

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120138.D
 Acq On : 22 Apr 2020 18:27
 Operator : MA/SJ
 Sample : L2351-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17A

Quant Time: Apr 23 02:42:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

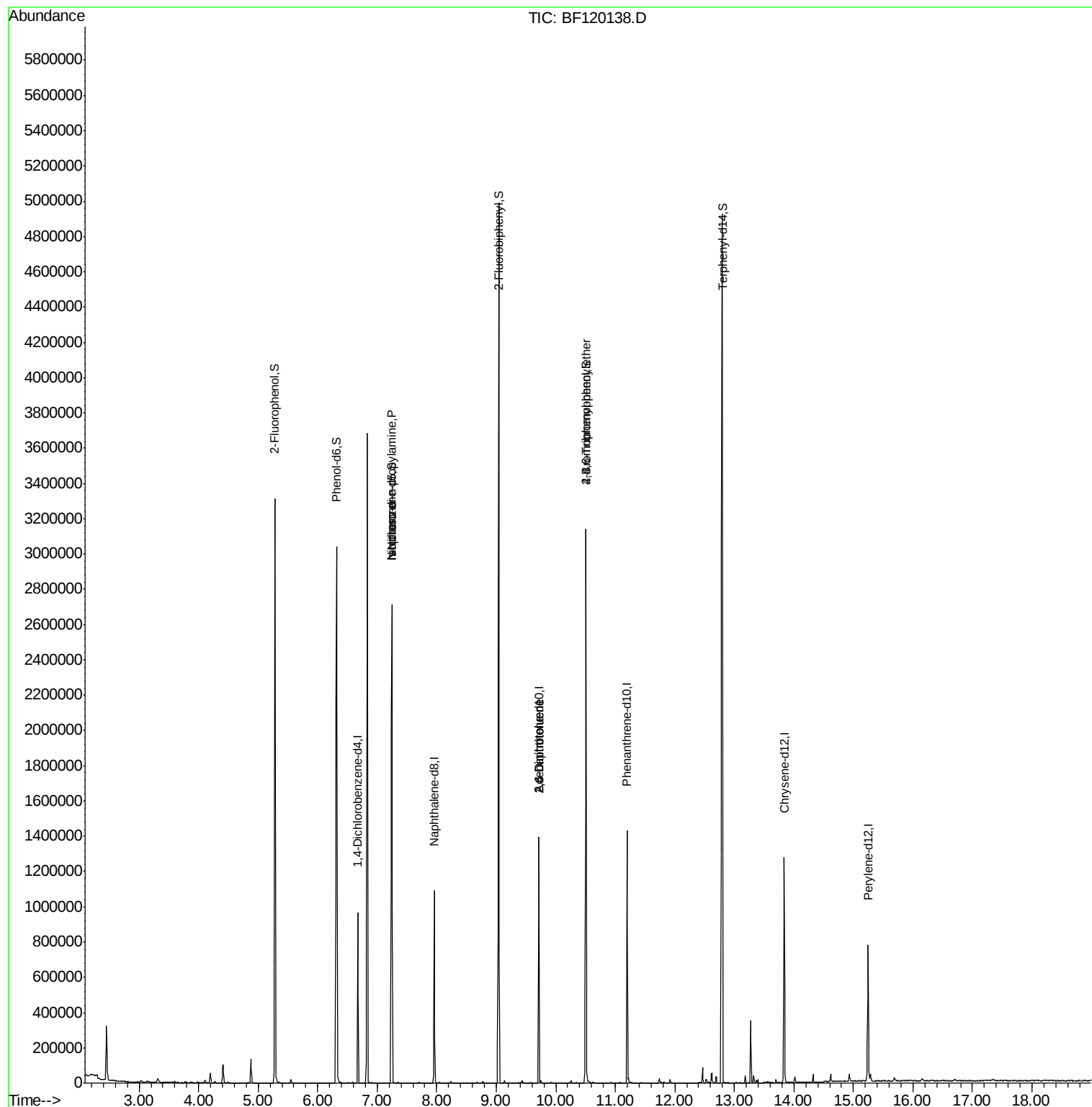
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130525	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	493532	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	259888	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	492471	20.00	ng	0.00
76) Chrysene-d12	13.84	240	397834	20.00	ng	-0.01
87) Perylene-d12	15.24	264	336919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	913374	120.93	ng	0.00
7) Phenol-d6	6.32	99	1108699	113.92	ng	-0.01
23) Nitrobenzene-d5	7.25	82	864458	90.62	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	395649	124.34	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1690613	92.36	ng	0.00
79) Terphenyl-d14	12.80	244	2007238	84.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	1483	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.25	70	113327	18.109	ng	# 76
25) Isophorone	7.25	82	863967	46.980	ng	# 65
51) 2,6-Dinitrotoluene	9.72	165	33067	7.512	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	33067	5.702	ng	# 20
67) 4-Bromophenyl-phenylether	10.51	248	25070	4.093	ng	# 1

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

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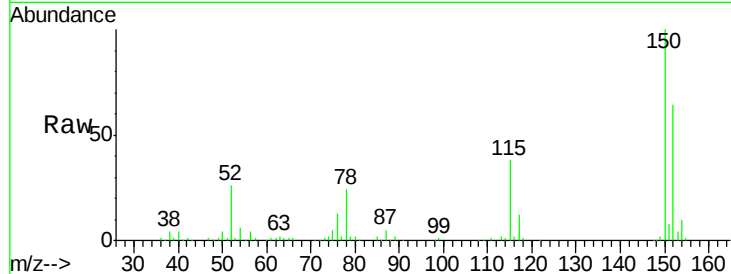


