

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082688.D
 Acq On : 4 Nov 2015 7:15
 Operator : UM/IZ
 Sample : G4240-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(16-18)

Quant Time: Nov 04 07:48:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

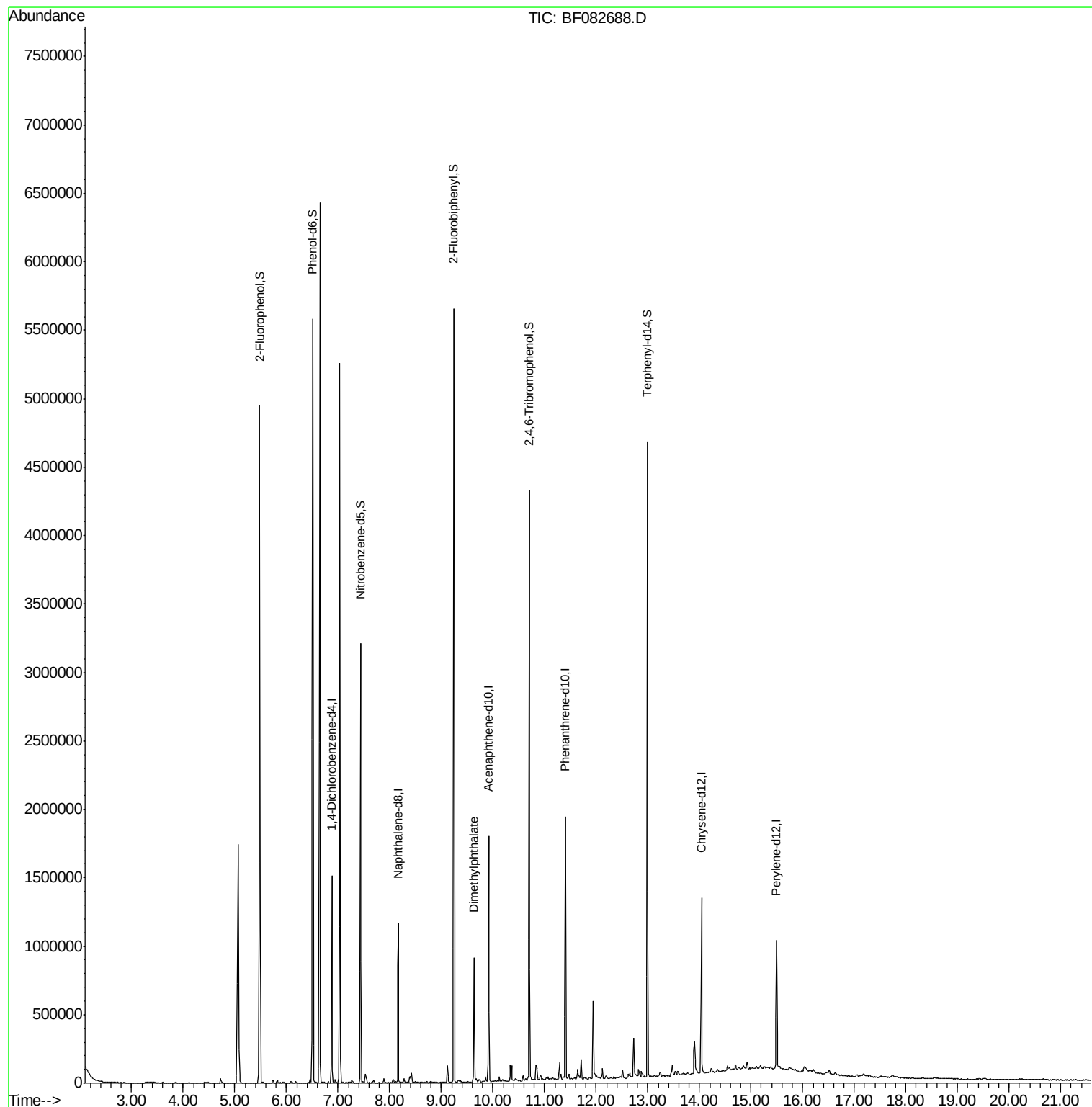
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188024	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	668764	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	353006	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	662805	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	471995	20.00	ng	-0.01
86) Perylene-d12	15.49	264	434693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1409056	112.87	ng	0.01
7) Phenol-d6	6.51	99	1916128	115.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	1175707	71.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	477410	123.58	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1670971	67.21	ng	-0.01
78) Terphenyl-d14	12.99	244	1483293	68.77	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	440759	15.29	ng	99

