

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119476.D
 Acq On : 20 Mar 2020 17:12
 Operator : CG/JU
 Sample : L1755-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031920

Quant Time: Mar 20 22:53:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

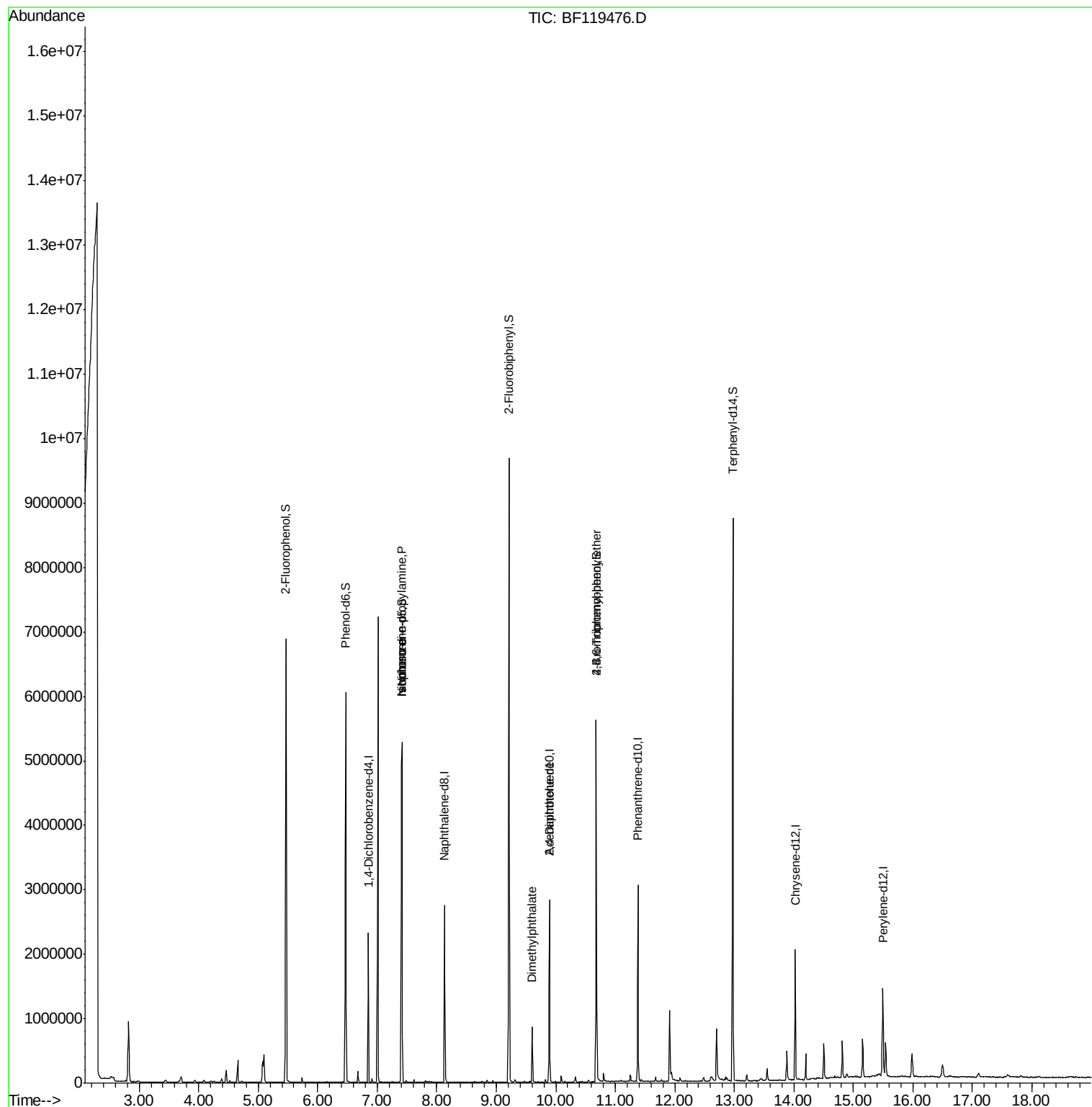
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	297764	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1114238	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	575739	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1070438	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	681800	20.00	ng	-0.01
87) Perylene-d12	15.49	264	656154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1963510	104.97	ng	0.02
7) Phenol-d6	6.47	99	2123747	88.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1763167	86.00	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	763809	128.59	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3038548	78.19	ng	0.00
79) Terphenyl-d14	12.97	244	3363747	96.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	235764	16.37	ng	# 73
25) Isophorone	7.42	82	1763134	42.39	ng	# 66
50) Dimethylphthalate	9.60	163	327361	8.00	ng	98
57) 2,4-Dinitrotoluene	9.89	165	73074	6.62	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	46820	3.84	ng	# 1

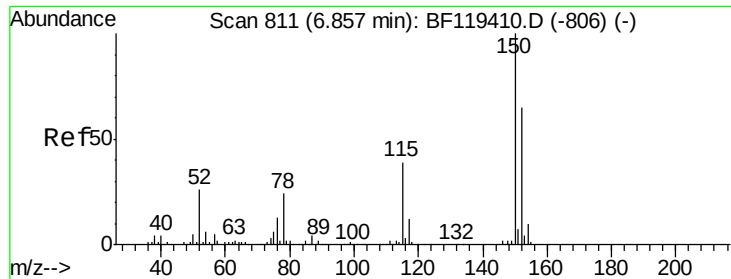
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
Data File : BF119476.D
Acq On : 20 Mar 2020 17:12
Operator : CG/JU
Sample : L1755-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Quant Time: Mar 20 22:53:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



