

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119920.D
 Acq On : 13 Apr 2020 17:40
 Operator : MA/SJ
 Sample : L2223-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:42:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

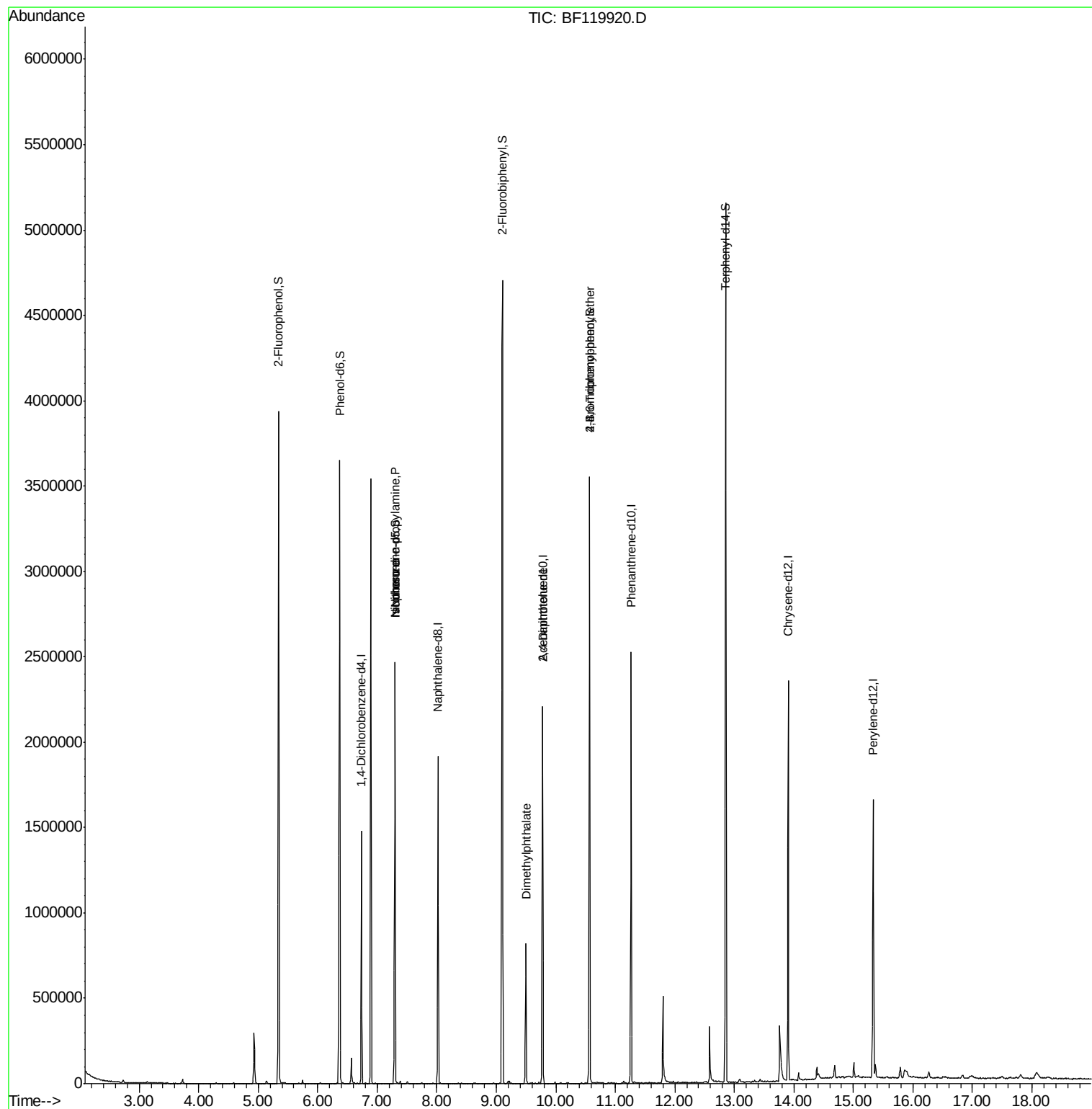
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219137	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	857215	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	460804	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	910595	20.00	ng	0.00
76) Chrysene-d12	13.90	240	748474	20.00	ng	0.00
87) Perylene-d12	15.33	264	752065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1065467	84.03	ng	0.00
7) Phenol-d6	6.37	99	1366523	83.64	ng	-0.01
23) Nitrobenzene-d5	7.30	82	852198	51.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	426597	75.61	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1624260	50.05	ng	0.00
79) Terphenyl-d14	12.86	244	2001464	45.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2011	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	111956	10.656	ng	# 76
25) Isophorone	7.30	82	851173	26.648	ng	# 65
50) Dimethylphthalate	9.50	163	314331	8.819	ng	# 98
57) 2,4-Dinitrotoluene	9.78	165	59263	5.763	ng	# 23
67) 4-Bromophenyl-phenylether	10.57	248	25727	2.272	ng	# 1

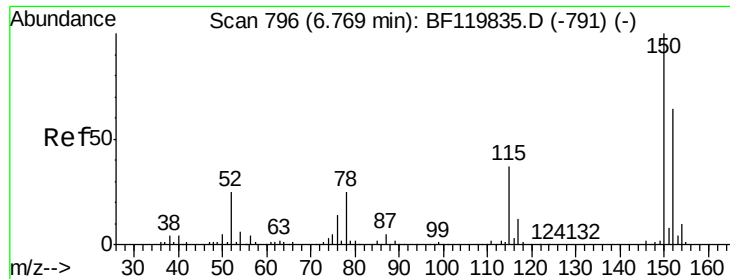
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
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Misc :
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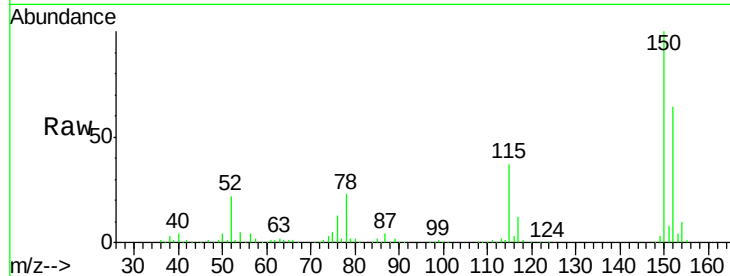


