

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118633.D
 Acq On : 21 Jan 2020 14:00
 Operator : CG/JU
 Sample : PB126152BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 15:27:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

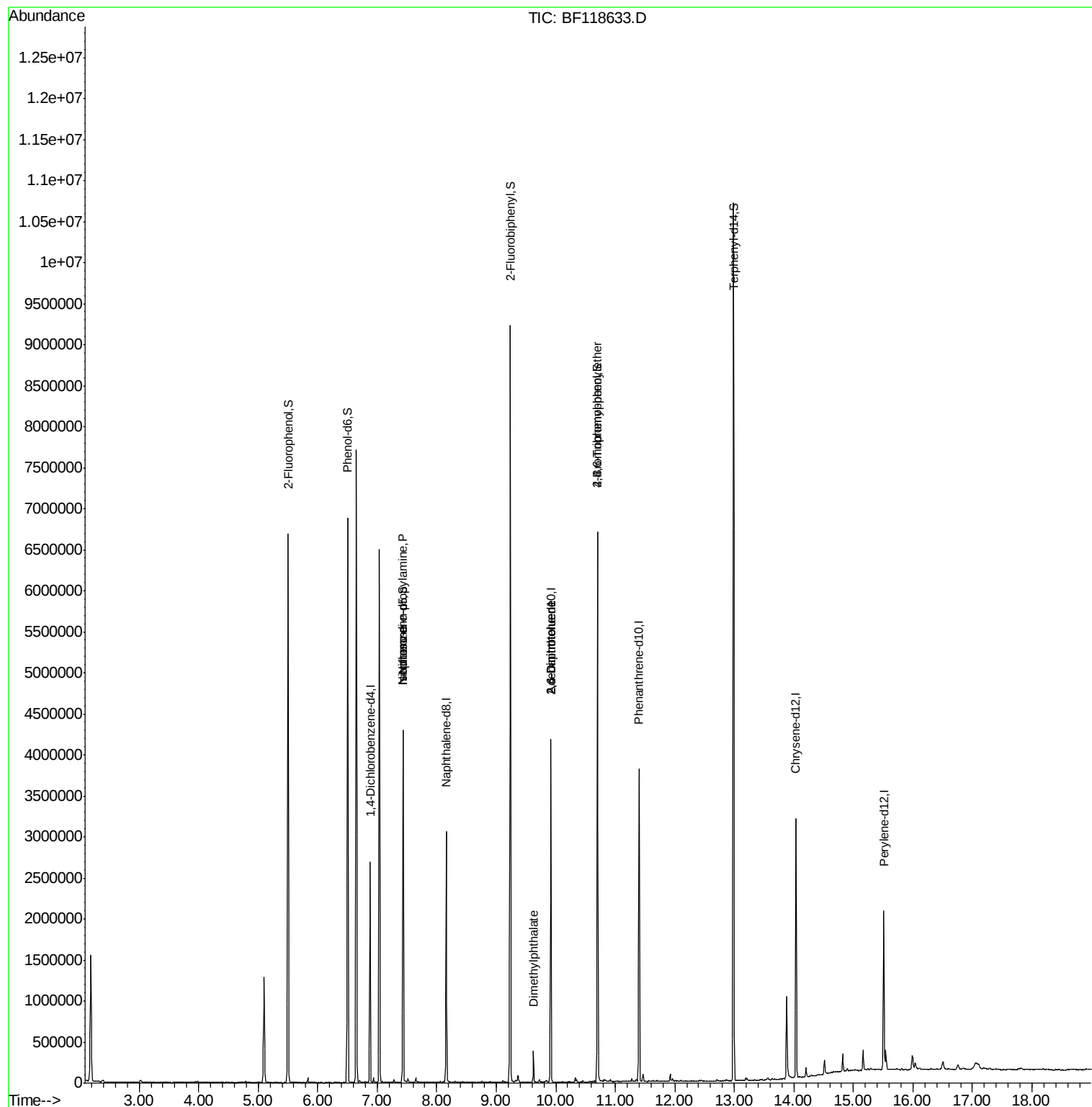
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	378391	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1408714	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	807106	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1492668	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1074983	20.00	ng	-0.01
87) Perylene-d12	15.51	264	919147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1929970	94.73	ng	0.00
7) Phenol-d6	6.50	99	2600176	98.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	1574670	62.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	872543	93.47	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3097631	63.08	ng	0.00
79) Terphenyl-d14	12.99	244	3777741	76.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	218488	12.219	ng	# 77
25) Isophorone	7.43	82	1567077	34.114	ng	# 64
50) Dimethylphthalate	9.63	163	149873	2.850	ng	96
51) 2,6-Dinitrotoluene	9.92	165	105802	8.985	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	105802	7.128	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	54938	2.979	ng	# 1

