

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119124.D
 Acq On : 27 Feb 2020 22:35
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:58:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190908	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	639756	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	302336	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	493209	20.00	ng	0.00
76) Chrysene-d12	13.90	240	451651	20.00	ng	0.00
87) Perylene-d12	15.33	264	572912	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	927734	81.21	ng	0.00
7) Phenol-d6	6.40	99	1096447	78.92	ng	0.00
23) Nitrobenzene-d5	7.32	82	1000790	82.60	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	285637	72.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1714543	83.54	ng	0.00
79) Terphenyl-d14	12.84	244	1804723	68.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	190982	37.549	ng	99
3) Pyridine	3.13	79	530953	38.224	ng	99
4) n-Nitrosodimethylamine	3.09	42	177855	42.268	ng	100
6) Aniline	6.42	93	649497	37.887	ng	91
8) 2-Chlorophenol	6.54	128	499520	40.519	ng	99
9) Benzaldehyde	6.30	77	339612	36.587	ng	99
10) Phenol	6.42	94	584040	38.882	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	453930	39.495	ng	98
12) 1,3-Dichlorobenzene	6.69	146	590411	39.957	ng	99
13) 1,4-Dichlorobenzene	6.77	146	595844	40.297	ng	98
14) 1,2-Dichlorobenzene	6.92	146	538449	39.929	ng	99
15) Benzyl Alcohol	6.90	79	407495	40.583	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	381131	38.282	ng	99
17) 2-Methylphenol	7.02	107	388752	38.894	ng	98
18) Hexachloroethane	7.26	117	203741	38.514	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	308642	38.125	ng	99
20) 3+4-Methylphenols	7.02	107	387739	31.664	ng	80
22) Acetophenone	7.16	105	613916	41.474	ng	# 99
24) Nitrobenzene	7.33	77	492095	41.069	ng	95
25) Isophorone	7.57	82	814750	38.718	ng	99
26) 2-Nitrophenol	7.65	139	250503	39.458	ng	98
27) 2,4-Dimethylphenol	7.69	122	338623	39.300	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	537519	39.244	ng	99
29) 2,4-Dichlorophenol	7.90	162	398128	39.250	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	470470	39.120	ng	98
31) Naphthalene	8.05	128	1305633	39.351	ng	99
32) Benzoic acid	7.85	122	205404	34.804	ng	100
33) 4-Chloroaniline	8.10	127	537827	37.688	ng	99
34) Hexachlorobutadiene	8.17	225	298289	39.818	ng	98
35) Caprolactam	8.49	113	113494	36.338	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	385817	37.583	ng	95
37) 2-Methylnaphthalene	8.75	142	844892	37.839	ng	98
38) 1-Methylnaphthalene	8.84	142	781315	37.208	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	434172	42.593	ng	99

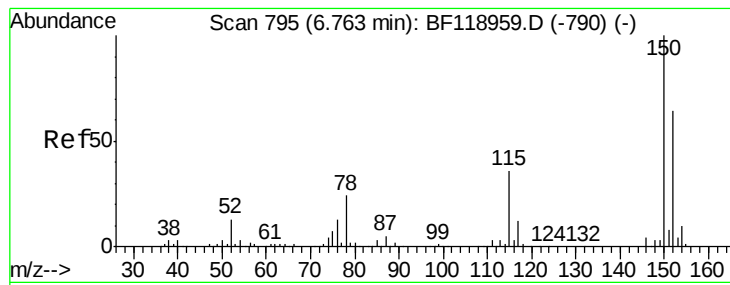
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119124.D
 Acq On : 27 Feb 2020 22:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:58:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	35047	17.731	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	270622	42.041	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	273600	40.504	ng	97
46) 1,1'-Biphenyl	9.20	154	1028208	42.079	ng	98
47) 2-Chloronaphthalene	9.23	162	822263	41.759	ng	97
48) 2-Nitroaniline	9.33	65	232602	42.352	ng	92
49) Acenaphthylene	9.65	152	1145886	40.292	ng	99
50) Dimethylphthalate	9.51	163	954641	41.293	ng	99
51) 2,6-Dinitrotoluene	9.57	165	203875	39.692	ng	99
52) Acenaphthene	9.82	154	689363	40.199	ng	100
53) 3-Nitroaniline	9.75	138	222623	39.096	ng	99
54) 2,4-Dinitrophenol	9.86	184	31396	18.877	ng	97
55) Dibenzofuran	9.99	168	999861	39.063	ng	98
56) 4-Nitrophenol	9.92	139	117267	34.276	ng	94
57) 2,4-Dinitrotoluene	9.98	165	248365	37.305	ng	94
58) Fluorene	10.33	166	780991	39.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	211949	37.186	ng	98
60) Diethylphthalate	10.20	149	888256	40.770	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	420628	39.954	ng	96
62) 4-Nitroaniline	10.36	138	220800	37.900	ng	98
63) Azobenzene	10.48	77	729098	38.500	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	62612	20.979	ng	98
66) n-Nitrosodiphenylamine	10.44	169	697670	43.201	ng	99
67) 4-Bromophenyl-phenylether	10.81	248	267883	41.552	ng	94
68) Hexachlorobenzene	10.89	284	296826	39.934	ng	94
69) Atrazine	10.97	200	207475	36.770	ng	97
70) Pentachlorophenol	11.08	266	110860	37.025	ng	97
71) Phenanthrene	11.29	178	1080240	40.162	ng	98
72) Anthracene	11.34	178	1086662	40.434	ng	99
73) Carbazole	11.50	167	967803	40.423	ng	98
74) Di-n-butylphthalate	11.83	149	1282144	44.221	ng	98
75) Fluoranthene	12.47	202	1175369	41.168	ng	98
77) Benzidine	12.60	184	684419	37.261	ng	99
78) Pyrene	12.70	202	1194505	32.936	ng	99
80) Butylbenzylphthalate	13.32	149	561412	36.781	ng	99
81) Benzo(a)anthracene	13.89	228	1233717	40.090	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	508231	42.531	ng	99
83) Chrysene	13.93	228	1185654	38.666	ng	98
84) Bis(2-ethylhexyl)phthalate	13.88	149	808539	41.929	ng	100
85) Di-n-octyl phthalate	14.49	149	1420107	46.221	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	1452369	48.916	ng	100
88) Benzo(b)fluoranthene	14.93	252	1415923	37.495	ng	99
89) Benzo(k)fluoranthene	14.96	252	1352949	38.660	ng	99
90) Benzo(a)pyrene	15.28	252	1323676	38.838	ng	98
91) Dibenzo(a,h)anthracene	16.76	278	1222553	40.767	ng	99
92) Benzo(g,h,i)perylene	17.17	276	1104115	37.263	ng	98

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

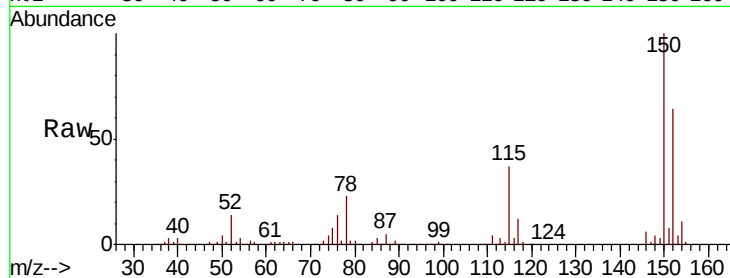


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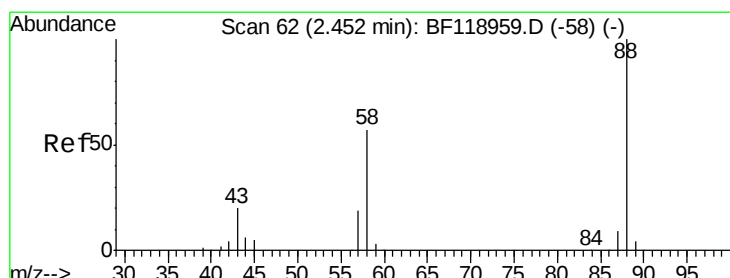
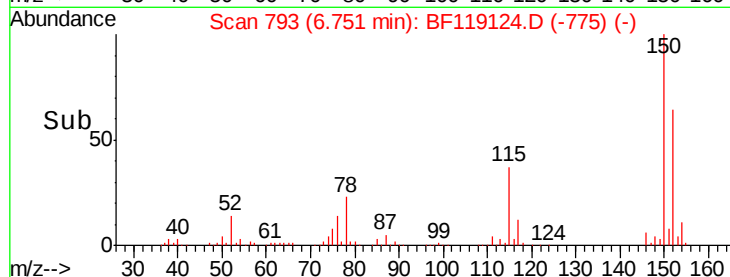
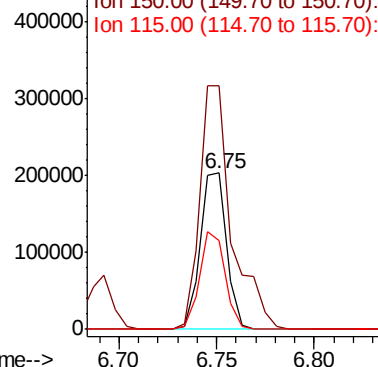
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.6
115	57.2	49.5	74.3



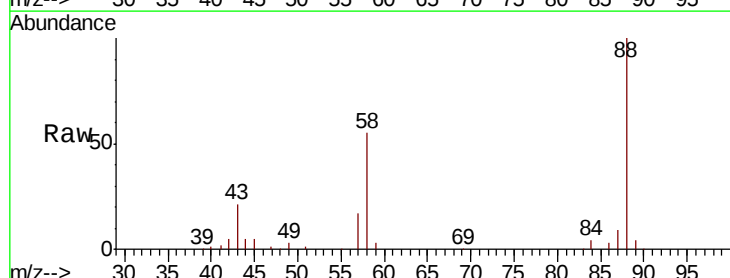
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



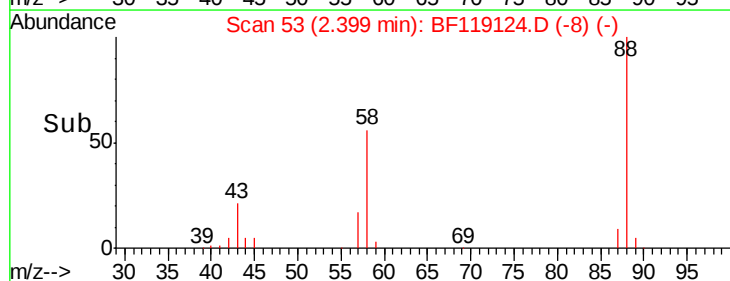
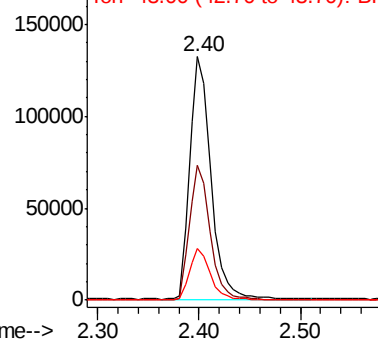
#2

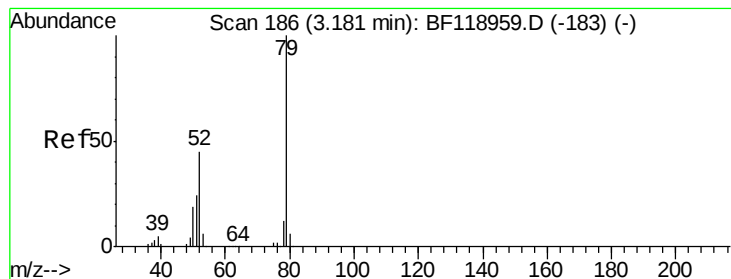
1,4-Dioxane
Concen: 37.549 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.04 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.3	43.8	65.6
43	20.7	16.2	24.4



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: 38.224 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.03 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampled :

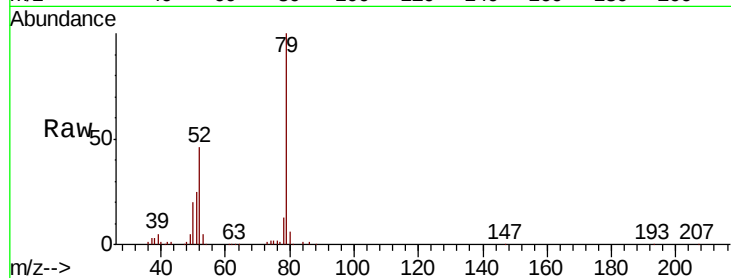
Tot Ion: 79 Resp: 530953

Ion Ratio Lower Upper

79 100

52 45.7 37.4 56.0

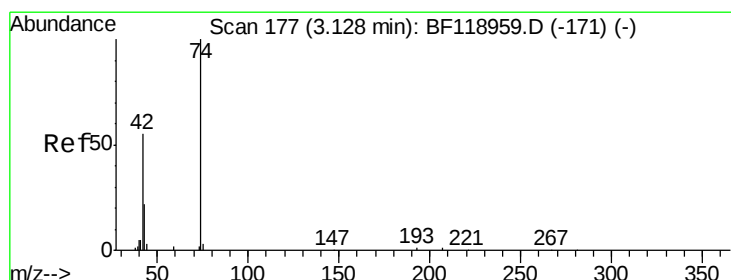
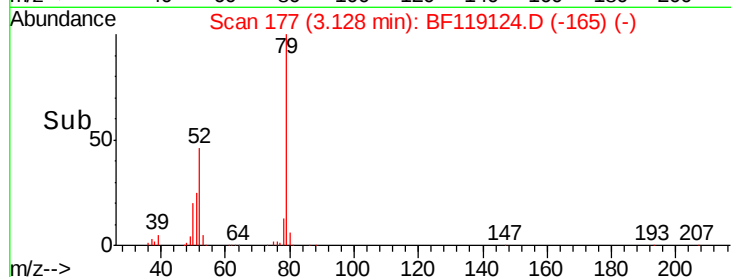
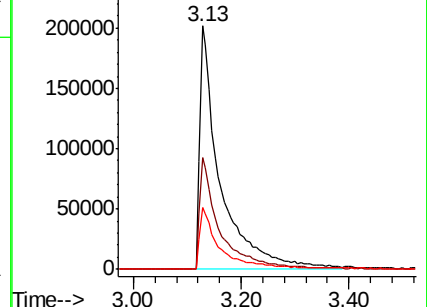
51 25.4 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.268 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.04 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

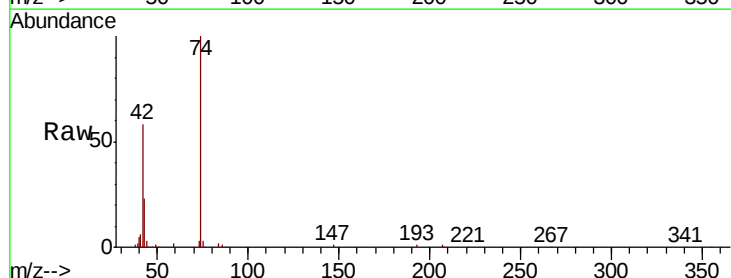
Tgt Ion: 42 Resp: 177855

Ion Ratio Lower Upper

42 100

74 172.6 137.7 206.5

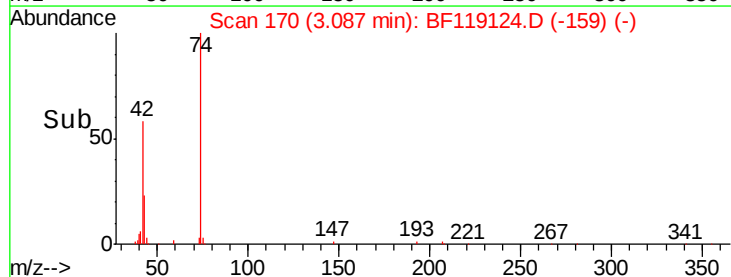
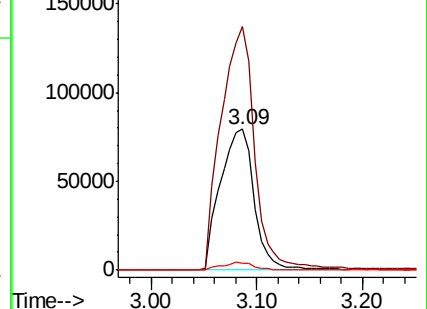
44 5.1 4.5 6.7

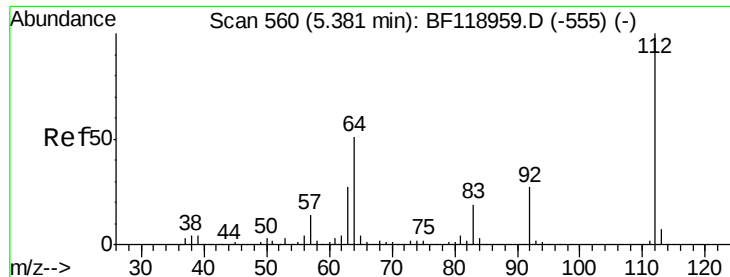


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.212 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampled :

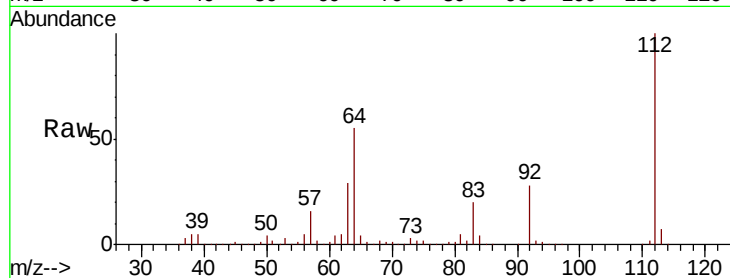
Tot Ion:112 Resp: 927734

Ion Ratio Lower Upper

112 100

64 54.6 45.0 67.4

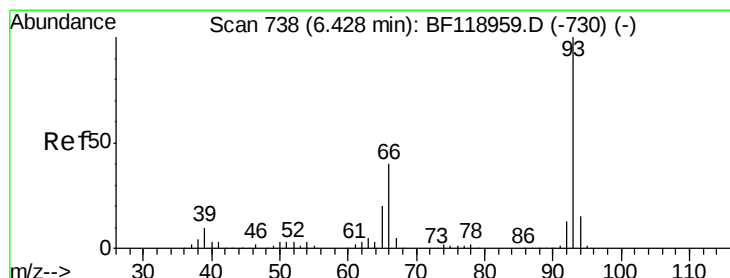
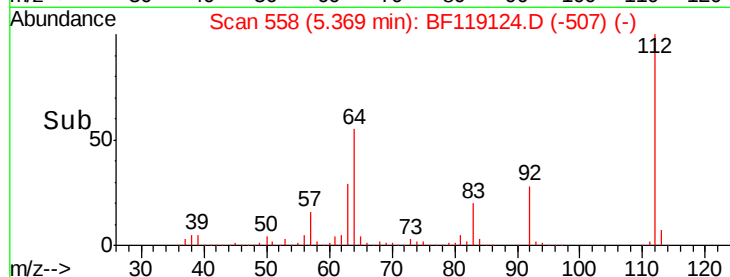
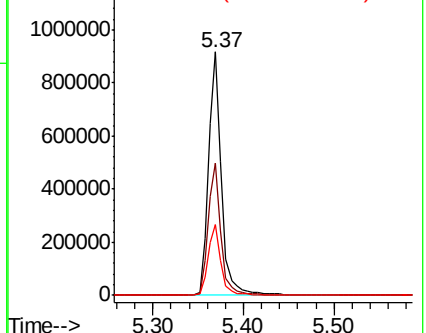
63 29.2 24.2 36.4



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: 37.887 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

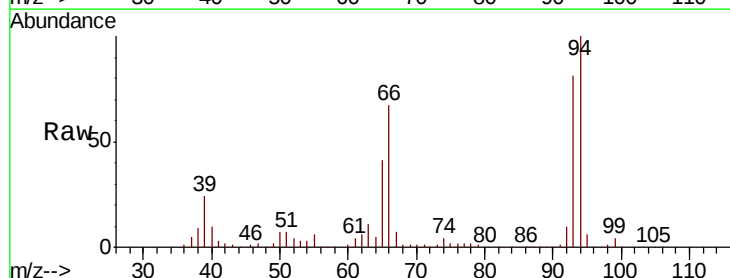
Tgt Ion: 93 Resp: 649497

Ion Ratio Lower Upper

93 100

66 83.1 74.5 111.7

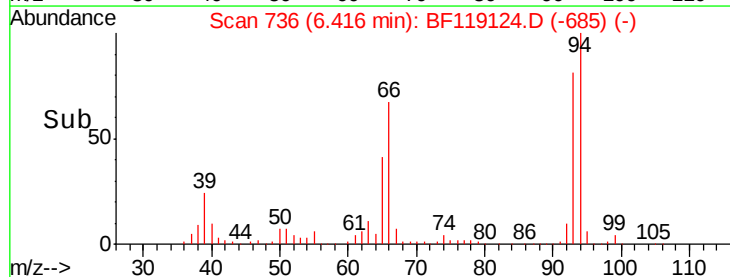
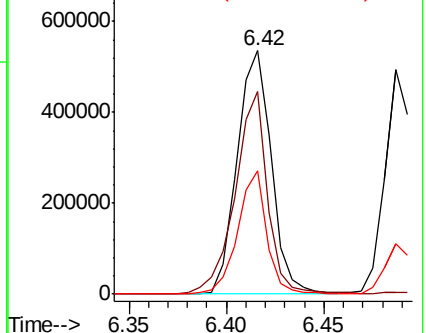
65 50.7 45.3 67.9



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: 78.920 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

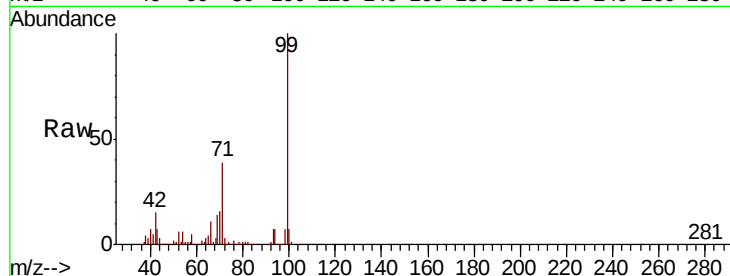
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1096447

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	38.9	31.0	46.4

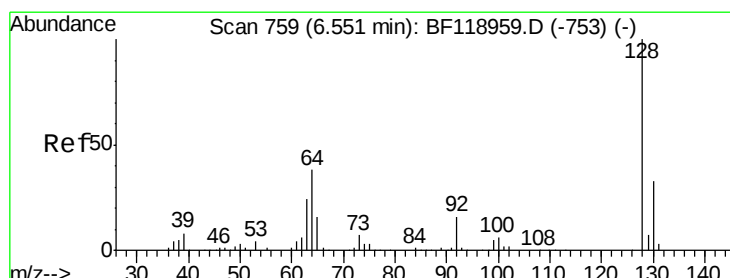
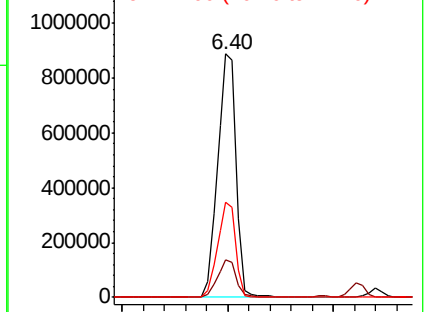
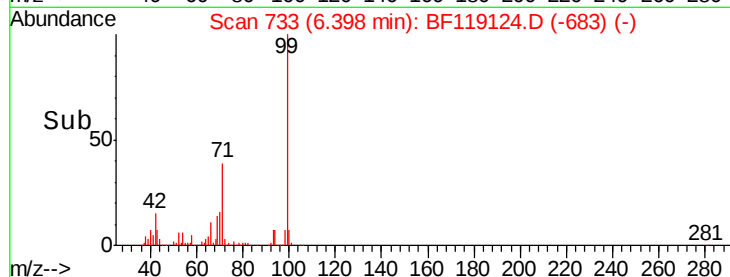


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.519 ng

RT: 6.54 min Scan# 757

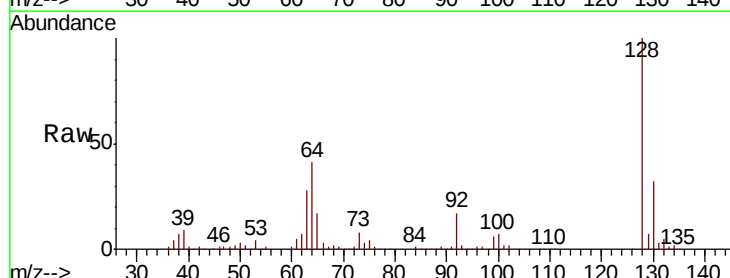
Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion: 128 Resp: 499520

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.7	52.7
64	41.5	22.3	62.3

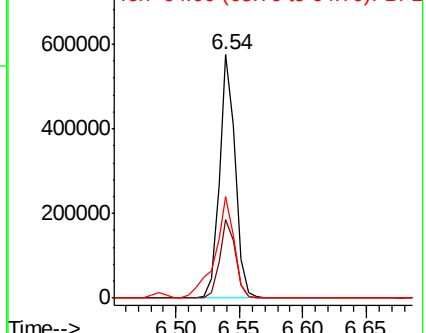
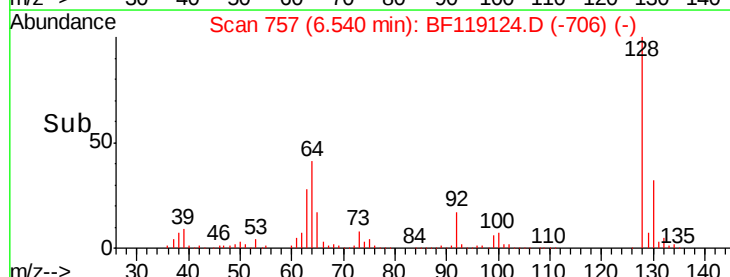


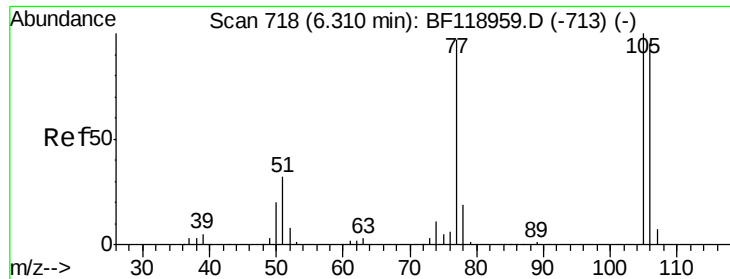
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.587 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

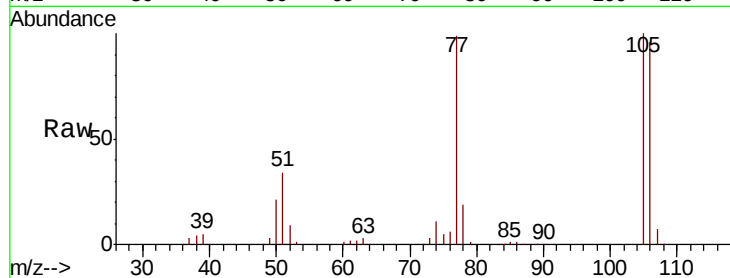
Tot Ion: 77 Resp: 339612

Ion Ratio Lower Upper

77 100

105 101.1 80.1 120.1

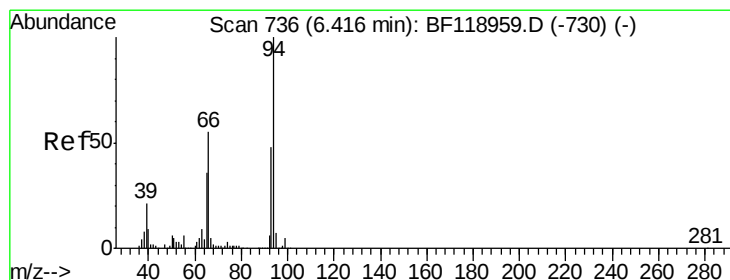
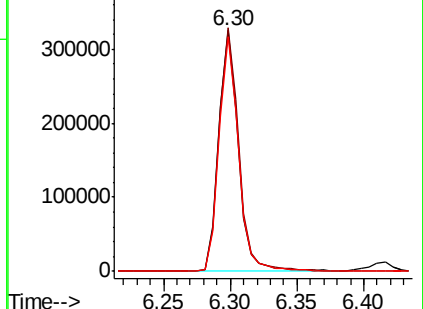
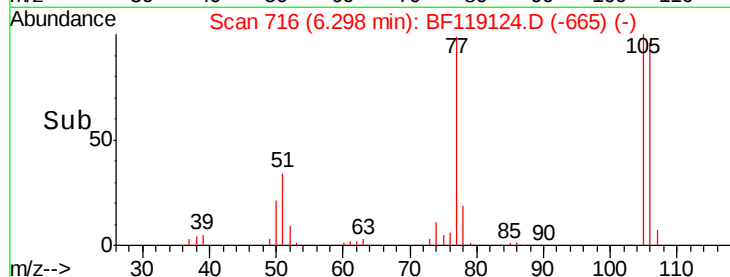
106 97.4 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.882 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

