

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082098.D
 Acq On : 6 Oct 2015 22:14
 Operator : UM/IZ
 Sample : G3926-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(10-12)

Quant Time: Oct 07 04:11:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

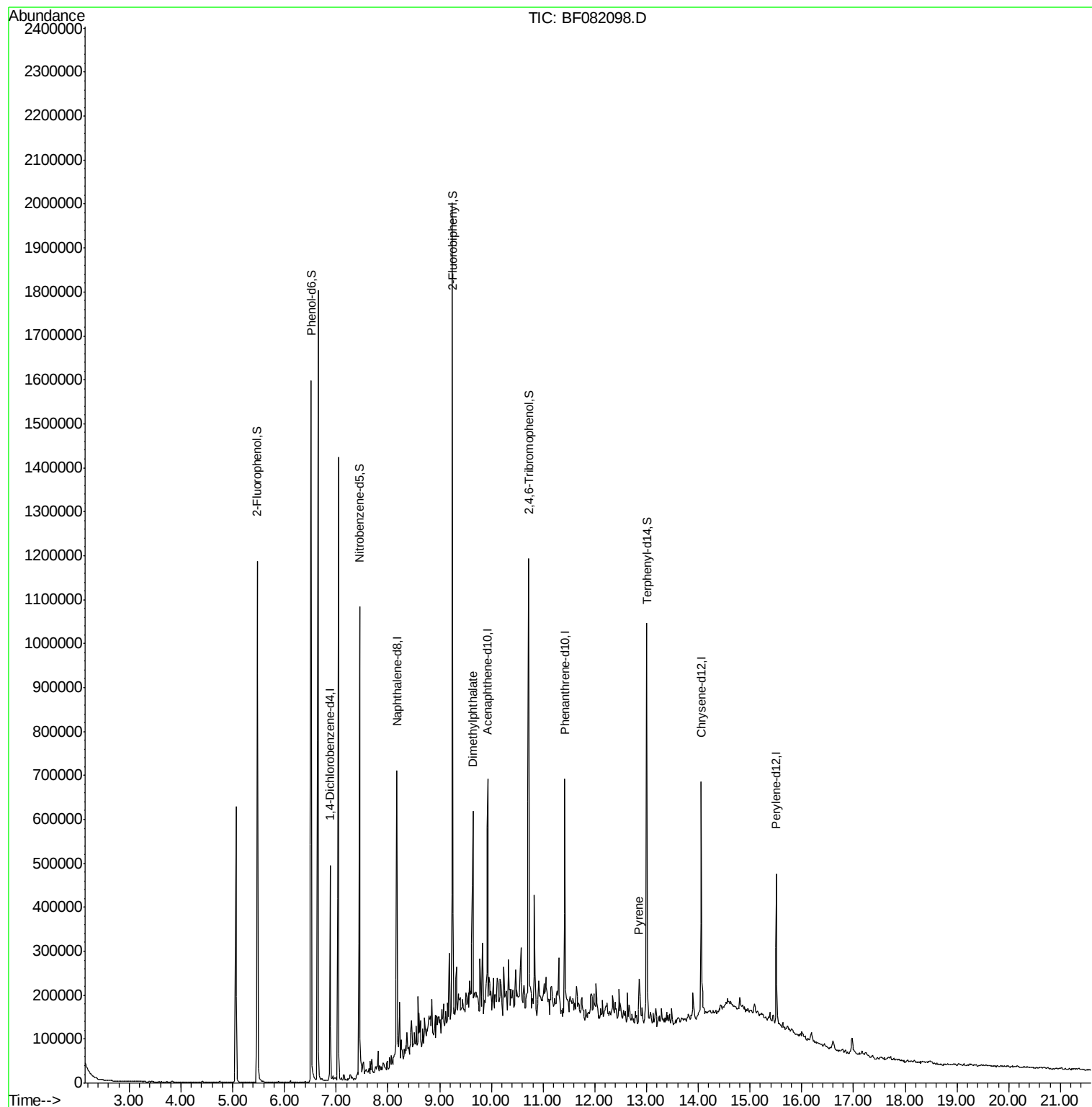
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	79396	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	312780	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	146545	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	248508	20.00	ng	0.00
75) Chrysene-d12	14.06	240	226996	20.00	ng	-0.01
86) Perylene-d12	15.51	264	178230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	475725	108.77	ng	0.00
7) Phenol-d6	6.51	99	609112	110.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	392656	83.68	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	145734	98.19	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	580172	62.99	ng	0.00
78) Terphenyl-d14	13.01	244	469780	62.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	140557	13.90	ng	Qvalue # 98
77) Pyrene	12.86	202	41003	3.02	ng	97