#1

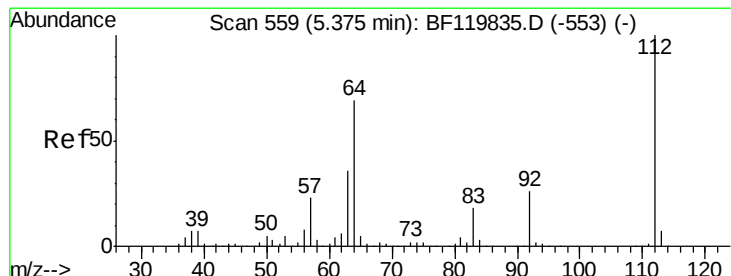
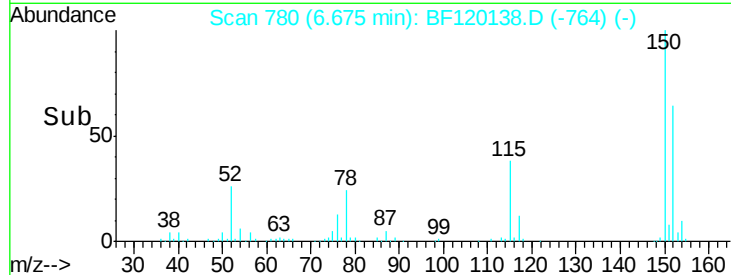
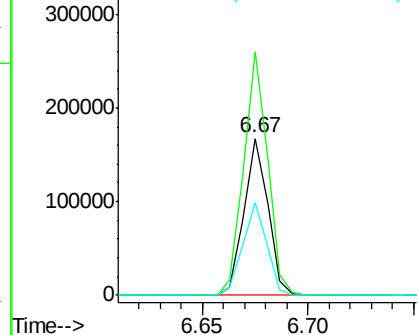
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

Instrument :
BNA_F
ClientSampleId :
TP-17A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.5	186.7
115	59.2	49.6	74.4



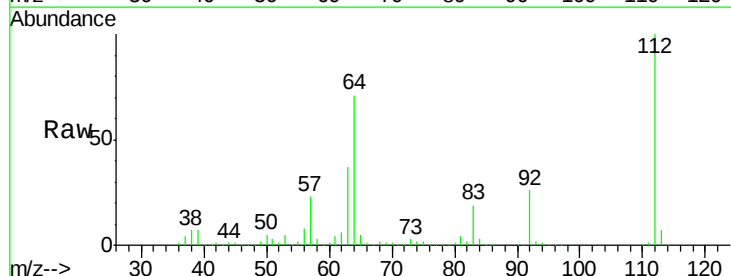
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



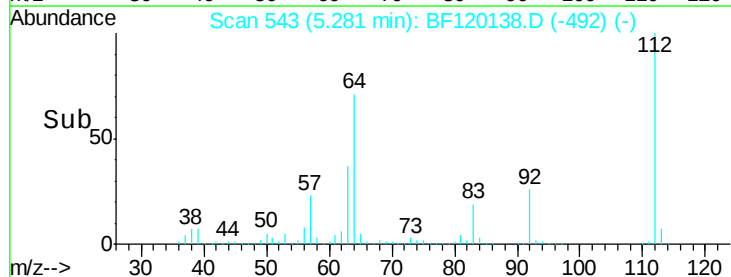
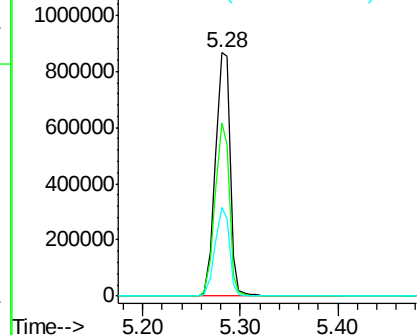
#5

2-Fluorophenol
Concen: 120.933 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.7	85.1
63	36.6	29.5	44.3



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: 113.922 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Instrument :

BNA_F

ClientSampleId :

TP-17A

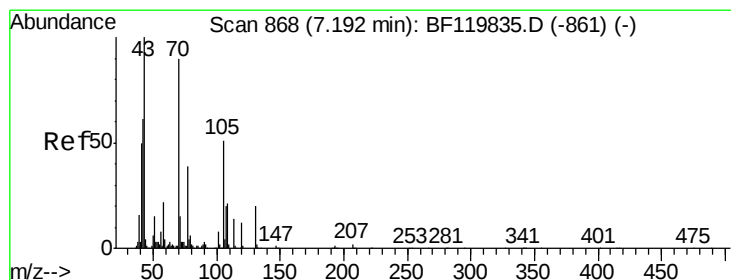
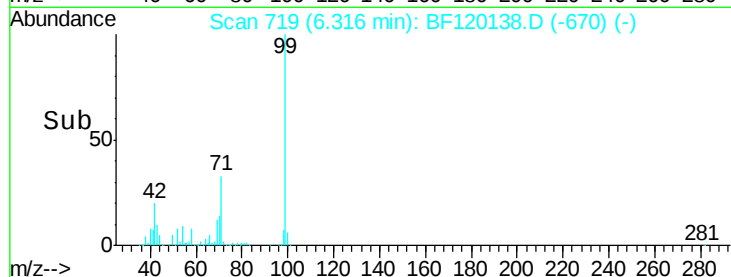
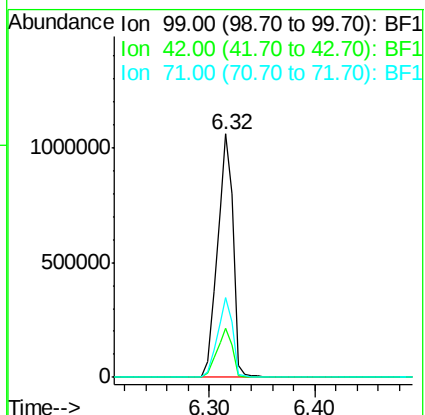
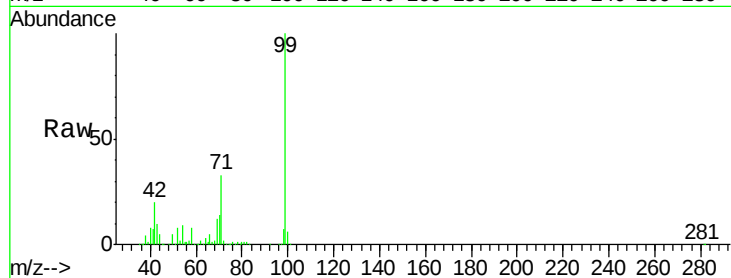
Tot Ion: 99 Resp: 1108699