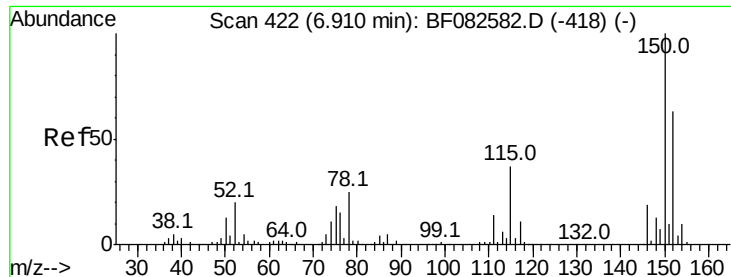
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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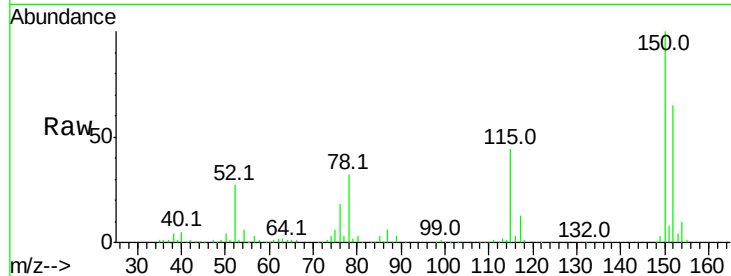


#1

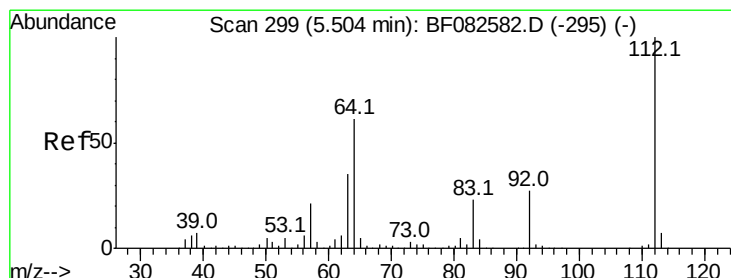
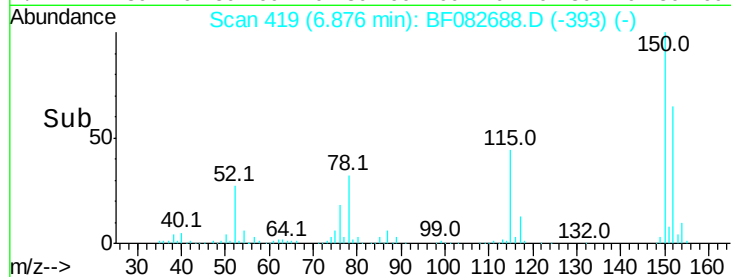
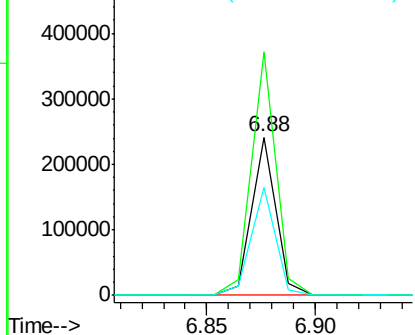
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(16-18)

Tot Ion:152 Resp: 188024
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.4
 115 68.0 47.0 70.6



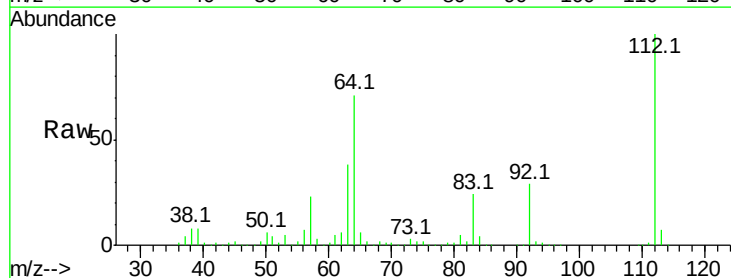
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



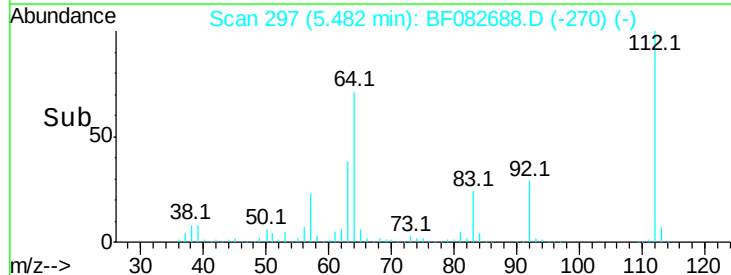
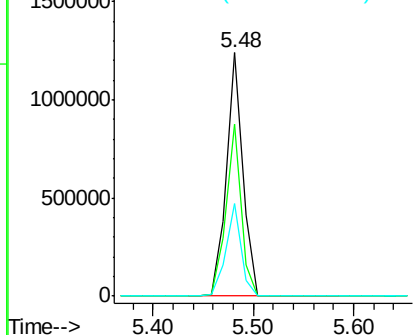
#5

