

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118658.D
 Acq On : 22 Jan 2020 10:24
 Operator : CG/JU
 Sample : PB126132BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 11:58:19 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

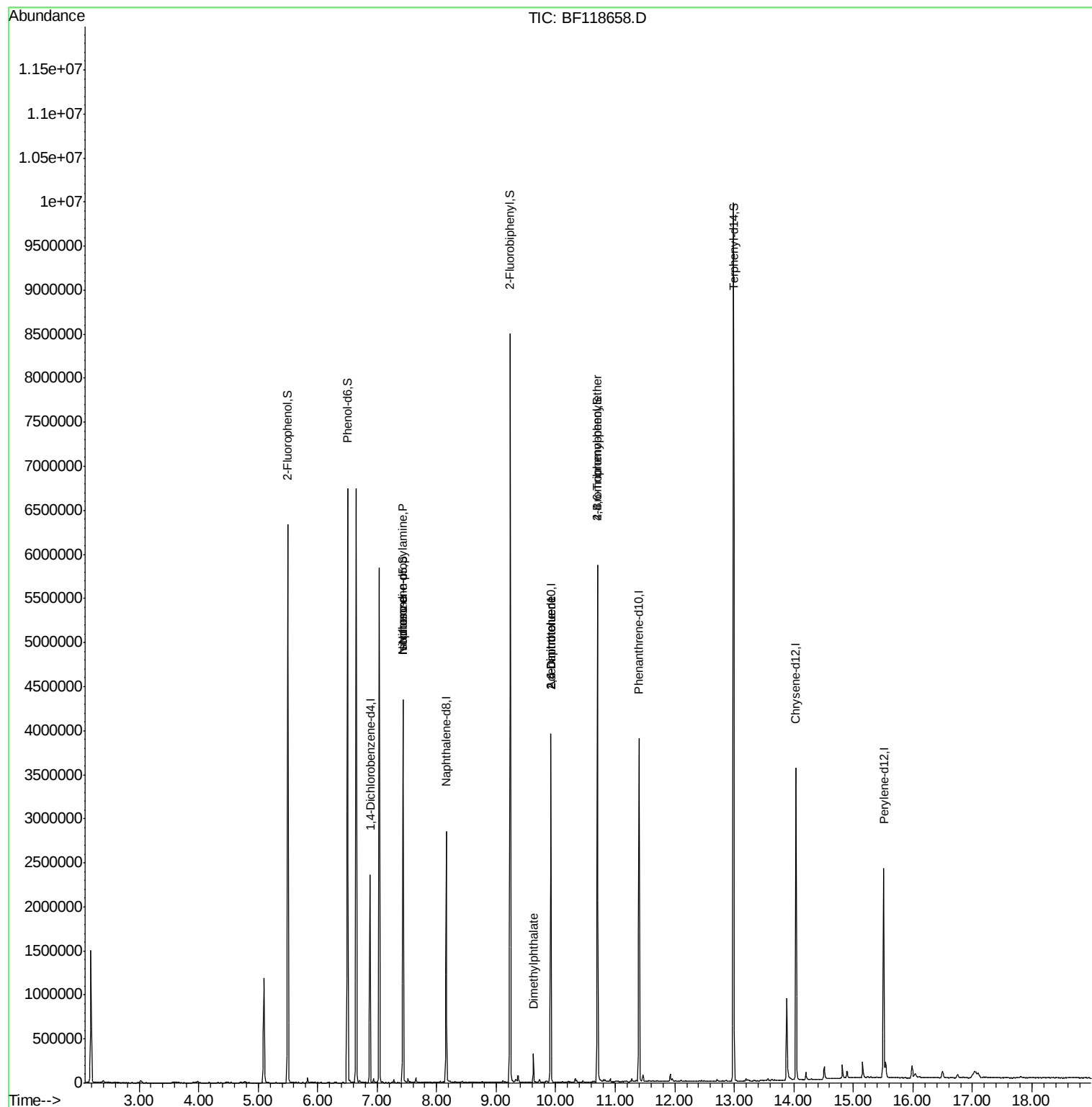
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	377266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1395135	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	781028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1454548	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1231977	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1181147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1857407	91.44	ng	0.00
7) Phenol-d6	6.50	99	2479160	93.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	1540701	61.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	814652	90.18	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2935466	61.77	ng	-0.01
79) Terphenyl-d14	12.99	244	3745017	66.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	208575	11.700	ng	# 77
25) Isophorone	7.43	82	1540669	33.865	ng	# 64
50) Dimethylphthalate	9.63	163	144232	2.834	ng	96
51) 2,6-Dinitrotoluene	9.92	165	102688	9.012	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	102690	7.149	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	52105	2.899	ng	# 1

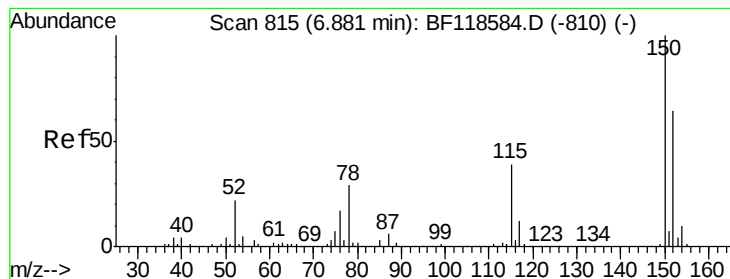
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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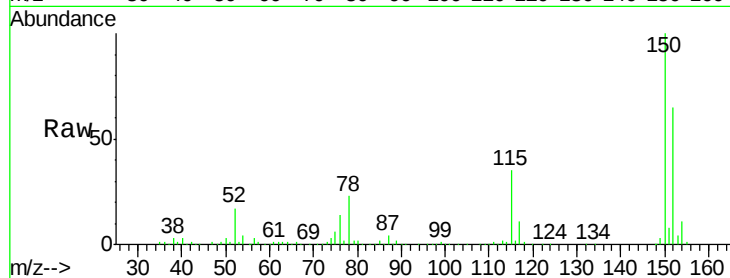