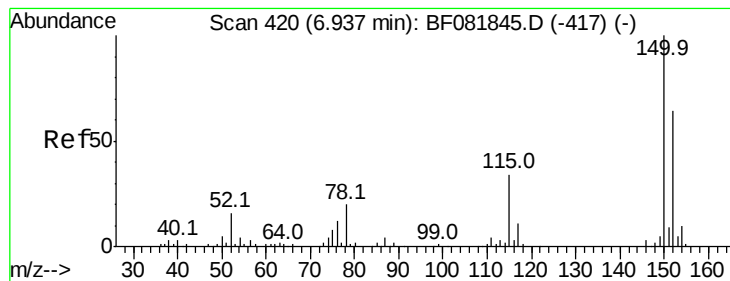
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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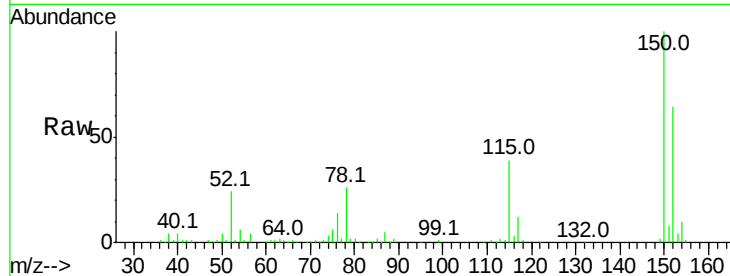


#1

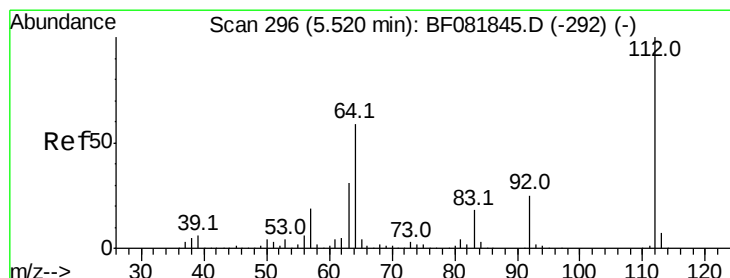
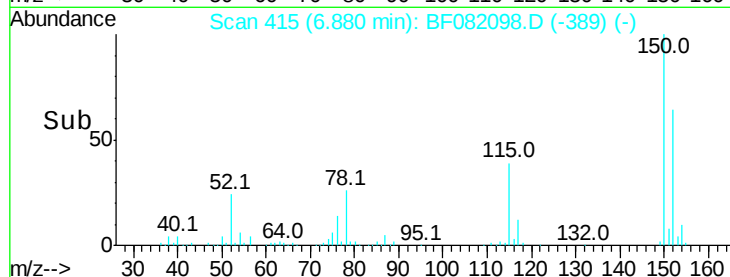
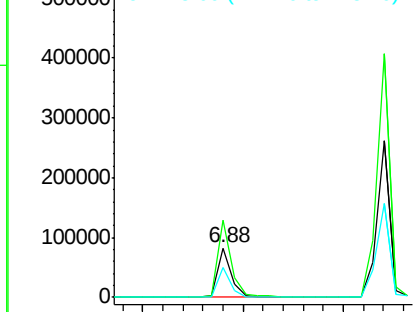
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(10-12)

Tot Ion:152 Resp: 79396
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.7 187.1
 115 61.1 39.0 58.4#



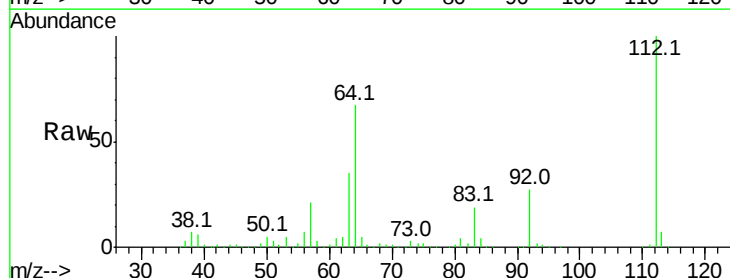
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



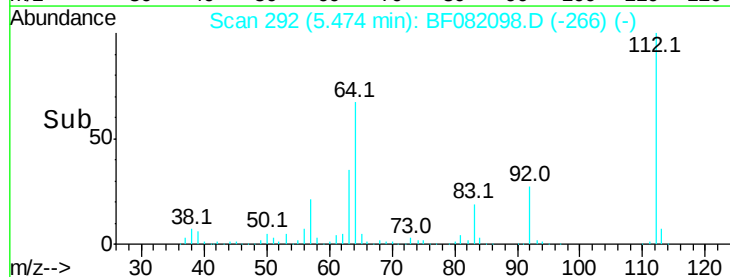
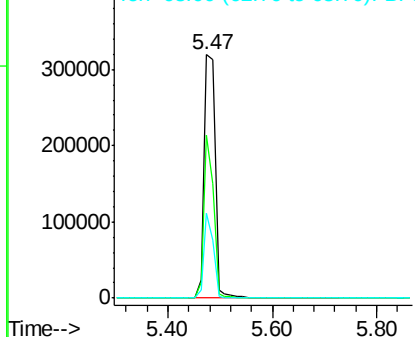
#5