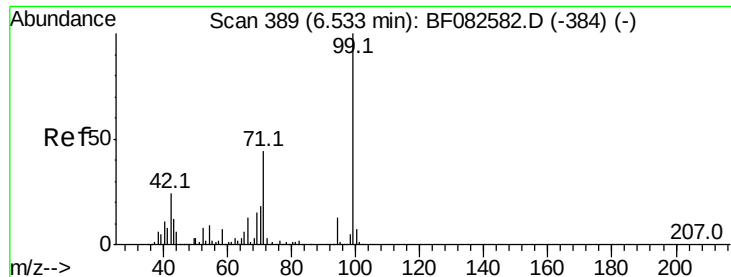
2-Fluorophenol
 Concen: 112.87 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Tgt Ion:112 Resp: 1409056
 Ion Ratio Lower Upper
 112 100
 64 70.7 48.9 73.3
 63 37.8 28.1 42.1



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: 115.54 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

Instrument :

BNA_F

ClientSampleId :

SB-03(16-18)

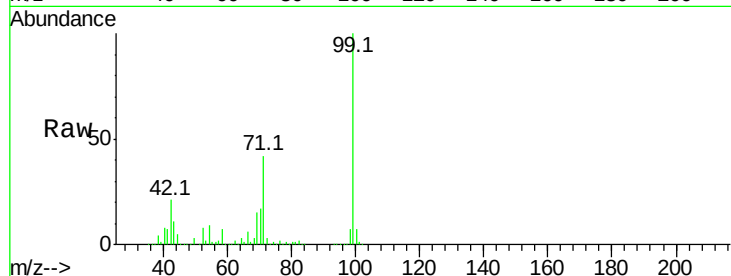
Tot Ion: 99 Resp: 1916128

Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.2	28.8
71	41.6	35.0	52.4

99 100

42 21.5 19.2 28.8

71 41.6 35.0 52.4

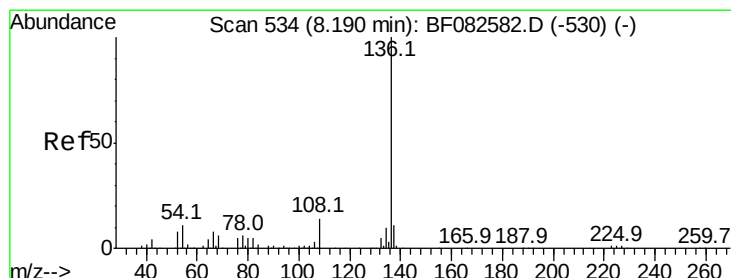
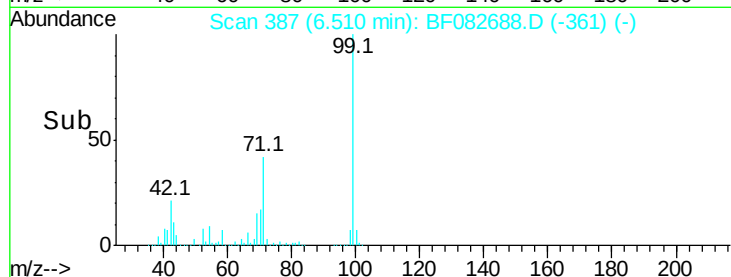
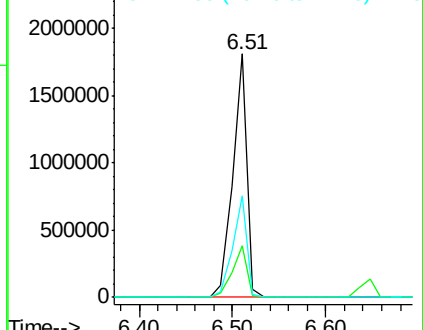


Abundance

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# 532

Delta R.T. 0.00 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

Tgt Ion: 136 Resp: 668764

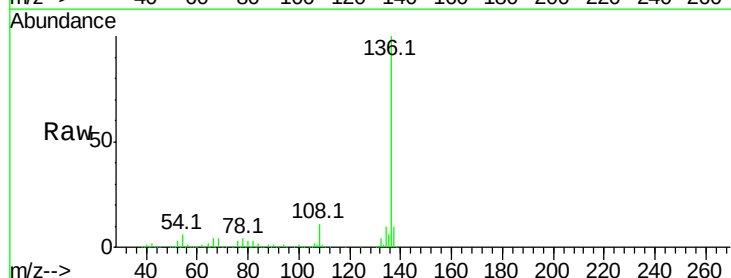
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.8	9.1	13.7#
68	3.9	4.8	7.2#