#1

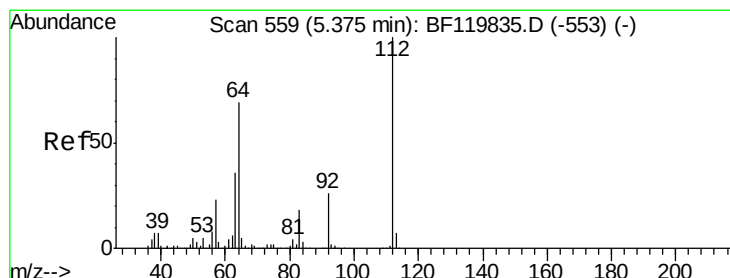
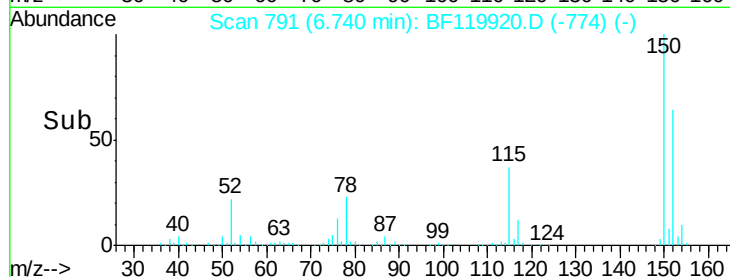
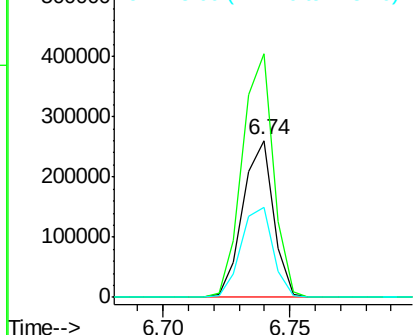
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119920.D
Acq: 13 Apr 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219137
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 57.0 46.5 69.7



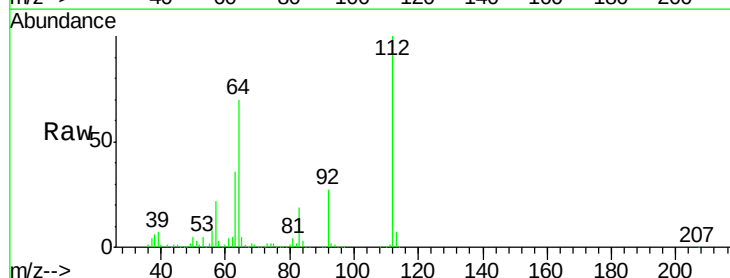
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



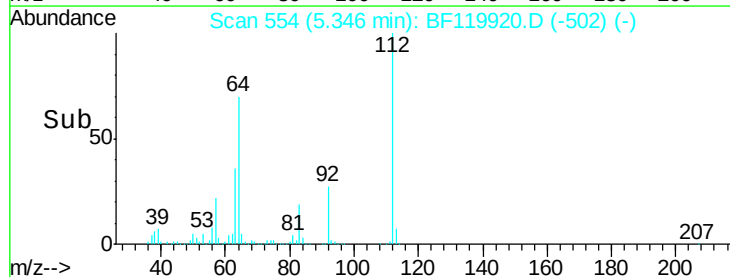
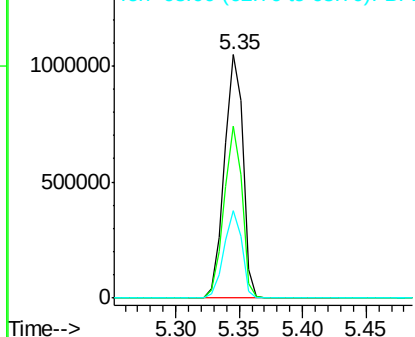
#5

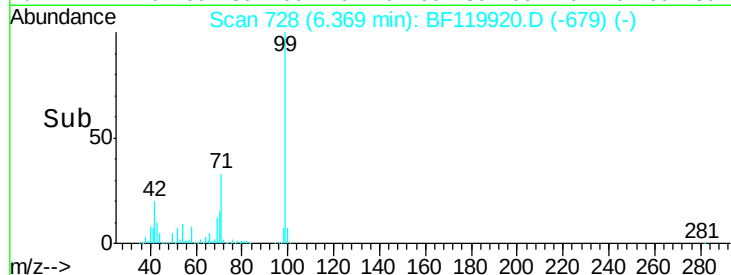
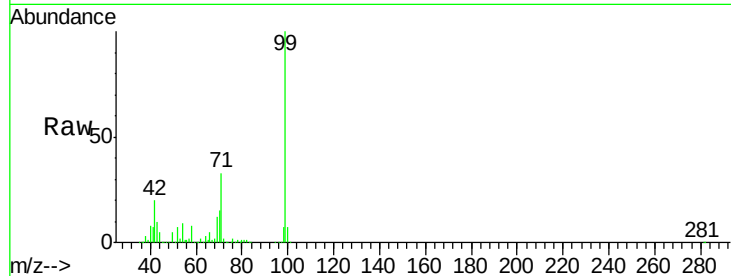
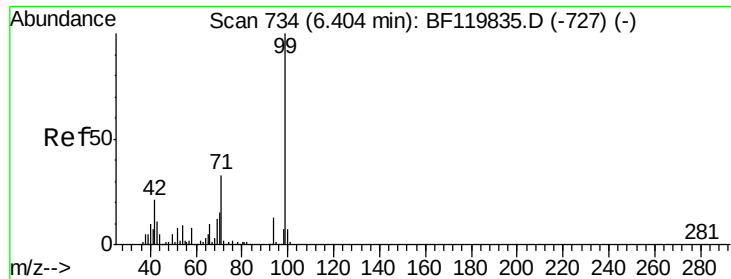
2-Fluorophenol
Concen: 84.026 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119920.D
Acq: 13 Apr 2020 17:40

Tgt Ion:112 Resp: 1065467
Ion Ratio Lower Upper
112 100
64 70.5 55.5 83.3
63 35.7 29.1 43.7



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: 83.635 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Instrument :

BNA_F

ClientSampleId :

