

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119979.D
 Acq On : 15 Apr 2020 3:36
 Operator : MA/SJ
 Sample : L2226-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-066

Quant Time: Apr 15 04:38:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

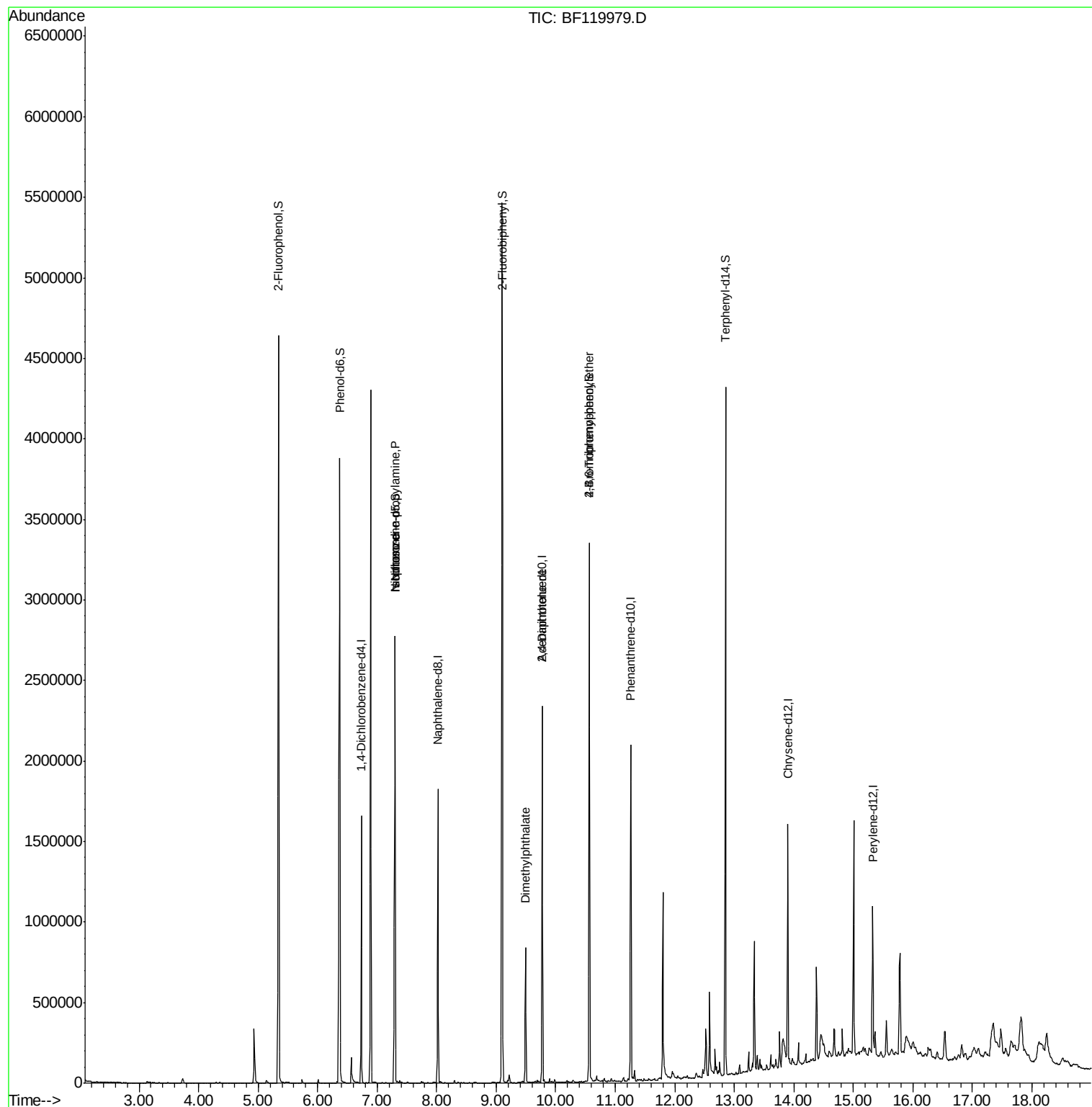
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228953	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	867423	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	435447	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	771030	20.00	ng	0.00
76) Chrysene-d12	13.90	240	467365	20.00	ng	-0.01
87) Perylene-d12	15.32	264	416652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1290061	97.38	ng	0.00
7) Phenol-d6	6.37	99	1635112	95.78	ng	0.00
23) Nitrobenzene-d5	7.30	82	1008333	60.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	386268	72.45	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1714943	55.92	ng	0.00
79) Terphenyl-d14	12.85	244	1463277	52.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	576	Below Cal		98
19) n-Nitroso-di-n-propylamine	7.30	70	131164	11.948 ng	#	76
25) Isophorone	7.30	82	1001094	30.972 ng	#	65
50) Dimethylphthalate	9.49	163	297523	8.834 ng		99
57) 2,4-Dinitrotoluene	9.77	165	55172	5.678 ng	#	23
67) 4-Bromophenyl-phenylether	10.56	248	22851	2.383 ng	#	1

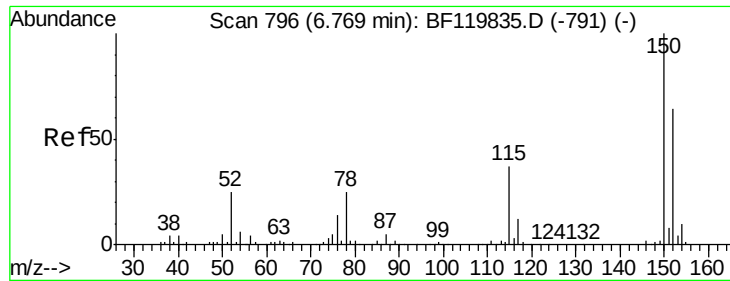
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119979.D
Acq On : 15 Apr 2020 3:36
Operator : MA/SJ
Sample : L2226-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-066

Quant Time: Apr 15 04:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration



