

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112869.D
 Acq On : 5 Mar 2019 23:10
 Operator : JU/SJ
 Sample : K1714-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-5-8

Quant Time: Mar 06 04:11:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

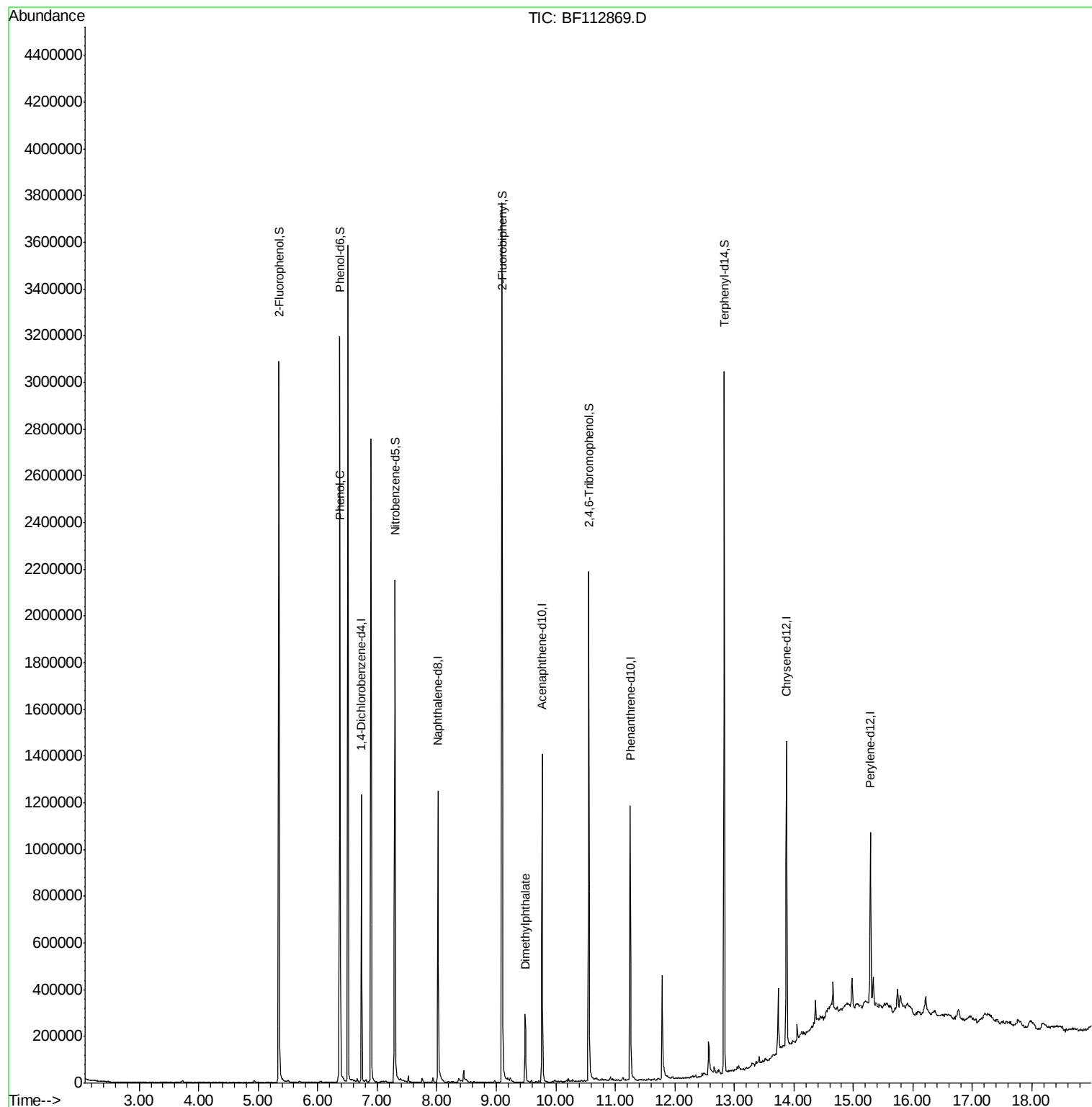
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164694	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	622643	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	286213	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	524279	20.00	ng	0.00
76) Chrysene-d12	13.87	240	455912	20.00	ng	0.00
87) Perylene-d12	15.29	264	348786	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	875320	82.67	ng	0.00
7) Phenol-d6	6.37	99	1155929	86.91	ng	0.00
23) Nitrobenzene-d5	7.30	82	697776	67.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	324708	106.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1239393	68.08	ng	0.00
79) Terphenyl-d14	12.83	244	1132589	48.16	ng	0.00
Target Compounds						
10) Phenol	6.39	94	70469	4.541	ng	90
50) Dimethylphthalate	9.49	163	126398	5.989	ng	100

