

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119246.D
 Acq On : 6 Mar 2020 8:44
 Operator : CG/JU
 Sample : L1721-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:55:11 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

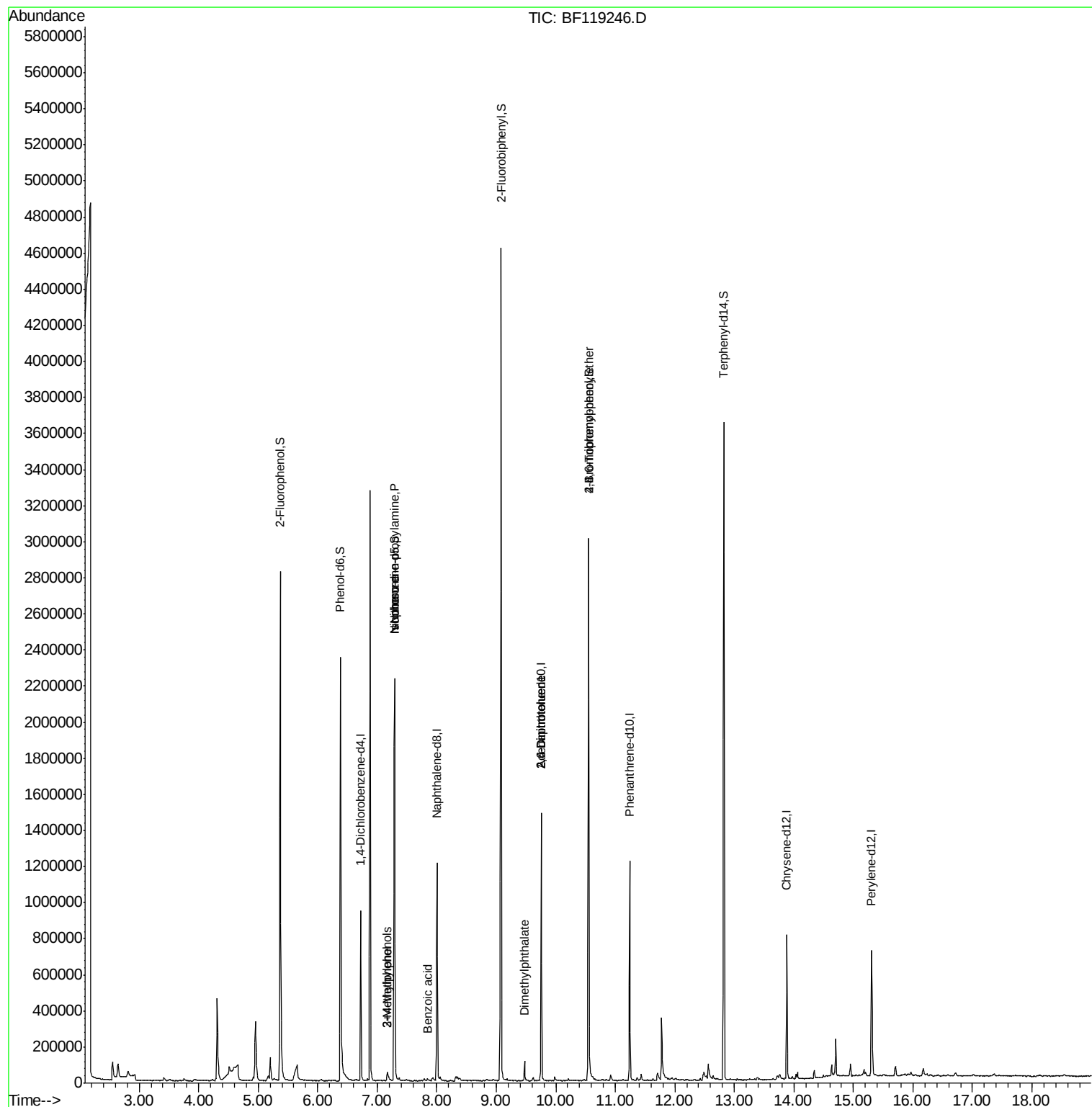
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147075	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	554546	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	284883	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	467514	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	261064	20.00	ng	-0.02
87) Perylene-d12	15.30	264	308525	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	933679	106.09	ng	0.00
7) Phenol-d6	6.38	99	1046328	97.76	ng	-0.02
23) Nitrobenzene-d5	7.29	82	829317	78.96	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	408872	109.71	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1585999	82.01	ng	-0.03
79) Terphenyl-d14	12.82	244	1296484	85.50	ng	-0.03
Target Compounds						
17) 2-Methylphenol	7.17	107	26547	3.448	ng	# 66
19) n-Nitroso-di-n-propylamine	7.29	70	115859	18.577	ng	# 76
20) 3+4-Methylphenols	7.17	107	26547	2.814	ng	# 76
25) Isophorone	7.29	82	829313	45.466	ng	# 63
32) Benzoic acid	7.84	122	1578	6.929	ng	# 88
50) Dimethylphthalate	9.47	163	43949	2.017	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	36602	7.563	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	36602	5.835	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	26721	4.373	ng	# 1

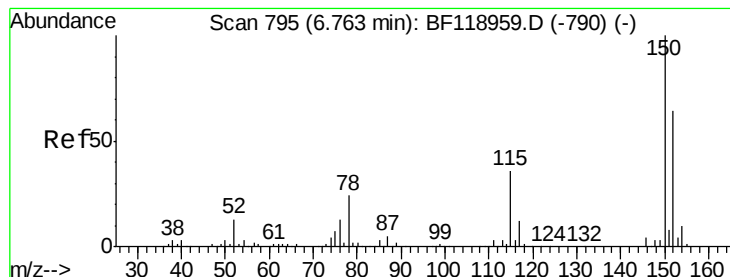
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampleId :

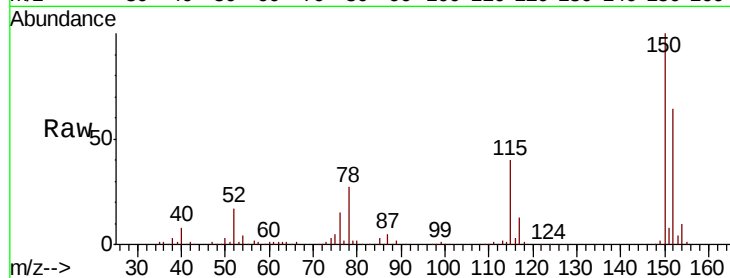
Tot Ion:152 Resp: 147075

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.6

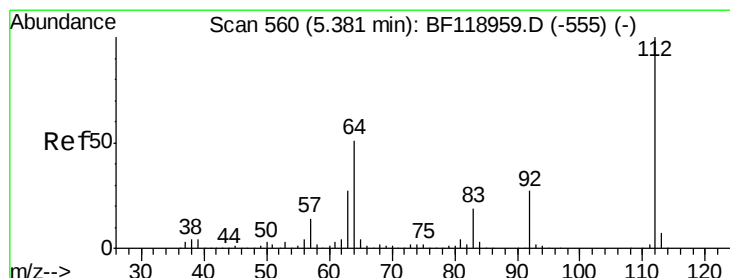
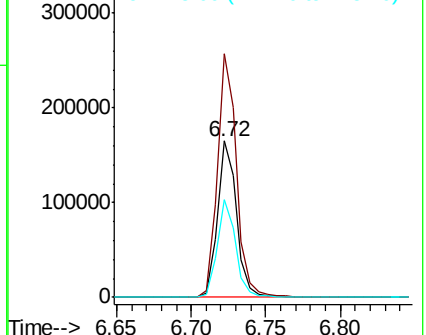
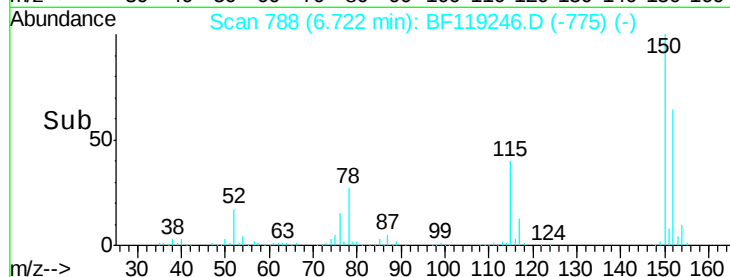
115 62.3 49.5 74.3