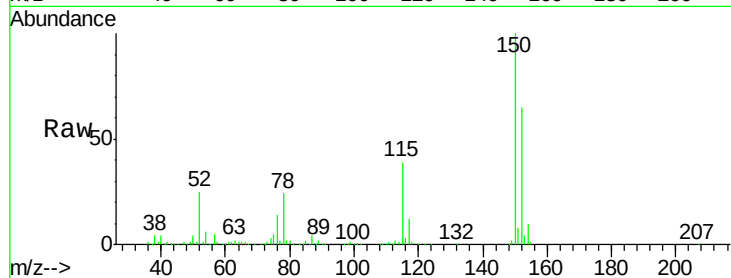


#1

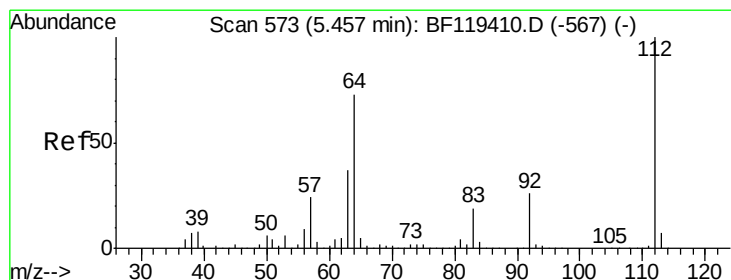
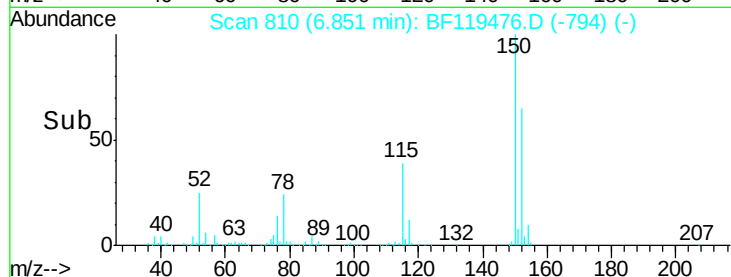
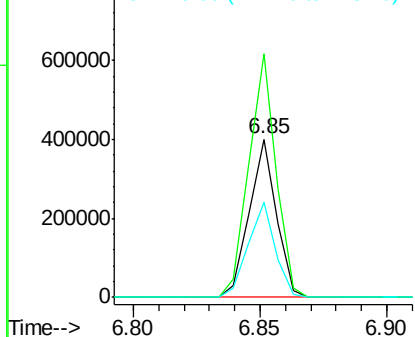
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119476.D
 Acq: 20 Mar 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031920

Tgt Ion:152 Resp: 297764
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.9 185.9
 115 60.0 47.8 71.6



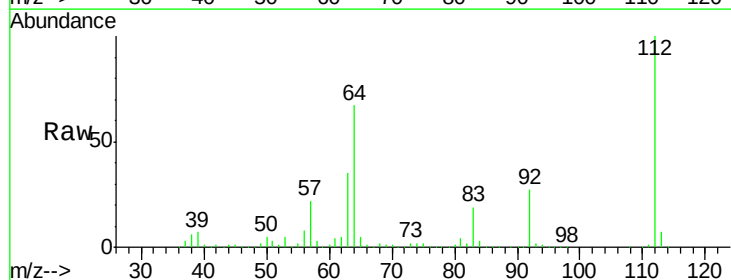
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



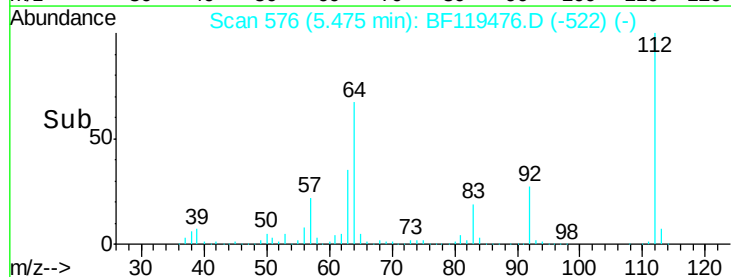
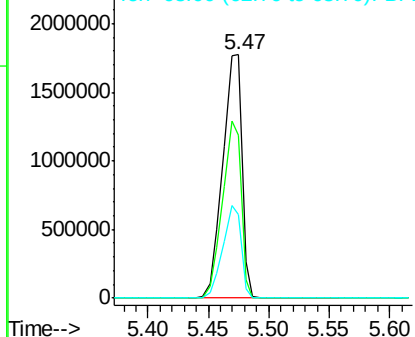
#5

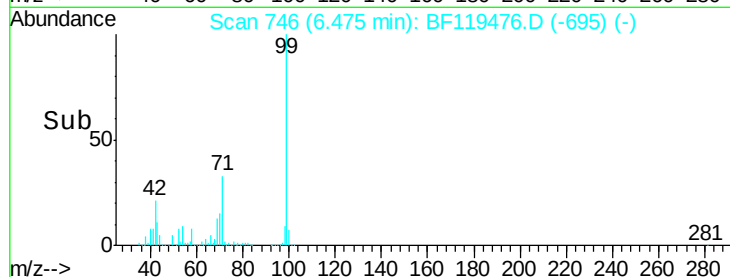
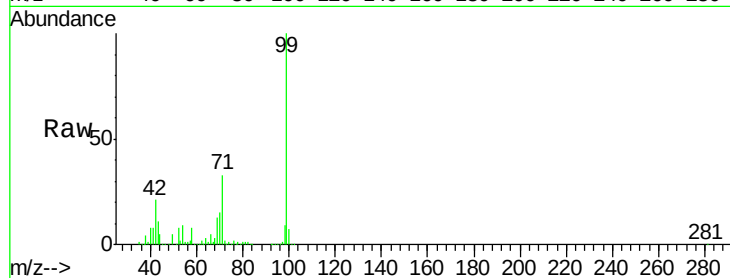
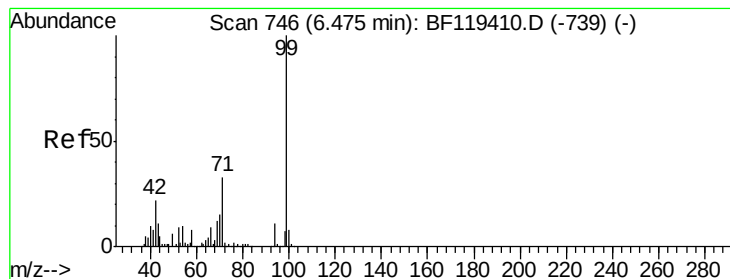
2-Fluorophenol
 Concen: 104.97 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.02 min
 Lab File: BF119476.D
 Acq: 20 Mar 2020 17:12

Tgt Ion:112 Resp: 1963510
 Ion Ratio Lower Upper
 112 100
 64 67.1 58.1 87.1
 63 34.6 29.7 44.5