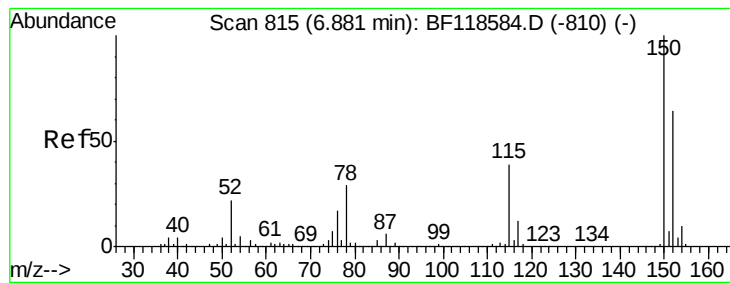
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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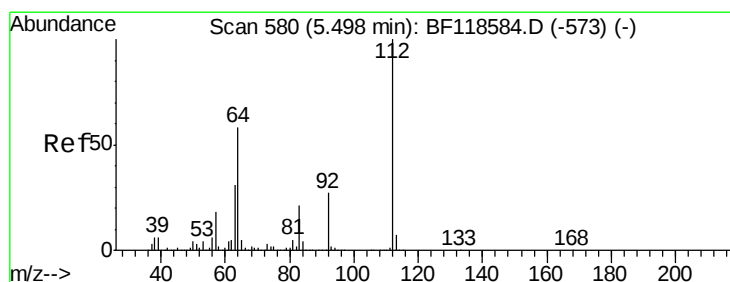
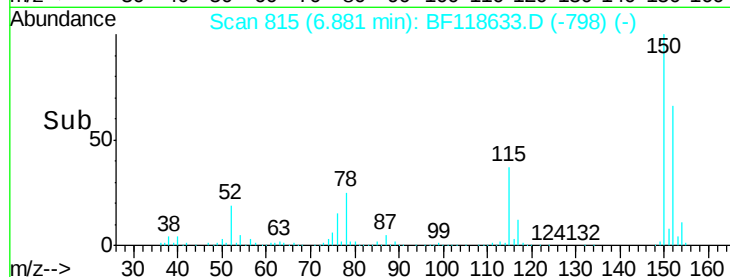
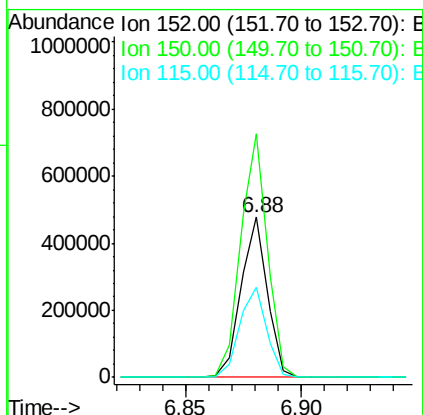
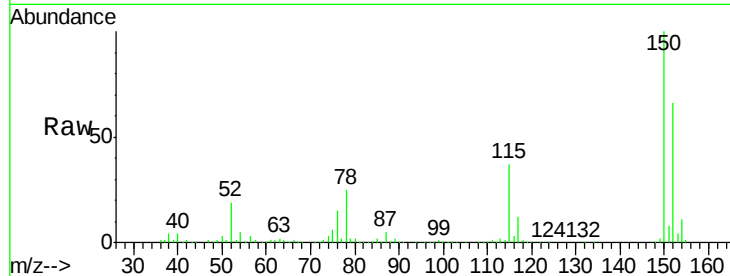


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Instrument :
BNA_F
ClientSampleId :

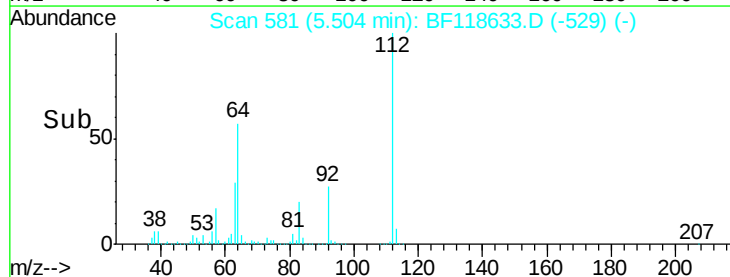
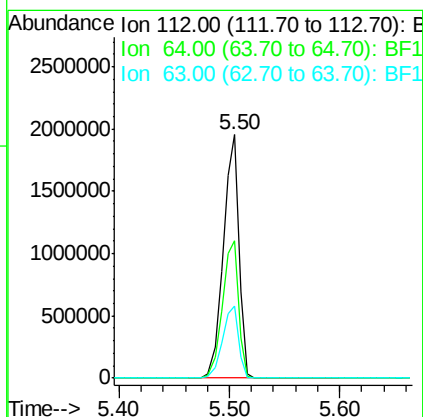
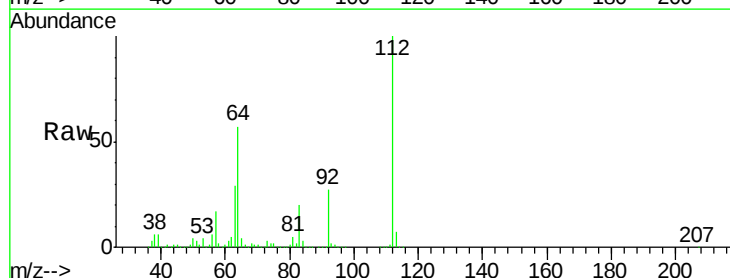
Tot Ion:152 Resp: 378391
Ion Ratio Lower Upper
152 100
150 152.2 125.6 188.4
115 56.1 48.4 72.6



#5

2-Fluorophenol
Concen: 94.729 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Tgt Ion:112 Resp: 1929970
Ion Ratio Lower Upper
112 100
64 56.5 46.6 70.0
63 29.5 25.1 37.7





#7

Phenol-d6

Concen: 98.192 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

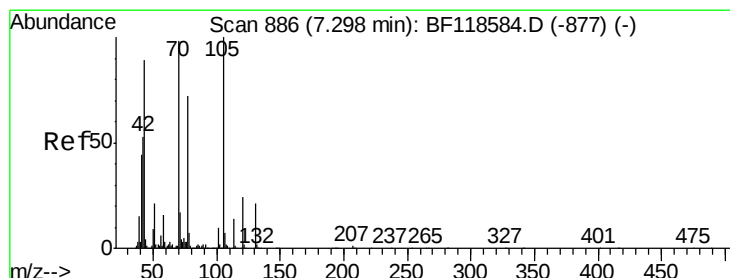
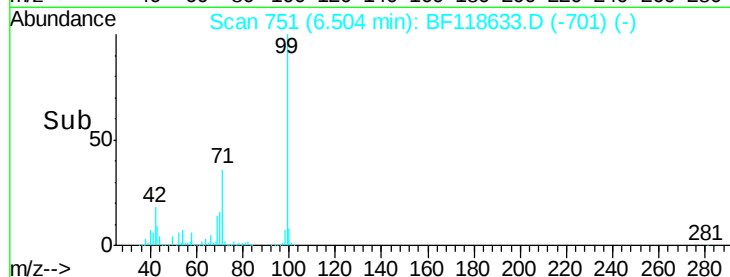
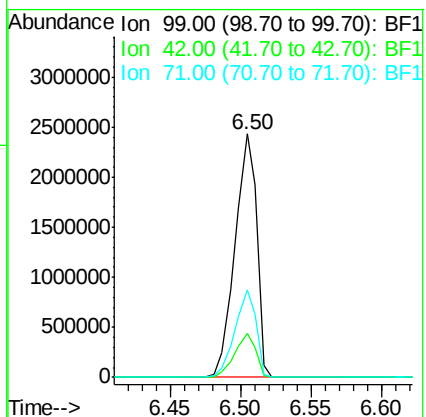
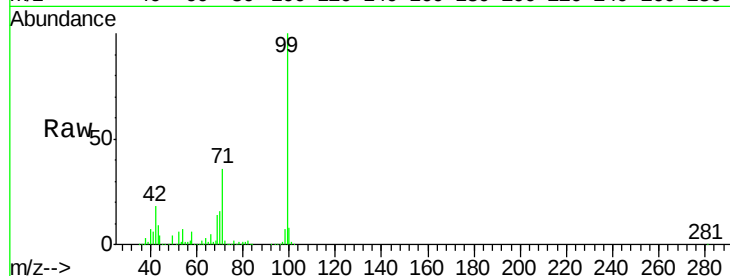
Tot Ion: 99 Resp: 2600176

