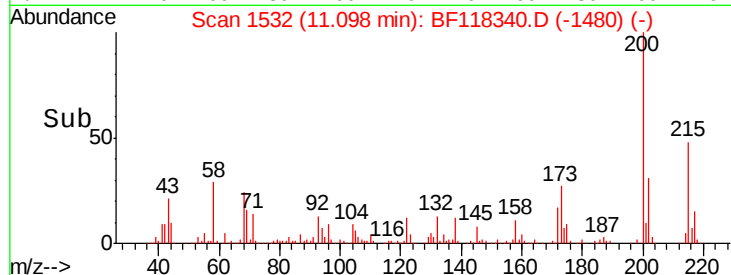
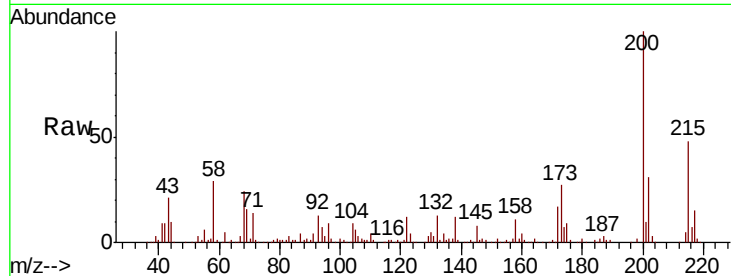




#69
Atrazine
Concen: 45.613 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

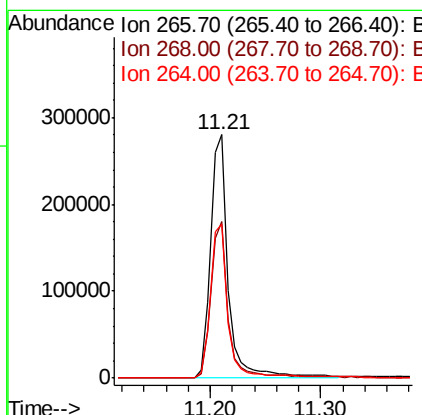
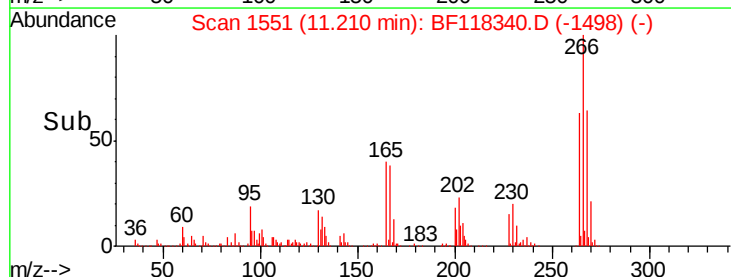
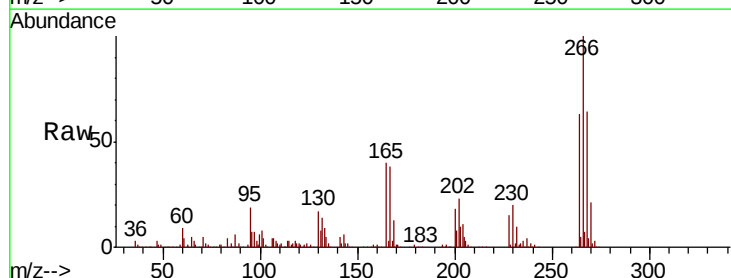
Instrument :
BNA_F
ClientSampled :

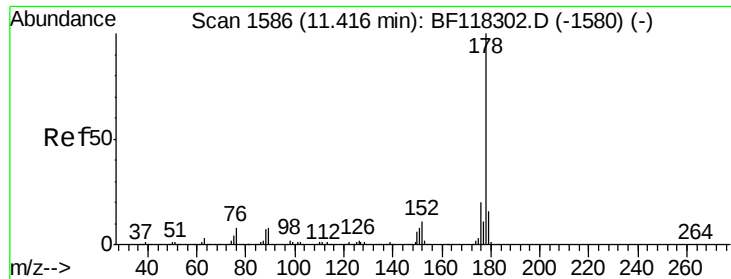
Tot Ion:200 Resp: 294040
Ion Ratio Lower Upper
200 100
173 27.2 5.8 45.8
215 48.1 25.1 65.1



#70
Pentachlorophenol
Concen: 78.726 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:266 Resp: 306085
Ion Ratio Lower Upper
266 100
268 64.1 50.6 76.0
264 63.2 49.9 74.9

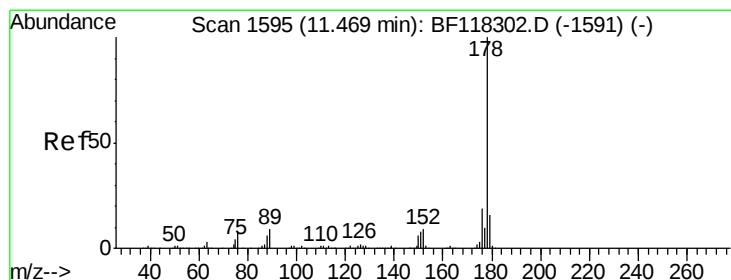
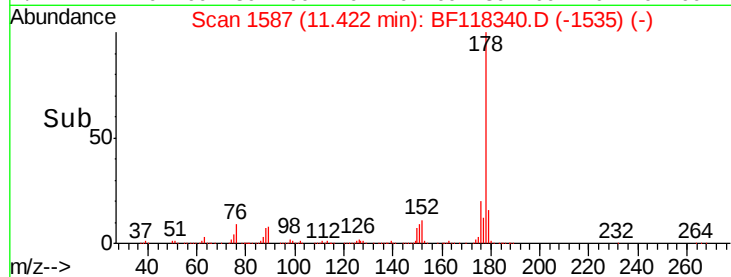
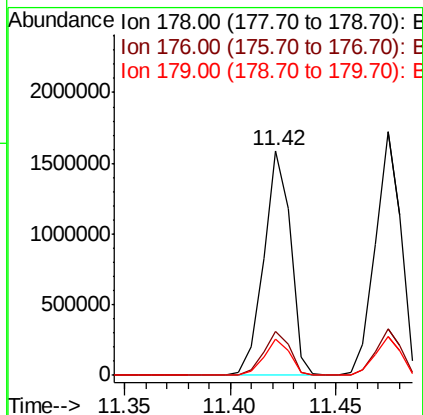
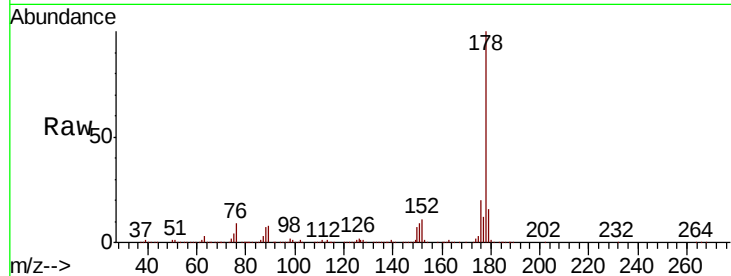




#71
Phenanthrene
Concen: 39.518 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