136 100

137 10.4 9.1 13.7

54 5.8 9.1 13.7#

68 3.9 4.8 7.2#



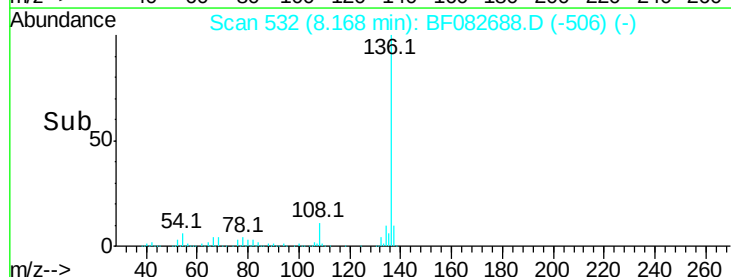
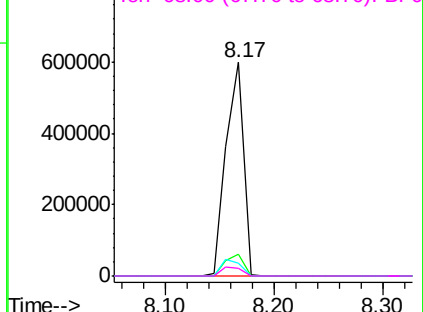
Abundance

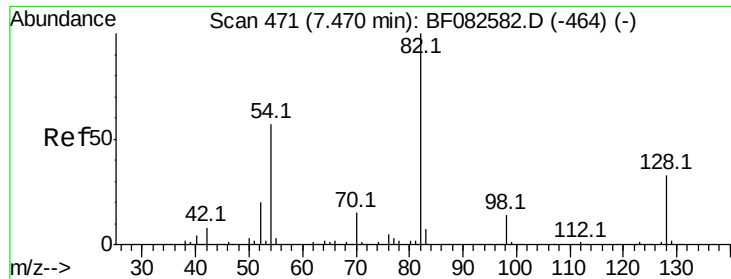
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



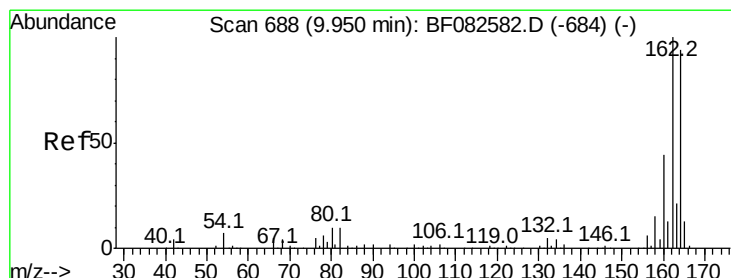
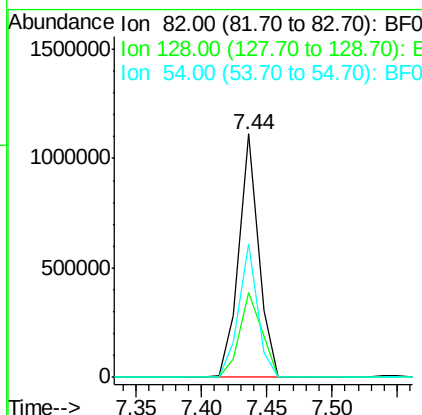
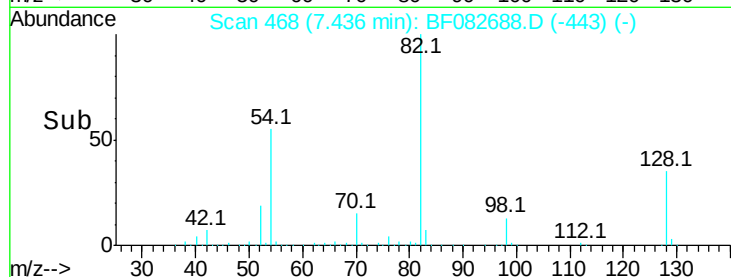
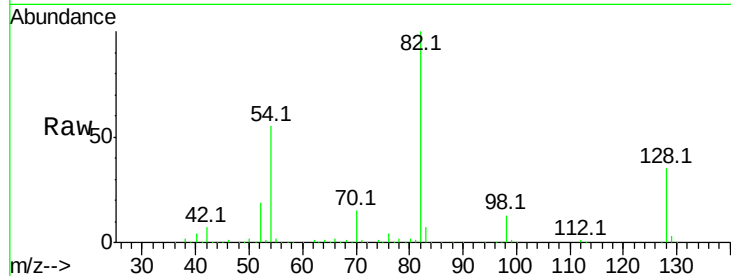


#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(16-18)