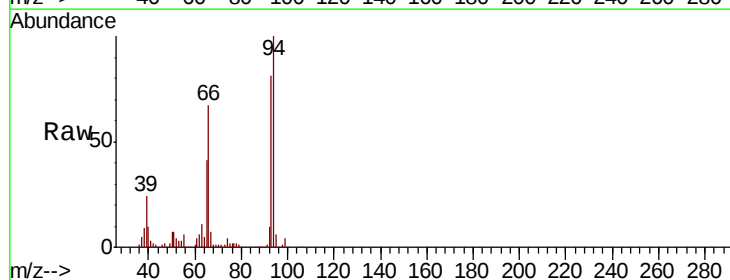
Tgt Ion: 94 Resp: 584040

Ion Ratio Lower Upper

94 100

65 41.1 19.2 59.2

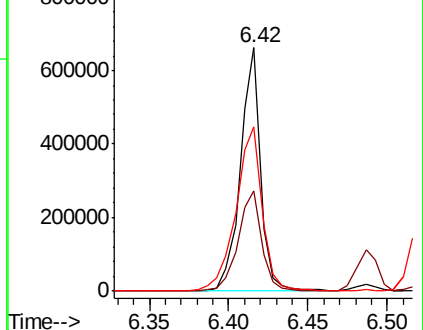
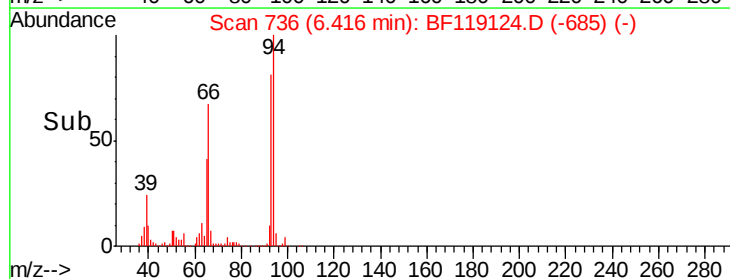
66 67.3 44.4 84.4



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

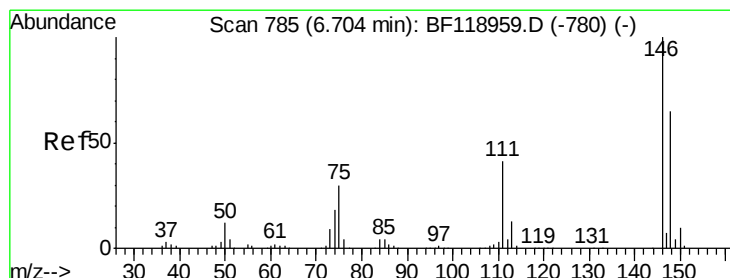
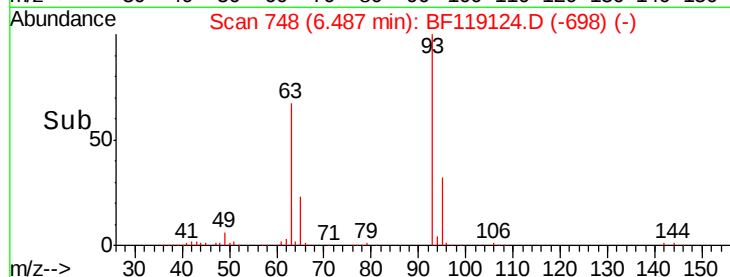
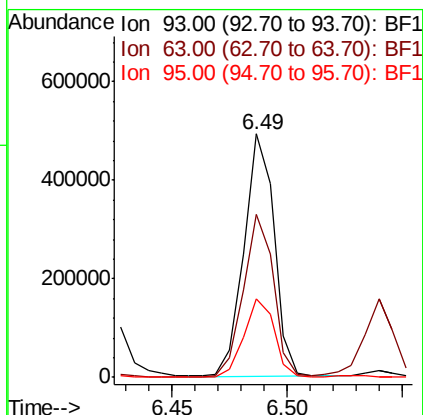
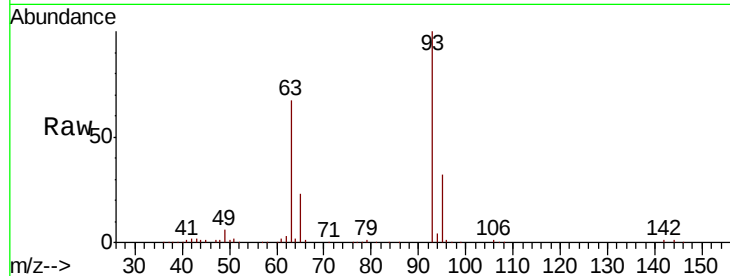




#11
bis(2-Chloroethyl)ether
Concen: 39.495 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

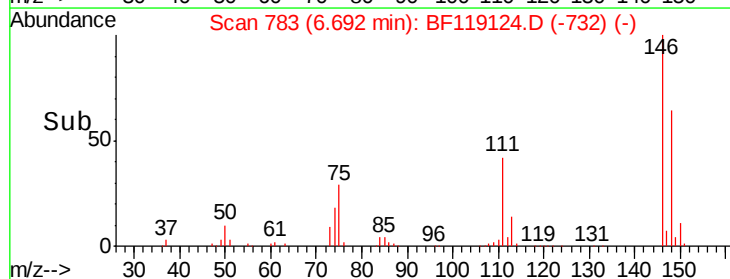
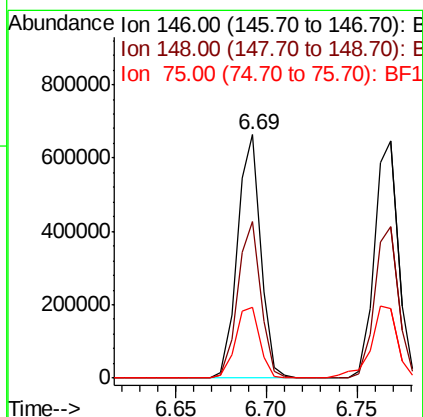
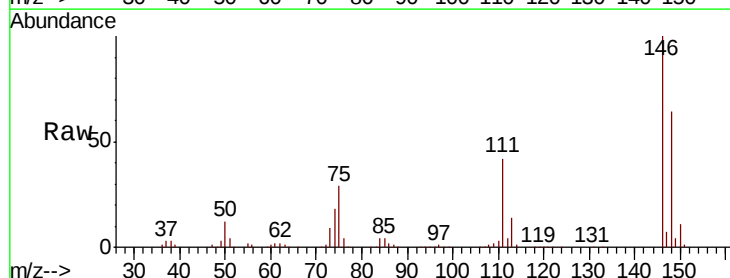
Instrument :
BNA_F
ClientSampleId :

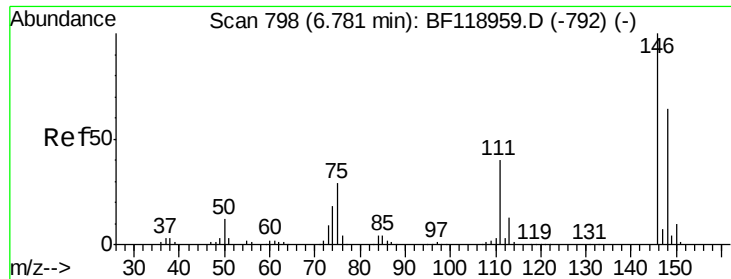
Tot Ion: 93 Resp: 453930
Ion Ratio Lower Upper
93 100
63 67.0 45.4 85.4
95 32.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion: 146 Resp: 590411
Ion Ratio Lower Upper
146 100
148 64.5 52.5 78.7
75 28.9 23.6 35.4

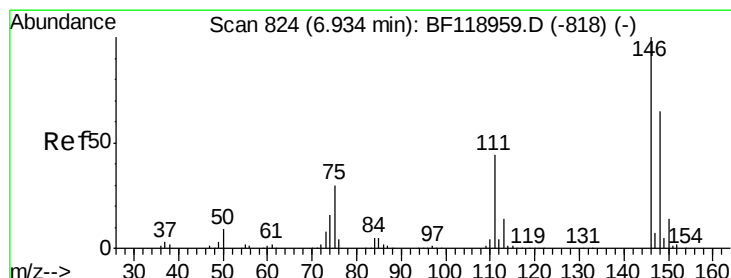
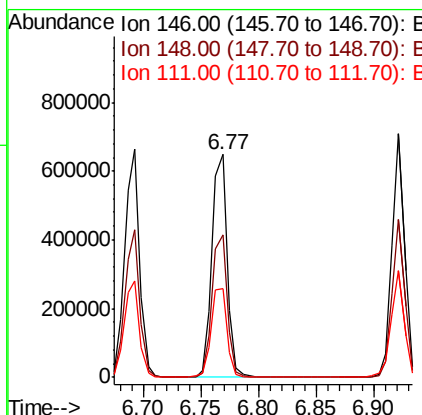
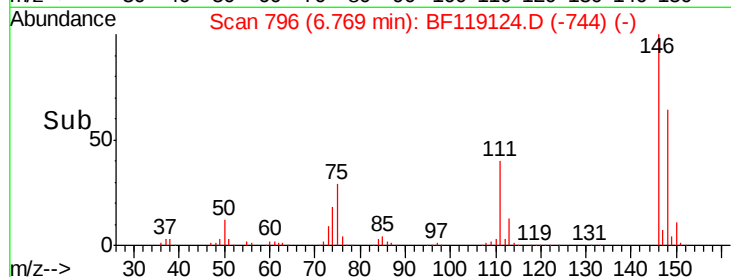
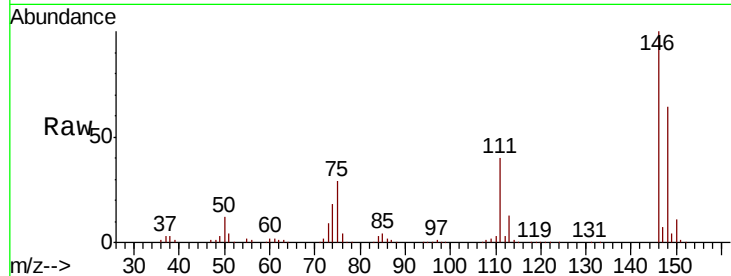




#13
 1,4-Dichlorobenzene
 Concen: 40.297 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

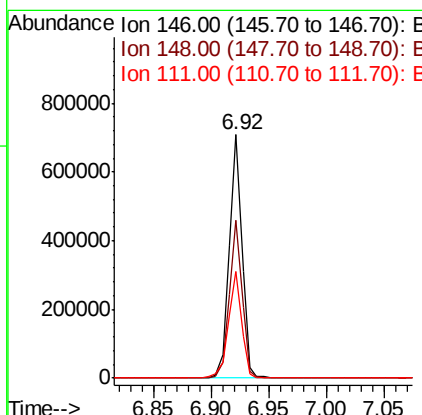
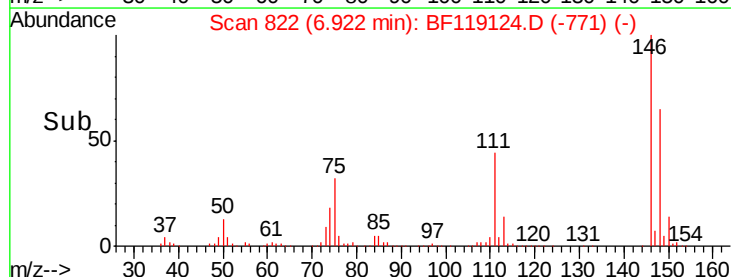
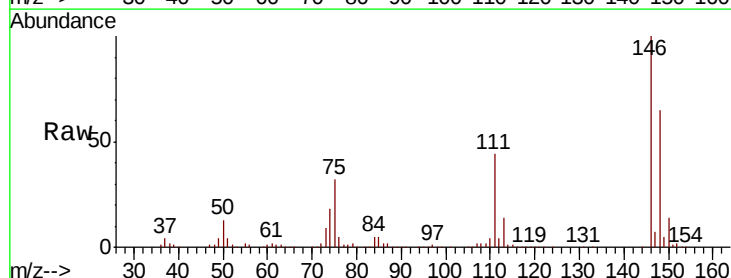
Instrument :
 BNA_F
 ClientSampled :

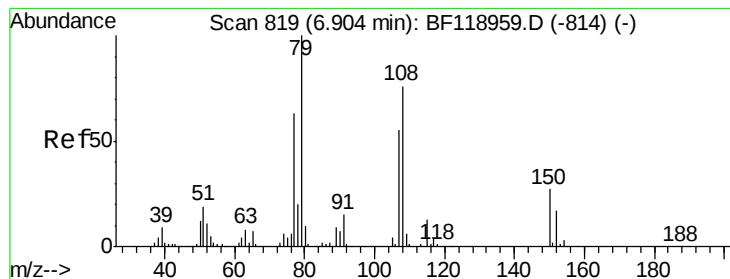
Tot Ion:146 Resp: 595844
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 40.1 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 39.929 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion:146 Resp: 538449
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 43.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 40.583 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

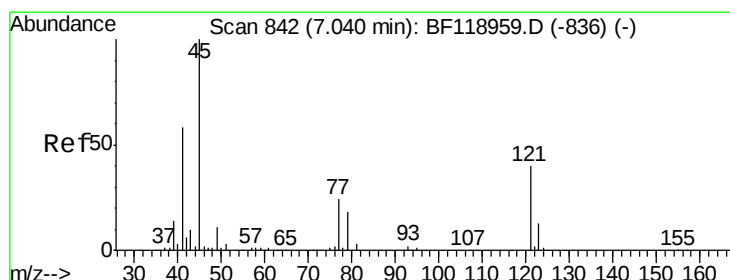
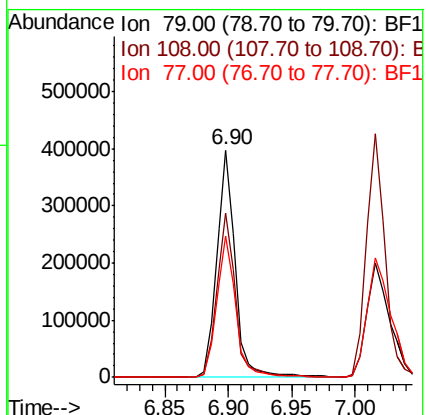
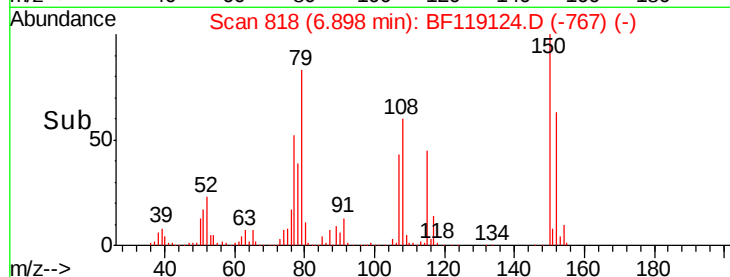
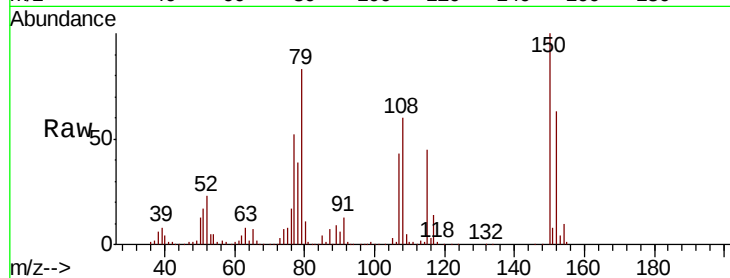
Tot Ion: 79 Resp: 407495

Ion Ratio Lower Upper

79 100

108 72.4 58.2 87.2

77 62.1 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.282 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

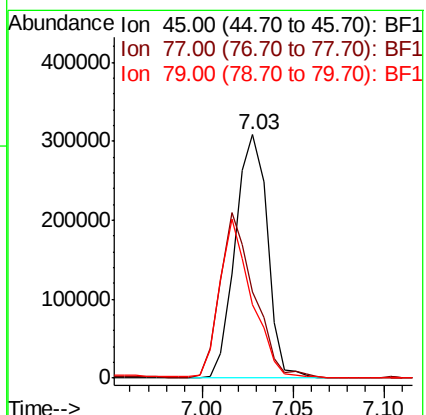
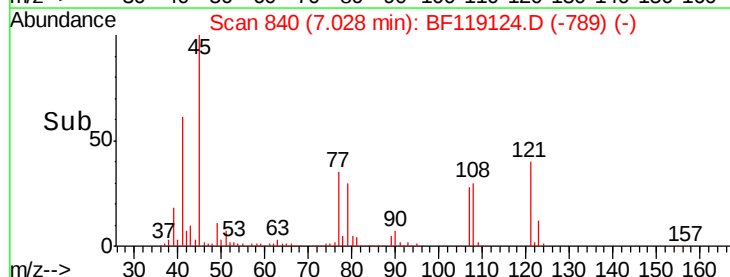
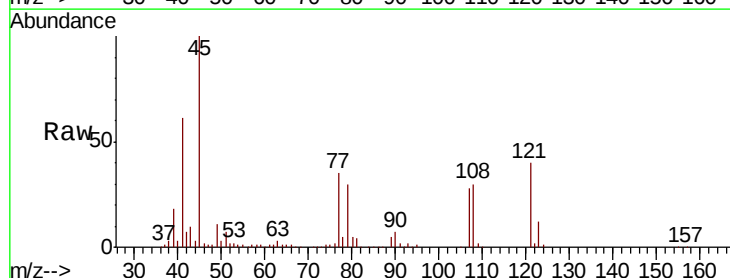
Tgt Ion: 45 Resp: 381131

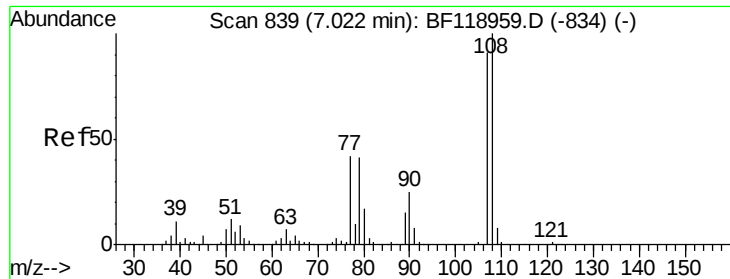
Ion Ratio Lower Upper

45 100

77 35.3 15.0 55.0

79 30.0 9.4 49.4

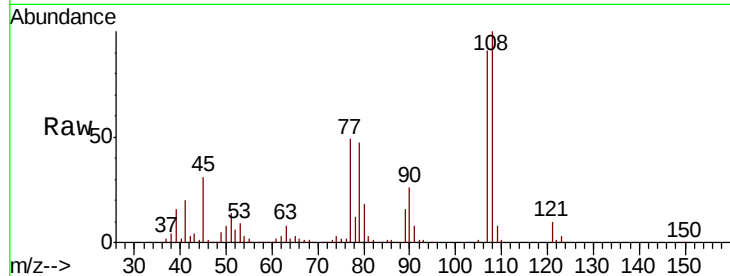




#17
2-Methylphenol
Concen: 38.894 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	388752
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.9	131.9
77	53.8	45.3	67.9
79	51.6	43.0	64.4



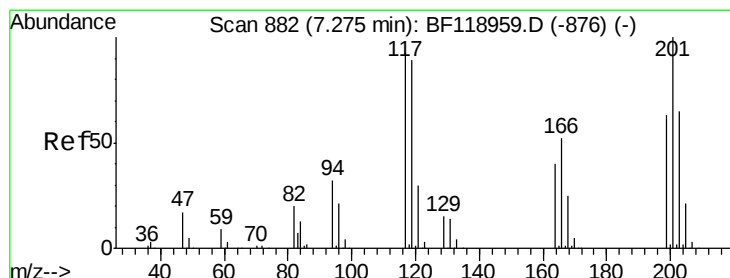
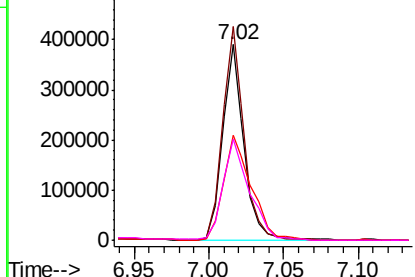
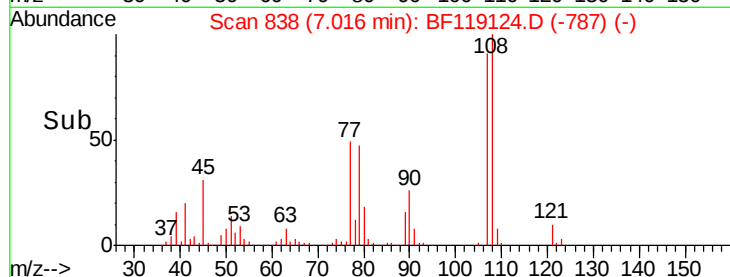
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

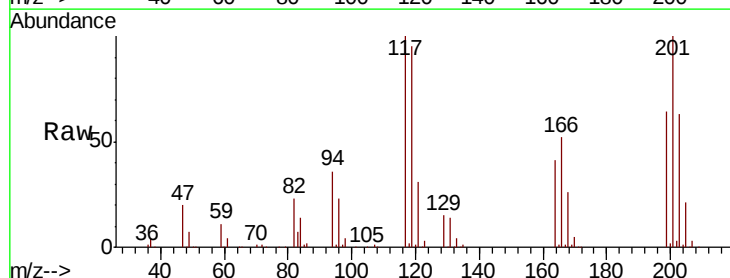
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.514 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:	117	Resp:	203741
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	100.5	82.6	123.8

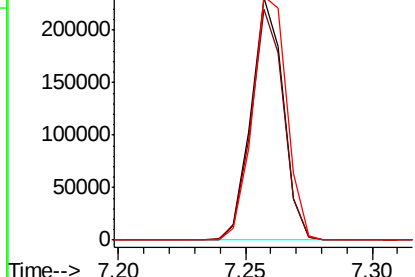
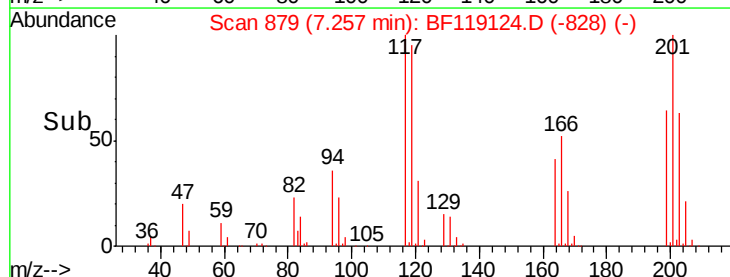


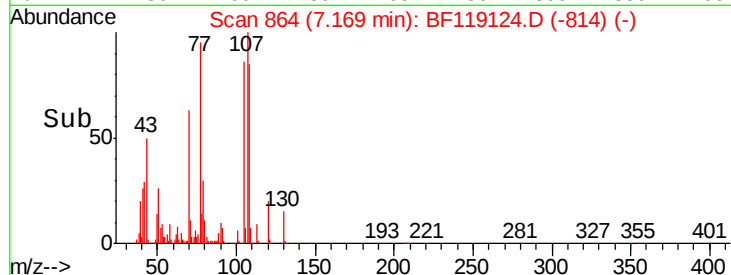
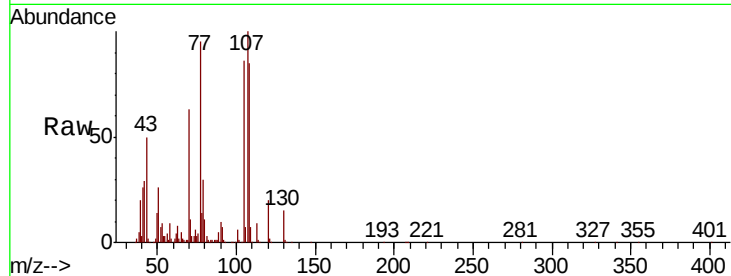
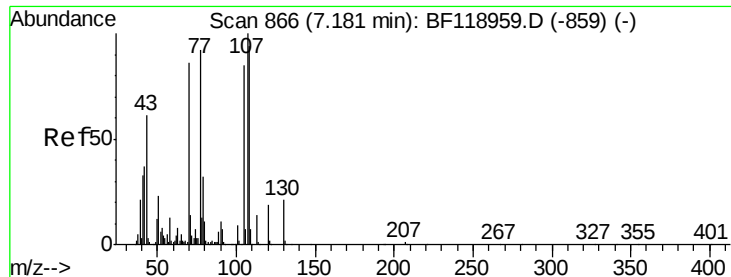
Abundance

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

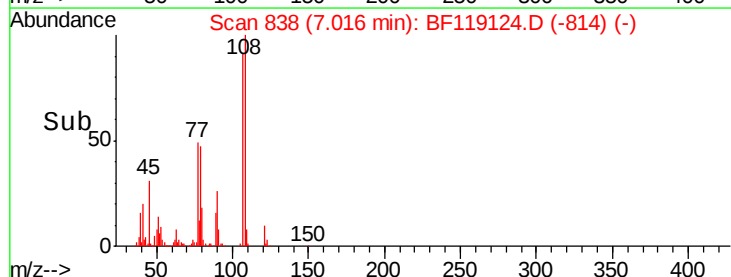
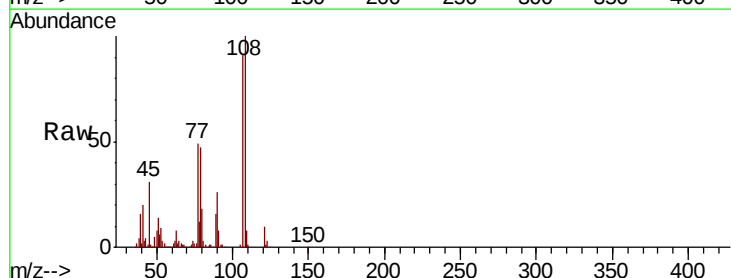
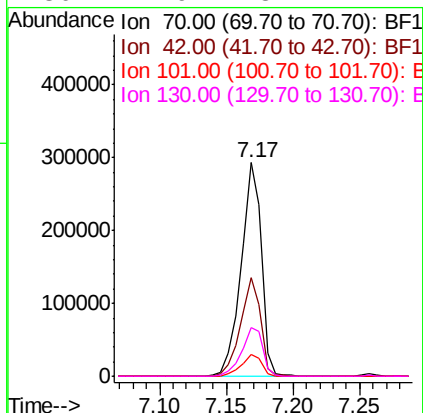




#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

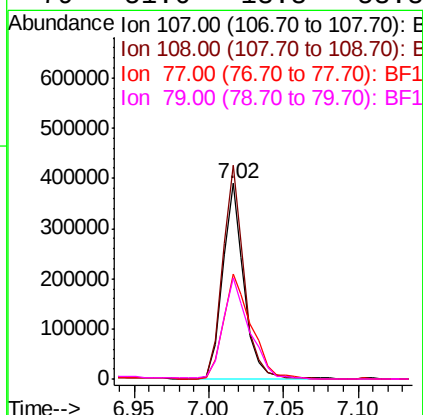
Instrument :
BNA_F
ClientSampleId :

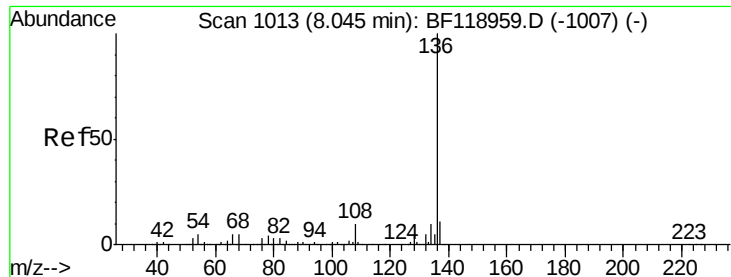
Tot Ion:	70	Resp:	308642
Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.2	8.2	12.4
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 31.664 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.16 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:	107	Resp:	387739
Ion	Ratio	Lower	Upper
107	100		
108	109.4	71.5	111.5
77	53.8	45.9	85.9
79	51.6	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639756

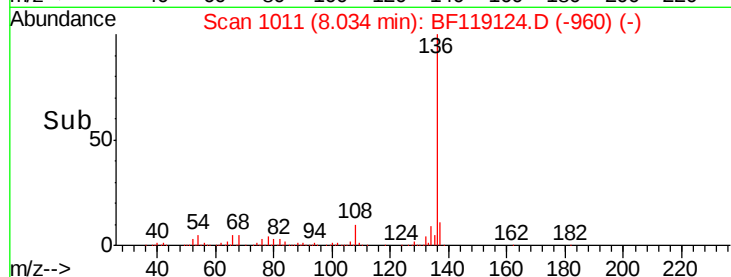
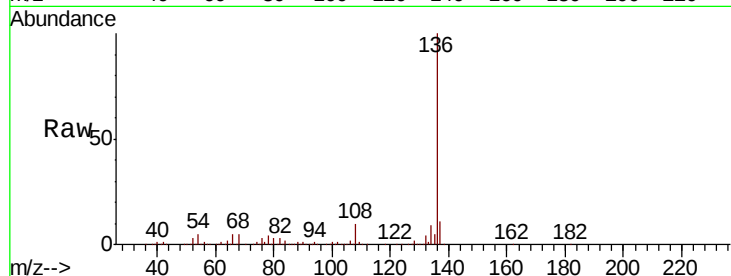
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.5 3.8 5.6

68 4.6 3.9 5.9

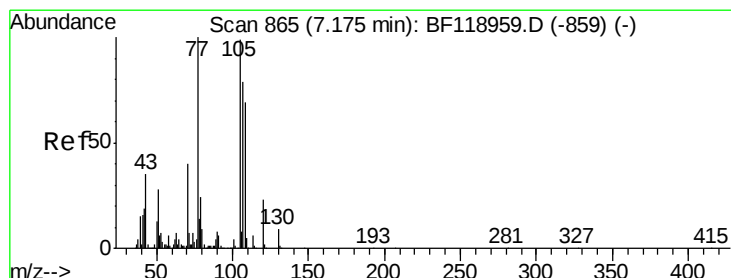
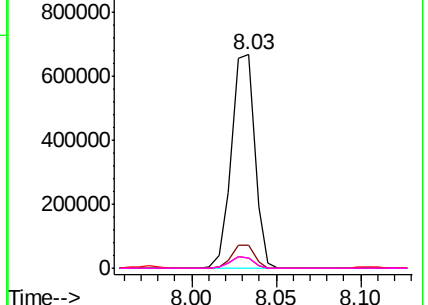


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.474 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:105 Resp: 613916