2-Fluorophenol
 Concen: 108.77 ng
 RT: 5.47 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

Tgt Ion:112 Resp: 475725
 Ion Ratio Lower Upper
 112 100
 64 67.2 39.7 59.5#
 63 35.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.68 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(10-12)

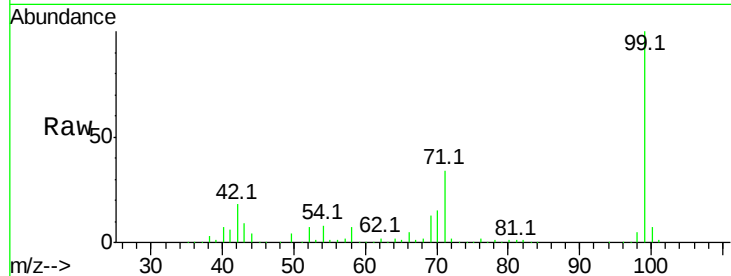
Tot Ion: 99 Resp: 609112

Ion Ratio Lower Upper

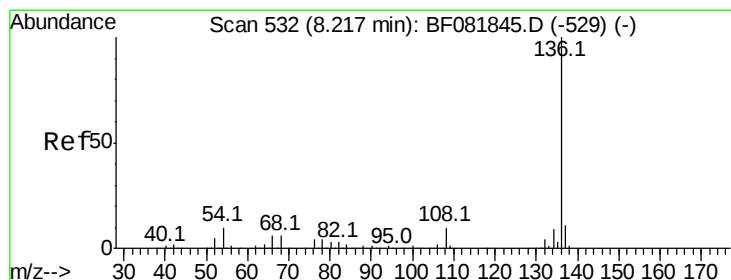
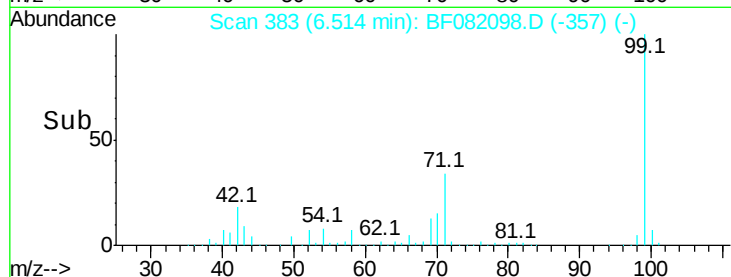
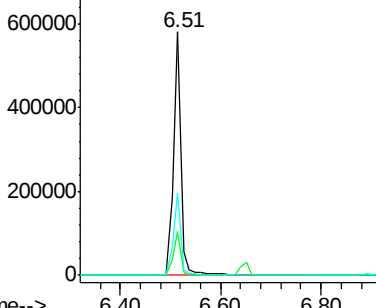
99 100

42 17.9 13.7 20.5

71 33.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

Tgt Ion:136 Resp: 312780

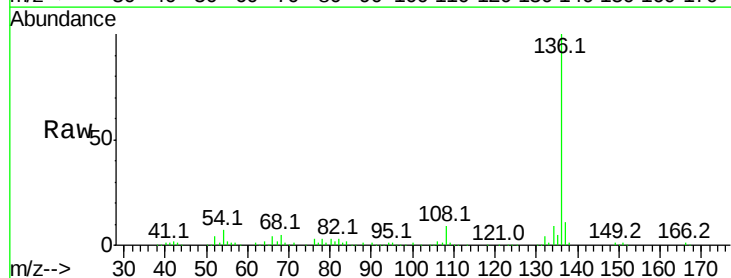
Ion Ratio Lower Upper

136 100

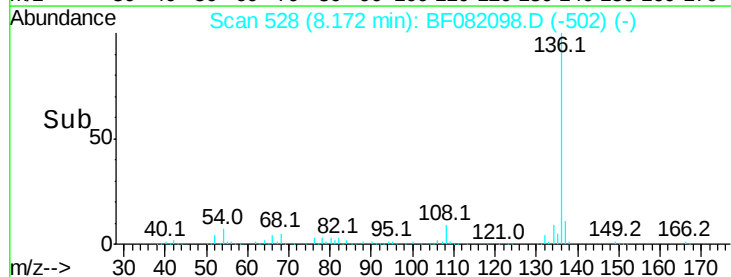
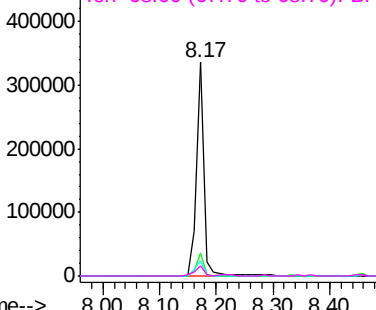
137 11.0 9.0 13.6