#1

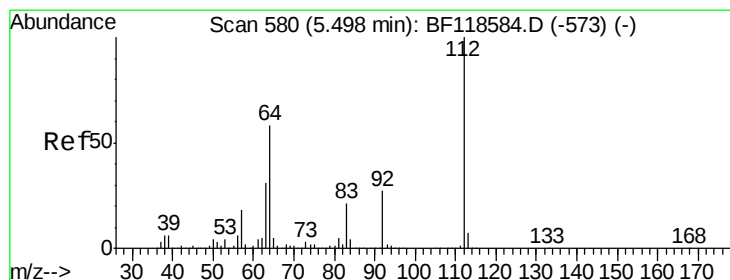
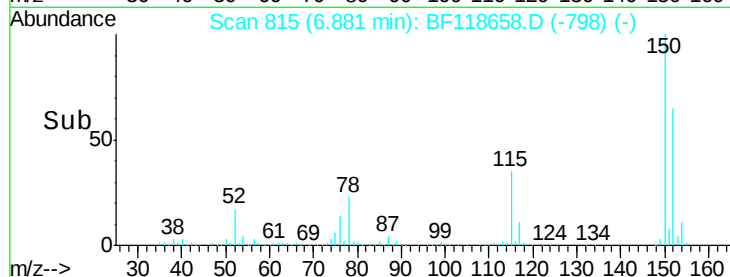
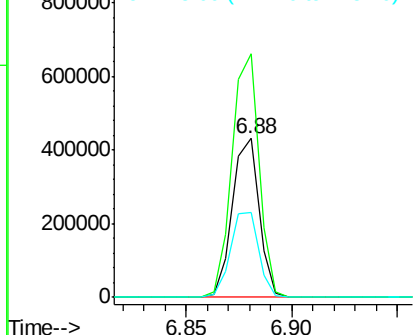
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 377266
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 53.8 48.4 72.6



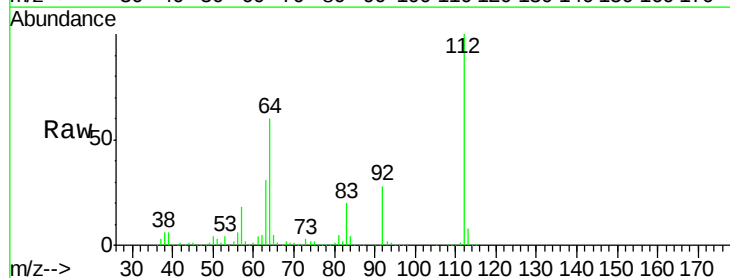
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



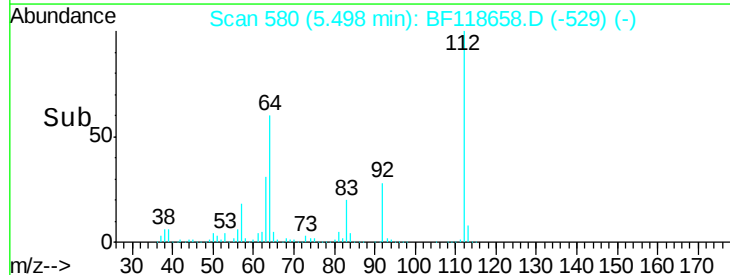
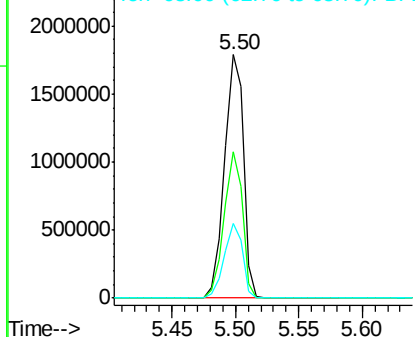
#5

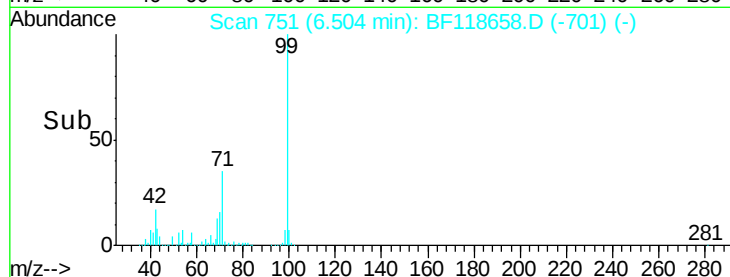
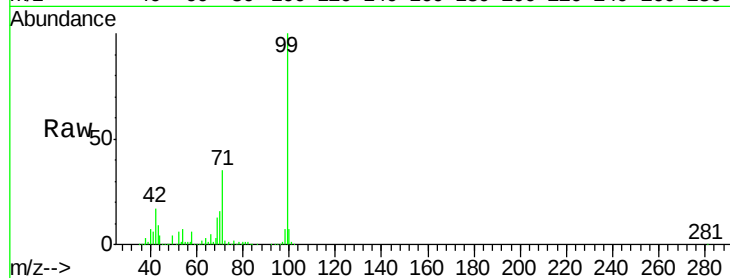
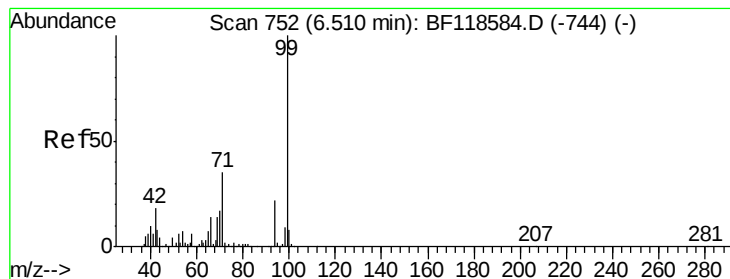
2-Fluorophenol
Concen: 91.439 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Tgt Ion:112 Resp: 1857407
Ion Ratio Lower Upper
112 100
64 60.3 46.6 70.0
63 30.8 25.1 37.7



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: 93.901 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

BNA_F

ClientSampleId :