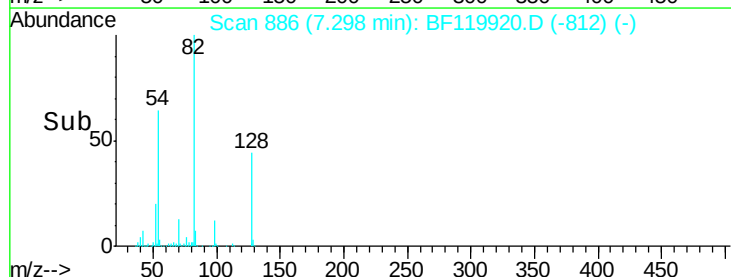
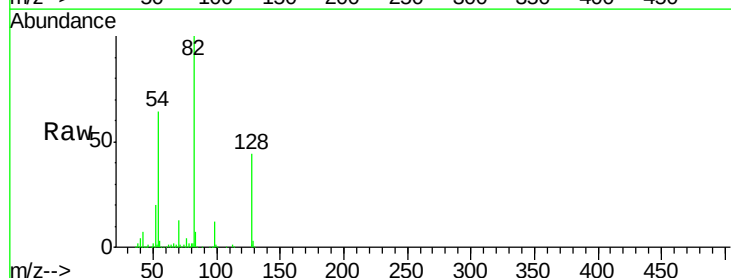
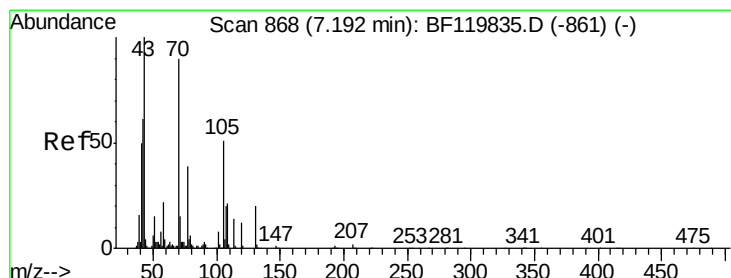
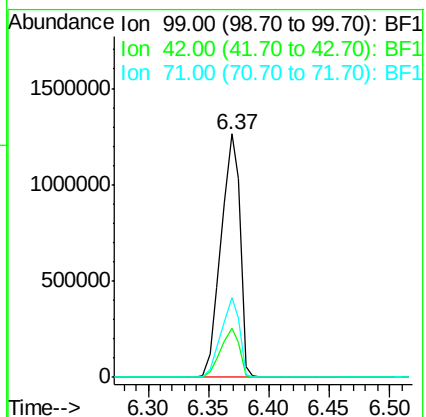
Tot Ion: 99 Resp: 1366523

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

71 32.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.656 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Tgt Ion: 70 Resp: 111956

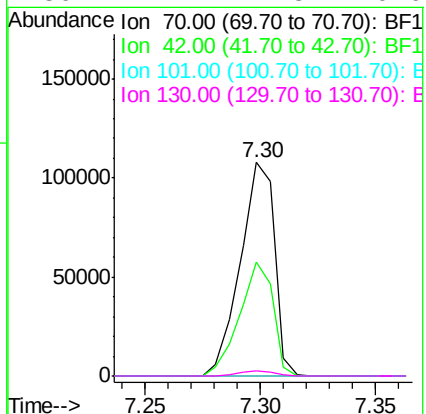
Ion Ratio Lower Upper

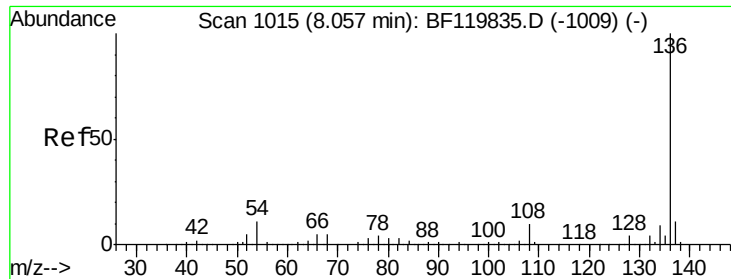
70 100

42 53.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

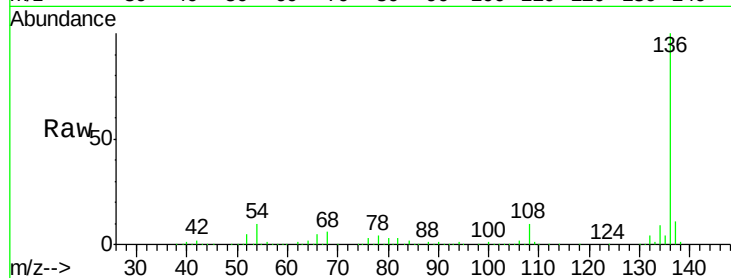




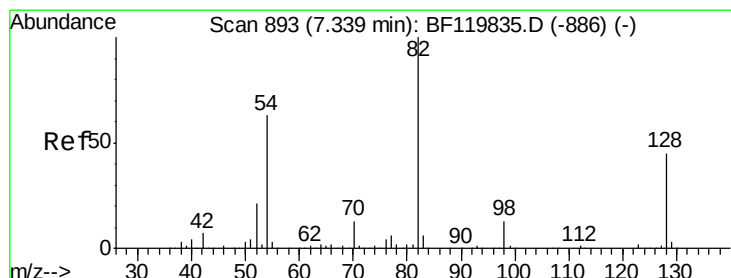
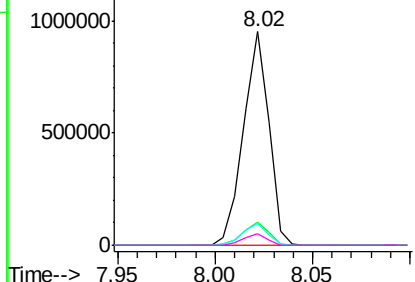
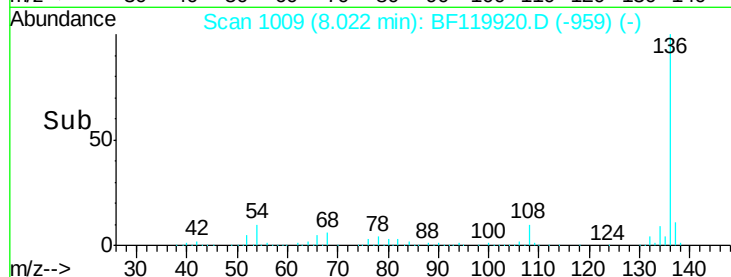
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119920.D
Acq: 13 Apr 2020 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	857215
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.1	8.5 12.7
68	5.6	3.9 5.9