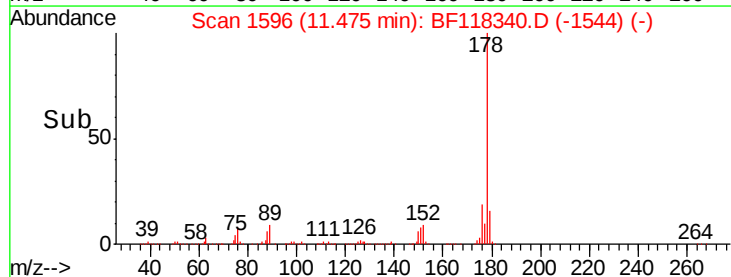
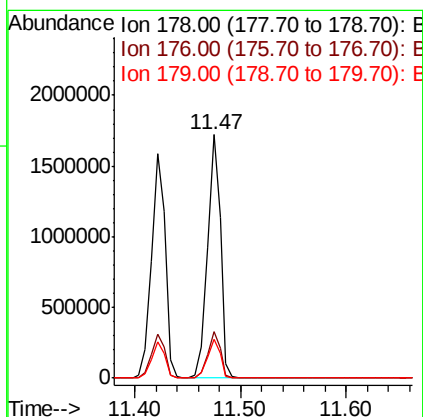
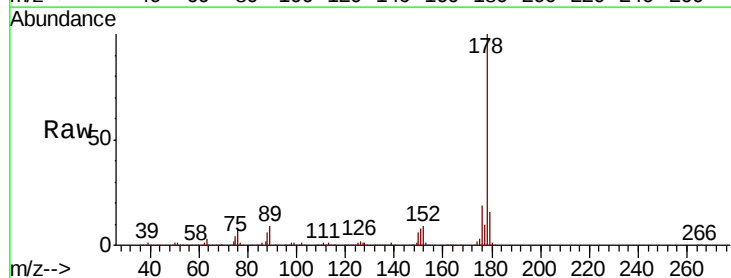
Instrument :
BNA_F
ClientSampleId :

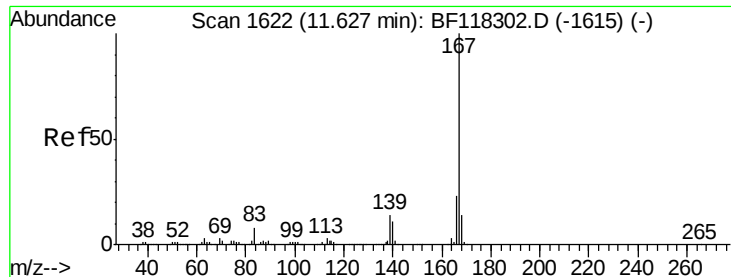
Tot Ion:178 Resp: 1403978
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.1 12.6 19.0



#72
Anthracene
Concen: 41.415 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:178 Resp: 1472761
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.9 12.9 19.3

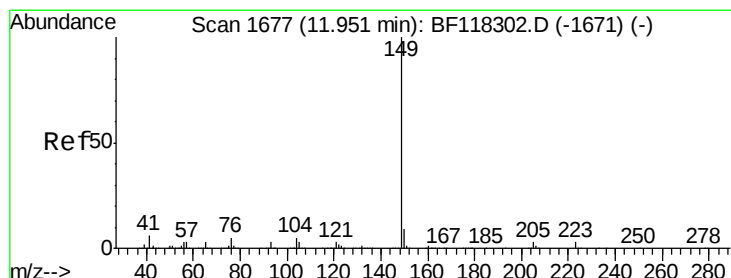
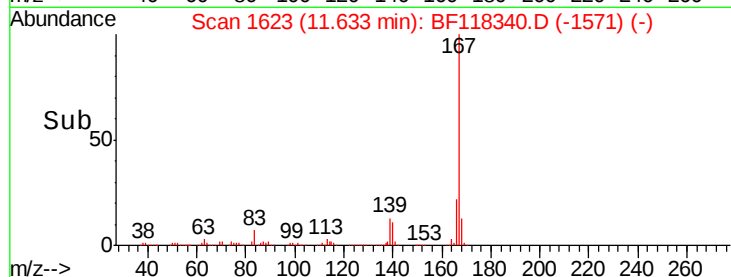
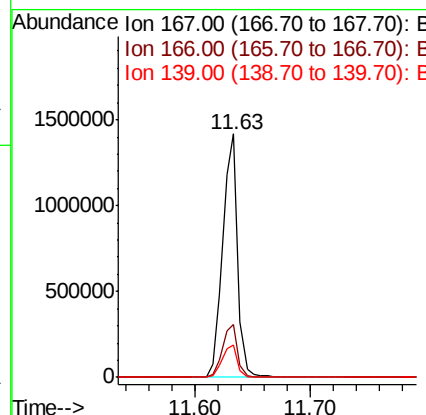
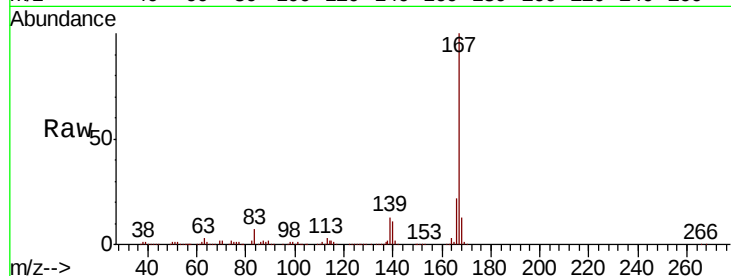




#73
 Carbazole
 Concen: 40.161 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

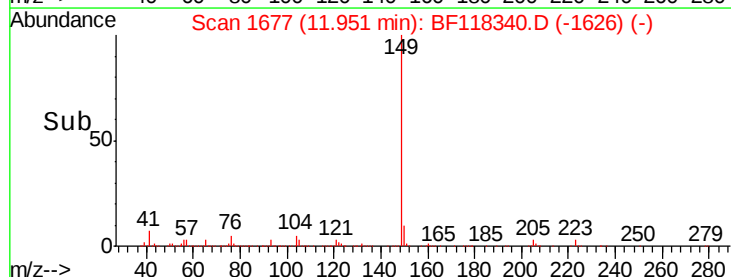
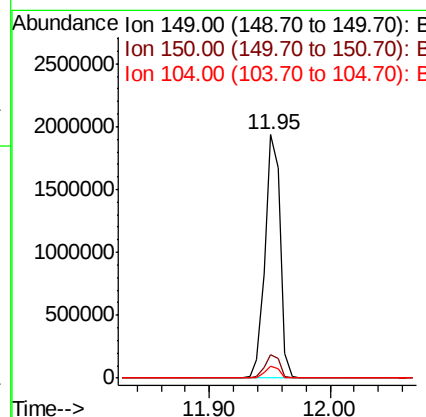
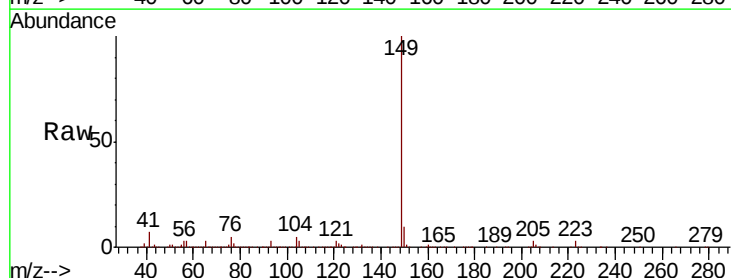
Instrument :
 BNA_F
 ClientSampleId :

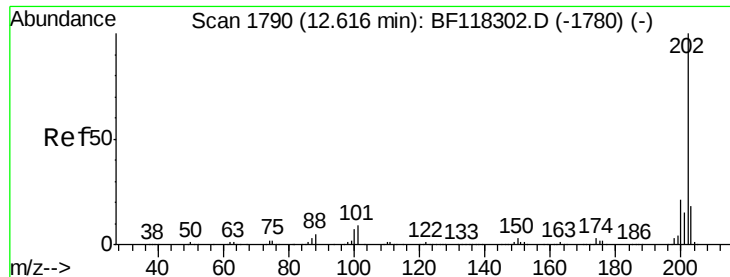
Tot Ion:167 Resp: 1267265
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.5 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 42.523 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion:149 Resp: 1701362
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.1 4.0 6.0