Tot Ion: 82 Resp: 1175707

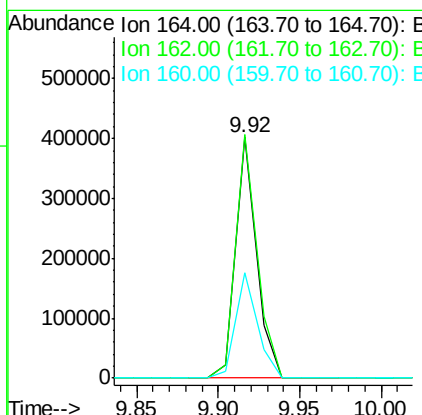
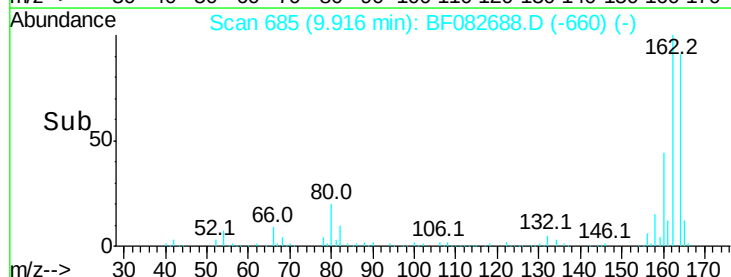
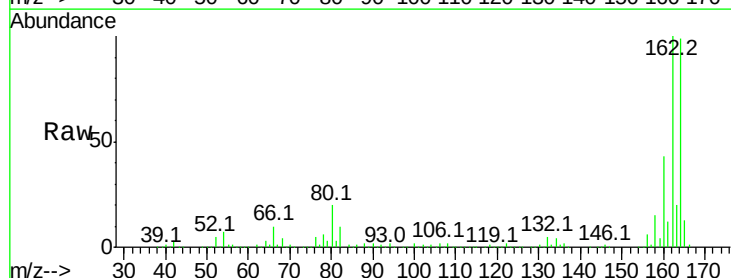
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.8	40.2
54	55.1	45.7	68.5

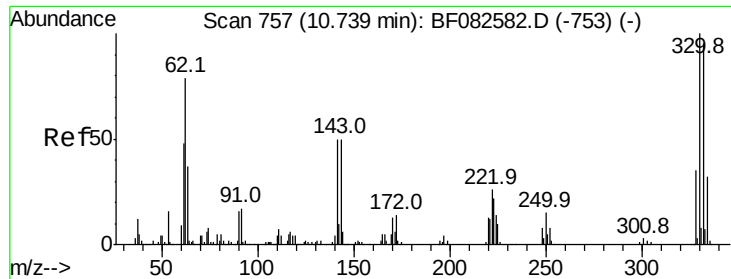


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Tgt Ion: 164 Resp: 353006

Ion	Ratio	Lower	Upper
164	100		
162	101.2	84.9	127.3
160	43.8	37.5	56.3

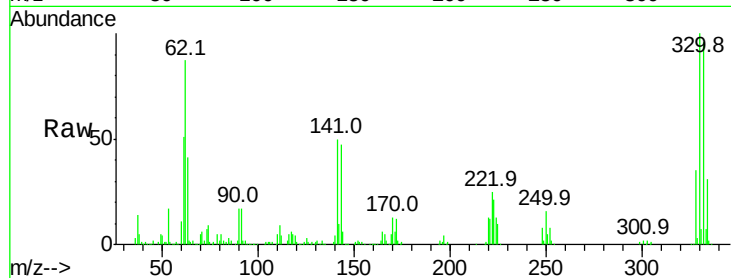




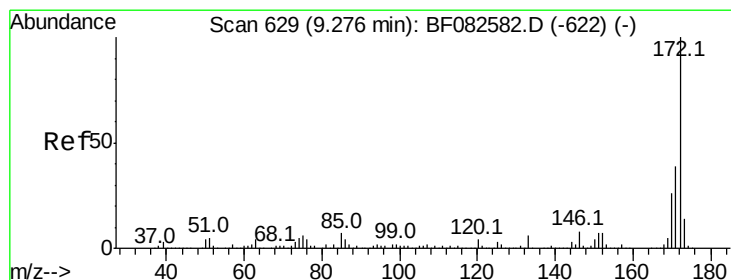
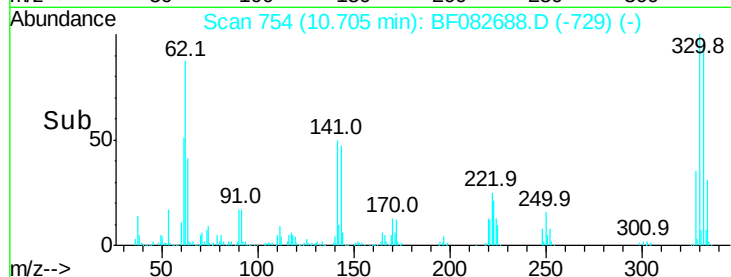
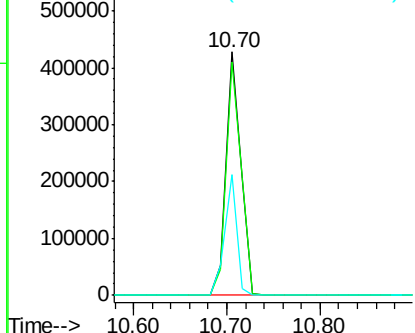
#41
 2,4,6-Tribromophenol
 Concen: 123.58 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(16-18)