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

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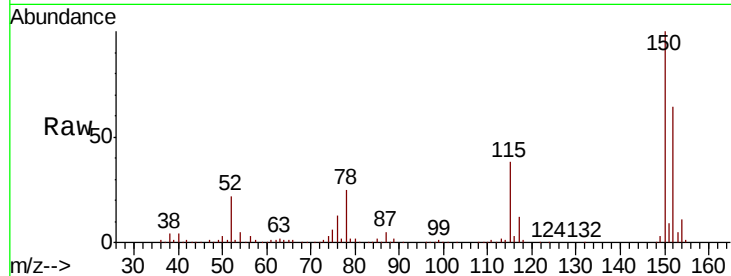


#1

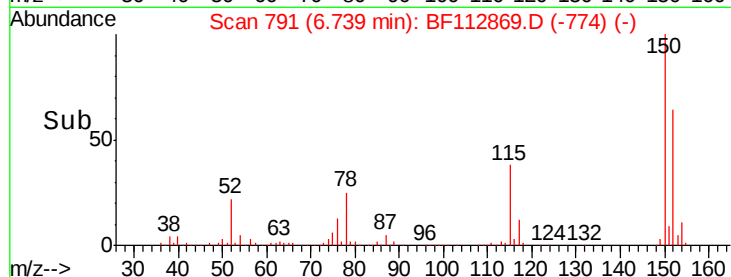
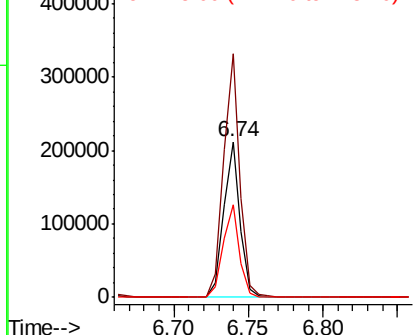
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

Instrument :
BNA_F
ClientSampleId :
SB-A-5-8

Tot Ion:152 Resp: 164694
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.0 48.2 72.4



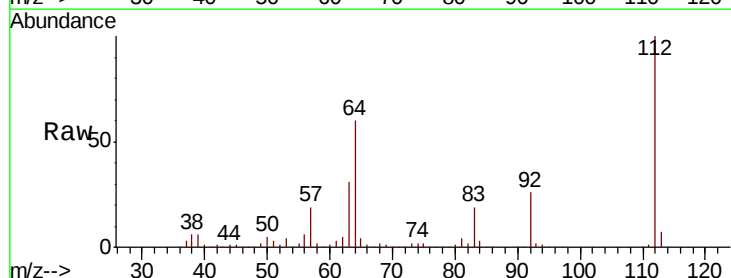
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



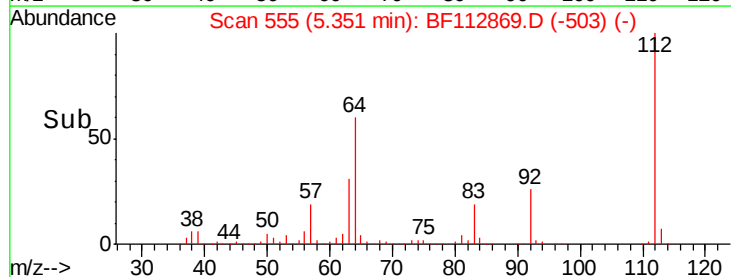
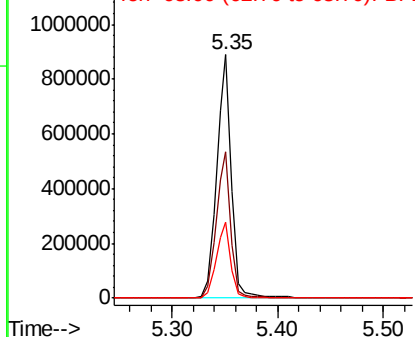
#5

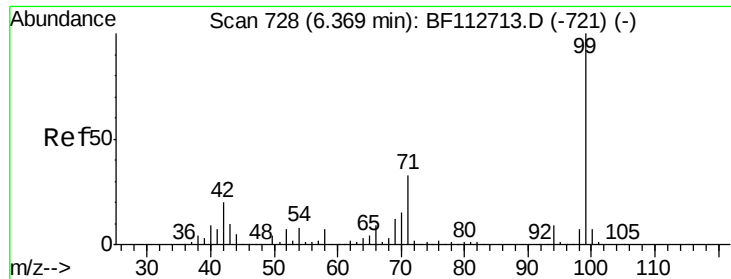
2-Fluorophenol
Concen: 82.674 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

Tgt Ion:112 Resp: 875320
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.1 24.4 36.6



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: 86.914 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

Instrument :

BNA_F

ClientSampled :

