

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119942.D
 Acq On : 14 Apr 2020 8:26
 Operator : MA/SJ
 Sample : L2230-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

Quant Time: Apr 14 09:01:53 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	6.73	152	193139	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	746506	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	394415	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	801913	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	614097	20.00	ng	-0.01
87) Perylene-d12	15.32	264	505521	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1404326	125.66	ng	0.02
7) Phenol-d6	6.37	99	1606142	111.53	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1233058	85.45	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	626203	129.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2283735	82.21	ng	-0.01
79) Terphenyl-d14	12.86	244	2874389	78.76	ng	0.00

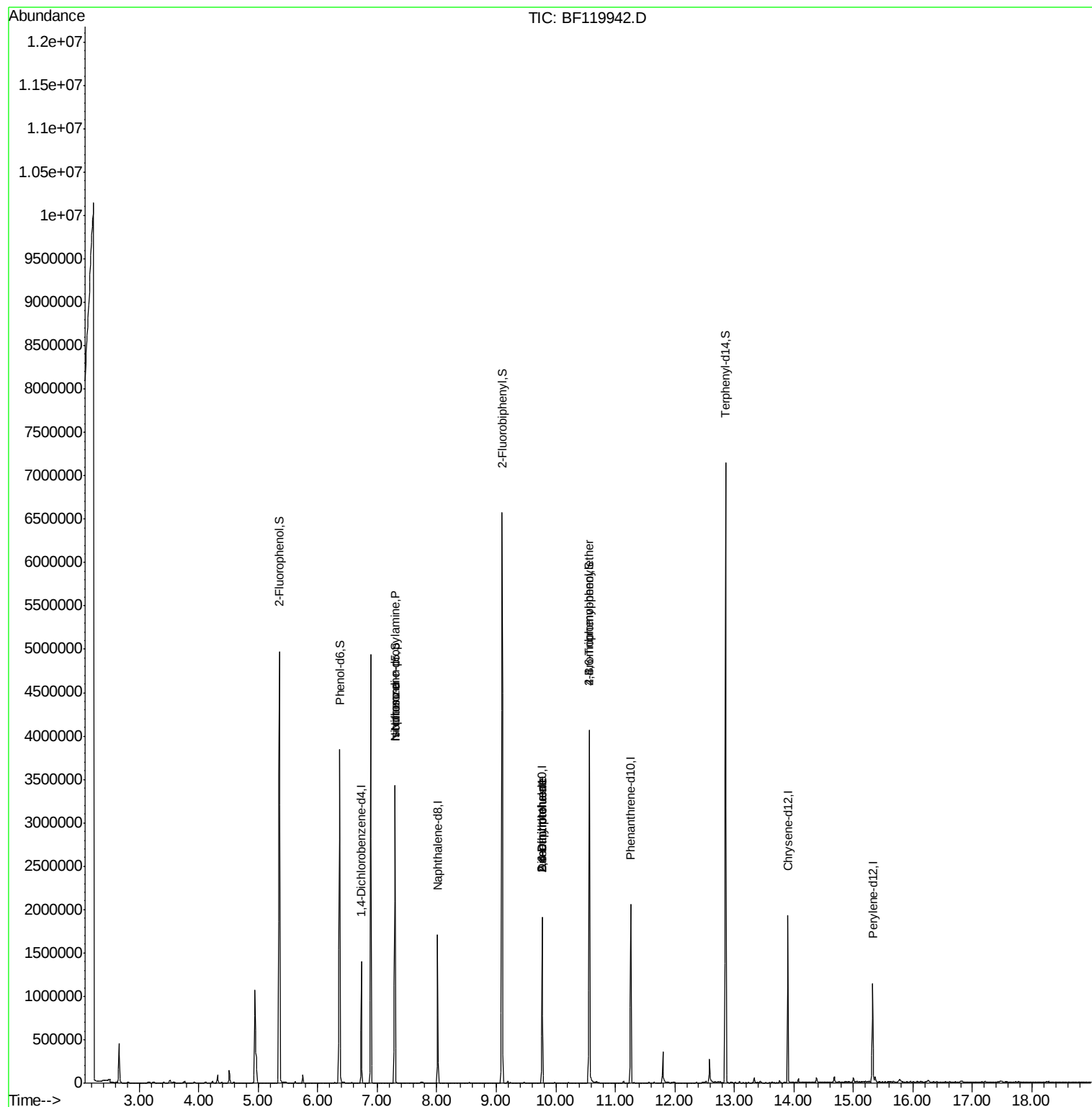
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	918	Below Cal		97
19) n-Nitroso-di-n-propylamine	7.30	70	159366	17.210	ng	# 72
25) Isophorone	7.30	82	1230914	44.251	ng	# 65
50) Dimethylphthalate	9.77	163	91723	3.007	ng	# 1
51) 2,6-Dinitrotoluene	9.77	165	52068	7.794	ng	# 19
57) 2,4-Dinitrotoluene	9.77	165	52068	5.916	ng	# 22
67) 4-Bromophenyl-phenylether	10.57	248	37184	3.729	ng	# 1

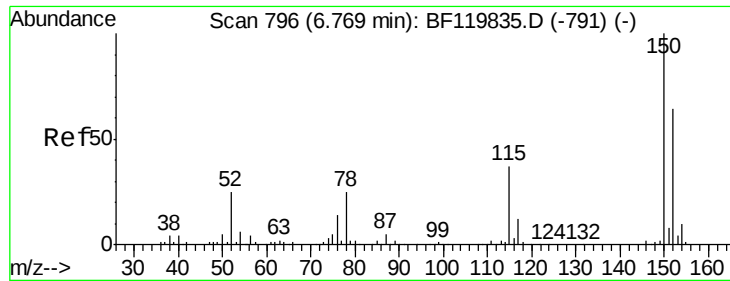
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119942.D
Acq On : 14 Apr 2020 8:26
Operator : MA/SJ
Sample : L2230-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12-A

Quant Time: Apr 14 09:01:53 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

