

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119802.D
 Acq On : 7 Apr 2020 5:49
 Operator : MA/SJ
 Sample : L2132-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-GRAVEL

Quant Time: Apr 07 06:48:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

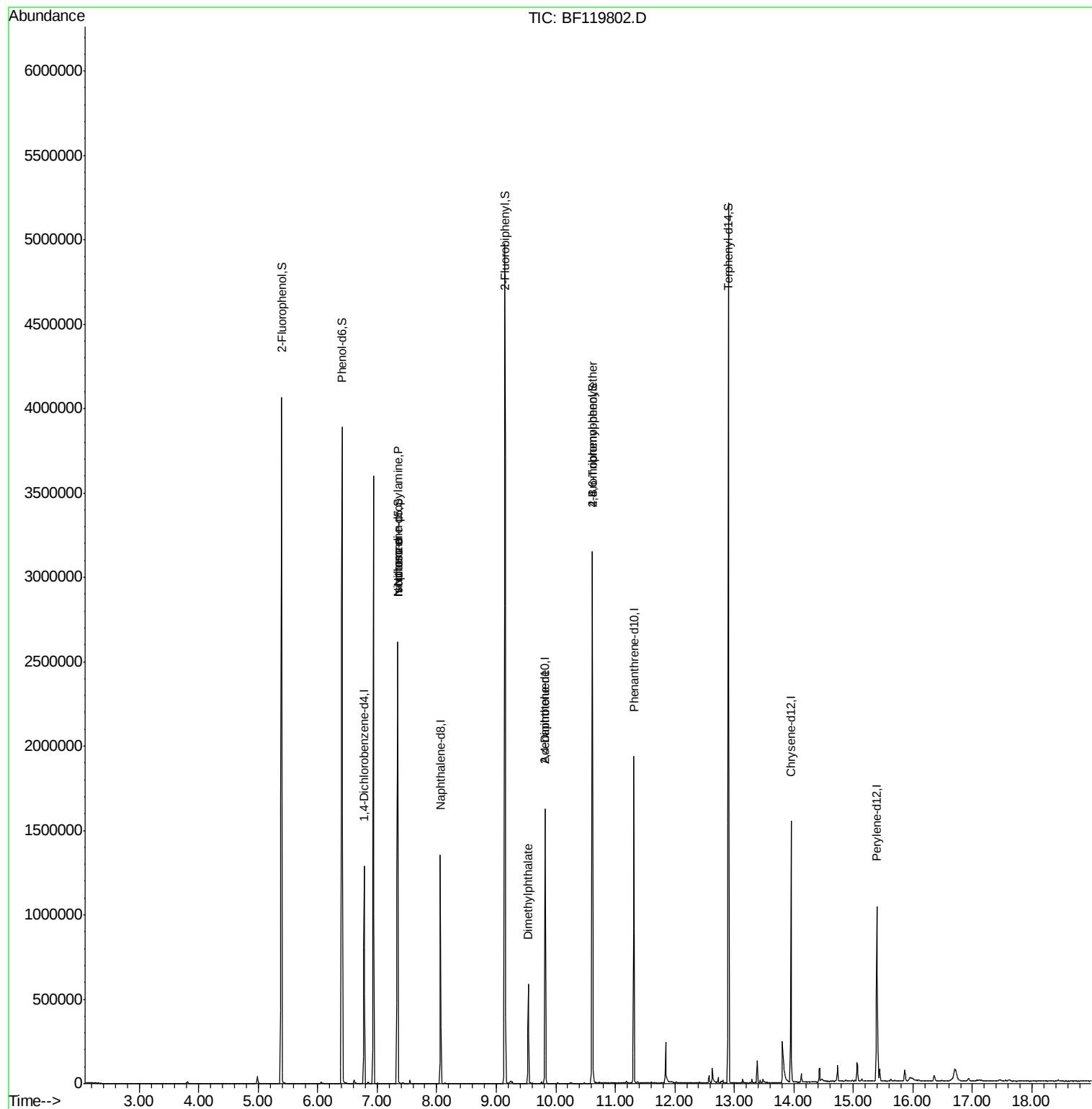
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	171751	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	668055	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	344224	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	666714	20.00	ng	0.00
76) Chrysene-d12	13.95	240	498235	20.00	ng	0.00
87) Perylene-d12	15.40	264	474627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1063069	98.53	ng	0.00
7) Phenol-d6	6.41	99	1363971	98.97	ng	0.00
23) Nitrobenzene-d5	7.35	82	843027	68.58	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	400562	112.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1663745	71.60	ng	0.00
79) Terphenyl-d14	12.90	244	1849634	72.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	106846	12.86	ng	# 75
25) Isophorone	7.35	82	842511	33.79	ng	# 65
50) Dimethylphthalate	9.54	163	213681	8.74	ng	100
57) 2,4-Dinitrotoluene	9.82	165	44499	6.74	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	23634	3.11	ng	# 1

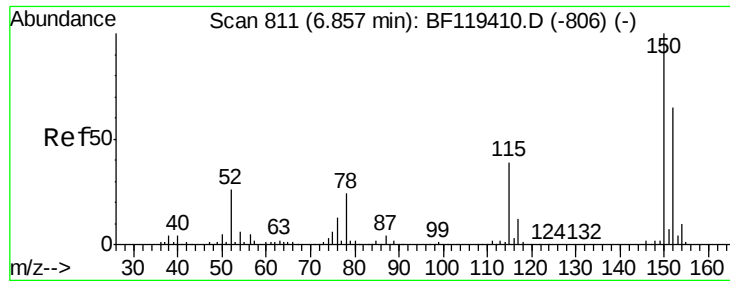
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
Data File : BF119802.D
Acq On : 7 Apr 2020 5:49
Operator : MA/SJ
Sample : L2132-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEAN-GRAVEL

Quant Time: Apr 07 06:48:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Instrument :

BNA_F

ClientSampleId :