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: 88.88 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

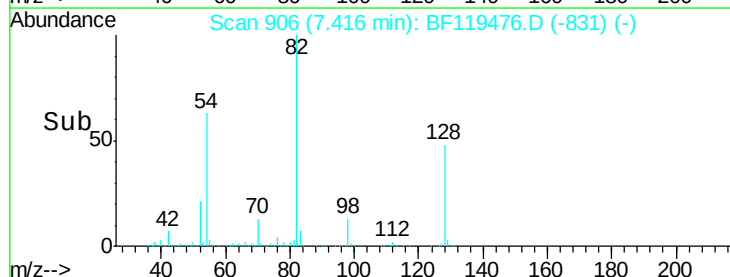
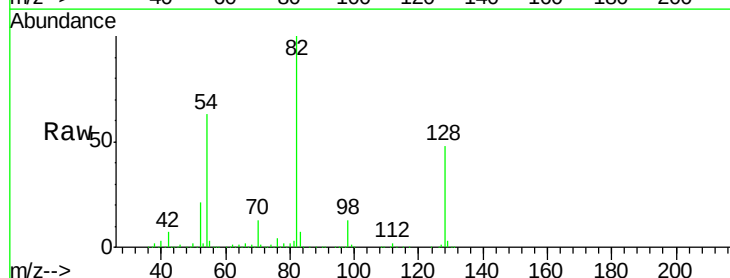
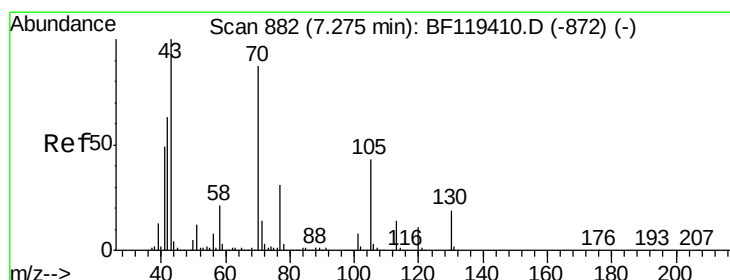
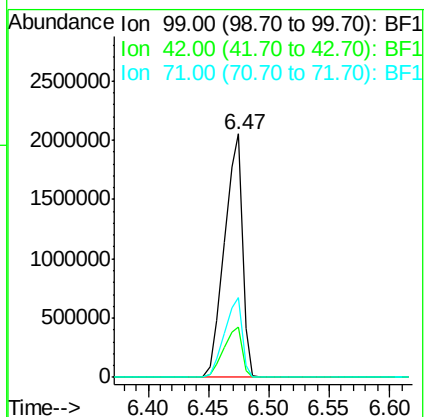
Tgt Ion: 99 Resp: 2123747

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

71 32.8 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.37 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

Tgt Ion: 70 Resp: 235764

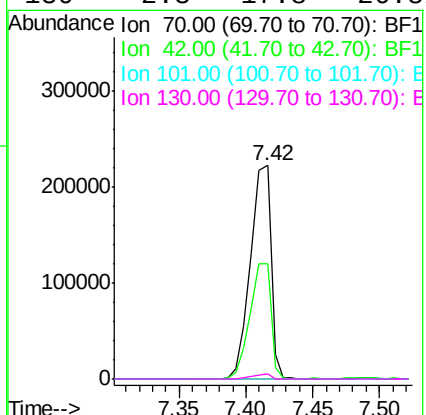
Ion Ratio Lower Upper

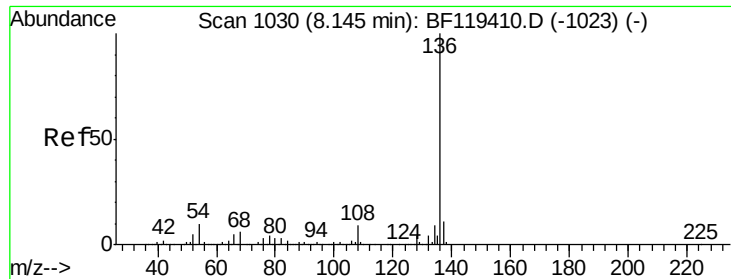
70 100

42 54.1 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

Tgt Ion:136 Resp: 1114238

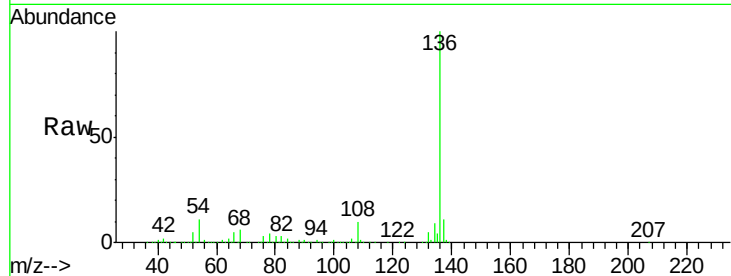
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.0 8.3 12.5

68 5.9 4.9 7.3

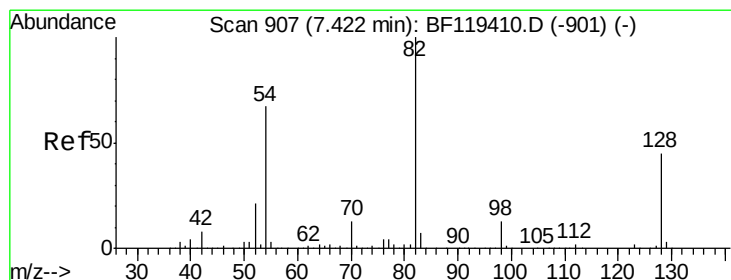
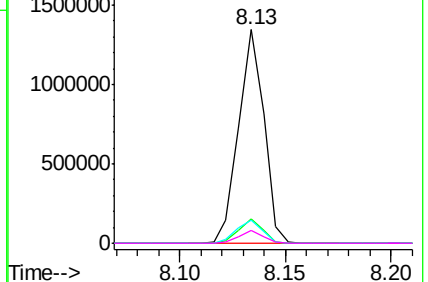
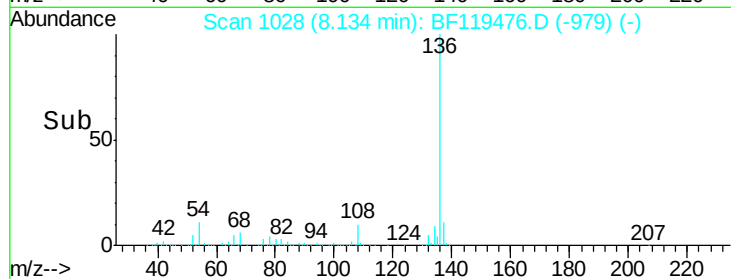