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 33.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.109 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Tgt Ion: 70 Resp: 113327

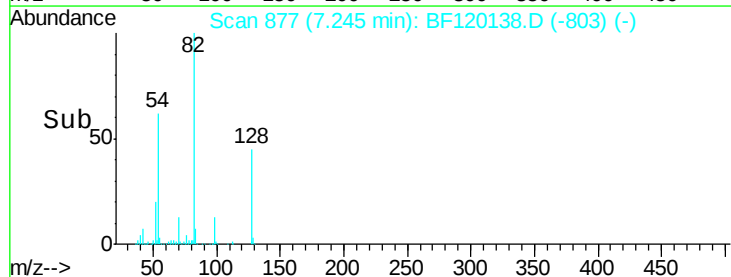
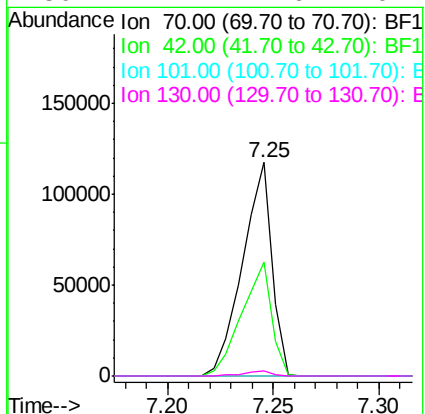
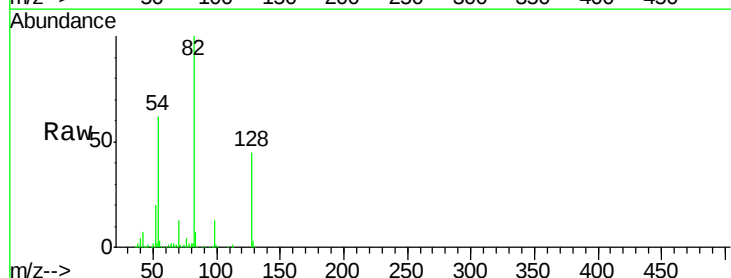
Ion Ratio Lower Upper

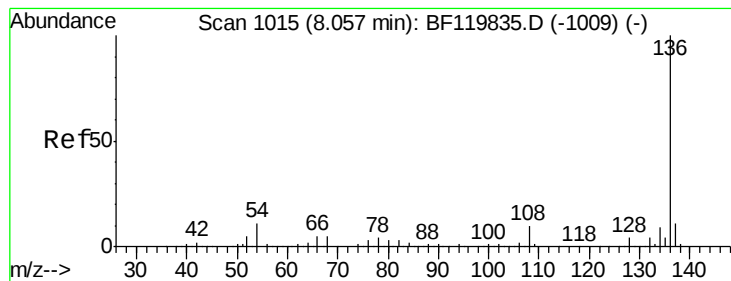
70 100

42 53.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Instrument :

BNA_F

ClientSampleId :

TP-17A

Tot Ion:136 Resp: 493532

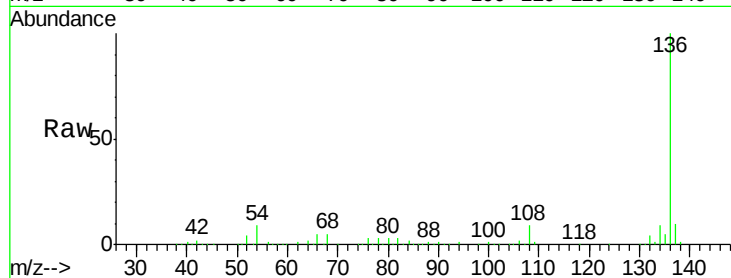
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.9 9.1 13.7#

68 4.9 4.6 6.8

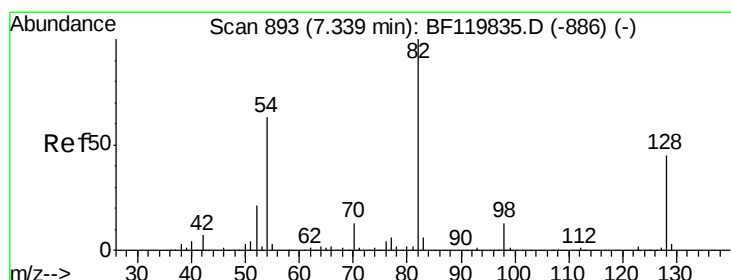
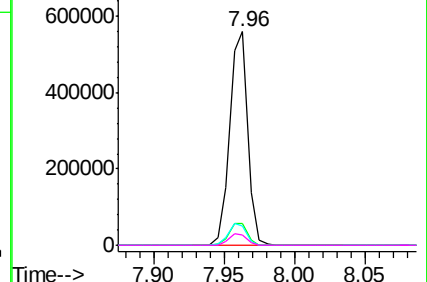
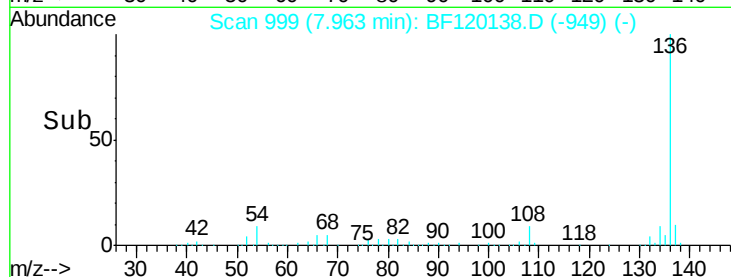