CLEAN-GRAVEL

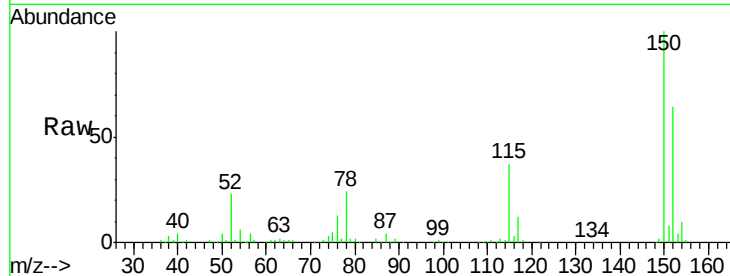
Tgt Ion:152 Resp: 171751

Ion Ratio Lower Upper

152 100

150 155.8 124.5 186.7

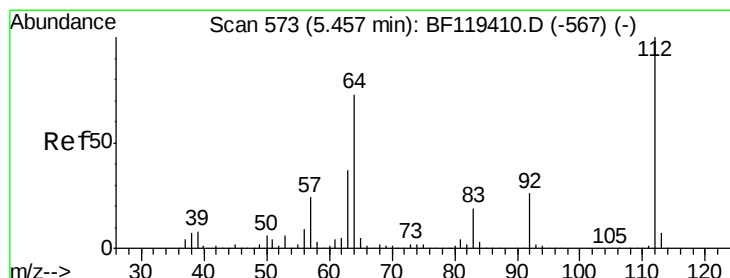
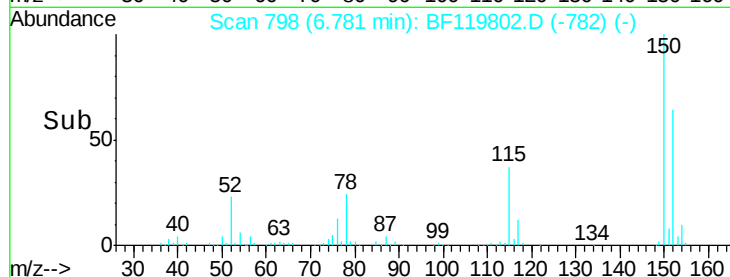
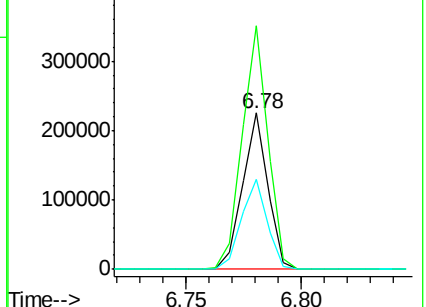
115 57.4 49.6 74.4



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: 98.53 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

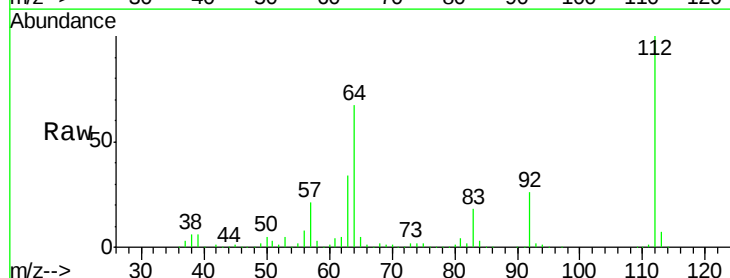
Tgt Ion:112 Resp: 1063069

Ion Ratio Lower Upper

112 100

64 67.0 56.7 85.1

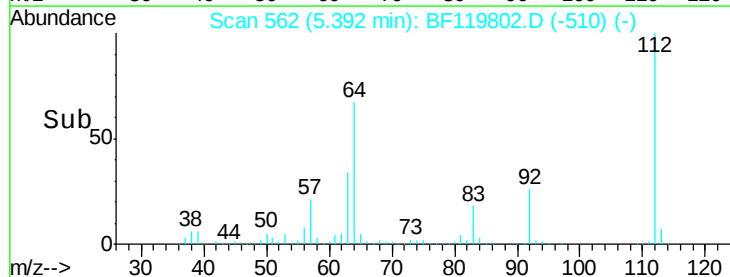
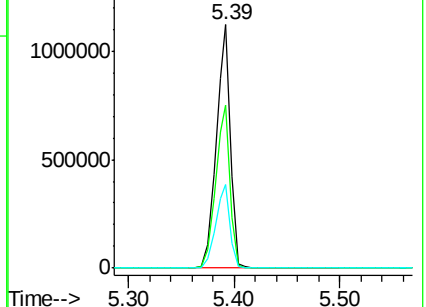
63 34.1 29.5 44.3

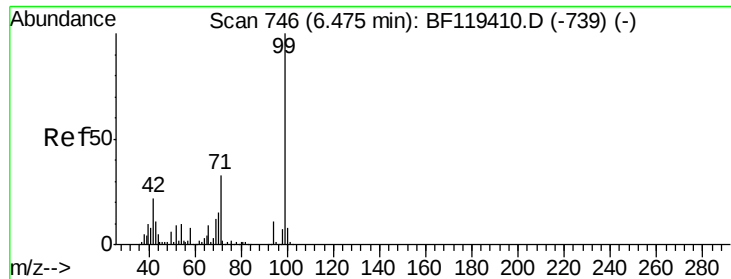


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.97 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Instrument :

BNA_F

ClientSampleId :

