

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110521.D
 Acq On : 6 Nov 2018 18:02
 Operator : JU/SJ
 Sample : J5822-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Nov 07 09:39:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

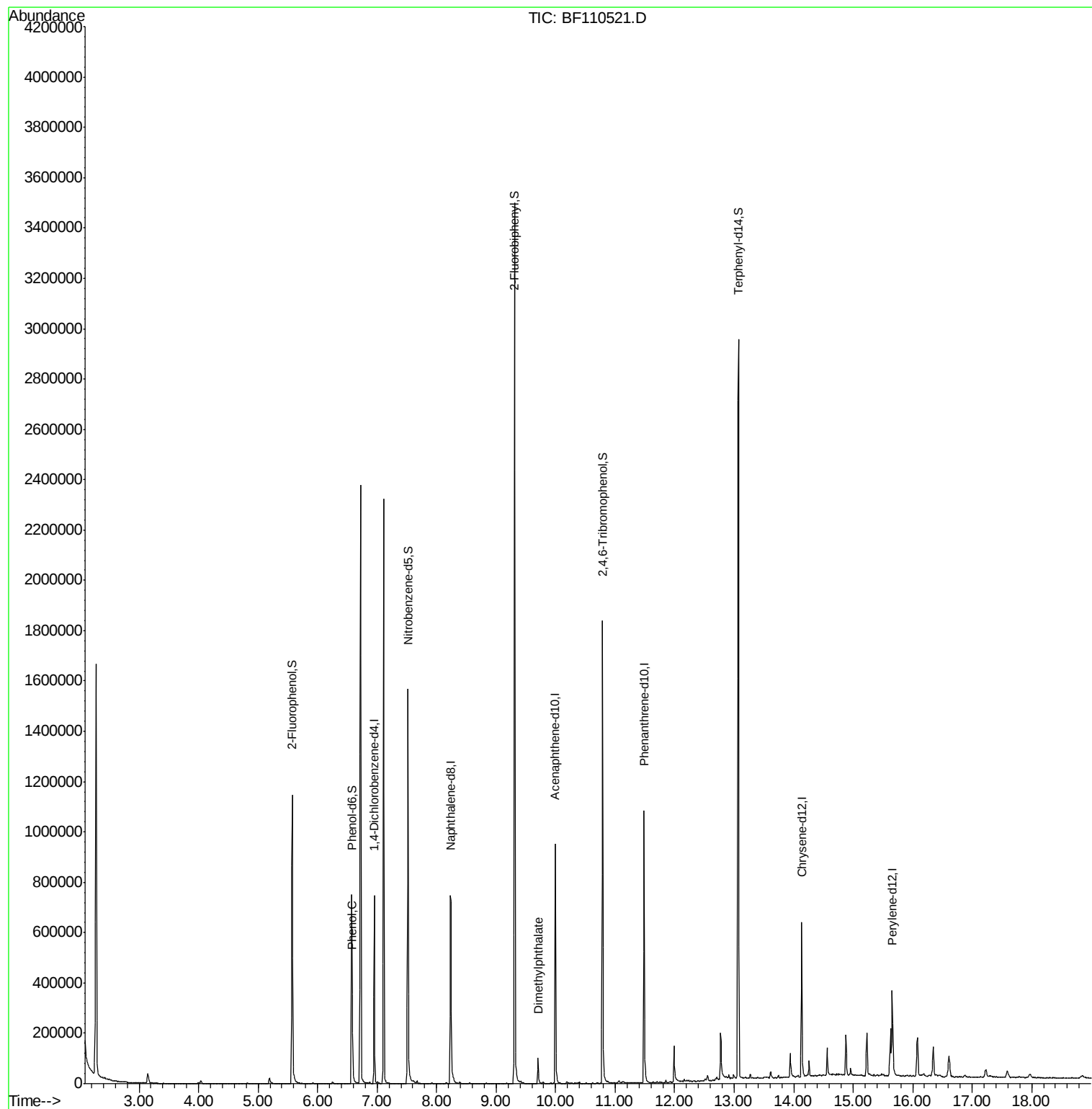
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106830	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	446566	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	222673	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	431576	20.00	ng	0.00
76) Chrysene-d12	14.13	240	225894	20.00	ng	0.00
87) Perylene-d12	15.66	264	196768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	325651	49.64	ng	0.00
7) Phenol-d6	6.57	99	260275	31.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	590270	78.40	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	239033	108.37	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1140889	80.45	ng	0.00
79) Terphenyl-d14	13.07	244	1069330	98.45	ng	0.00
Target Compounds						
10) Phenol	6.59	94	36144	4.030	ng	Qvalue # 66
50) Dimethylphthalate	9.70	163	54981	3.345	ng	100