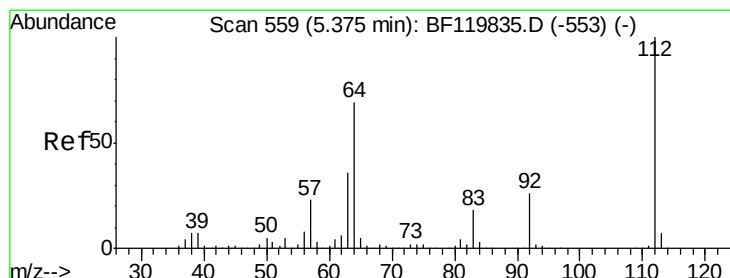
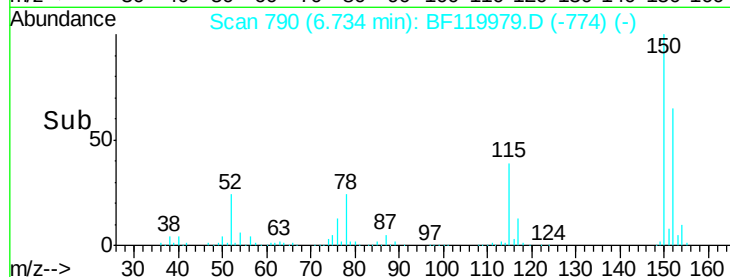
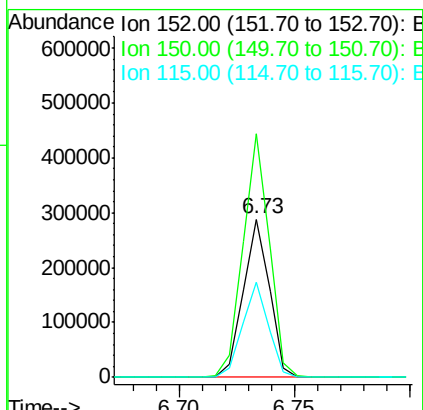
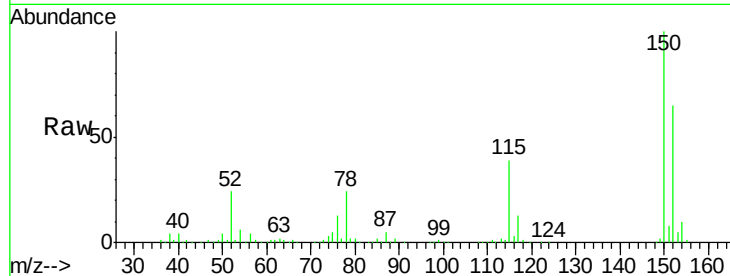


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119979.D
Acq: 15 Apr 2020 3:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-066

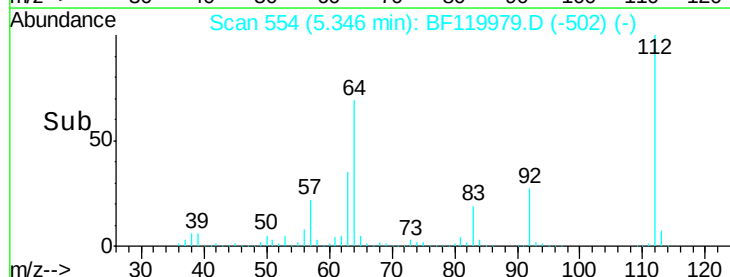
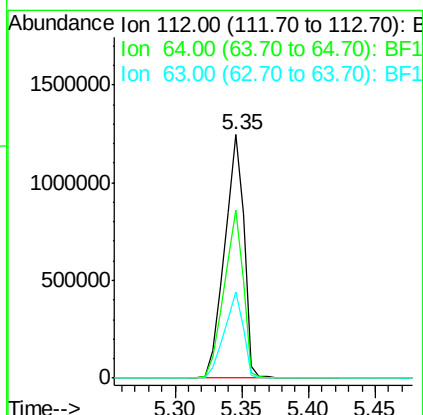
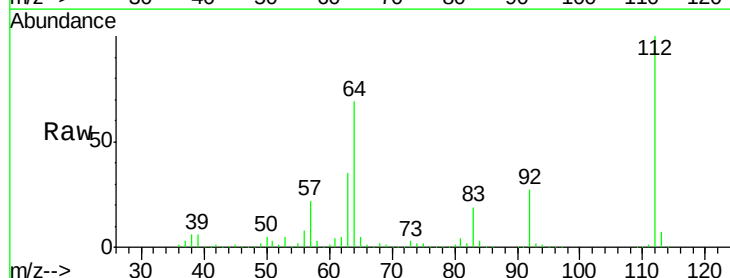
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	59.9	46.5	69.7

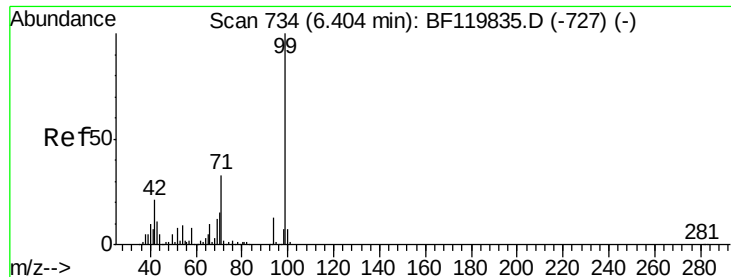


#5

2-Fluorophenol
Concen: 97.376 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119979.D
Acq: 15 Apr 2020 3:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.5	83.3
63	35.2	29.1	43.7