CLEAN-GRAVEL

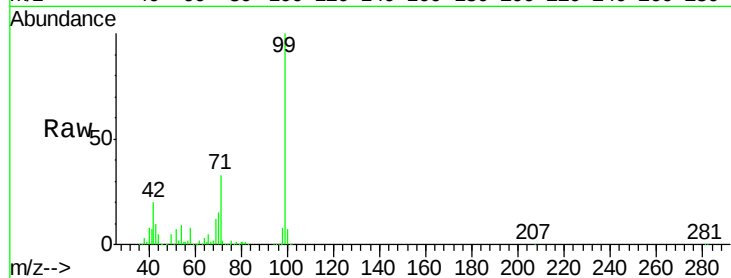
Tgt Ion: 99 Resp: 1363971

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

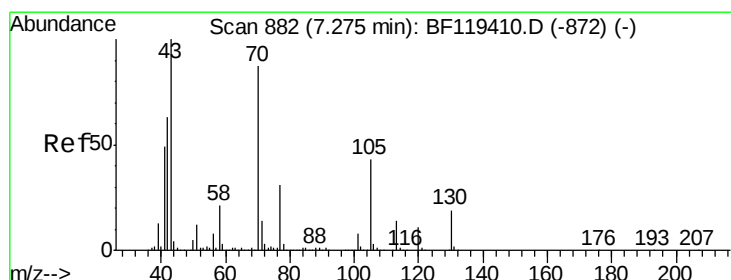
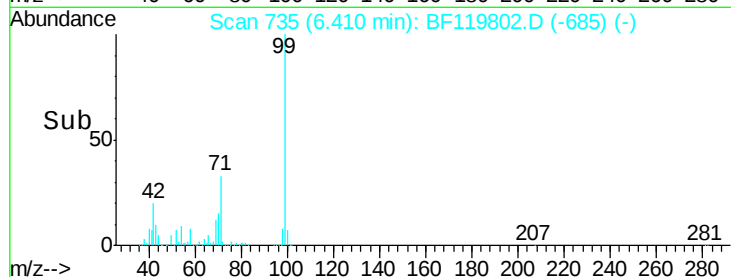
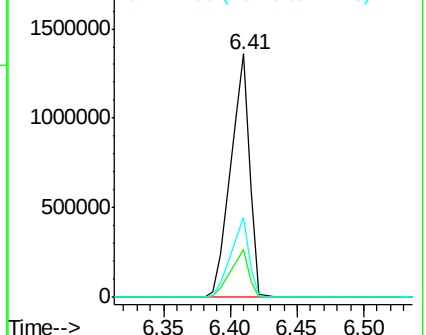
71 32.5 26.4 39.6



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: 12.86 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Tgt Ion: 70 Resp: 106846

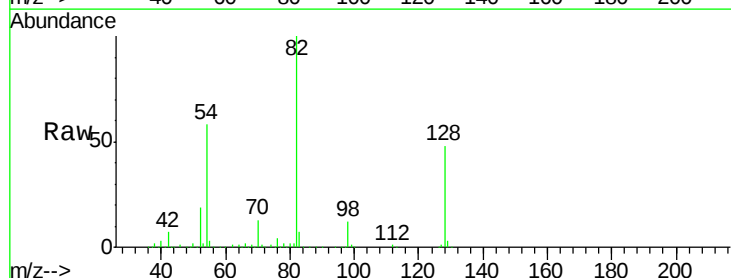
Ion Ratio Lower Upper

70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

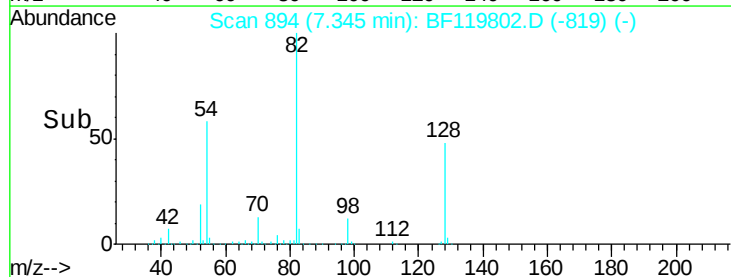
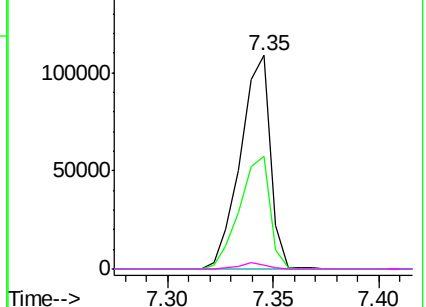


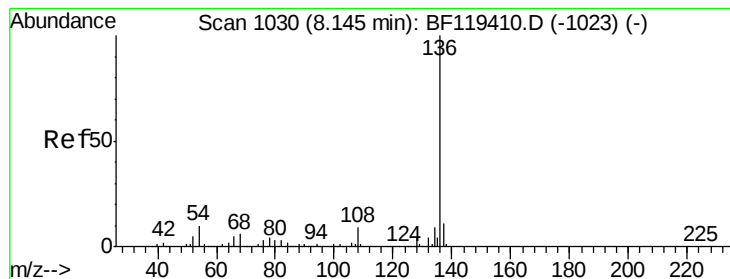
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Instrument :

BNA_F

ClientSampleId :

CLEAN-GRAVEL

Tgt Ion:136 Resp: 668055

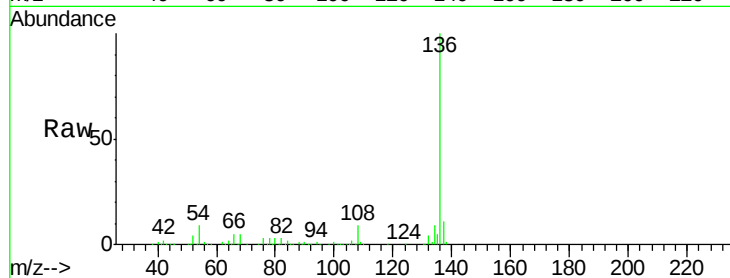
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.3 9.1 13.7

68 5.2 4.6 6.8

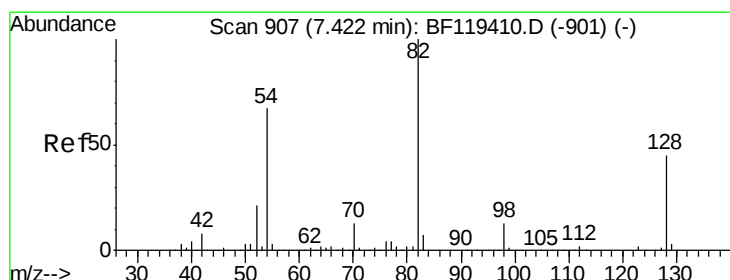
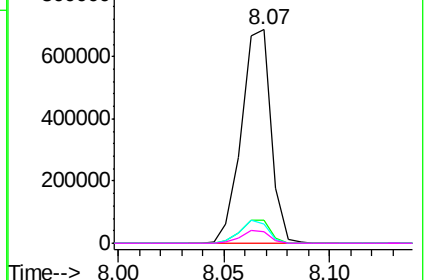
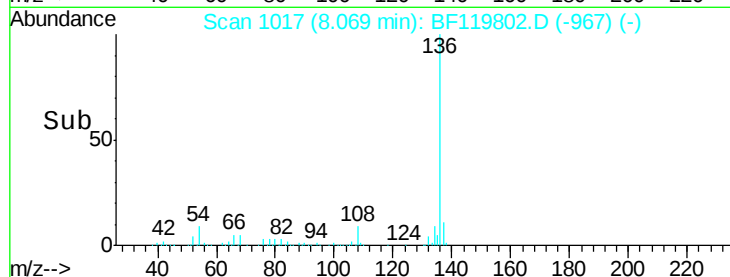


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.58 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