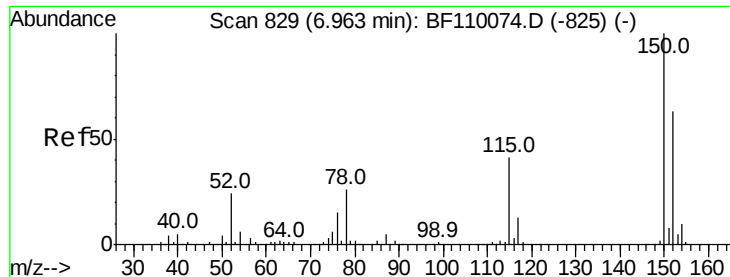
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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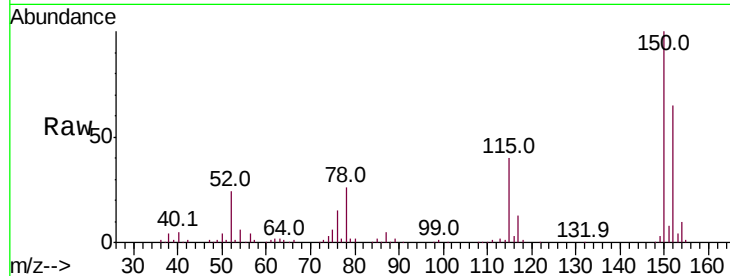


#1

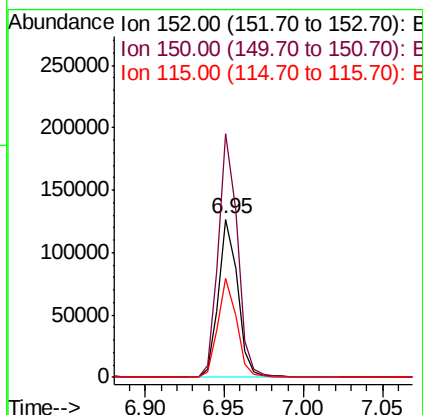
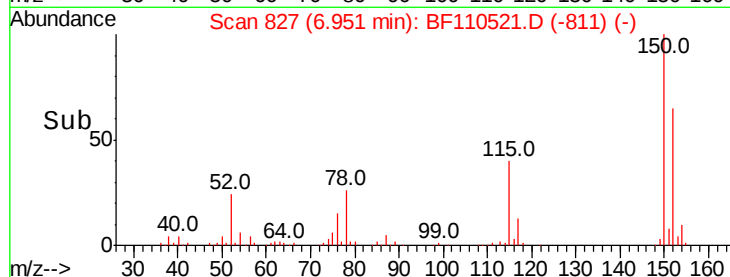
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Instrument :
BNA_F
ClientSampleId :
MW-9

Tot Ion:152 Resp: 106830
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 62.2 49.1 73.7



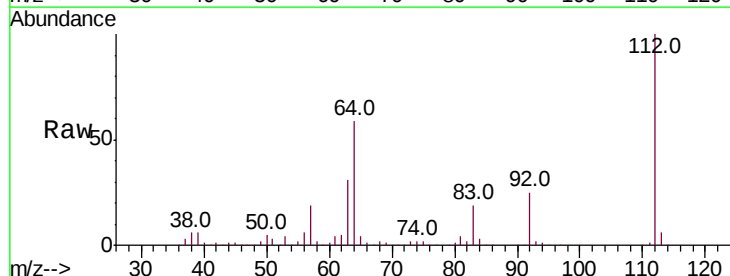
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



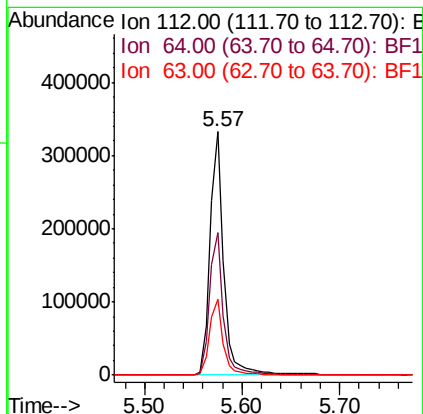
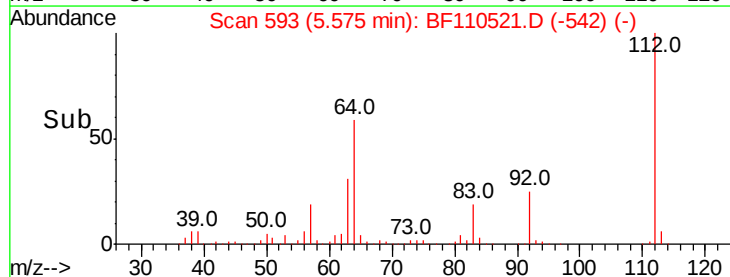
#5