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



#5

2-Fluorophenol

Concen: 106.092 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

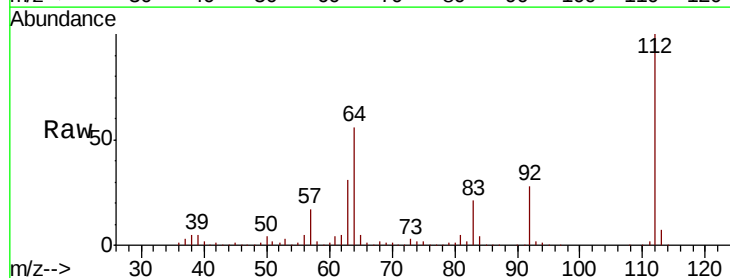
Tgt Ion:112 Resp: 933679

Ion Ratio Lower Upper

112 100

64 56.4 45.0 67.4

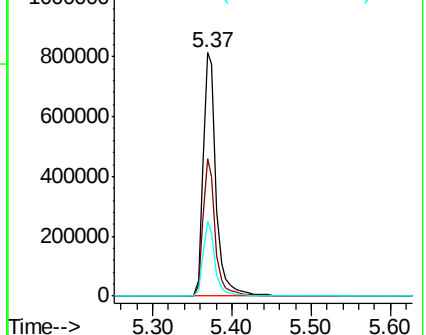
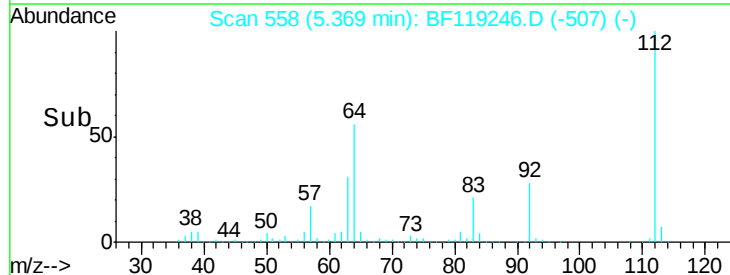
63 30.8 24.2 36.4

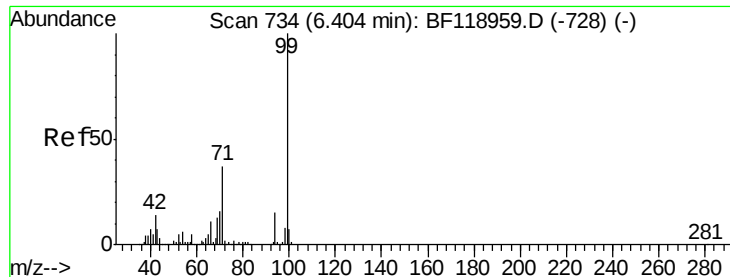


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.758 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampled :

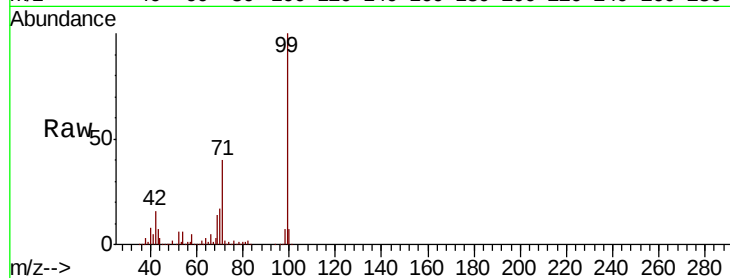
Tot Ion: 99 Resp: 1046328

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

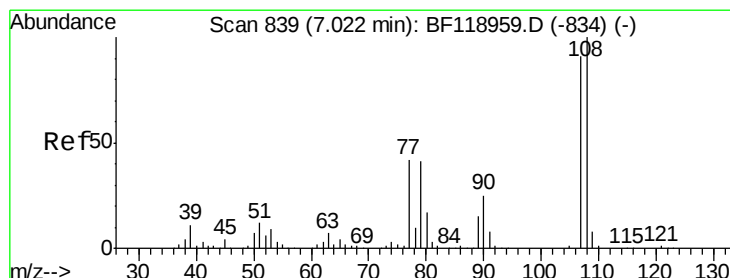
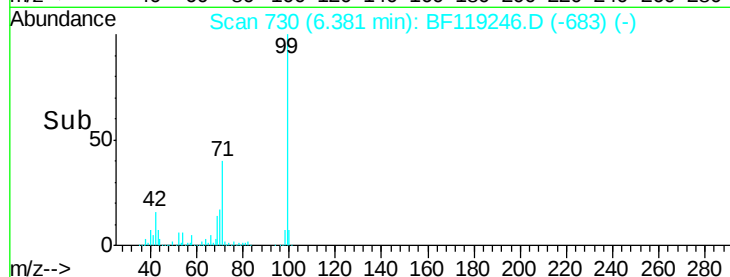
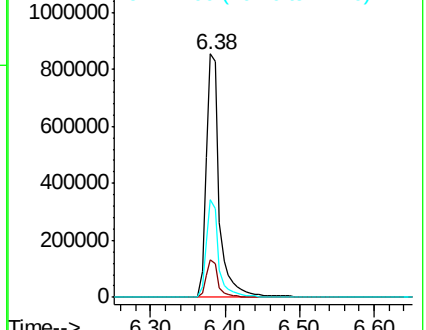
71 40.2 31.0 46.4



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



#17

2-Methylphenol

Concen: 3.448 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.15 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Tgt Ion: 107 Resp: 26547

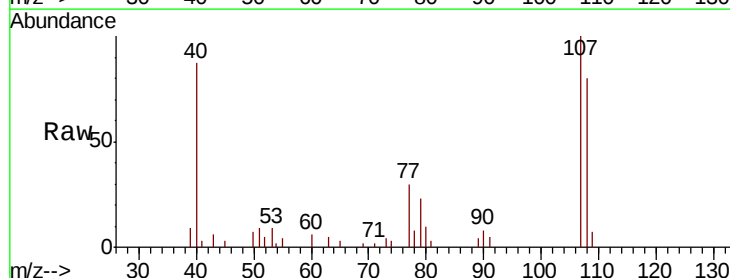
Ion Ratio Lower Upper

107 100

108 80.0 87.9 131.9#

77 30.3 45.3 67.9#

79 23.4 43.0 64.4#

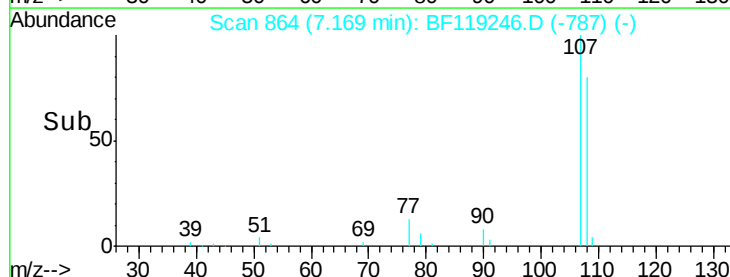
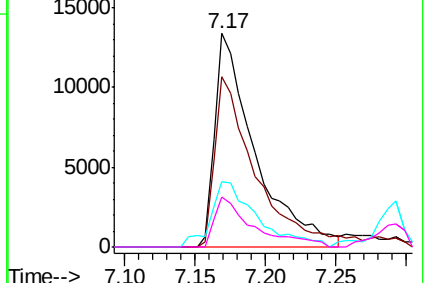