#7

Phenol-d6

Concen: 95.783 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-066

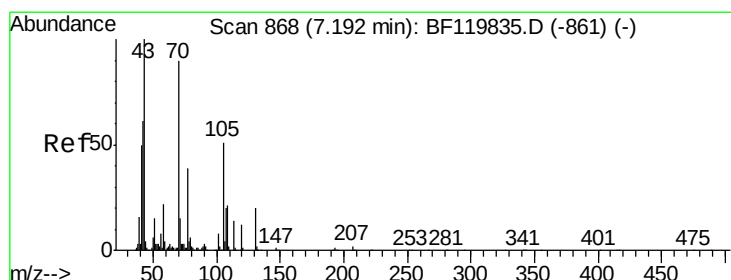
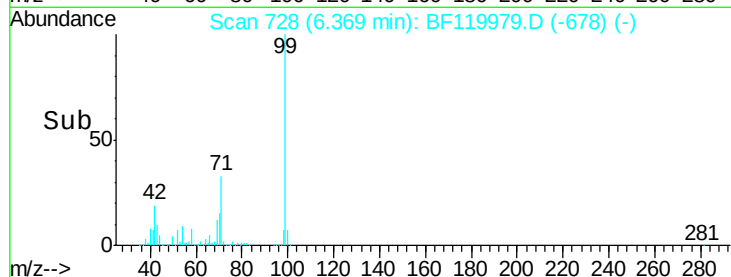
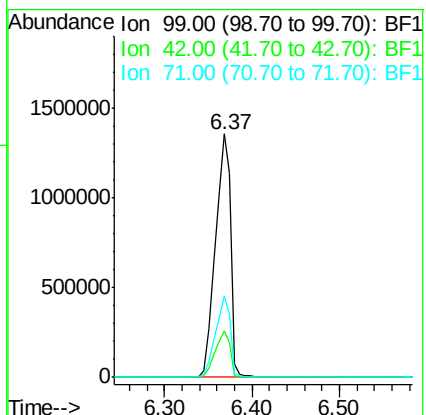
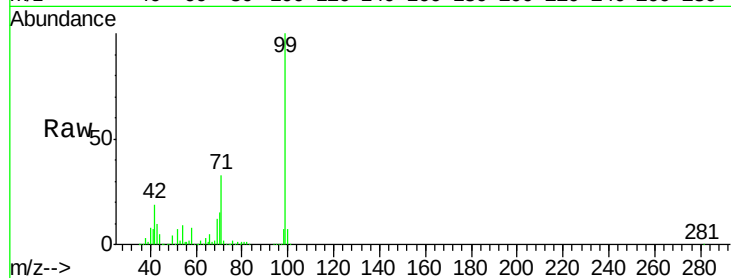
Tot Ion: 99 Resp: 1635112

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

71 33.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.948 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Tgt Ion: 70 Resp: 131164

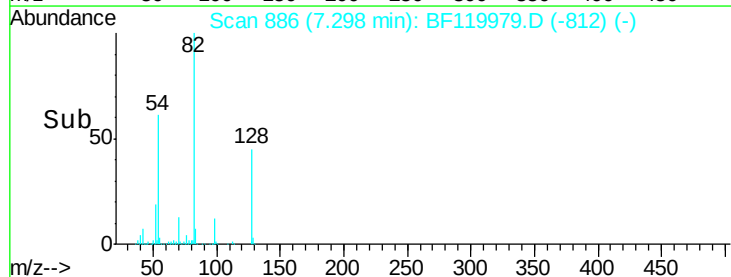
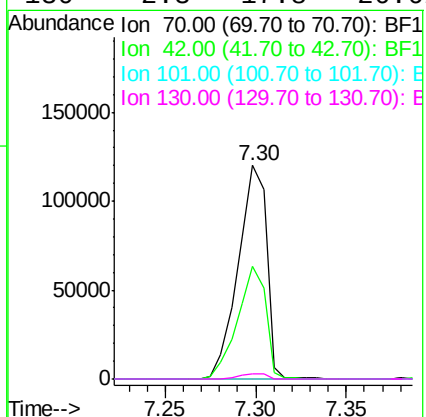
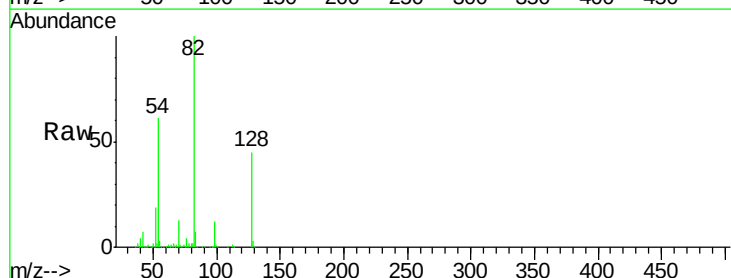
Ion Ratio Lower Upper

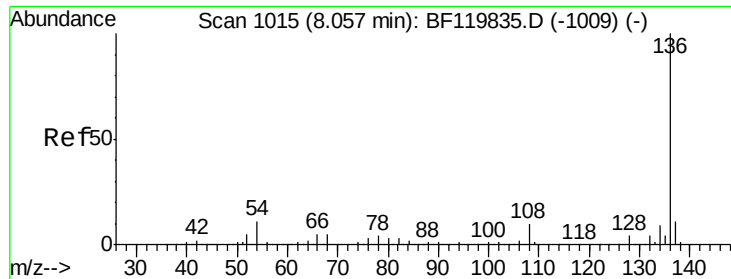
70 100

42 52.8 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

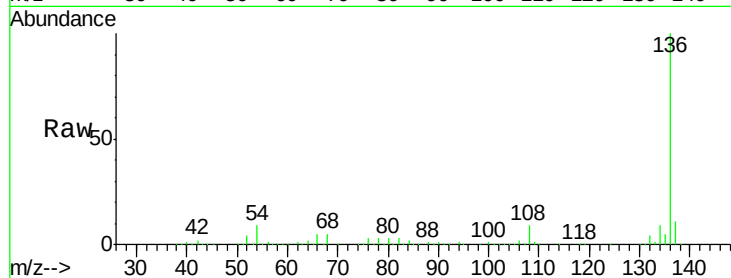




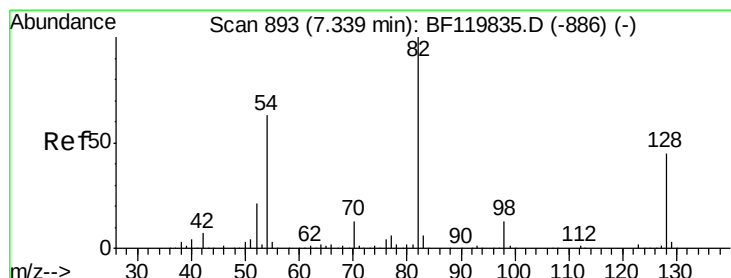
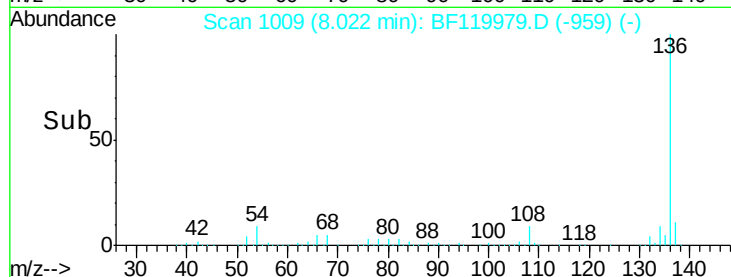
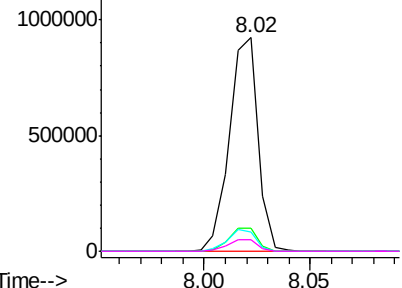
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119979.D
Acq: 15 Apr 2020 3:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-066