Ion Ratio Lower Upper

99 100

42 18.1 14.2 21.2

71 35.7 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.219 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Tgt Ion: 70 Resp: 218488

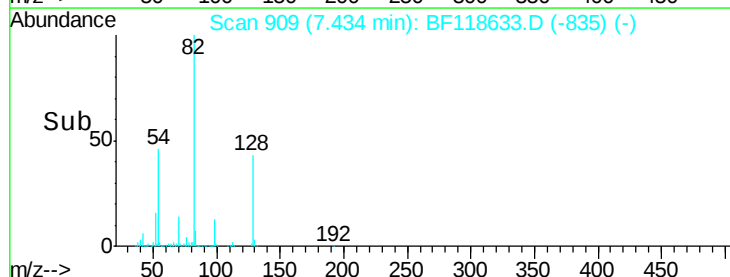
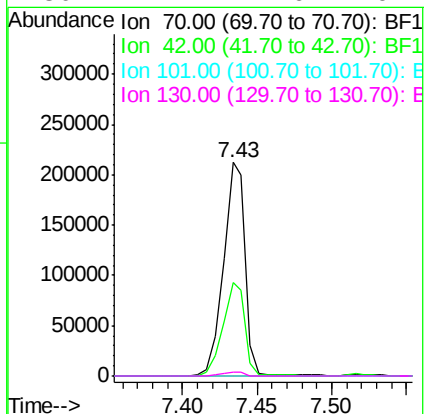
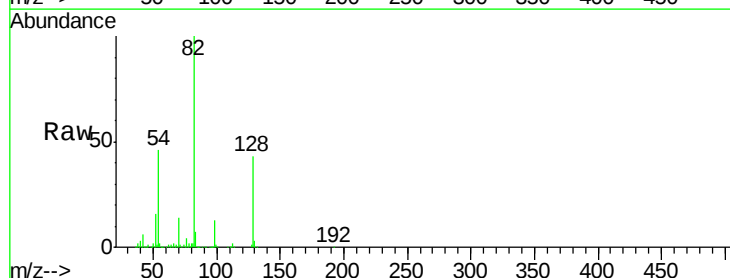
Ion Ratio Lower Upper

70 100

42 43.7 43.4 65.0

101 0.0 8.1 12.1#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1408714

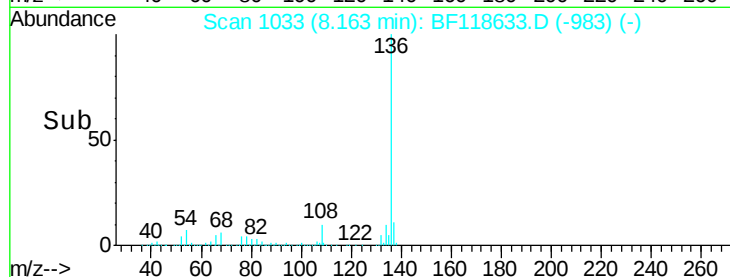
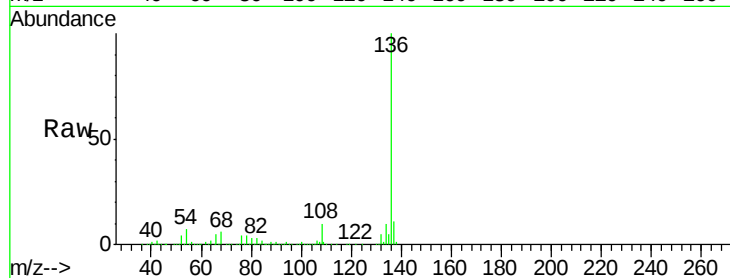
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.9 5.8 8.6

68 6.1 5.0 7.4

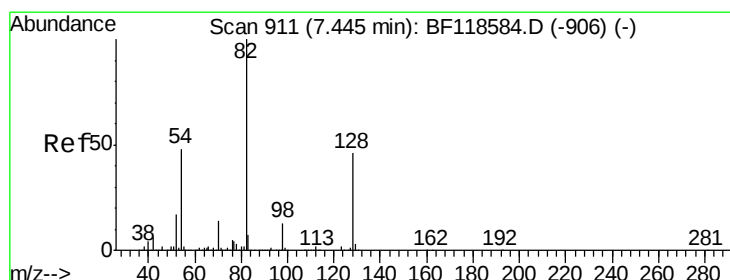
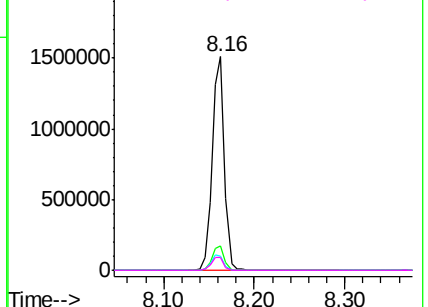


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.523 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