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.00 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

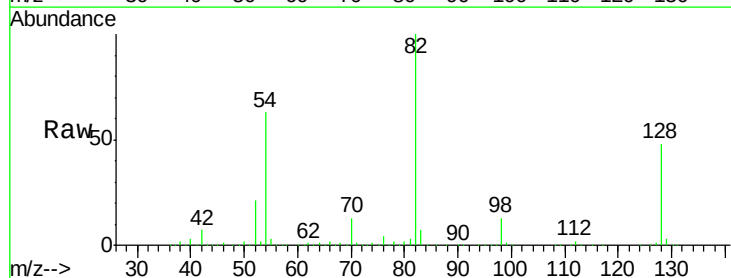
Tgt Ion: 82 Resp: 1763167

Ion Ratio Lower Upper

82 100

128 48.3 35.8 53.8

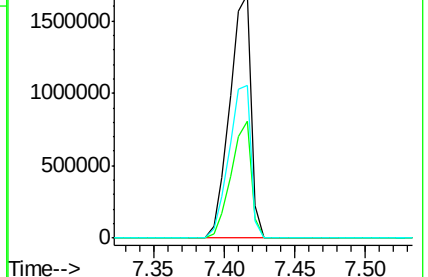
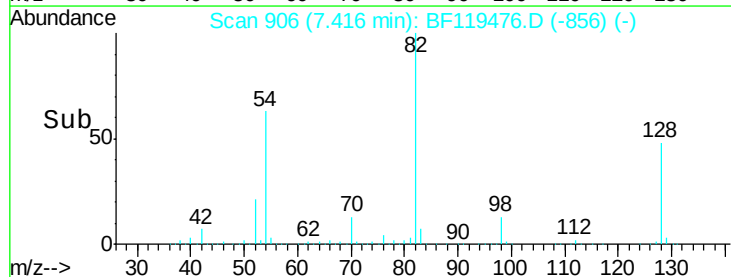
54 62.6 53.4 80.0

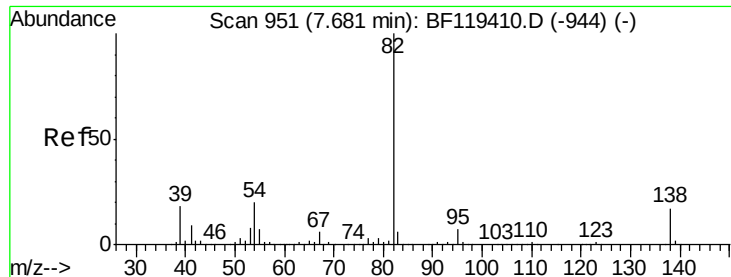


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.39 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

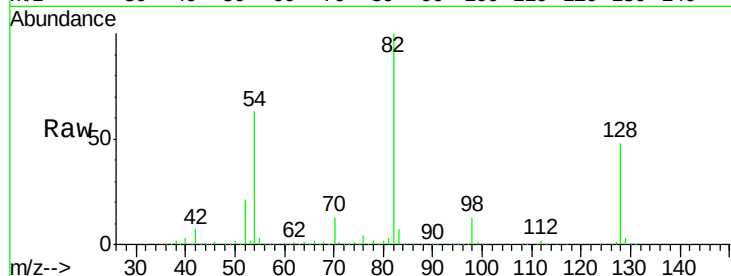
Tgt Ion: 82 Resp: 1763134

Ion Ratio Lower Upper

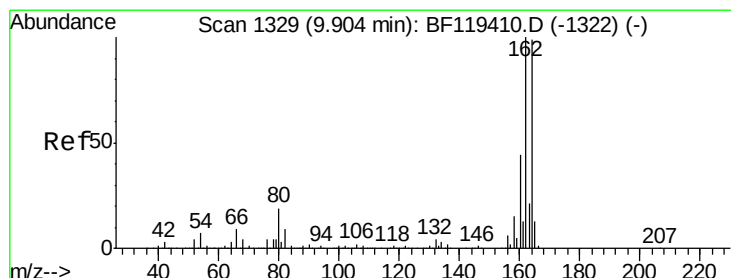
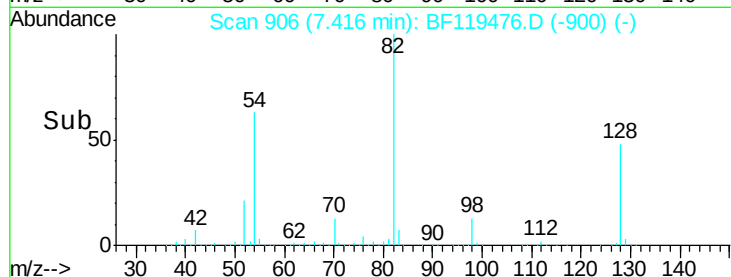
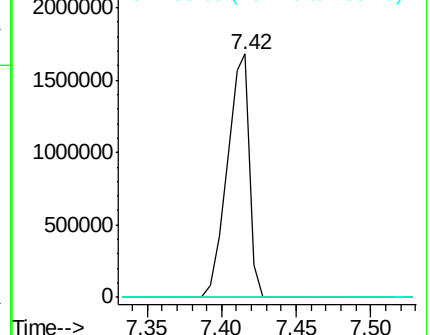
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