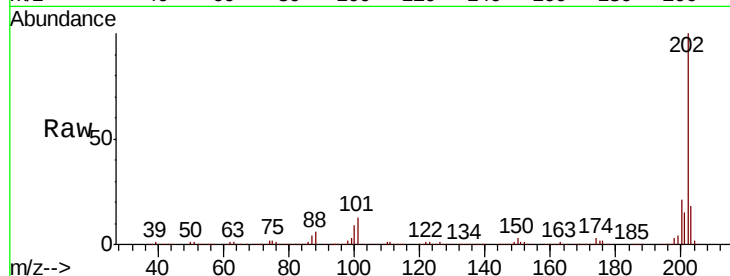




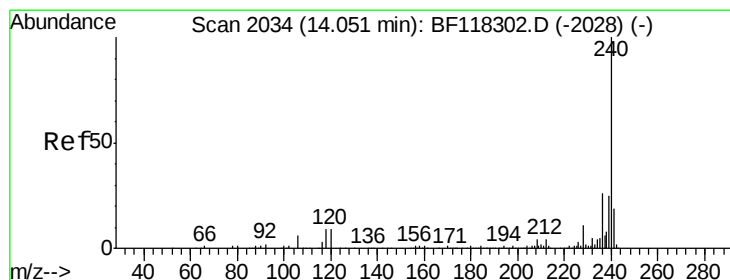
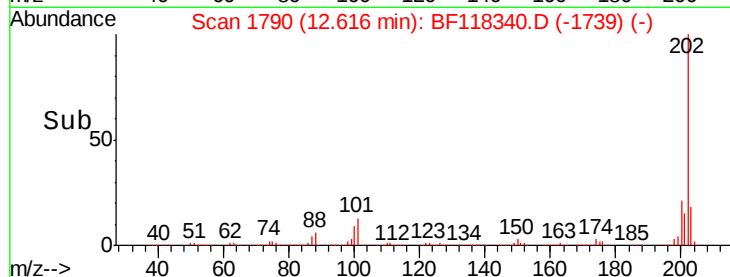
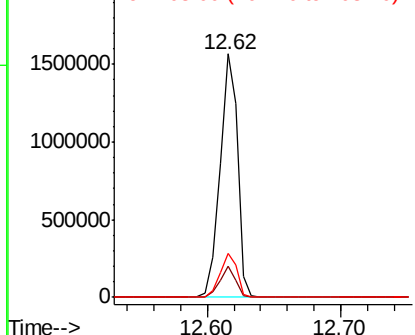
#75
 Fluoranthene
 Concen: 40.695 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1459132
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 29.5
 203 18.0 0.0 37.6

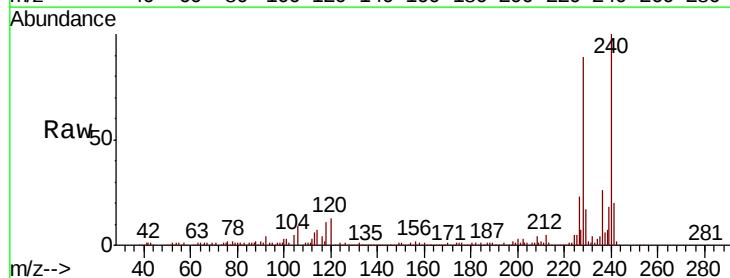


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

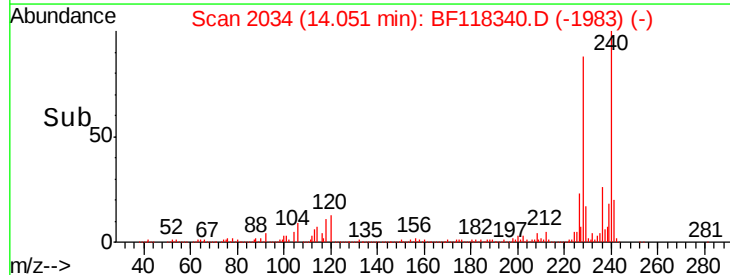
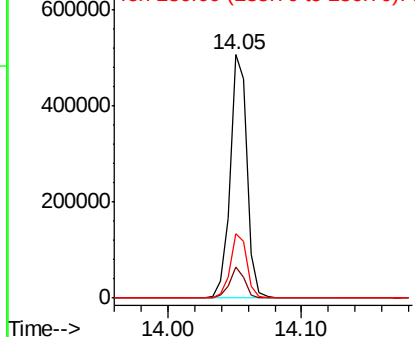


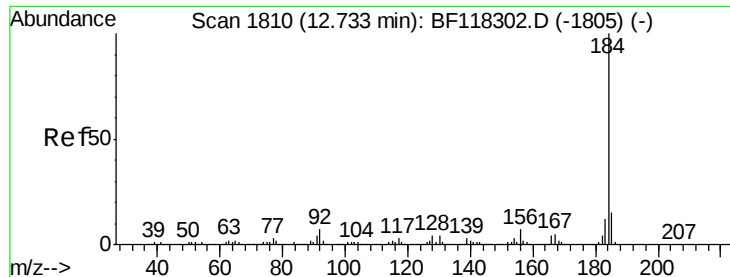
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118340.D
 Acq: 27 Dec 2019 16:17

Tgt Ion:240 Resp: 452276
 Ion Ratio Lower Upper
 240 100
 120 12.9 7.1 10.7#
 236 26.5 21.0 31.6



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





#77

Benzidine

Concen: 69.314 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

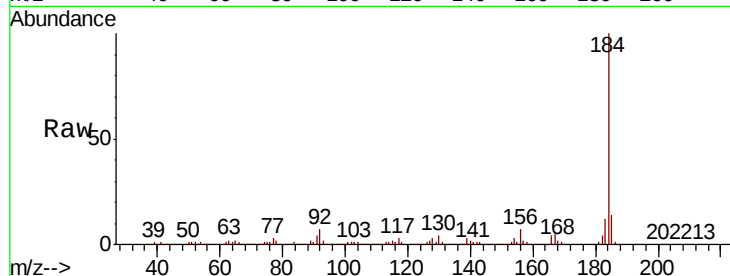
Tot Ion:184 Resp: 858987

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.3	18.5
183	11.9	9.4	14.2

184 100

185 14.3 12.3 18.5

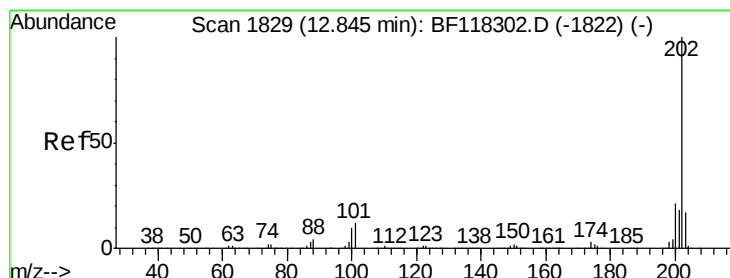
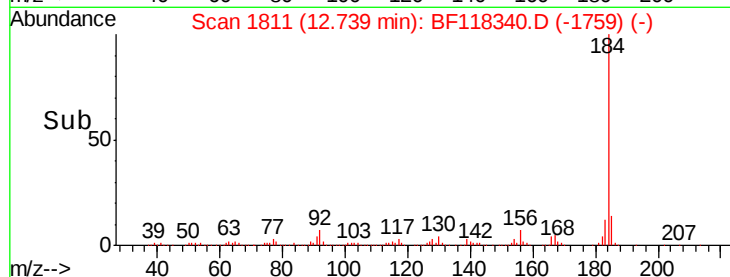
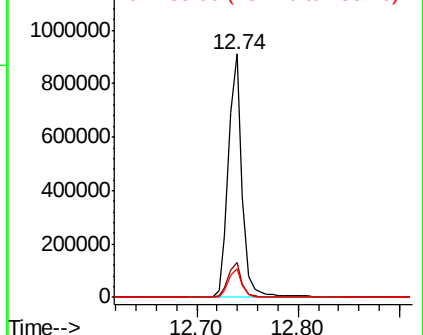
183 11.9 9.4 14.2