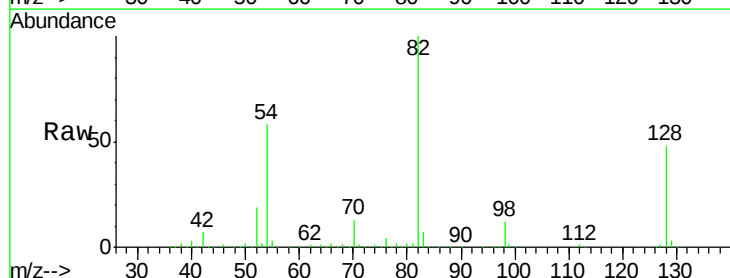
Tgt Ion: 82 Resp: 843027

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

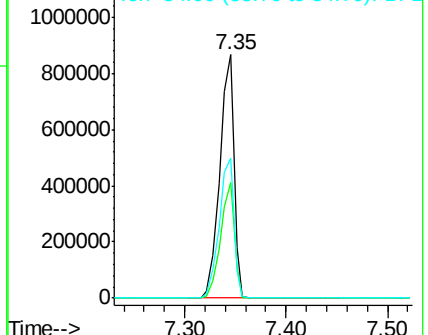
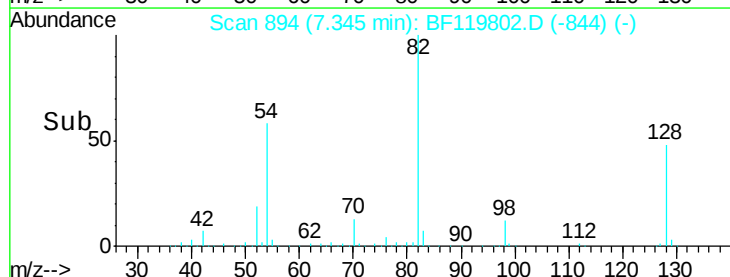
54 57.7 50.6 75.8

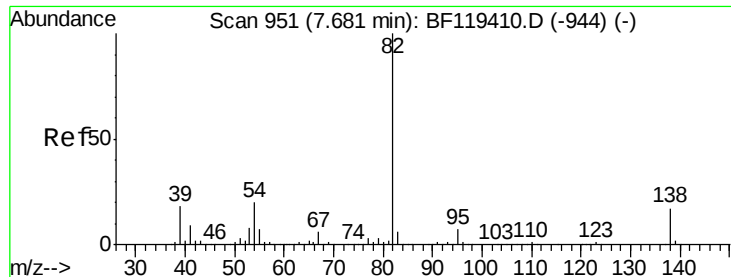


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.79 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Instrument :

BNA_F

ClientSampleId :

CLEAN-GRAVEL

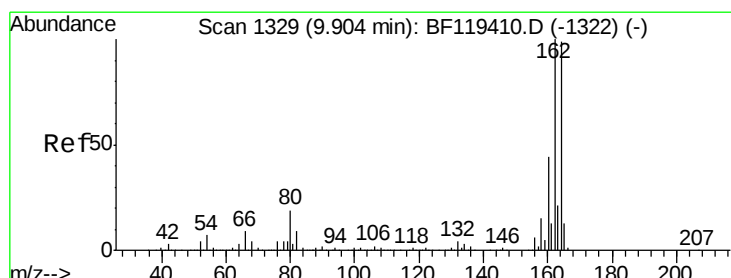
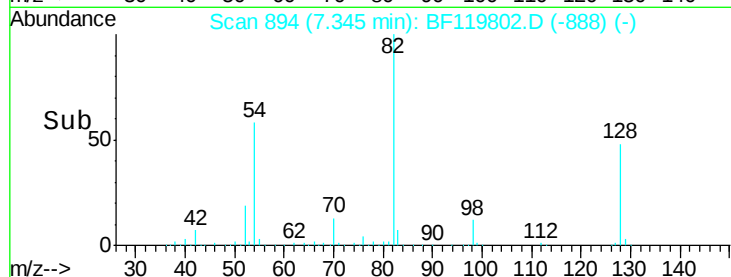
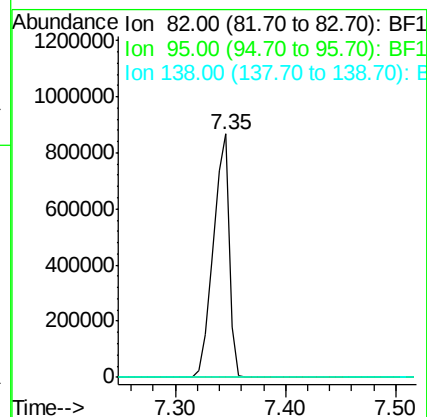
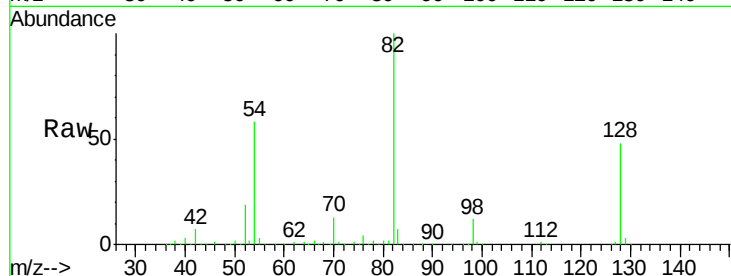
Tgt Ion: 82 Resp: 842511

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

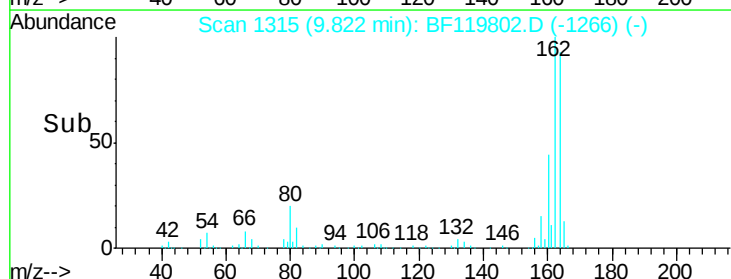
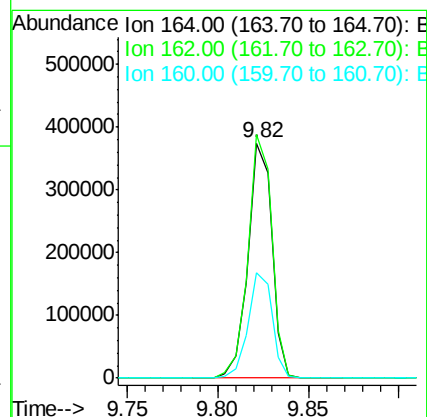
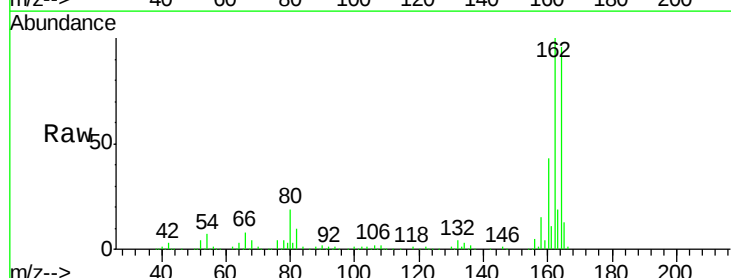
Tgt Ion: 164 Resp: 344224