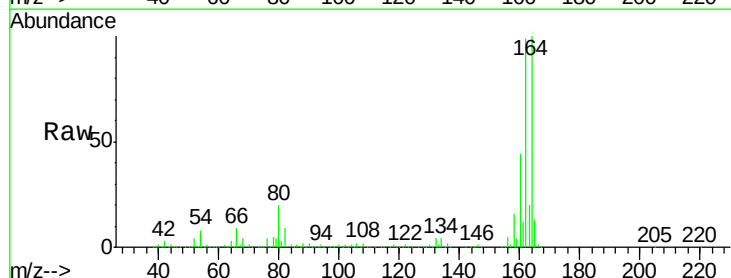
Tgt Ion: 164 Resp: 575739

Ion Ratio Lower Upper

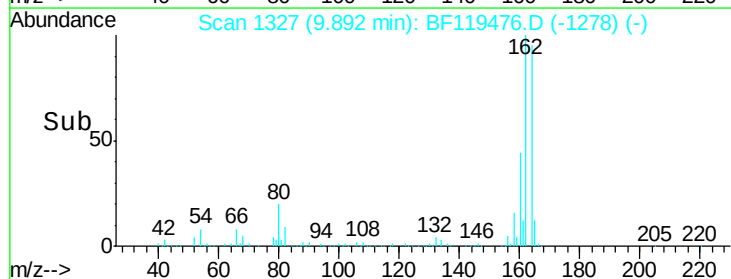
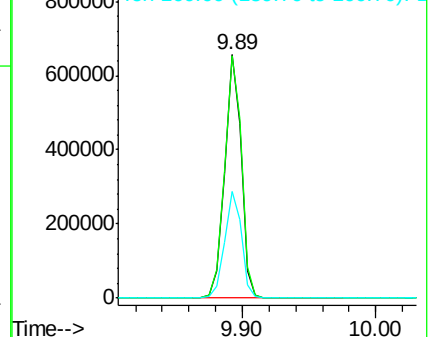
164 100

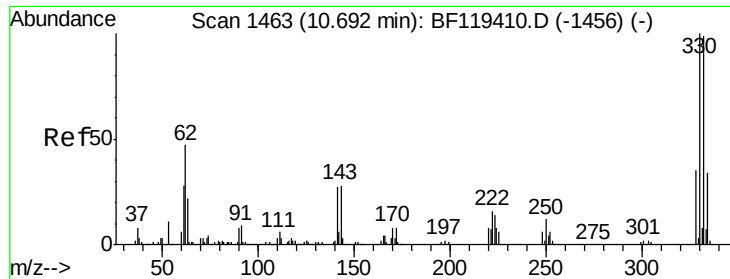
162 99.4 80.7 121.1

160 43.8 35.5 53.3



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

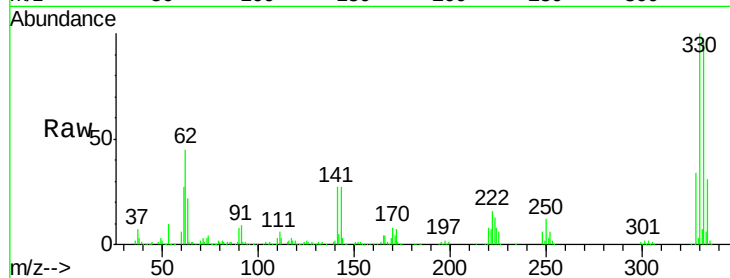




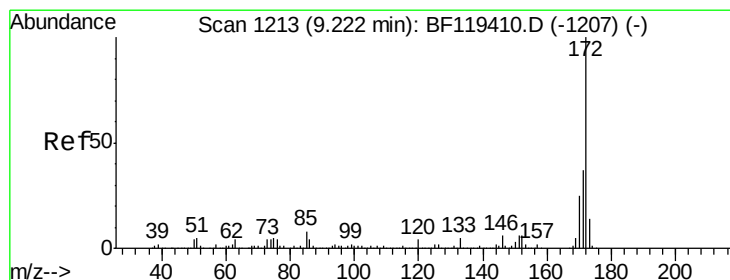
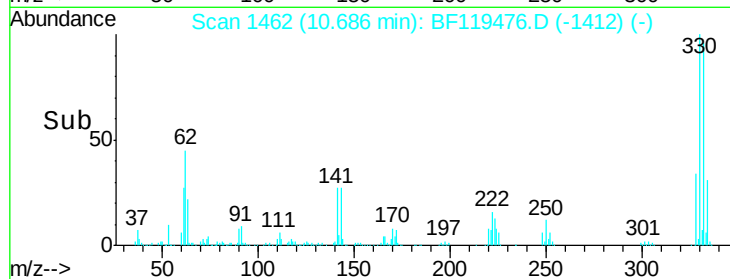
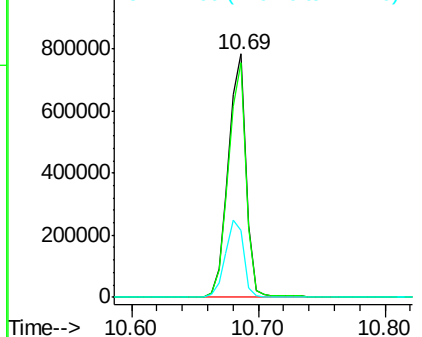
#42
 2,4,6-Tribromophenol
 Concen: 128.59 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119476.D
 Acq: 20 Mar 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031920

Tgt Ion:330 Resp: 763809
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 32.6 26.6 40.0

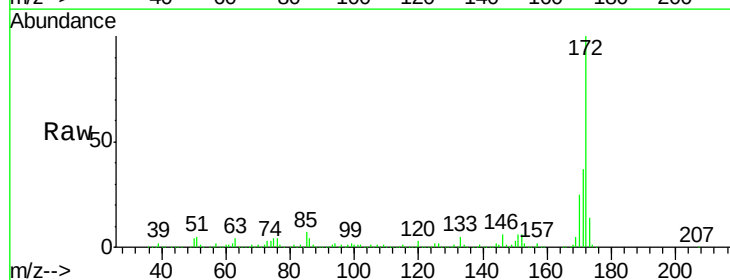


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

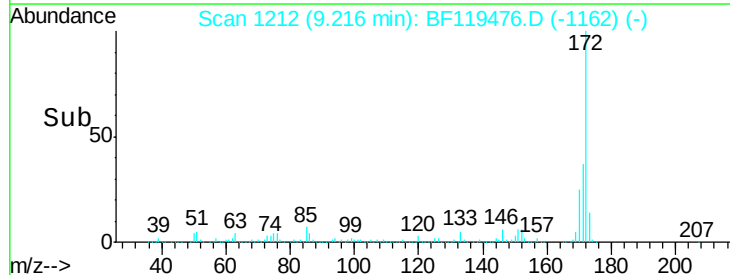
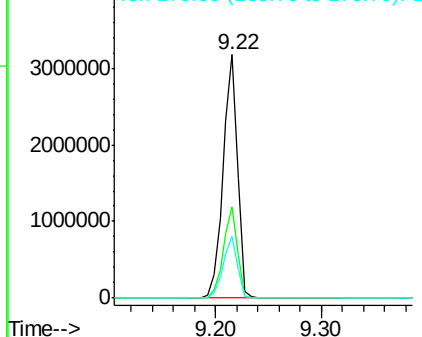