Tot Ion:136 Resp: 867423
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.2 8.5 12.7
68 5.3 3.9 5.9

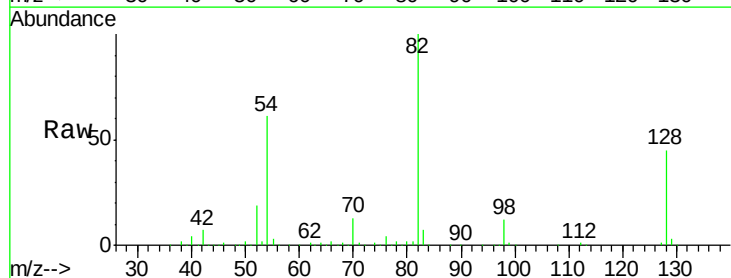


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

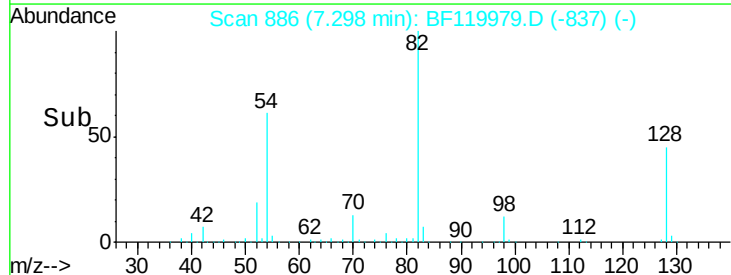
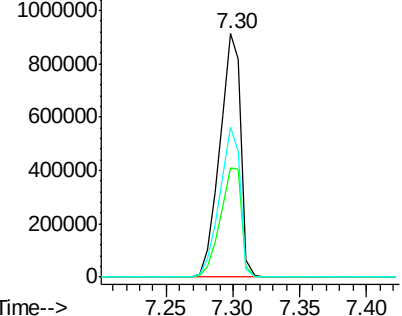


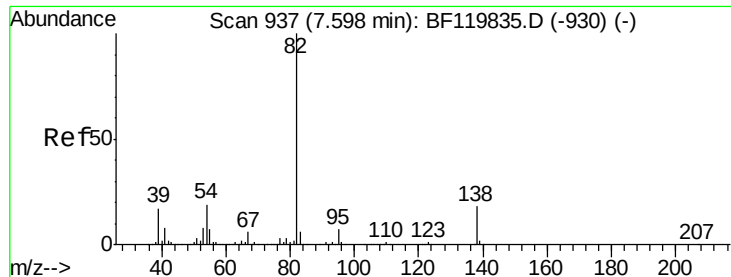
#23
Nitrobenzene-d5
Concen: 60.138 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119979.D
Acq: 15 Apr 2020 3:36

Tgt Ion: 82 Resp: 1008333
Ion Ratio Lower Upper
82 100
128 44.6 36.2 54.4
54 61.4 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: 30.972 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-066

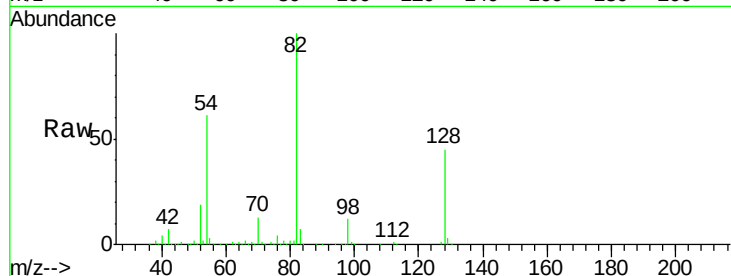
Tot Ion: 82 Resp: 1001094

Ion Ratio Lower Upper

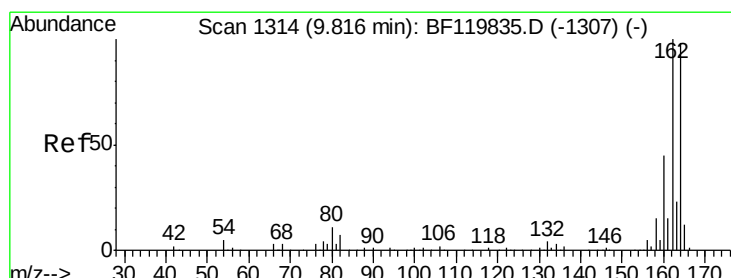
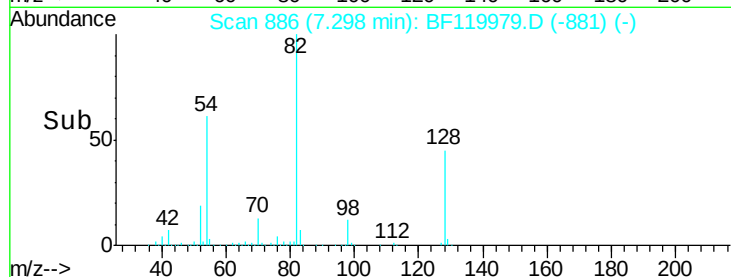
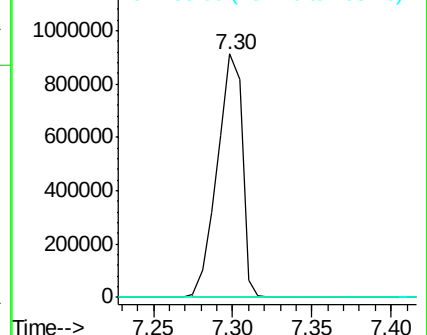
82 100