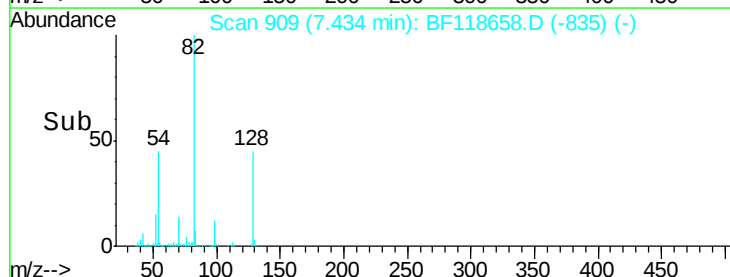
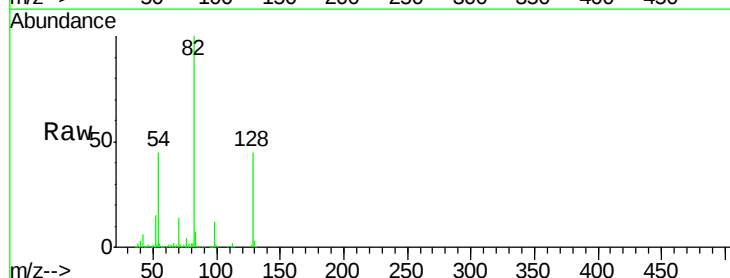
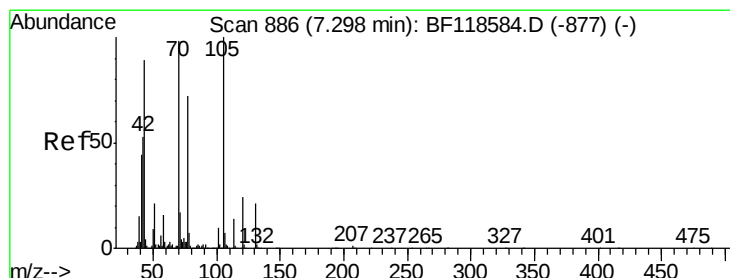
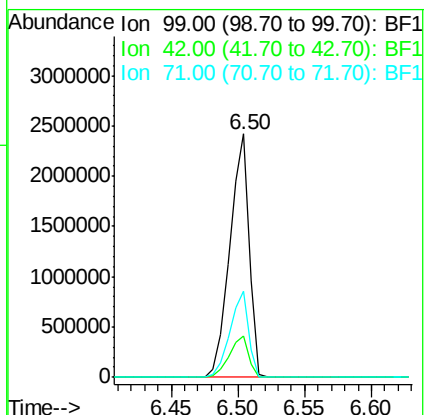
Tot Ion: 99 Resp: 2479160

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

71 35.4 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.700 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Tgt Ion: 70 Resp: 208575

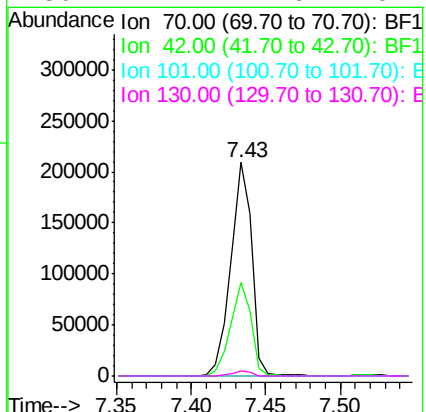
Ion Ratio Lower Upper

70 100

42 43.7 43.4 65.0

101 0.0 8.1 12.1#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1395135

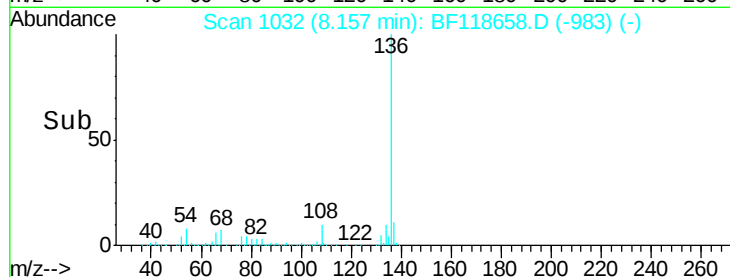
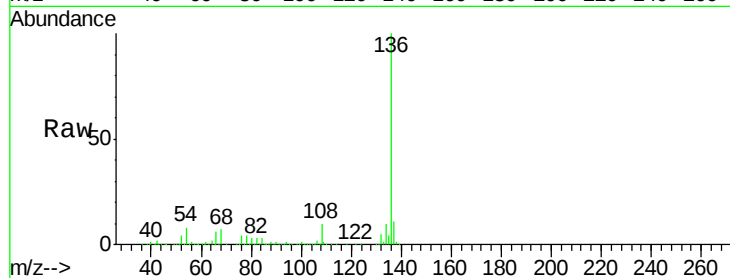
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 5.8 8.6

68 6.9 5.0 7.4

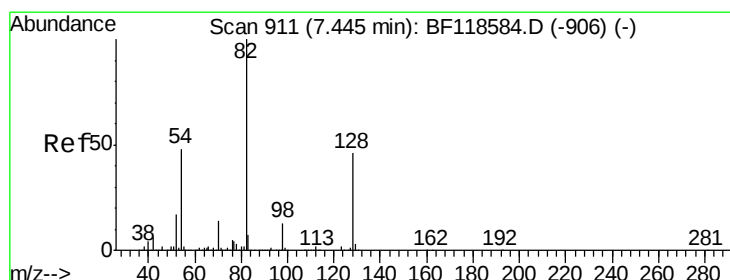
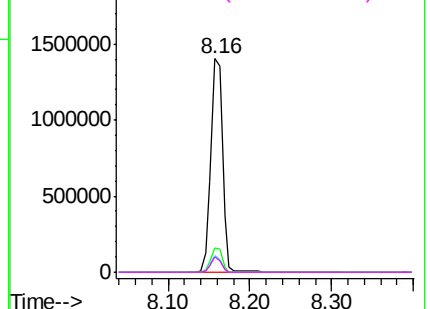


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.770 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

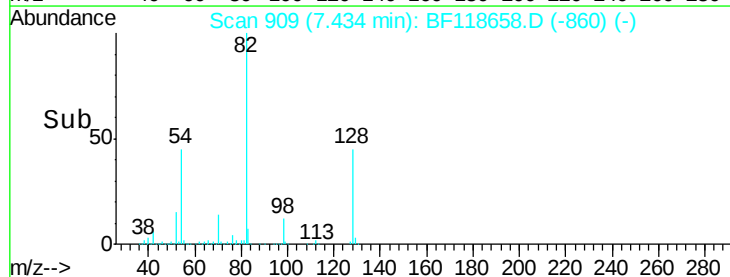
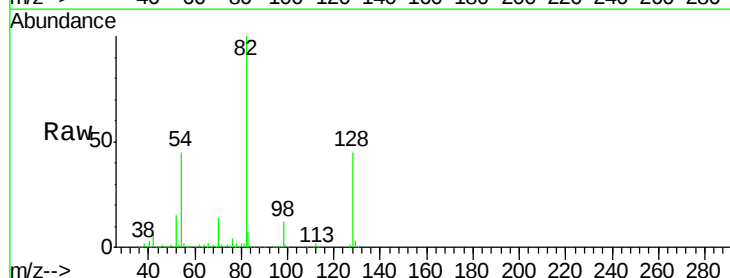
Tgt Ion: 82 Resp: 1540701