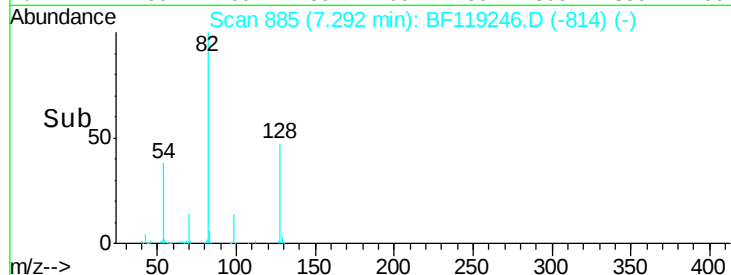
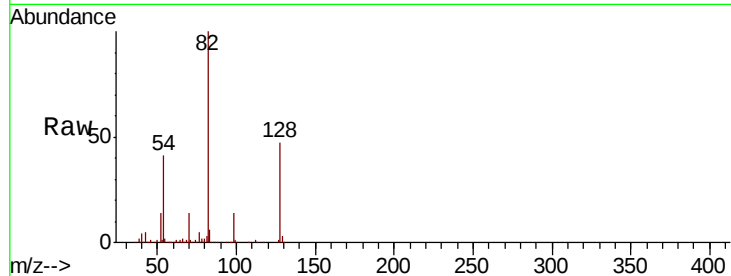
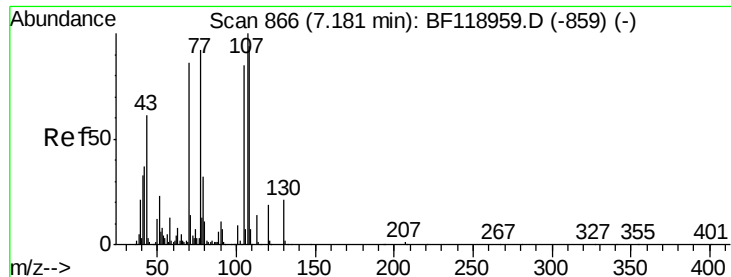
Abundance Ion 107.00 (106.70 to 107.70): E

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

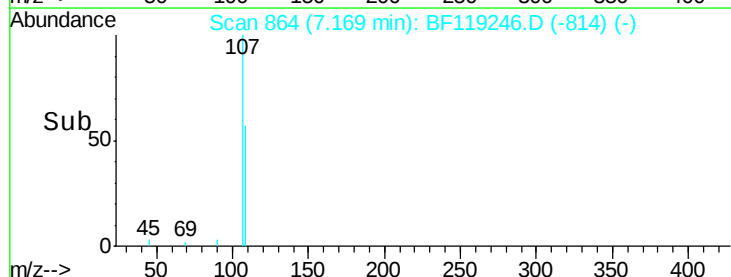
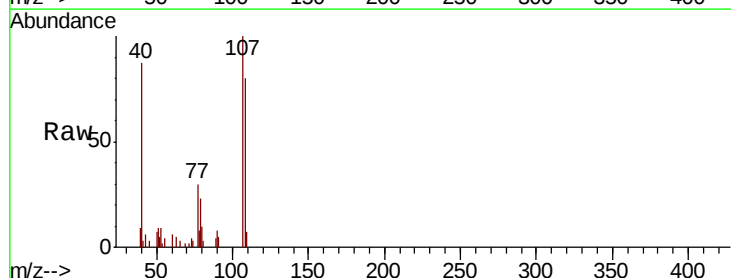
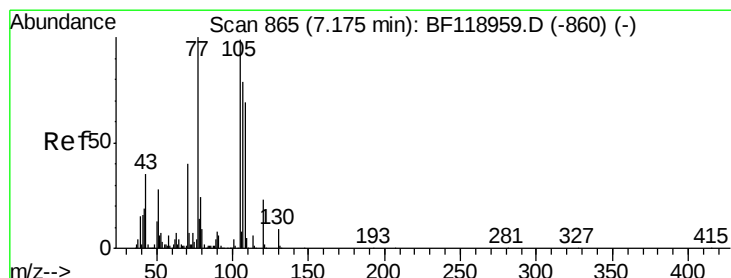
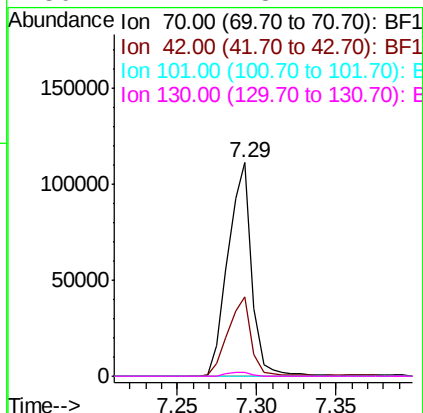




#19
n-Nitroso-di-n-propylamine
Concen: 18.577 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

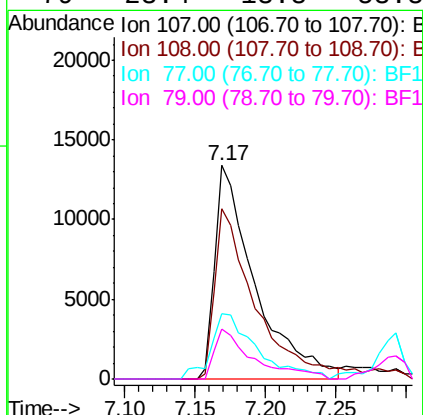
Instrument :
BNA_F
ClientSampleId :

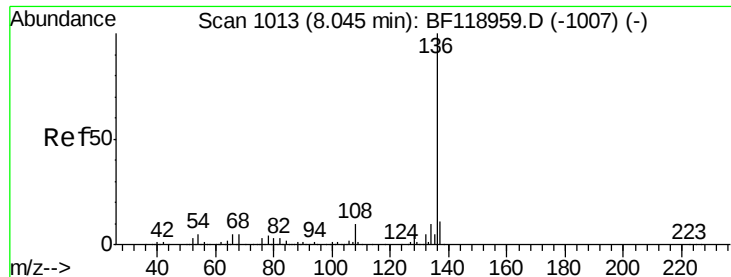
Tot Ion	Ratio	Lower	Upper
70	100		
42	37.4	38.0	57.0#
101	0.0	8.2	12.4#
130	2.1	18.2	27.4#



#20
3+4-Methylphenols
Concen: 2.814 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.0	71.5	111.5
77	30.3	45.9	85.9#
79	23.4	13.8	53.8