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: BF119979.D

Acq: 15 Apr 2020 3:36

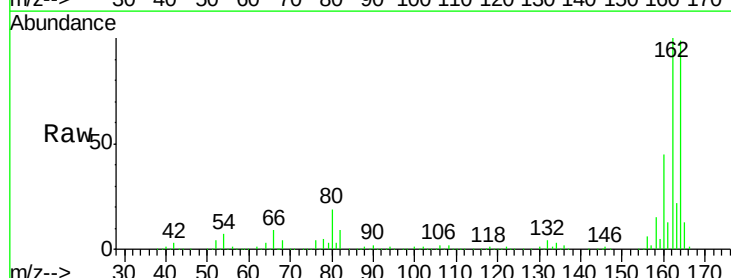
Tgt Ion:164 Resp: 435447

Ion Ratio Lower Upper

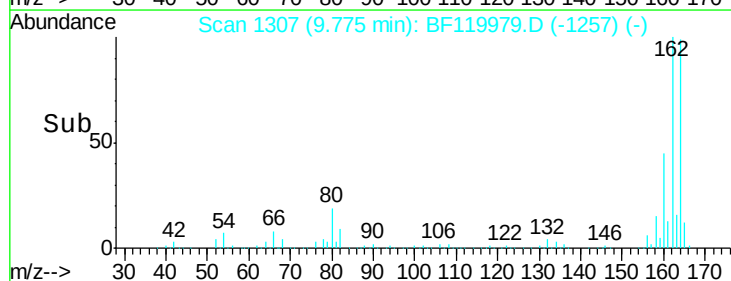
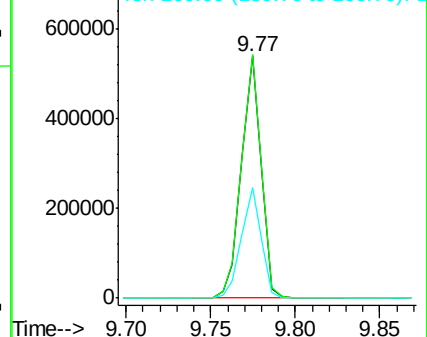
164 100

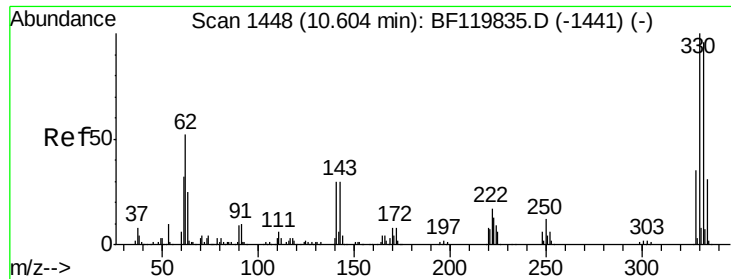
162 100.7 81.9 122.9

160 45.5 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

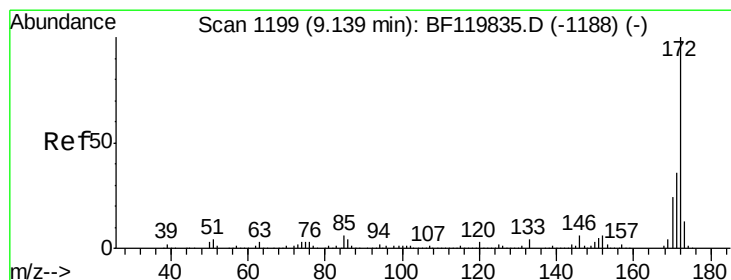
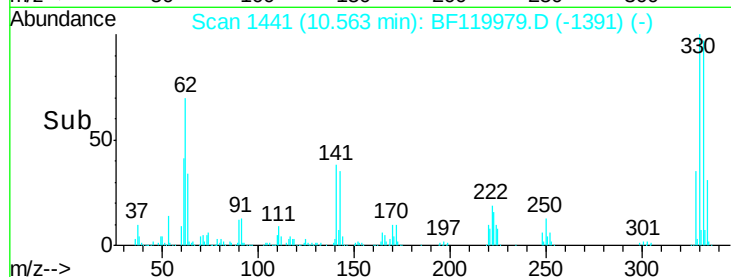
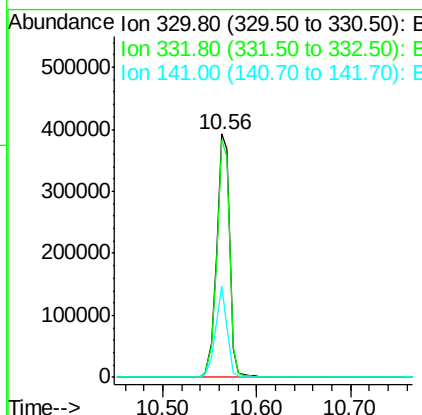
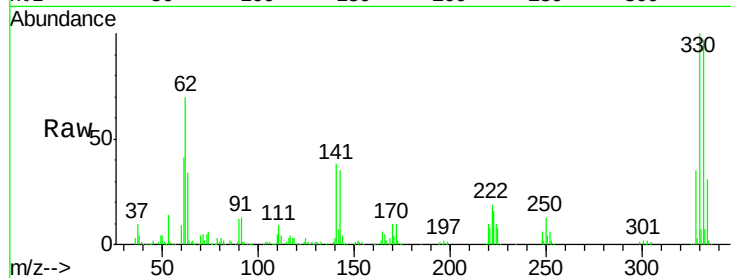




#42
 2,4,6-Tribromophenol
 Concen: 72.452 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119979.D
 Acq: 15 Apr 2020 3:36

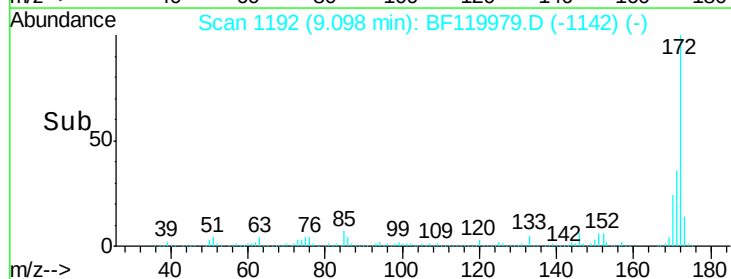
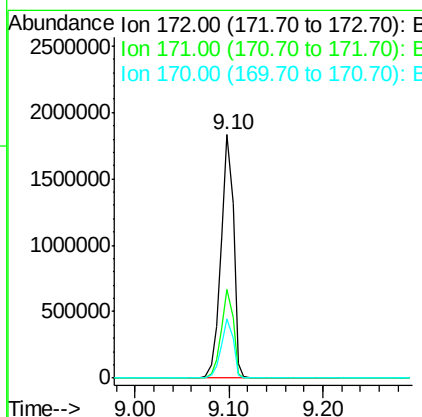
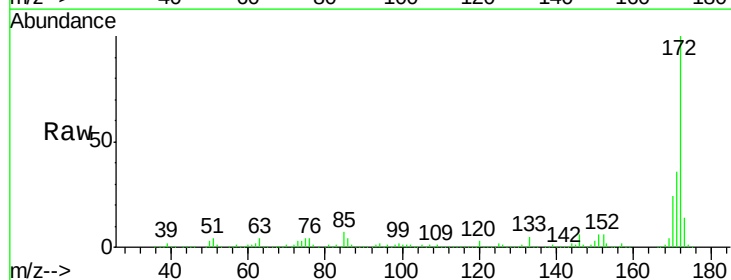
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-066