Ion Ratio Lower Upper

82 100

128 45.0 36.6 54.8

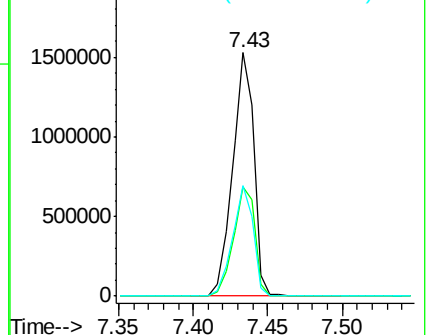
54 45.5 38.0 57.0



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: 33.865 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

BNA_F

ClientSampleId :

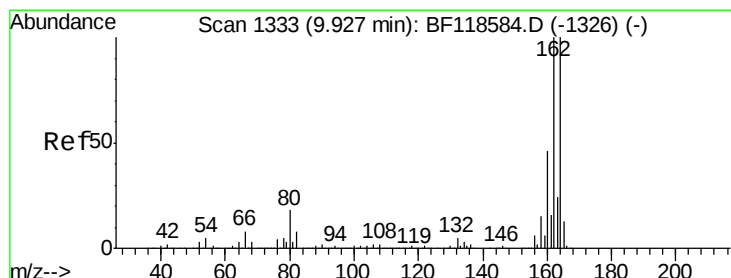
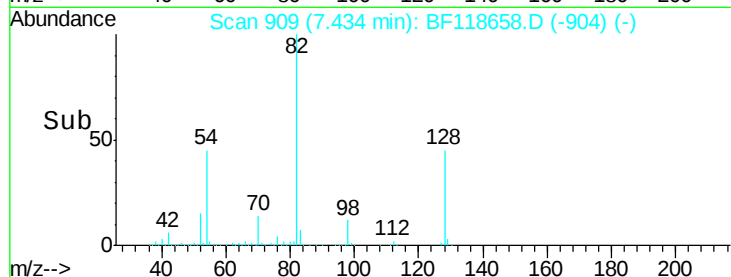
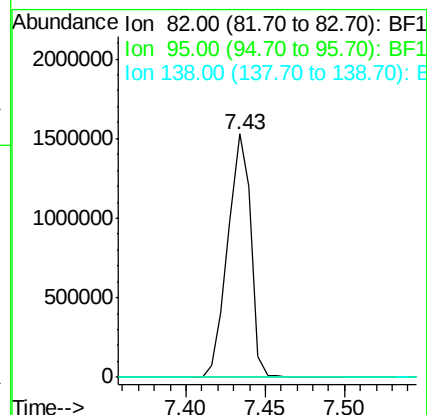
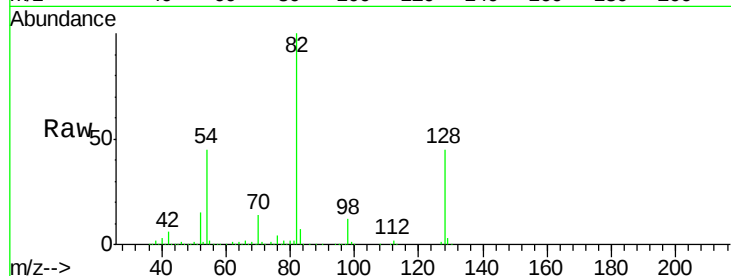
Tot Ion: 82 Resp: 1540669

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: BF118658.D

Acq: 22 Jan 2020 10:24

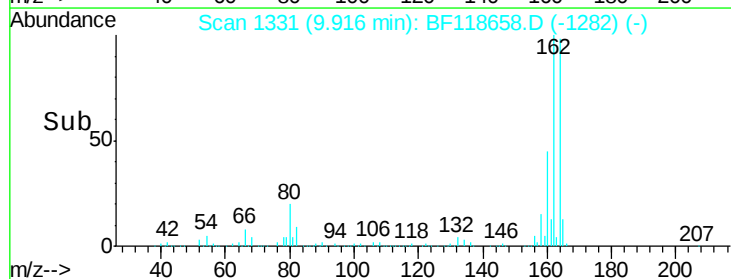
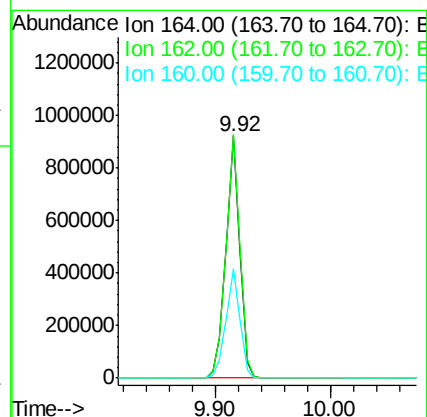
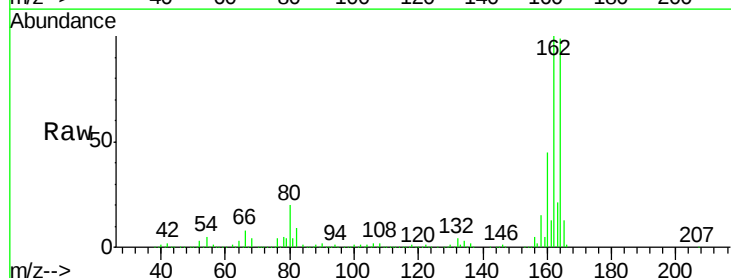
Tgt Ion:164 Resp: 781028