SB-A-5-8

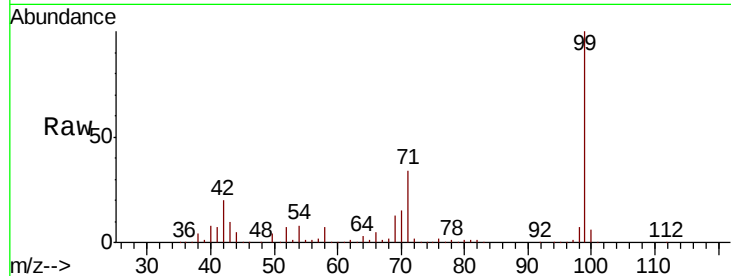
Tot Ion: 99 Resp: 1155929

Ion Ratio Lower Upper

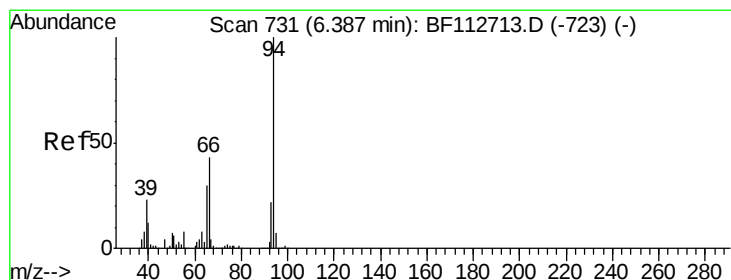
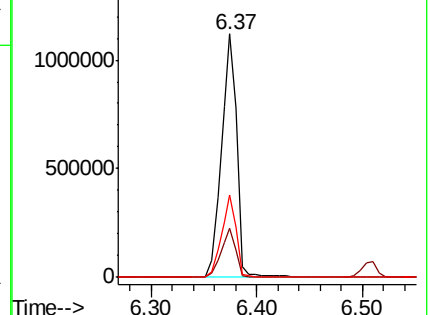
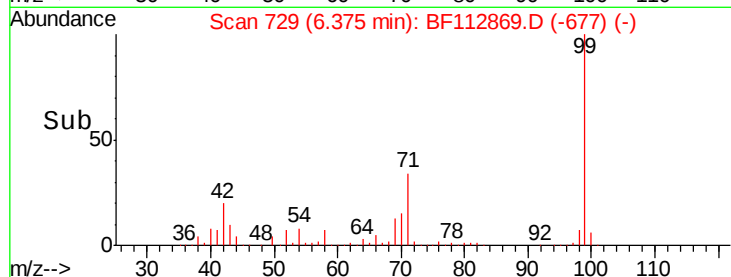
99 100

42 19.9 16.3 24.5

71 33.6 26.2 39.4



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



#10

Phenol

Concen: 4.541 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

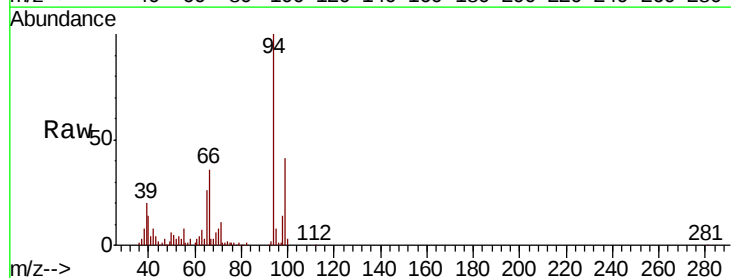
Tgt Ion: 94 Resp: 70469

Ion Ratio Lower Upper

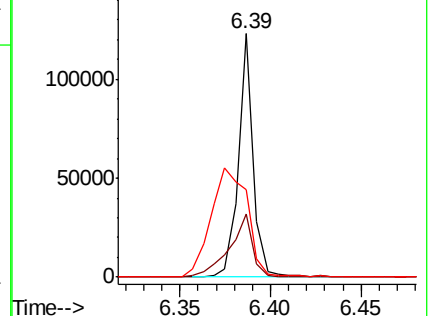
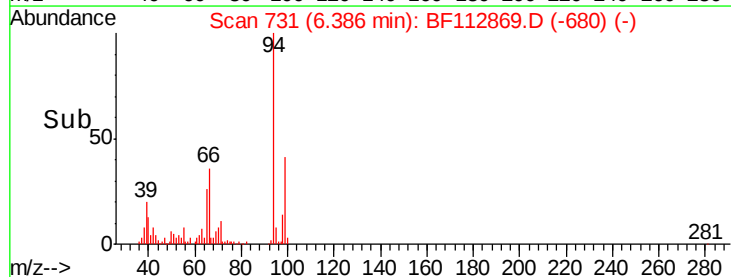
94 100

65 26.0 10.5 50.5

66 35.9 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

Instrument :