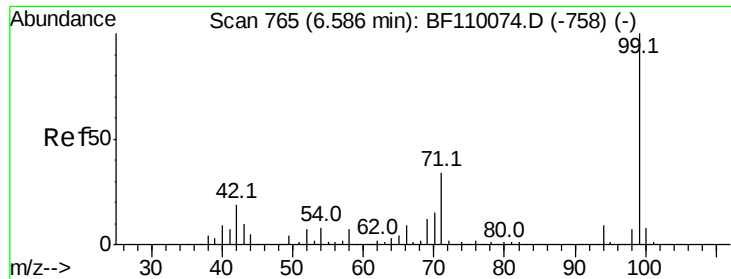
2-Fluorophenol
Concen: 49.640 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion:112 Resp: 325651
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.3 23.7 35.5



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: 31.018 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampleId :

MW-9

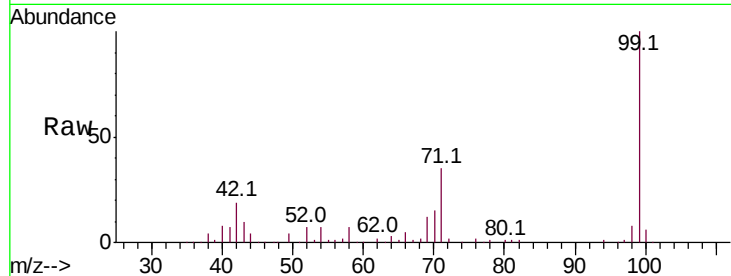
Tot Ion: 99 Resp: 260275

Ion Ratio Lower Upper

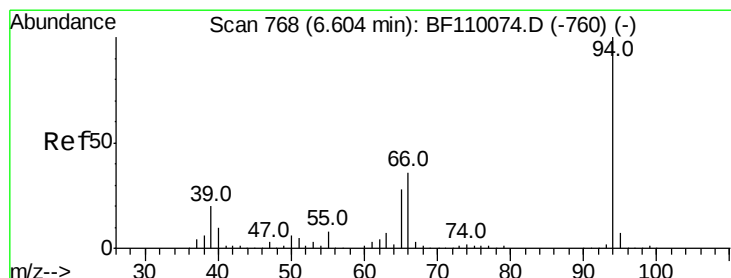
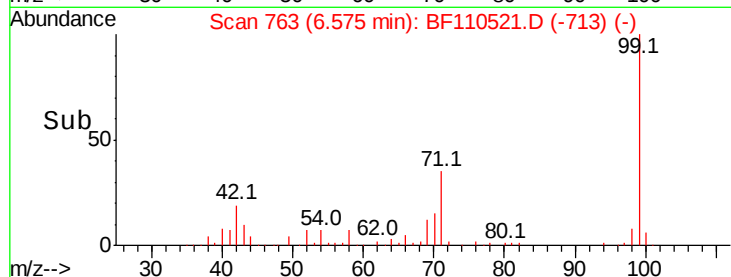
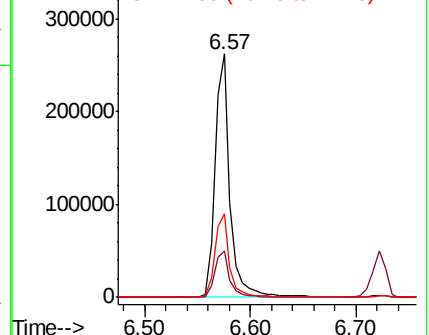
99 100

42 19.0 15.8 23.6

71 34.5 28.0 42.0



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: 4.030 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