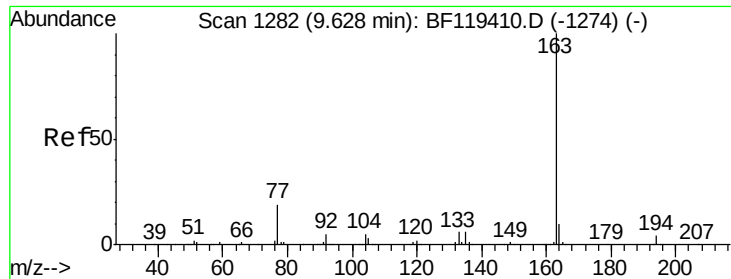
#45
 2-Fluorobiphenyl
 Concen: 78.19 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119476.D
 Acq: 20 Mar 2020 17:12

Tgt Ion:172 Resp: 3038548
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 25.2 20.1 30.1



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

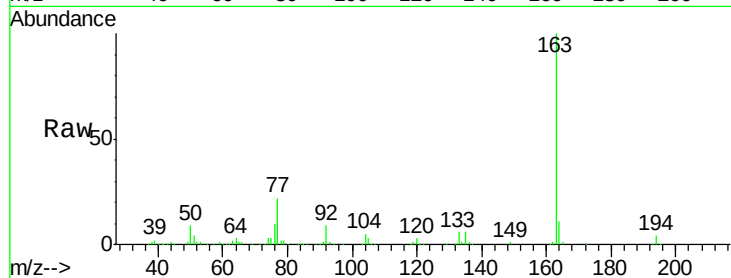




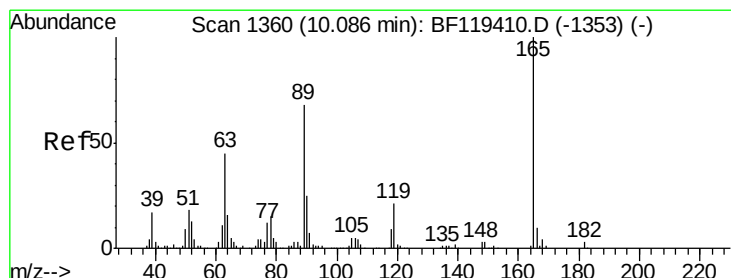
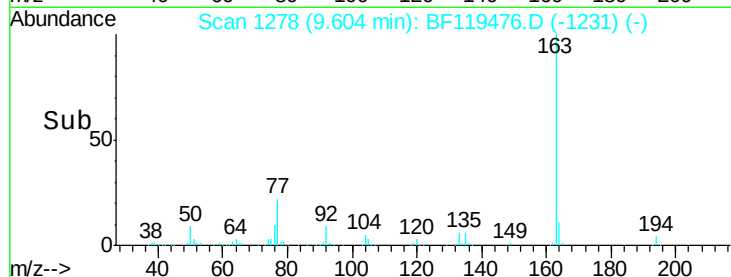
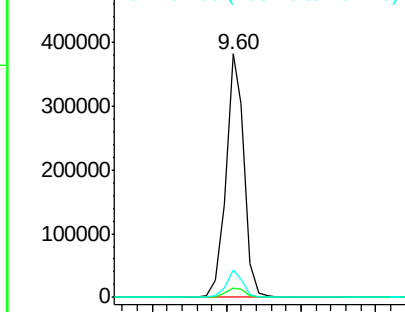
#50
Dimethylphthalate
Concen: 8.00 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119476.D
Acq: 20 Mar 2020 17:12

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Tgt Ion:163 Resp: 327361
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 11.0 8.1 12.1

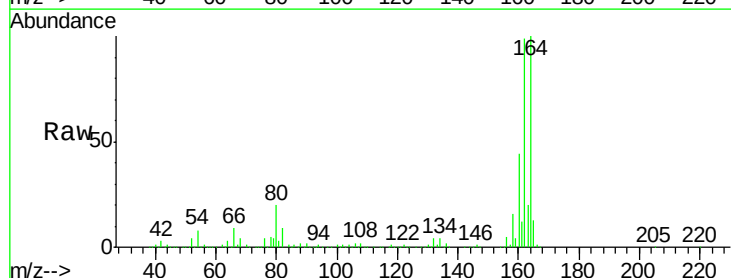


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

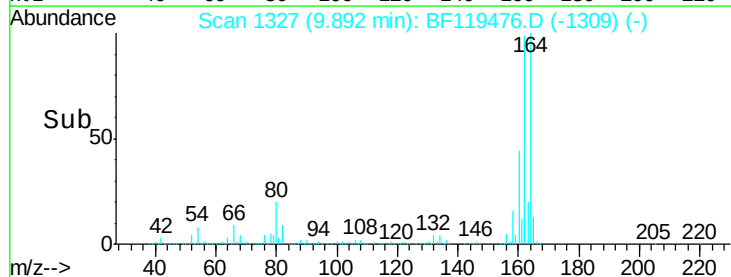
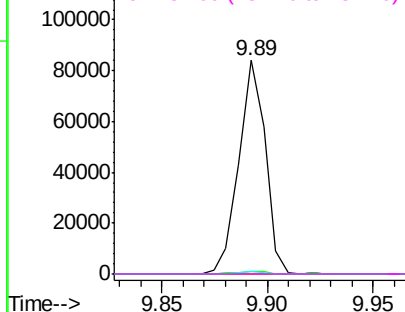