BNA_F

ClientSampleId :

SB-A-5-8

Tot Ion:136 Resp: 622643

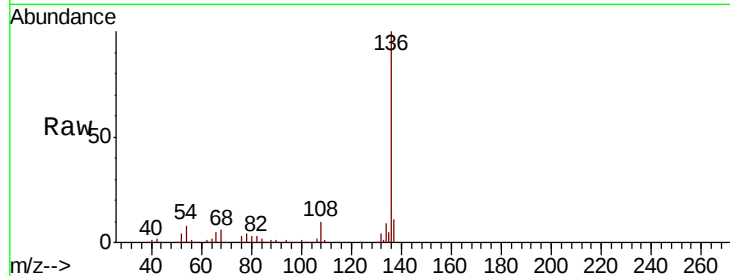
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 7.3 10.9

68 5.6 5.4 8.2

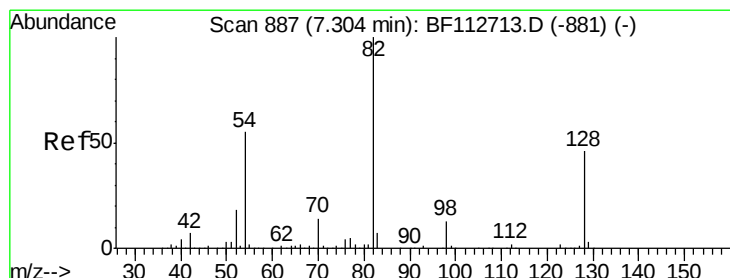
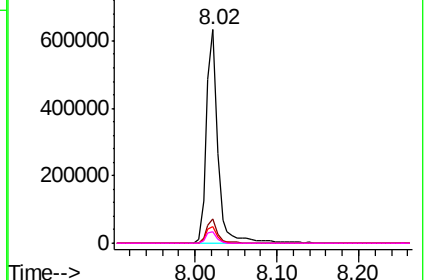
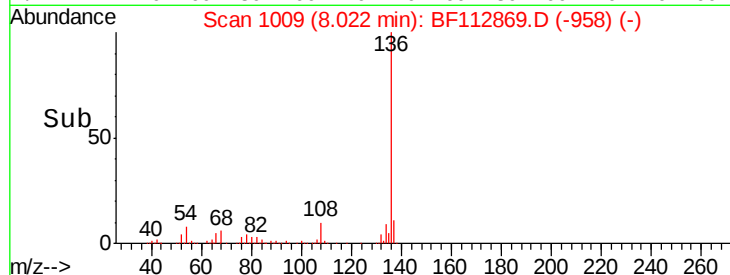


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.058 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

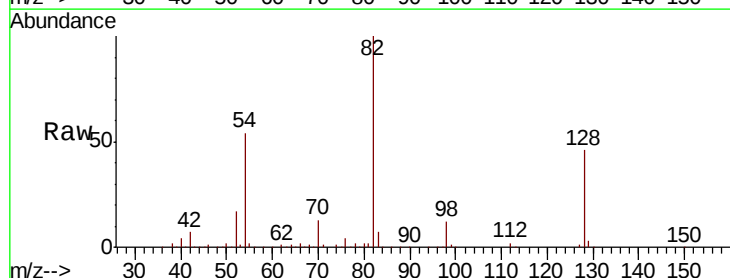
Tgt Ion: 82 Resp: 697776

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

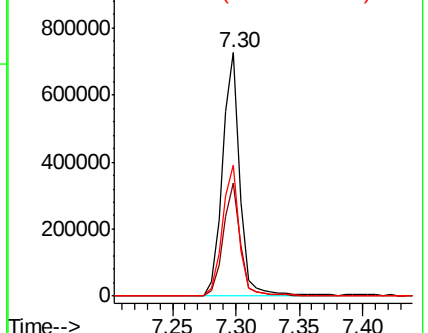
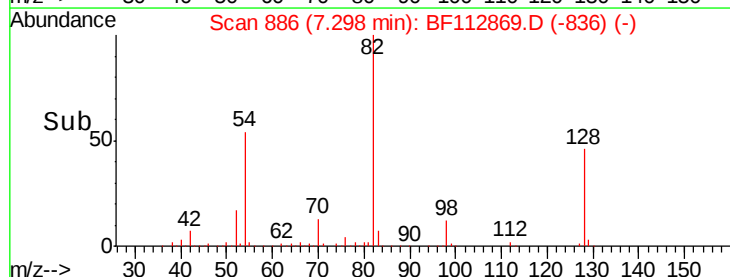
54 53.8 43.7 65.5