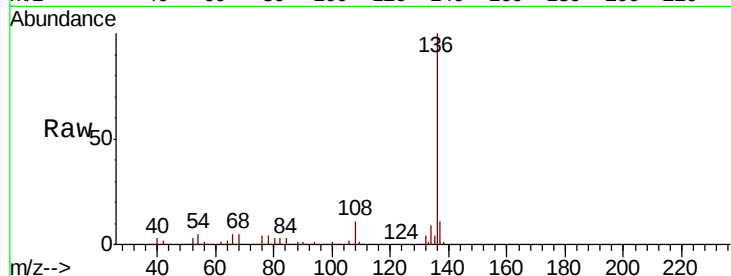




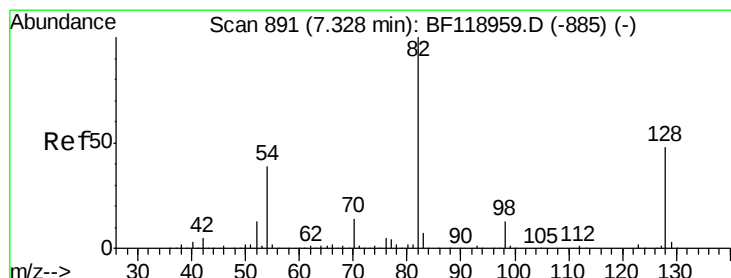
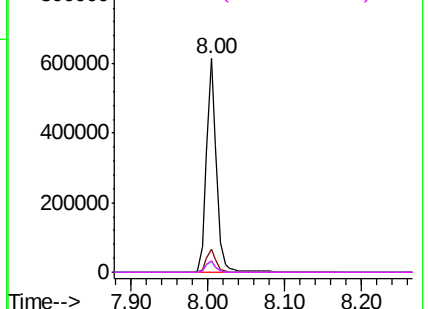
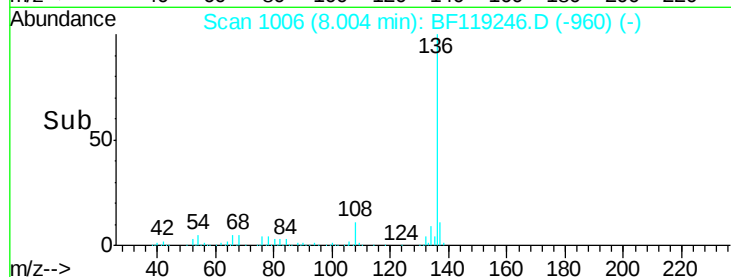
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	554546
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 5.1	3.8	5.6
68 5.5	3.9	5.9

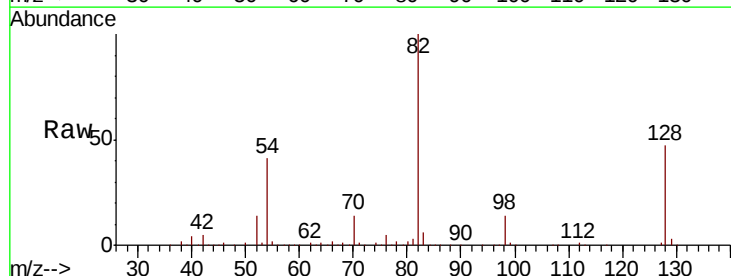


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

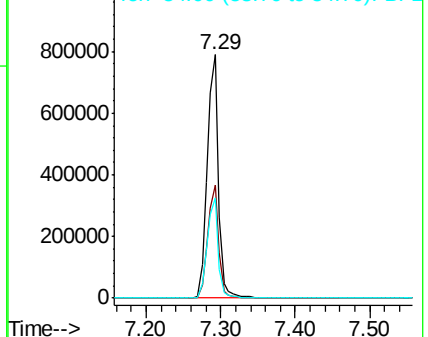
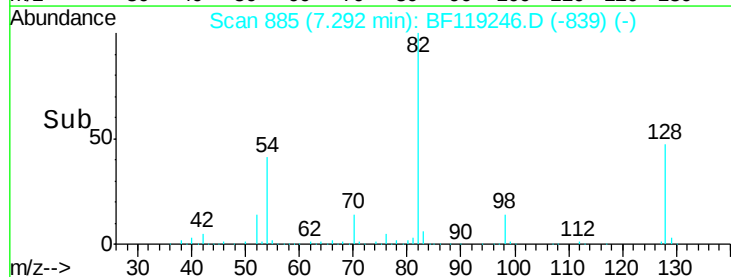


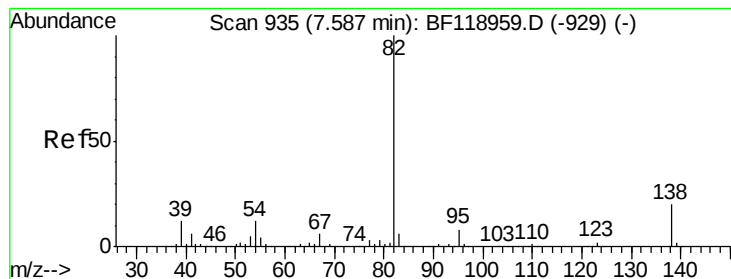
#23
Nitrobenzene-d5
Concen: 78.962 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Tgt Ion: 82	Resp:	829317
Ion Ratio	Lower	Upper
82 100		
128 46.7	37.9	56.9
54 41.0	33.4	50.2



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





#25

Isophorone

Concen: 45.466 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampleId :

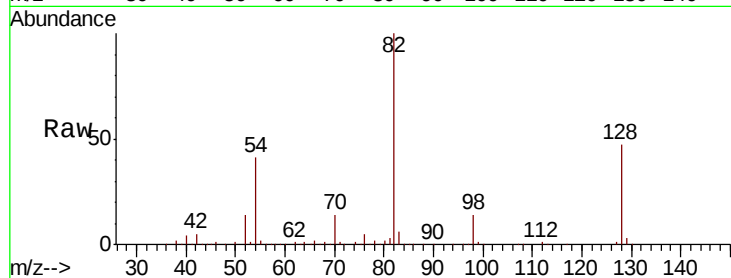
Tot Ion: 82 Resp: 829313

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

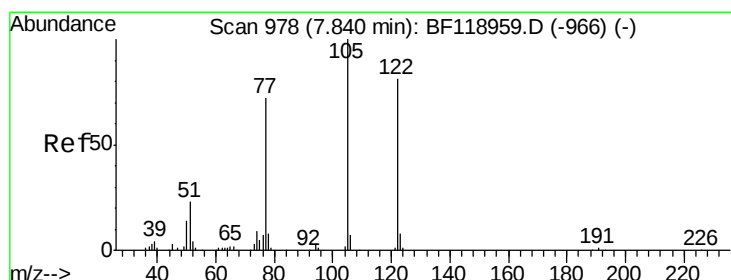
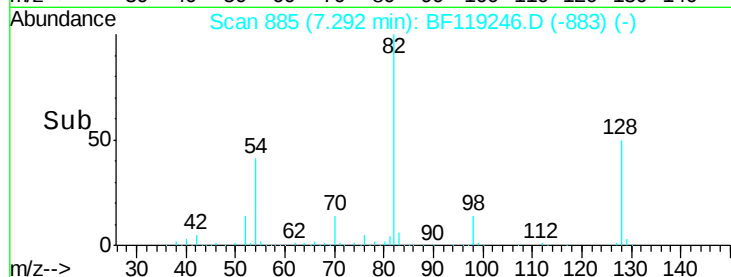
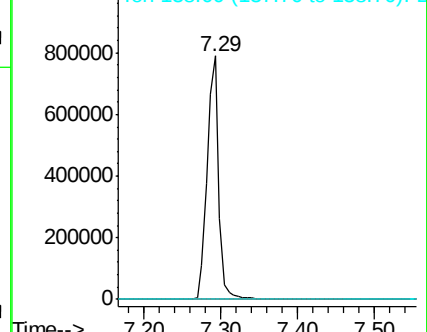
138 0.0 15.7 23.5#