Tot Ion:330 Resp: 477410
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 40.6 41.2 61.8#

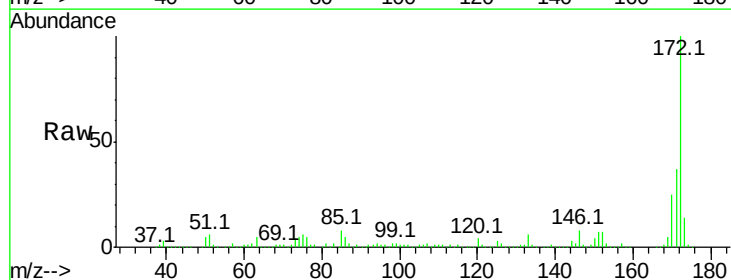


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

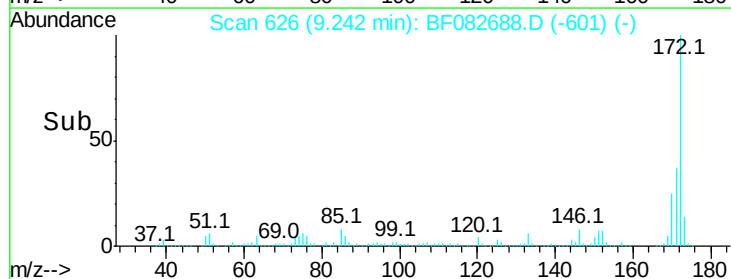
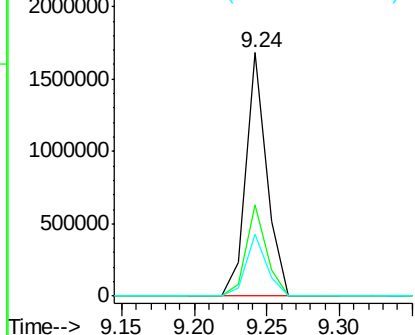


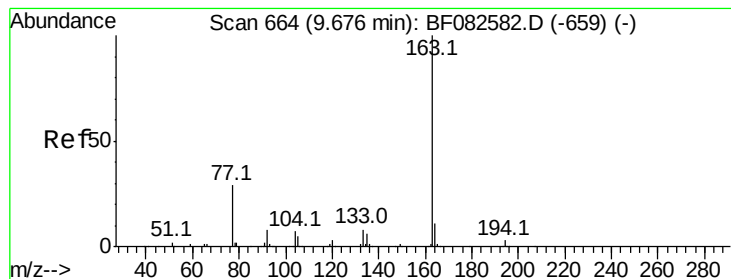
#44
 2-Fluorobiphenyl
 Concen: 67.21 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082688.D
 Acq: 4 Nov 2015 7:15

Tgt Ion:172 Resp: 1670971
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.5 21.2 31.8



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: 15.29 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

Instrument :

BNA_F

ClientSampleId :

SB-03(16-18)

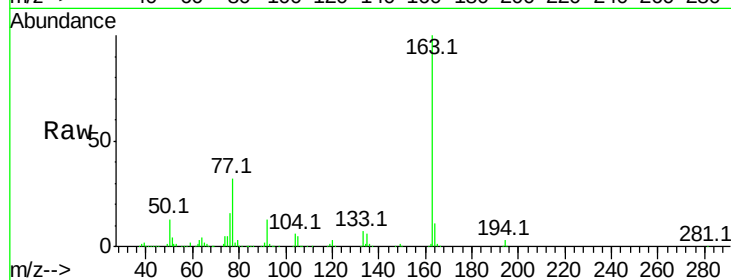
Tot Ion:163 Resp: 440759

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

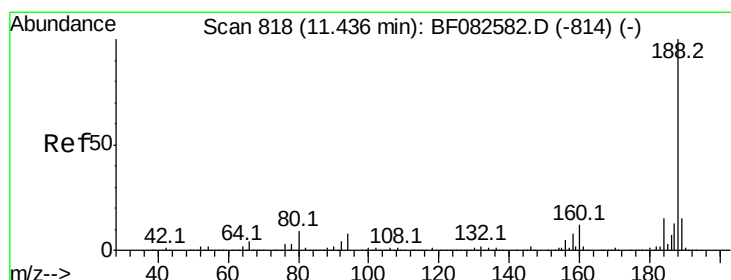
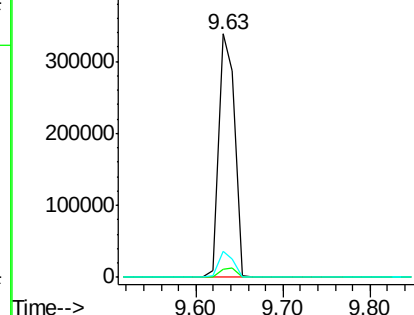
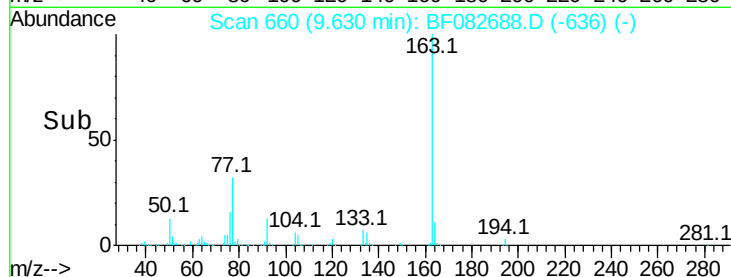
164 10.7 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