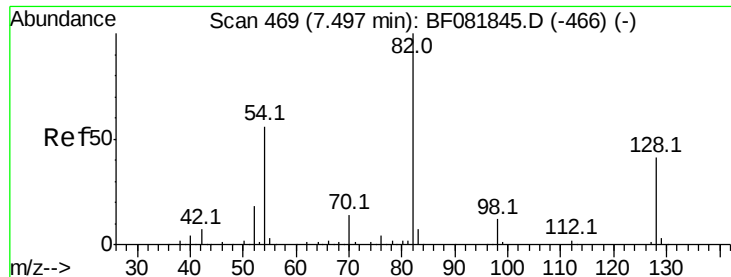
54 6.9 8.2 12.2#

68 4.7 5.8 8.6#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

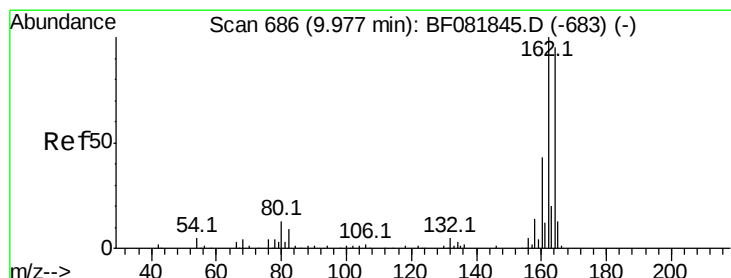
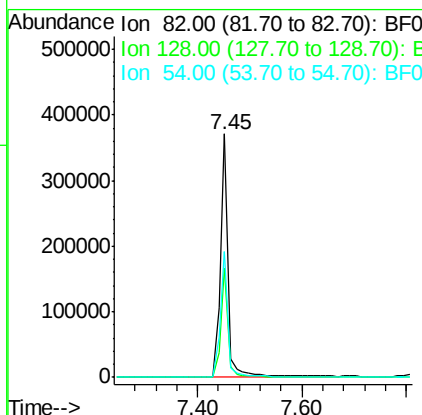
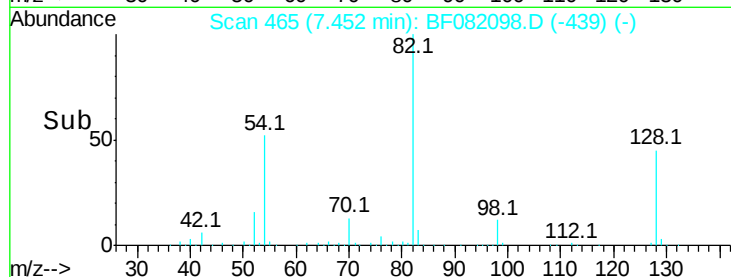
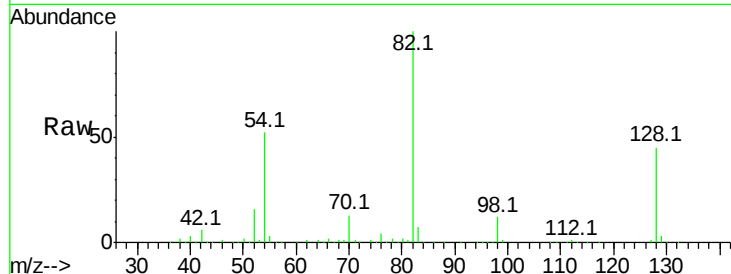




#23
 Nitrobenzene-d5
 Concen: 83.68 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

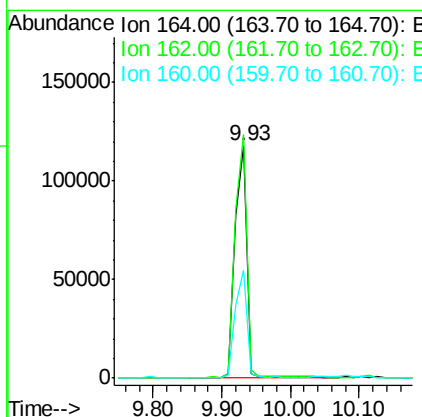
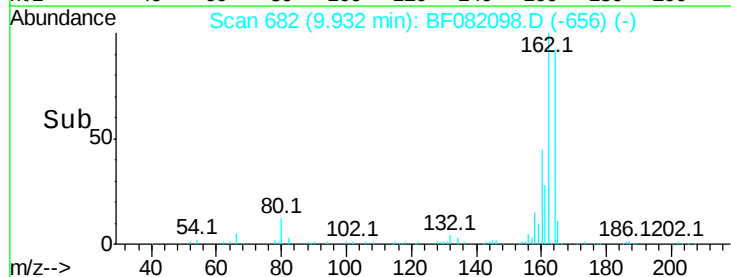
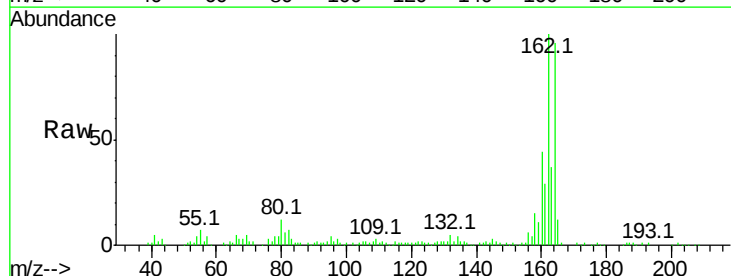
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(10-12)