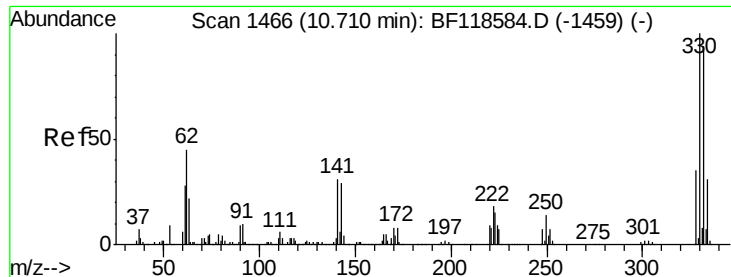
Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

160 45.3 36.6 55.0

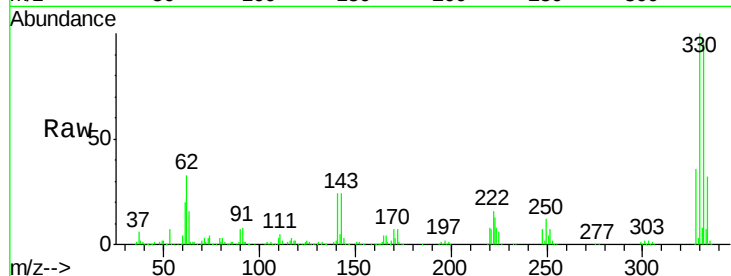




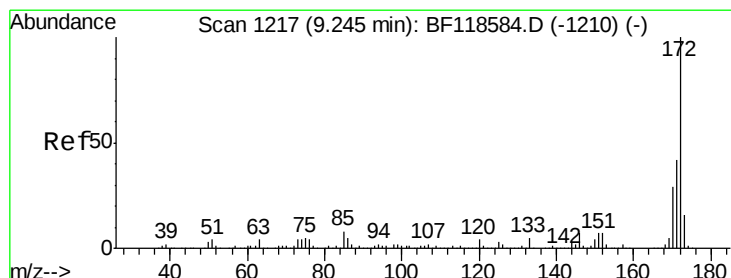
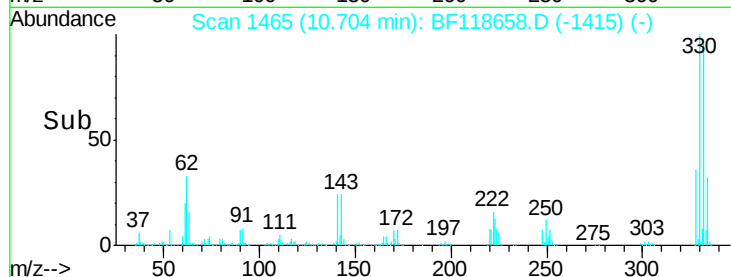
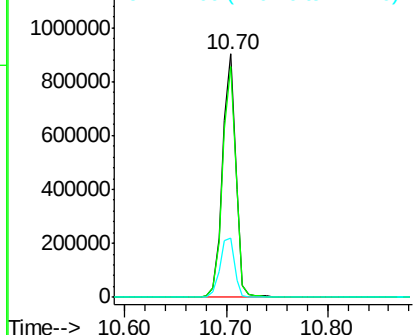
#42
 2,4,6-Tribromophenol
 Concen: 90.180 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 814652
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 27.5 23.9 35.9

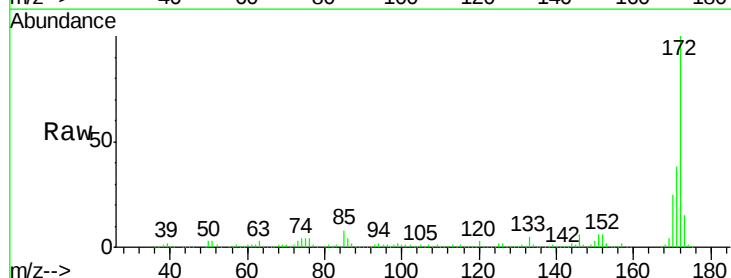


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

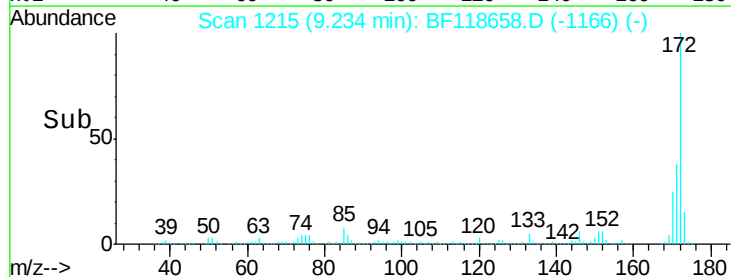
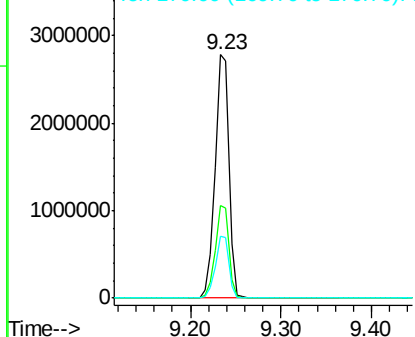


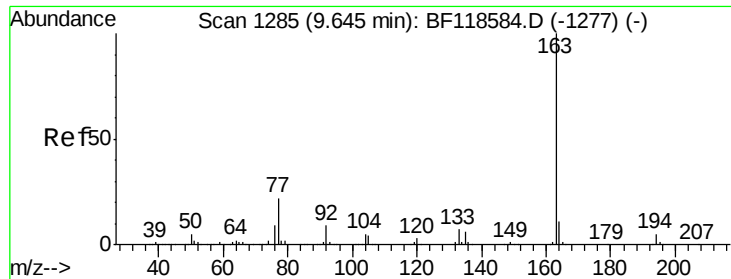
#45
 2-Fluorobiphenyl
 Concen: 61.775 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Tgt Ion:172 Resp: 2935466
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.4 50.2
 170 25.4 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