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: 39.358 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

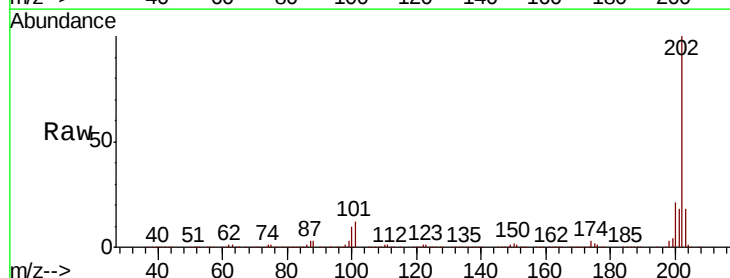
Tgt Ion:202 Resp: 1453611

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.7	13.9	20.9

202 100

200 21.4 16.8 25.2

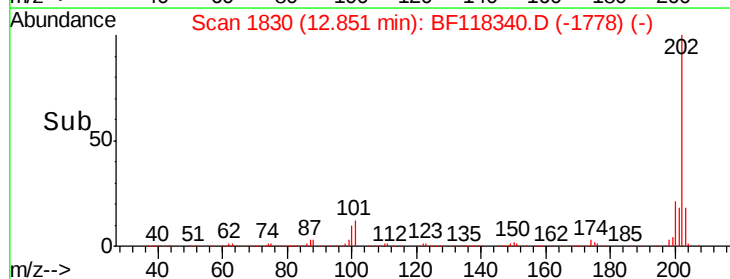
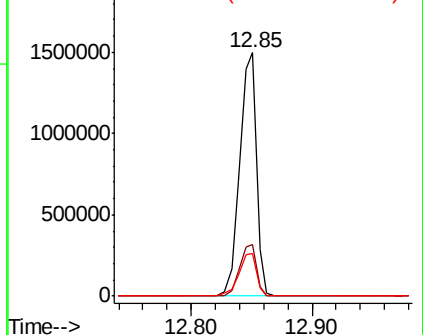
203 17.7 13.9 20.9

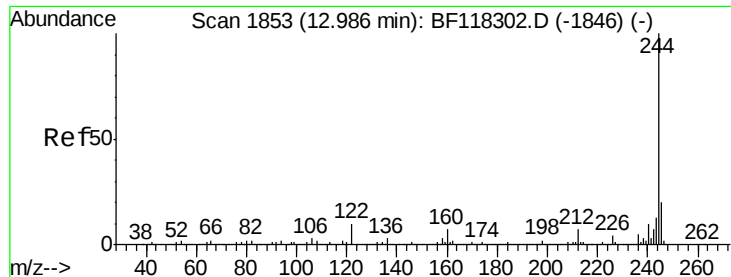


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.603 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampleId :

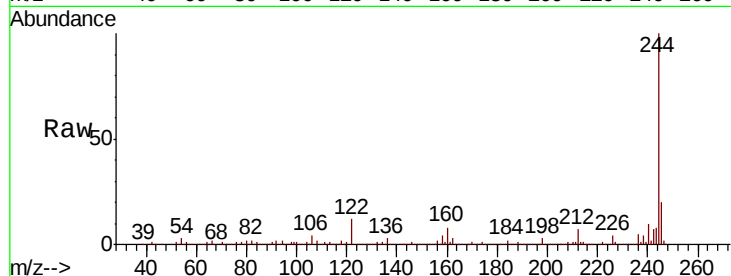
Tot Ion:244 Resp: 2251886

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

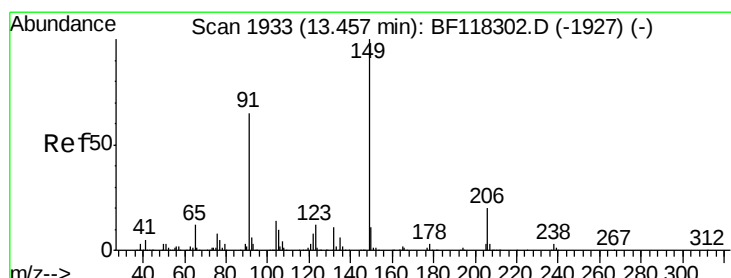
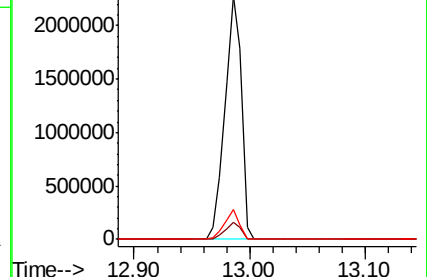
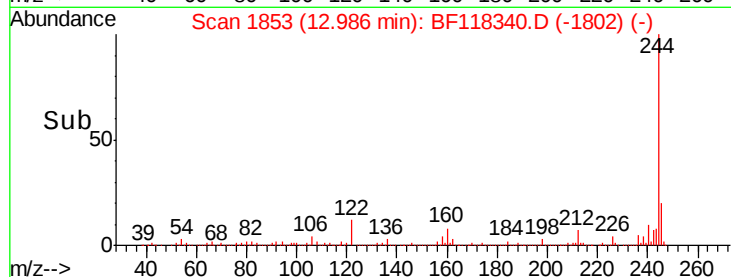
122 12.1 7.8 11.8#



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: 42.855 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

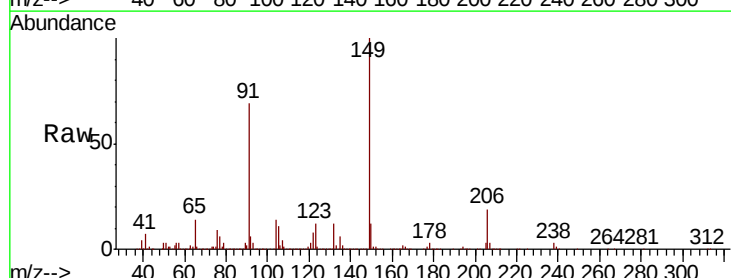
Tgt Ion:149 Resp: 712655

Ion Ratio Lower Upper

149 100

91 69.2 51.8 77.6

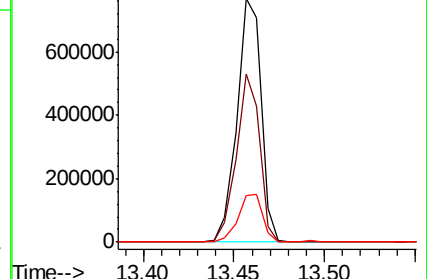
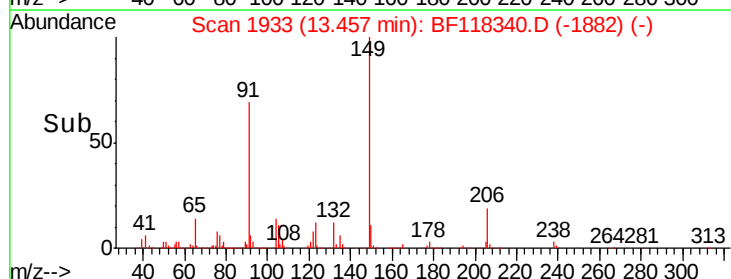
206 19.0 15.7 23.5