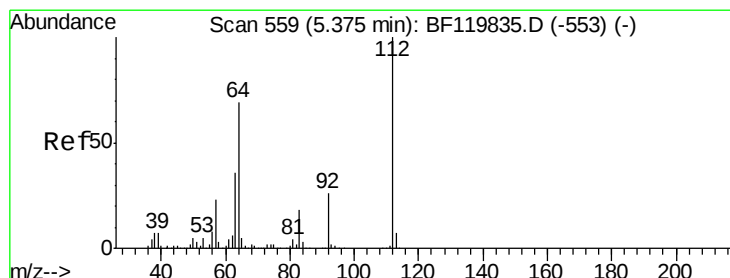
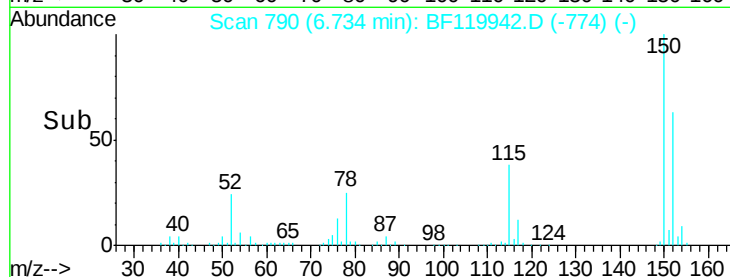
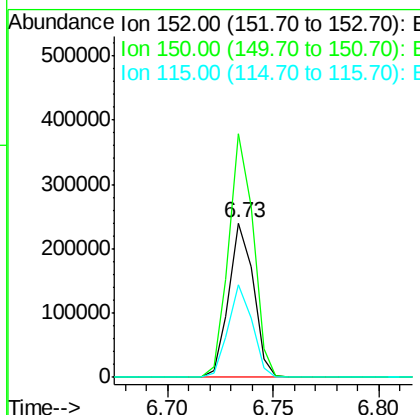
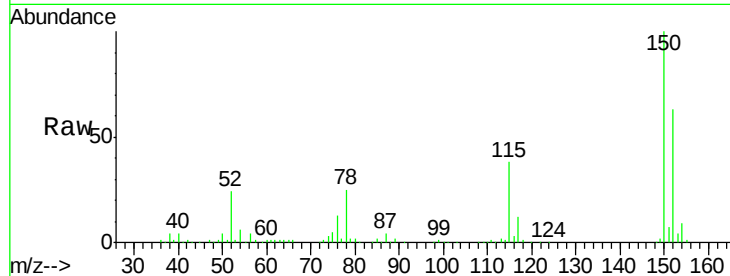




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

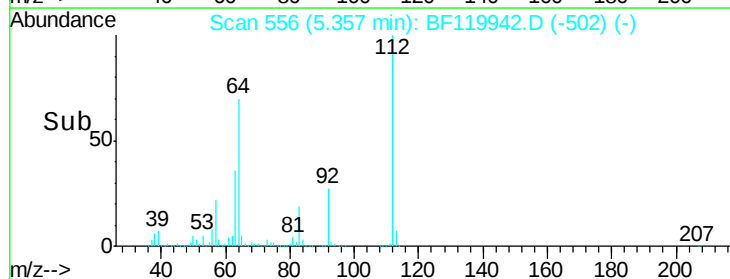
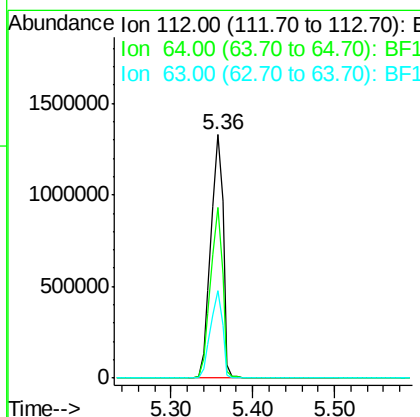
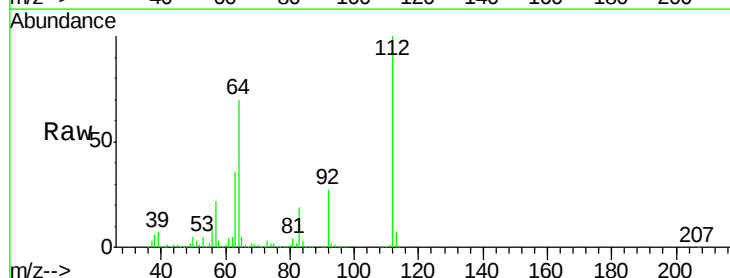
Instrument :
 BNA_F
 ClientSampleID :
 TP-12-A

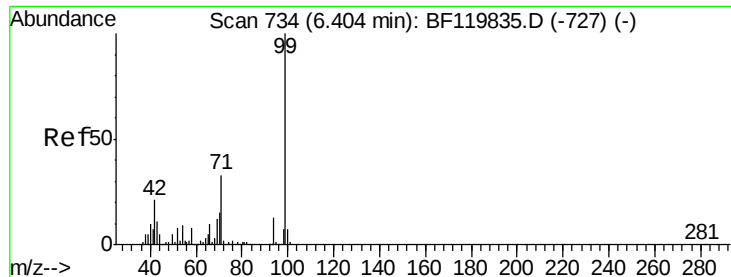
Tot Ion:152 Resp: 193139
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.8 187.2
 115 59.6 46.5 69.7



#5
 2-Fluorophenol
 Concen: 125.657 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion:112 Resp: 1404326
 Ion Ratio Lower Upper
 112 100
 64 69.9 55.5 83.3
 63 35.9 29.1 43.7





#7

Phenol-d6

Concen: 111.533 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Instrument :

BNA_F

ClientSampleId :