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

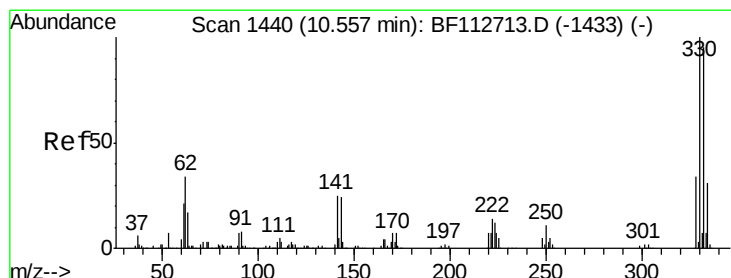
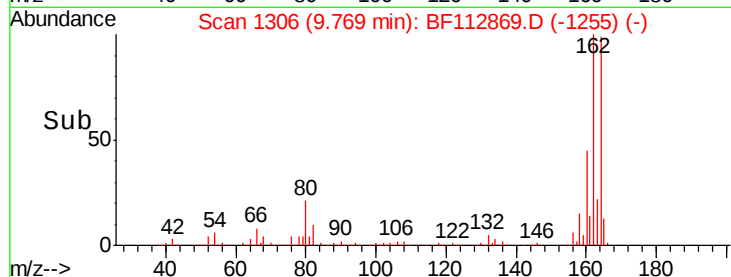
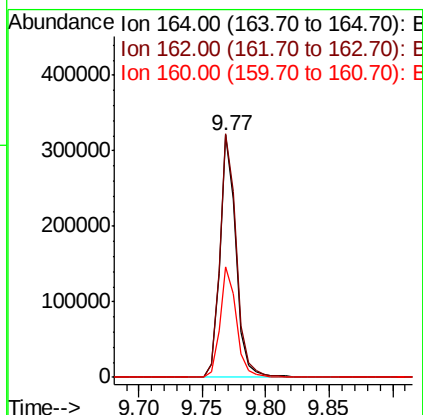
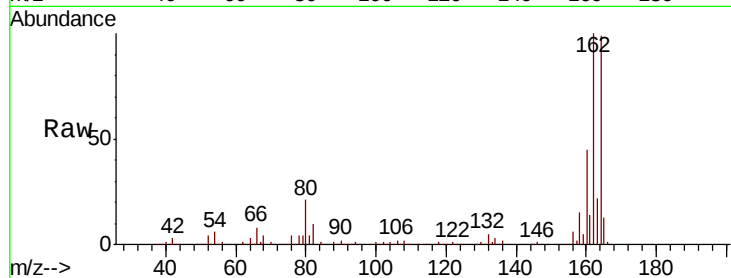




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

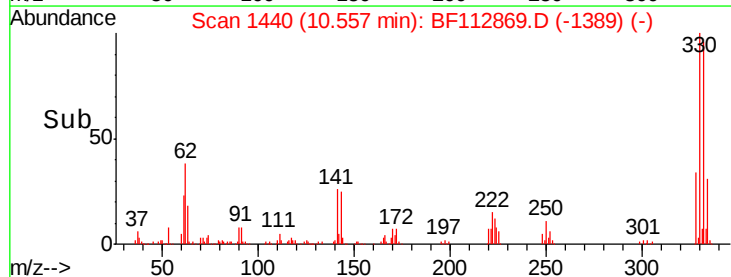
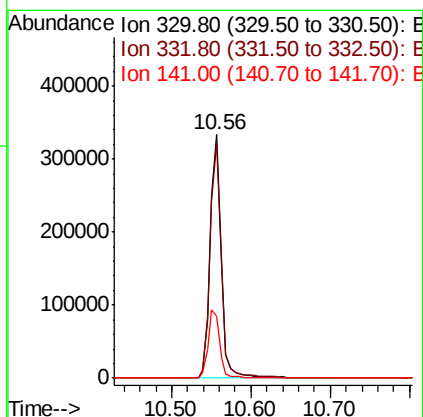
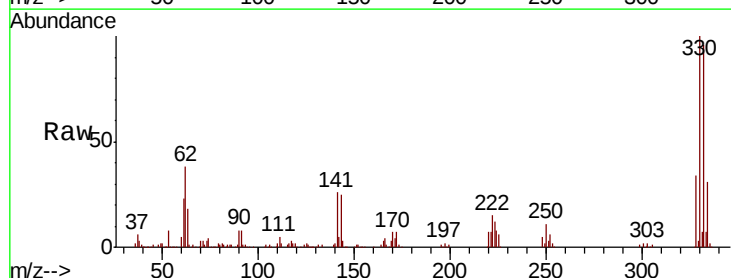
Instrument :
BNA_F
ClientSampleId :
SB-A-5-8

Tot Ion:164 Resp: 286213
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.7 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 106.864 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

Tgt Ion:330 Resp: 324708
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 29.7 27.0 40.6