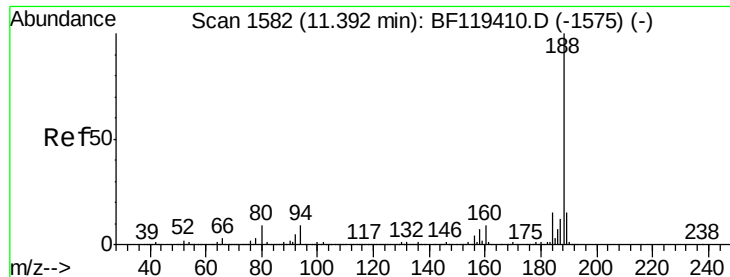
#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF119476.D
Acq: 20 Mar 2020 17:12

Tgt Ion:165 Resp: 73074
Ion Ratio Lower Upper
165 100
63 1.0 36.2 54.4#
89 1.2 54.3 81.5#
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

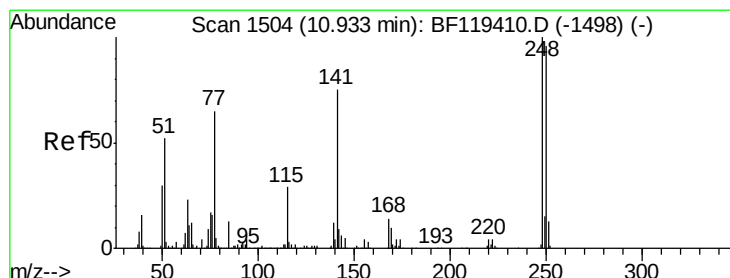
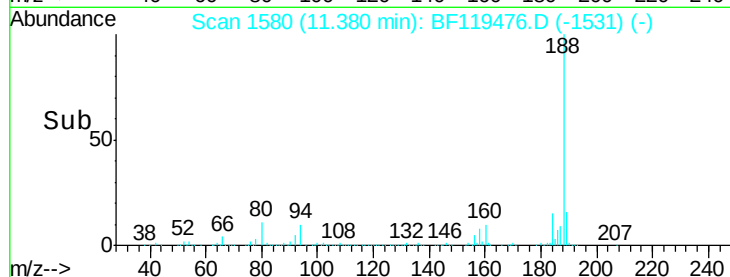
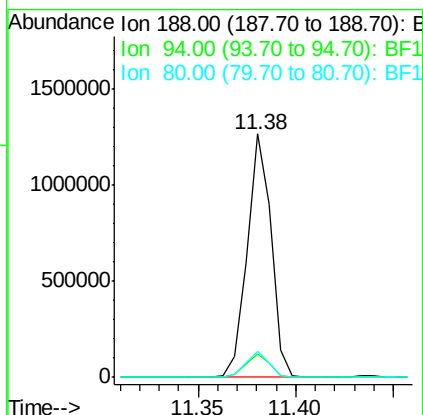
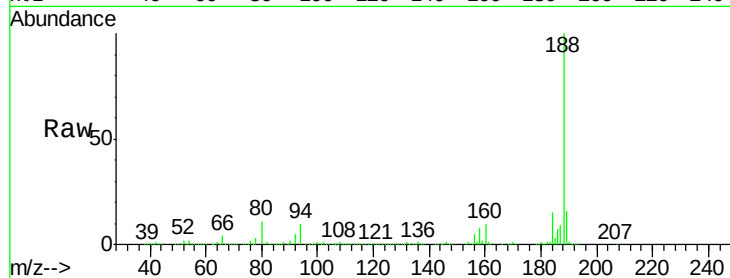




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119476.D
Acq: 20 Mar 2020 17:12

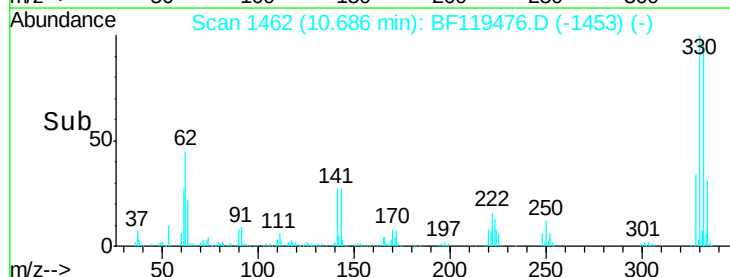
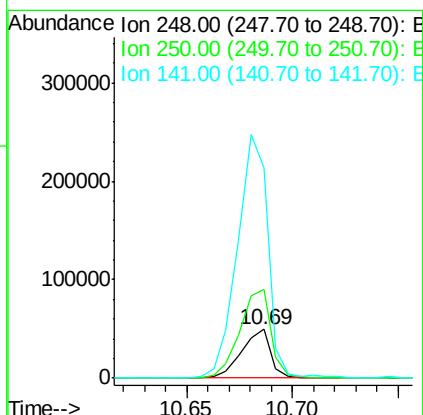
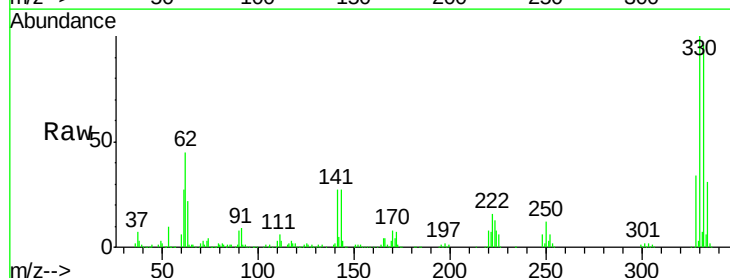
Instrument :
BNA_F
ClientSampleId :
OK-01-031920

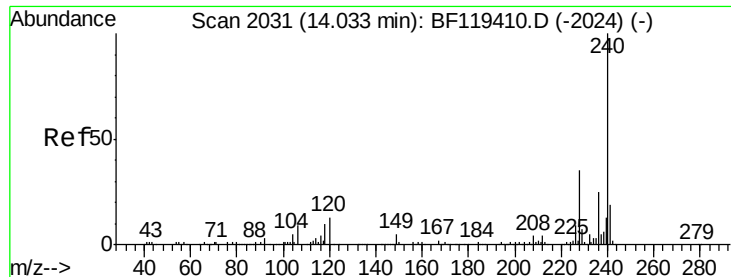
Tgt Ion:188 Resp: 1070438
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119476.D
Acq: 20 Mar 2020 17:12