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 90.615 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

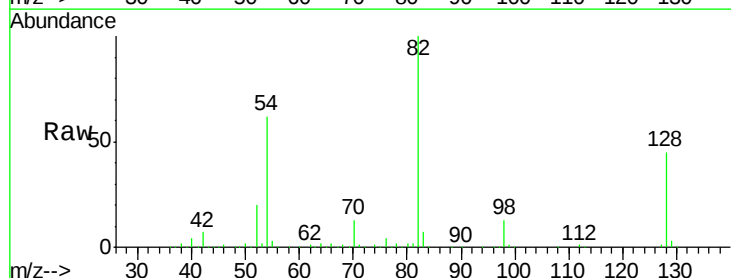
Tgt Ion: 82 Resp: 864458

Ion Ratio Lower Upper

82 100

128 45.4 36.3 54.5

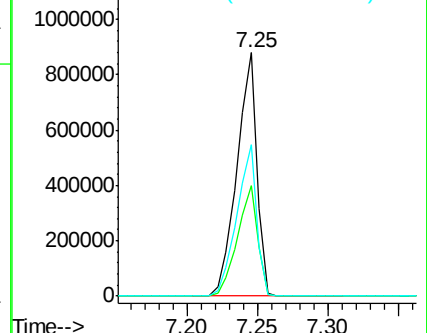
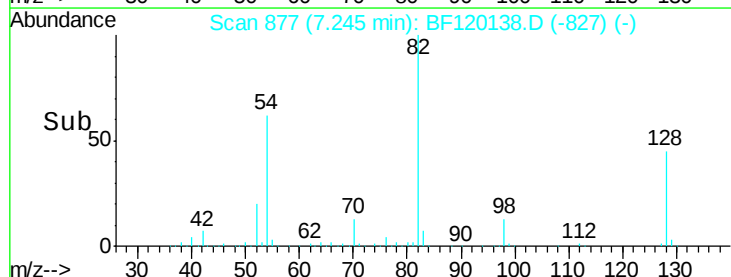
54 62.4 50.6 75.8



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: 46.980 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Instrument :

BNA_F

ClientSampleId :

TP-17A

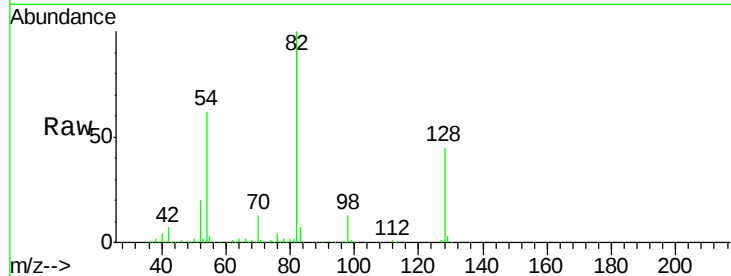
Tot Ion: 82 Resp: 863967

Ion Ratio Lower Upper

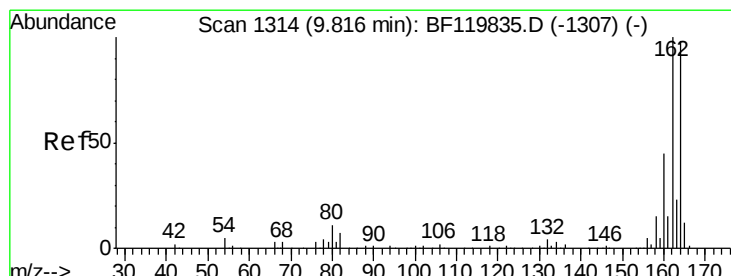
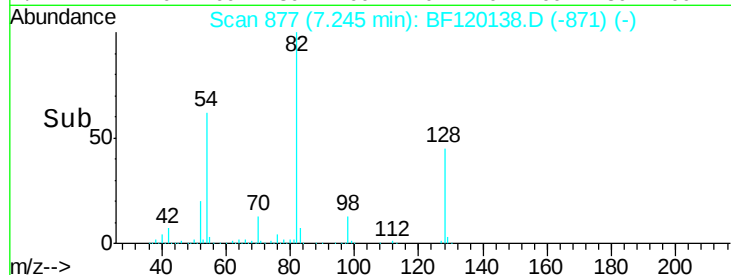
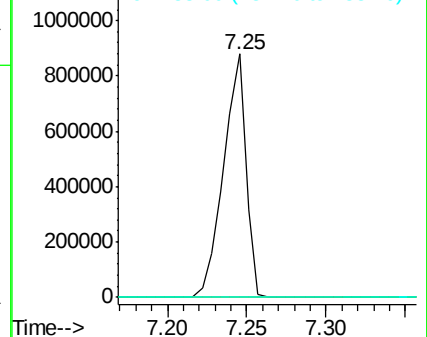
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