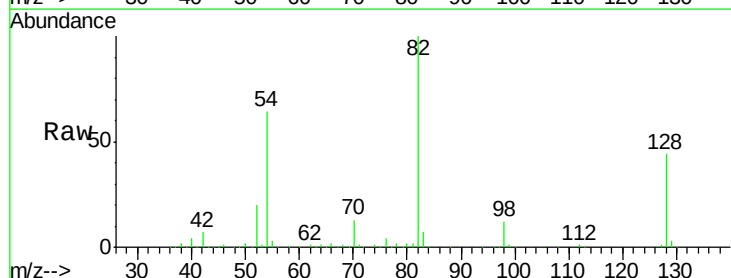


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

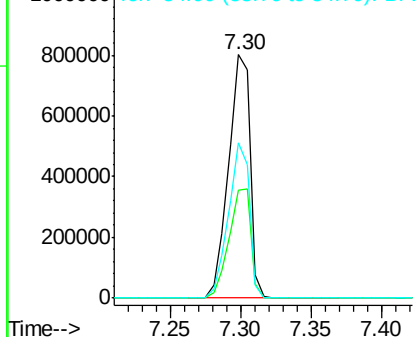
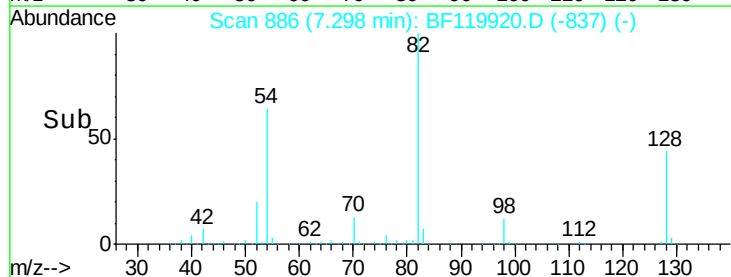


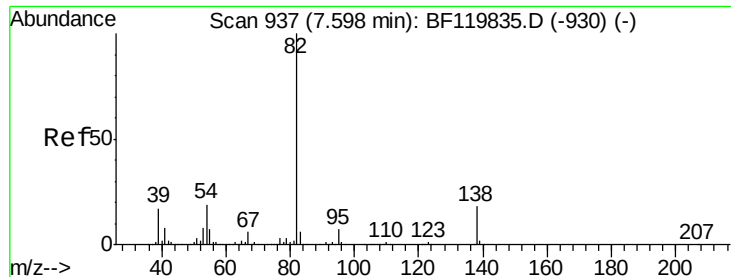
#23
Nitrobenzene-d5
Concen: 51.431 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119920.D
Acq: 13 Apr 2020 17:40

Tgt Ion: 82	Resp:	852198
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.2 54.4
54	63.6	50.4 75.6



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: 26.648 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Instrument :

BNA_F

ClientSampleId :

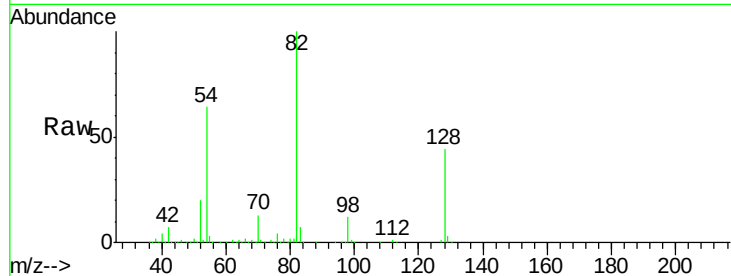
Tot Ion: 82 Resp: 851173

Ion Ratio Lower Upper

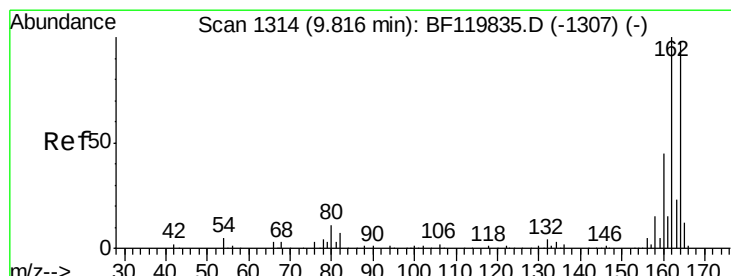
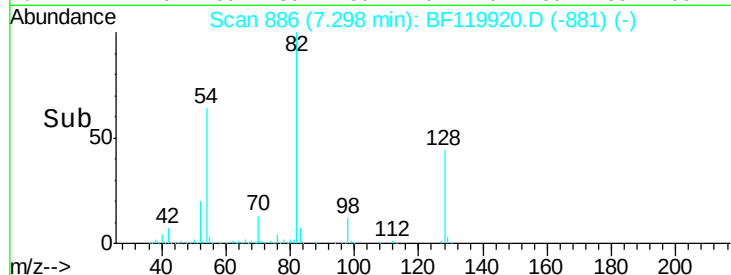
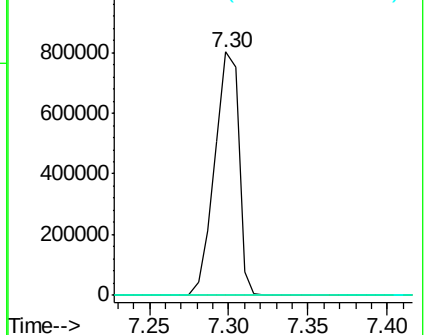
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