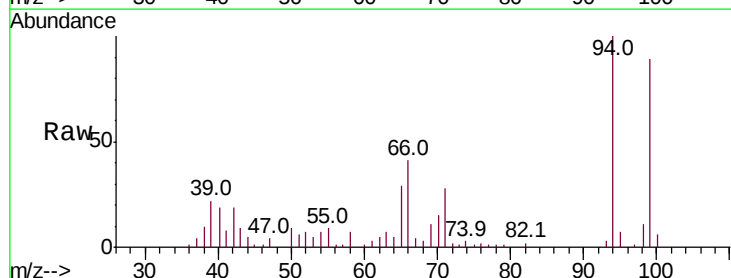
Tgt Ion: 94 Resp: 36144

Ion Ratio Lower Upper

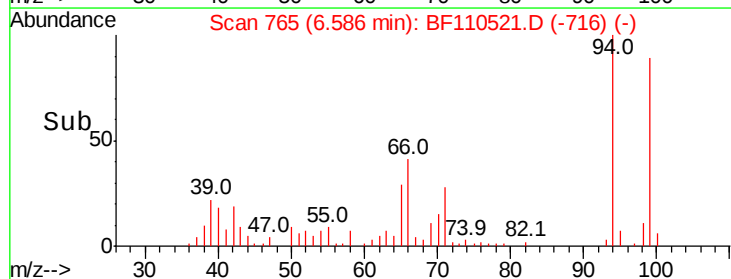
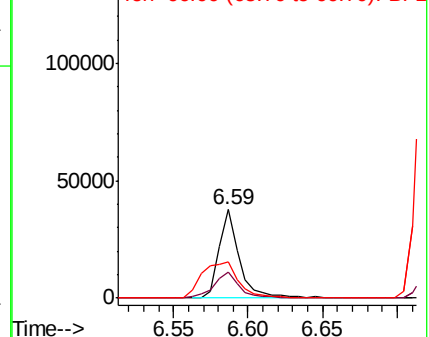
94 100

65 28.9 25.3 65.3

66 41.3 54.5 94.5#



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: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampleId :

MW-9

Tot Ion:136 Resp: 446566

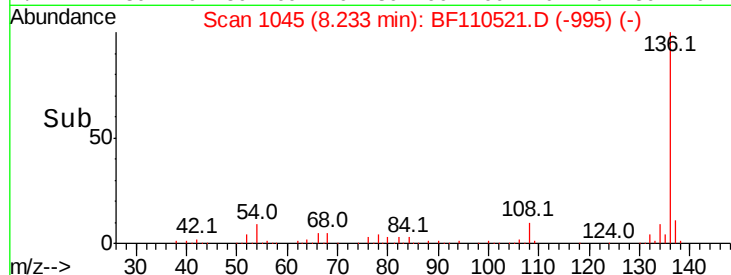
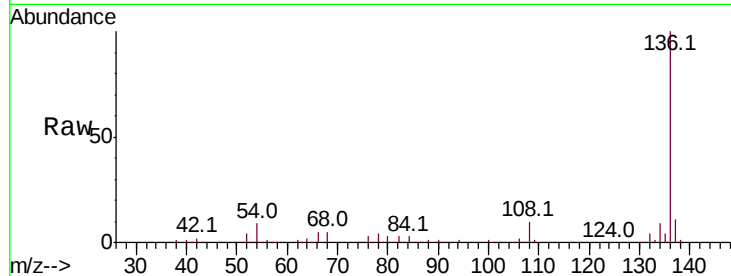
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.0 5.4 8.2#

68 5.4 4.2 6.2

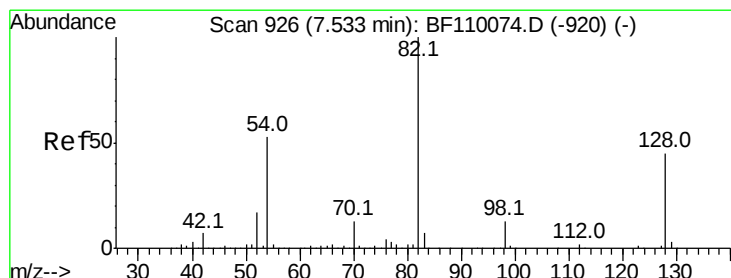
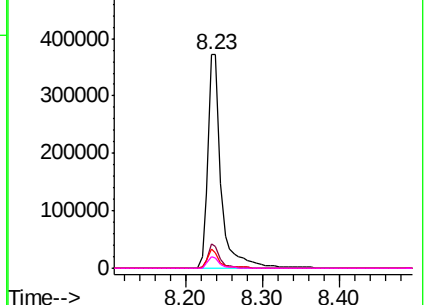


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.400 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

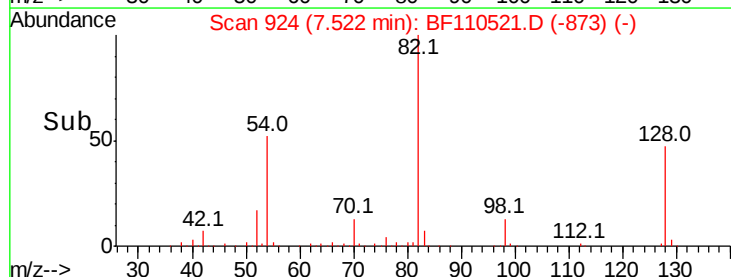
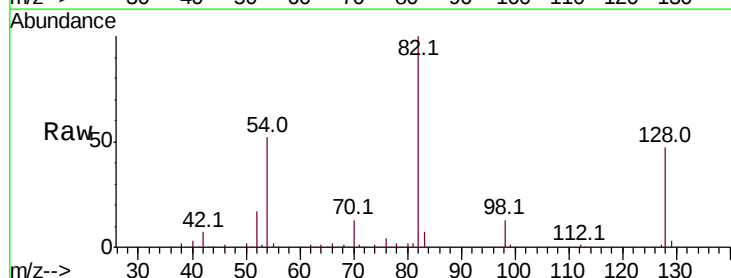
Tgt Ion: 82 Resp: 590270