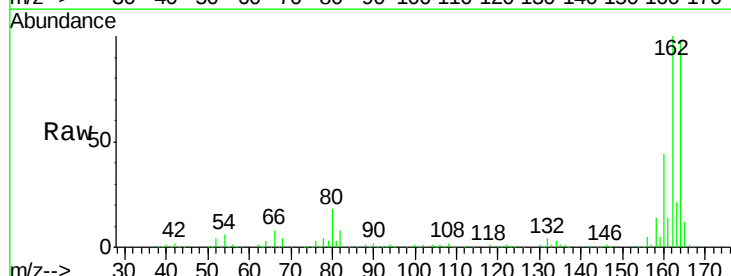
Tgt Ion:164 Resp: 259888

Ion Ratio Lower Upper

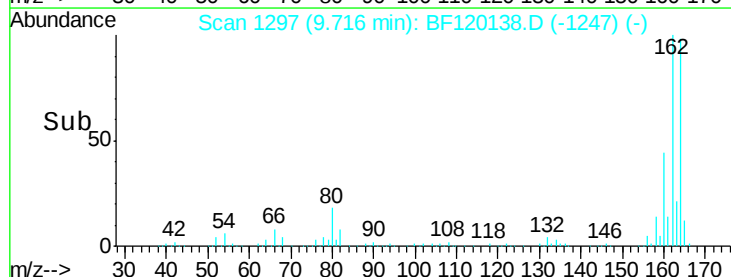
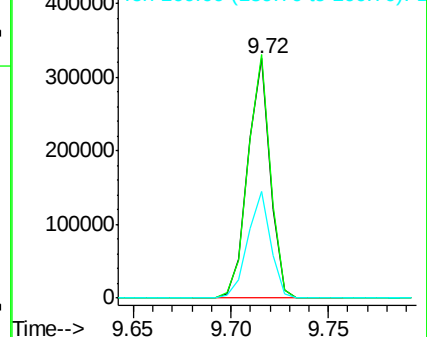
164 100

162 101.8 80.6 121.0

160 44.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

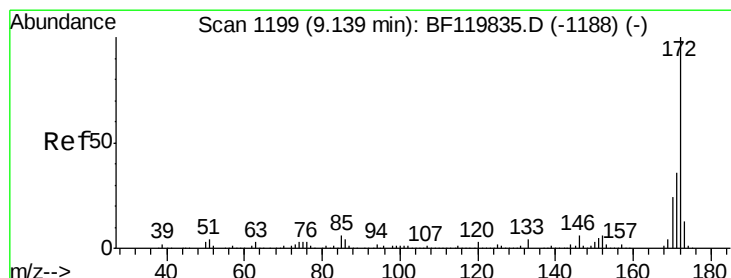
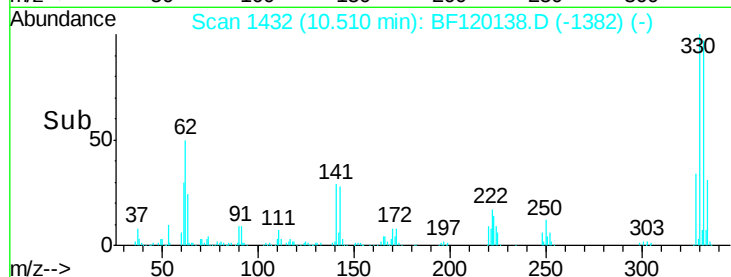
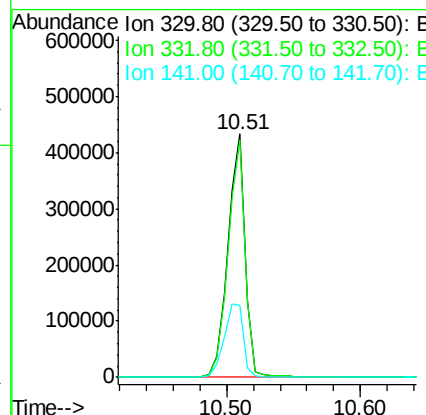
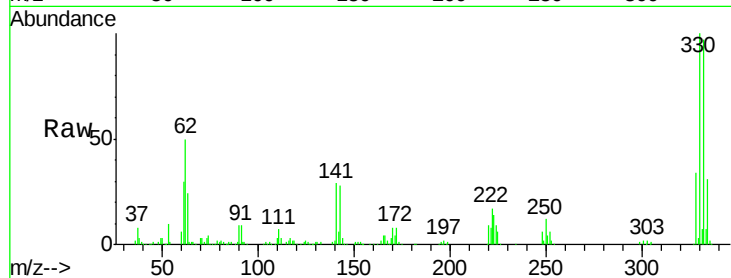




#42
 2,4,6-Tribromophenol
 Concen: 124.343 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

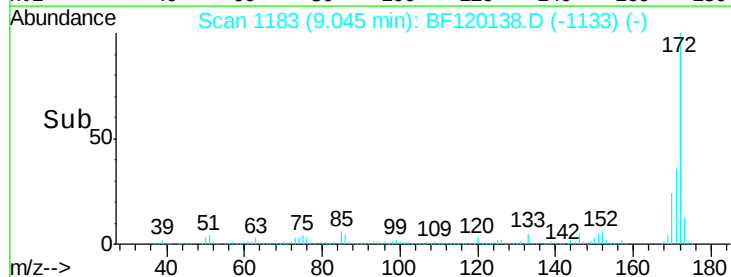
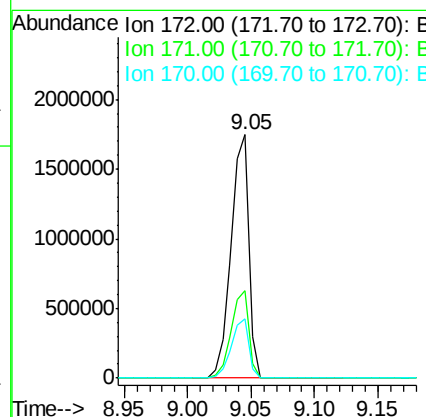
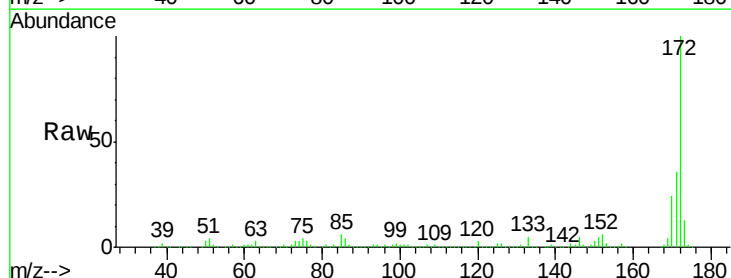
Instrument :
 BNA_F
 ClientSampled :
 TP-17A