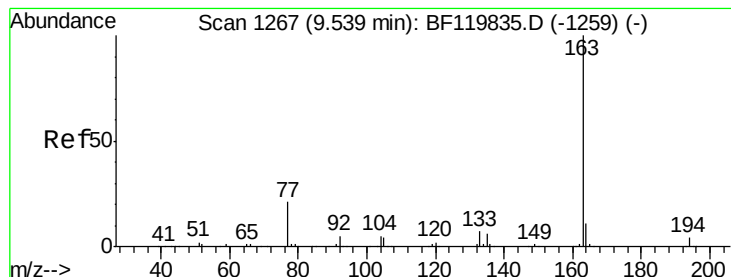
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	33.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 55.916 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119979.D
 Acq: 15 Apr 2020 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.1	19.4	29.2





#50

Dimethylphthalate

Concen: 8.834 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-066

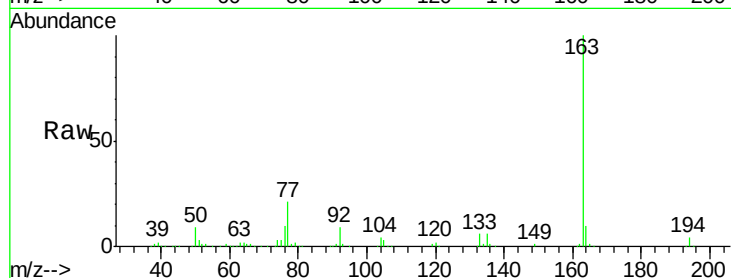
Tot Ion:163 Resp: 297523

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

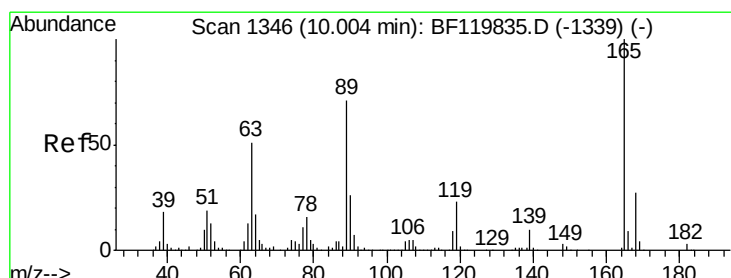
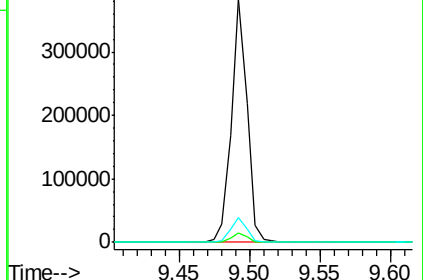
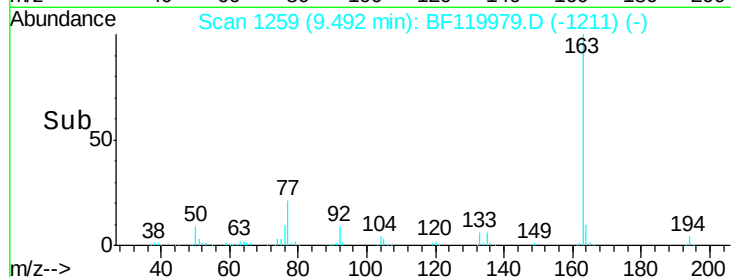
164 10.1 8.4 12.6



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: 5.678 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Tgt Ion:165 Resp: 55172

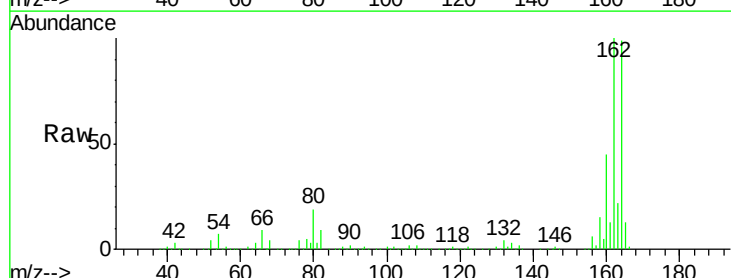
Ion Ratio Lower Upper

165 100

63 1.3 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

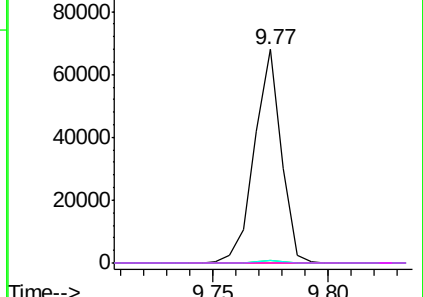
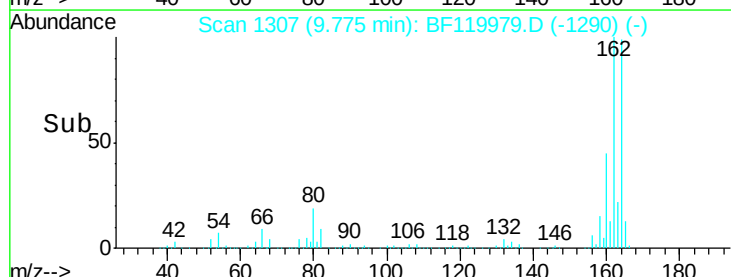