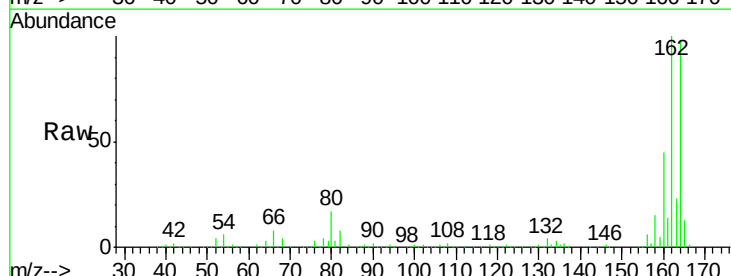
Tgt Ion:164 Resp: 460804

Ion Ratio Lower Upper

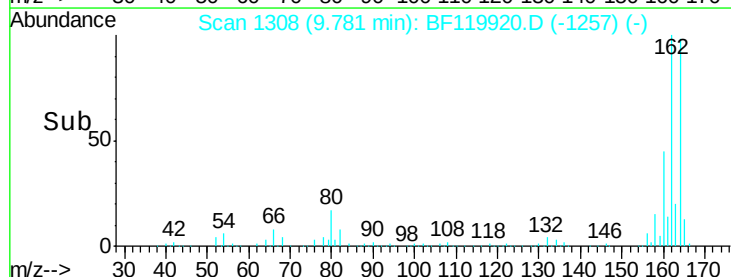
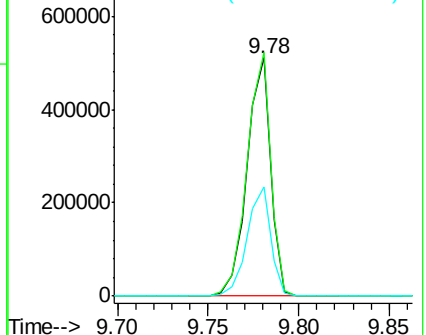
164 100

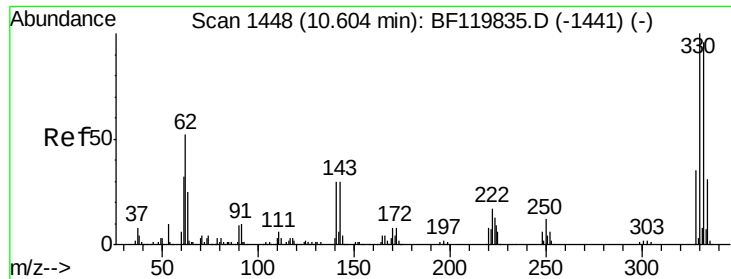
162 102.2 81.9 122.9

160 46.0 36.6 54.8



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

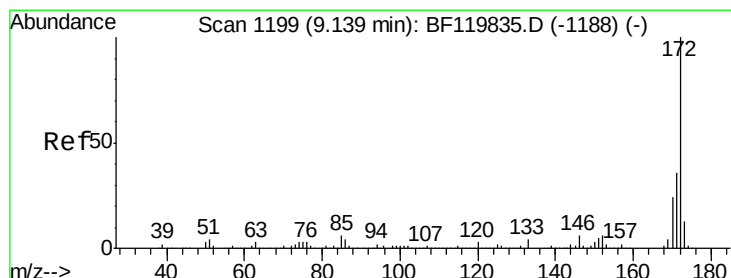
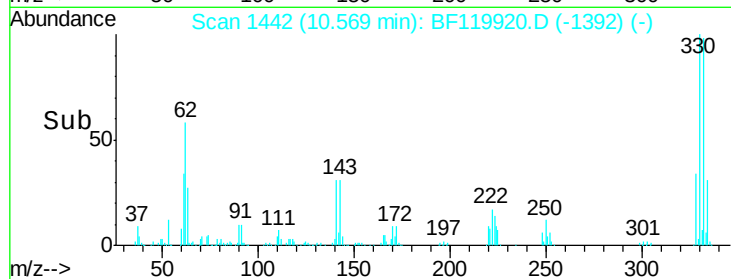
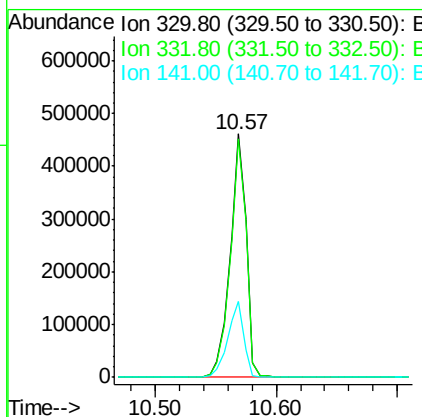
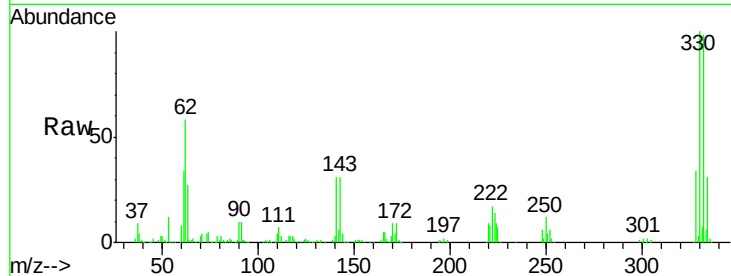




#42
 2,4,6-Tribromophenol
 Concen: 75.614 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119920.D
 Acq: 13 Apr 2020 17:40

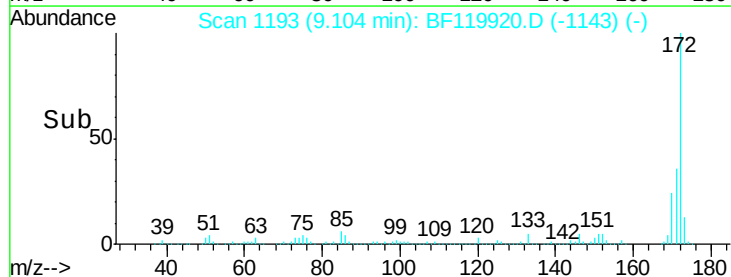
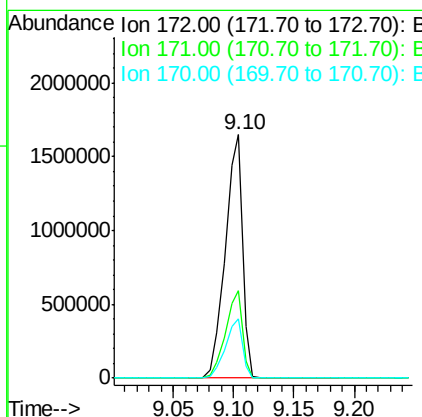
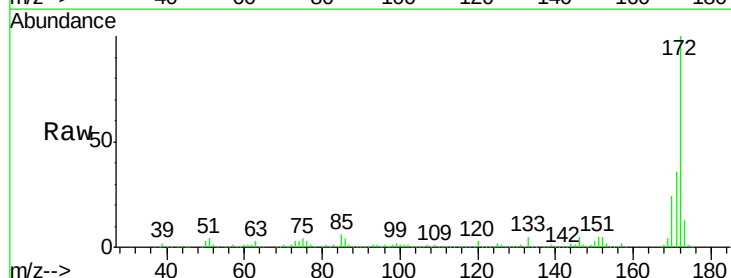
Instrument :
 BNA_F
 ClientSampleId :