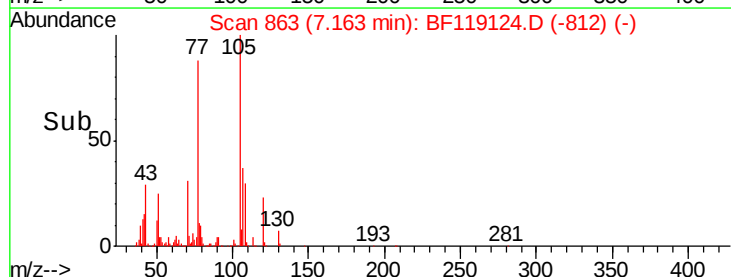
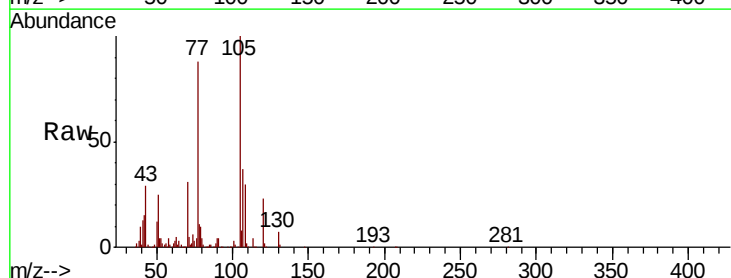
Ion Ratio Lower Upper

105 100

71 5.0 3.0 4.4#

51 25.0 20.1 30.1

120 23.4 18.0 27.0

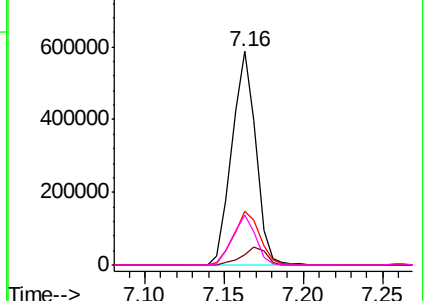


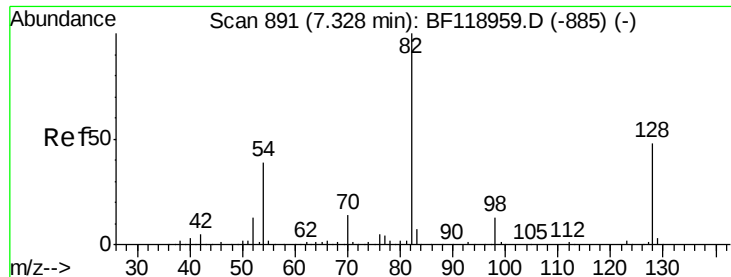
Abundance Ion 105.00 (104.70 to 105.70): E

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

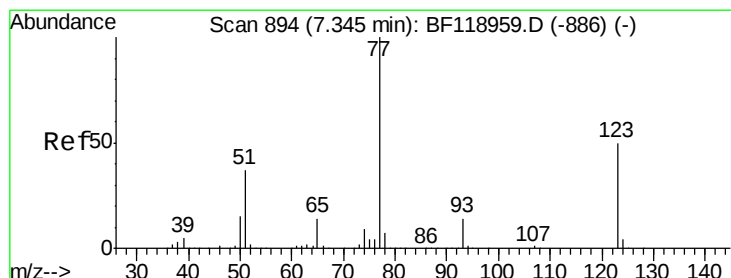
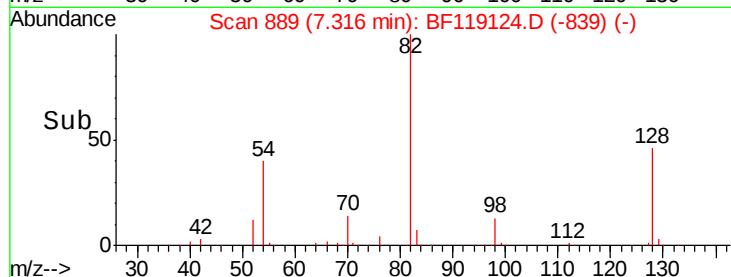
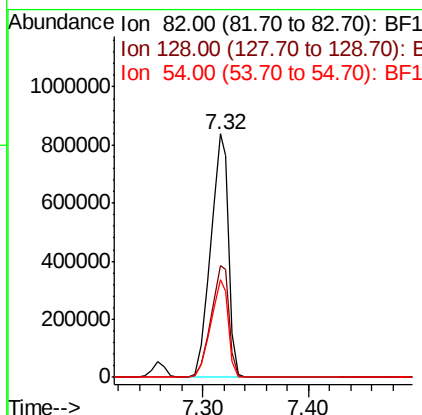
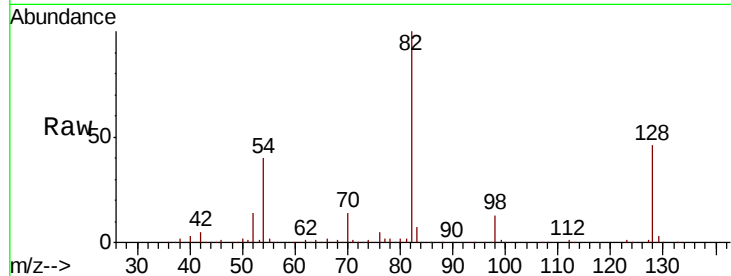




#23
 Nitrobenzene-d5
 Concen: 82.597 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

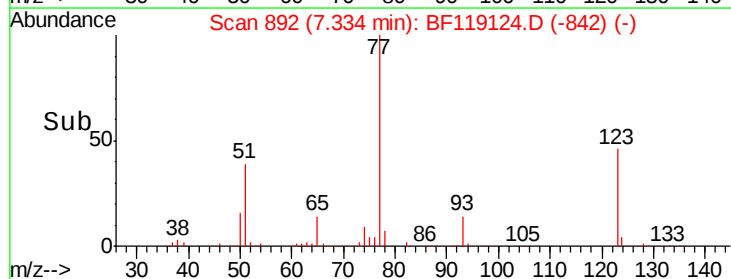
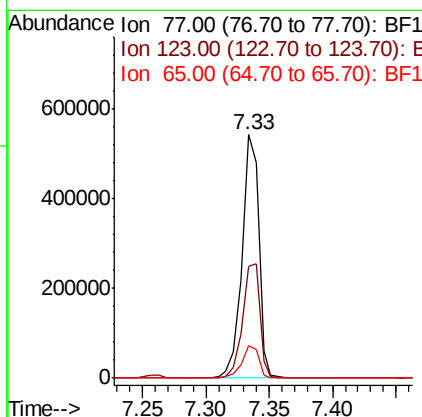
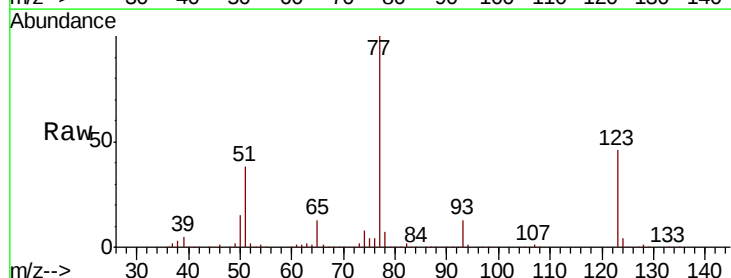
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1000790
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.9 56.9
 54 40.2 33.4 50.2



#24
 Nitrobenzene
 Concen: 41.069 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion: 77 Resp: 492095
 Ion Ratio Lower Upper
 77 100
 123 46.2 40.2 60.2
 65 13.4 10.8 16.2

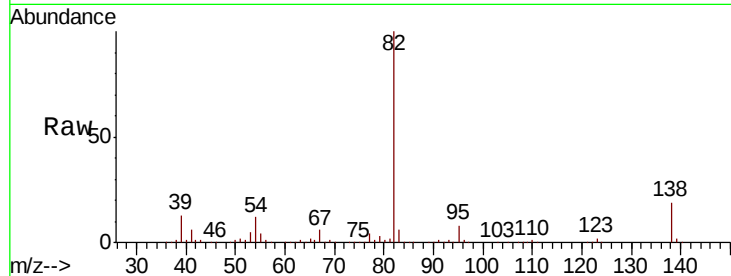




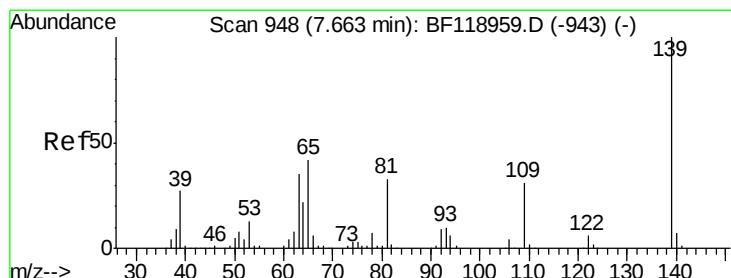
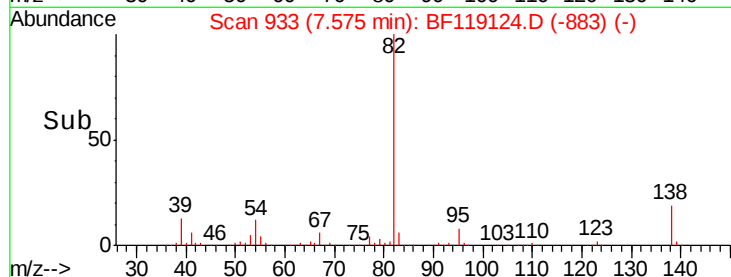
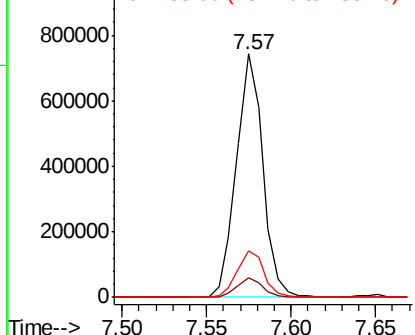
#25
Isophorone
Concen: 38.718 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 814750
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.0 15.7 23.5

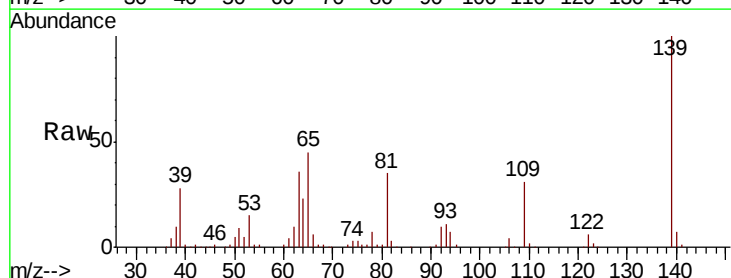


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

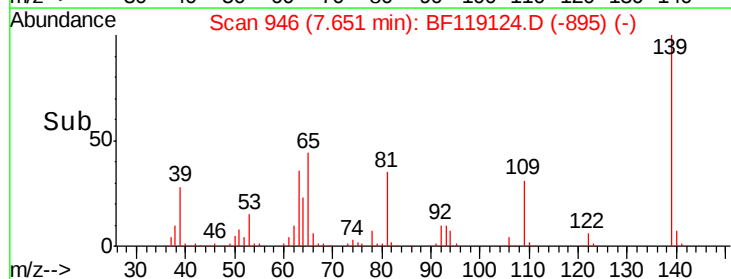
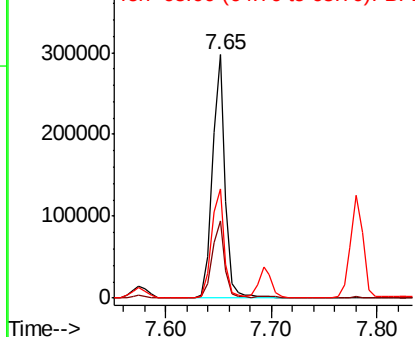


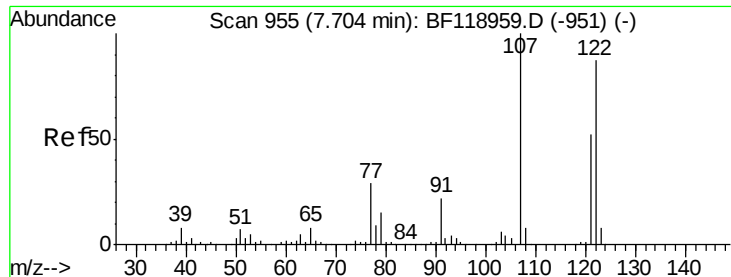
#26
2-Nitrophenol
Concen: 39.458 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion: 139 Resp: 250503
Ion Ratio Lower Upper
139 100
109 31.5 25.7 38.5
65 44.8 37.1 55.7



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

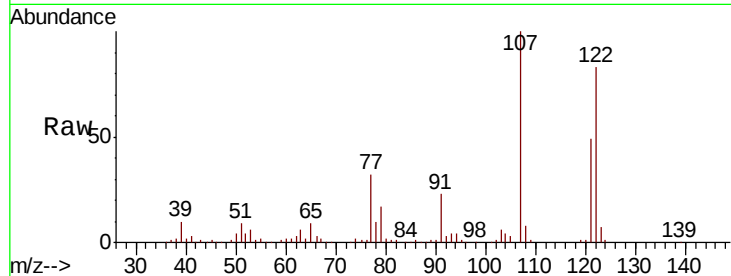




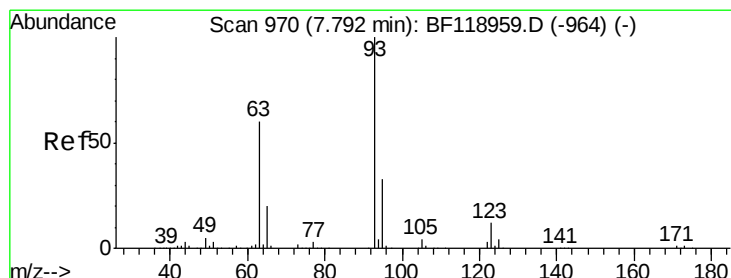
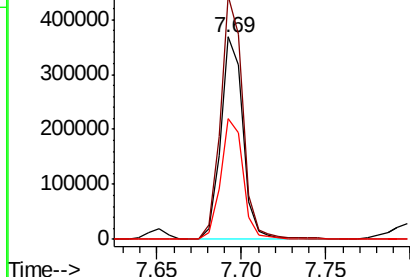
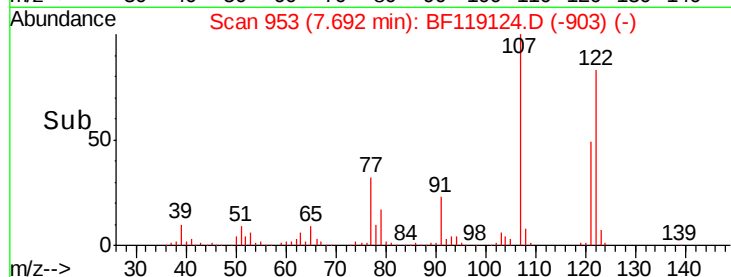
#27
2,4-Dimethylphenol
Concen: 39.300 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 338623
Ion Ratio Lower Upper
122 100
107 120.2 93.8 140.6
121 59.3 48.2 72.2

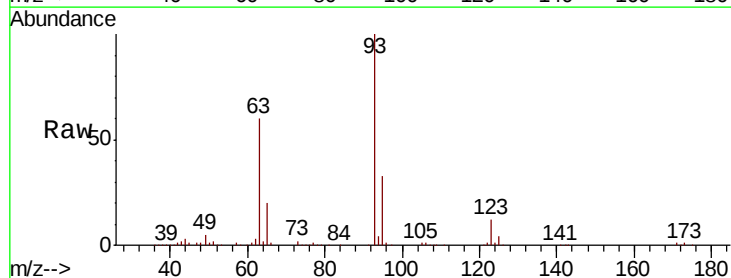


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

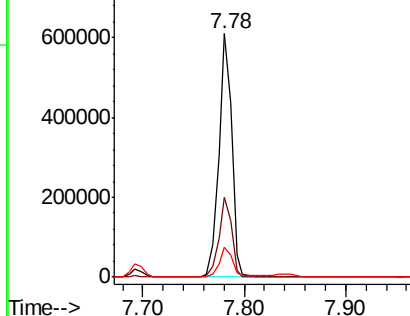
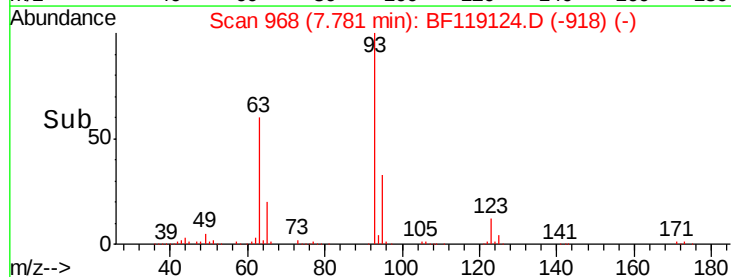


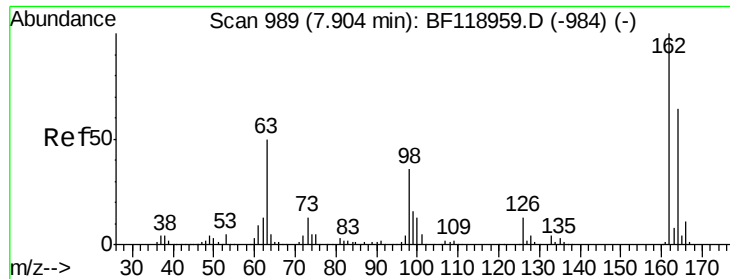
#28
bis(2-Chloroethoxy)methane
Concen: 39.244 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion: 93 Resp: 537519
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 12.3 10.2 15.2



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

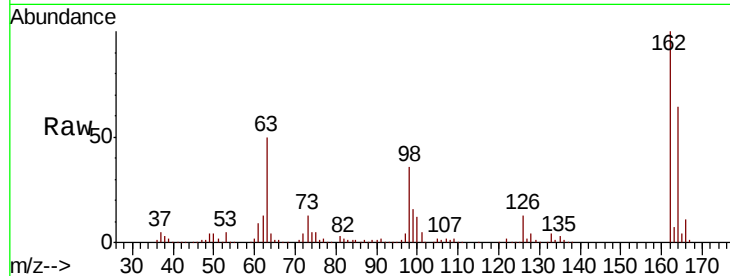




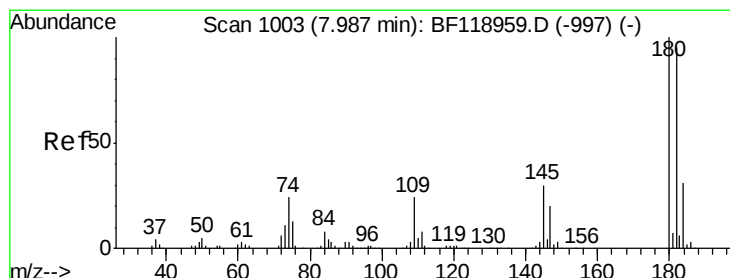
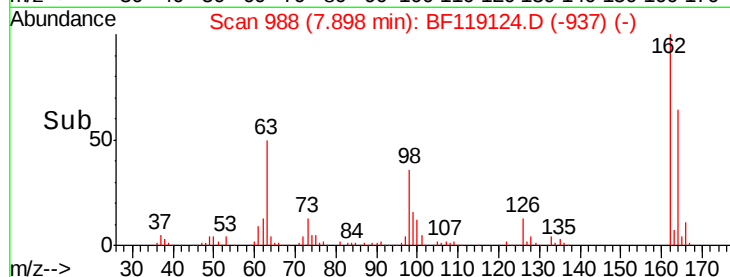
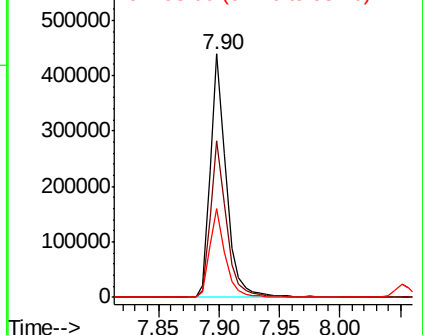
#29
2,4-Dichlorophenol
Concen: 39.250 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	36.2	17.4	57.4

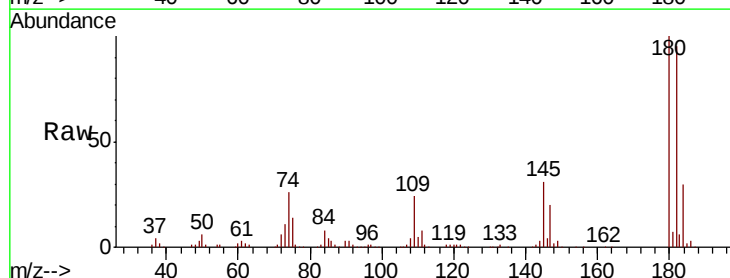


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

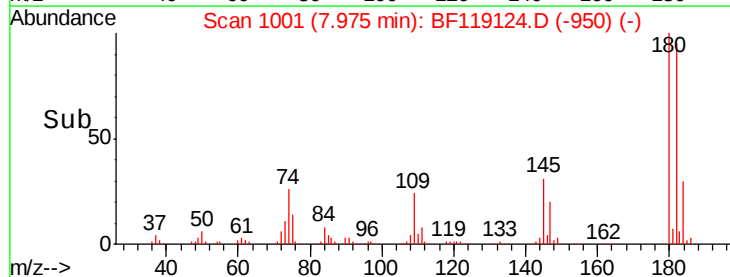
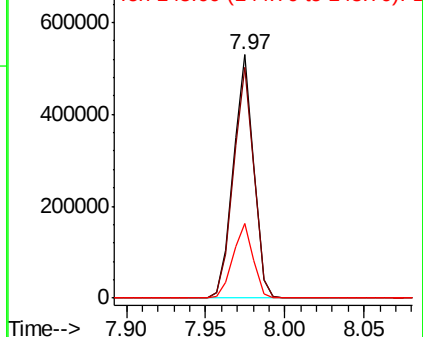


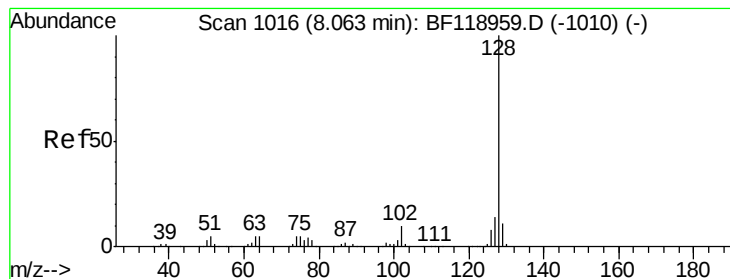
#30
1,2,4-Trichlorobenzene
Concen: 39.120 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.8	116.6
145	30.6	25.2	37.8



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: 39.351 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

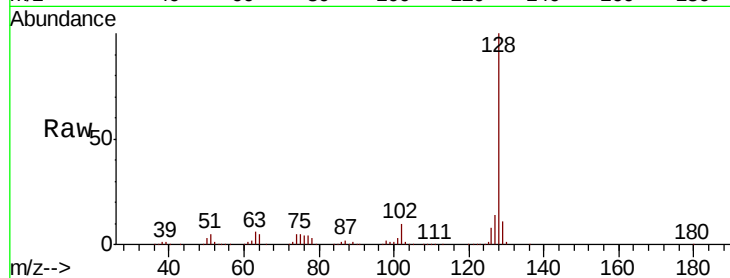
Tot Ion:128 Resp: 1305633

Ion Ratio Lower Upper

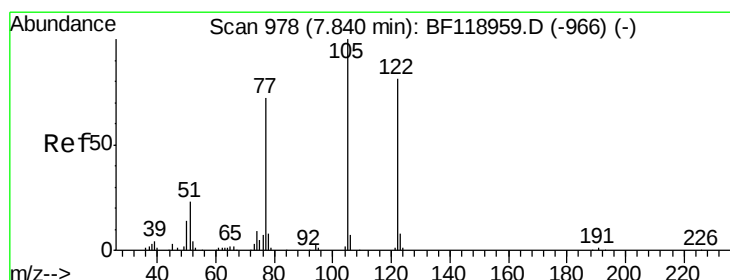
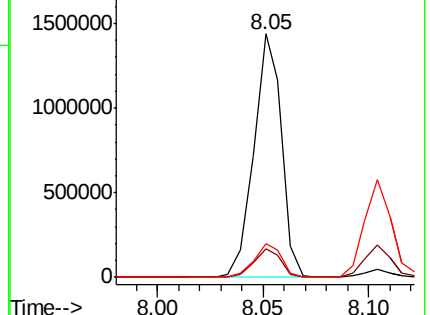
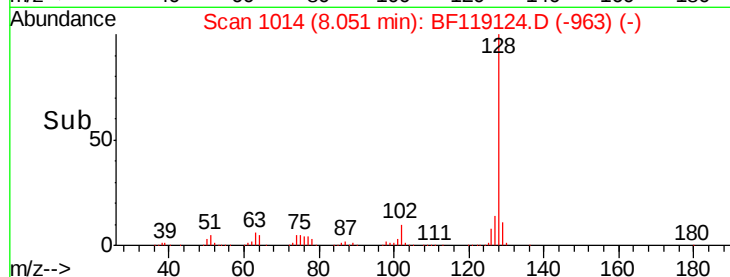
128 100

129 11.5 9.4 14.2

127 14.0 11.4 17.2



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



#32

Benzoic acid

Concen: 34.804 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

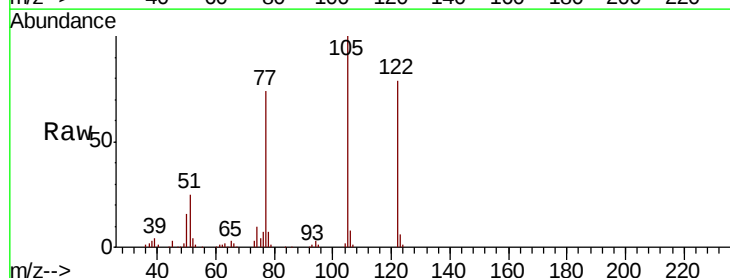
Tgt Ion:122 Resp: 205404

Ion Ratio Lower Upper

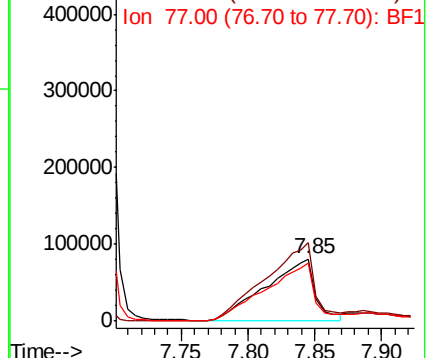
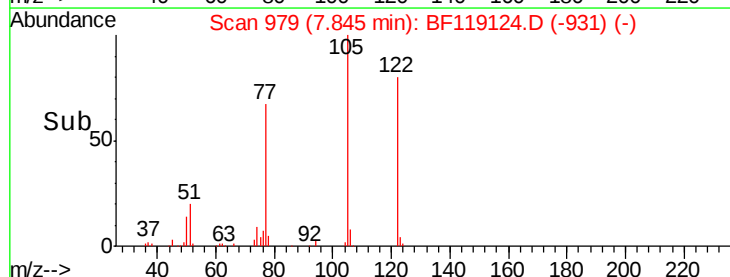
122 100

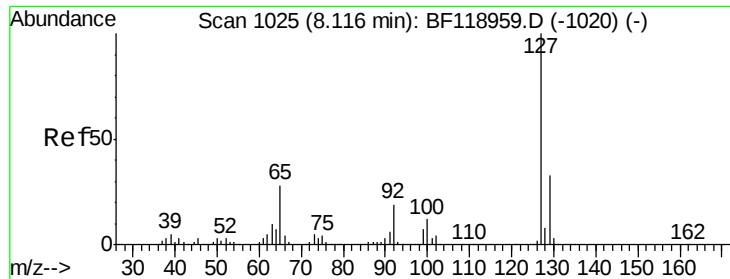
105 125.8 106.3 146.3

77 92.8 73.1 113.1



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

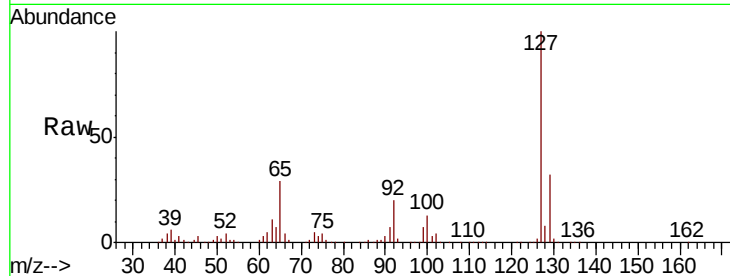




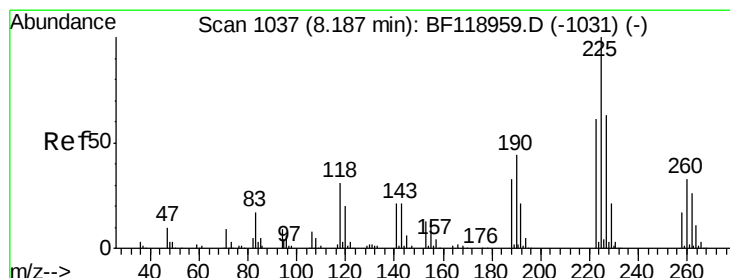
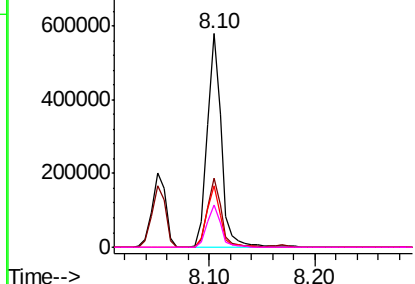
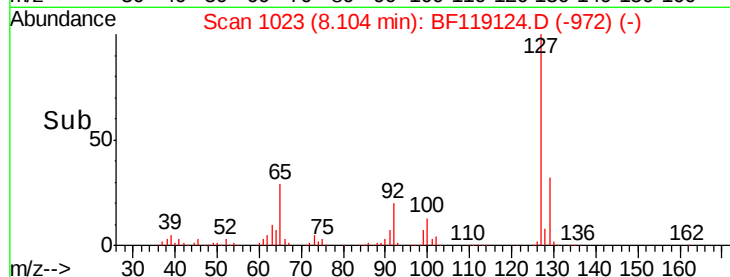
#33
4-Chloroaniline
Concen: 37.688 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	537827
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.9	23.9	35.9
92	19.8	16.3	24.5