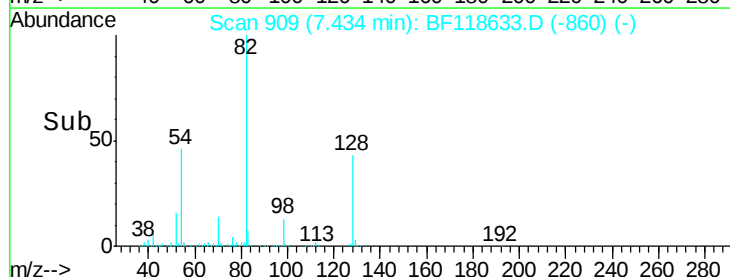
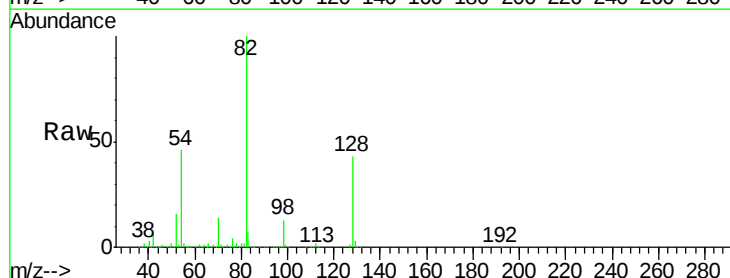
Tgt Ion: 82 Resp: 1574670

Ion Ratio Lower Upper

82 100

128 43.1 36.6 54.8

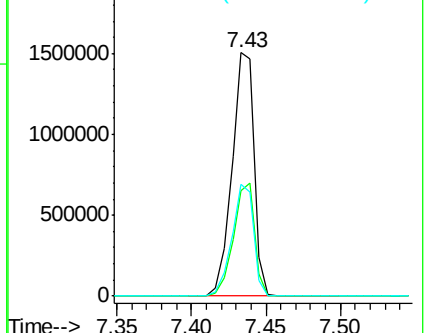
54 45.9 38.0 57.0



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: 34.114 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

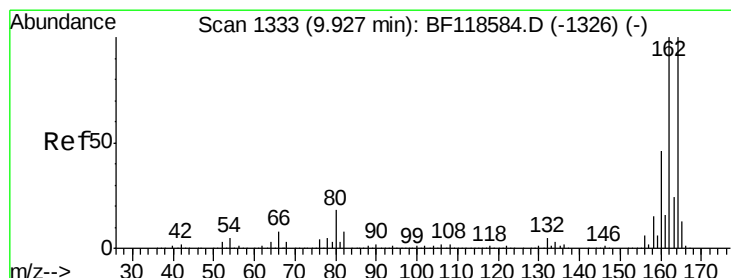
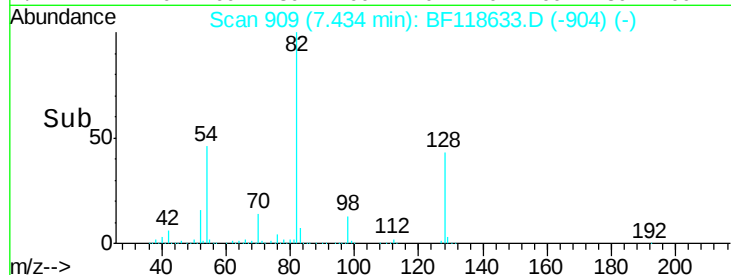
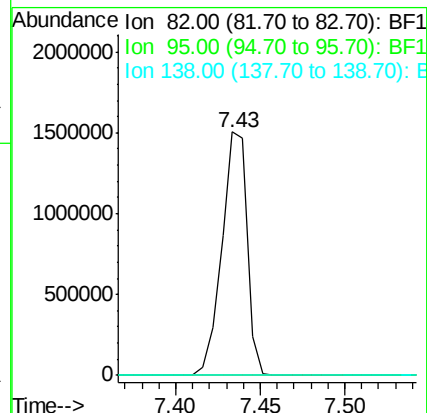
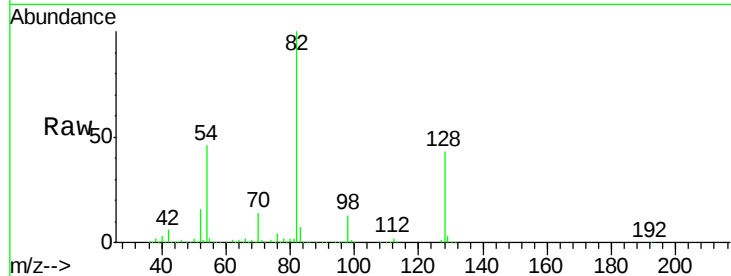
Tot Ion: 82 Resp: 1567077

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 15.3 22.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

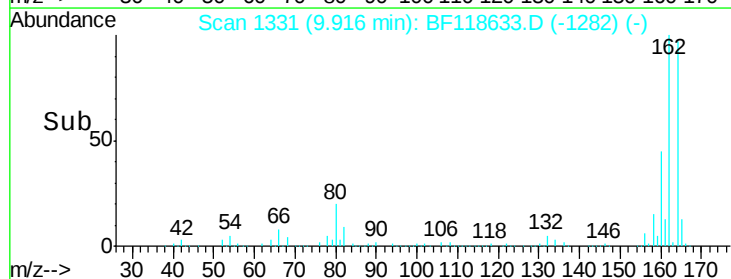
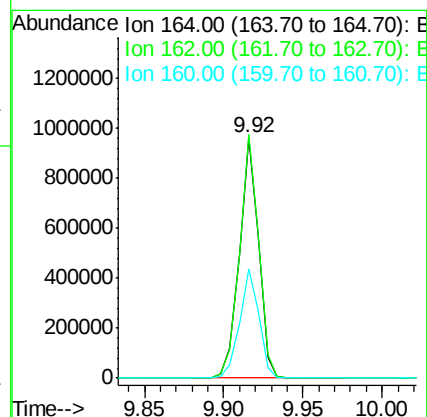
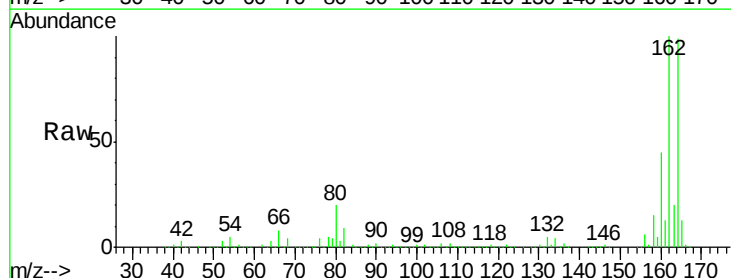
Tgt Ion:164 Resp: 807106