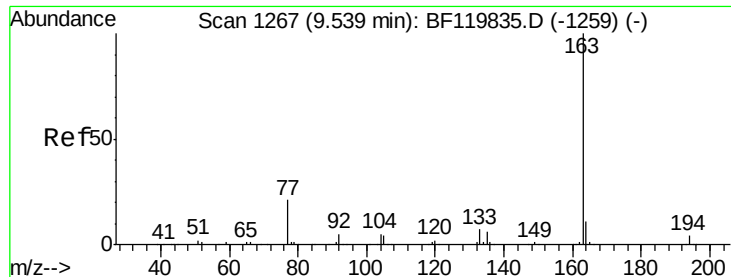
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.8	115.2
141	31.0	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 50.045 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119920.D
 Acq: 13 Apr 2020 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.4	19.4	29.2





#50

Dimethylphthalate

Concen: 8.819 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Instrument :
BNA_F
ClientSampled :

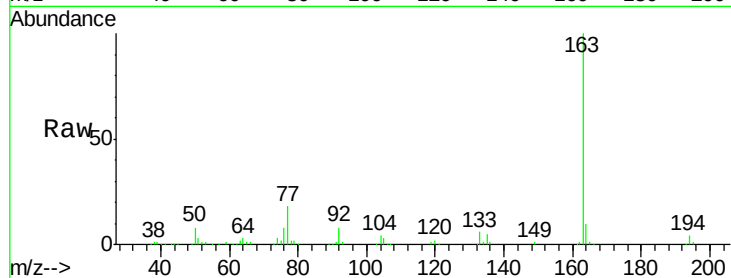
Tot Ion:163 Resp: 314331

Ion Ratio Lower Upper

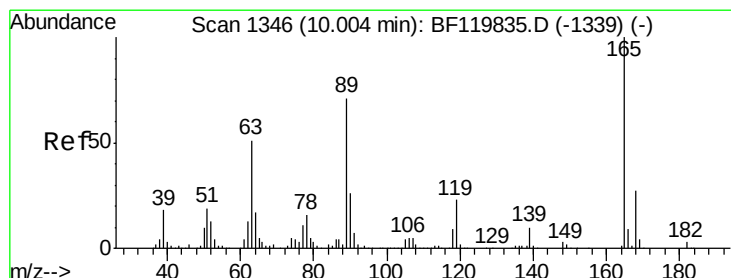
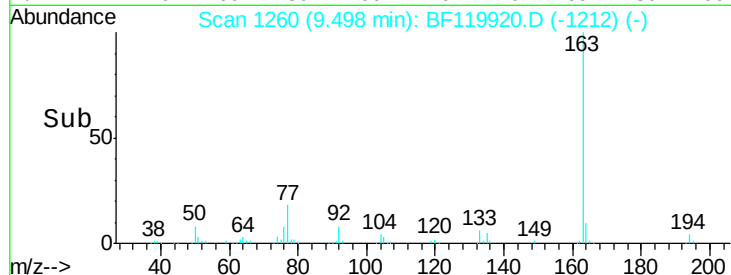
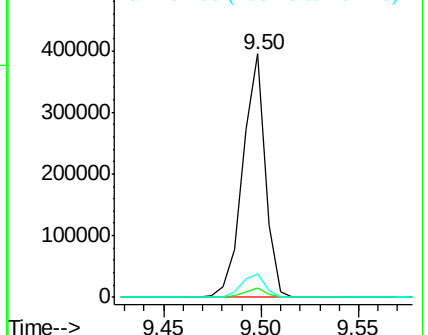
163 100

194 3.8 3.0 4.4

164 9.7 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



#57

2,4-Dinitrotoluene

Concen: 5.763 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.19 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Tgt Ion:165 Resp: 59263

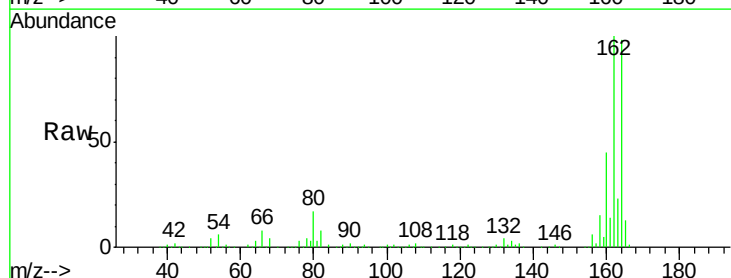
Ion Ratio Lower Upper

165 100

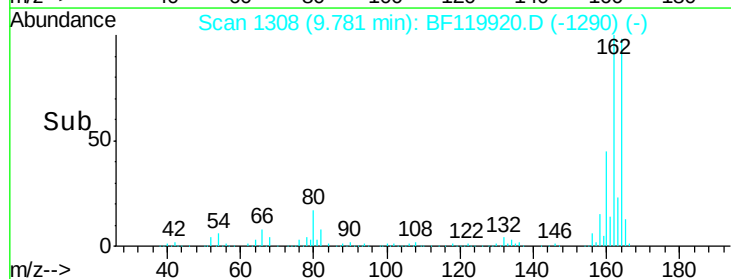
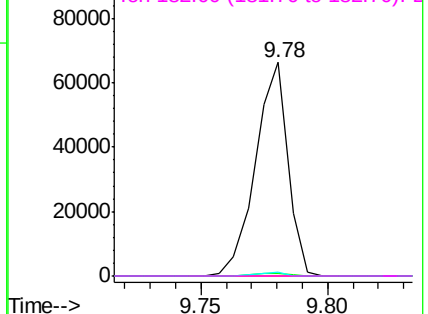
63 1.0 40.8 61.2#