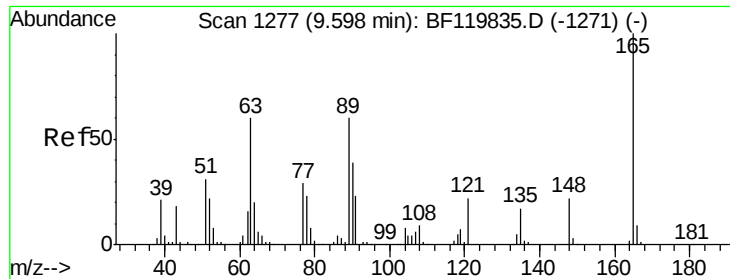
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	34.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 92.359 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	20.2	30.2

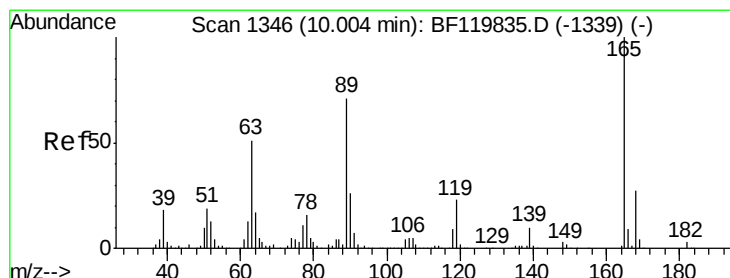
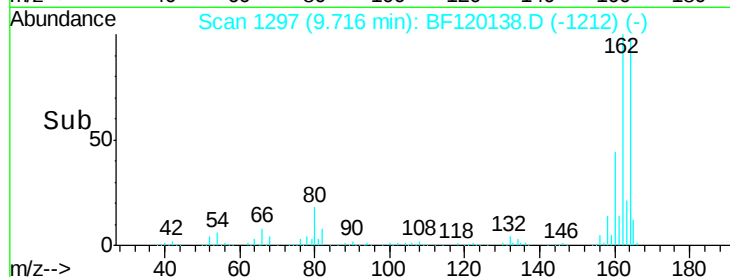
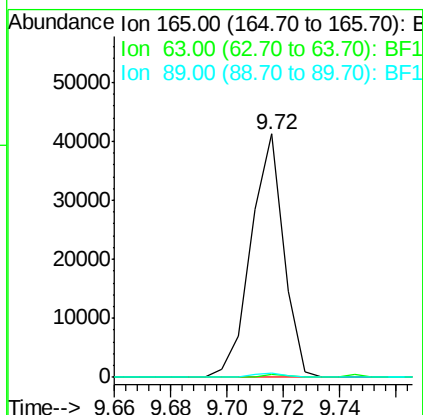
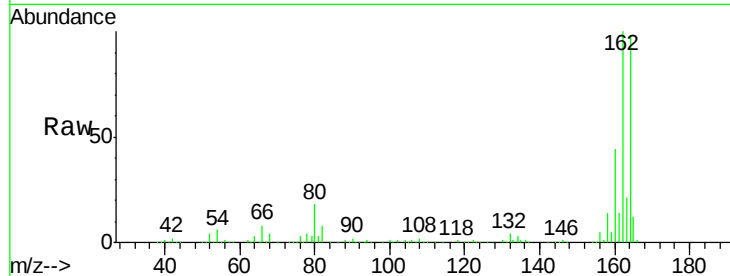




#51
 2,6-Dinitrotoluene
 Concen: 7.512 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

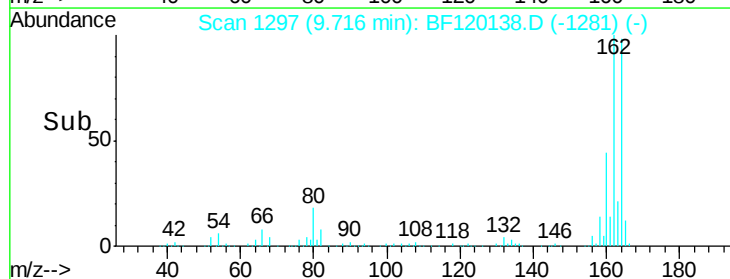
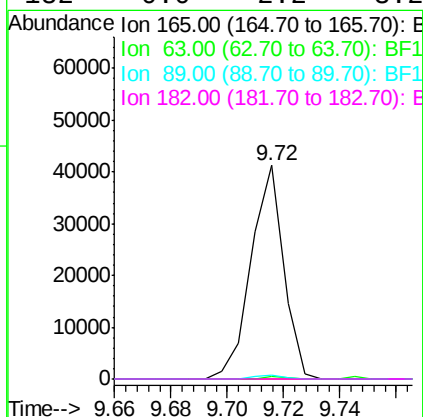
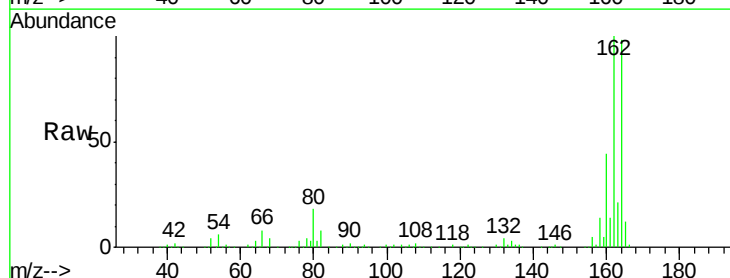
Instrument :
 BNA_F
 ClientSampled :
 TP-17A