Ion Ratio Lower Upper

82 100

128 47.2 34.2 51.2

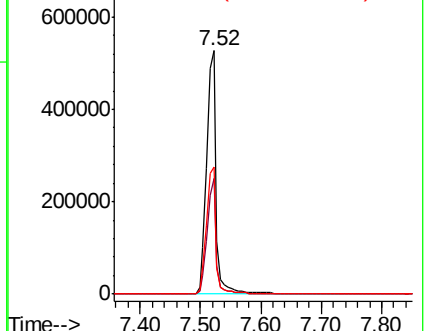
54 52.2 38.6 58.0



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

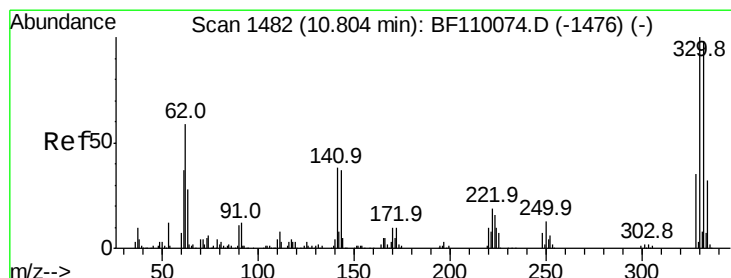
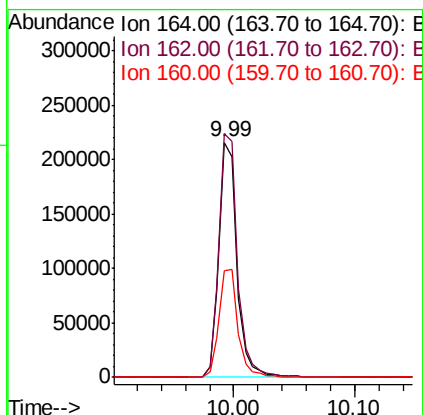
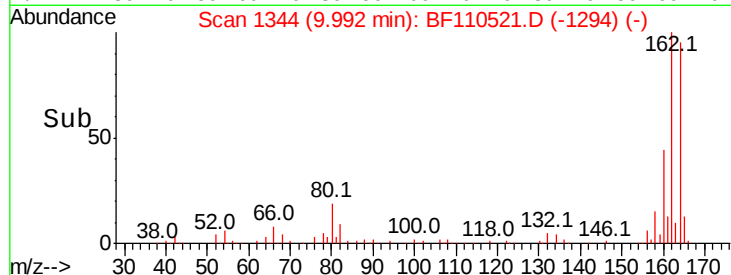
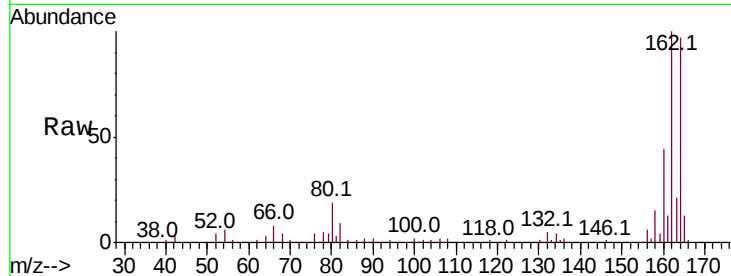




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

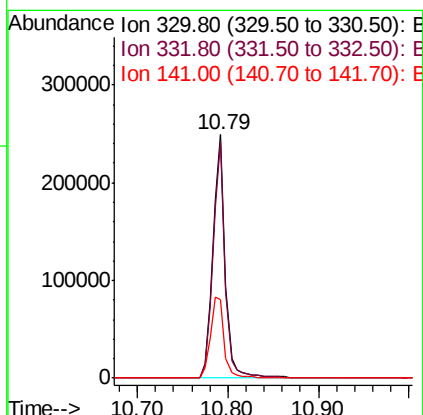
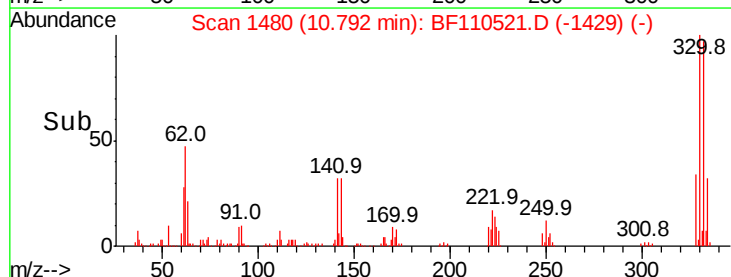
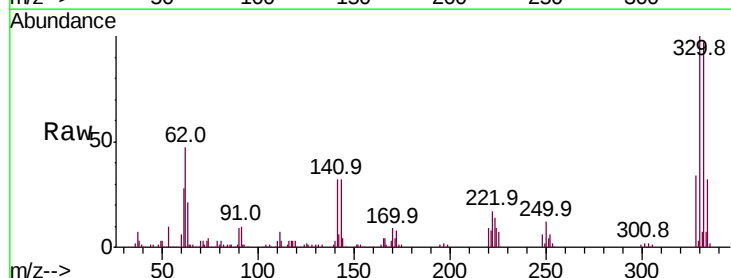
Instrument :
BNA_F
ClientSampleId :
MW-9