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



#32

Benzoic acid

Concen: 6.929 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

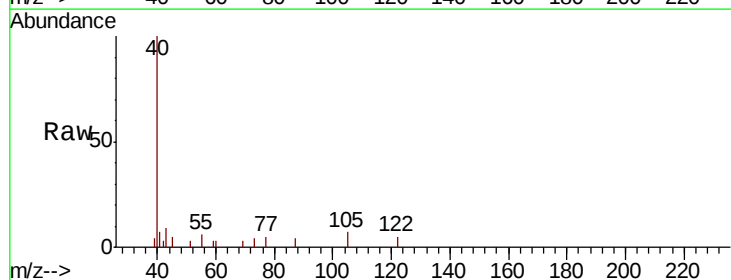
Tgt Ion: 122 Resp: 1578

Ion Ratio Lower Upper

122 100

105 139.0 106.3 146.3

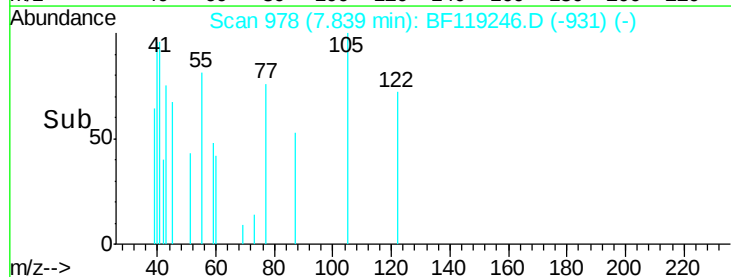
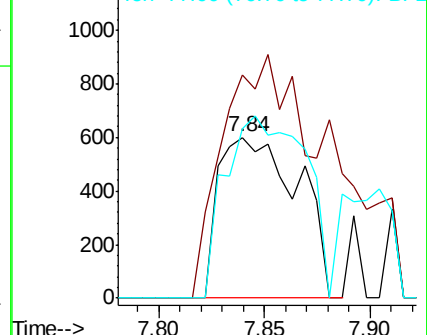
77 105.2 73.1 113.1

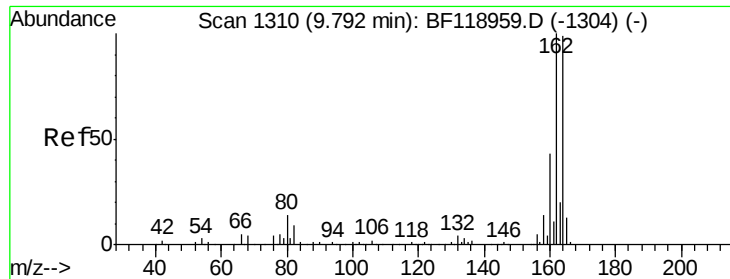


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

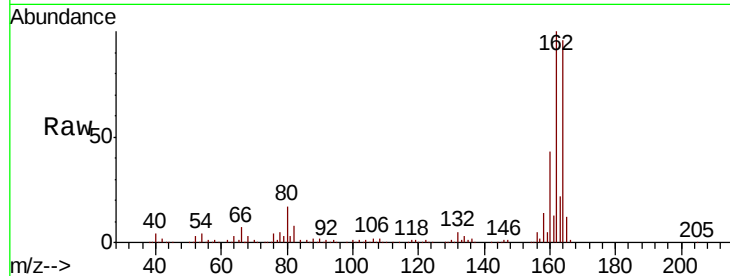




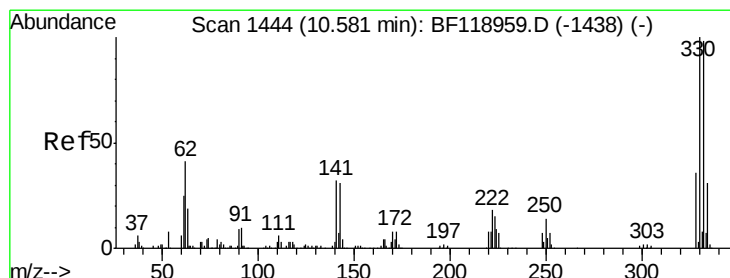
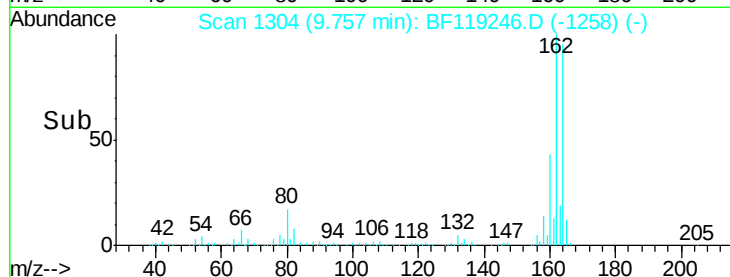
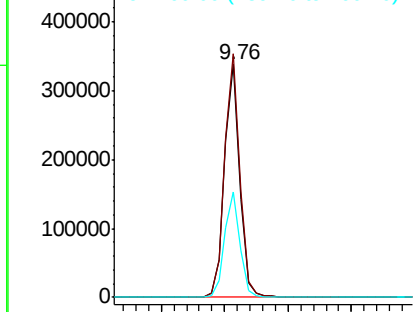
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 284883
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.8 122.8
 160 45.2 36.0 54.0

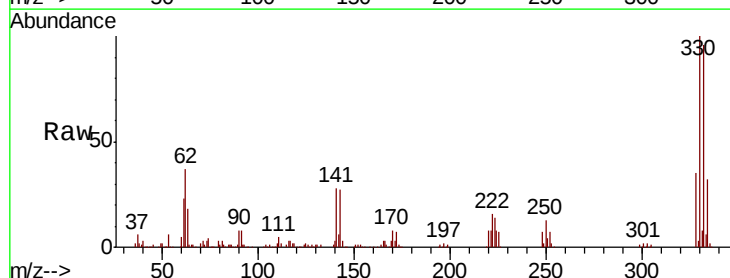


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

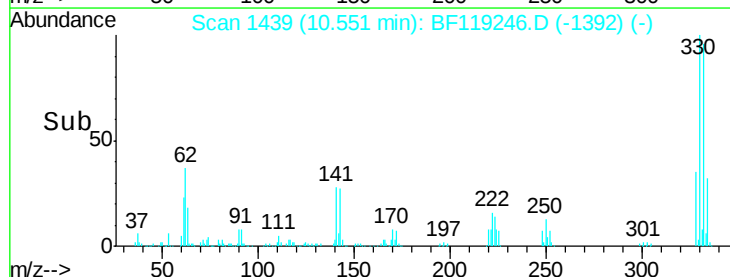
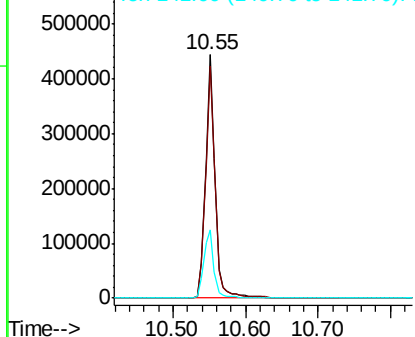