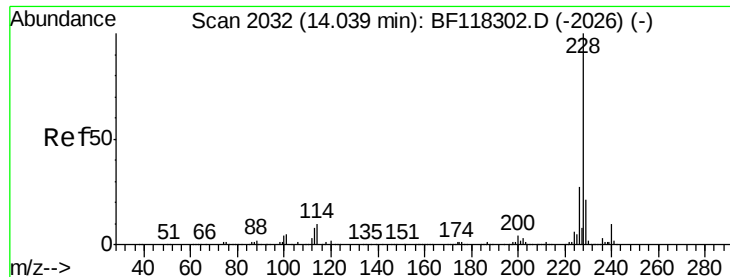


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

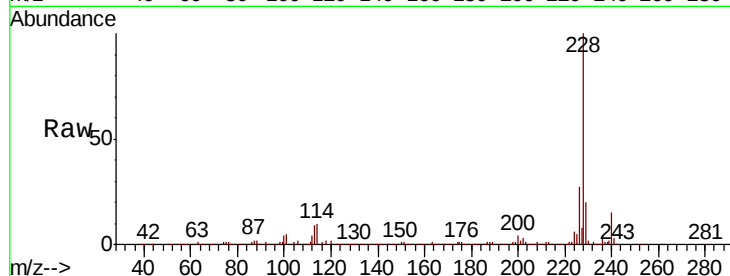




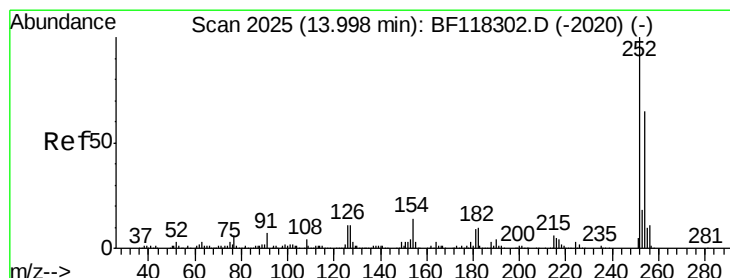
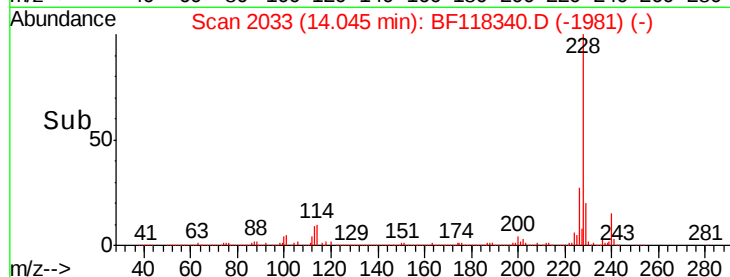
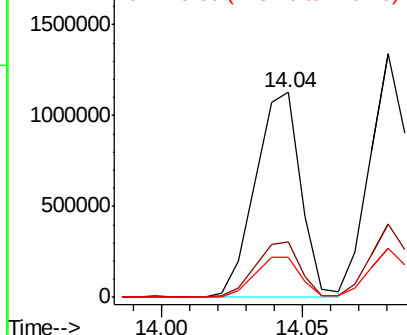
#81
Benzo(a)anthracene
Concen: 39.784 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1259472
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.7 16.6 24.8

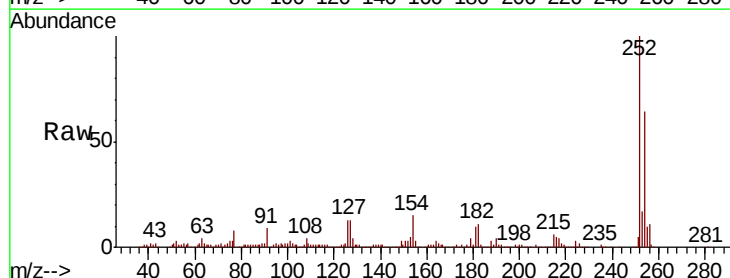


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

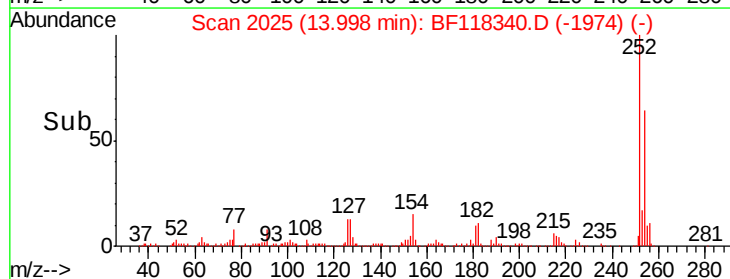
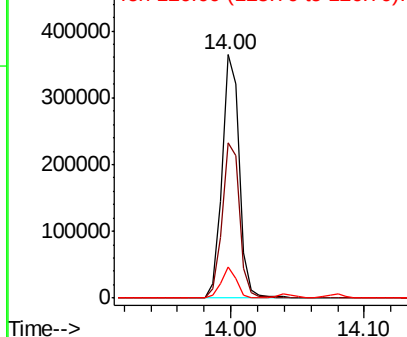


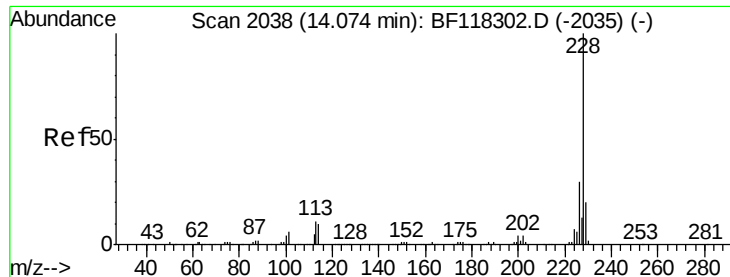
#82
3,3'-Dichlorobenzidine
Concen: 31.160 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:252 Resp: 334465
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.8
126 12.7 8.7 13.1



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





#83

Chrysene

Concen: 39.580 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

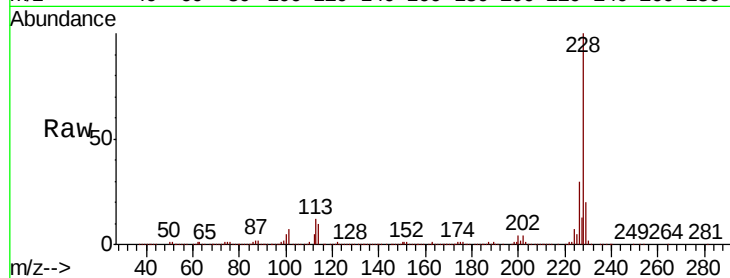
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1199810