Tot Ion:164 Resp: 222673
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 45.2 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 108.369 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion:330 Resp: 239033
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 37.6 27.0 40.4



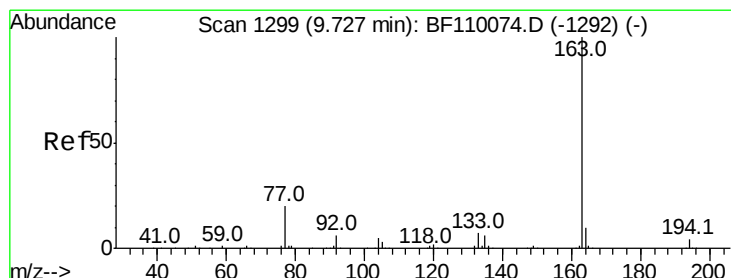
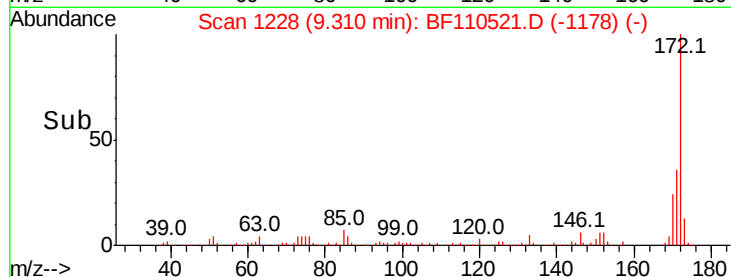
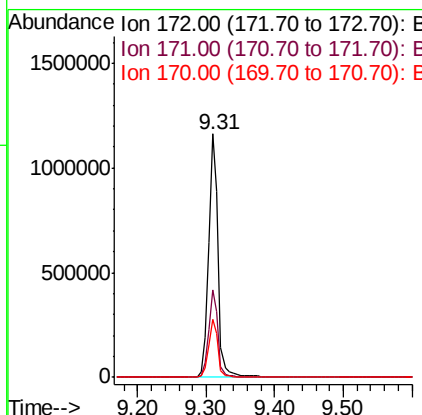
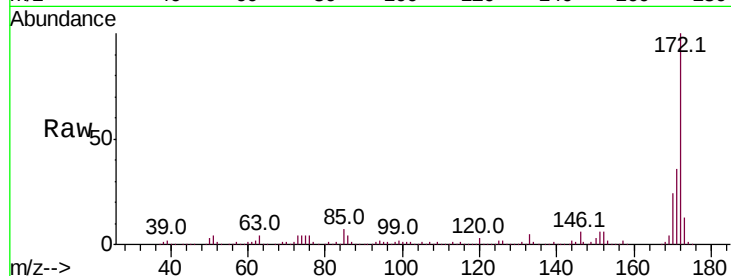


#45
 2-Fluorobiphenyl
 Concen: 80.454 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110521.D
 Acq: 6 Nov 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:172 Resp: 1140889