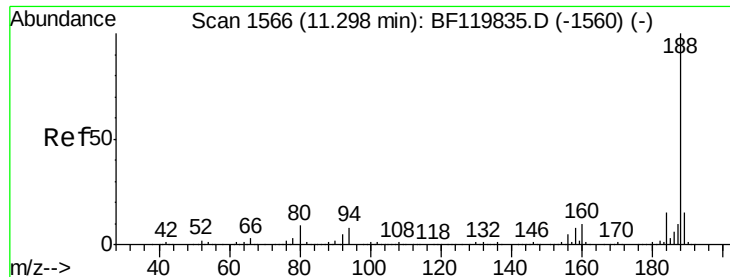
89 1.7 56.9 85.3#

182 0.0 2.0 3.0#



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: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Instrument :

BNA_F

ClientSampleId :

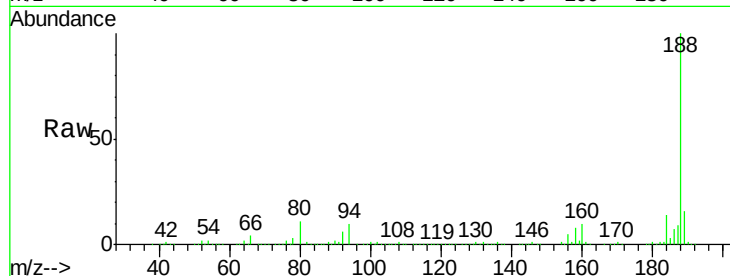
Tot Ion:188 Resp: 910595

Ion Ratio Lower Upper

188 100

94 10.0 6.7 10.1

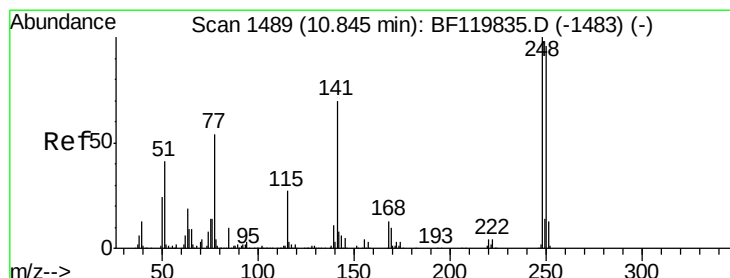
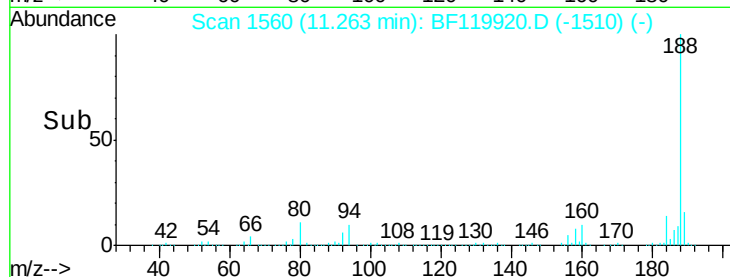
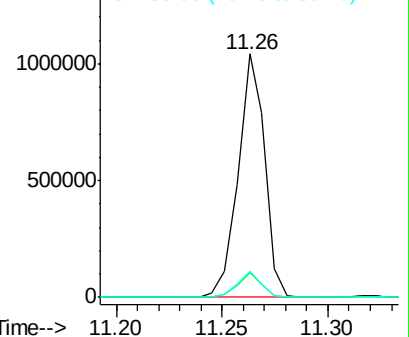
80 10.9 7.4 11.2



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: 2.272 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

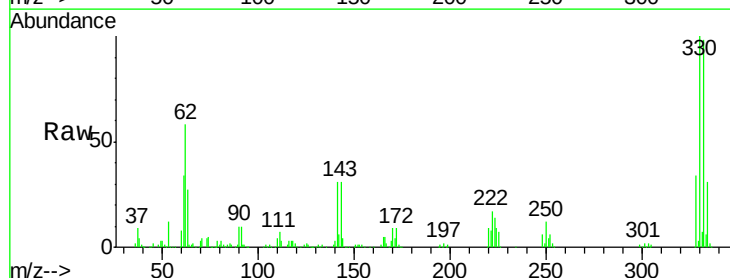
Tgt Ion:248 Resp: 25727

Ion Ratio Lower Upper

248 100

250 190.2 76.6 114.8#

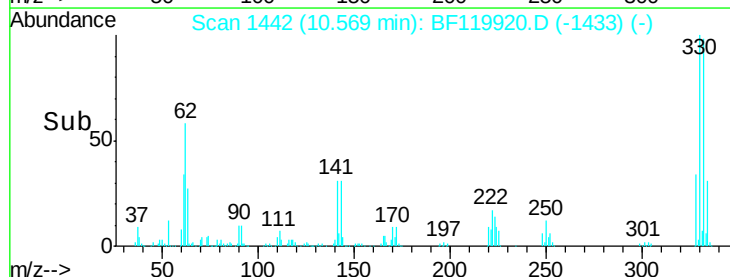
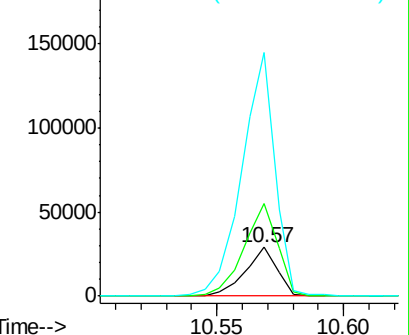
141 497.6 55.9 83.9#

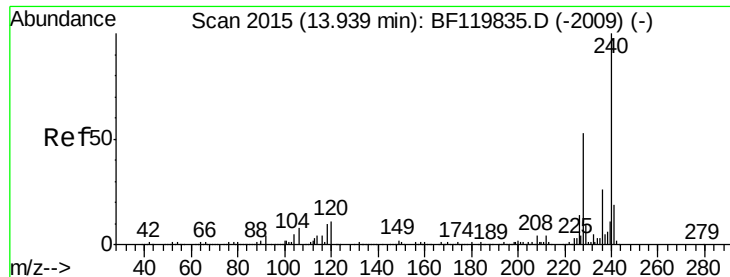


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

Instrument :

BNA_F

ClientSampleId :