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.0	16.1	24.1

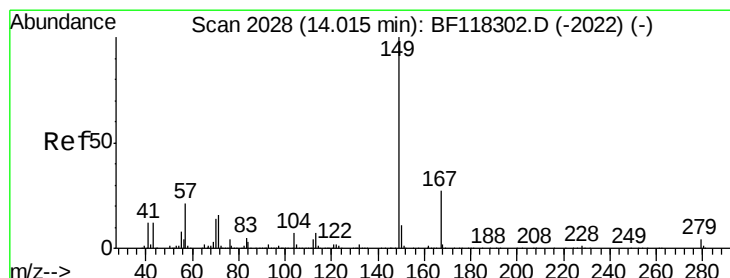
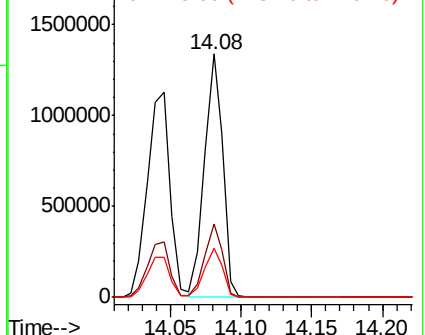
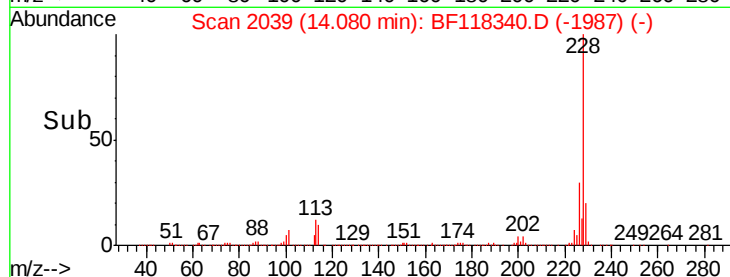


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.915 ng

RT: 14.02 min Scan# 2028

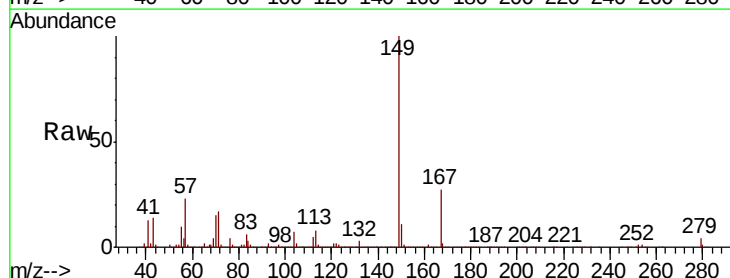
Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Tgt Ion:149 Resp: 1047734

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.9	3.4	5.2

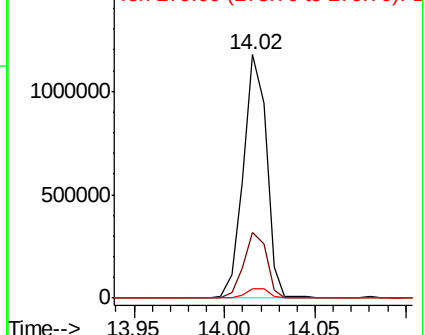
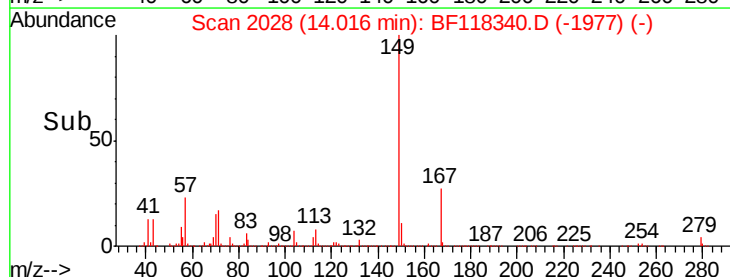


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.467 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

Instrument :

BNA_F

ClientSampled :

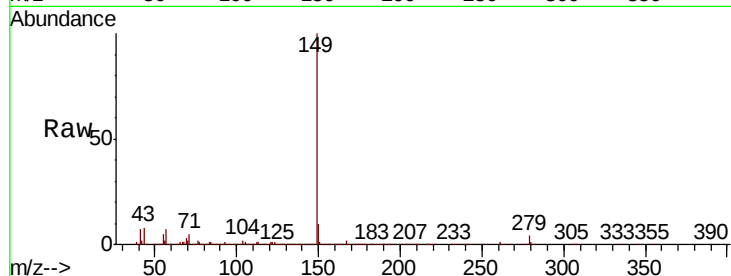
Tot Ion:149 Resp: 1655431

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

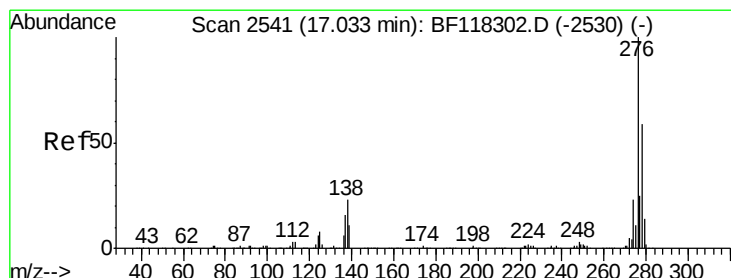
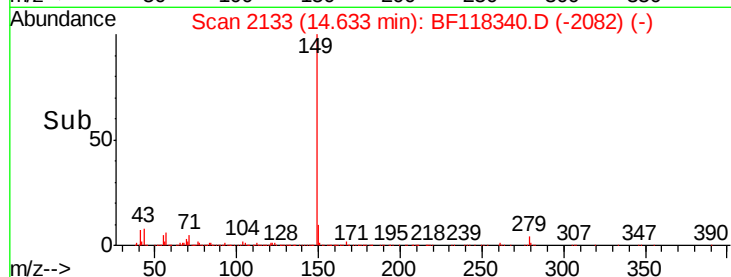
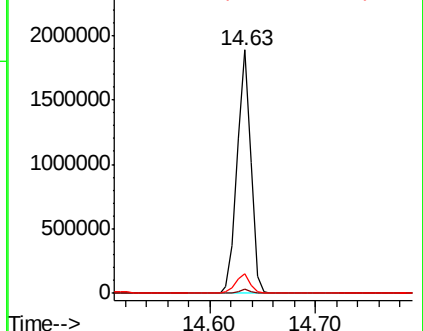
43 7.8 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.911 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118340.D

Acq: 27 Dec 2019 16:17

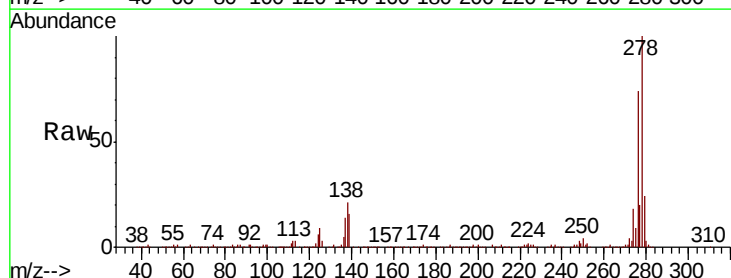
Tgt Ion:276 Resp: 1211661

Ion Ratio Lower Upper

276 100

138 24.8 19.5 29.3

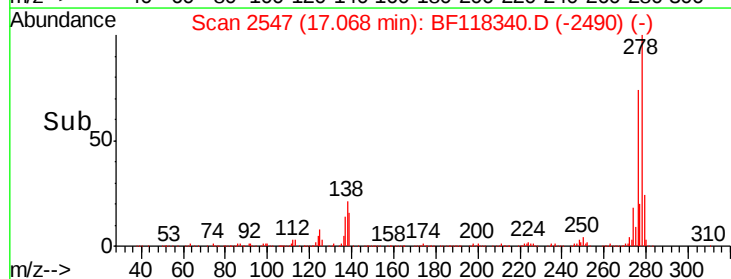
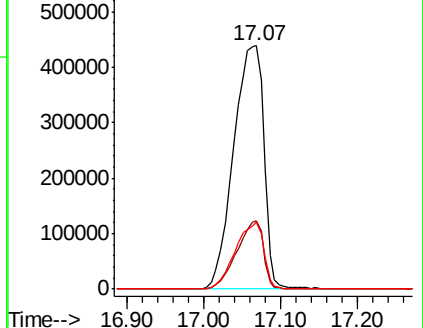
277 25.8 20.6 30.8