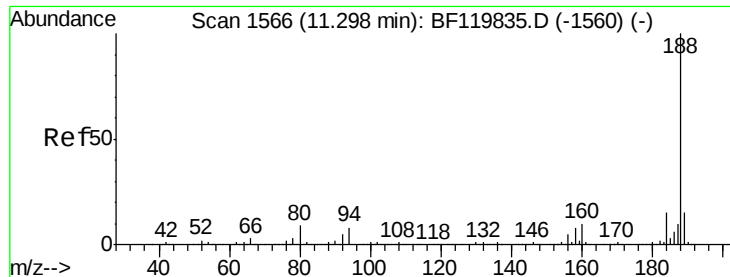
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.8	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.8	61.0	91.4#
182	0.0	2.2	3.2#

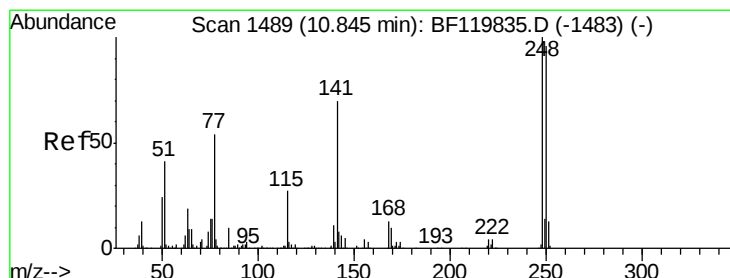
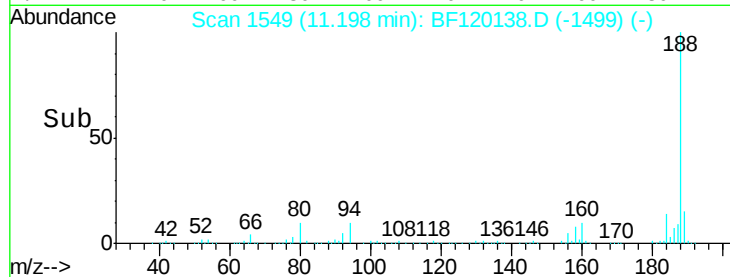
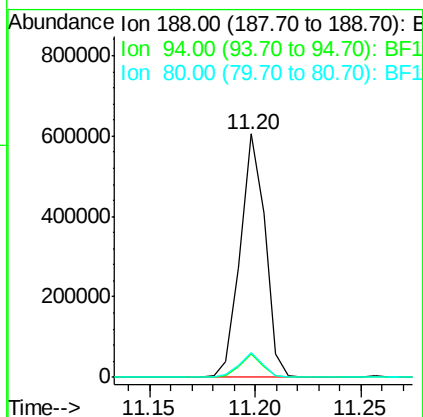
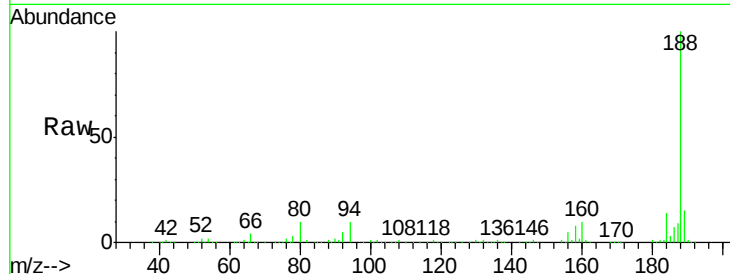




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

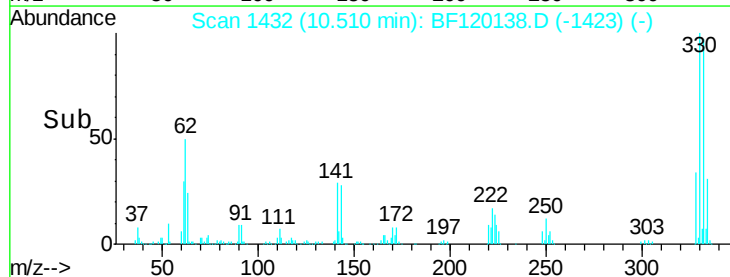
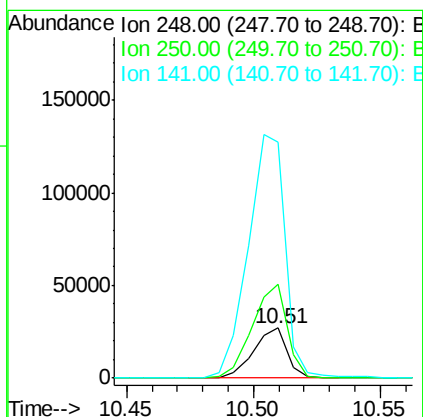
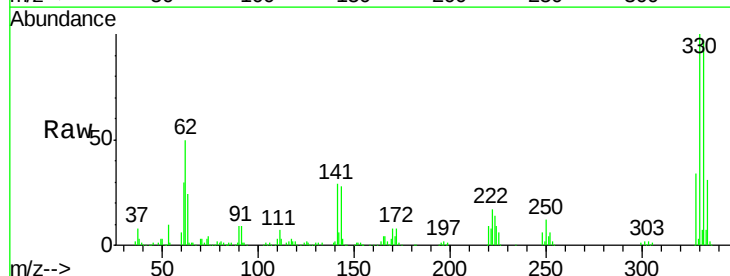
Instrument :
BNA_F
ClientSampled :
TP-17A

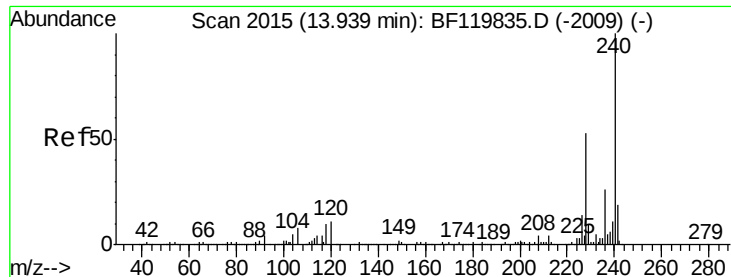
Tot Ion:188 Resp: 492471
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.9 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.093 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