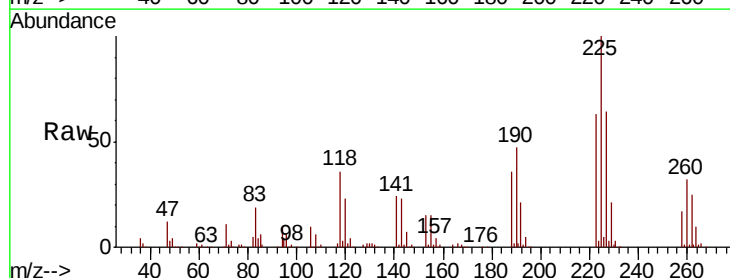


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

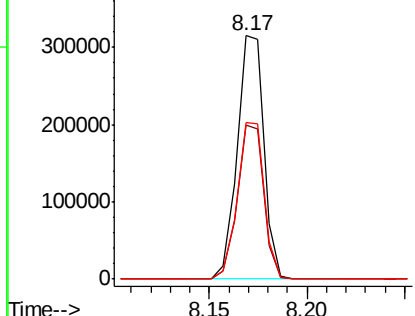
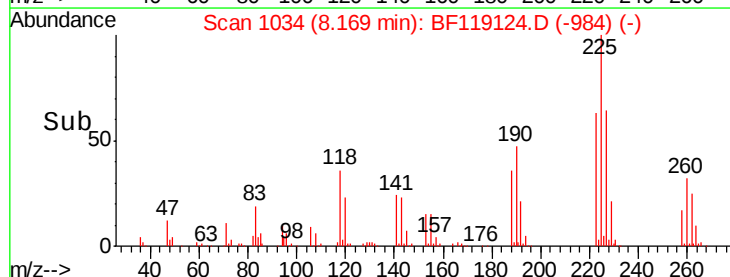


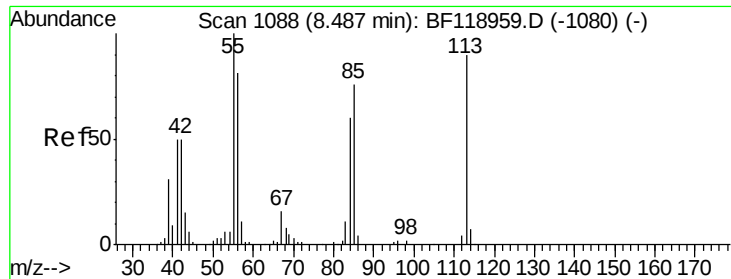
#34
Hexachlorobutadiene
Concen: 39.818 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:	225	Resp:	298289
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	64.4	52.9	79.3



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

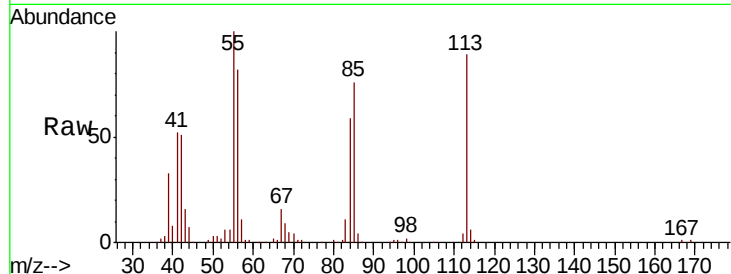




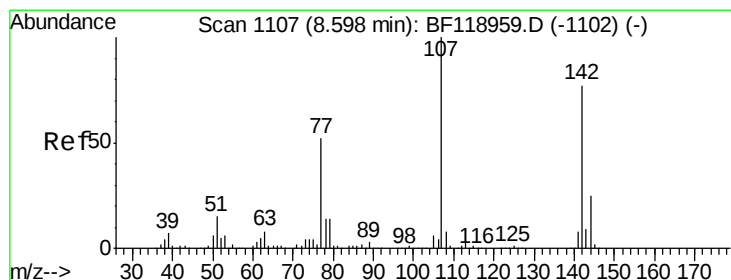
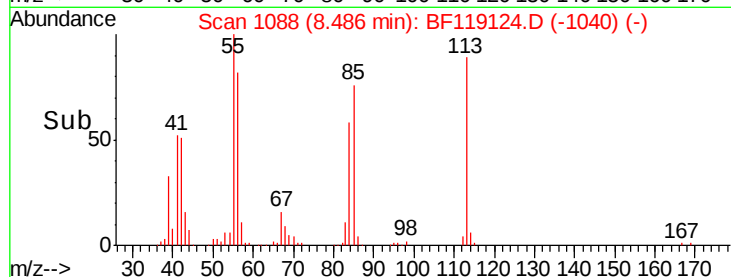
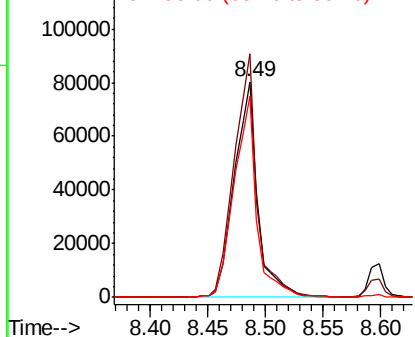
#35
 Caprolactam
 Concen: 36.338 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 113494
 Ion Ratio Lower Upper
 113 100
 55 113.0 95.7 135.7
 56 93.2 73.1 113.1

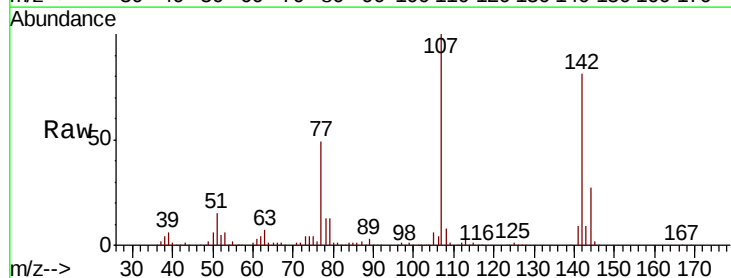


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

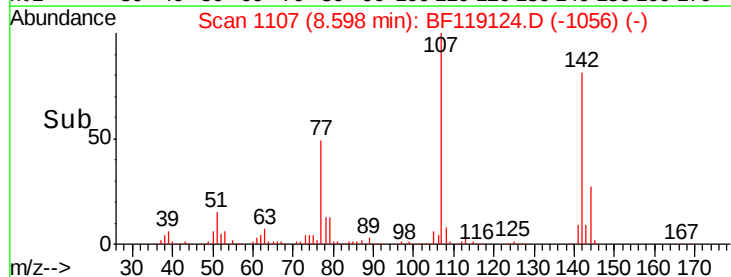
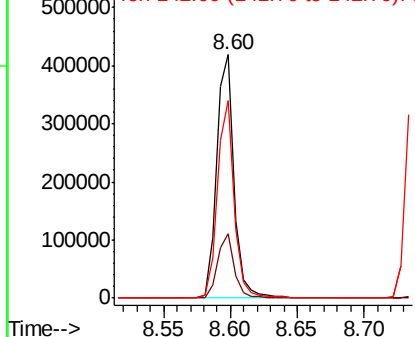


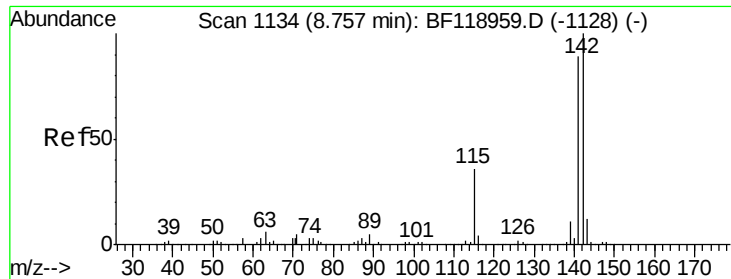
#36
 4-Chloro-3-methylphenol
 Concen: 37.583 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion:107 Resp: 385817
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 81.2 61.4 92.2



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

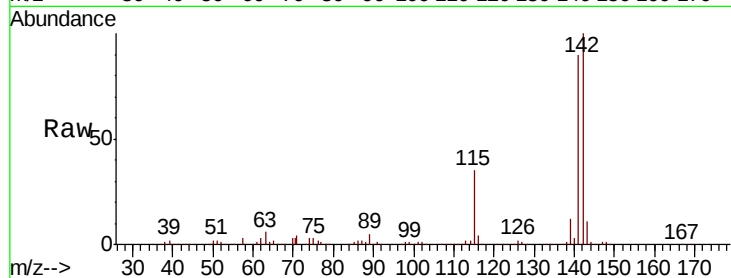




#37
 2-Methylnaphthalene
 Concen: 37.839 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	35.4	30.6	45.8

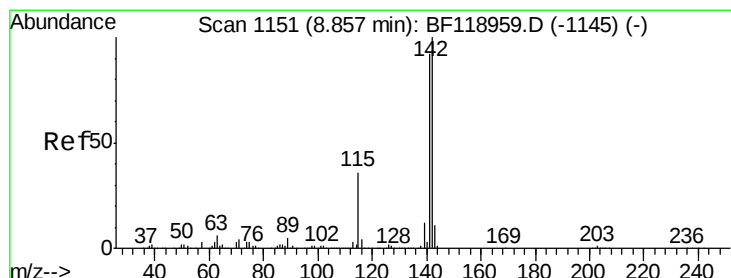
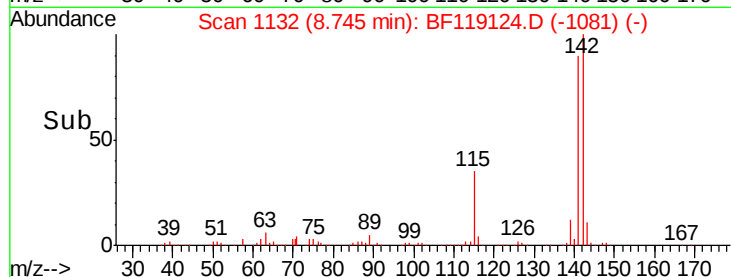
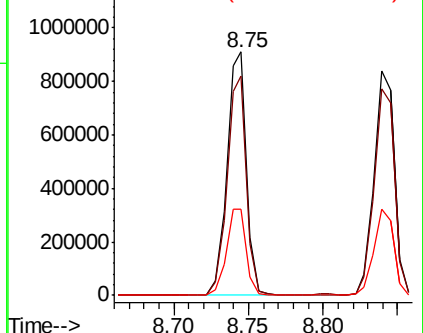


Abundance

Ion 142.00 (141.70 to 142.70): E

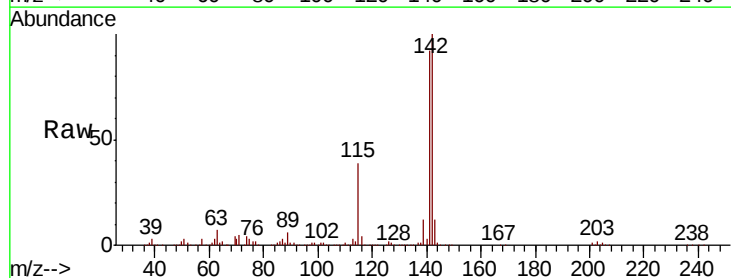
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 37.208 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	4.1	3.1	4.7

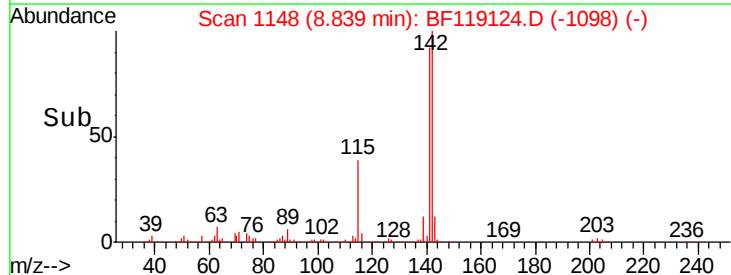
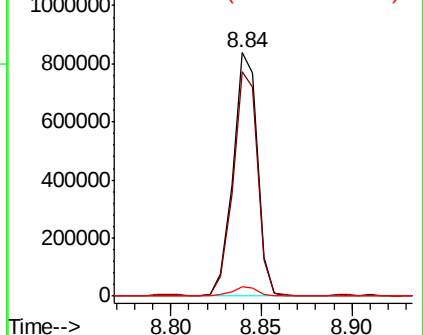


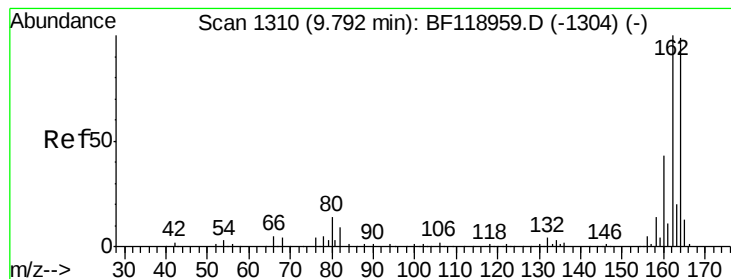
Abundance

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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

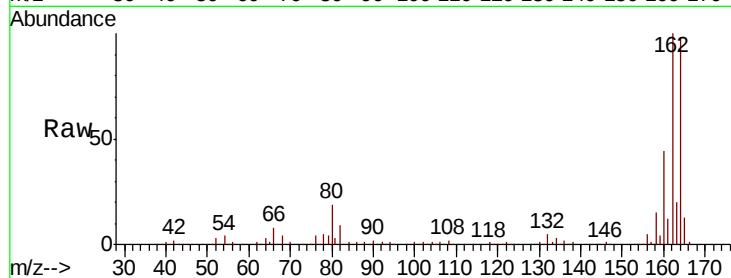
Tot Ion:164 Resp: 302336

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

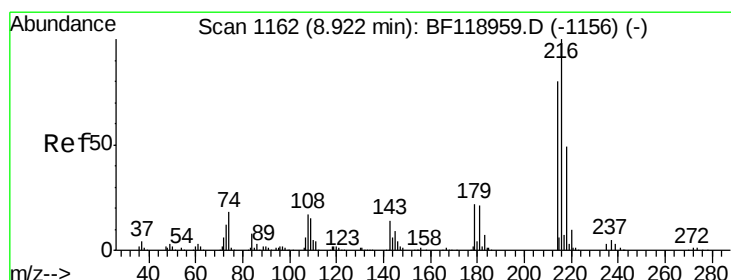
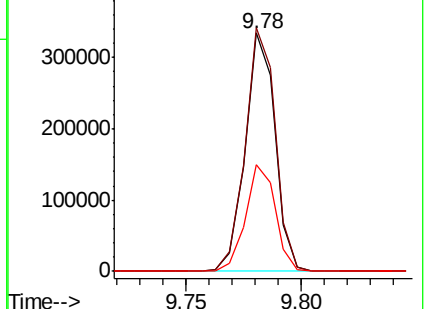
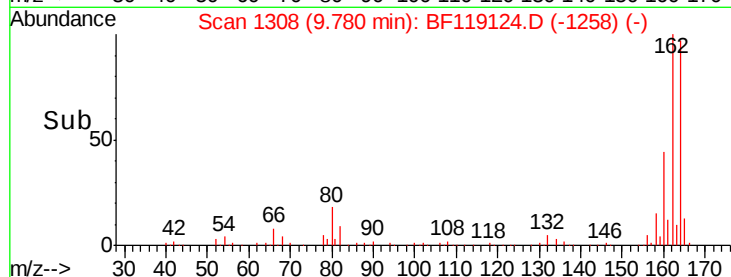
160 45.1 36.0 54.0



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: 42.593 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:216 Resp: 434172

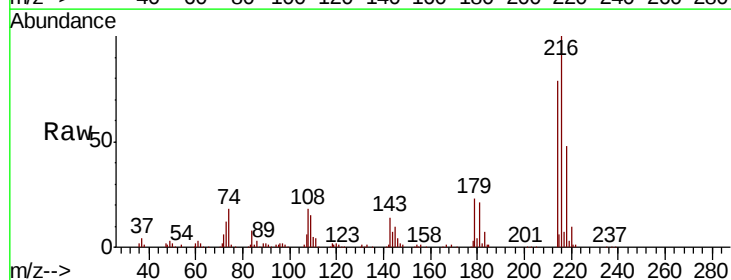
Ion Ratio Lower Upper

216 100

214 78.5 63.3 94.9

179 21.6 17.7 26.5

108 16.6 13.9 20.9

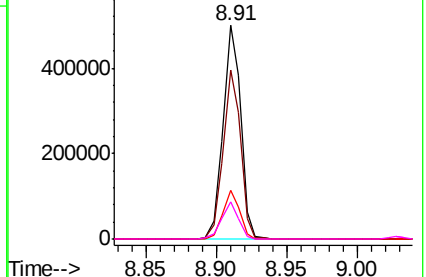
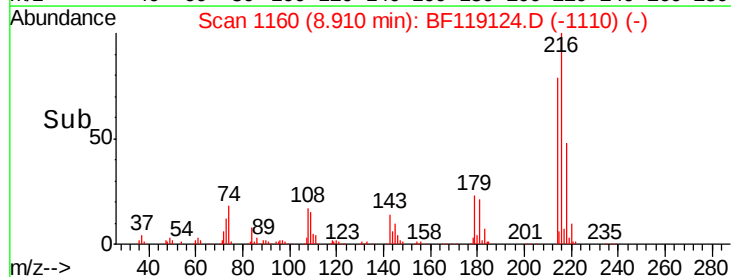


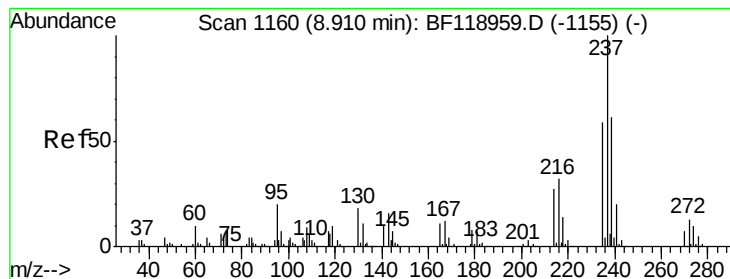
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.731 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

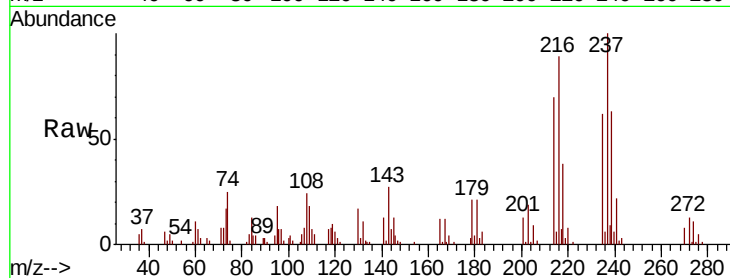
Tot Ion:237 Resp: 35047

Ion Ratio Lower Upper

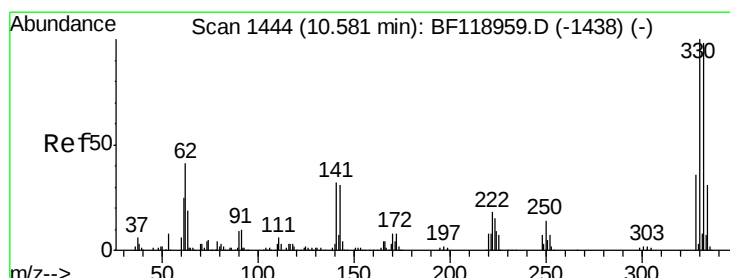
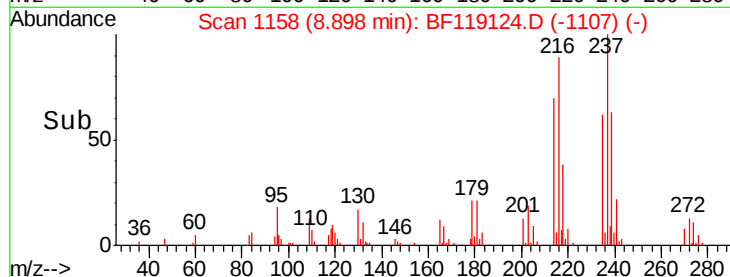
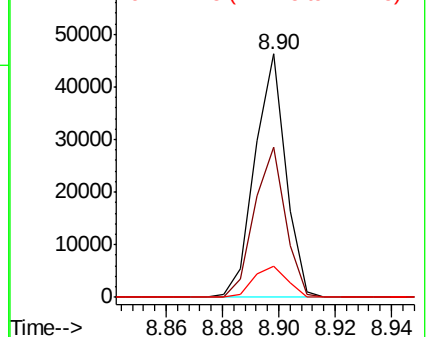
237 100

235 61.9 42.3 82.3

272 12.7 0.0 33.5



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: 72.221 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

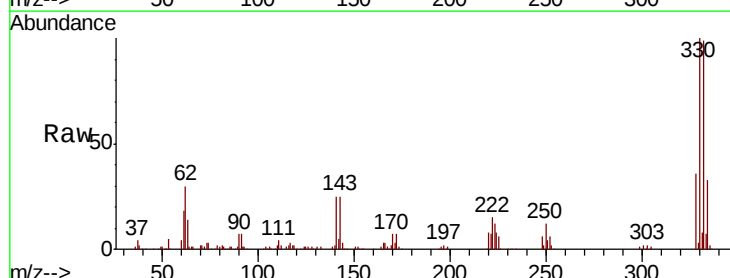
Tgt Ion:330 Resp: 285637

Ion Ratio Lower Upper

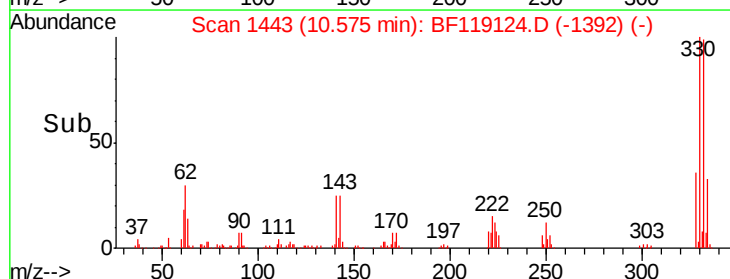
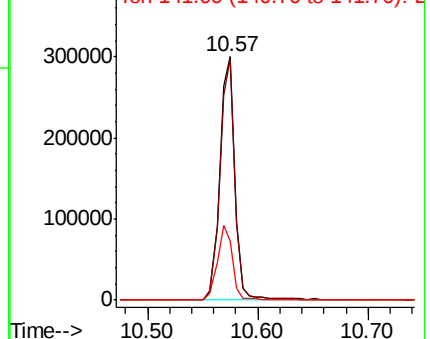
330 100

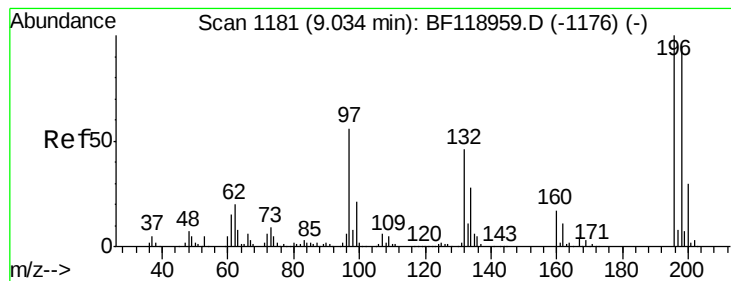
332 97.2 76.0 114.0

141 30.2 22.9 34.3



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

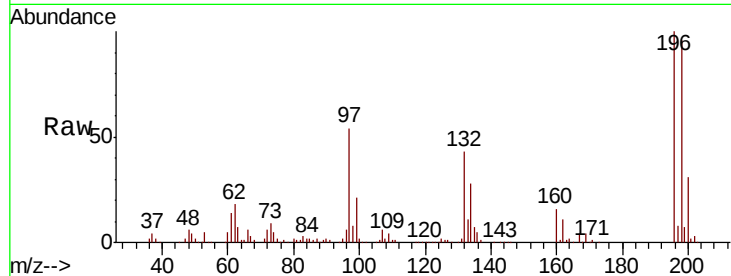




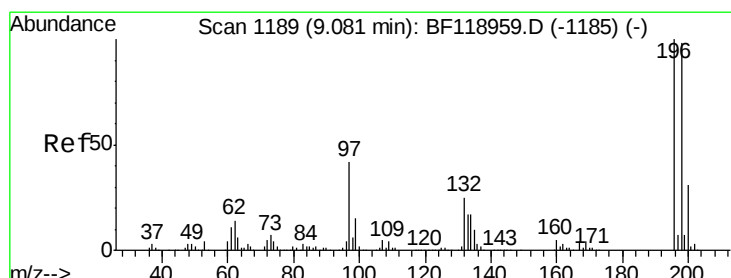
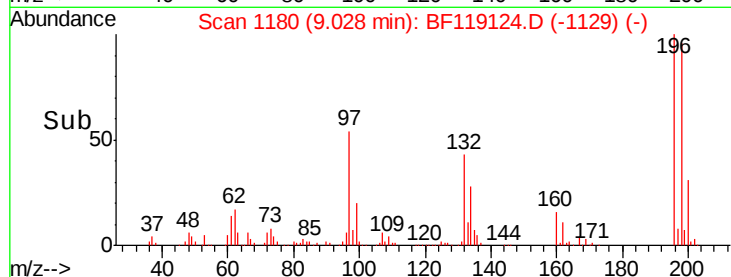
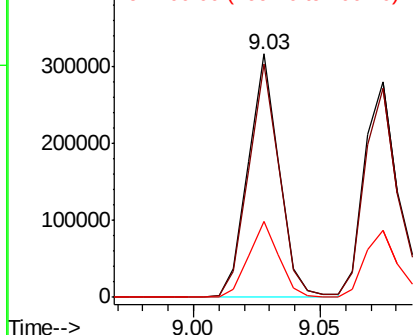
#43
 2,4,6-Trichlorophenol
 Concen: 42.041 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 270622
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 31.2 25.0 37.6

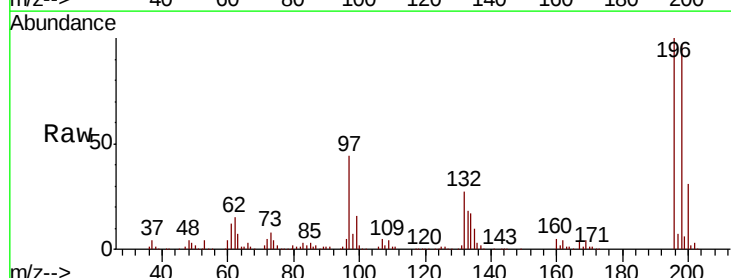


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

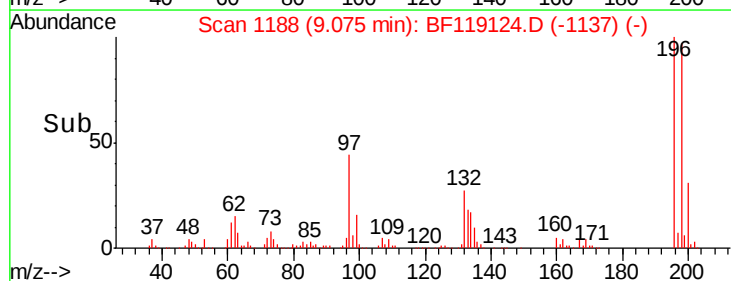
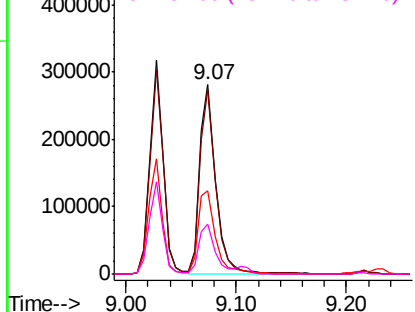


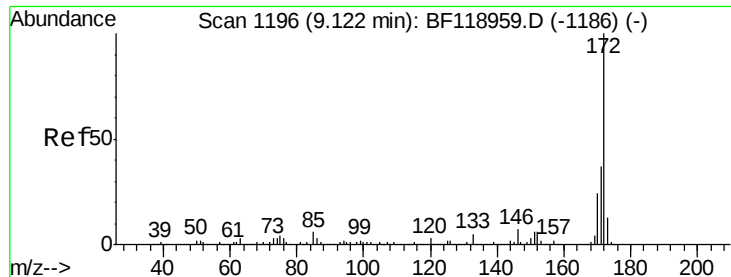
#44
 2,4,5-Trichlorophenol
 Concen: 40.504 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion:196 Resp: 273600
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.8 115.2
 97 44.1 38.5 57.7
 132 26.7 22.2 33.4



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



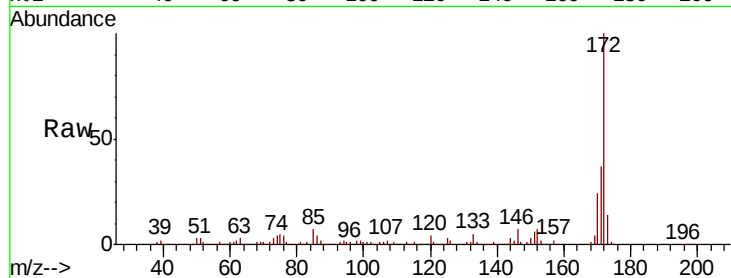


#45
 2-Fluorobiphenyl
 Concen: 83.543 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