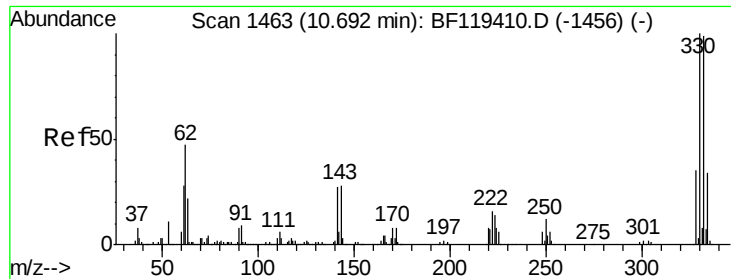
Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 45.0 35.7 53.5

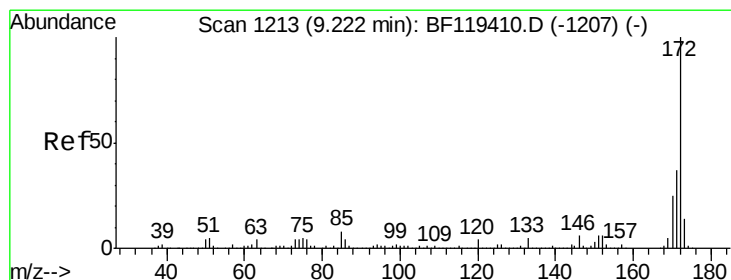
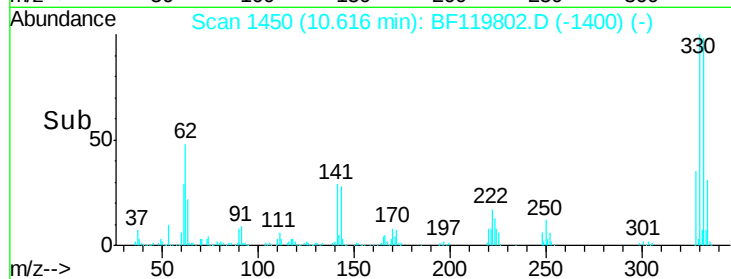
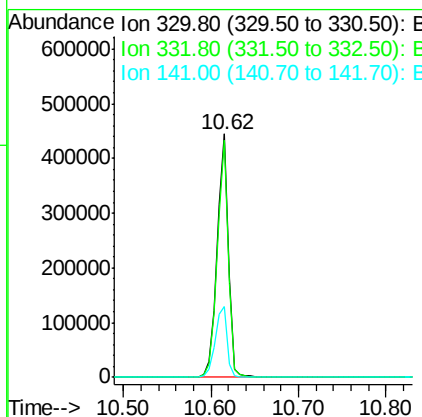
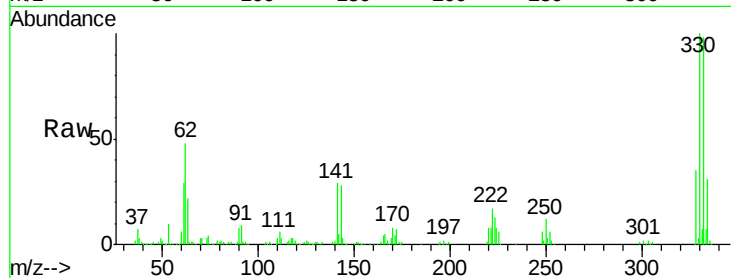




#42
 2,4,6-Tribromophenol
 Concen: 112.80 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119802.D
 Acq: 7 Apr 2020 5:49

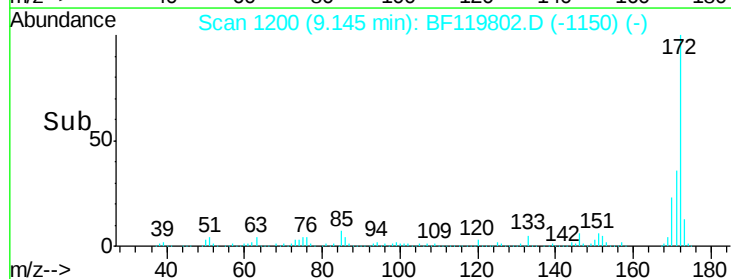
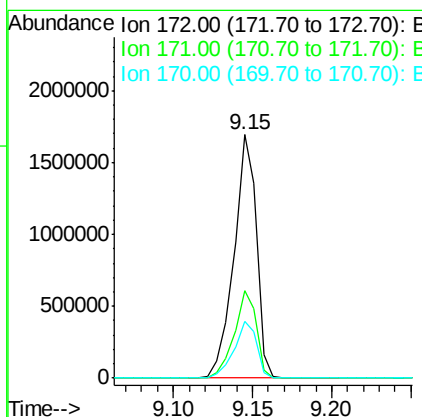
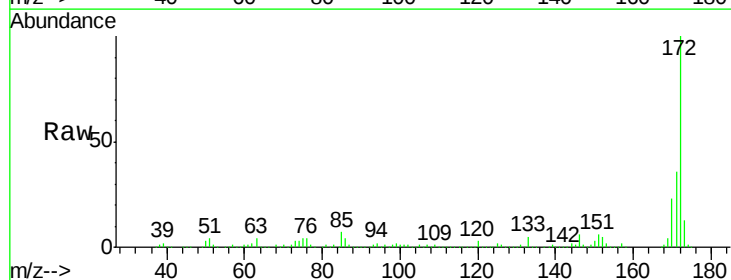
Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-GRAVEL