Tgt Ion:248 Resp: 25070
Ion Ratio Lower Upper
248 100
250 188.5 77.3 115.9#
141 471.9 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Instrument :

BNA_F

ClientSampleId :

TP-17A

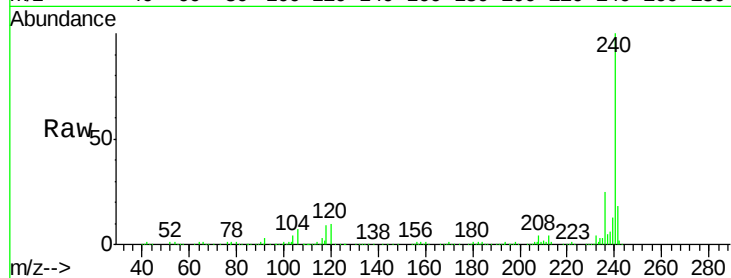
Tot Ion:240 Resp: 397834

Ion Ratio Lower Upper

240 100

120 10.3 10.6 15.8#

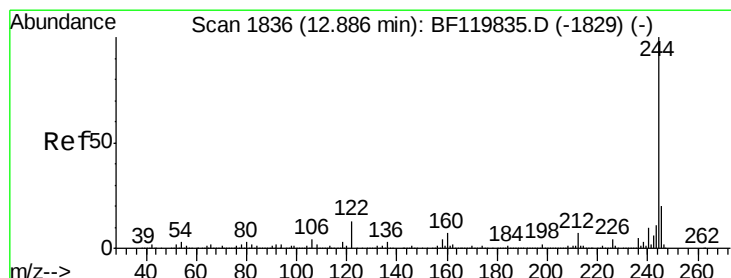
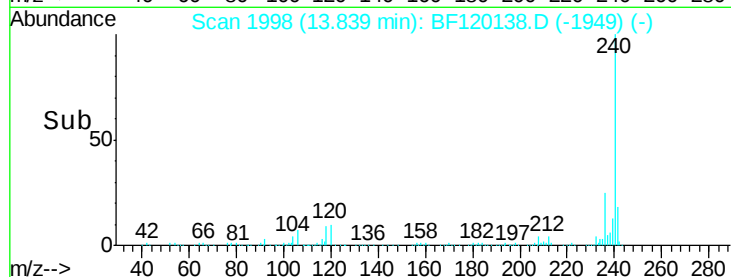
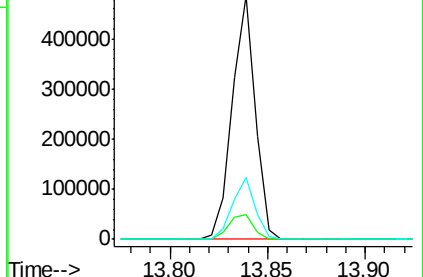
236 25.4 20.2 30.2



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: 84.897 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

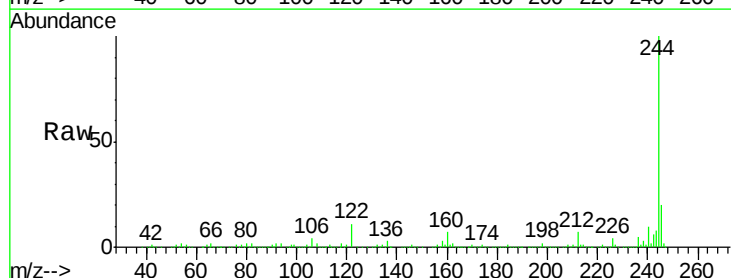
Tgt Ion:244 Resp: 2007238

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

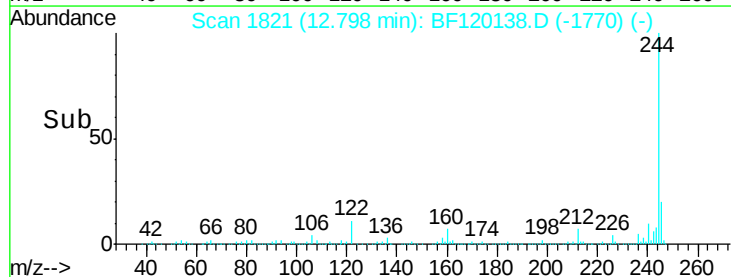
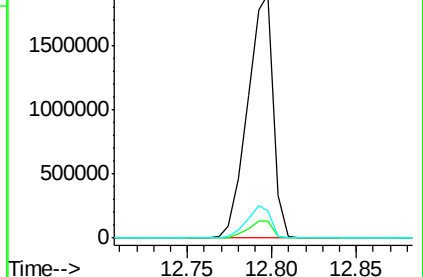
122 11.2 10.3 15.5

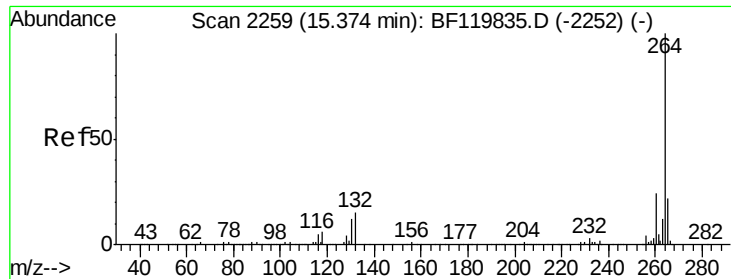


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

Instrument :
BNA_F
ClientSampleId :
TP-17A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.1	17.7	26.5