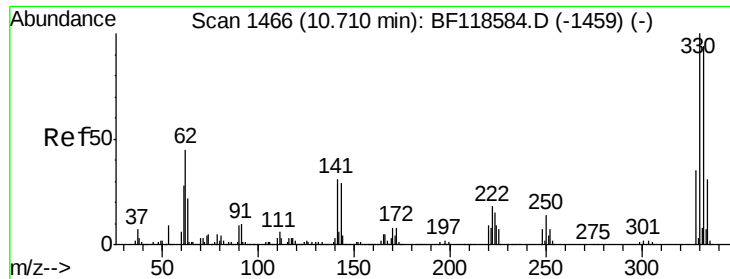
Ion Ratio Lower Upper

164 100

162 101.5 80.4 120.6

160 45.6 36.6 55.0

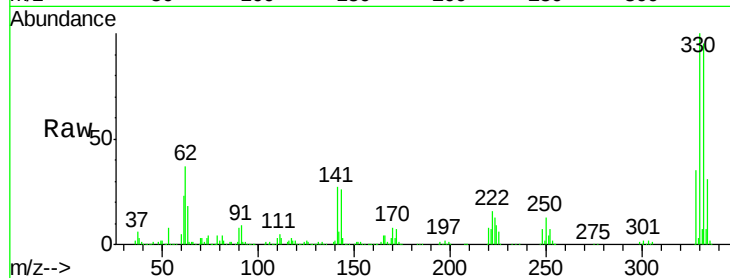




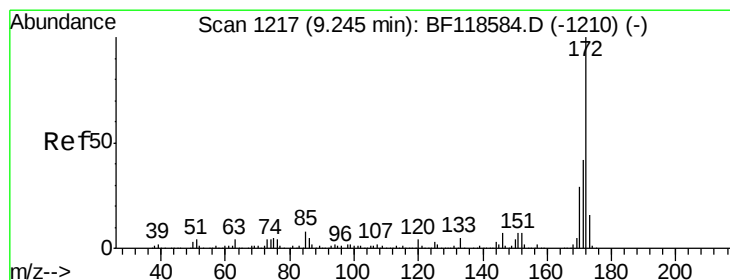
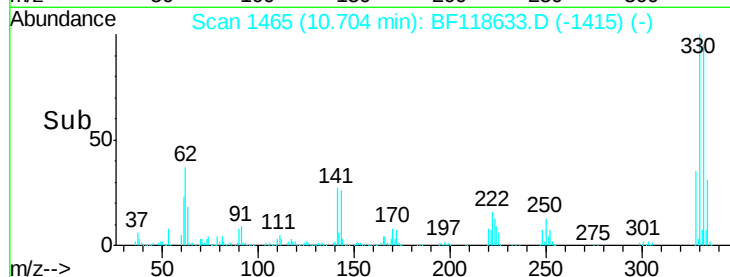
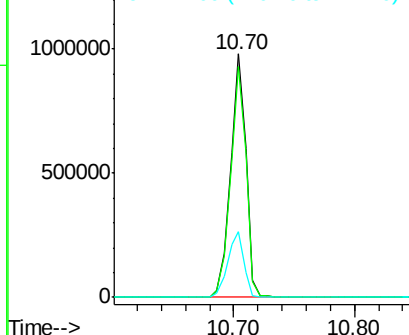
#42
 2,4,6-Tribromophenol
 Concen: 93.468 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	28.4	23.9	35.9

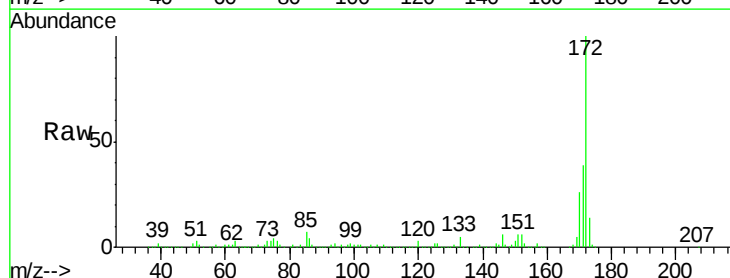


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

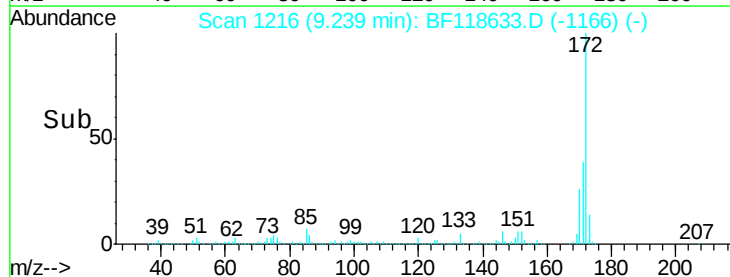
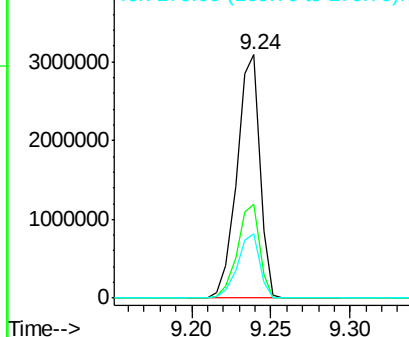


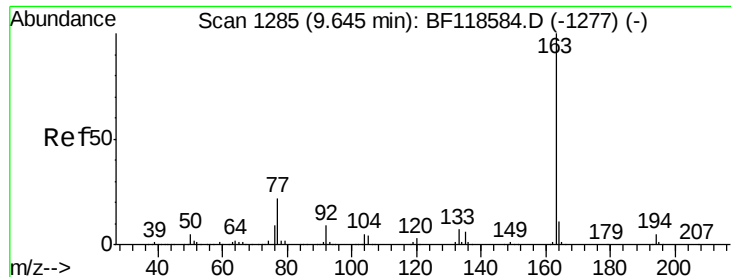
#45
 2-Fluorobiphenyl
 Concen: 63.081 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	33.4	50.2
170	26.3	23.2	34.8