Tot Ion: 82 Resp: 392656
 Ion Ratio Lower Upper
 82 100
 128 44.6 51.0 76.6#
 54 51.8 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

Tgt Ion:164 Resp: 146545
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 46.4 31.5 47.3

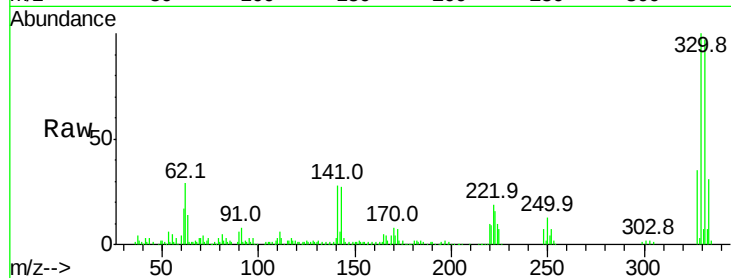




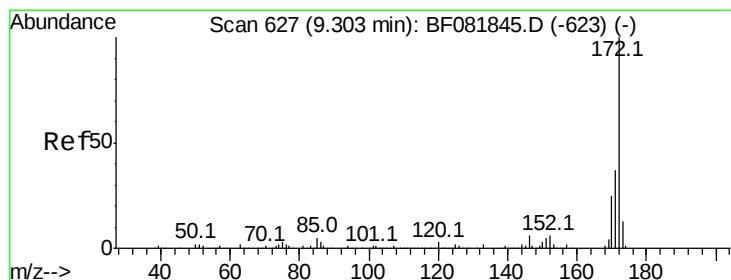
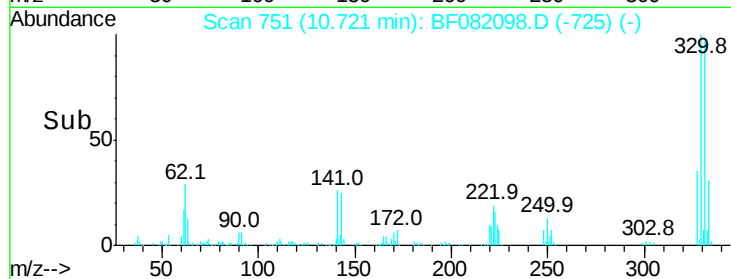
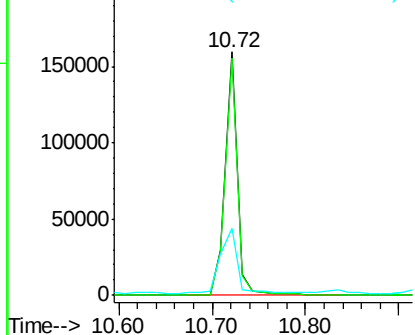
#41
 2,4,6-Tribromophenol
 Concen: 98.19 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(10-12)

Tot Ion:330 Resp: 145734
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 36.0 29.7 44.5

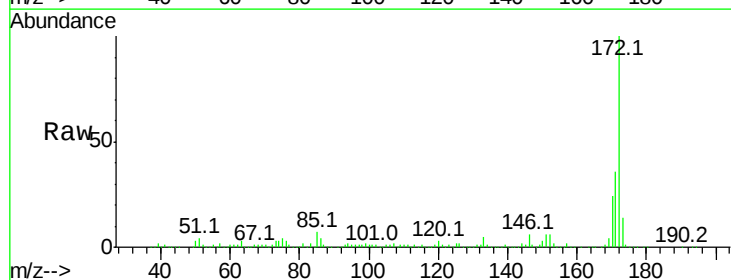


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

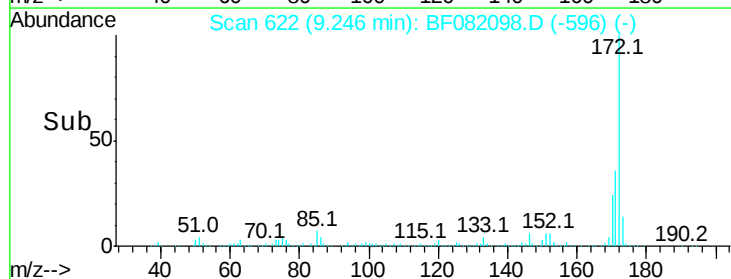
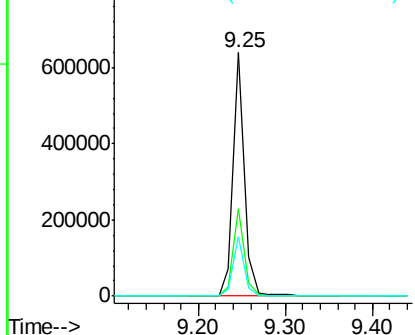