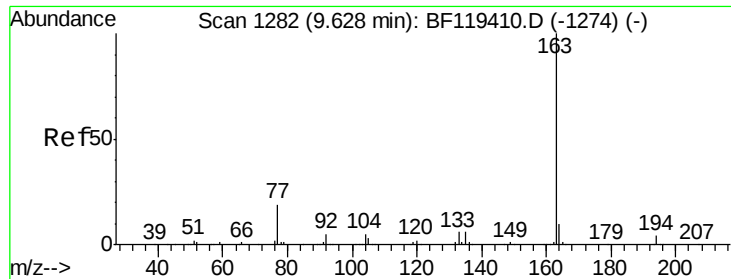
Tgt Ion:330 Resp: 400562
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 30.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 71.60 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119802.D
 Acq: 7 Apr 2020 5:49

Tgt Ion:172 Resp: 1663745
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.2 20.2 30.2

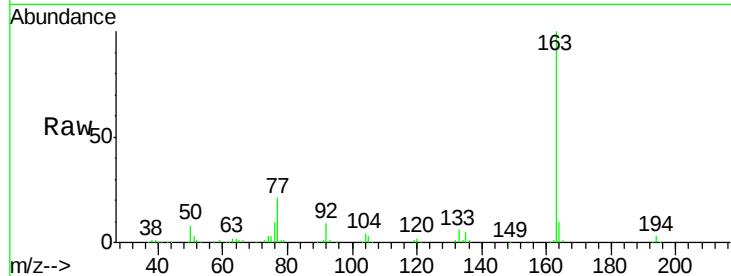




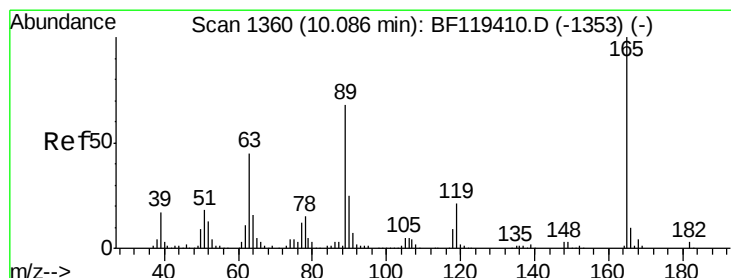
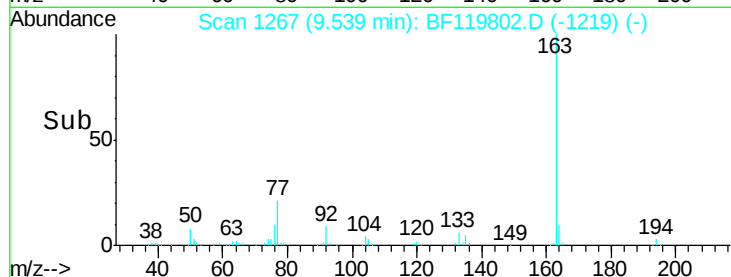
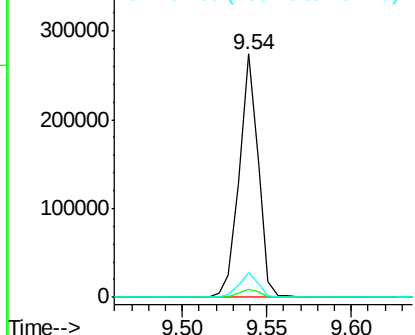
#50
Dimethylphthalate
Concen: 8.74 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119802.D
Acq: 7 Apr 2020 5:49

Instrument :
BNA_F
ClientSampleId :
CLEAN-GRAVEL

Tgt Ion:	163	Resp:	213681
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.1	4.7
164	10.2	8.2	12.2

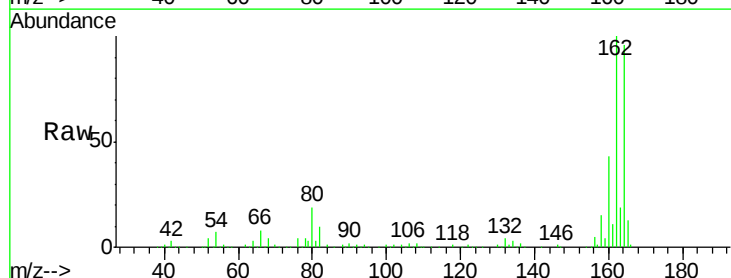


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

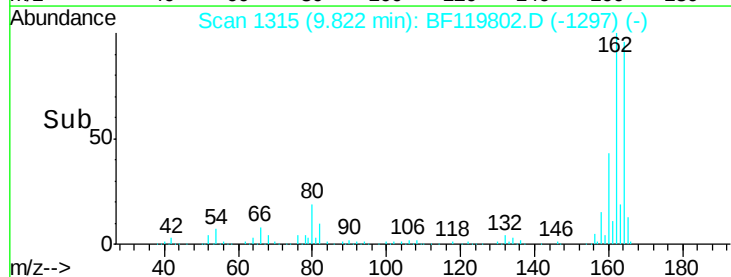
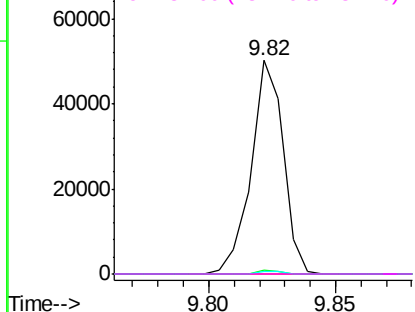


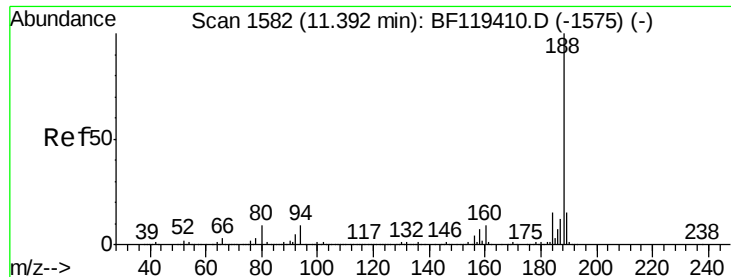
#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119802.D
Acq: 7 Apr 2020 5:49

Tgt Ion:	165	Resp:	44499
Ion Ratio	Lower	Upper	
165	100		
63	1.6	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#