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





#50

Dimethylphthalate

Concen: 2.850 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

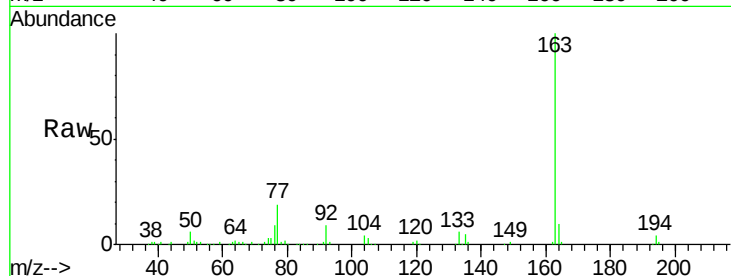
Tot Ion:163 Resp: 149873

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

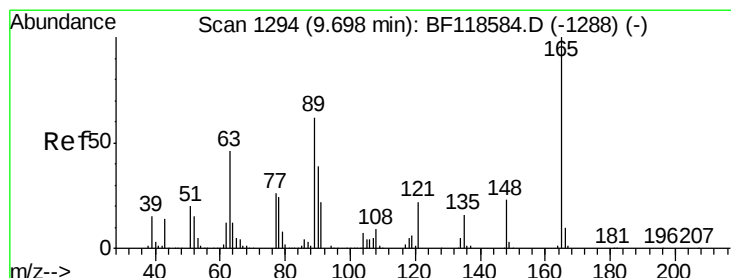
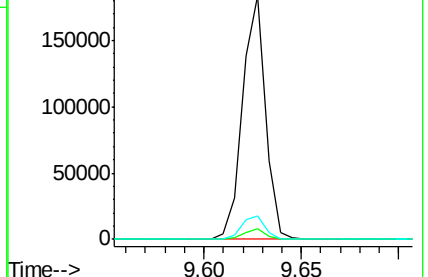
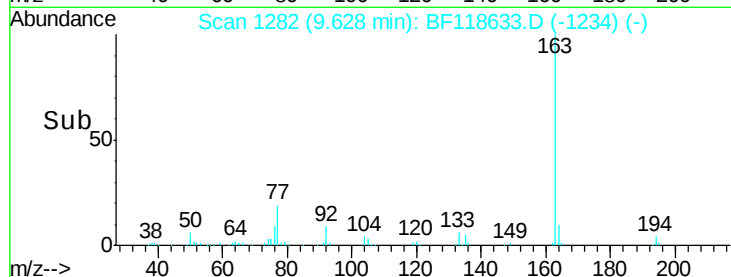
164 9.7 9.1 13.7



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: 8.985 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

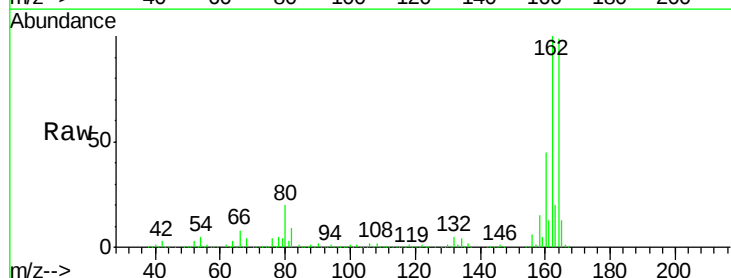
Tgt Ion:165 Resp: 105802

Ion Ratio Lower Upper

165 100

63 0.8 48.9 73.3#

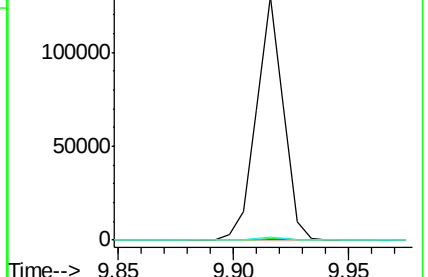
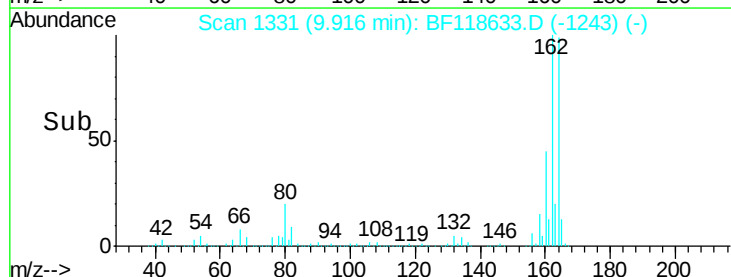
89 1.4 49.8 74.6#

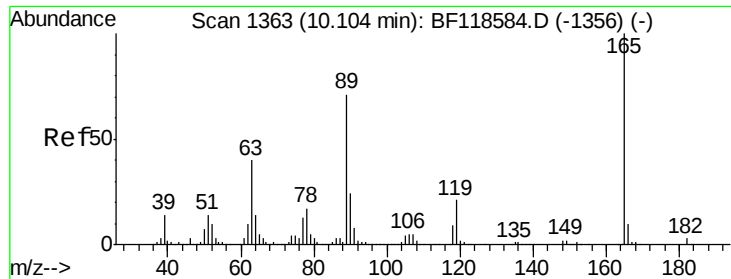


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

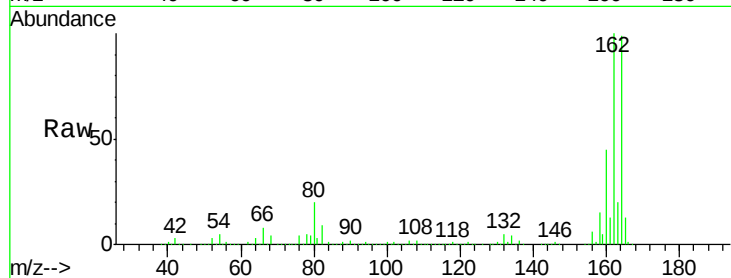




#57
 2,4-Dinitrotoluene
 Concen: 7.128 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	105802
Ion Ratio	Lower	Upper
165	100	
63	0.8	32.4 48.6#
89	1.4	56.4 84.6#
182	0.0	2.3 3.5#