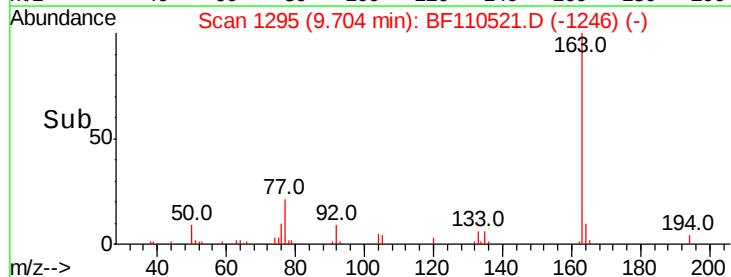
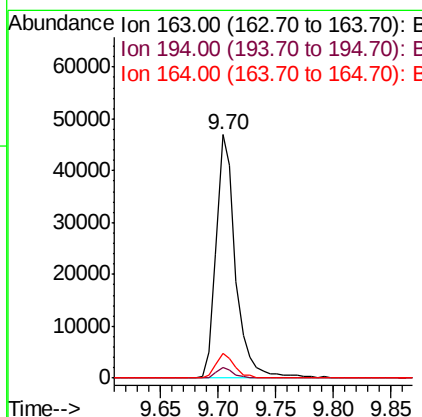
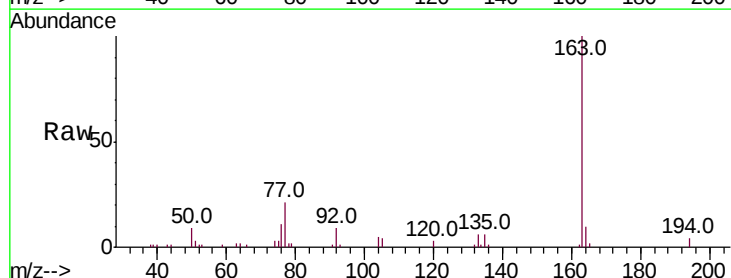
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.7	29.5



#50
 Dimethylphthalate
 Concen: 3.345 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110521.D
 Acq: 6 Nov 2018 18:02

Tgt Ion:163 Resp: 54981

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampleId :

MW-9

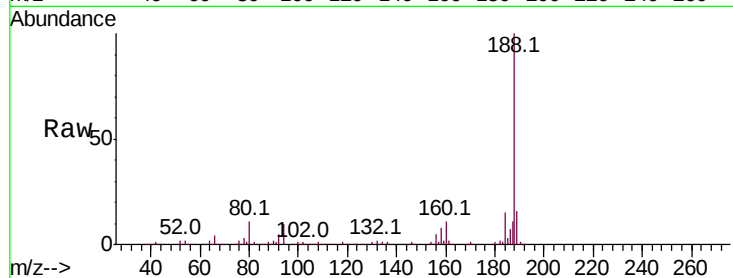
Tot Ion:188 Resp: 431576

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

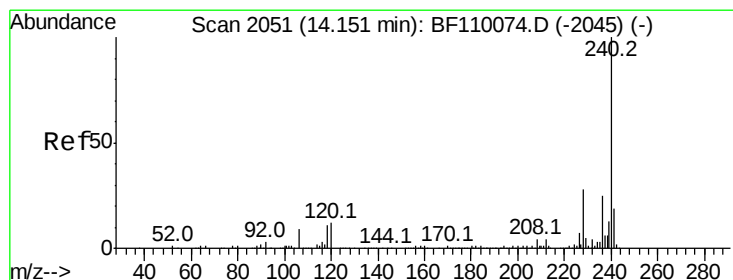
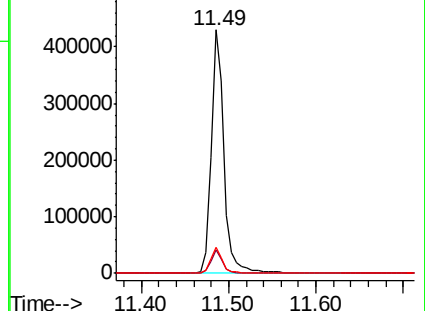
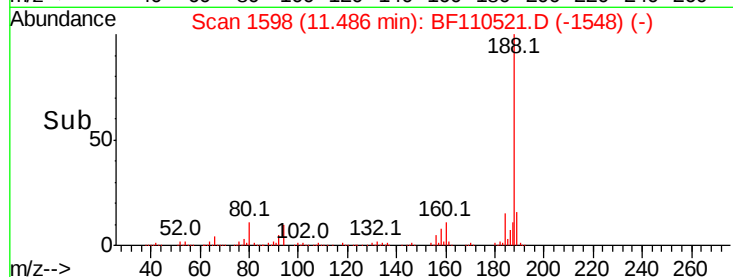
80 10.6 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