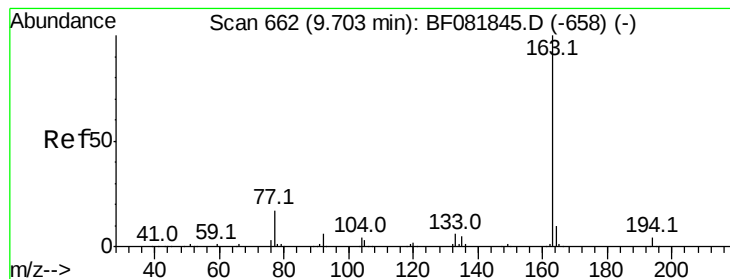
#44
 2-Fluorobiphenyl
 Concen: 62.99 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082098.D
 Acq: 6 Oct 2015 22:14

Tgt Ion:172 Resp: 580172
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.5 17.4 26.2



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





#49

Dimethylphthalate

Concen: 13.90 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(10-12)

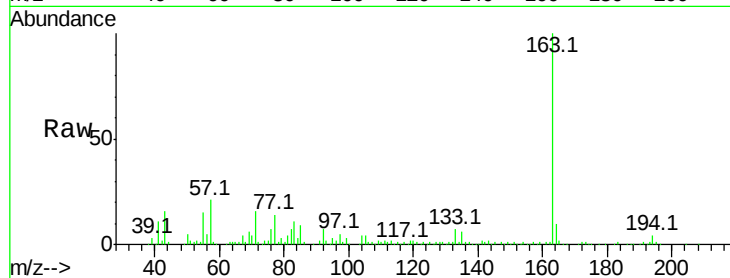
Tot Ion:163 Resp: 140557

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

164 10.0 8.3 12.5



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

200000

150000

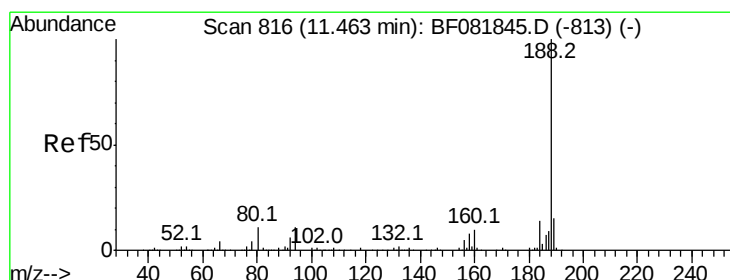
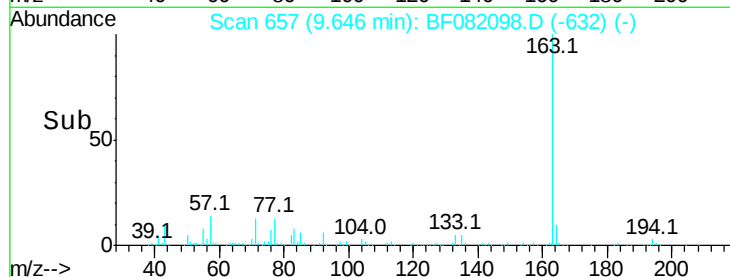
100000