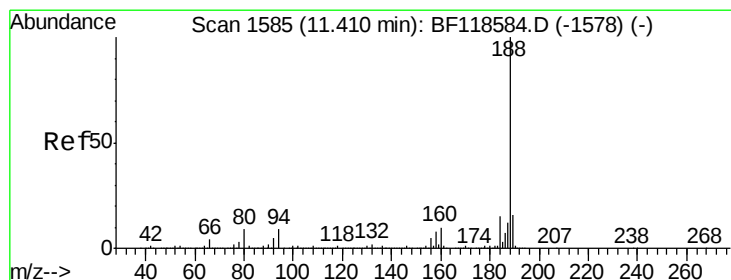
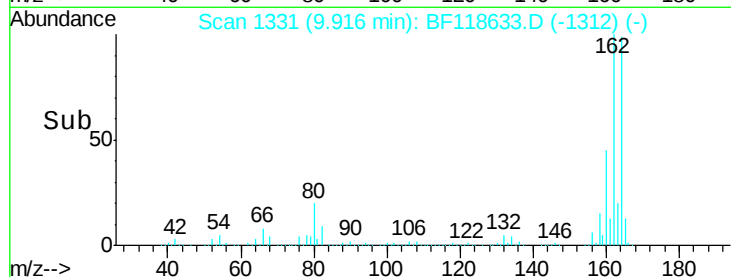
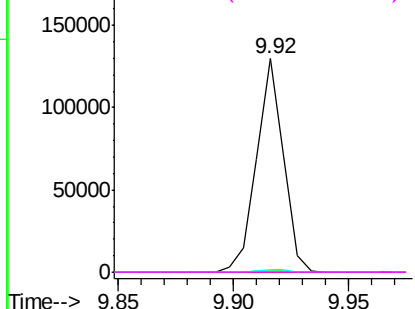


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

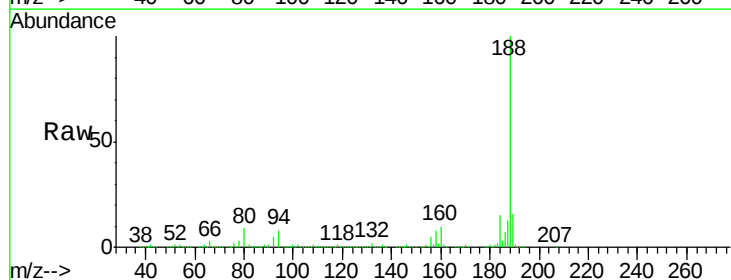
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

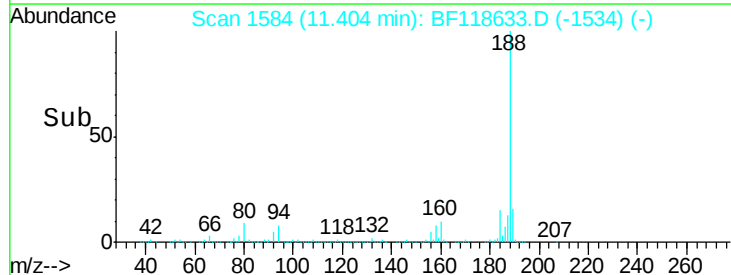
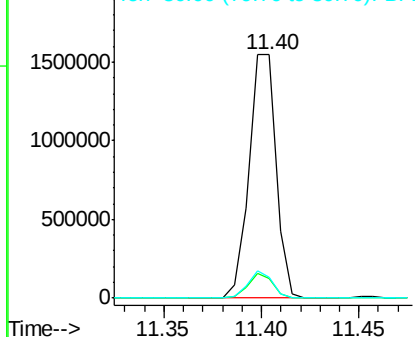
Tgt Ion:188	Resp:	1492668
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.1 10.7
80	8.7	7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

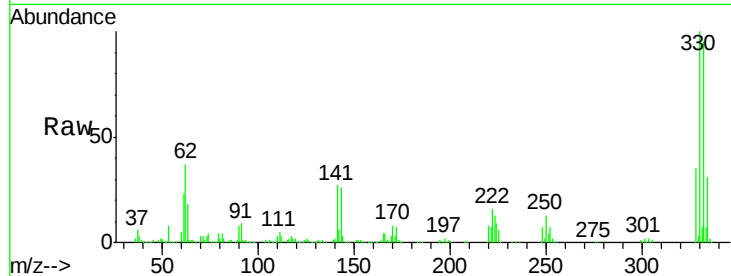




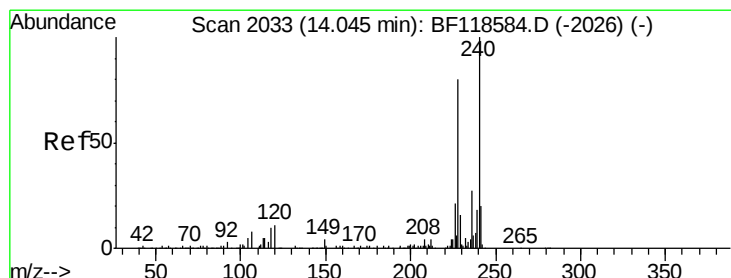
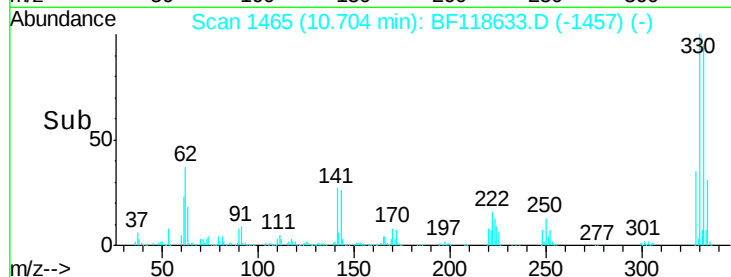
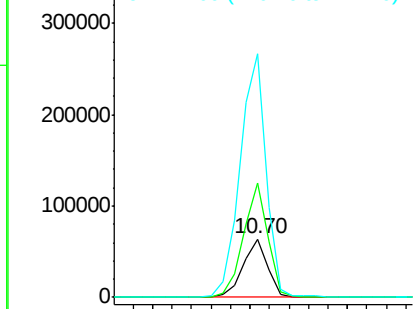
#67
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 54938
Ion Ratio Lower Upper
248 100
250 196.8 78.7 118.1#
141 417.9 43.2 64.8#