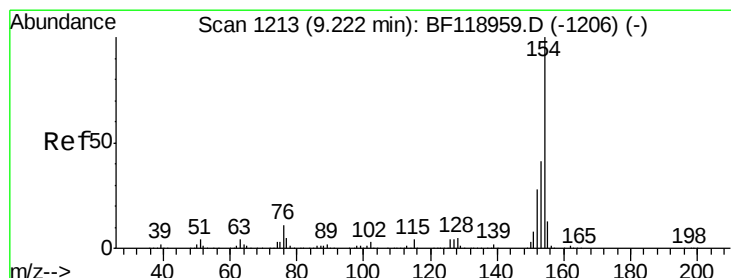
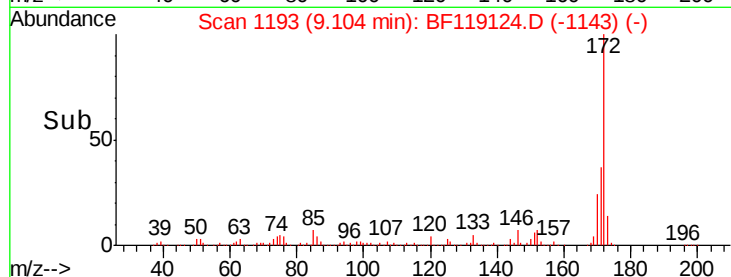
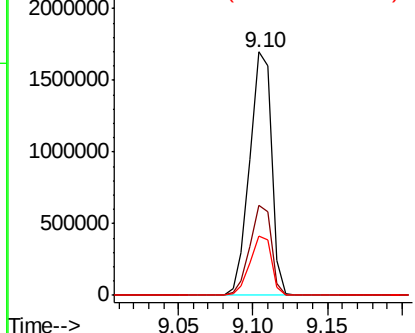
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1714543

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.4	20.2	30.2



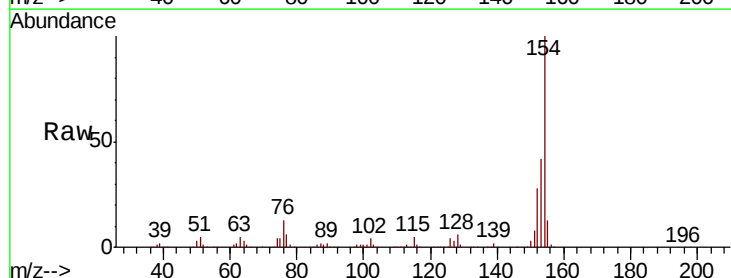
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



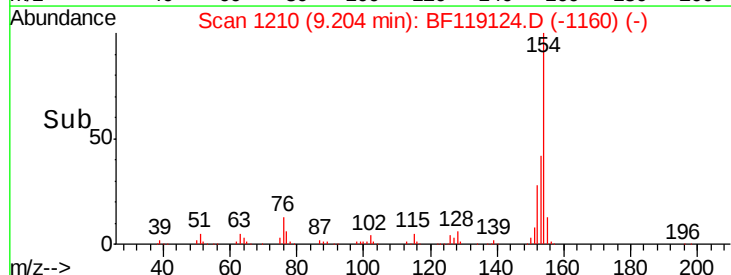
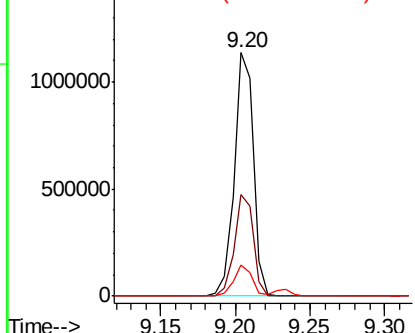
#46
 1,1'-Biphenyl
 Concen: 42.079 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

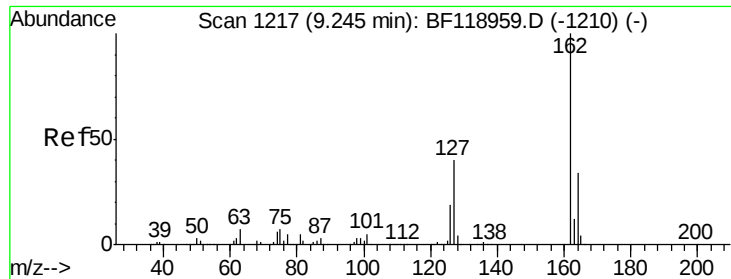
Tgt Ion:154 Resp: 1028208

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	12.7	0.0	32.2



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

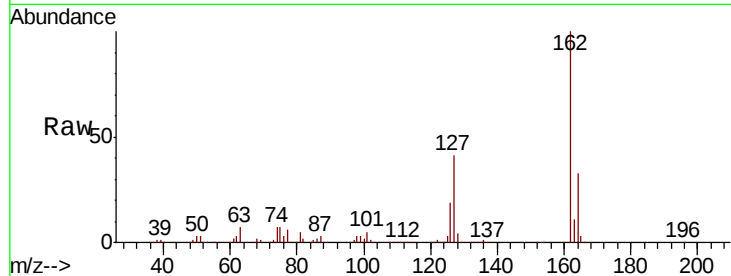




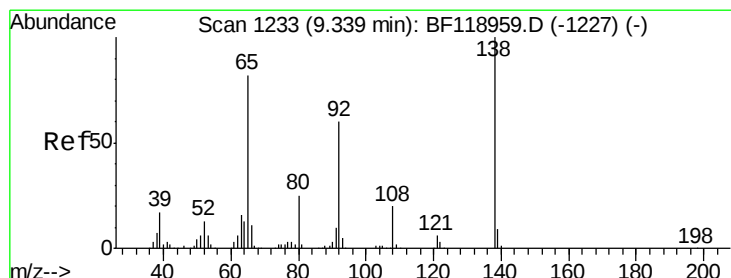
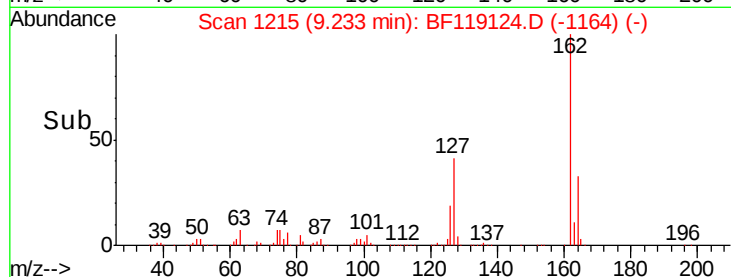
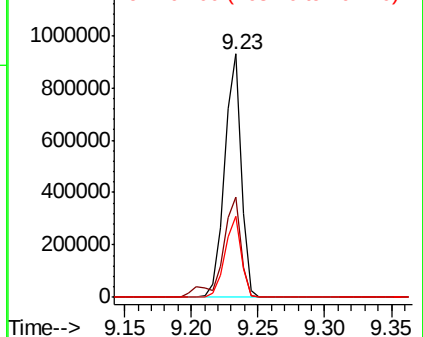
#47
 2-Chloronaphthalene
 Concen: 41.759 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 822263
 Ion Ratio Lower Upper
 162 100
 127 41.2 35.0 52.4
 164 33.5 27.2 40.8

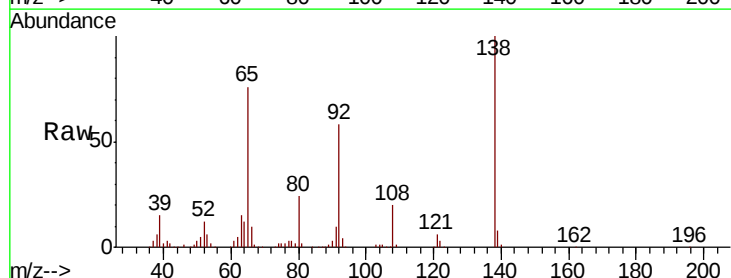


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

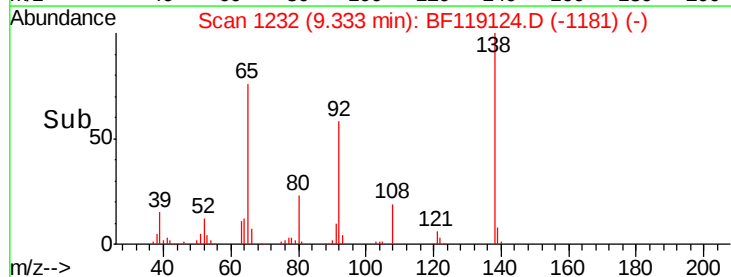
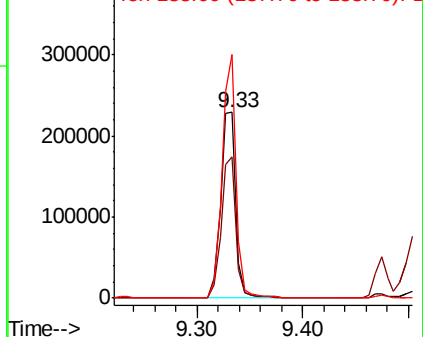


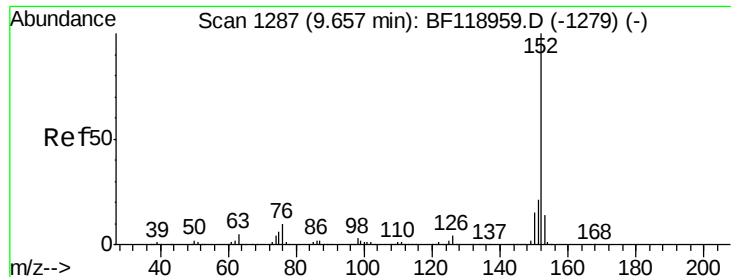
#48
 2-Nitroaniline
 Concen: 42.352 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion: 65 Resp: 232602
 Ion Ratio Lower Upper
 65 100
 92 76.2 58.2 87.2
 138 131.1 95.6 143.4



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: 40.292 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

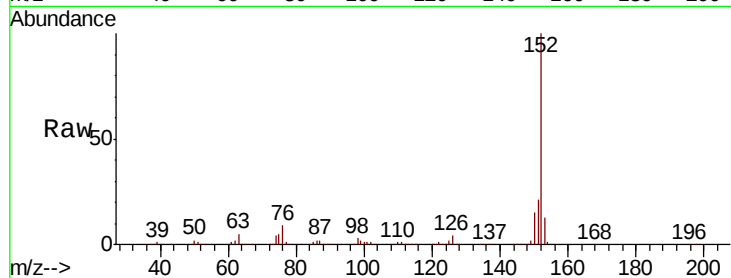
Tot Ion:152 Resp: 1145886

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

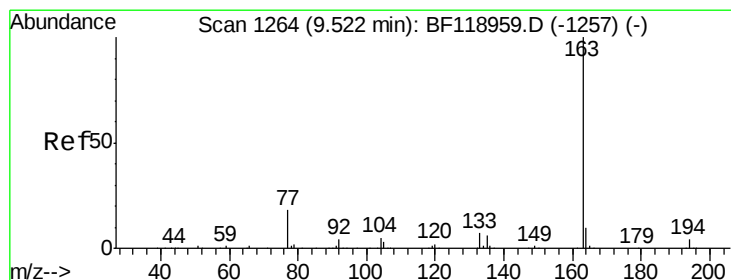
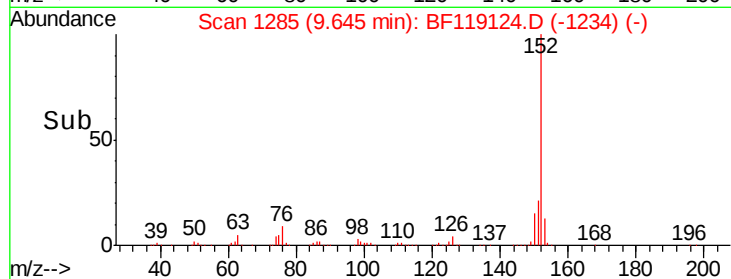
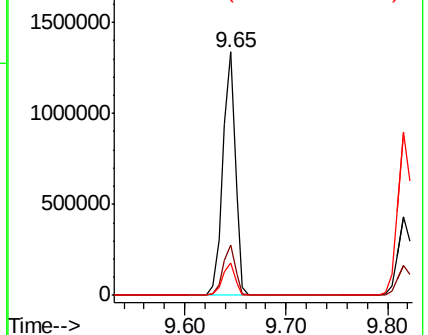
153 13.1 11.0 16.6



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: 41.293 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

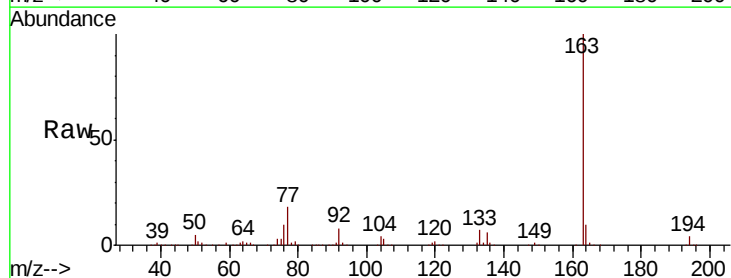
Tgt Ion:163 Resp: 954641

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

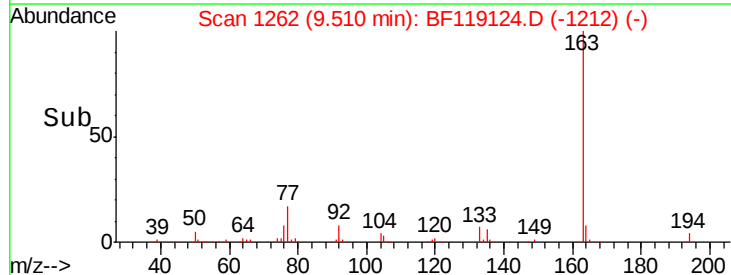
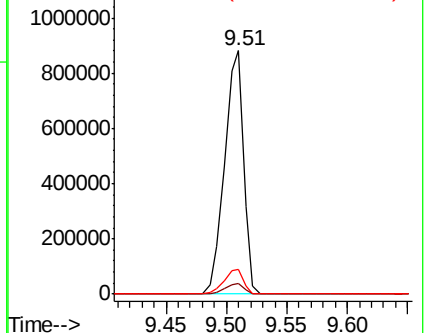
164 10.0 8.4 12.6



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

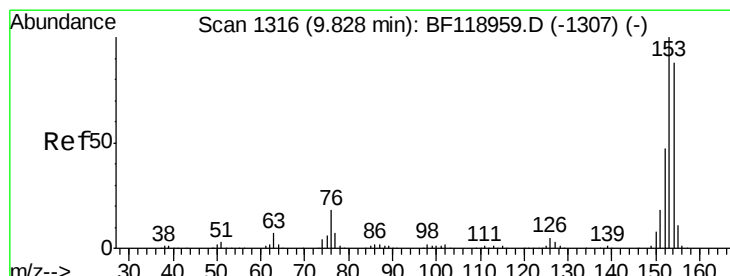
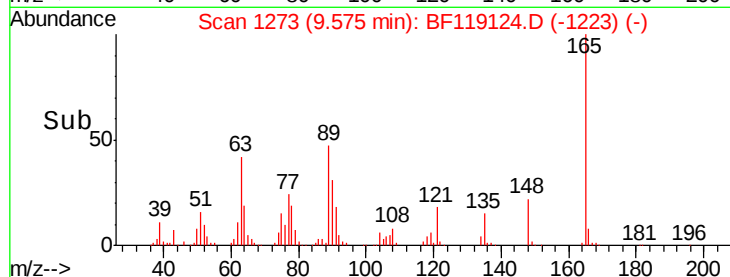
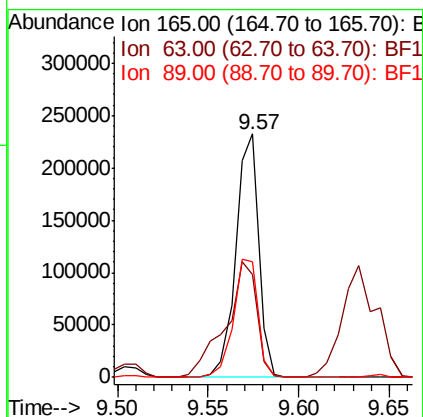
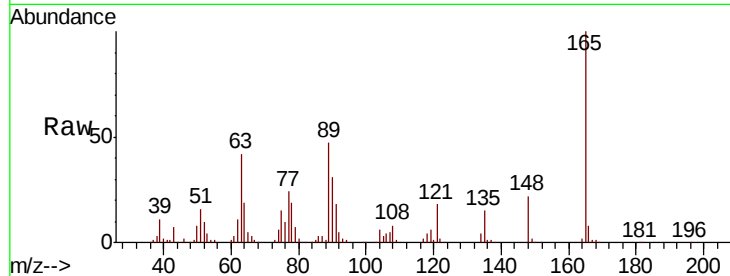




#51
 2,6-Dinitrotoluene
 Concen: 39.692 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

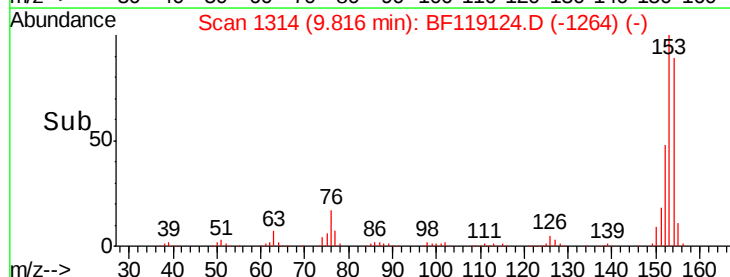
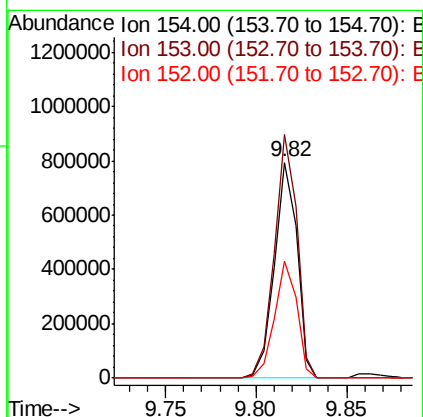
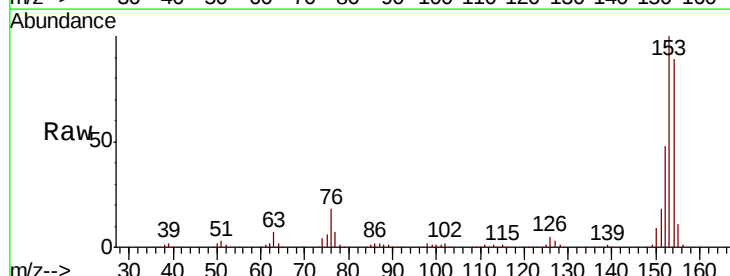
Instrument :
 BNA_F
 ClientSampleId :

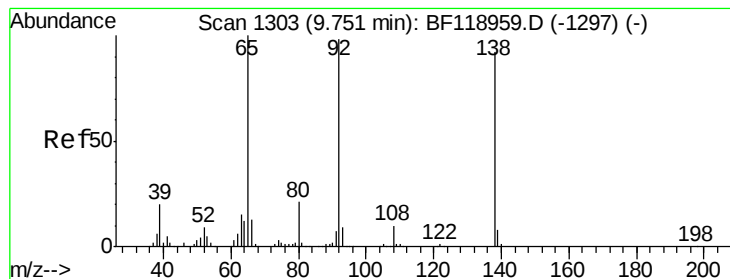
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.3	51.5
89	47.4	38.3	57.5



#52
 Acenaphthene
 Concen: 40.199 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.3	135.5
152	54.3	43.8	65.8





#53

3-Nitroaniline

Concen: 39.096 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

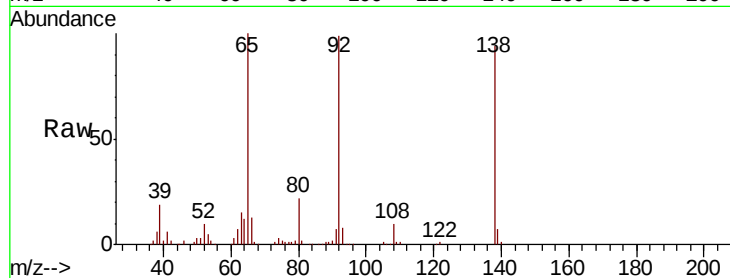
Tot Ion:138 Resp: 222623

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

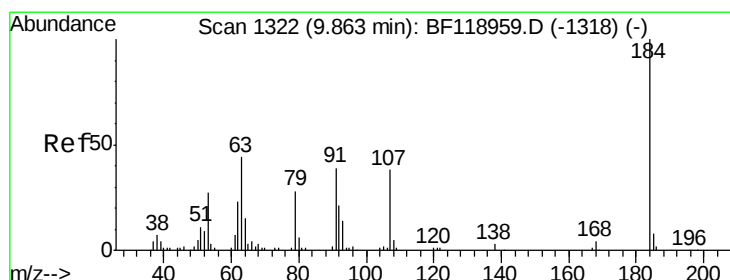
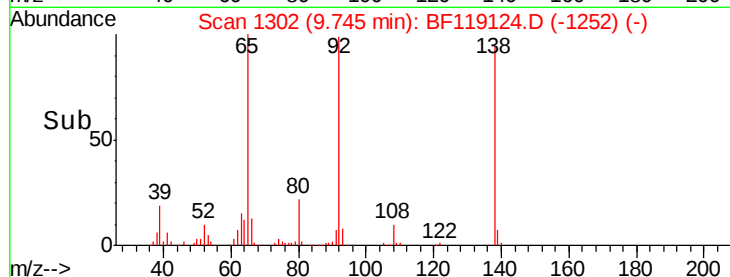
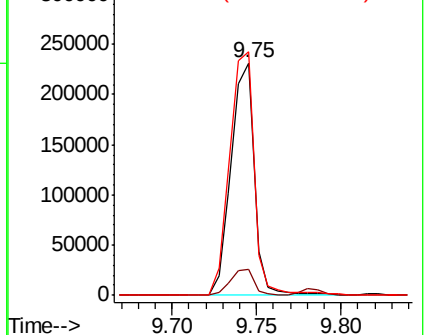
92 104.9 84.8 127.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 18.877 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

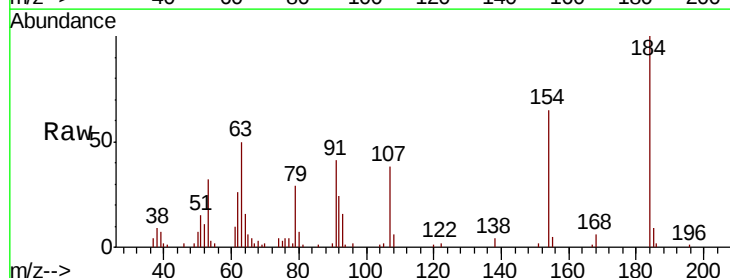
Tgt Ion:184 Resp: 31396

Ion Ratio Lower Upper

184 100

63 50.1 38.7 58.1

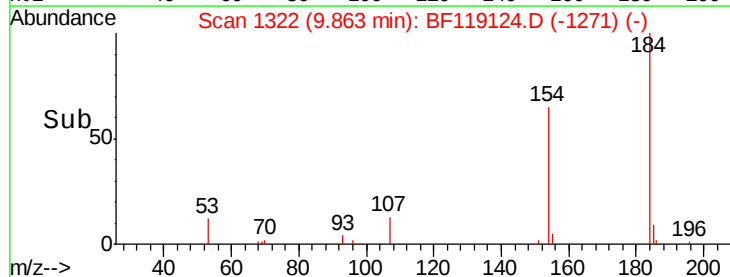
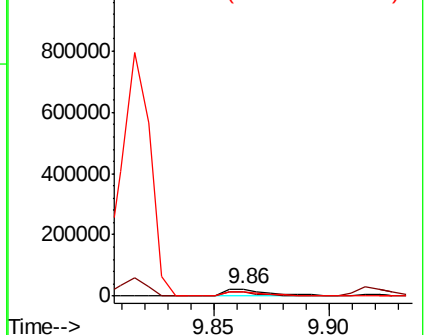
154 65.3 49.7 74.5

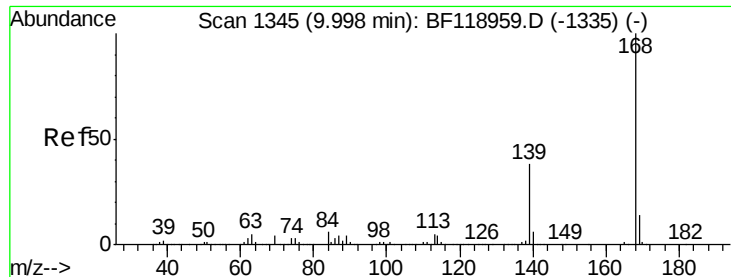


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

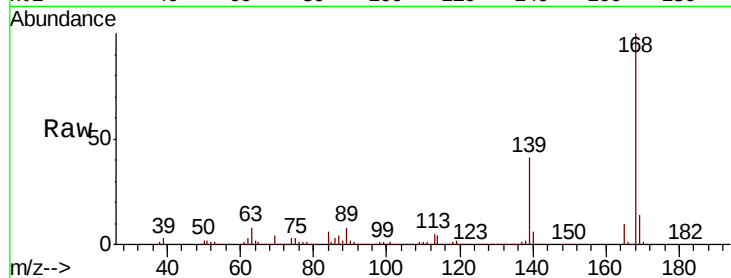




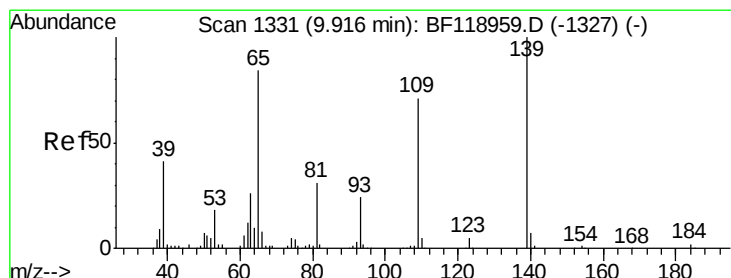
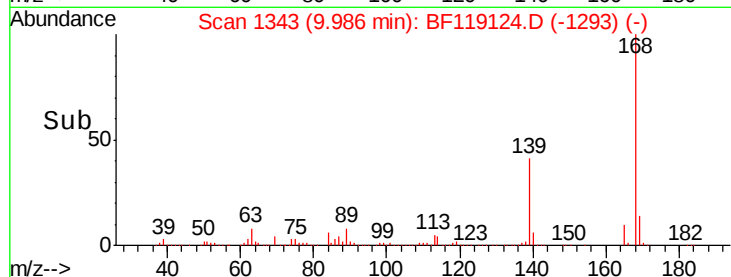
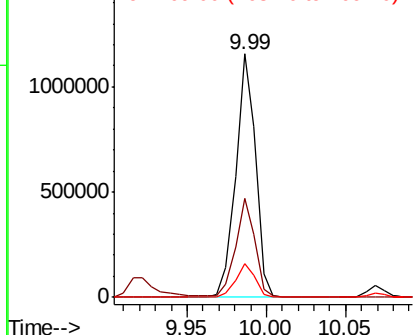
#55
Dibenzofuran
Concen: 39.063 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 999861
Ion Ratio Lower Upper
168 100
139 40.8 34.0 51.0
169 13.7 11.0 16.4

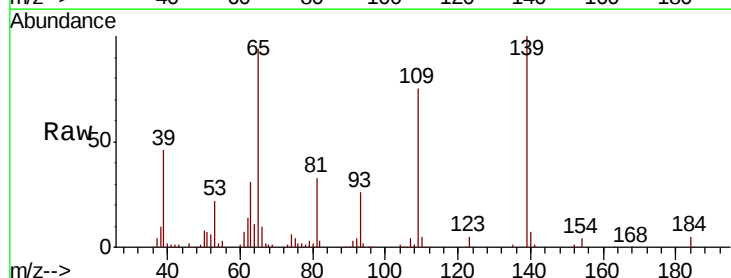


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

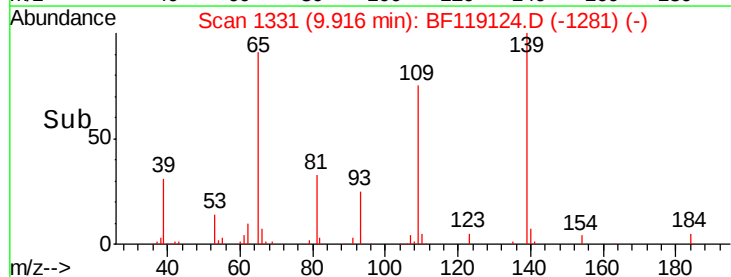
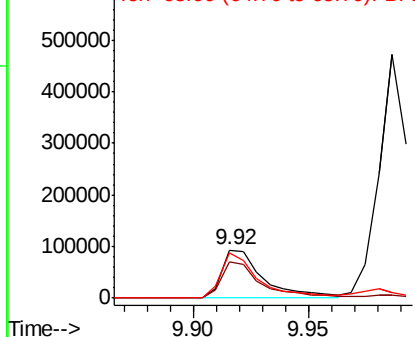