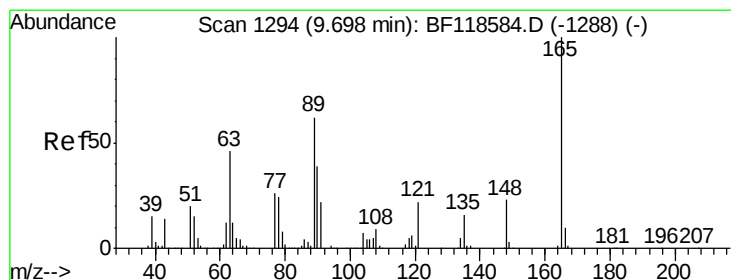
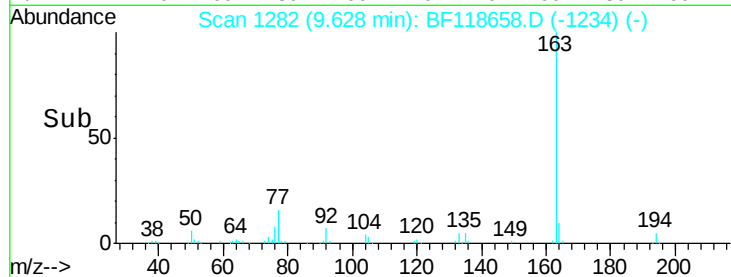
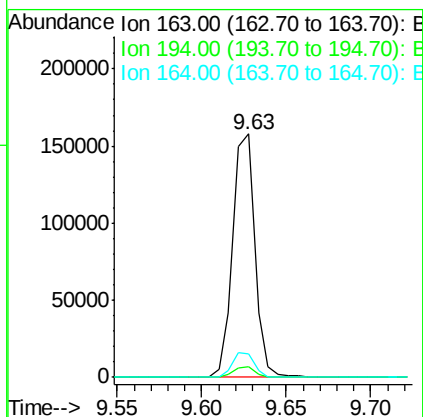
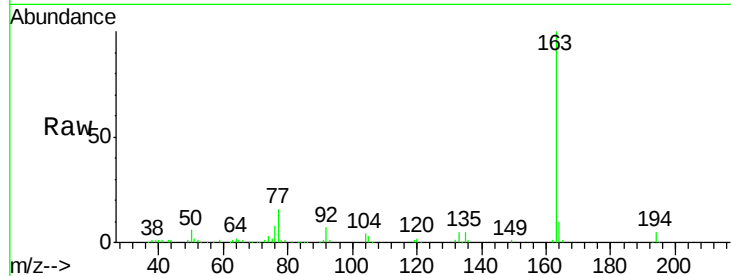




#50
Dimethylphthalate
Concen: 2.834 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

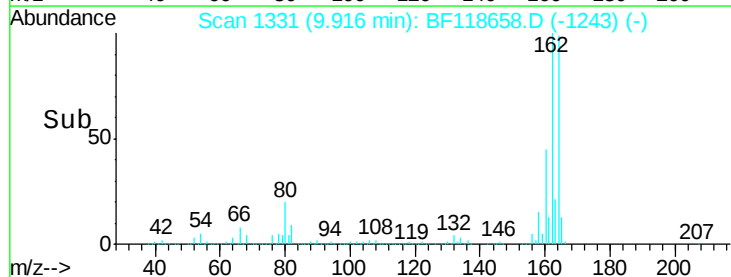
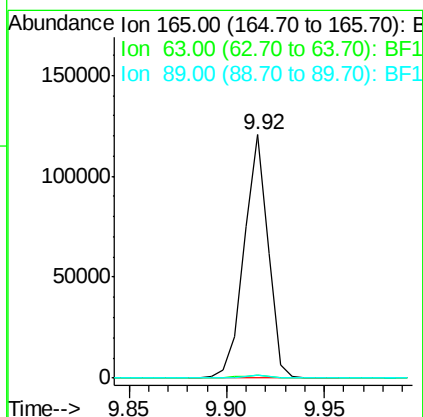
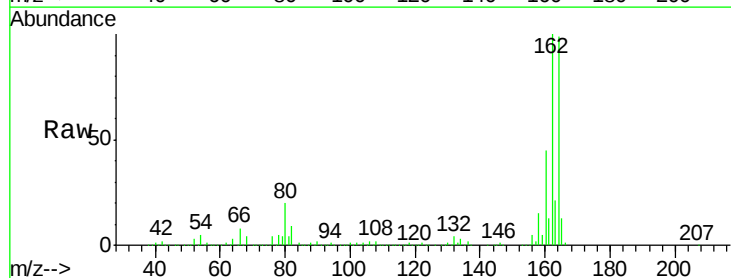
Instrument :
BNA_F
ClientSampleId :

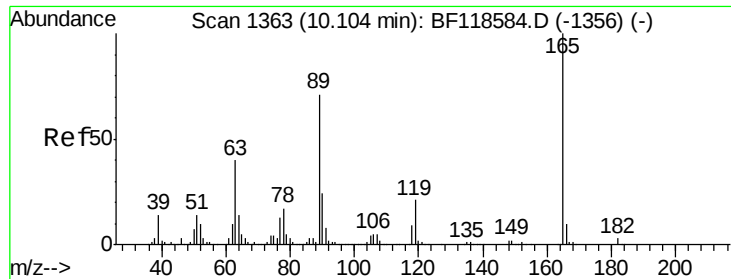
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	9.6	9.1	13.7



#51
2,6-Dinitrotoluene
Concen: 9.012 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.2	49.8	74.6#

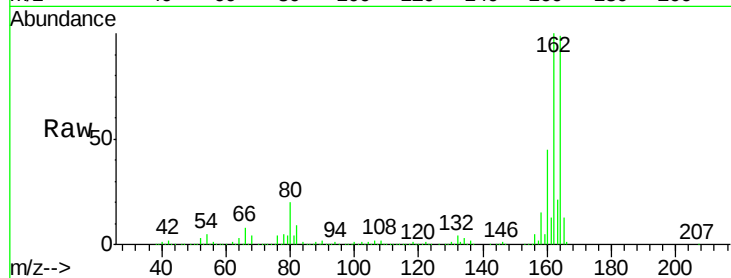




#57
 2,4-Dinitrotoluene
 Concen: 7.149 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	102690
Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#