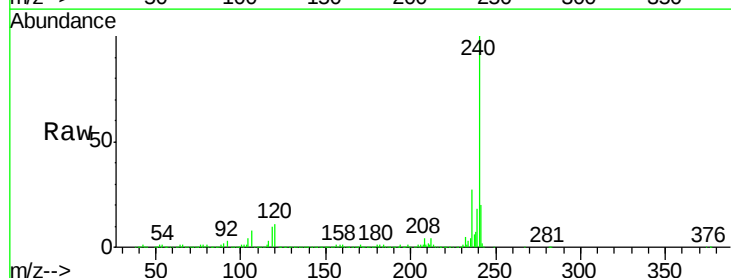


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

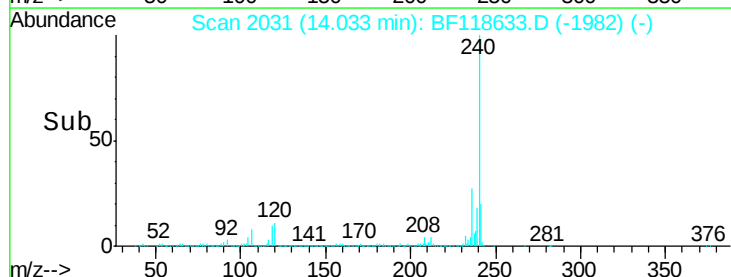
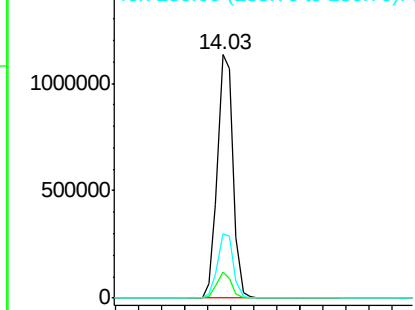


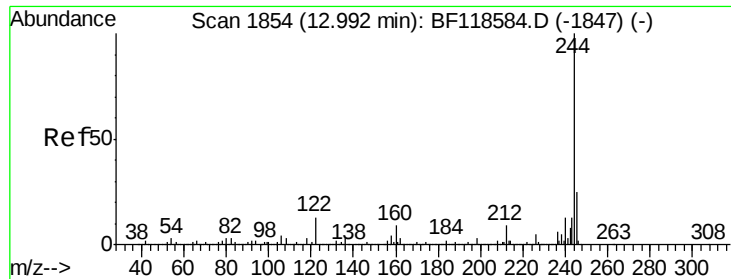
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Tgt Ion:240 Resp: 1074983
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.6 21.5 32.3



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: 76.649 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

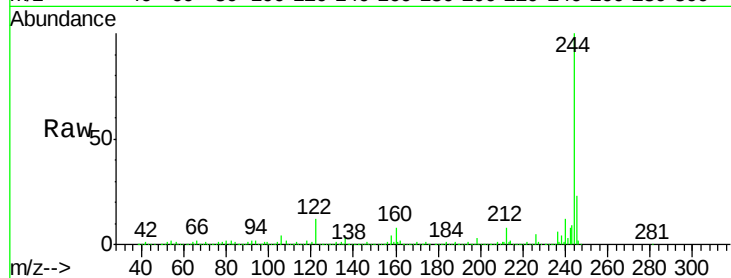
Tot Ion:244 Resp: 3777741

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

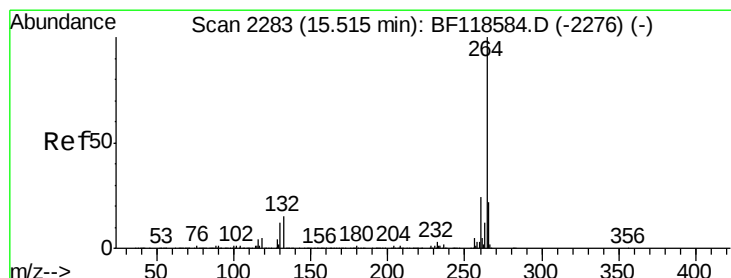
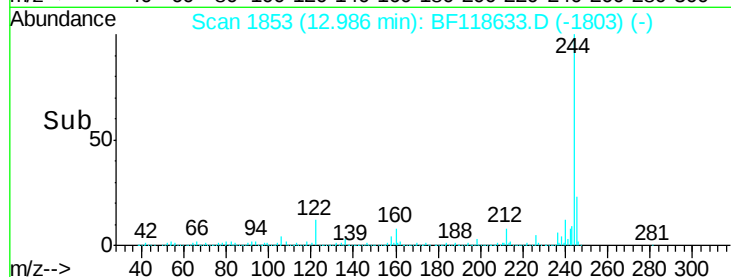
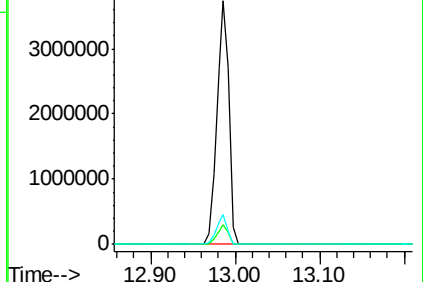
122 12.1 10.7 16.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

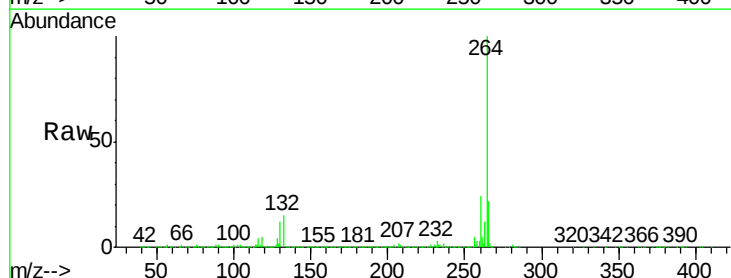
Tgt Ion:264 Resp: 919147

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