TP-12-A

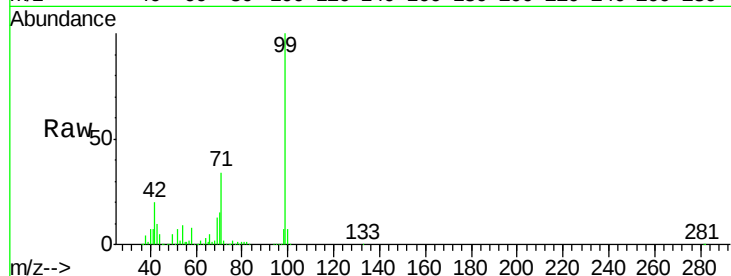
Tot Ion: 99 Resp: 1606142

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

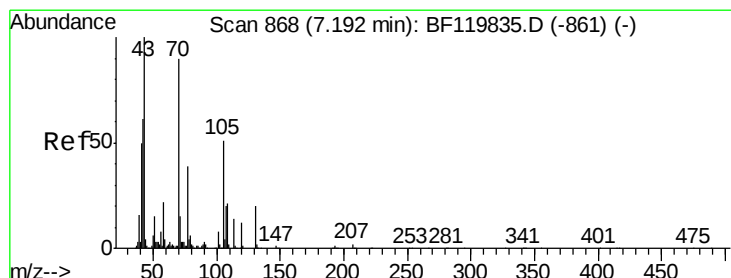
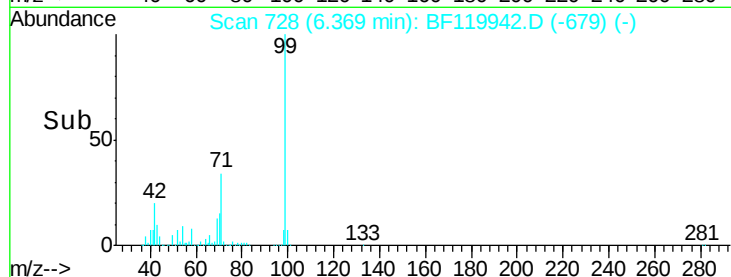
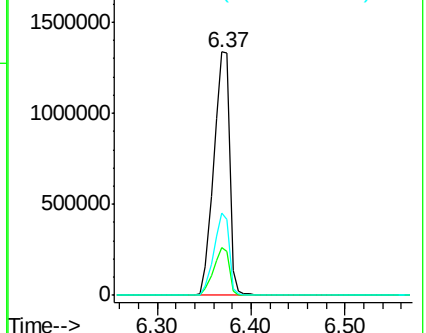
71 33.9 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.210 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Tgt Ion: 70 Resp: 159366

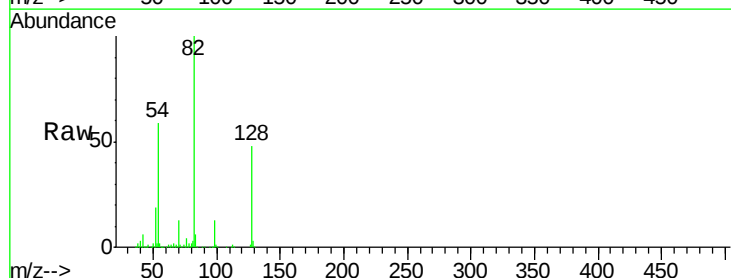
Ion Ratio Lower Upper

70 100

42 48.9 54.2 81.4#

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

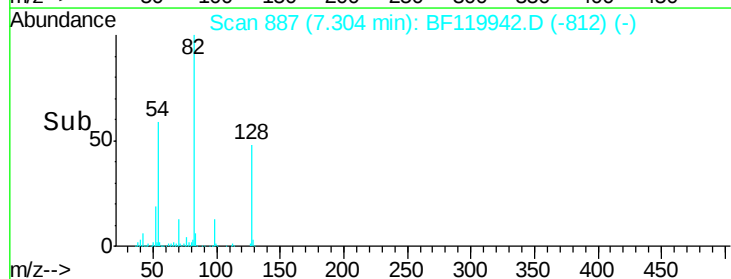
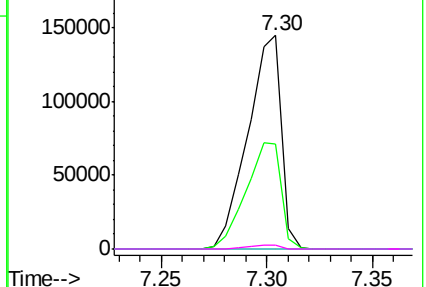


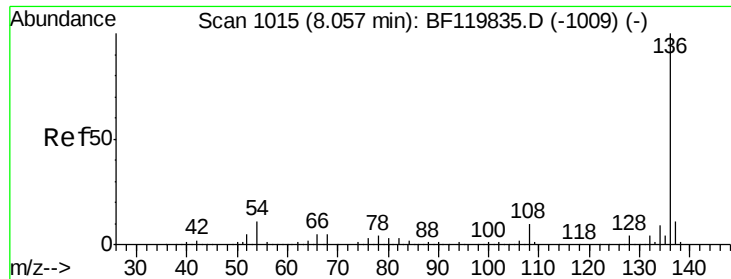
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

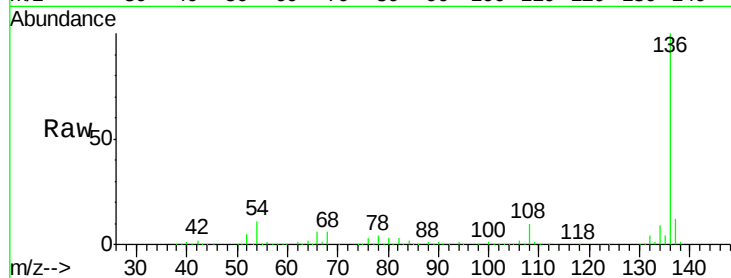




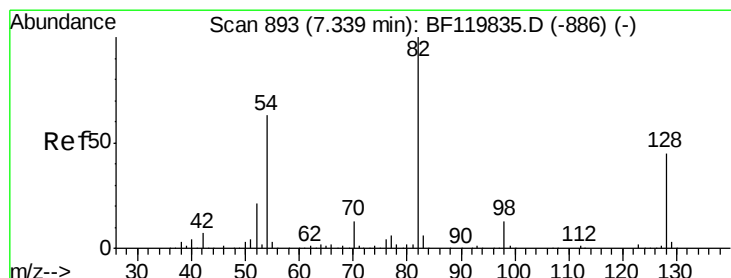
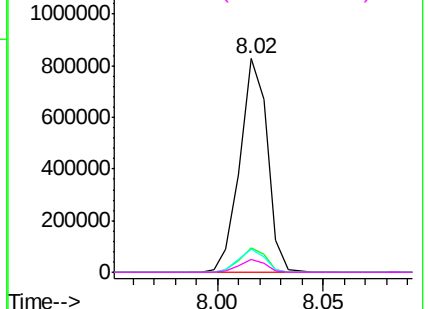
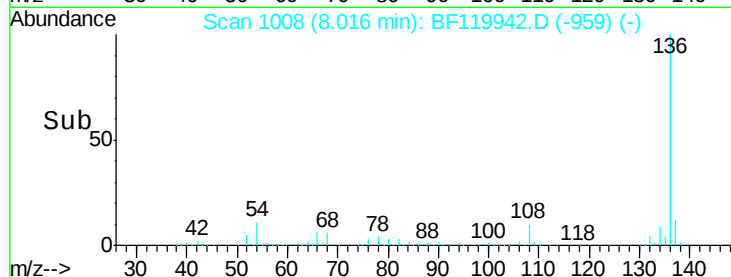
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Instrument :
BNA_F
ClientSampleId :
TP-12-A