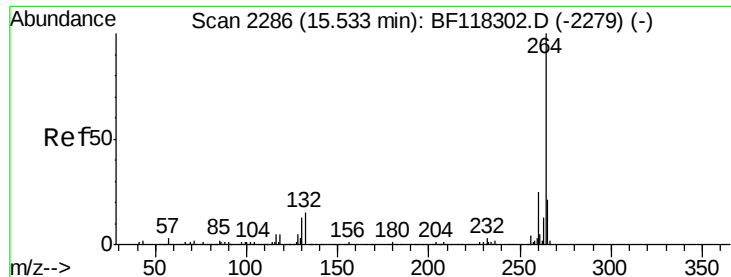


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

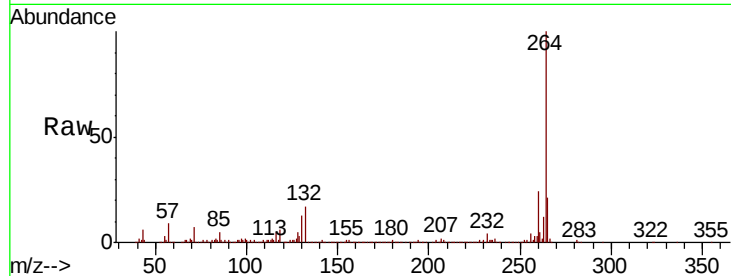




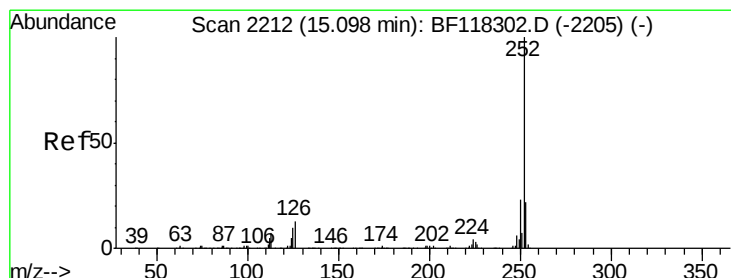
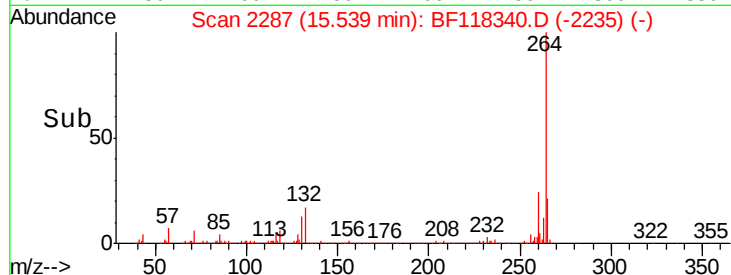
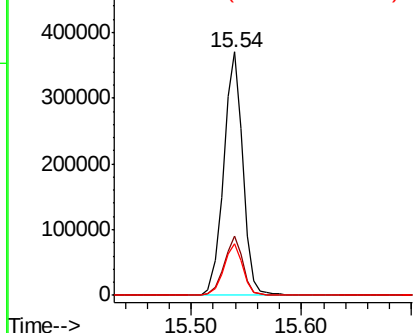
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 449463
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 21.4 17.0 25.4

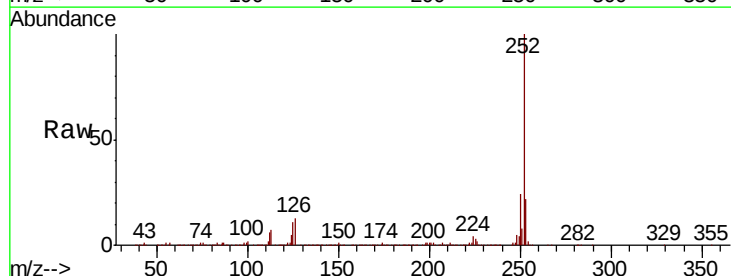


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

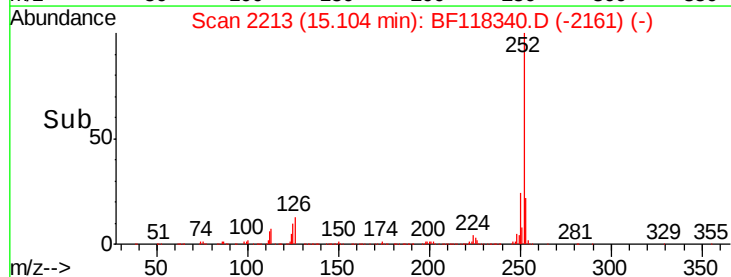
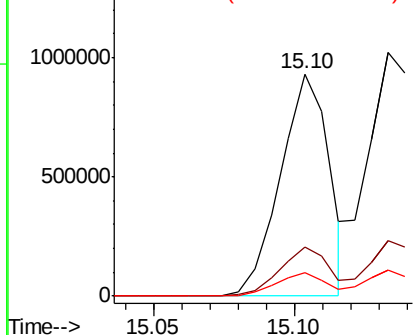


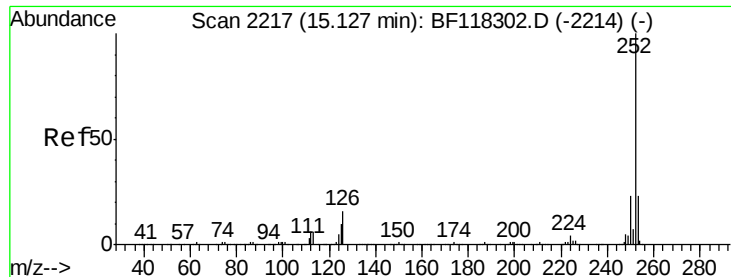
#88
Benzo(b)fluoranthene
Concen: 37.346 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:252 Resp: 1114227
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.6 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