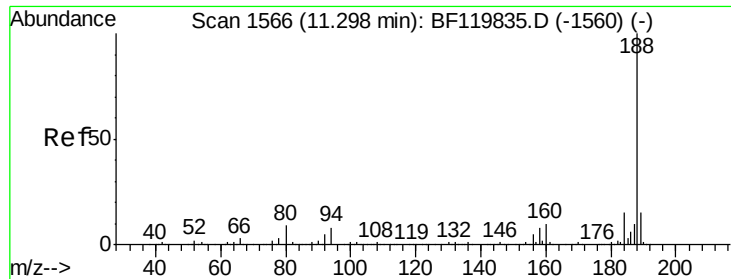
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1559

Delta R.T. -0.01 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-066

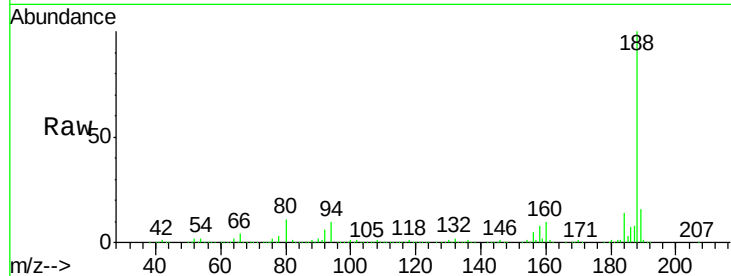
Tot Ion:188 Resp: 771030

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

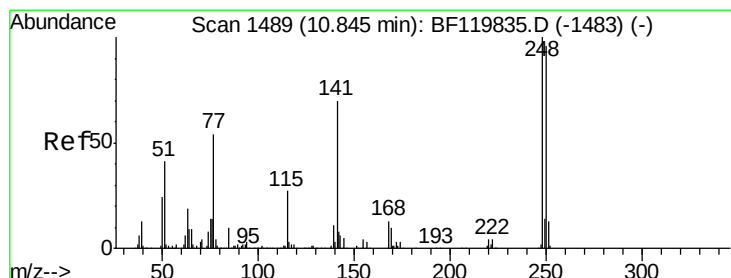
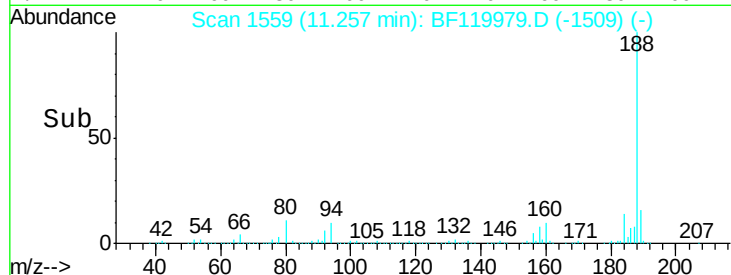
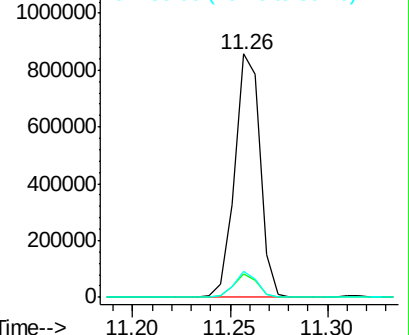
80 10.9 7.4 11.2



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: 2.383 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF119979.D

Acq: 15 Apr 2020 3:36

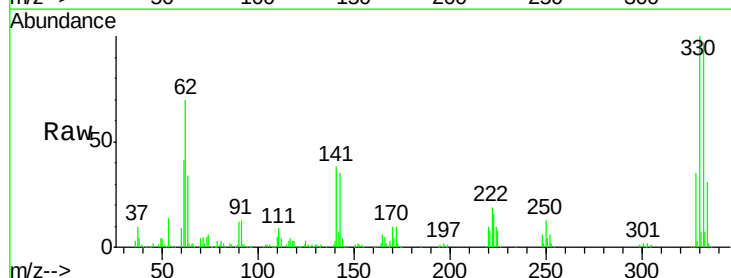
Tgt Ion:248 Resp: 22851

Ion Ratio Lower Upper

248 100

250 212.8 76.6 114.8#

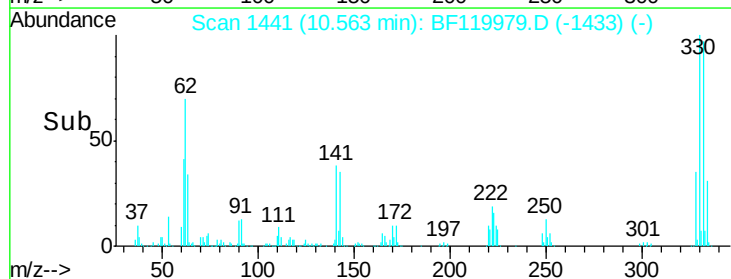
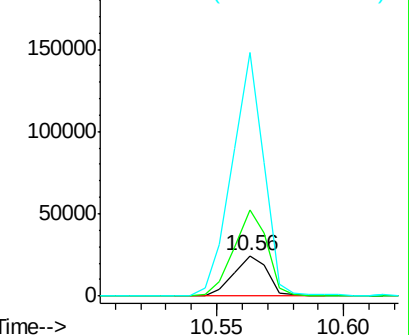
141 604.2 55.9 83.9#