50000

0

9.55 9.60 9.65 9.70

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

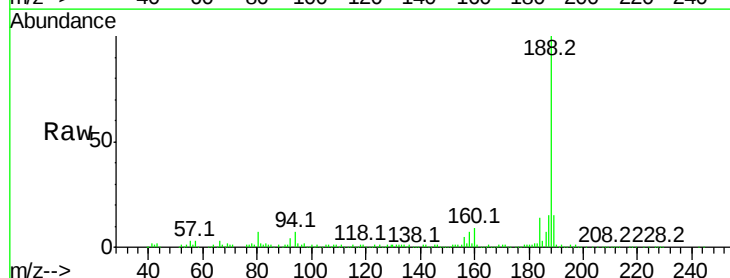
Tgt Ion:188 Resp: 248508

Ion Ratio Lower Upper

188 100

94 6.6 11.1 16.7#

80 6.5 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

300000

250000

200000

150000

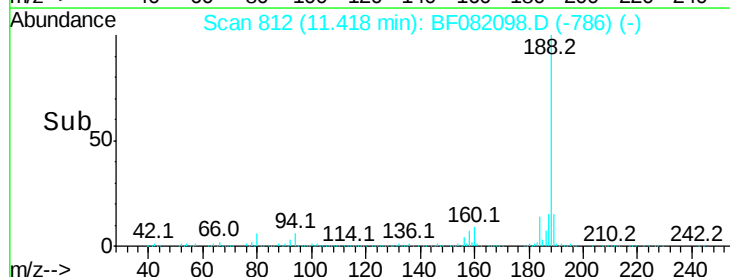
100000

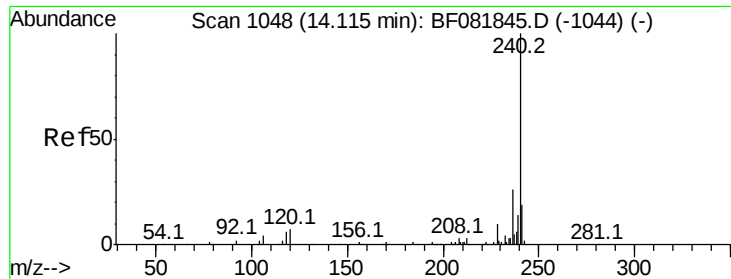
50000

0

11.40 11.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

Instrument :

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ClientSampleId :

OS-SB-23(10-12)

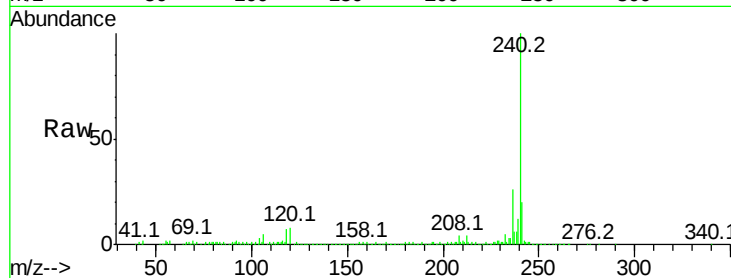
Tot Ion:240 Resp: 226996

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

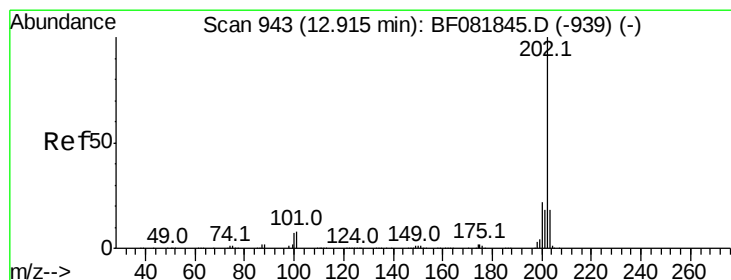
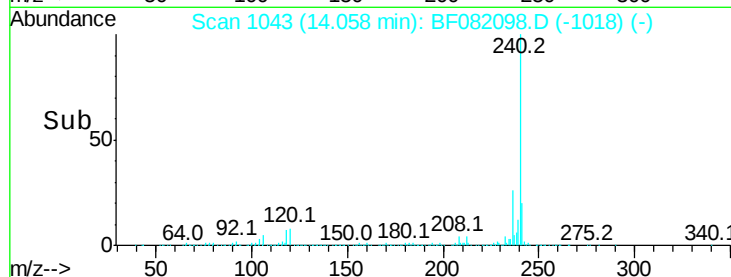
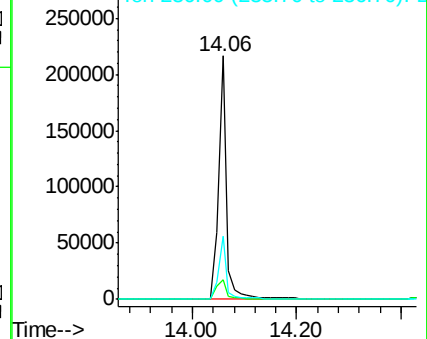
236 25.9 18.4 27.6