Tot Ion:136 Resp: 746506
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.0 8.5 12.7
68 6.3 3.9 5.9#

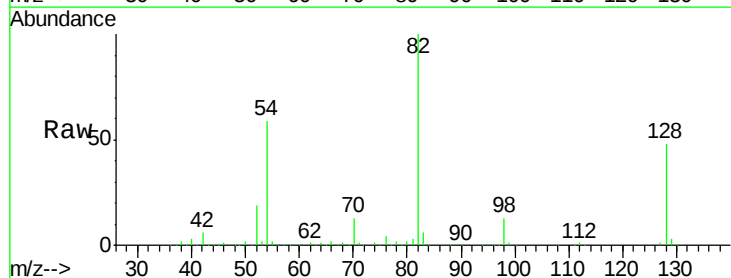


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

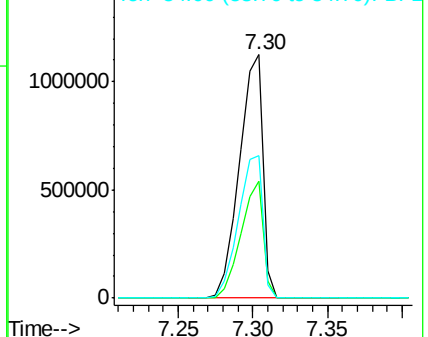
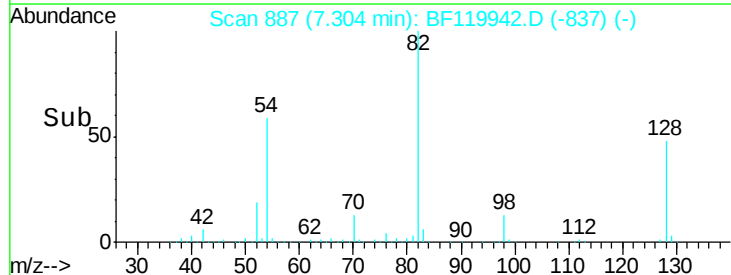


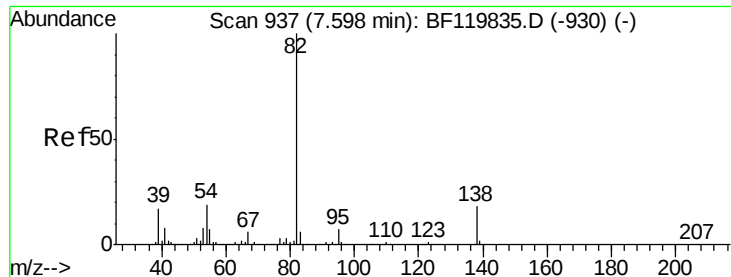
#23
Nitrobenzene-d5
Concen: 85.452 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Tgt Ion: 82 Resp: 1233058
Ion Ratio Lower Upper
82 100
128 48.3 36.2 54.4
54 58.5 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: 44.251 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Instrument :

BNA_F

ClientSampleId :

TP-12-A

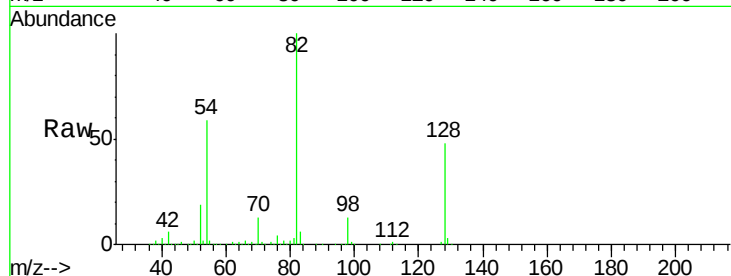
Tot Ion: 82 Resp: 1230914

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

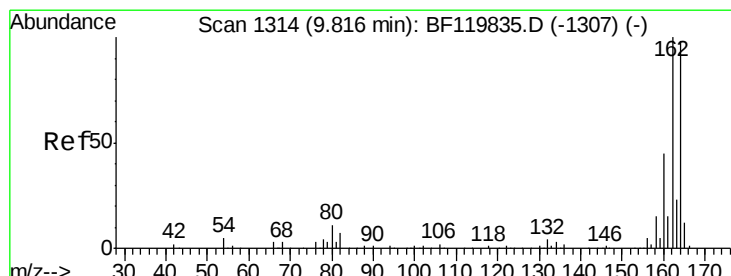
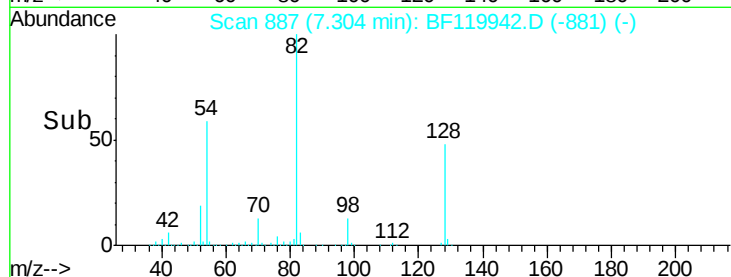
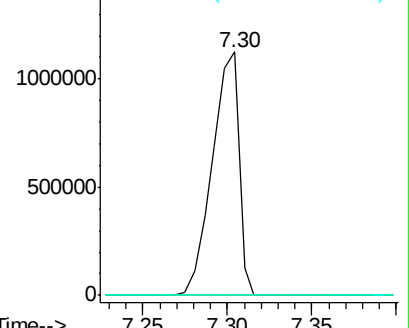
138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

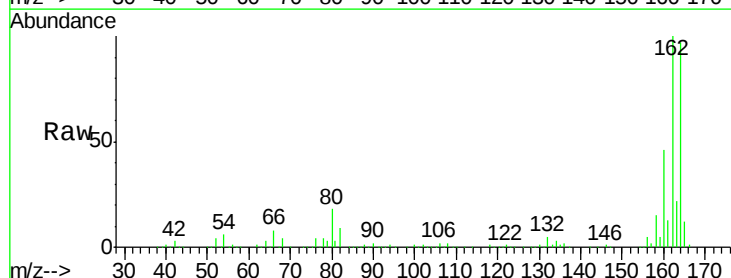
Tgt Ion:164 Resp: 394415

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

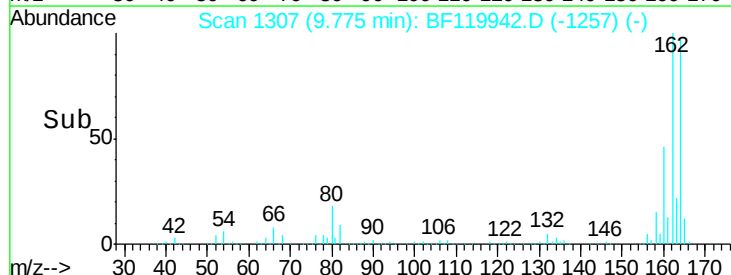
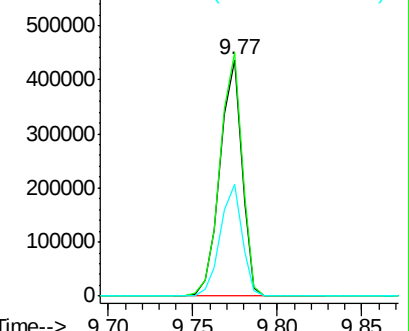
160 47.2 36.6 54.8