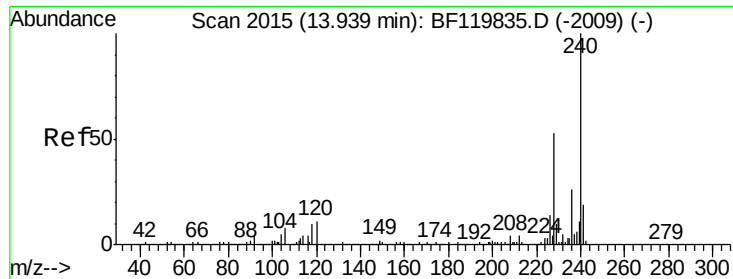


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

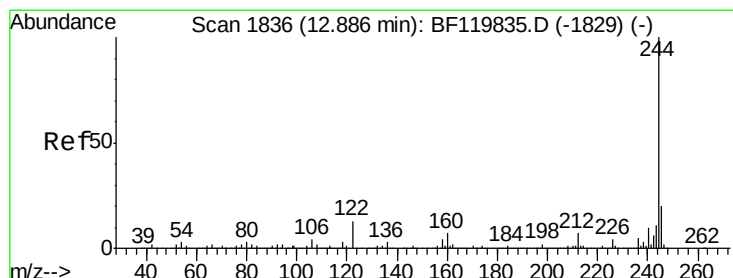
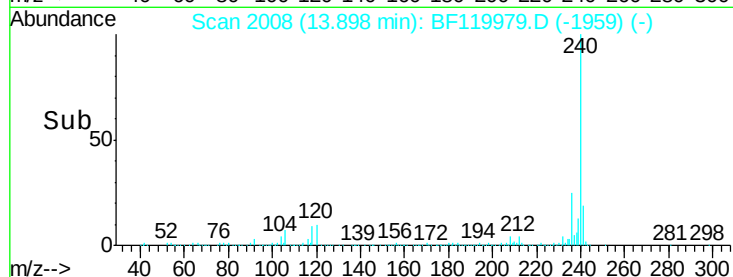
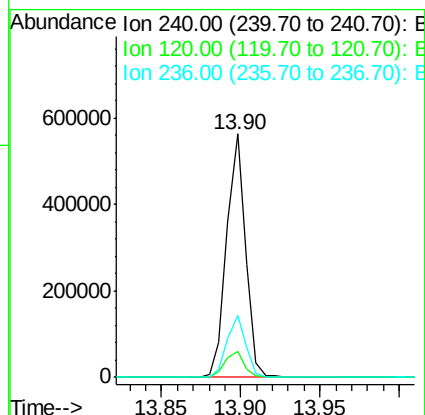
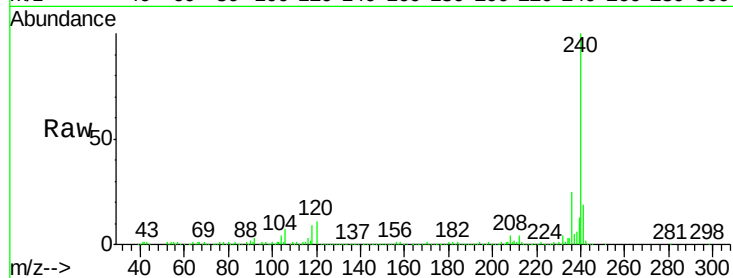




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119979.D
 Acq: 15 Apr 2020 3:36

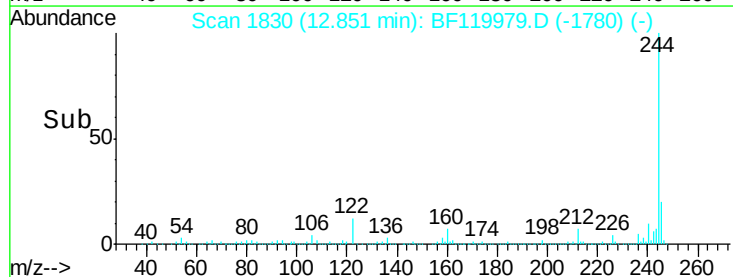
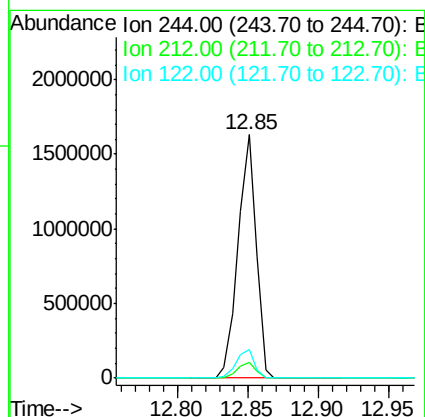
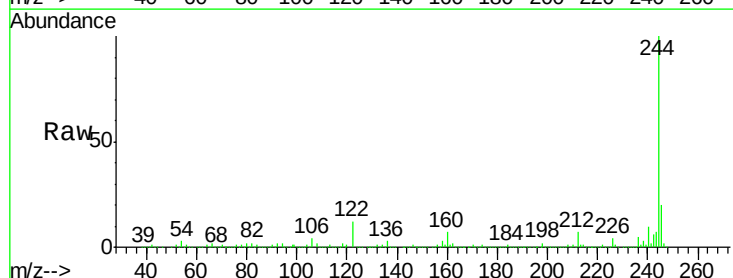
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-066

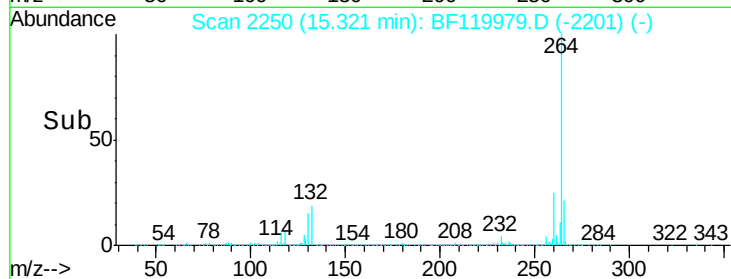
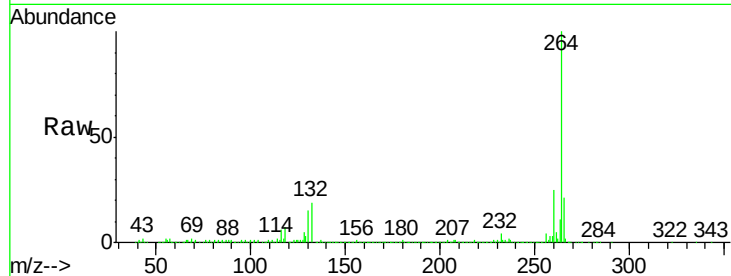
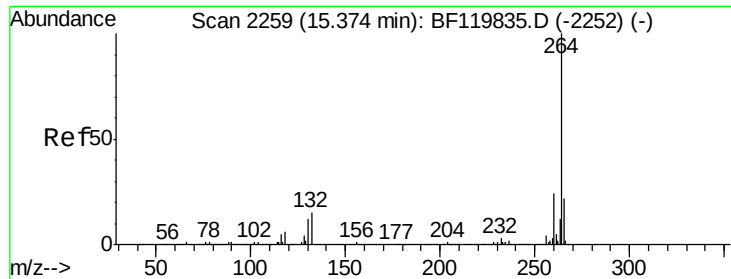
Tot Ion:240 Resp: 467365
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.6
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 52.682 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119979.D
 Acq: 15 Apr 2020 3:36

Tgt Ion:244 Resp: 1463277
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119979.D
Acq: 15 Apr 2020 3:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-066

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.3	17.6	26.4