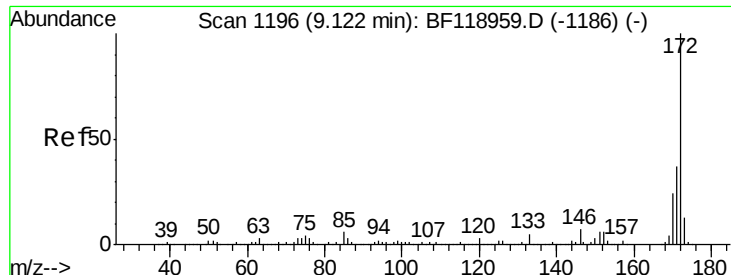
#42
 2,4,6-Tribromophenol
 Concen: 109.713 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Tgt Ion:330 Resp: 408872
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 29.9 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

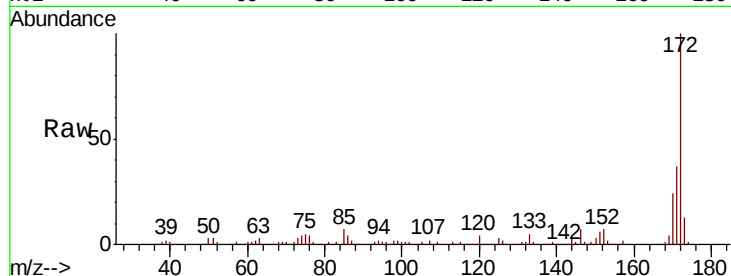




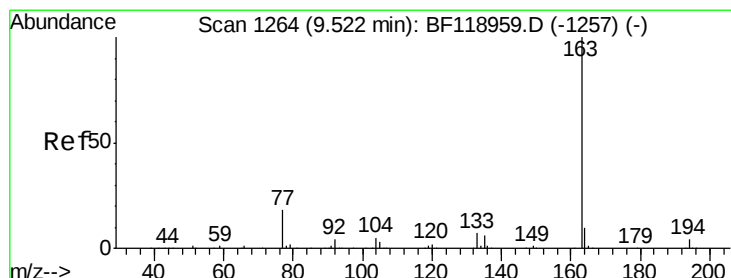
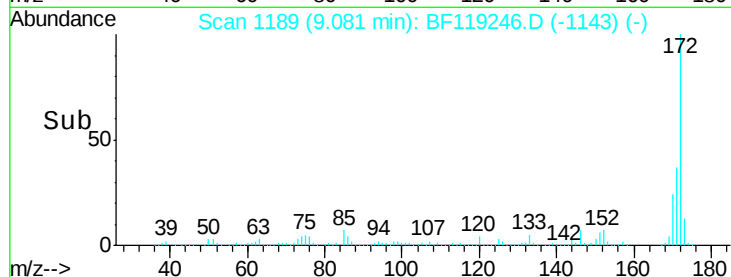
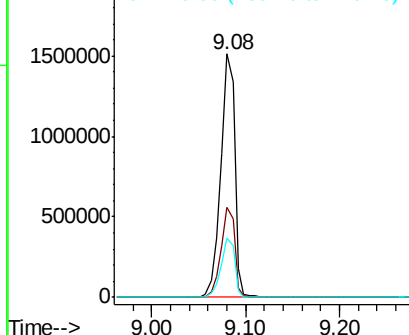
#45
2-Fluorobiphenyl
Concen: 82.014 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1585999
Ion Ratio Lower Upper
172 100
171 37.0 30.6 45.8
170 24.4 20.2 30.2

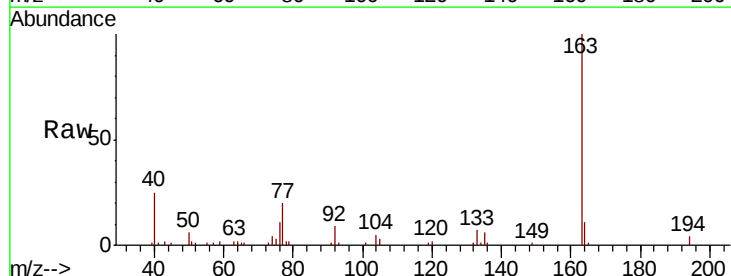


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

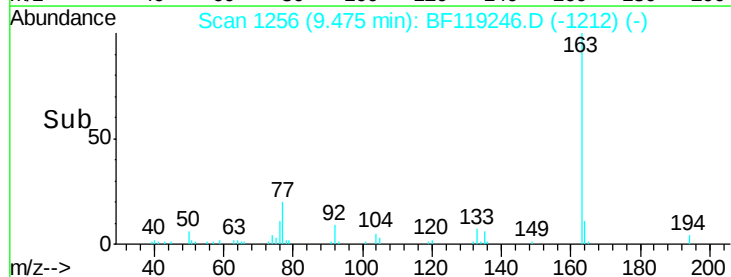
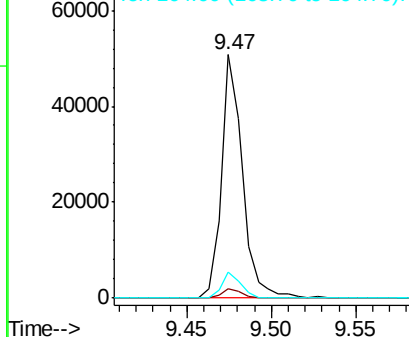


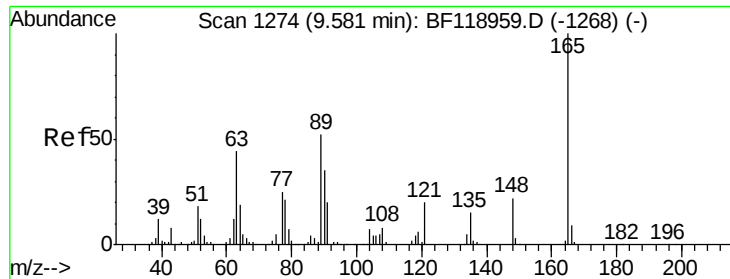
#50
Dimethylphthalate
Concen: 2.017 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Tgt Ion:163 Resp: 43949
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.9 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

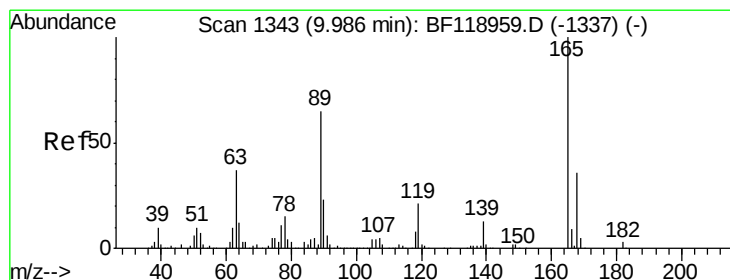
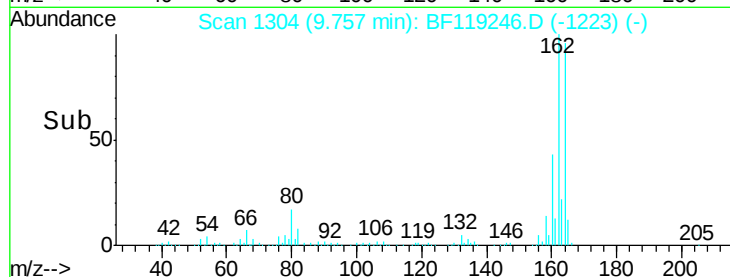
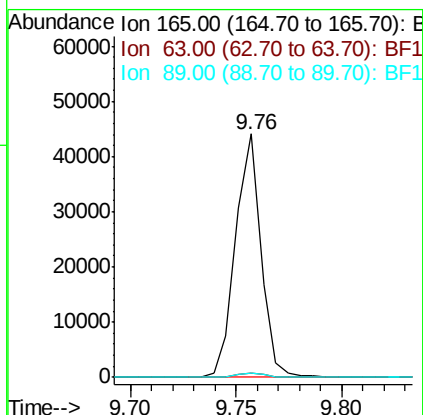
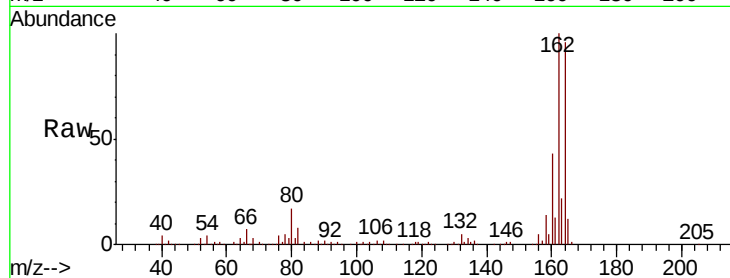