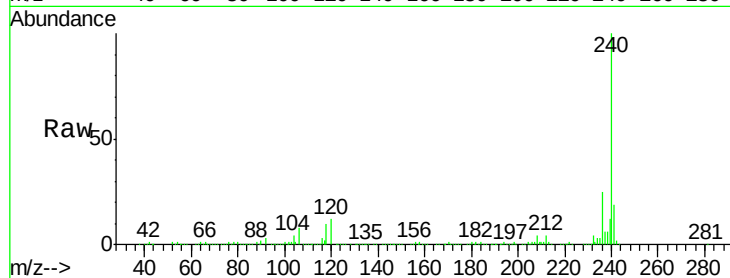
Tot Ion:240 Resp: 748474

Ion Ratio Lower Upper

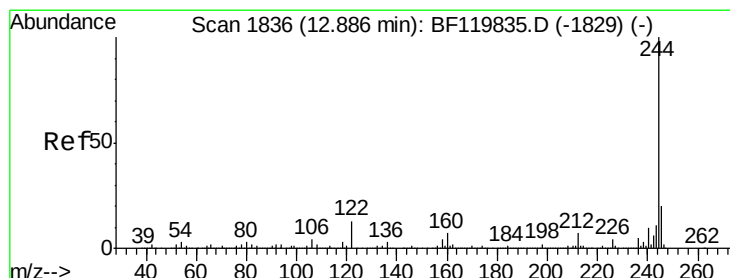
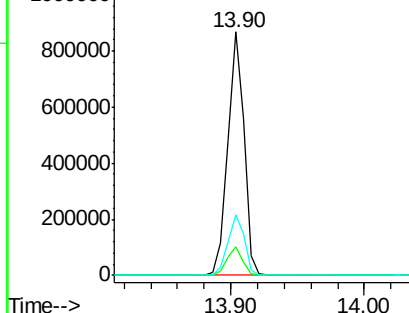
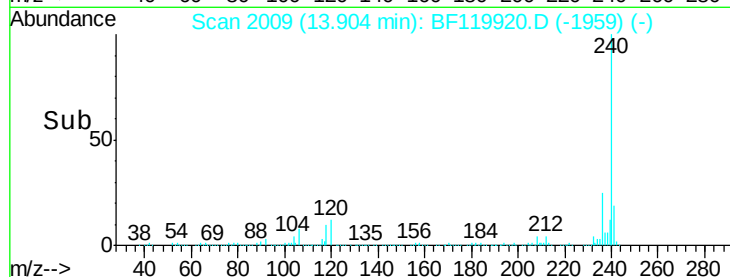
240 100

120 11.6 9.0 13.6

236 25.0 20.7 31.1



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: 44.995 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119920.D

Acq: 13 Apr 2020 17:40

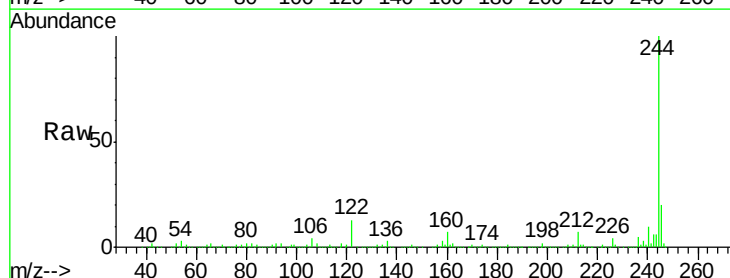
Tgt Ion:244 Resp: 2001464

Ion Ratio Lower Upper

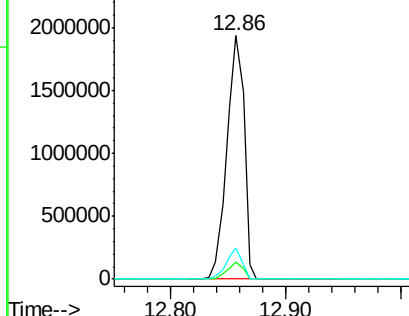
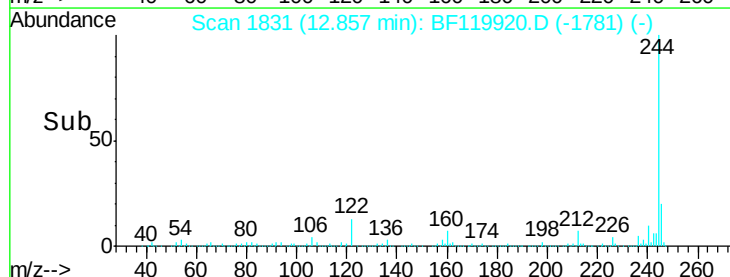
244 100

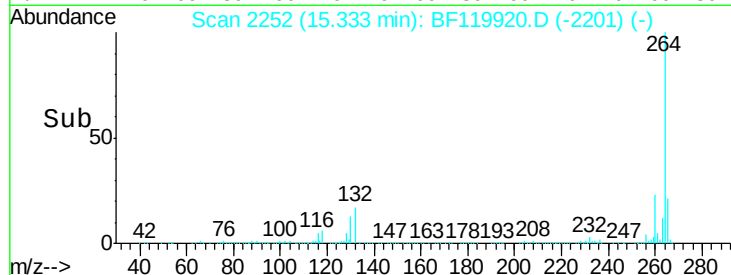
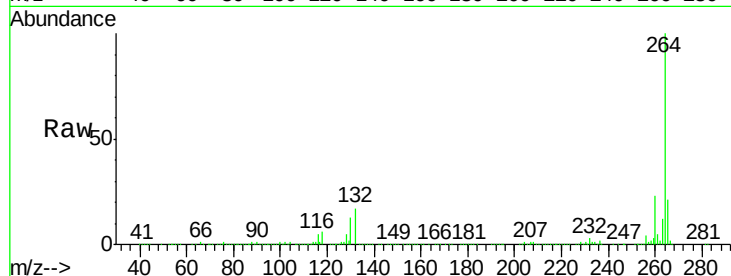
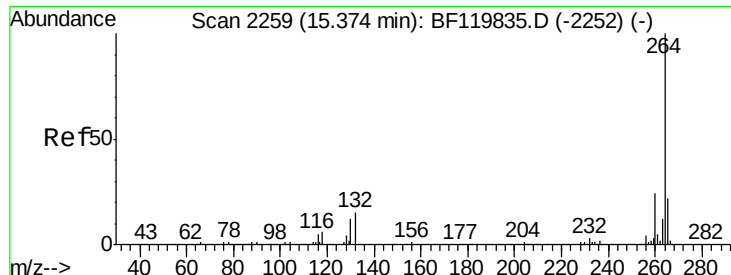
212 6.8 5.4 8.0

122 12.6 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: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119920.D
 Acq: 13 Apr 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	752065
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4