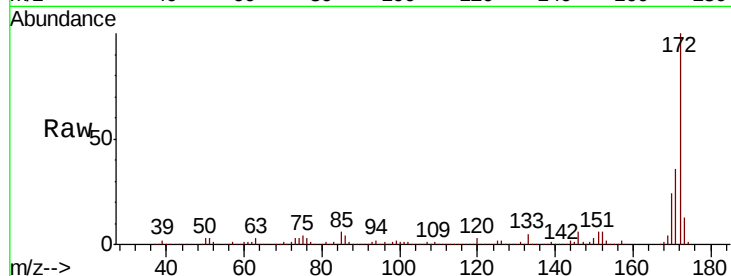




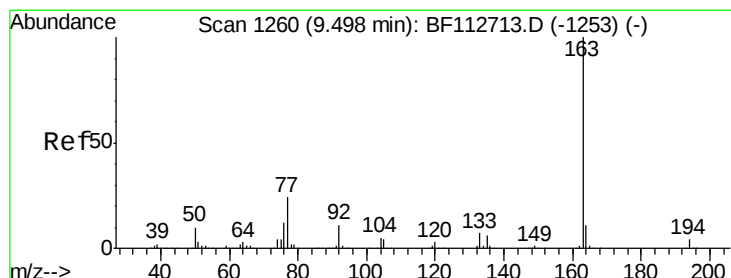
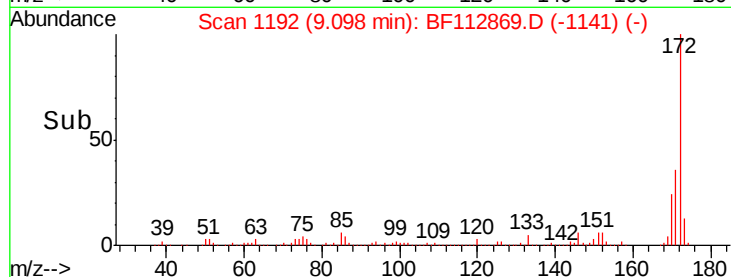
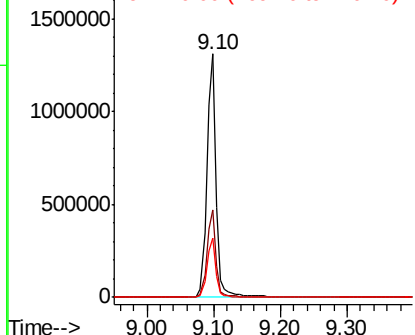
#45
2-Fluorobiphenyl
Concen: 68.078 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

Instrument :
BNA_F
ClientSampleId :
SB-A-5-8

Tot Ion:172 Resp: 1239393
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.2 20.0 30.0

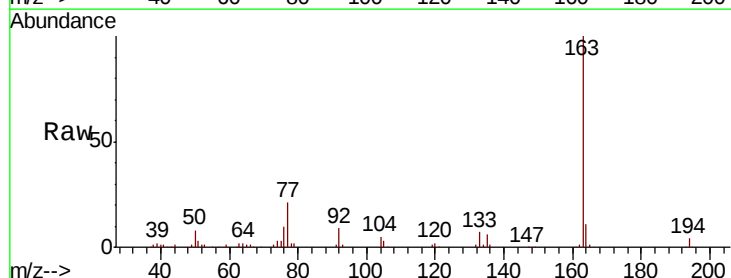


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

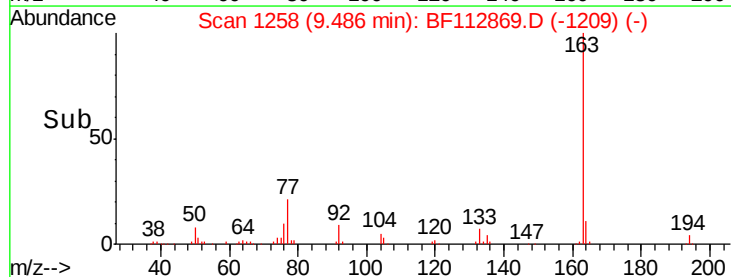
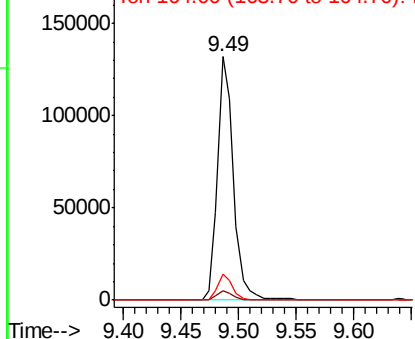