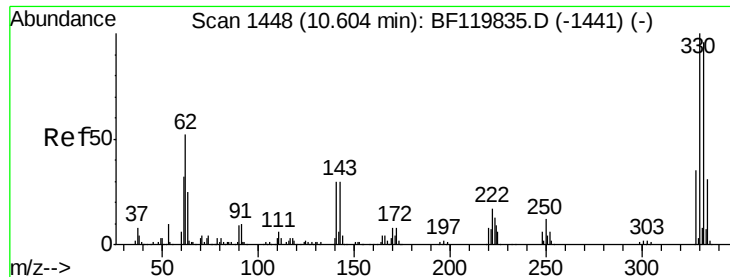


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

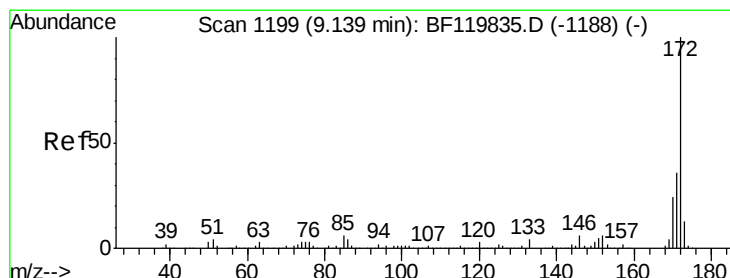
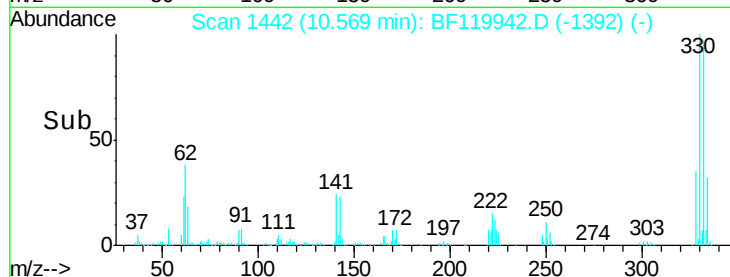
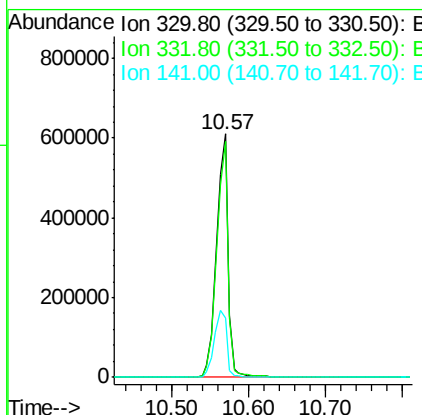
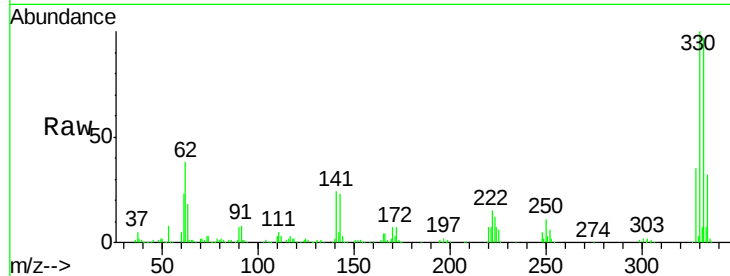




#42
 2,4,6-Tribromophenol
 Concen: 129.676 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

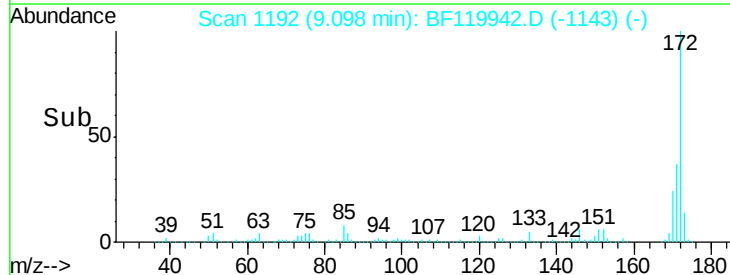
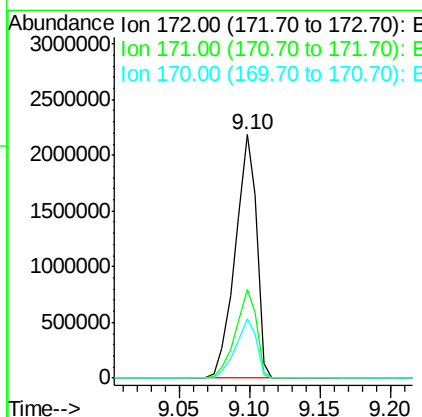
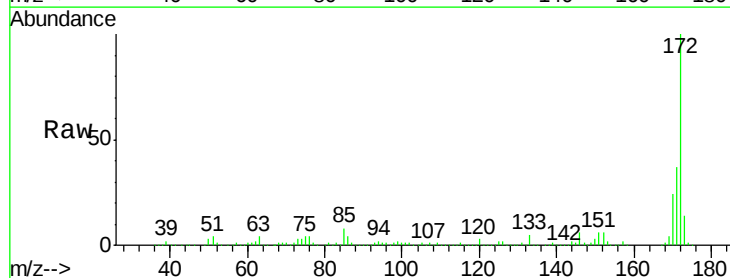
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