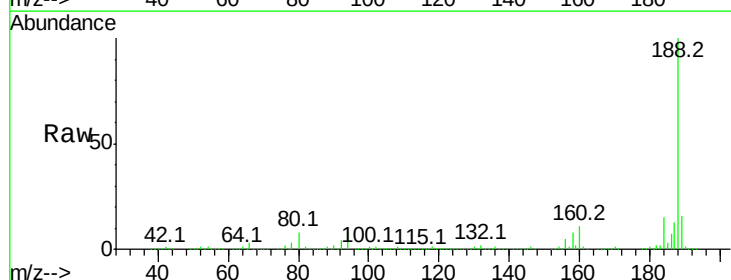
Tgt Ion:188 Resp: 662805

Ion Ratio Lower Upper

188 100

94 7.6 6.1 9.1

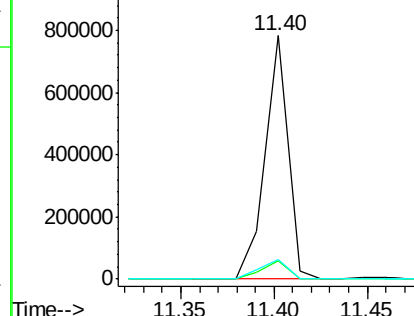
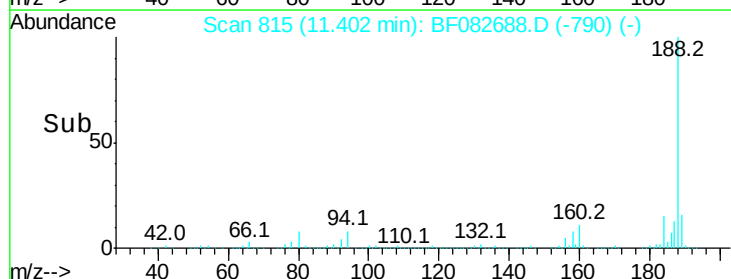
80 8.0 7.0 10.6

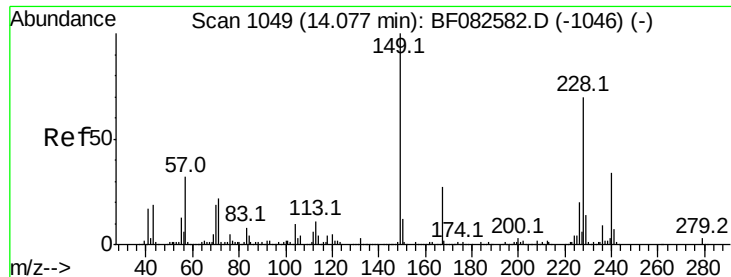


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

Instrument :

BNA_F

ClientSampleId :

SB-03(16-18)