#51
 2,6-Dinitrotoluene
 Concen: 7.563 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.18 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

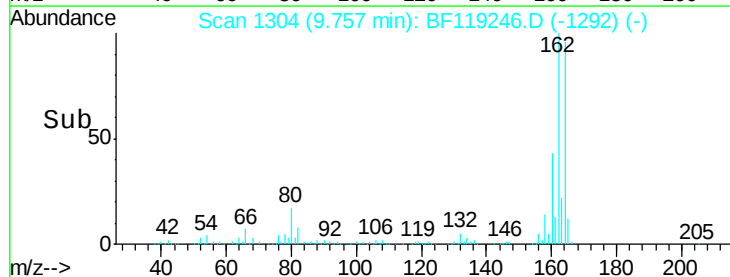
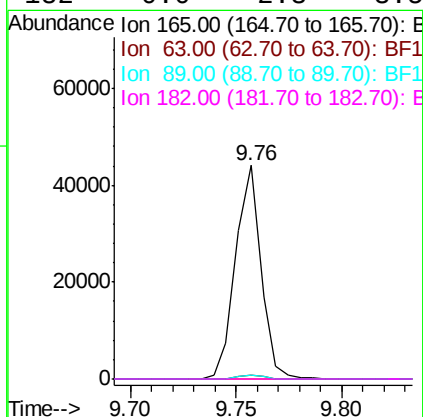
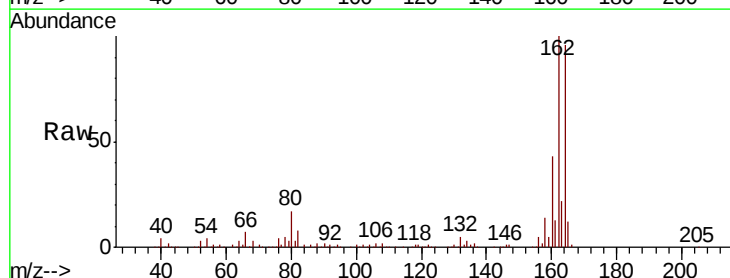
Instrument :
 BNA_F
 ClientSampled :

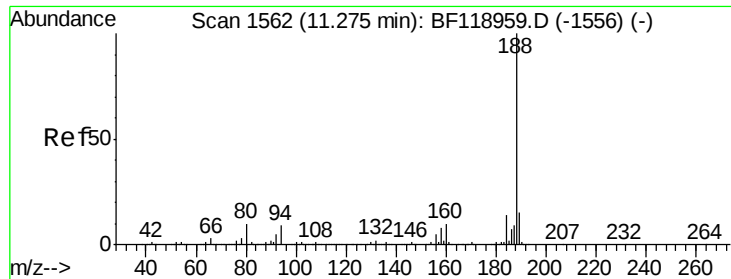
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.9	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.835 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.3	63.5#
89	1.9	60.2	90.4#
182	0.0	2.3	3.5#

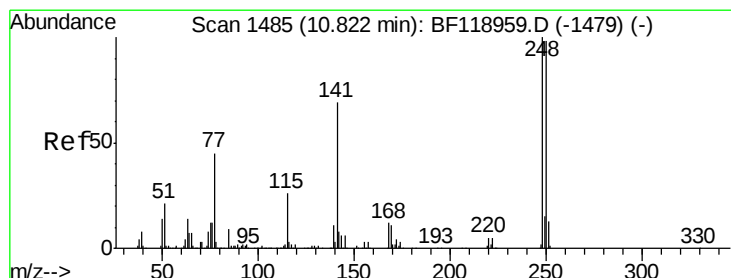
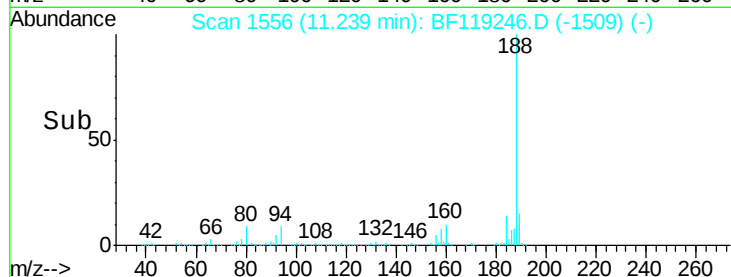
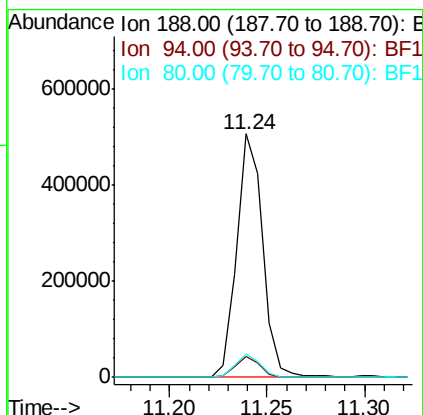
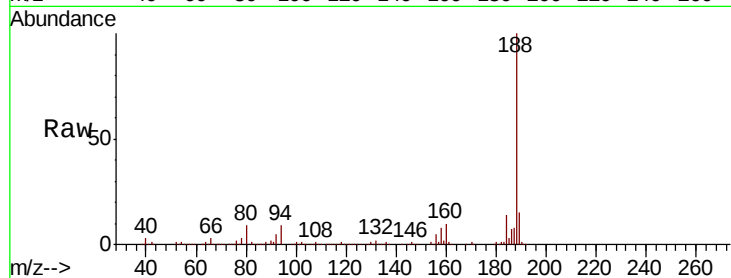