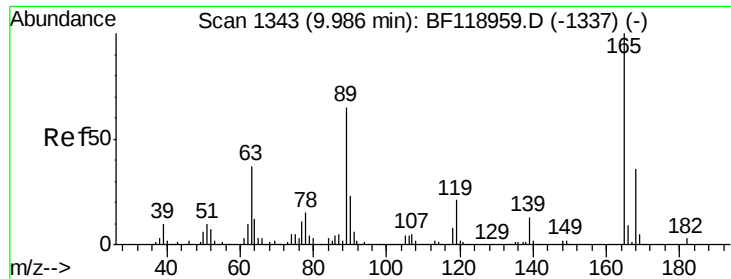
#56
4-Nitrophenol
Concen: 34.276 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:139 Resp: 117267
Ion Ratio Lower Upper
139 100
109 75.1 56.7 96.7
65 93.7 65.0 105.0



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

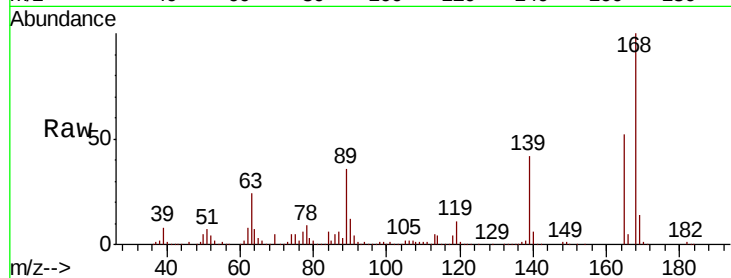




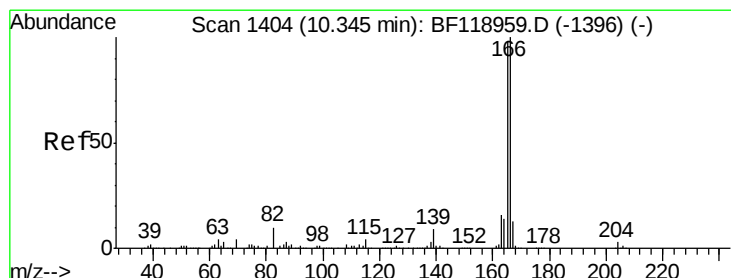
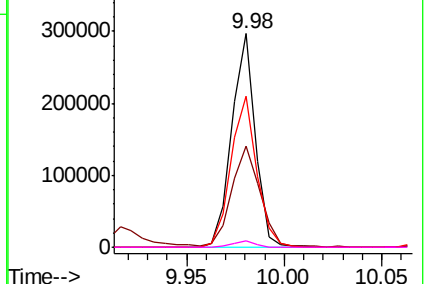
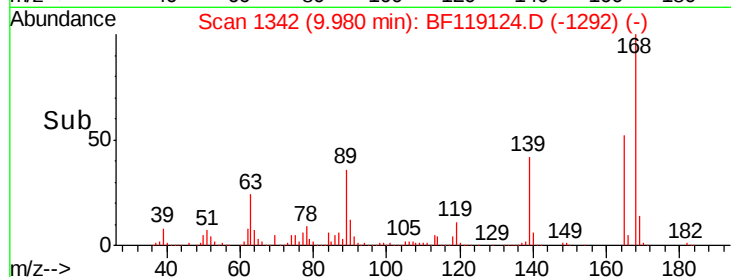
#57
2,4-Dinitrotoluene
Concen: 37.305 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	248365
Ion Ratio	Lower	Upper
165	100	
63	47.1	42.3 63.5
89	70.8	60.2 90.4
182	2.9	2.3 3.5

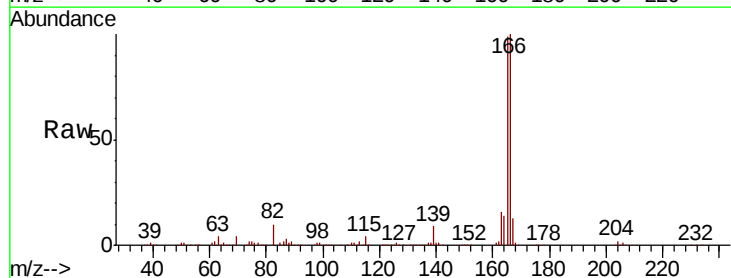


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

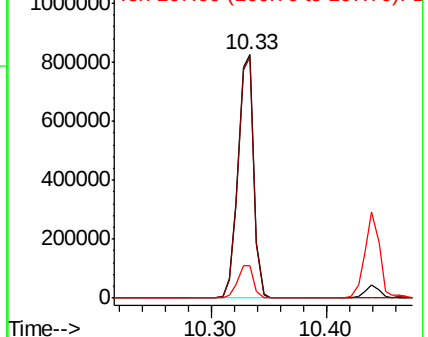
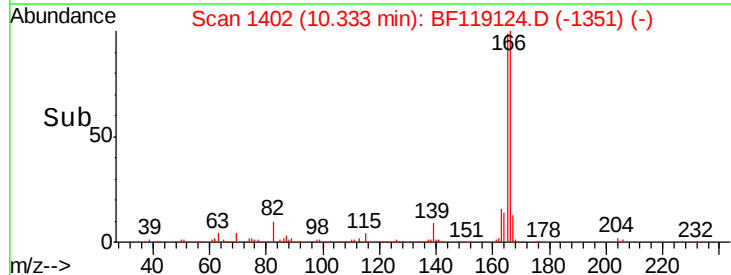


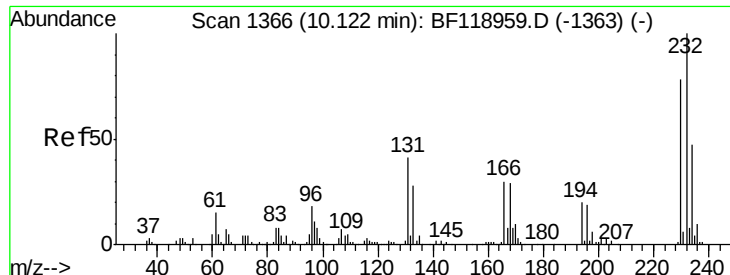
#58
Fluorene
Concen: 39.267 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:166	Resp:	780991
Ion Ratio	Lower	Upper
166	100	
165	98.8	78.5 117.7
167	13.2	11.0 16.4



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

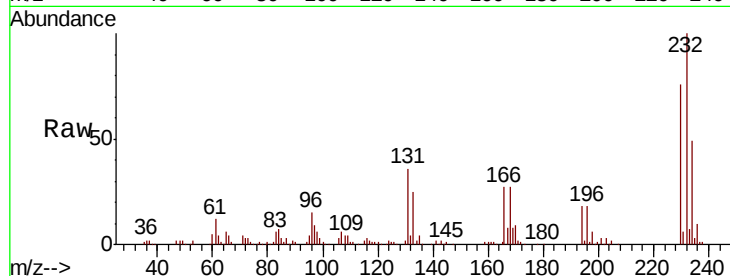




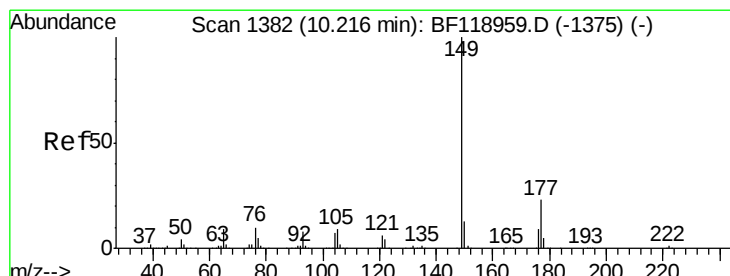
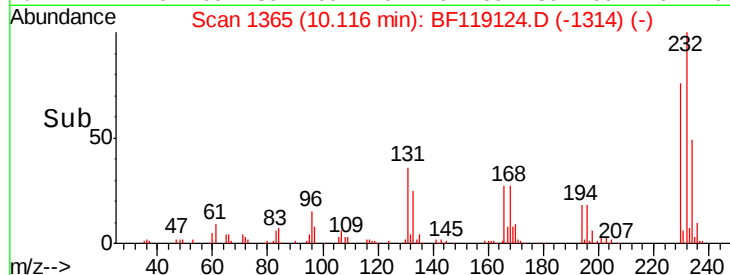
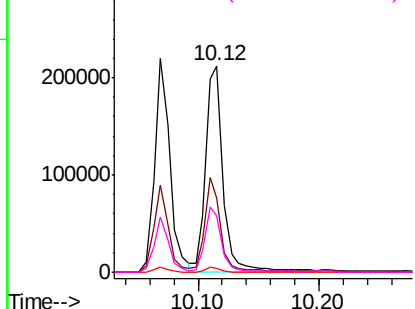
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.186 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	211949
Ion Ratio	Lower	Upper
232 100		
131 40.9	33.8	50.8
130 1.9	1.8	2.6
166 29.5	23.0	34.4

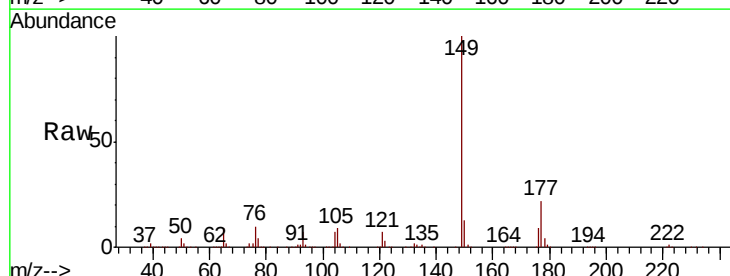


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

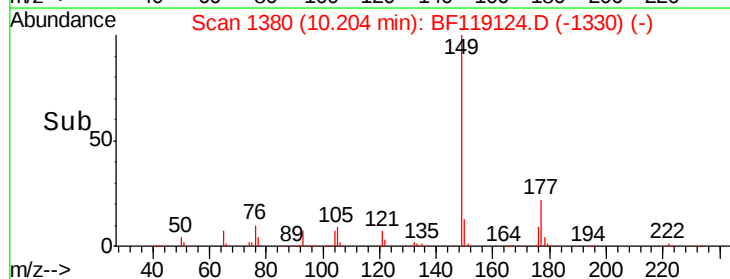
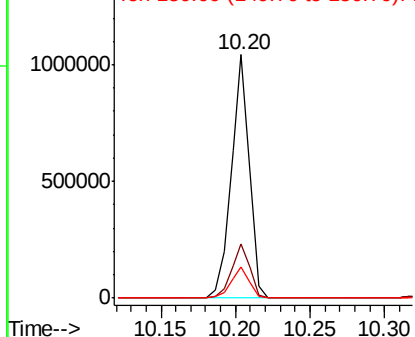


#60
 Diethylphthalate
 Concen: 40.770 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ion:149	Resp:	888256
	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.7	10.5	15.7



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: 39.954 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

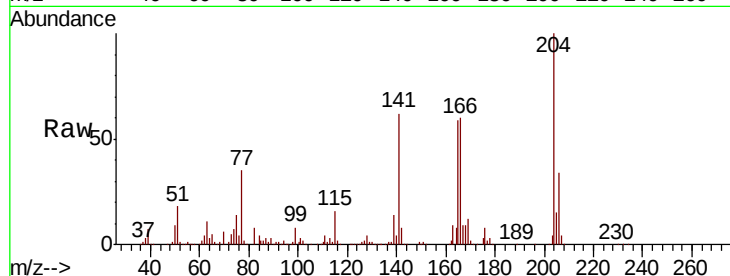
Tot Ion:204 Resp: 420628

Ion Ratio Lower Upper

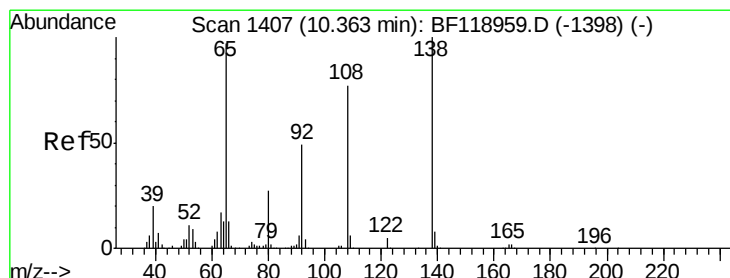
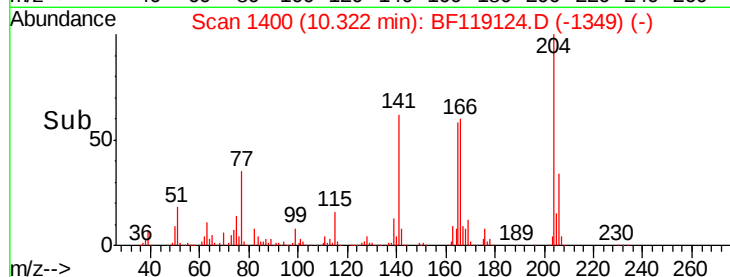
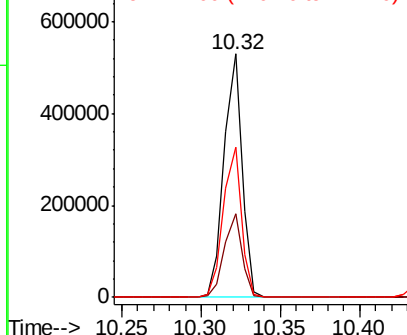
204 100

206 34.3 27.1 40.7

141 61.5 52.9 79.3



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: 37.900 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

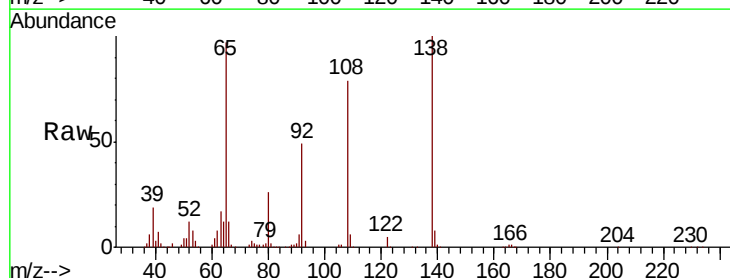
Tgt Ion:138 Resp: 220800

Ion Ratio Lower Upper

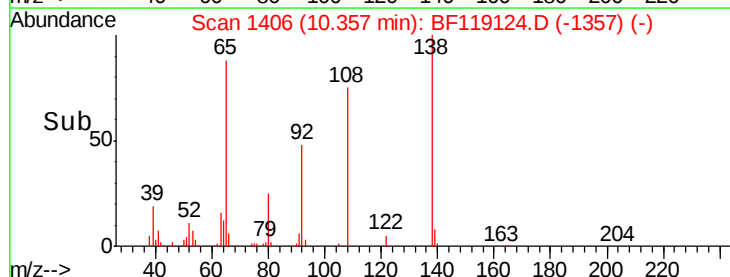
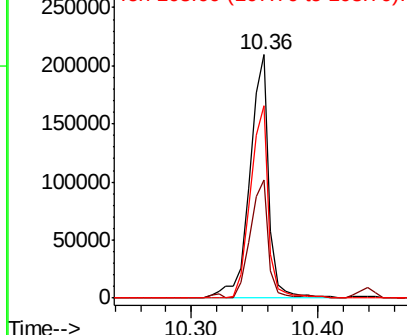
138 100

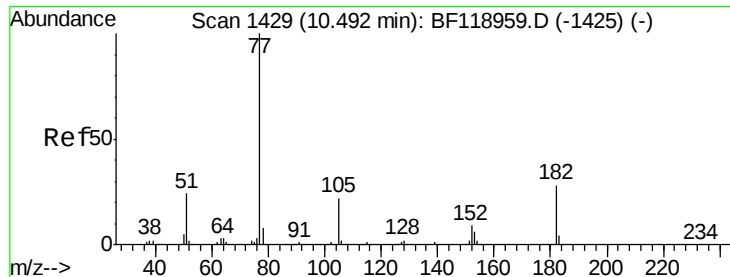
92 48.5 27.3 67.3

108 79.1 57.0 97.0



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





#63

Azobenzene

Concen: 38.500 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 729098

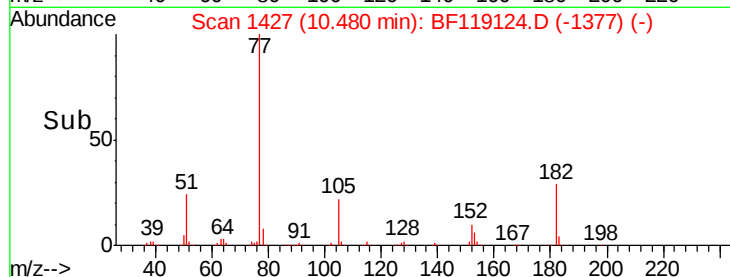
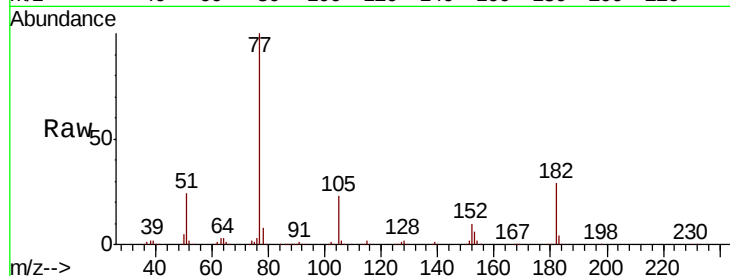
Ion Ratio Lower Upper

77 100

182 28.9 11.4 51.4

105 22.6 3.4 43.4

51 24.1 5.1 45.1

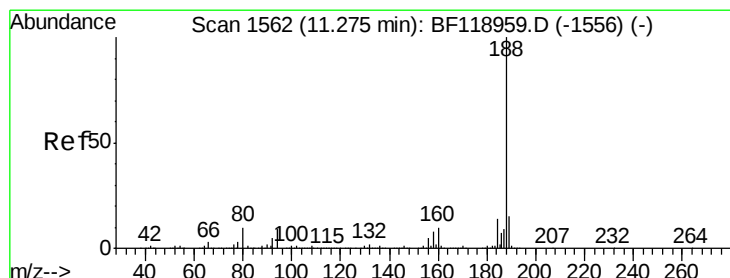
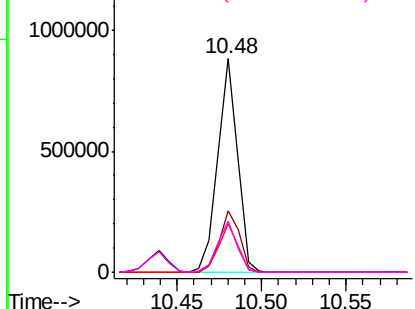


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

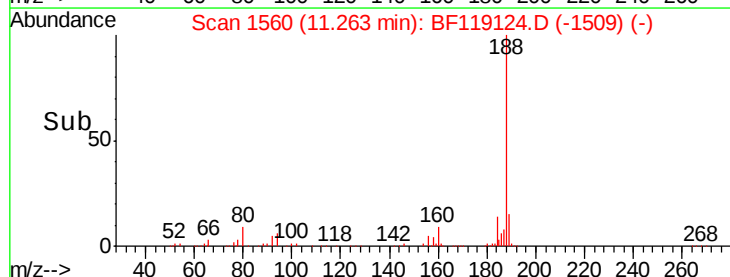
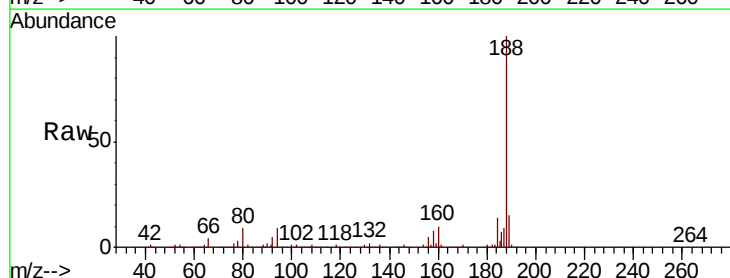
Tgt Ion: 188 Resp: 493209

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

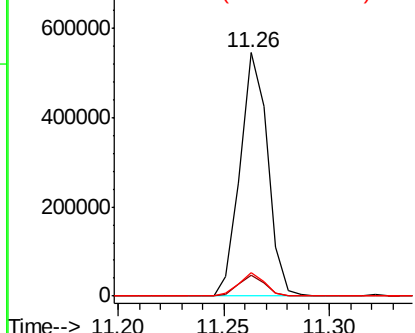
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 20.979 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

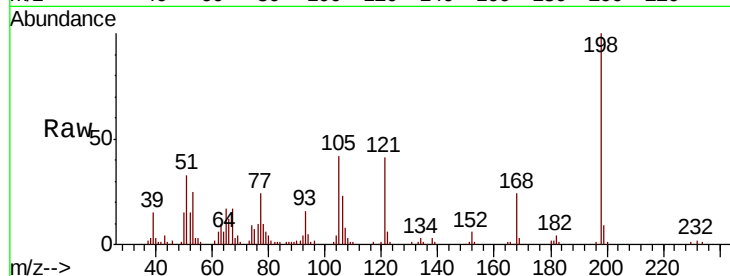
Tot Ion:198 Resp: 62612

Ion Ratio Lower Upper

198 100

51 32.6 14.2 54.2

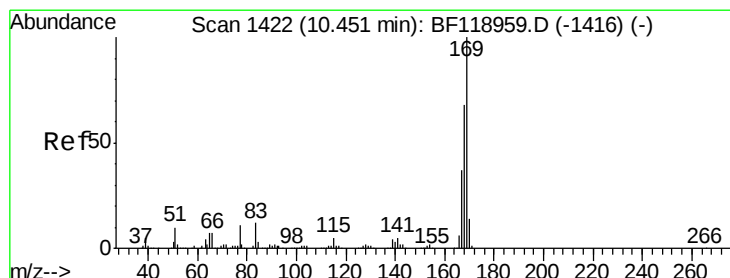
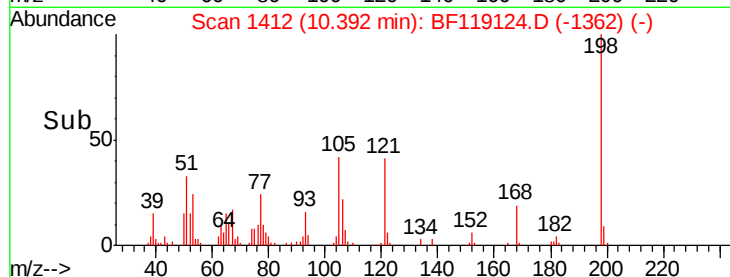
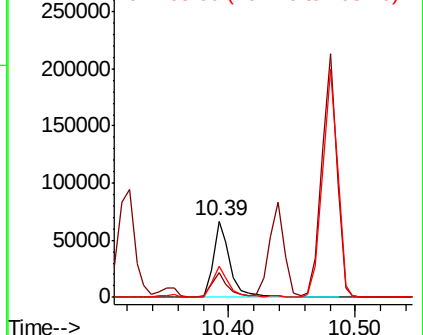
105 41.6 22.7 62.7



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: 43.201 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

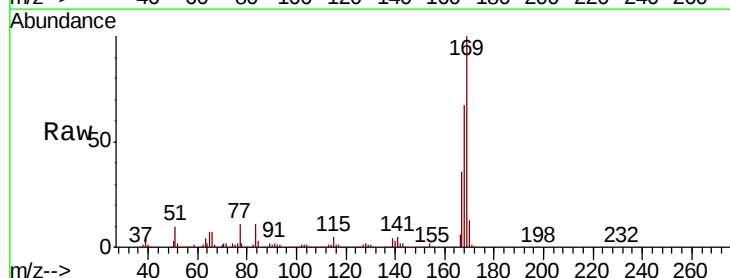
Tgt Ion:169 Resp: 697670

Ion Ratio Lower Upper

169 100

168 66.9 54.1 81.1

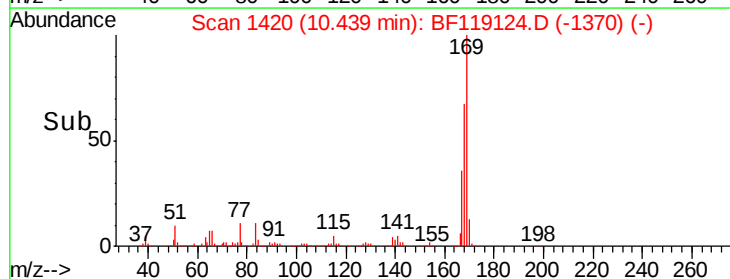
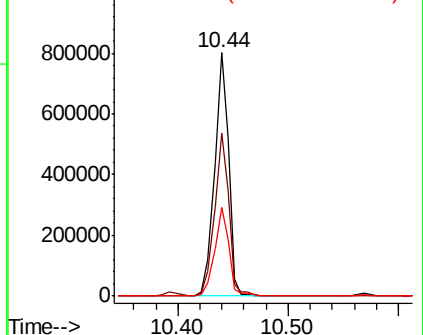
167 36.4 29.4 44.0

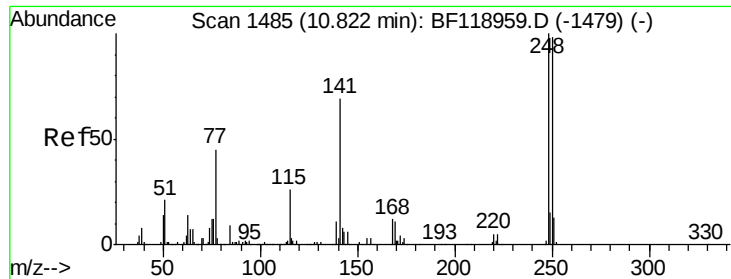


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

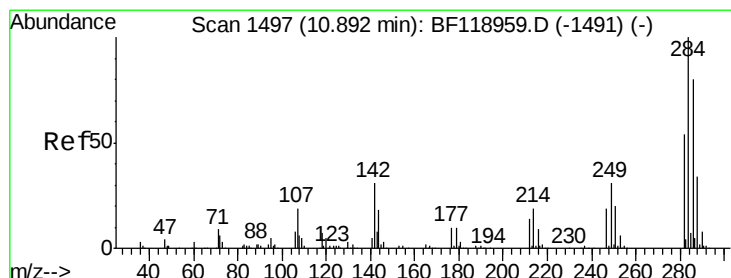
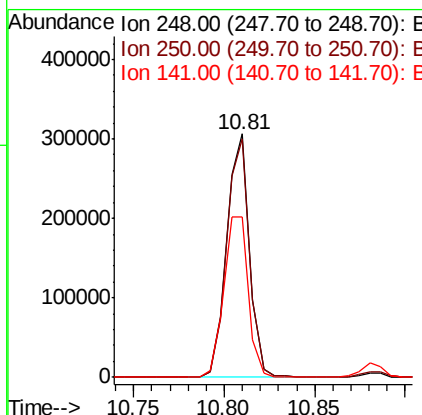
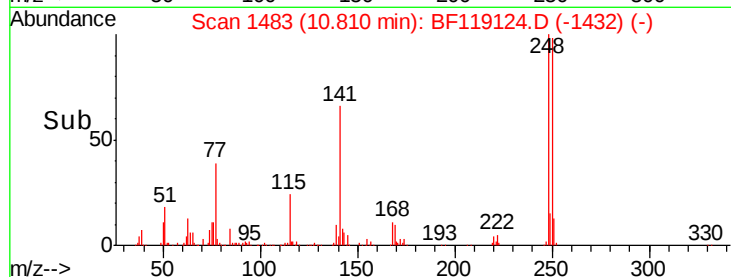
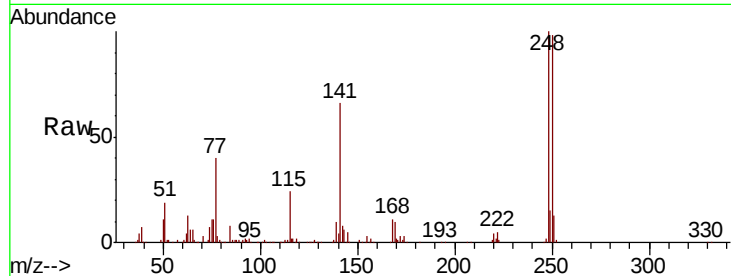




#67
4-Bromophenyl-phenylether
Concen: 41.552 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

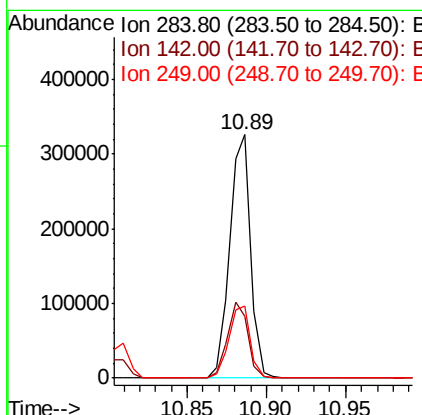
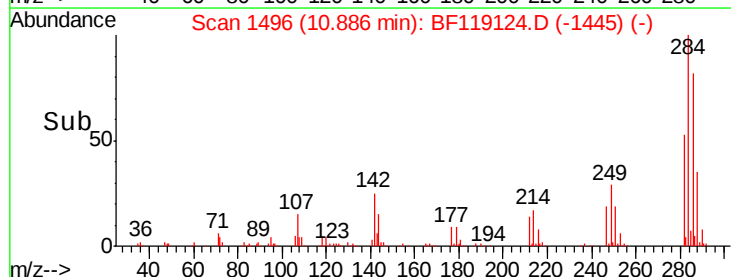
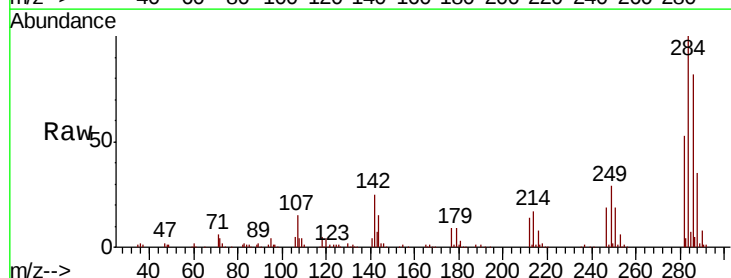
Instrument :
BNA_F
ClientSampleId :