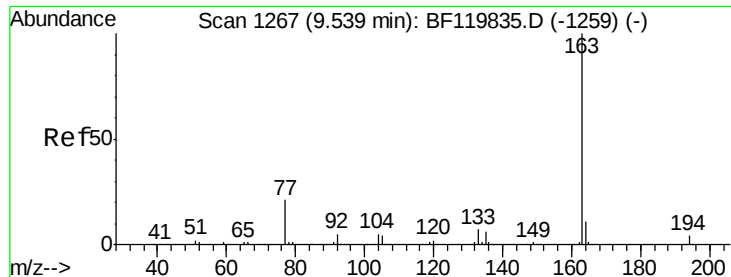
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	29.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 82.208 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.4	19.4	29.2

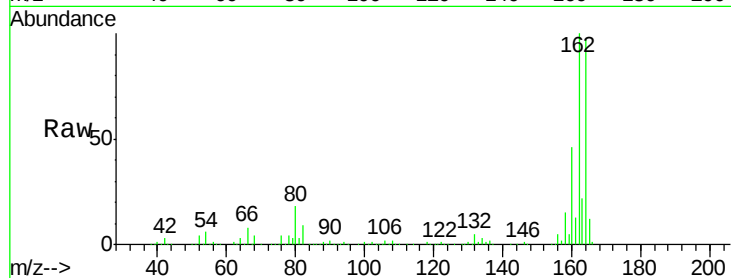




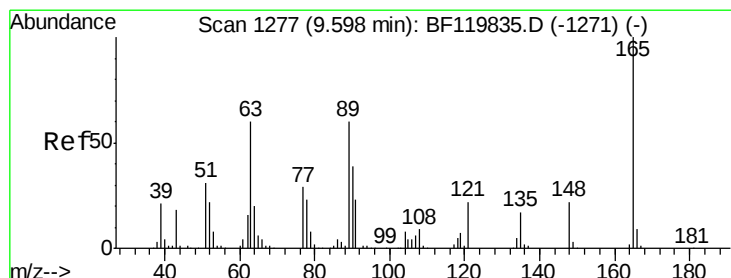
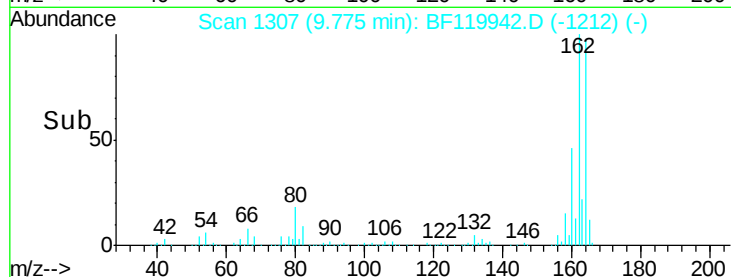
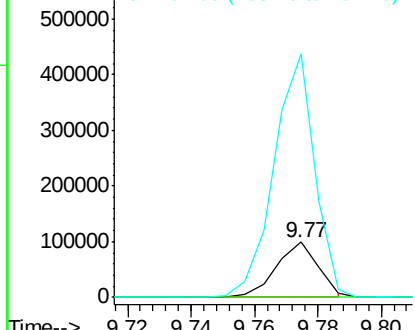
#50
Dimethylphthalate
Concen: 3.007 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Instrument :
BNA_F
ClientSampleId :
TP-12-A

Tot Ion:163 Resp: 91723
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 439.8 8.4 12.6#

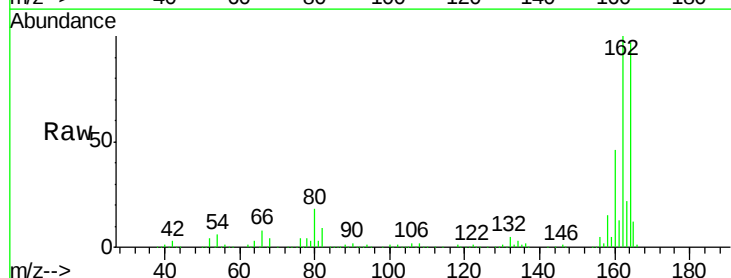


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

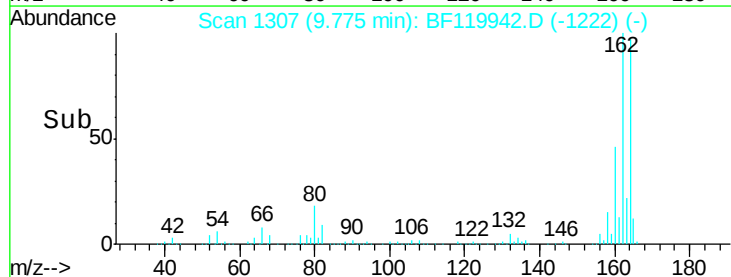
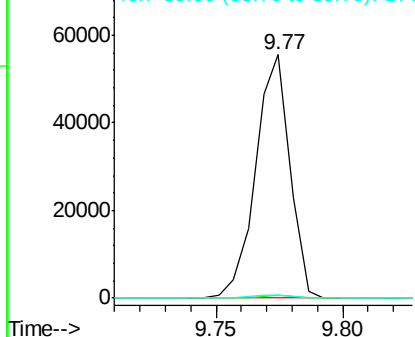


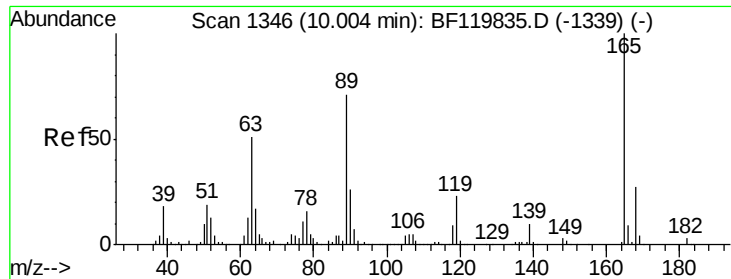
#51
2,6-Dinitrotoluene
Concen: 7.794 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Tgt Ion:165 Resp: 52068
Ion Ratio Lower Upper
165 100
63 1.4 55.6 83.4#
89 1.1 47.9 71.9#