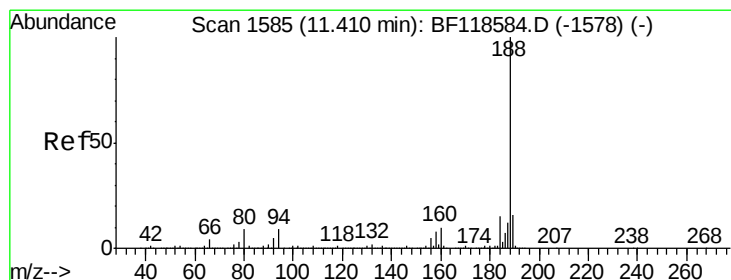
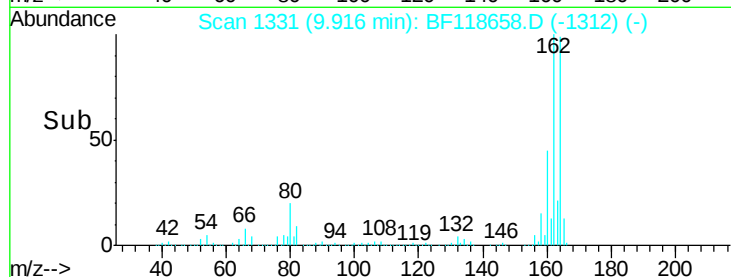
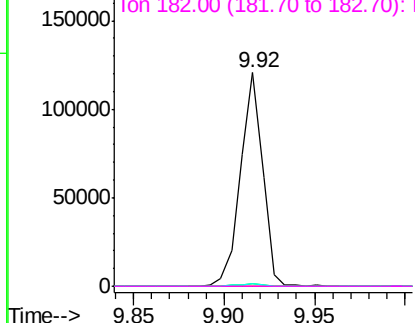


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

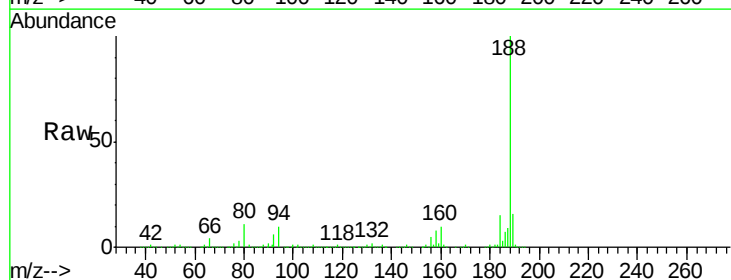
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

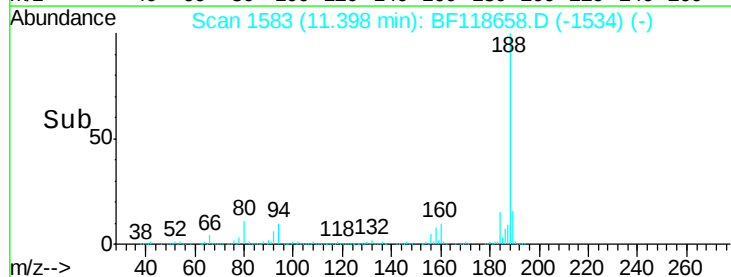
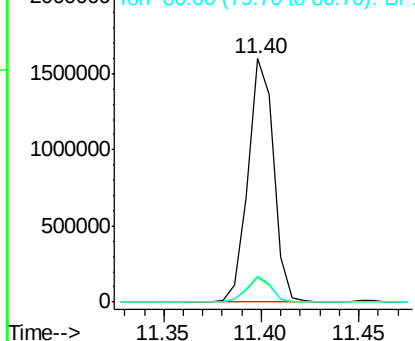
Tgt Ion:	188	Resp:	1454548
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.1	10.7
80	10.9	7.5	11.3

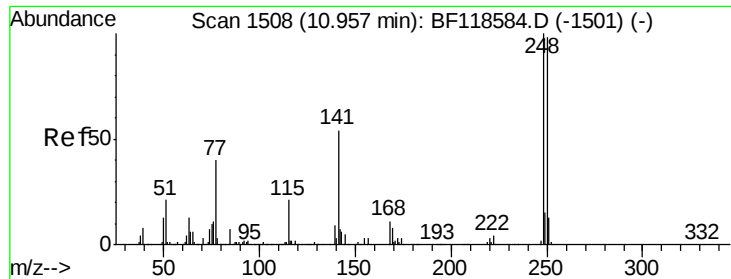


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

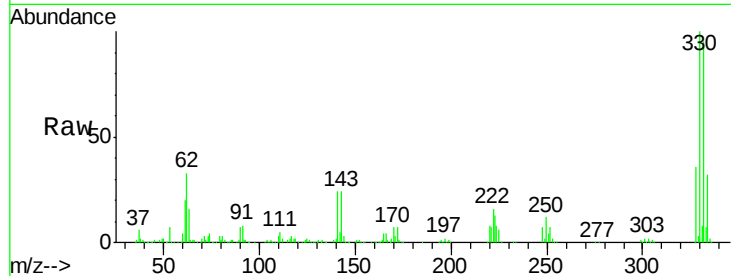




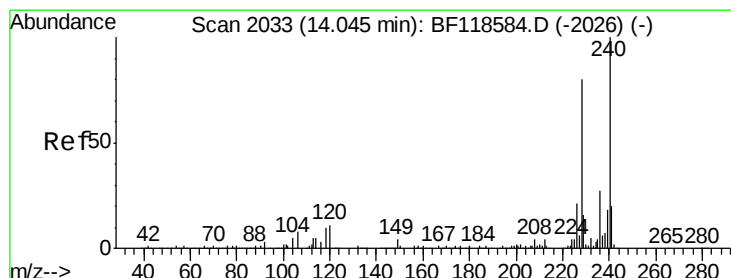
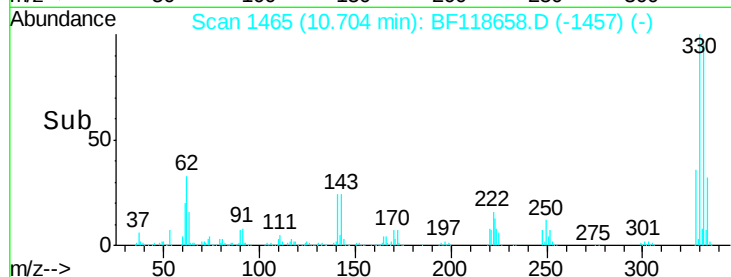
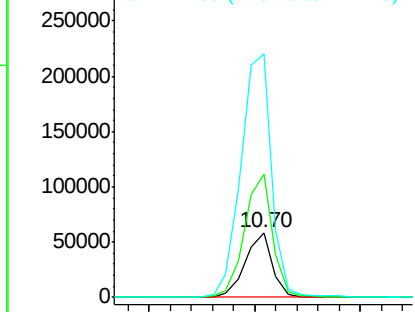
#67
4-Bromophenyl-phenylether
Concen: 2.899 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 52105
Ion Ratio Lower Upper
248 100
250 190.3 78.7 118.1#
141 374.9 43.2 64.8#