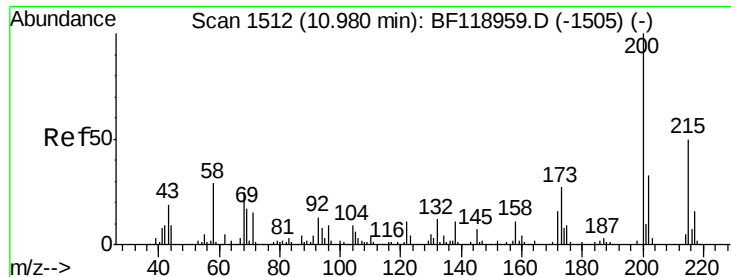
Tot Ion:248 Resp: 267883
Ion Ratio Lower Upper
248 100
250 98.0 76.7 115.1
141 65.9 60.7 91.1



#68
Hexachlorobenzene
Concen: 39.934 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:284 Resp: 296826
Ion Ratio Lower Upper
284 100
142 25.3 23.7 35.5
249 29.4 25.0 37.6

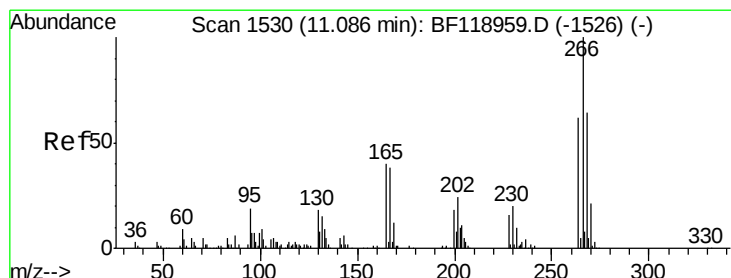
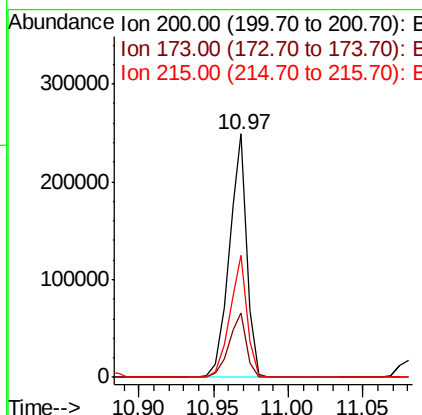
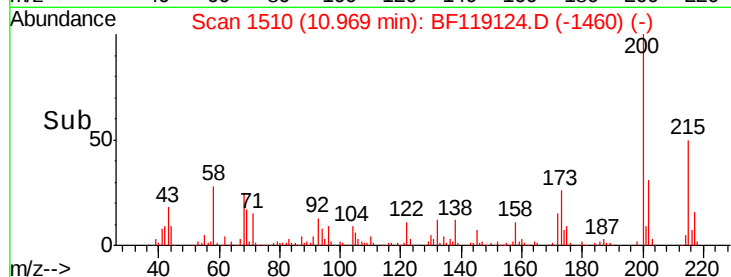
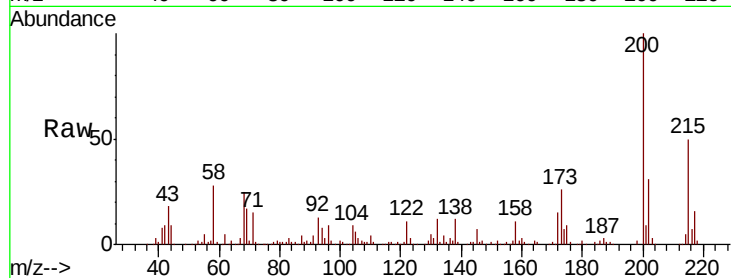




#69
Atrazine
Concen: 36.770 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

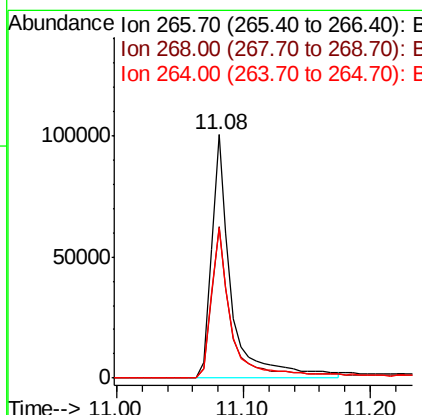
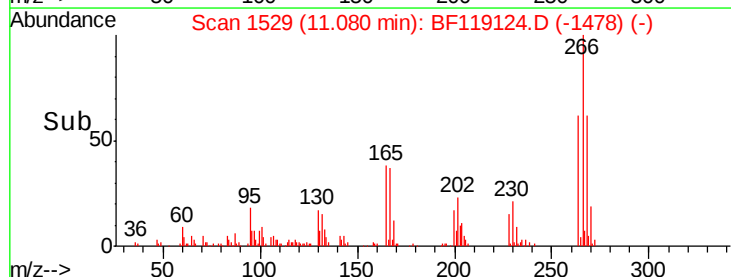
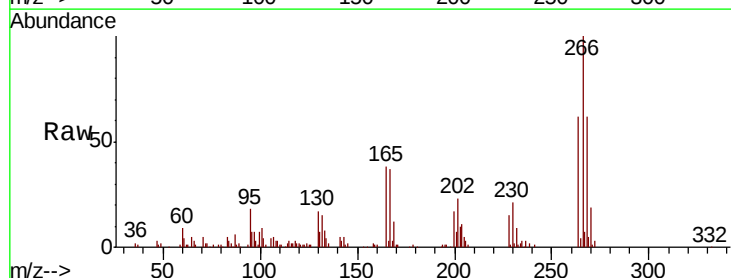
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.4	46.4
215	50.3	27.4	67.4



#70
Pentachlorophenol
Concen: 37.025 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.9	77.9
264	61.6	51.0	76.4





#71

Phenanthrene

Concen: 40.162 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

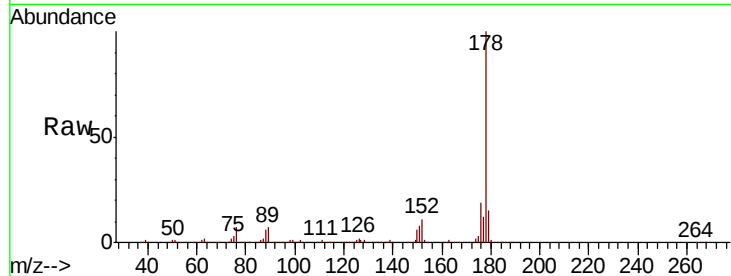
Tot Ion:178 Resp: 1080240

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

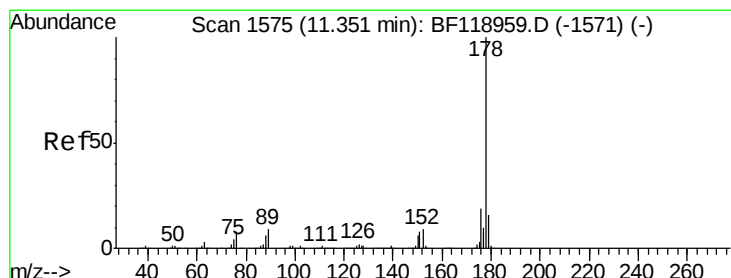
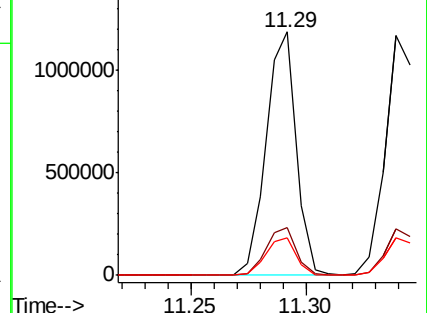
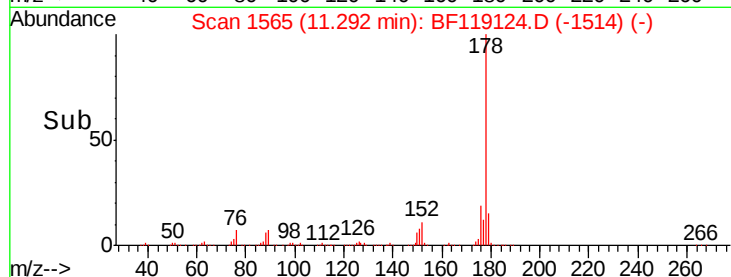
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.434 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

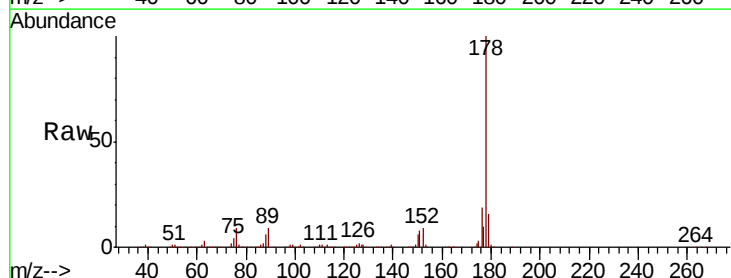
Tgt Ion:178 Resp: 1086662

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

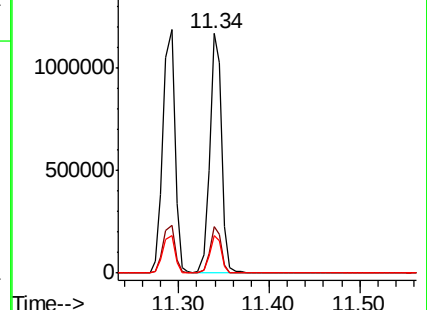
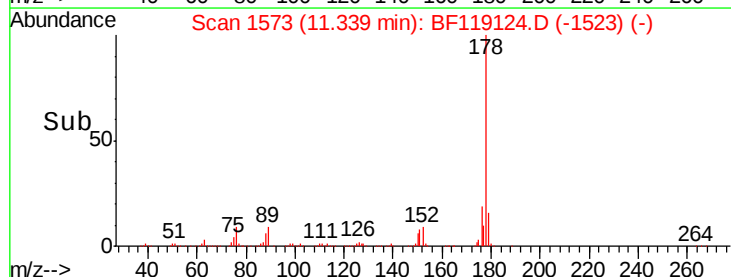
179 15.9 13.1 19.7

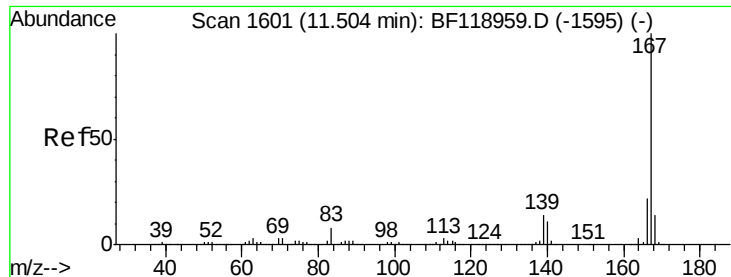


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

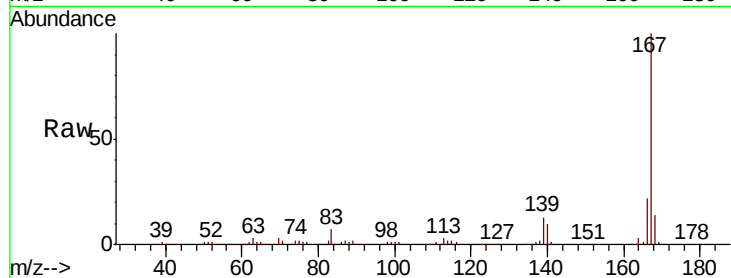




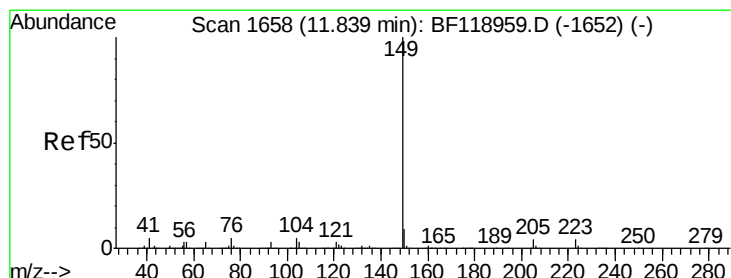
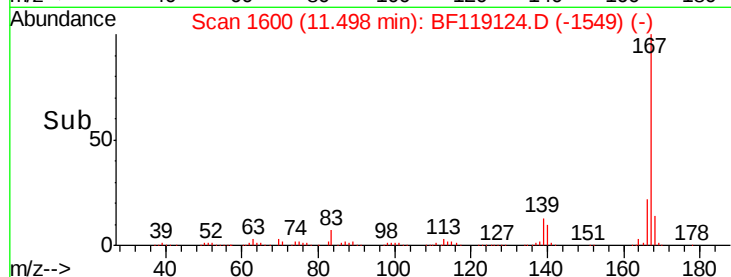
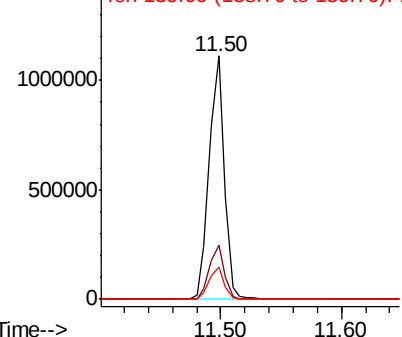
#73
 Carbazole
 Concen: 40.423 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 967803
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 13.2 11.7 17.5

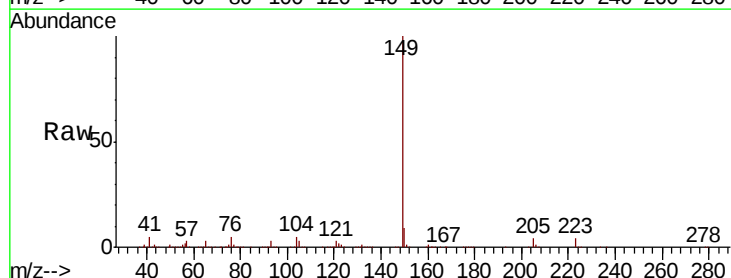


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

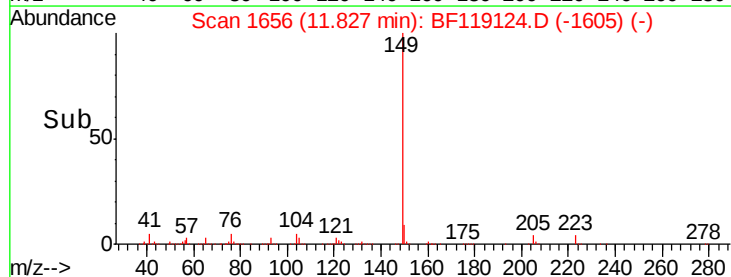
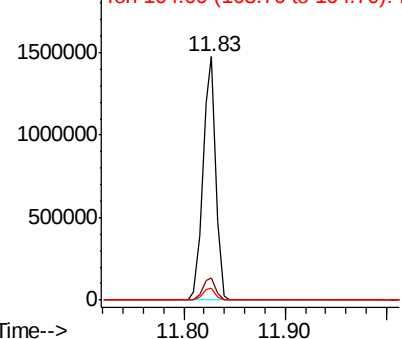


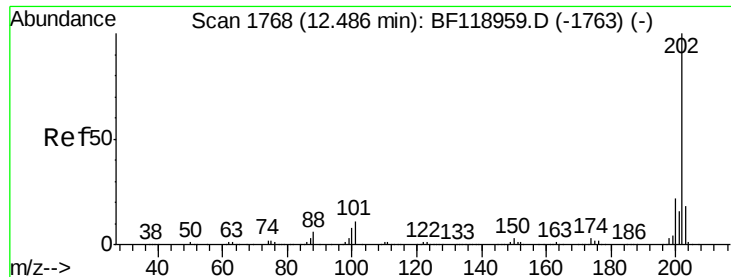
#74
 Di-n-butylphthalate
 Concen: 44.221 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion:149 Resp: 1282144
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

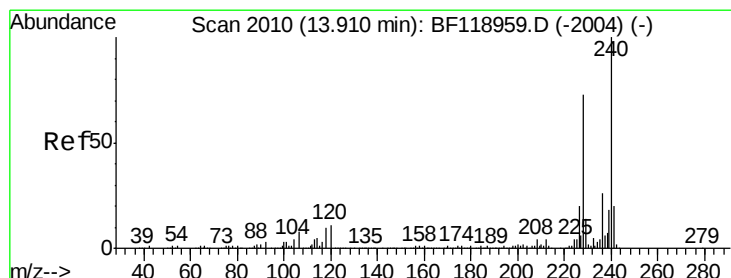
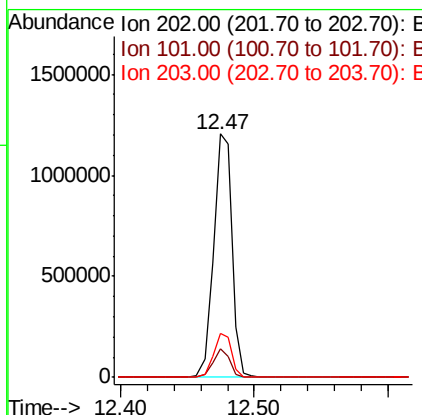
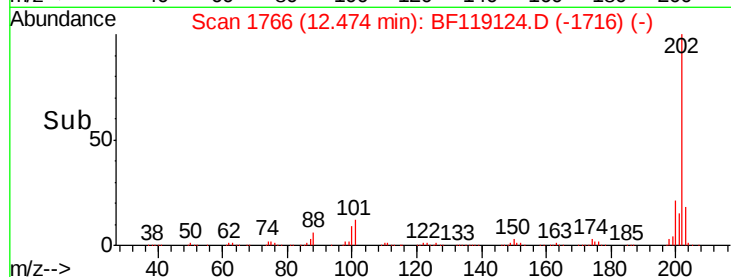
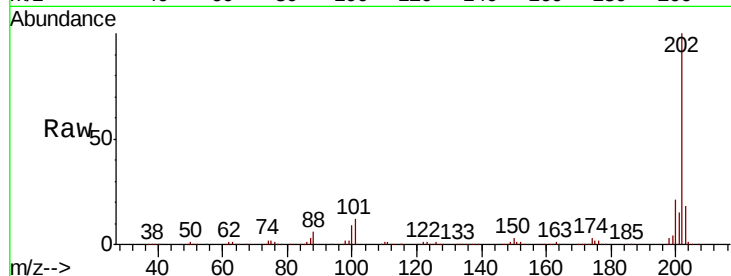




#75
Fluoranthene
Concen: 41.168 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

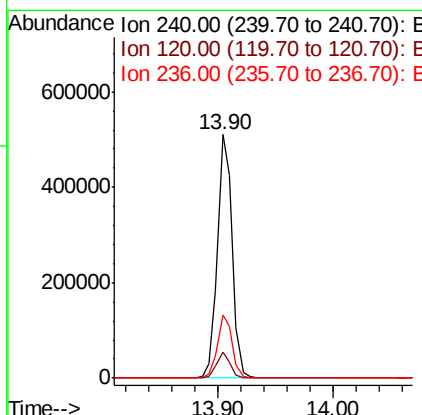
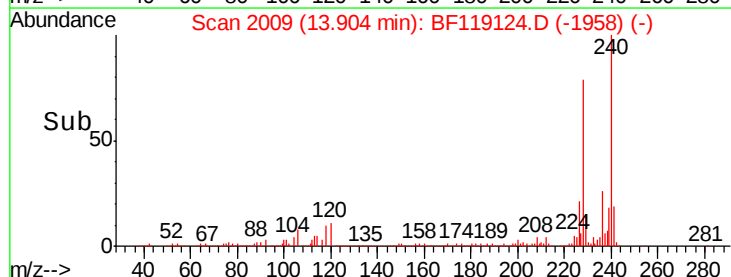
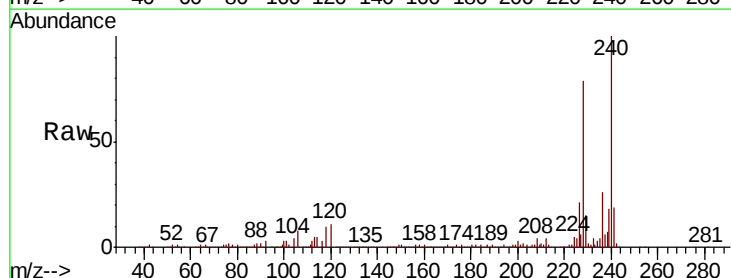
Instrument :
BNA_F
ClientSampleId :

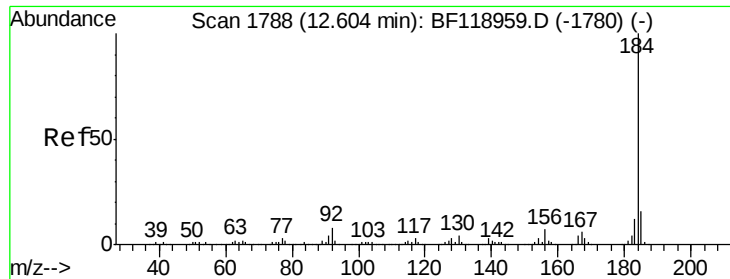
Tot Ion:202 Resp: 1175369
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.3
203 18.0 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:240 Resp: 451651
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.0 21.0 31.4

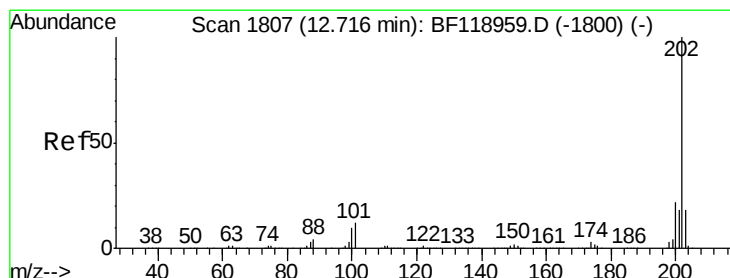
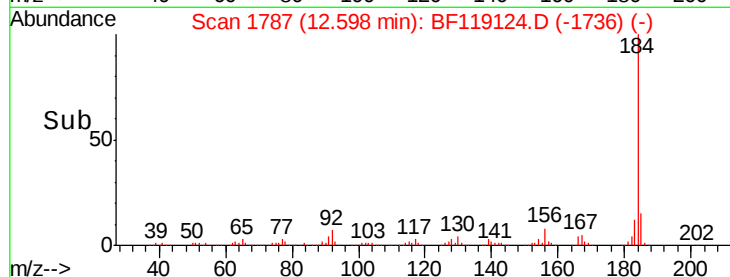
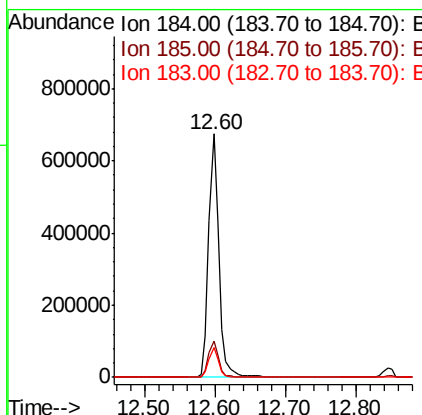
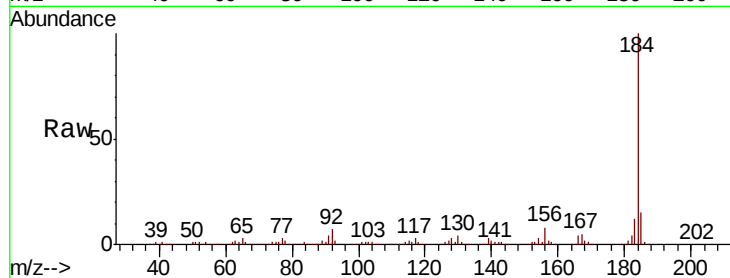




#77
Benzidine
Concen: 37.261 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

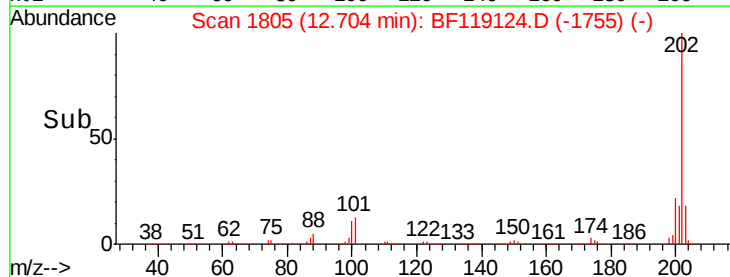
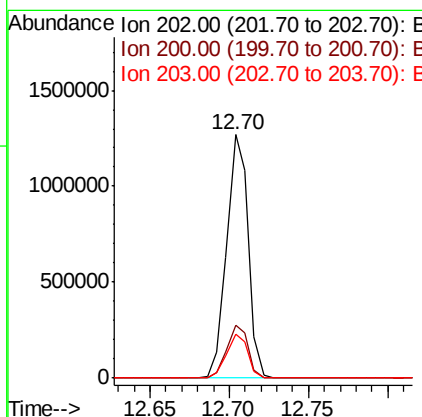
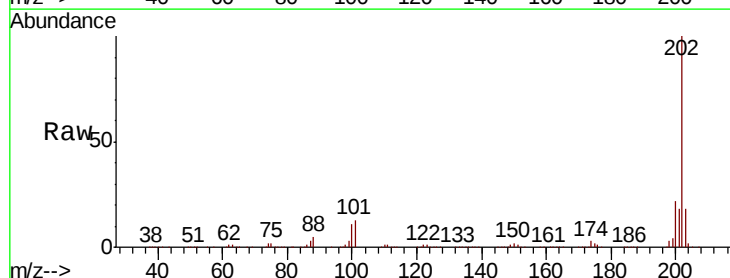
Instrument :
BNA_F
ClientSampled :

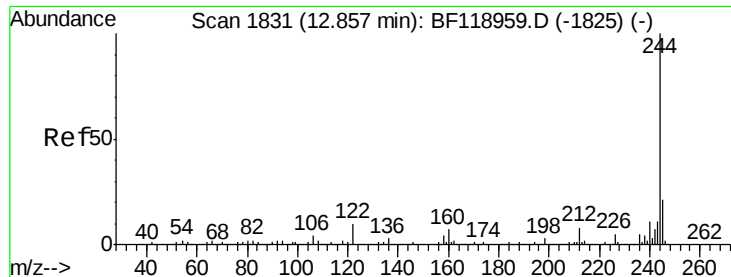
Tot Ion:184 Resp: 684419
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 12.4 9.9 14.9



#78
Pyrene
Concen: 32.936 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:202 Resp: 1194505
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 68.795 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

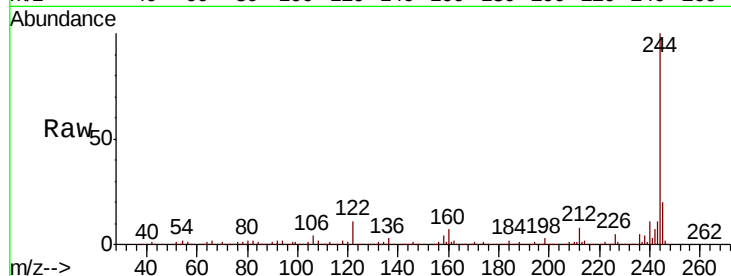
Tot Ion:244 Resp: 1804723

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

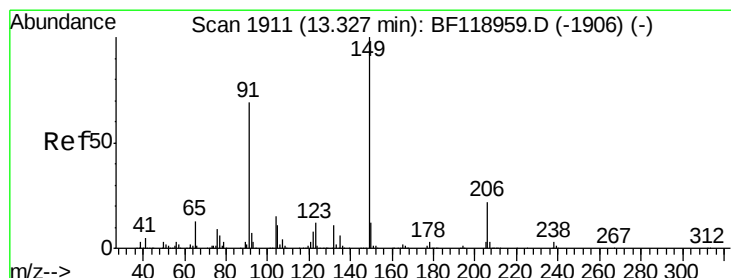
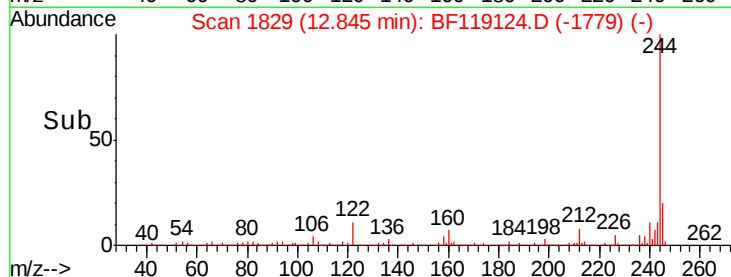
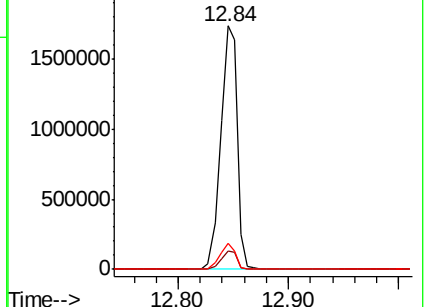
122 10.6 8.2 12.2



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: 36.781 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