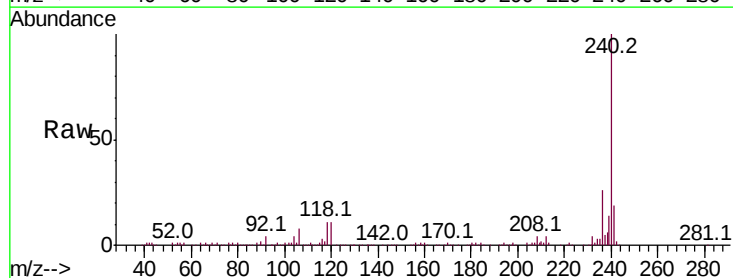
Tgt Ion:240 Resp: 225894

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

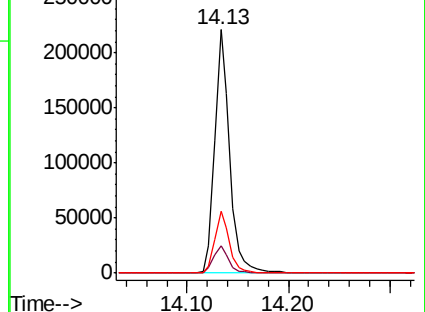
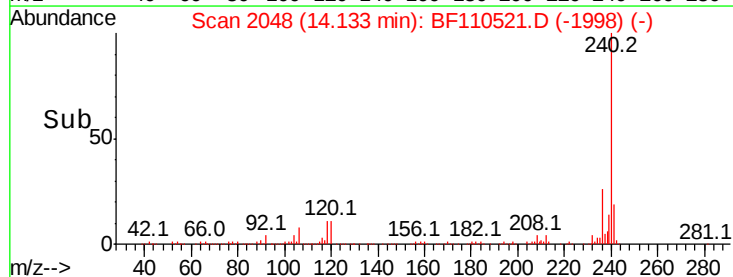
236 25.5 21.2 31.8



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: 98.449 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampled :

MW-9

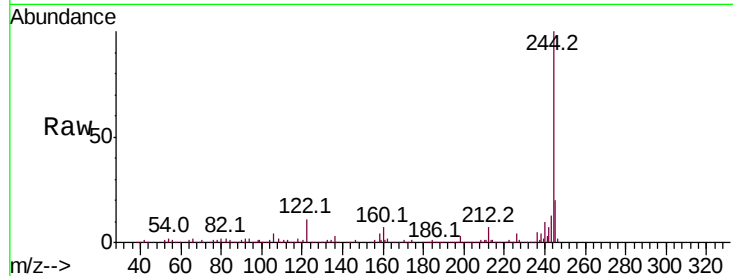
Tot Ion:244 Resp: 1069330

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

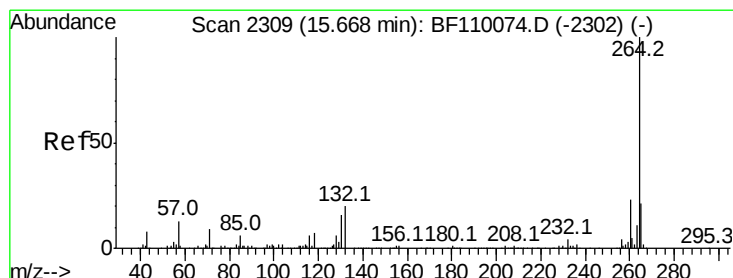
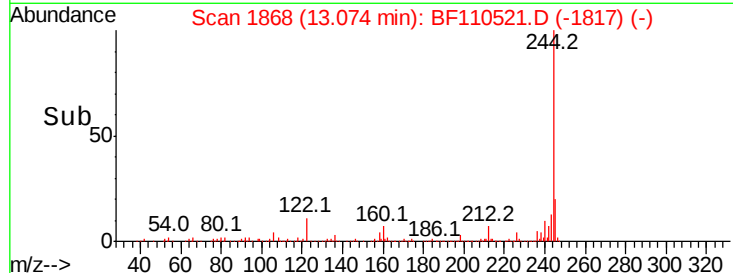
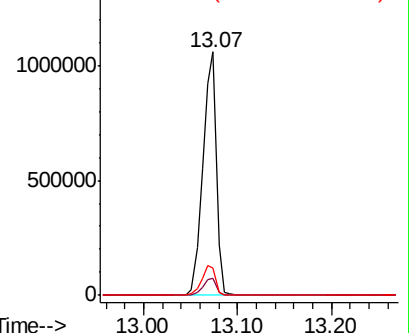
122 11.4 8.7 13.1



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: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

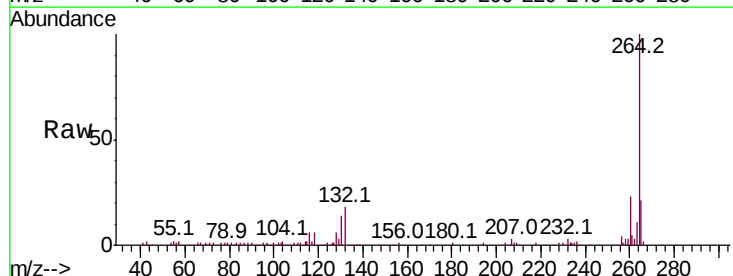
Tgt Ion:264 Resp: 196768

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.1 16.7 25.1



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