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

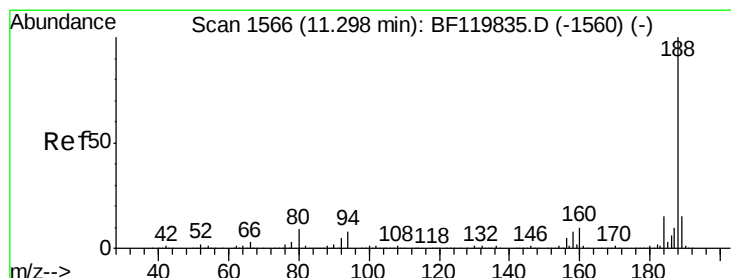
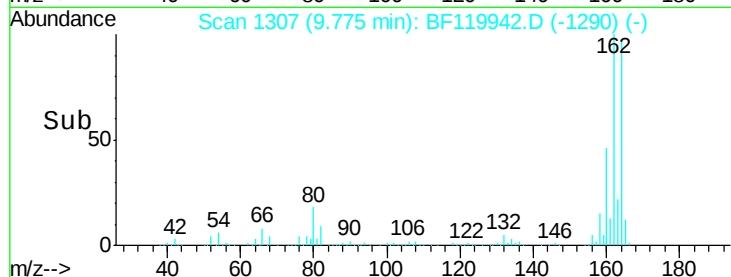
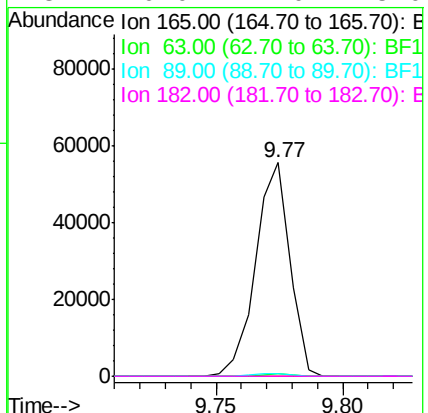
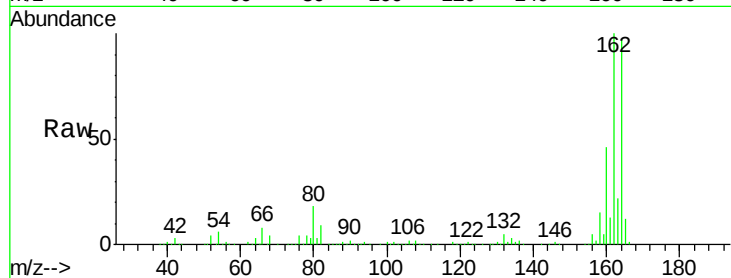




#57
 2,4-Dinitrotoluene
 Concen: 5.916 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

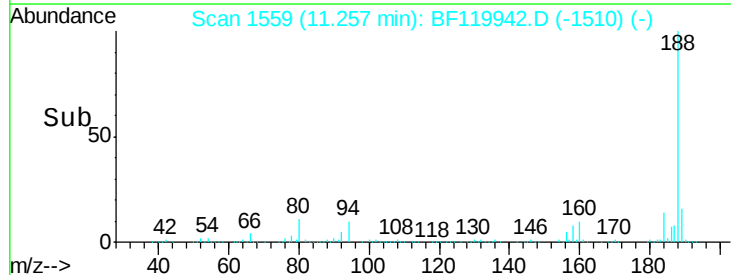
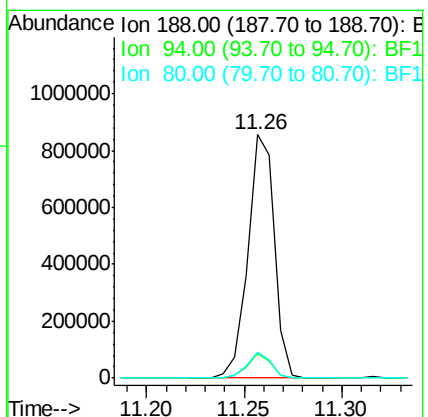
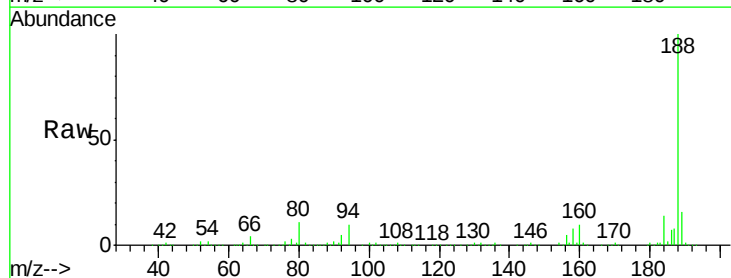
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

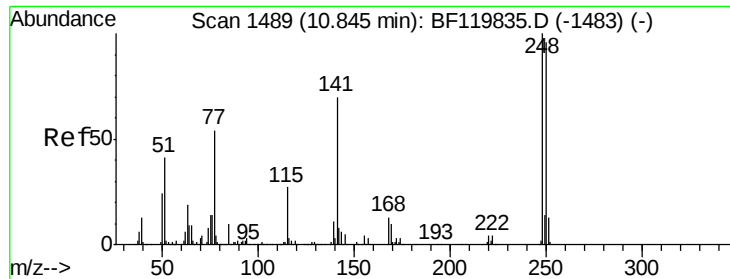
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.7	10.1#
80	10.7	7.4	11.2