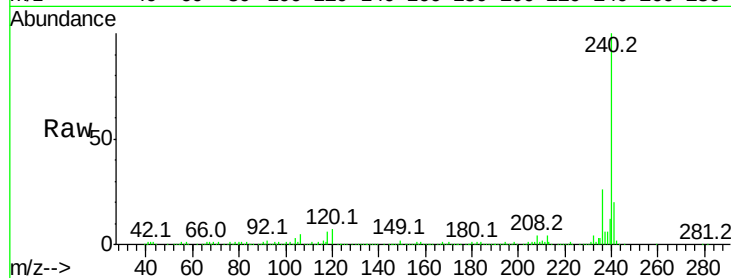
Tot Ion:240 Resp: 471995

Ion Ratio Lower Upper

240 100

120 6.8 10.9 16.3#

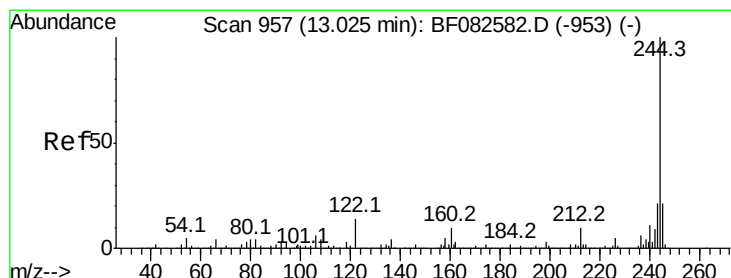
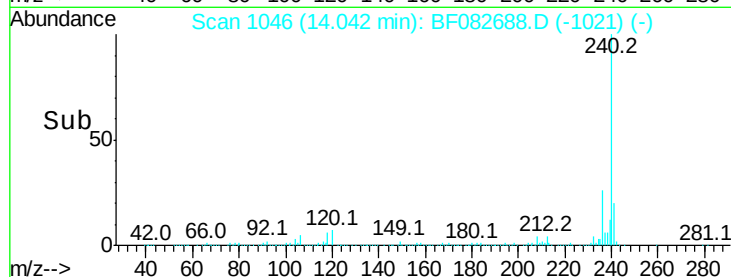
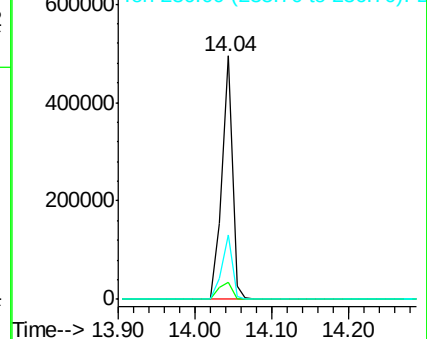
236 26.5 21.6 32.4



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



#78

Terphenyl-d14

Concen: 68.77 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082688.D

Acq: 4 Nov 2015 7:15

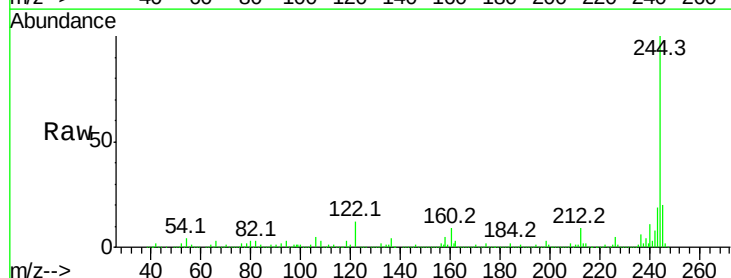
Tgt Ion:244 Resp: 1483293

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

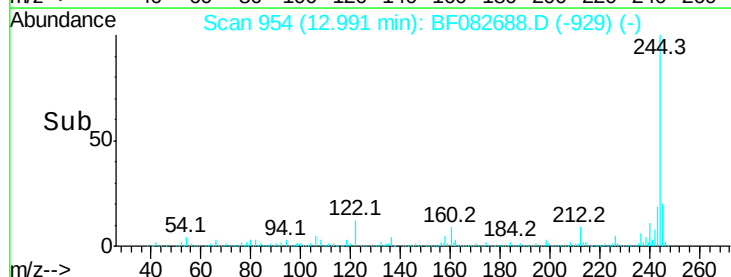
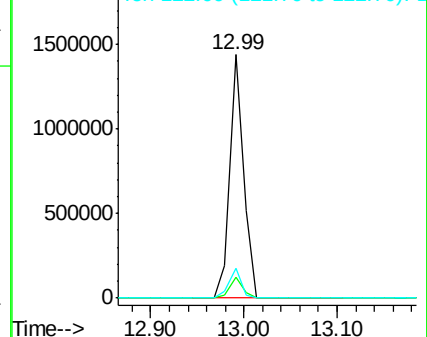
122 12.5 11.3 16.9

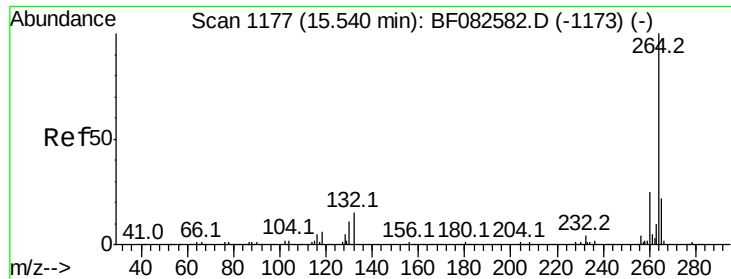


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

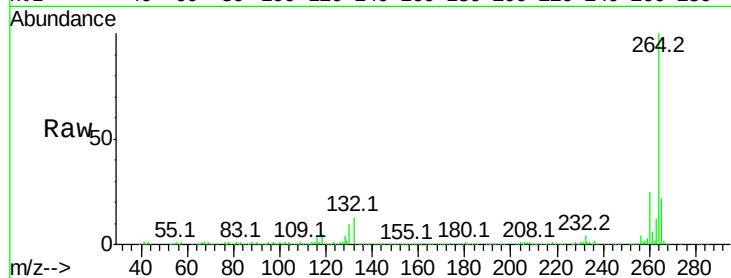




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF082688.D
Acq: 4 Nov 2015 7:15

Instrument :
BNA_F
ClientSampleId :
SB-03(16-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	22.0	17.4	26.0



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