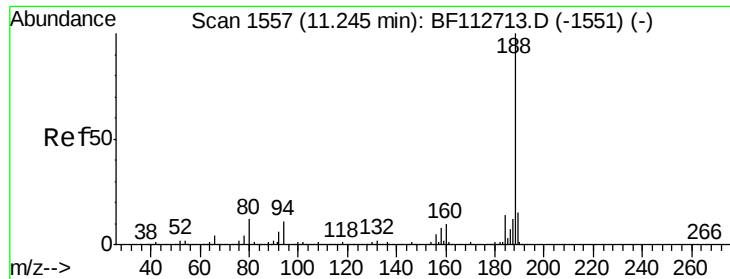
#50
Dimethylphthalate
Concen: 5.989 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112869.D
Acq: 5 Mar 2019 23:10

Tgt Ion:163 Resp: 126398
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.5 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

Instrument :

BNA_F

ClientSampleId :

SB-A-5-8

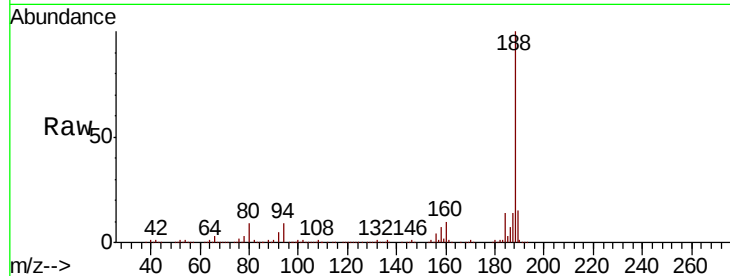
Tot Ion:188 Resp: 524279

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

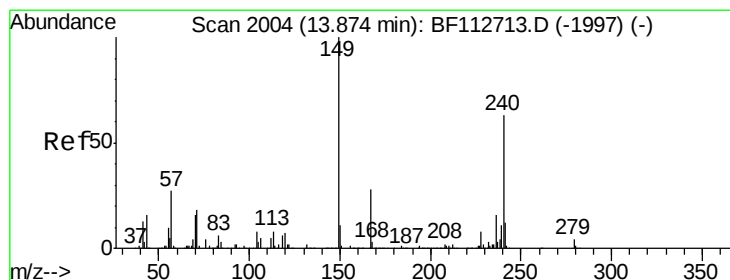
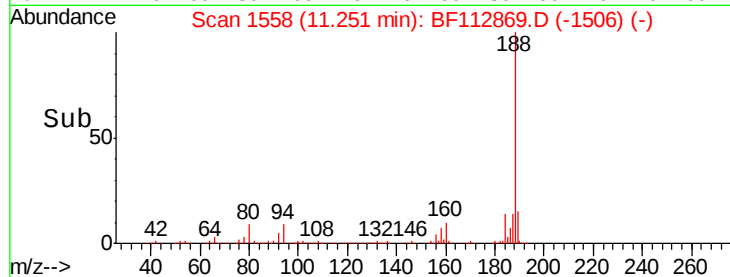
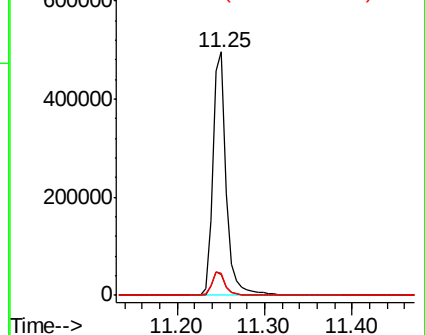
80 9.0 9.2 13.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112869.D

Acq: 5 Mar 2019 23:10

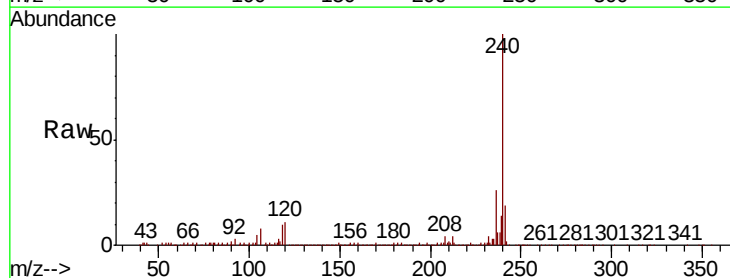
Tgt Ion:240 Resp: 455912

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

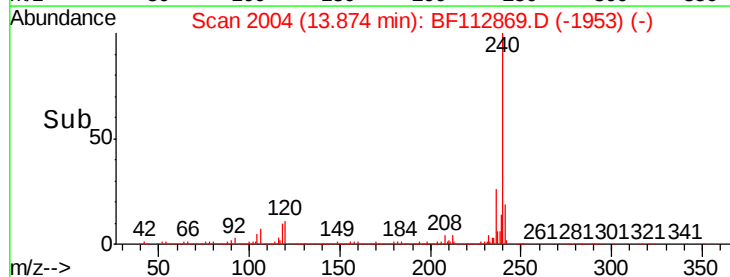
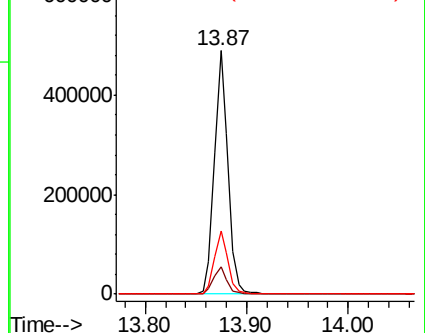
236 25.7 20.7 31.1