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

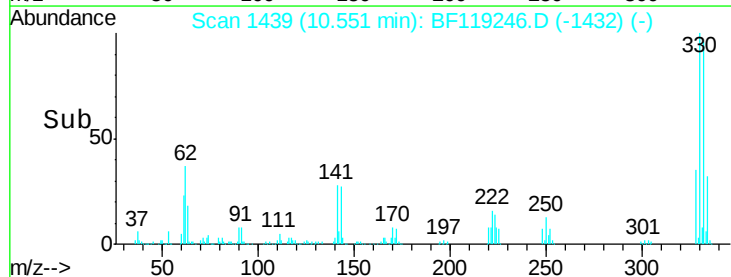
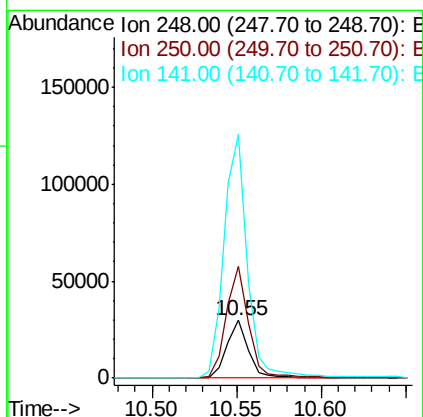
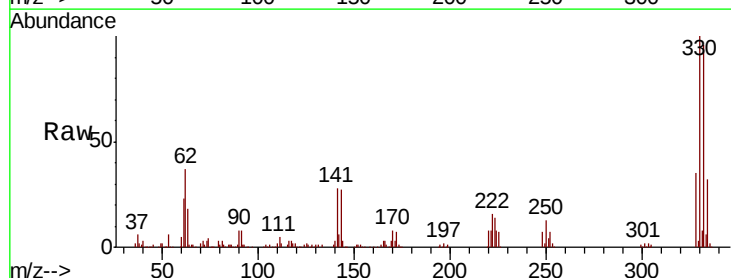
Instrument :
BNA_F
ClientSampleId :

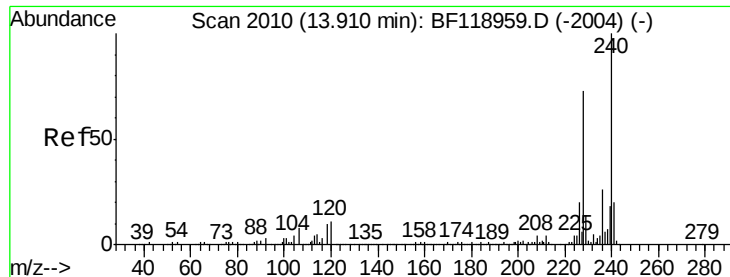
Tot Ion:188 Resp: 467514
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.5 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.373 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Tgt Ion:248 Resp: 26721
Ion Ratio Lower Upper
248 100
250 193.5 76.7 115.1#
141 422.5 60.7 91.1#

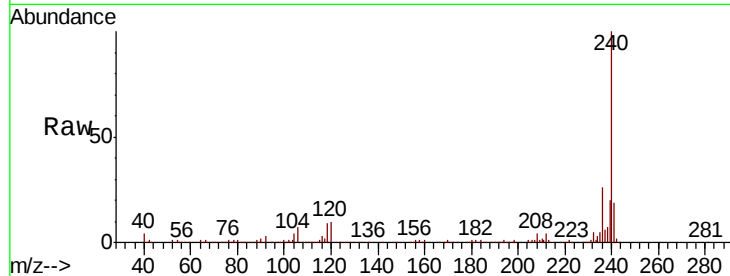




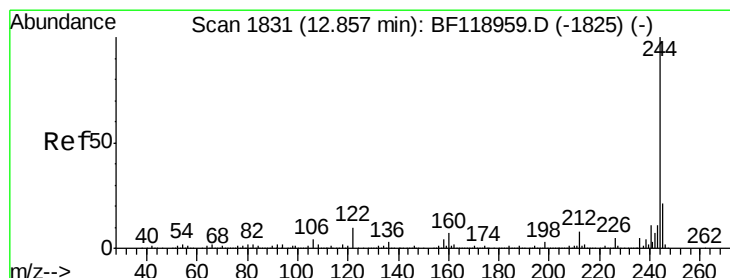
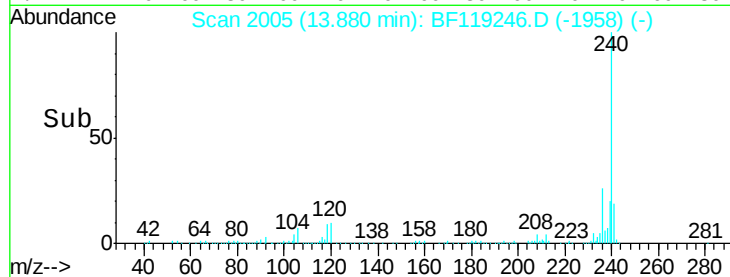
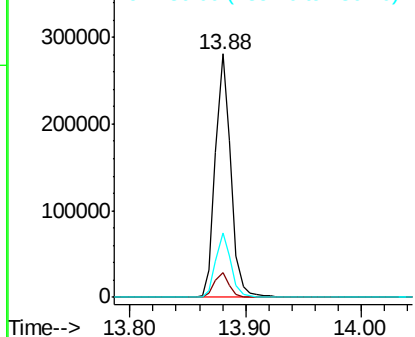
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 261064
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.3 21.0 31.4

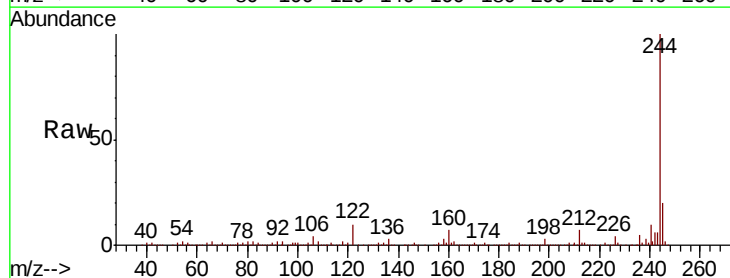


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

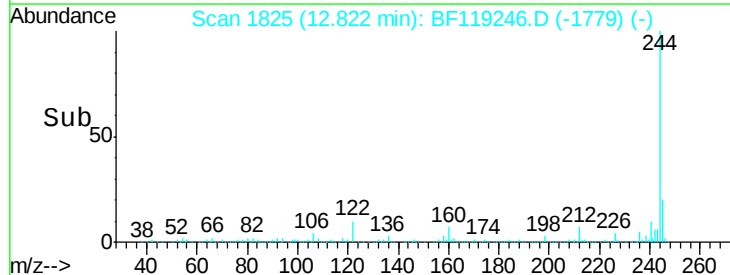
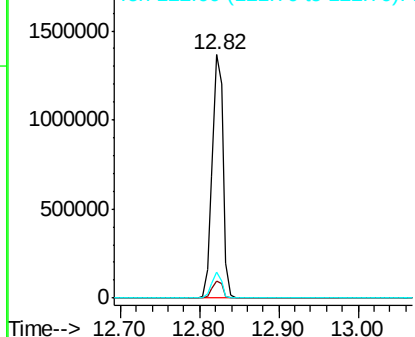


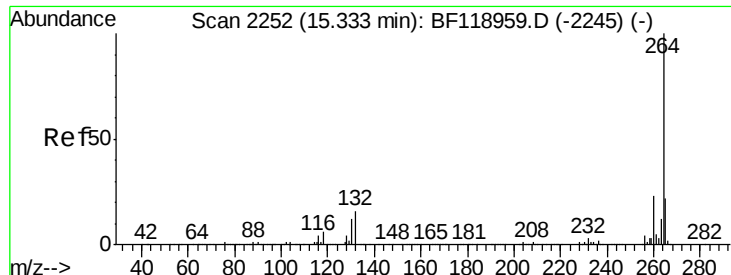
#79
 Terphenyl-d14
 Concen: 85.501 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Tgt Ion:244 Resp: 1296484
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.5 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.7	26.5