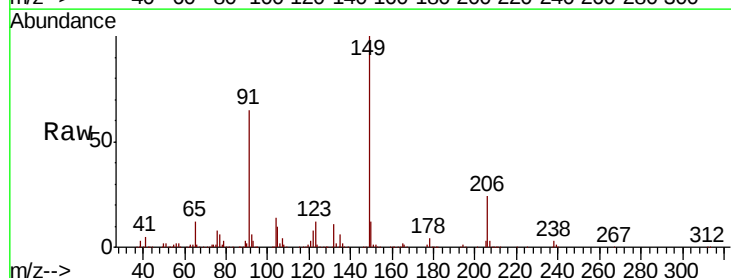
Tgt Ion:149 Resp: 561412

Ion Ratio Lower Upper

149 100

91 64.8 52.3 78.5

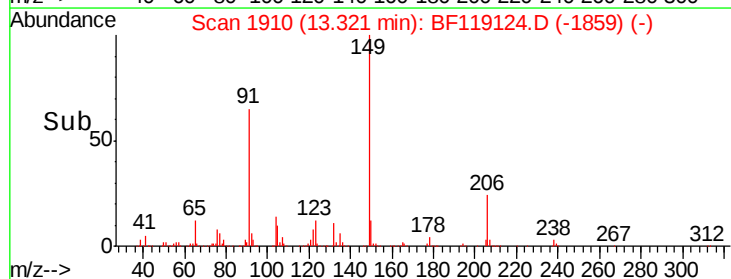
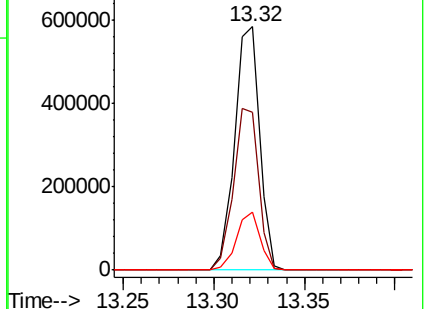
206 23.9 18.5 27.7

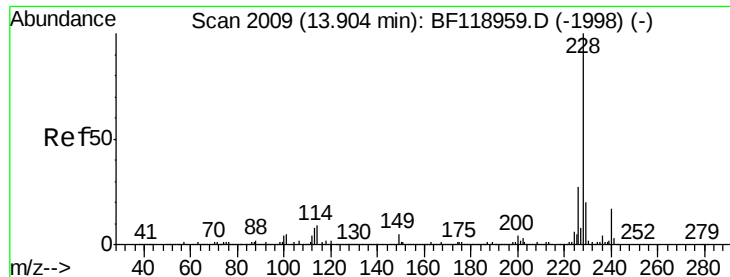


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.090 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

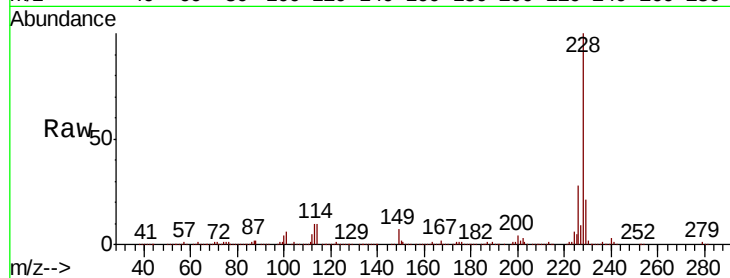
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1233717

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.6	16.6	24.8

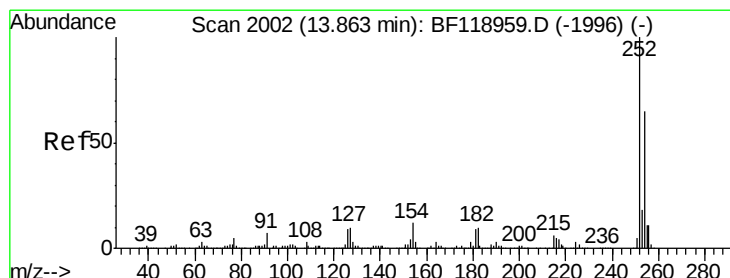
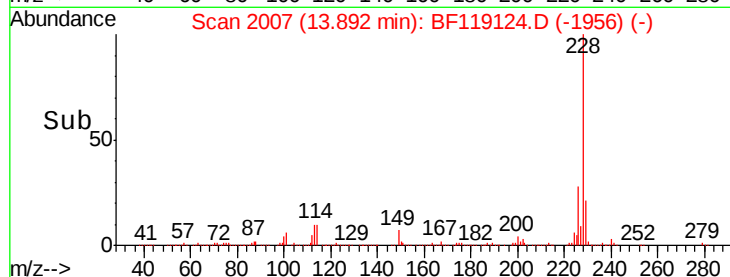
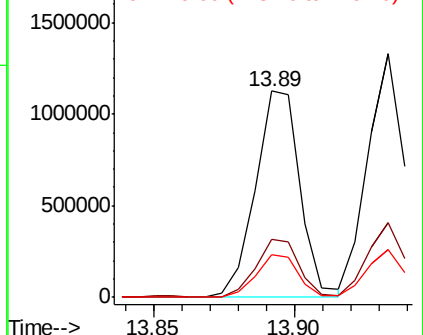


Abundance

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: 42.531 ng

RT: 13.86 min Scan# 2001

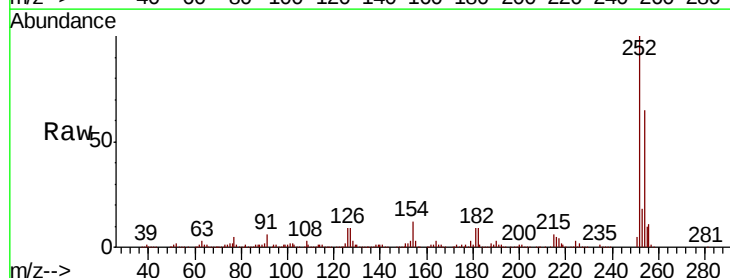
Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:252 Resp: 508231

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.6	77.4
126	8.5	7.4	11.0

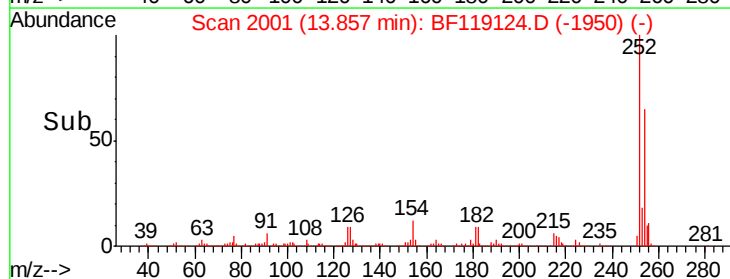
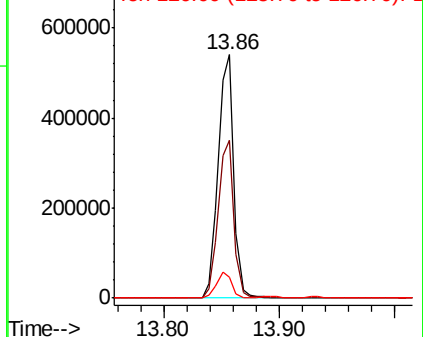


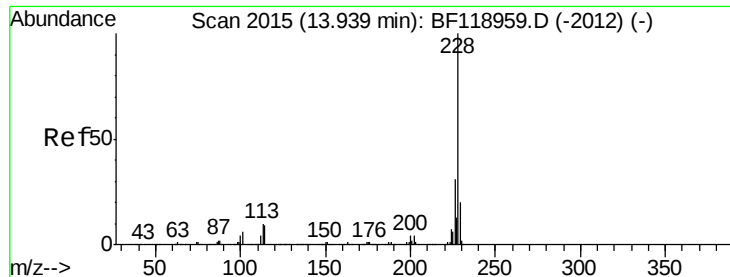
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.666 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

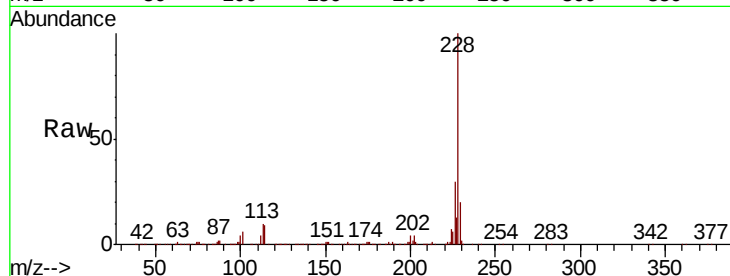
Tot Ion:228 Resp: 1185654

Ion Ratio Lower Upper

228 100

226 30.4 25.1 37.7

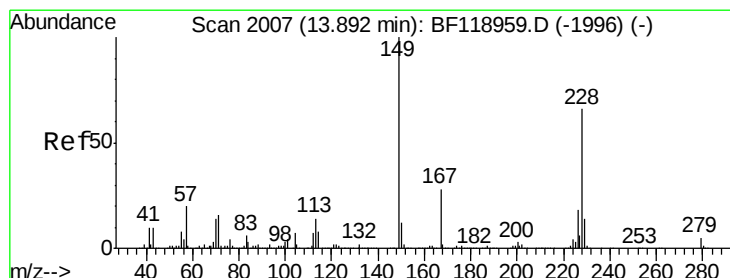
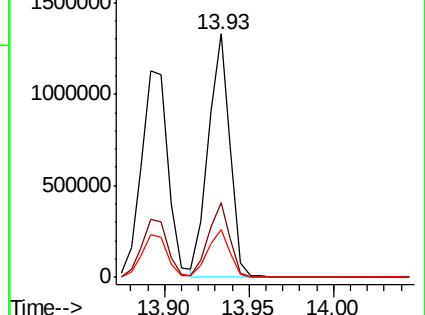
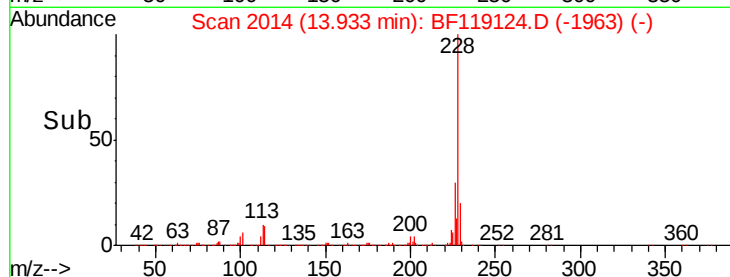
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.929 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

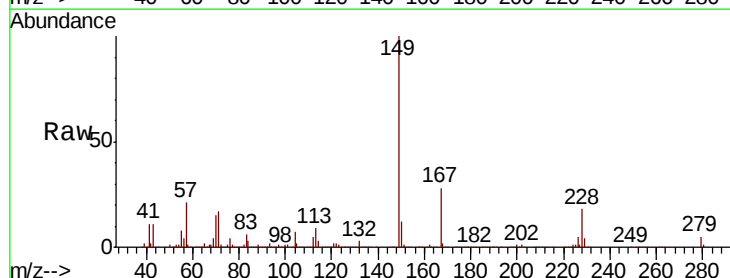
Tgt Ion:149 Resp: 808539

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

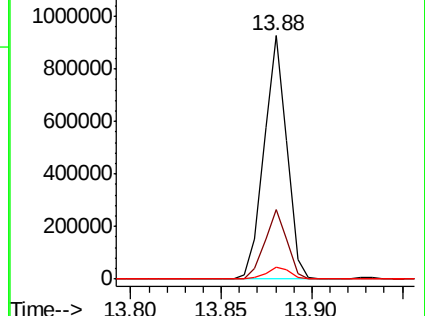
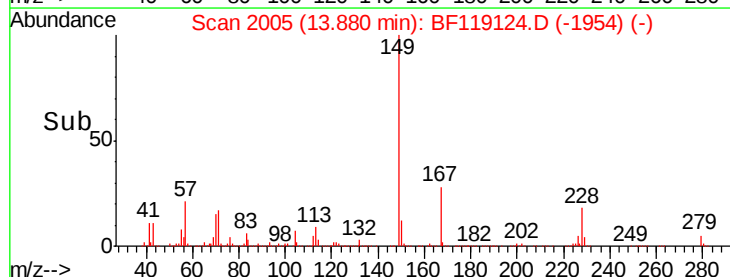
279 5.1 4.6 6.8

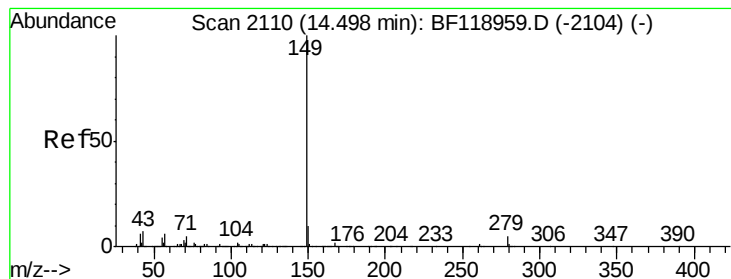


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.221 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

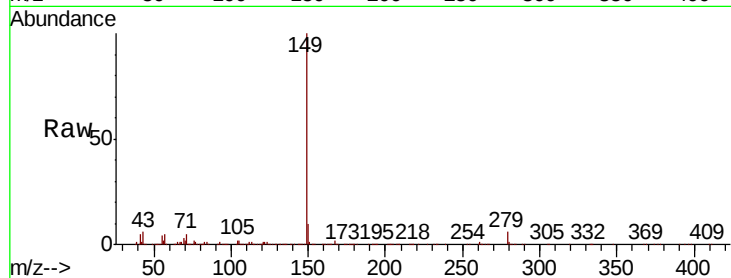
Tot Ion:149 Resp: 1420107

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

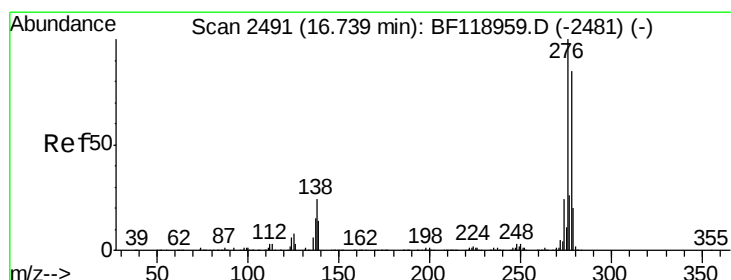
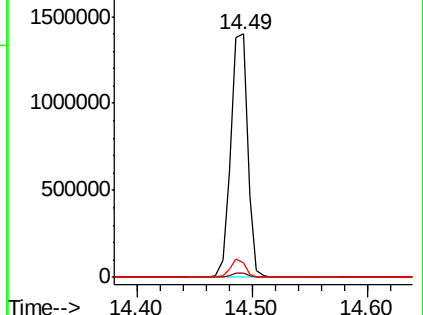
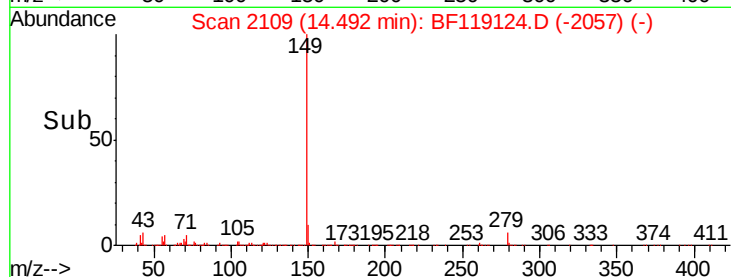
43 6.7 5.7 8.5



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: 48.916 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

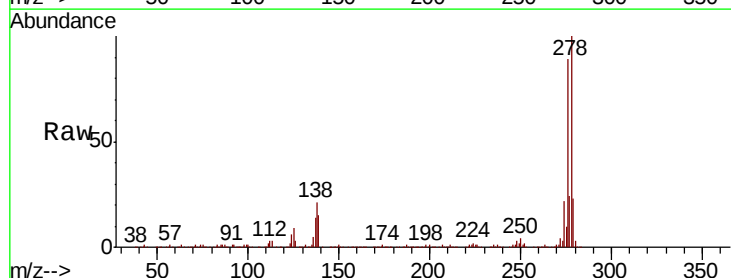
Tgt Ion:276 Resp: 1452369

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

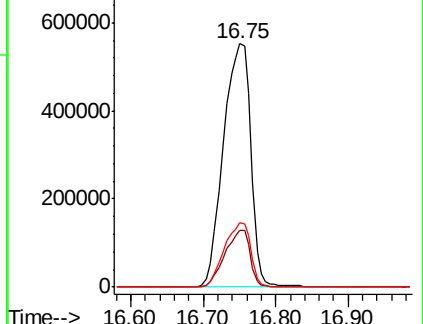
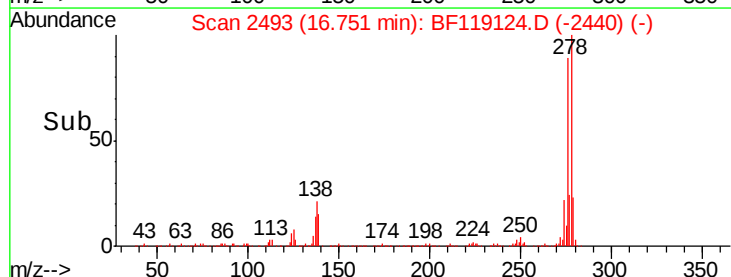
277 25.6 20.3 30.5

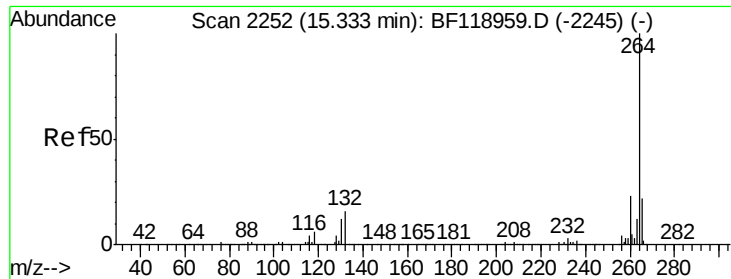


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



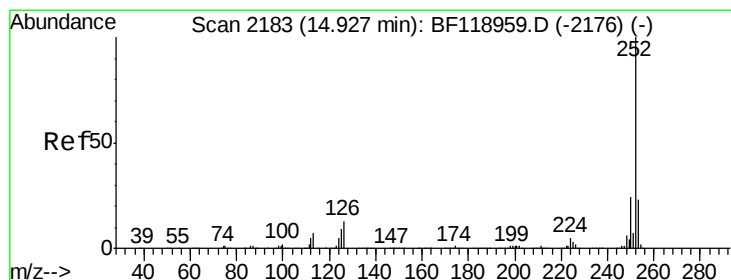
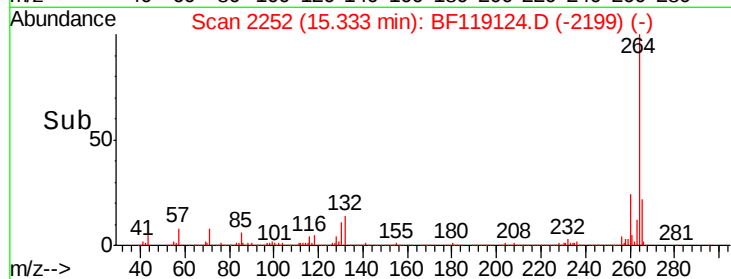
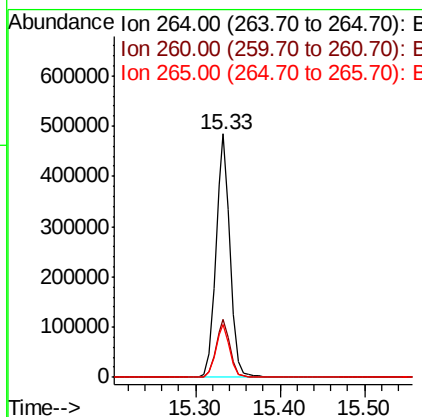
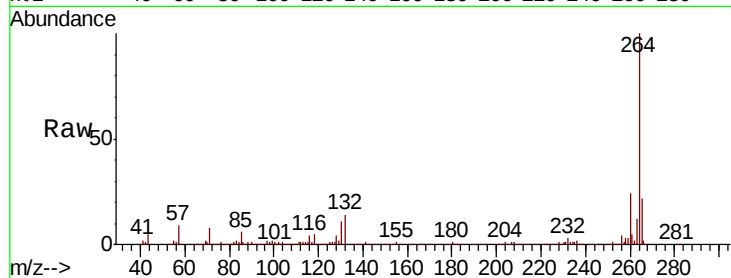


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 572912

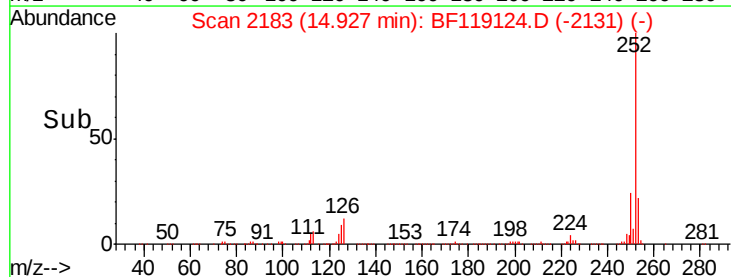
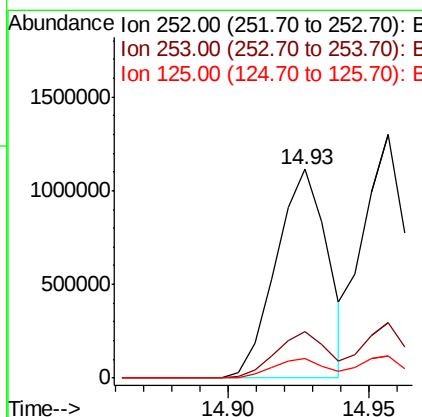
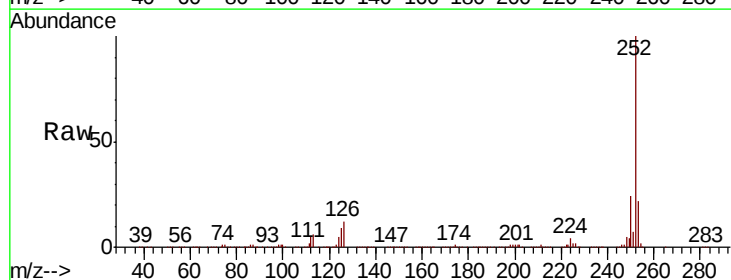
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.7	26.5

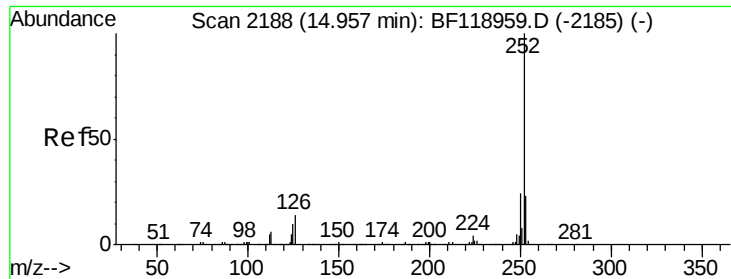


#88
Benzo(b)fluoranthene
Concen: 37.495 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:252 Resp: 1415923

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.2	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 38.660 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

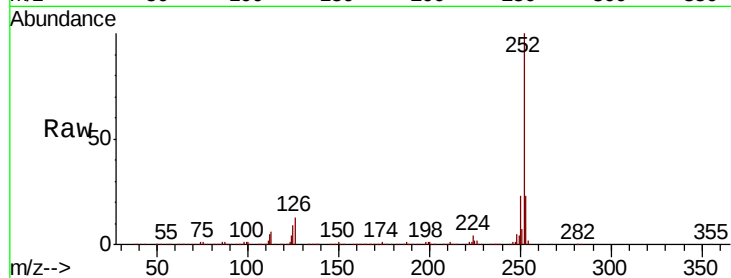
Tot Ion:252 Resp: 1352949

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

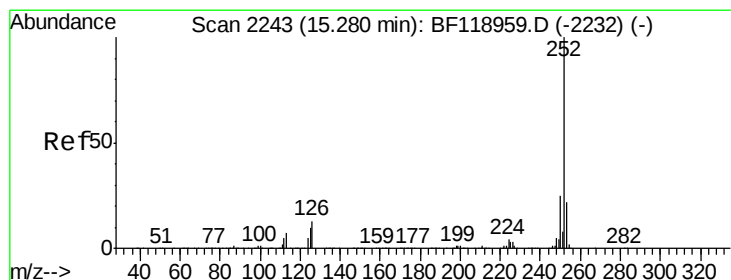
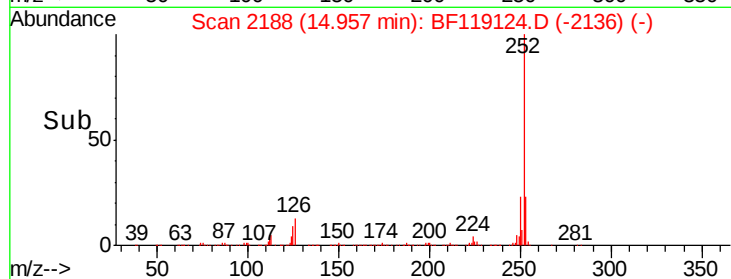
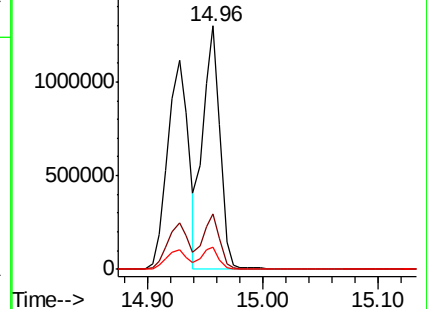
125 9.0 7.5 11.3



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: 38.838 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

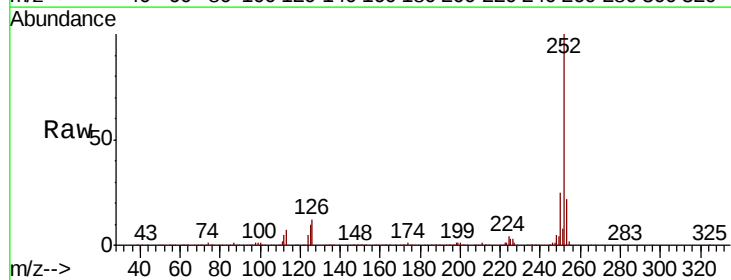
Tgt Ion:252 Resp: 1323676

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

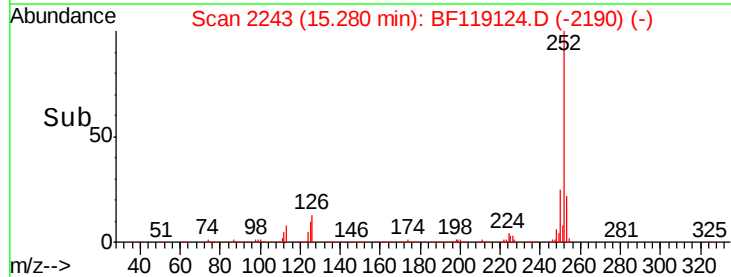
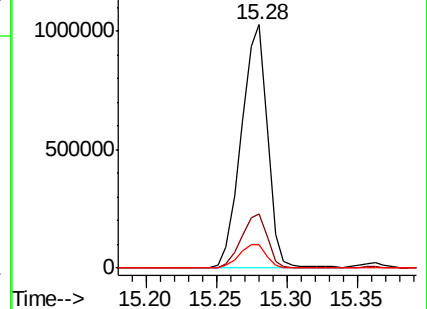
125 9.5 8.6 12.8



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

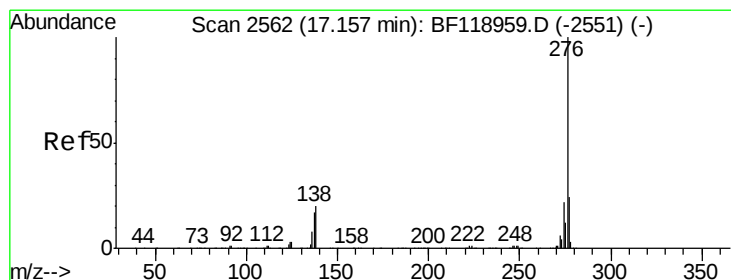
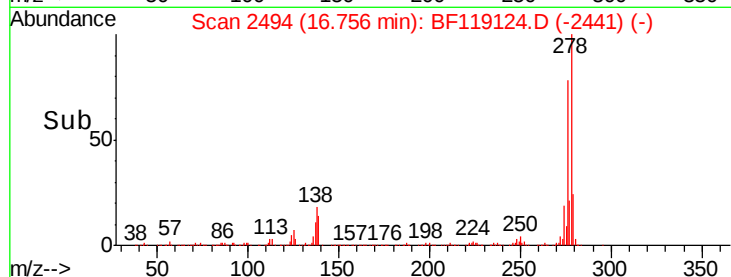
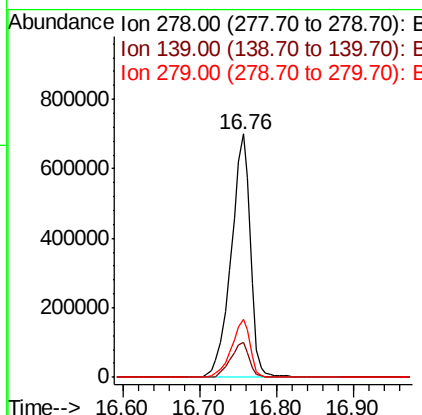
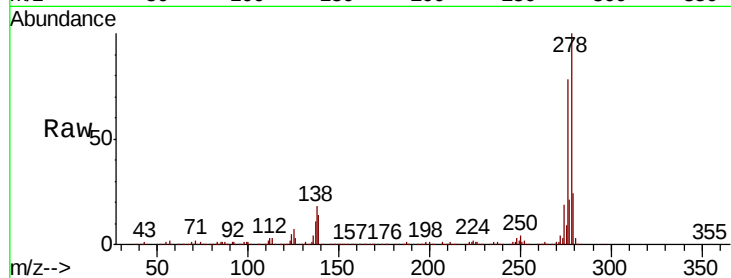




#91
Dibenzo(a,h)anthracene
Concen: 40.767 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1222553
Ion Ratio Lower Upper
278 100
139 14.2 11.0 16.4
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.263 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion:276 Resp: 1104115
Ion Ratio Lower Upper
276 100
277 24.4 18.7 28.1
138 19.2 14.3 21.5