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

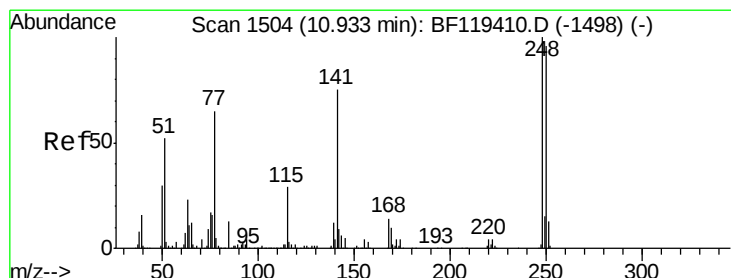
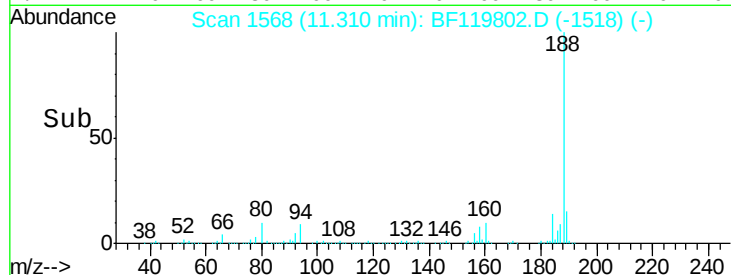
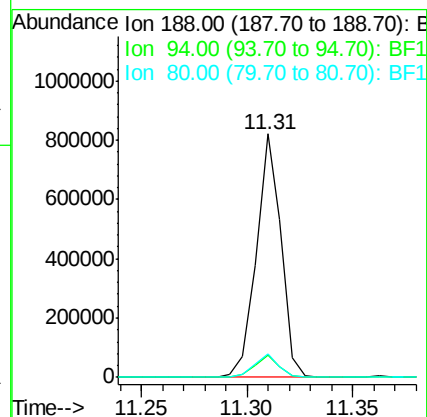
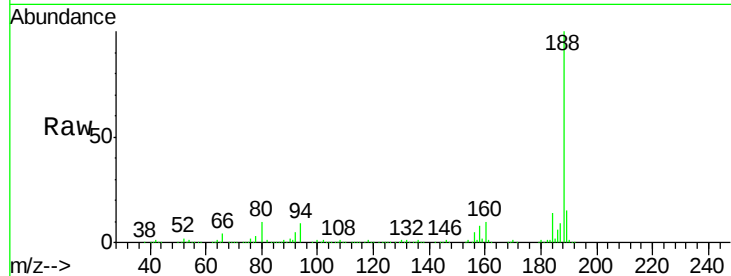




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119802.D
 Acq: 7 Apr 2020 5:49

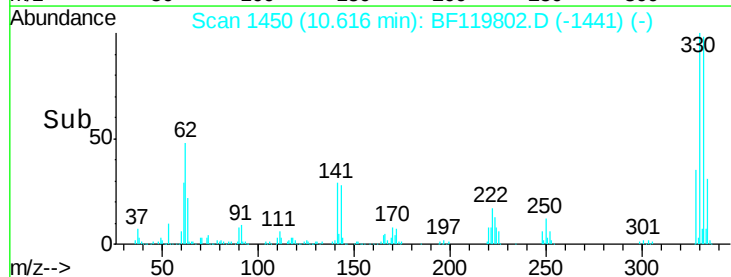
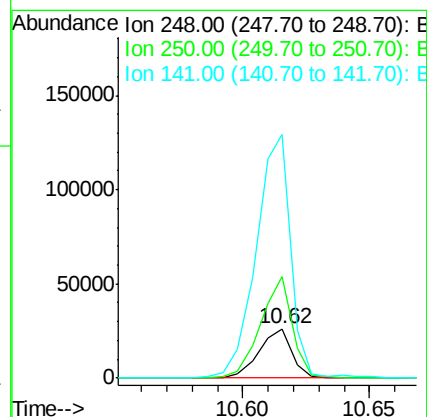
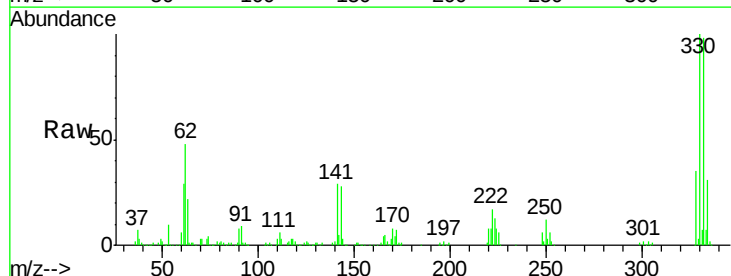
Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-GRAVEL

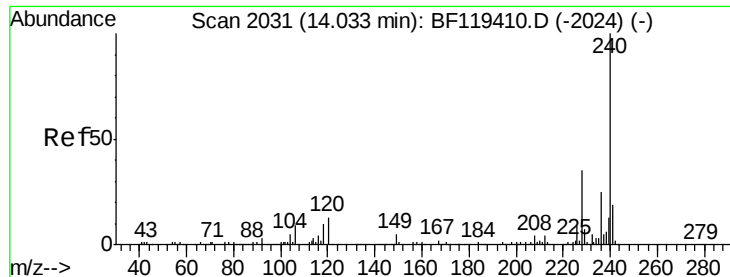
Tgt Ion:188 Resp: 666714
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.11 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119802.D
 Acq: 7 Apr 2020 5:49

Tgt Ion:248 Resp: 23634
 Ion Ratio Lower Upper
 248 100
 250 205.6 77.3 115.9#
 141 494.7 58.6 87.8#