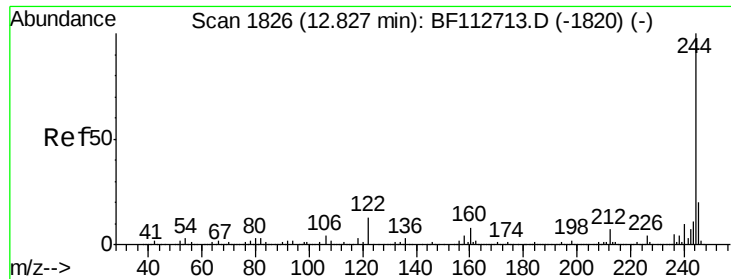


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

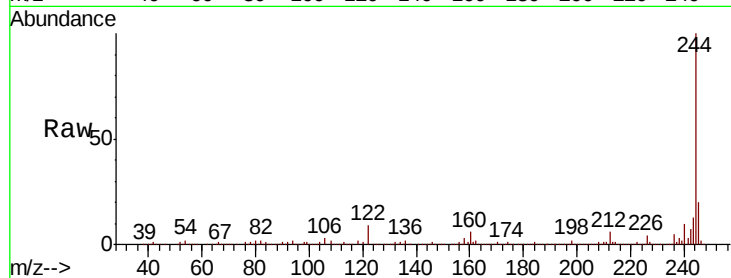




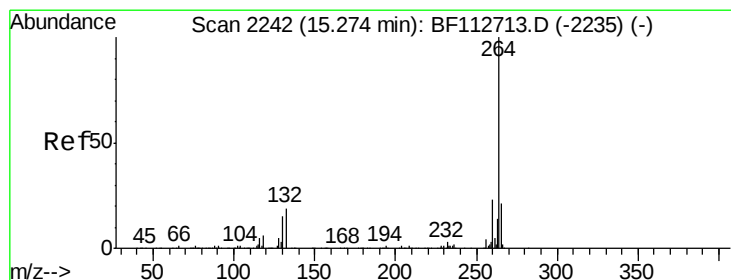
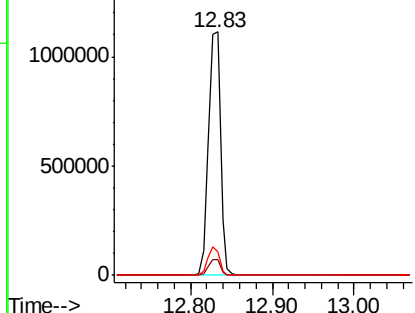
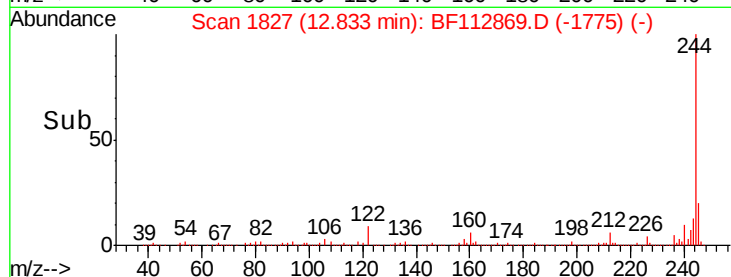
#79
 Terphenyl-d14
 Concen: 48.157 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112869.D
 Acq: 5 Mar 2019 23:10

Instrument :
 BNA_F
 ClientSampleID :
 SB-A-5-8

Tot Ion:244 Resp: 1132589
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.4 10.5 15.7#

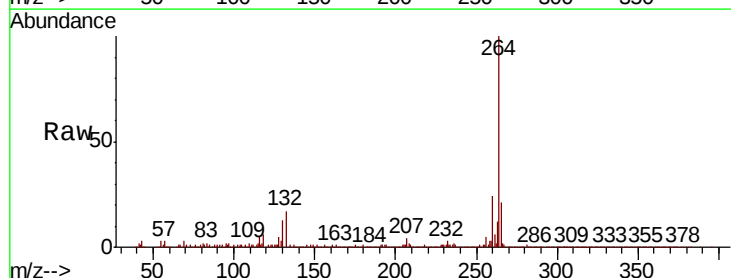


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112869.D
 Acq: 5 Mar 2019 23:10

Tgt Ion:264 Resp: 348786
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 400000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