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



#77

Pyrene

Concen: 3.02 ng

RT: 12.86 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

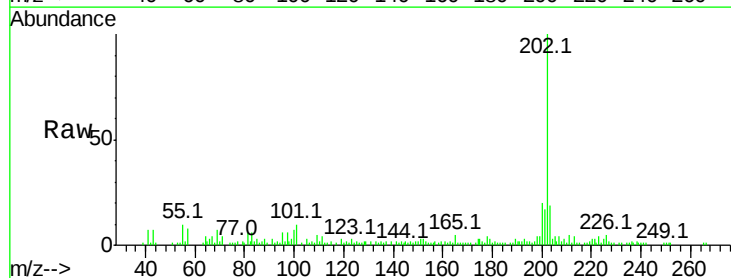
Tgt Ion:202 Resp: 41003

Ion Ratio Lower Upper

202 100

200 19.8 15.0 22.4

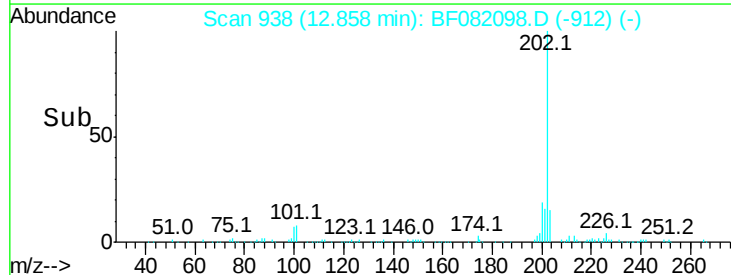
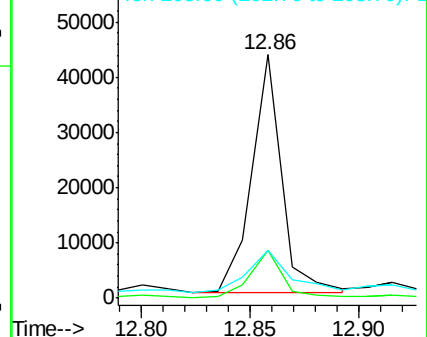
203 19.4 14.1 21.1

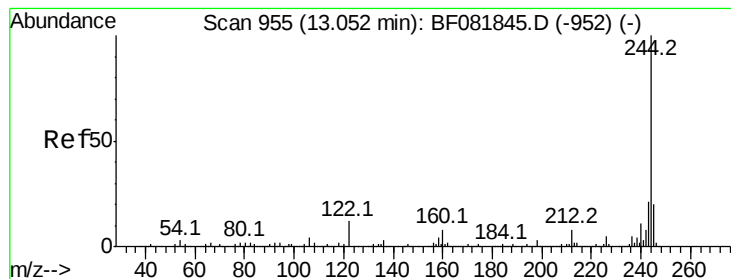


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.03 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

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OS-SB-23(10-12)

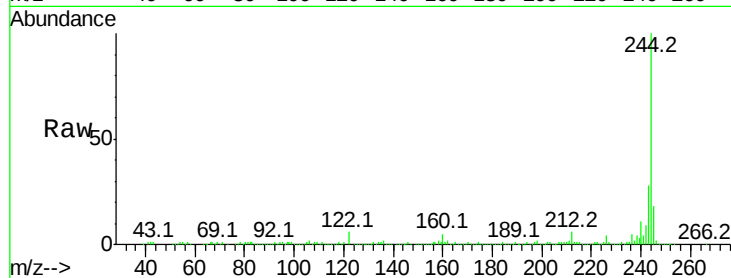
Tot Ion:244 Resp: 469780

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

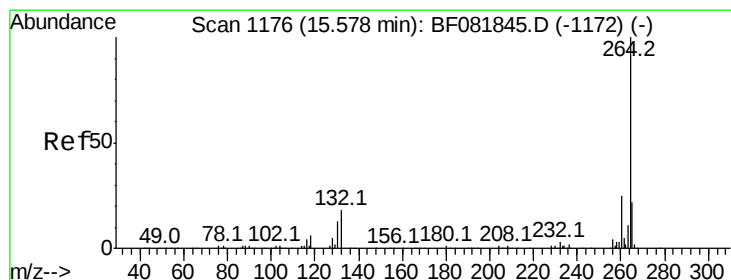
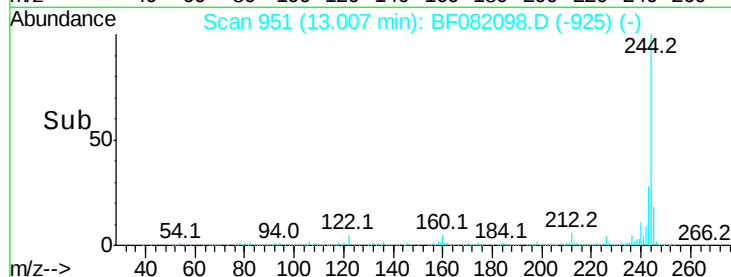
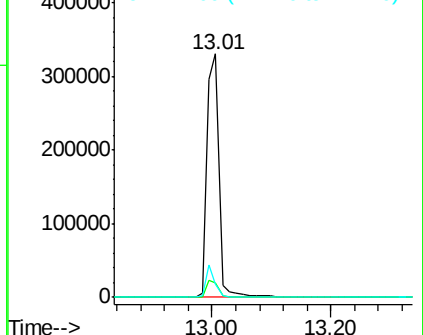
122 5.5 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF082098.D

Acq: 6 Oct 2015 22:14

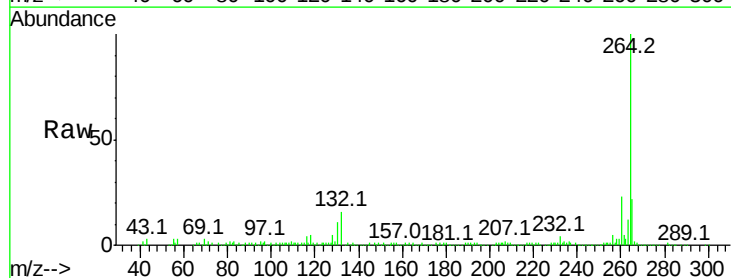
Tgt Ion:264 Resp: 178230

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

265 22.1 17.2 25.8



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