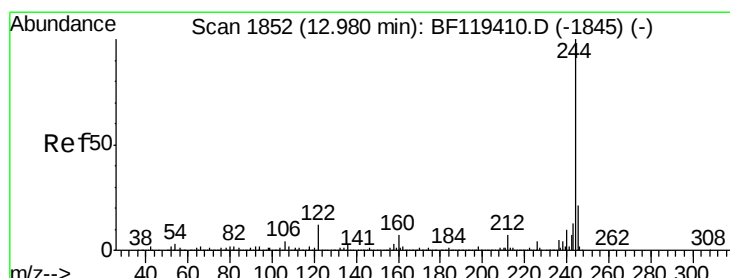
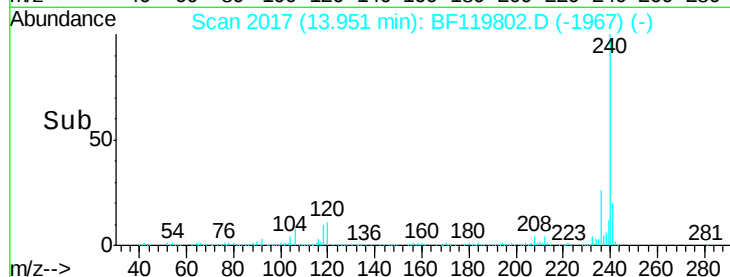
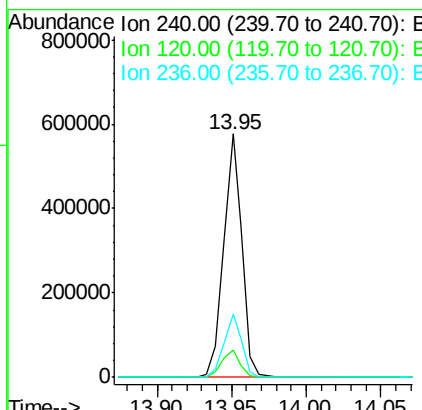
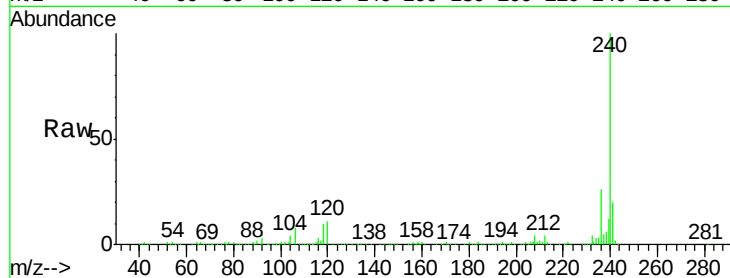




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119802.D
Acq: 7 Apr 2020 5:49

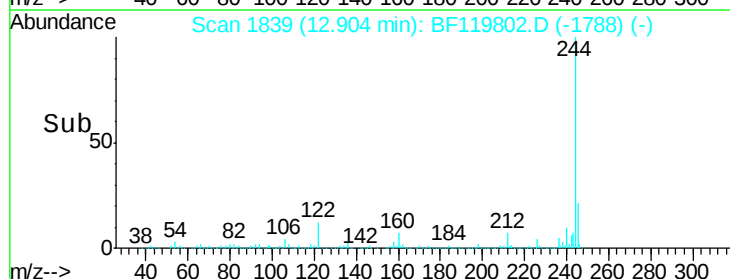
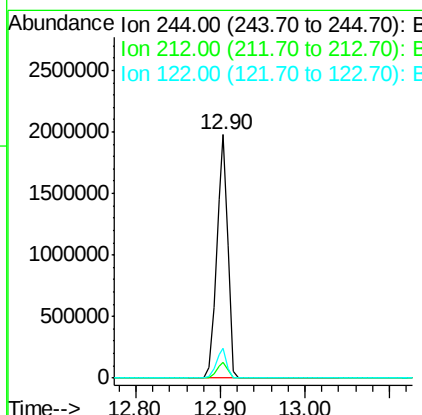
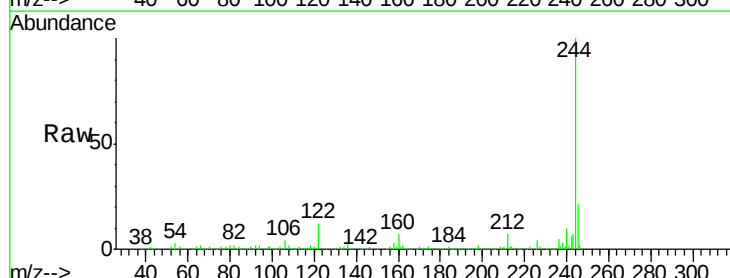
Instrument :
BNA_F
ClientSampleId :
CLEAN-GRAVEL

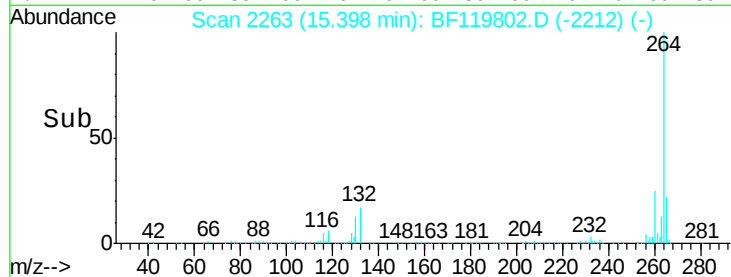
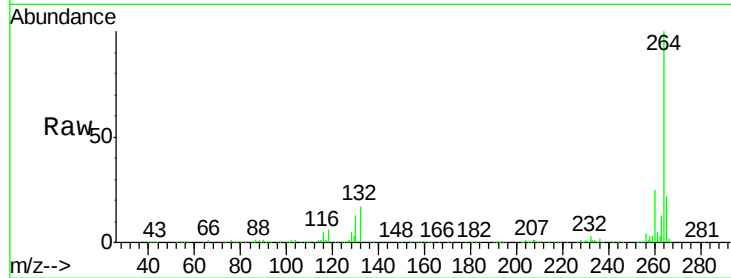
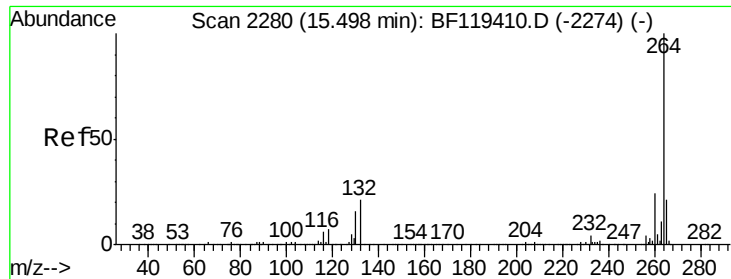
Tgt Ion:240 Resp: 498235
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 72.73 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF119802.D
Acq: 7 Apr 2020 5:49

Tgt Ion:244 Resp: 1849634
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 12.2 10.3 15.5





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119802.D

Acq: 7 Apr 2020 5:49

Instrument :

BNA_F

ClientSampleId :

CLEAN-GRAVEL

Tgt Ion: 264 Resp: 474627

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.6 17.7 26.5