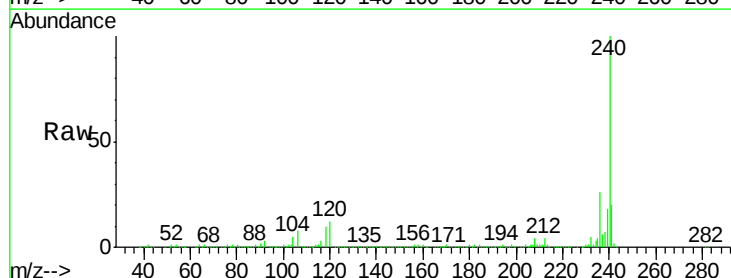


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

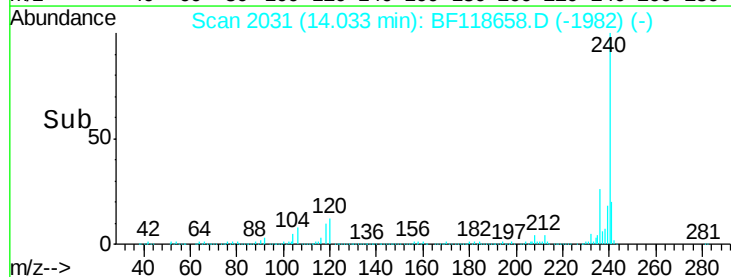
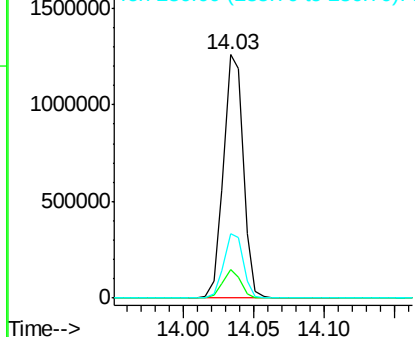


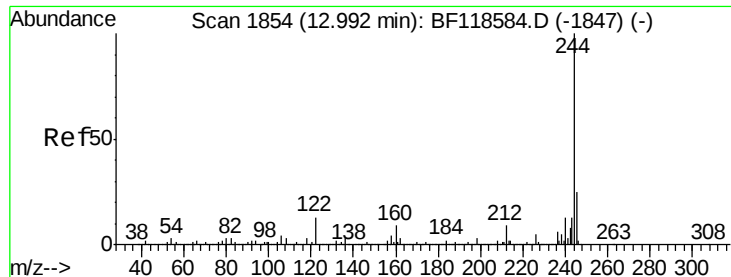
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Tgt Ion:240 Resp: 1231977
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.4 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: 66.302 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

BNA_F

ClientSampleId :

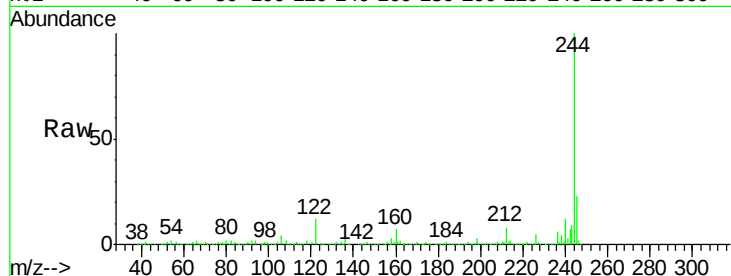
Tot Ion:244 Resp: 3745017

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

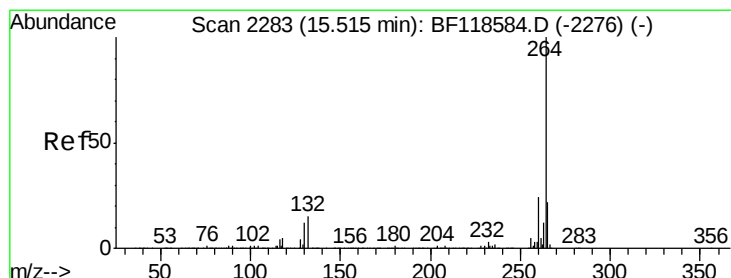
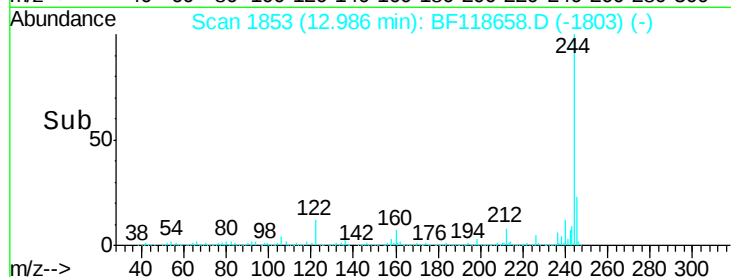
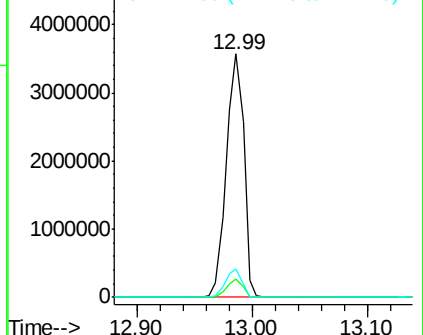
122 11.5 10.7 16.1



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: BF118658.D

Acq: 22 Jan 2020 10:24

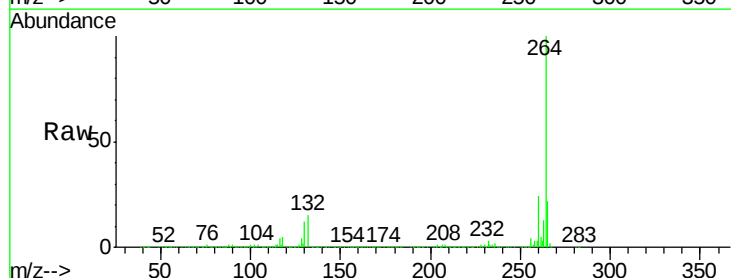
Tgt Ion:264 Resp: 1181147

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.9 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