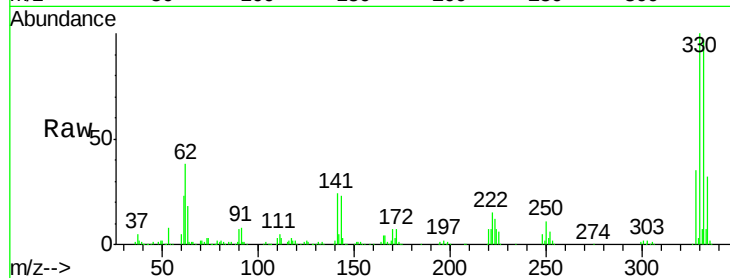




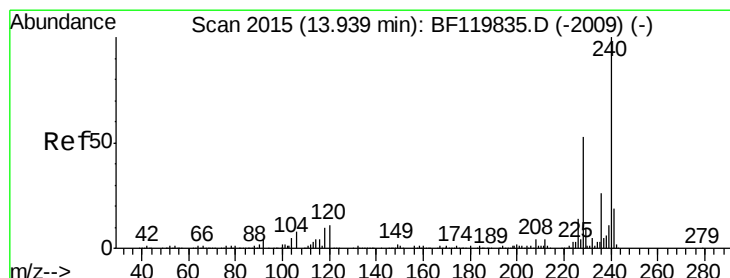
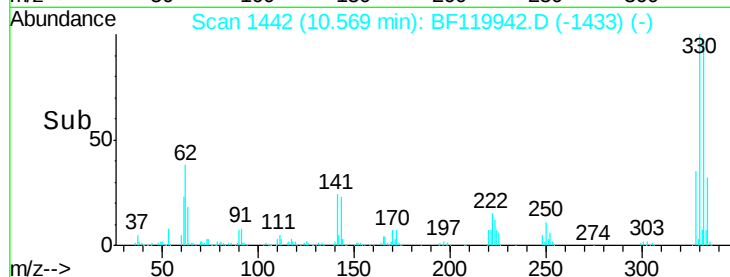
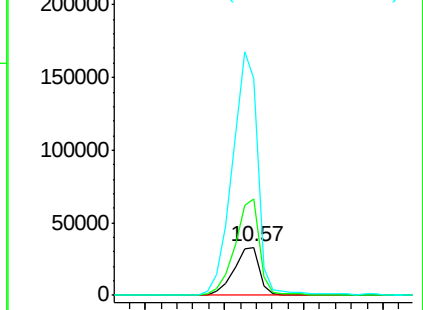
#67
 4-Bromophenyl-phenylether
 Concen: 3.729 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

Tot Ion:248 Resp: 37184
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.6 114.8#
 141 448.4 55.9 83.9#

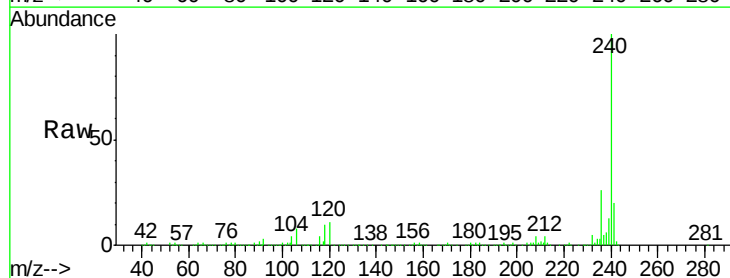


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

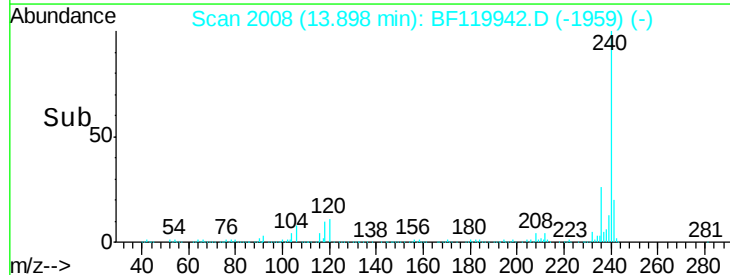
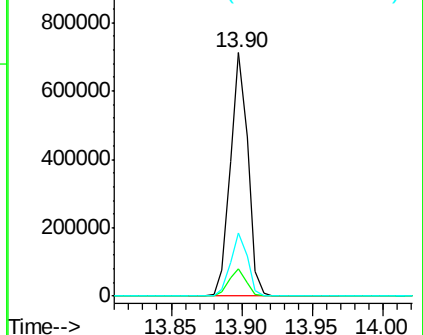


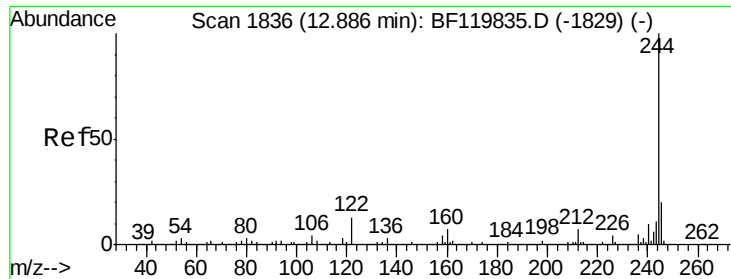
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion:240 Resp: 614097
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.6
 236 26.0 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

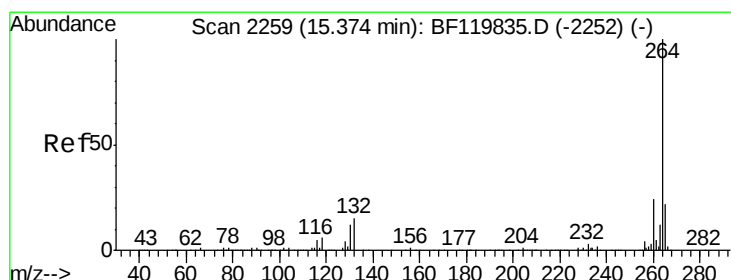
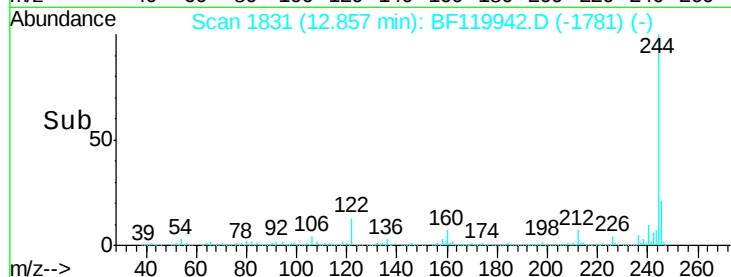
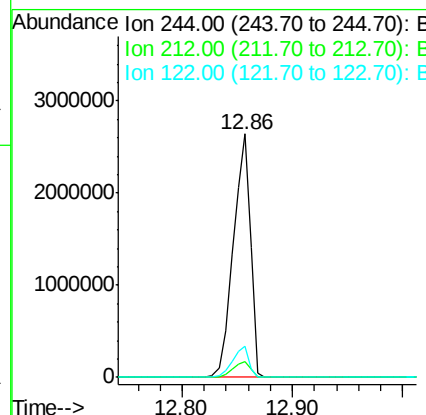
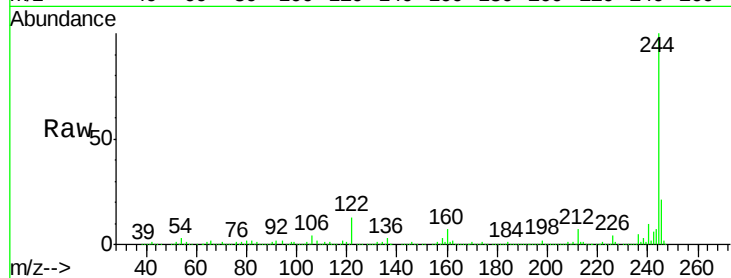




#79
 Terphenyl-d14
 Concen: 78.760 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

Tot Ion:244 Resp: 2874389
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.7 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion:264 Resp: 505521
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 21.5 17.6 26.4