Tgt Ion:248 Resp: 46820
Ion Ratio Lower Upper
248 100
250 182.2 77.0 115.6#
141 431.5 59.7 89.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

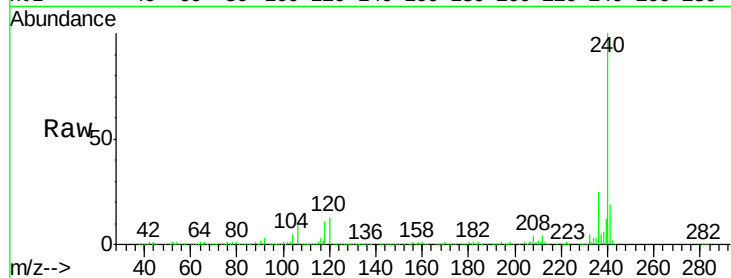
Tgt Ion:240 Resp: 681800

Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.4

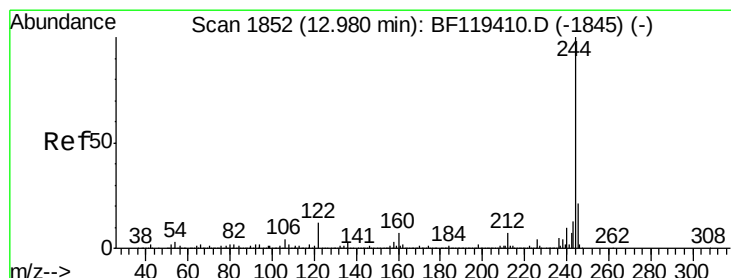
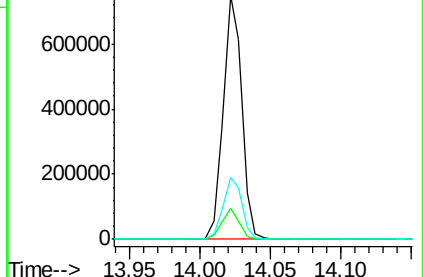
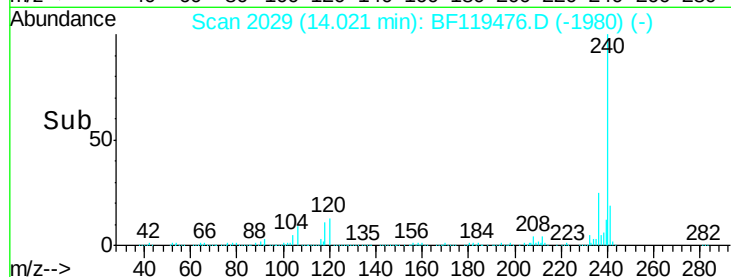
236 25.2 20.4 30.6



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: 96.66 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119476.D

Acq: 20 Mar 2020 17:12

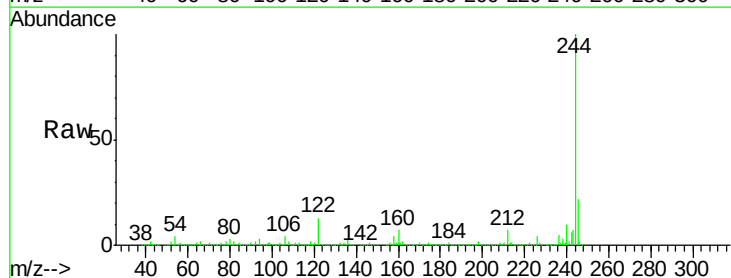
Tgt Ion:244 Resp: 3363747

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

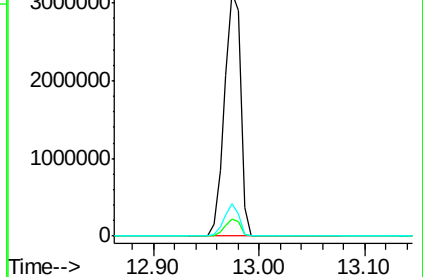
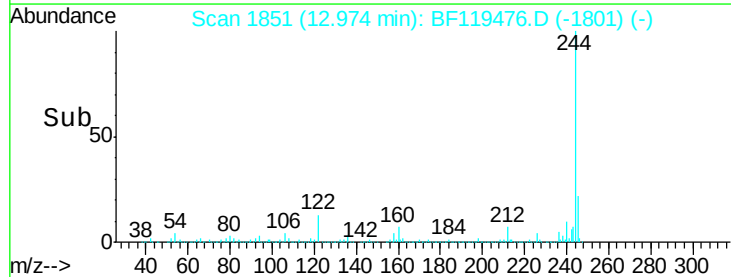
122 13.4 9.8 14.8

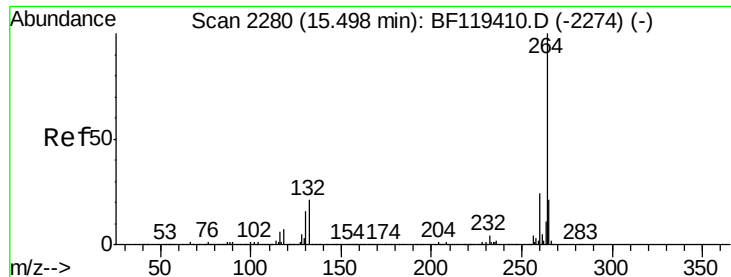


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

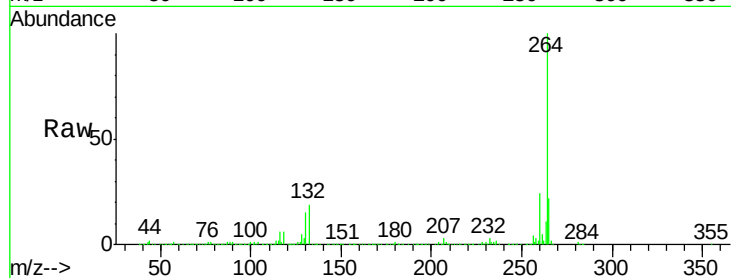




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119476.D
Acq: 20 Mar 2020 17:12

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Tgt Ion:	264	Resp:	656154
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	16.9	25.3



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