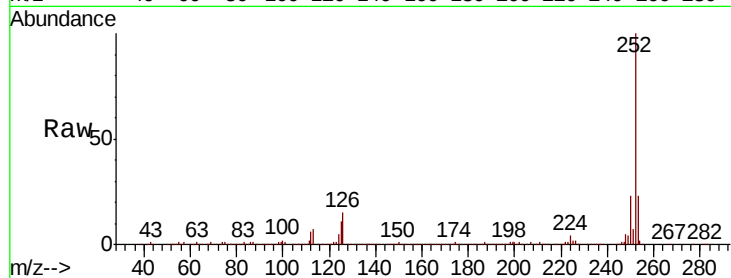




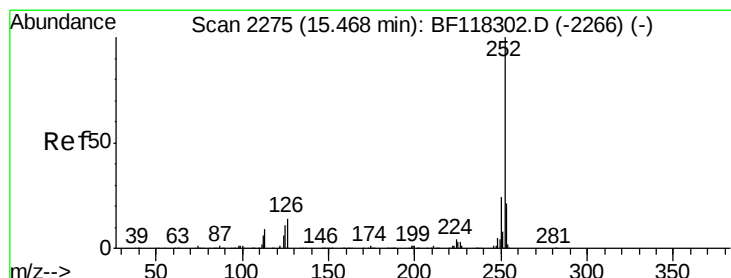
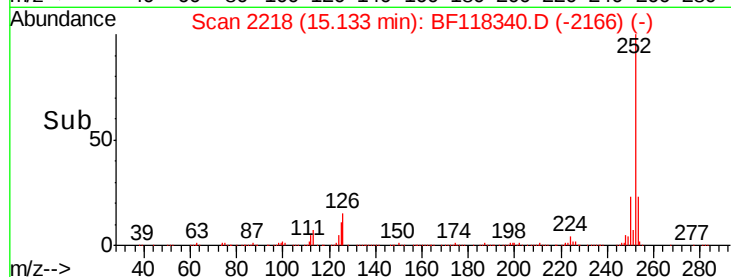
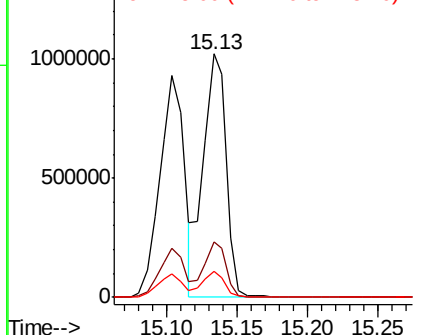
#89
Benzo(k)fluoranthene
Concen: 39.799 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1140120
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.9 8.0 12.0

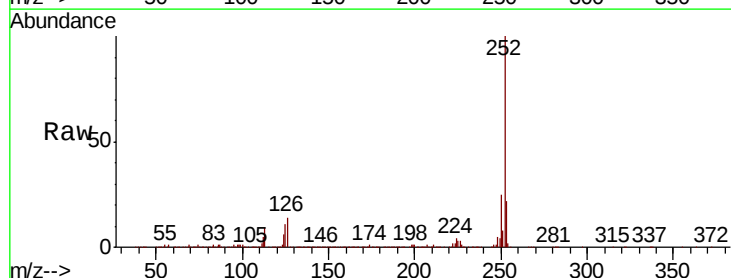


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

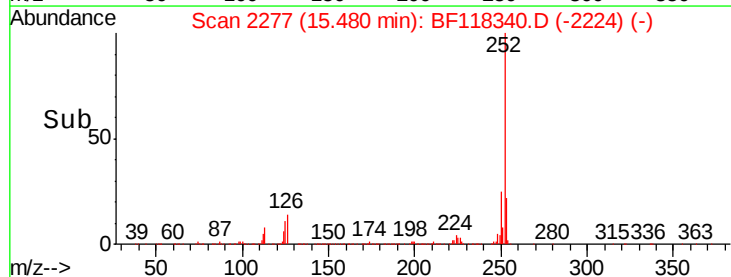
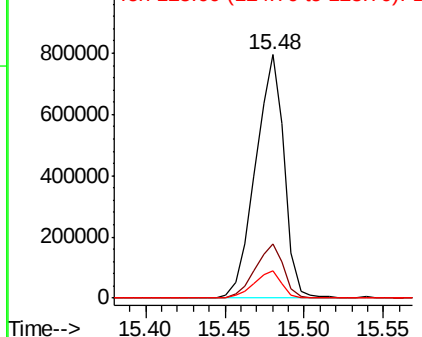


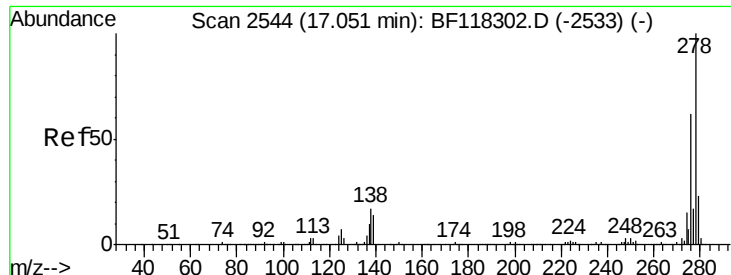
#90
Benzo(a)pyrene
Concen: 37.984 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:252 Resp: 998324
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.5 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

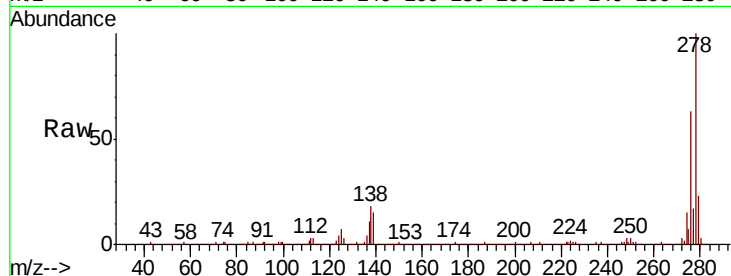




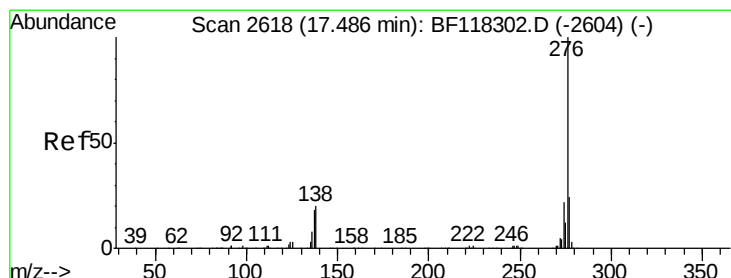
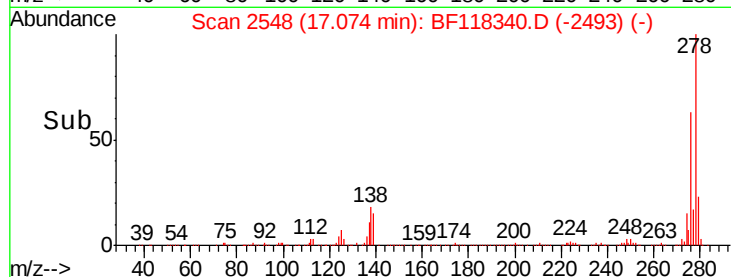
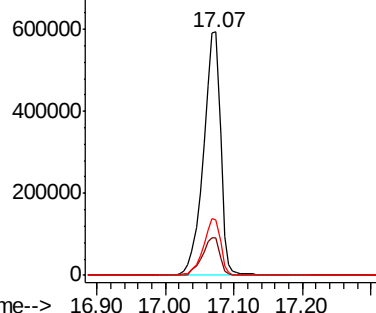
#91
Dibenzo(a,h)anthracene
Concen: 44.908 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1024248
Ion Ratio Lower Upper
278 100
139 15.2 11.5 17.3
279 23.0 18.3 27.5

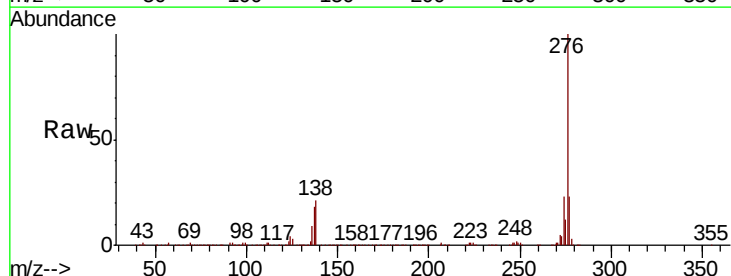


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.443 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118340.D
Acq: 27 Dec 2019 16:17

Tgt Ion:276 Resp: 1001199
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 21.3 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

