

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086238.D
 Acq On : 16 Apr 2016 2:19
 Operator : UM/SJ
 Sample : H2402-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-4-7-16

Quant Time: Apr 16 04:04:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

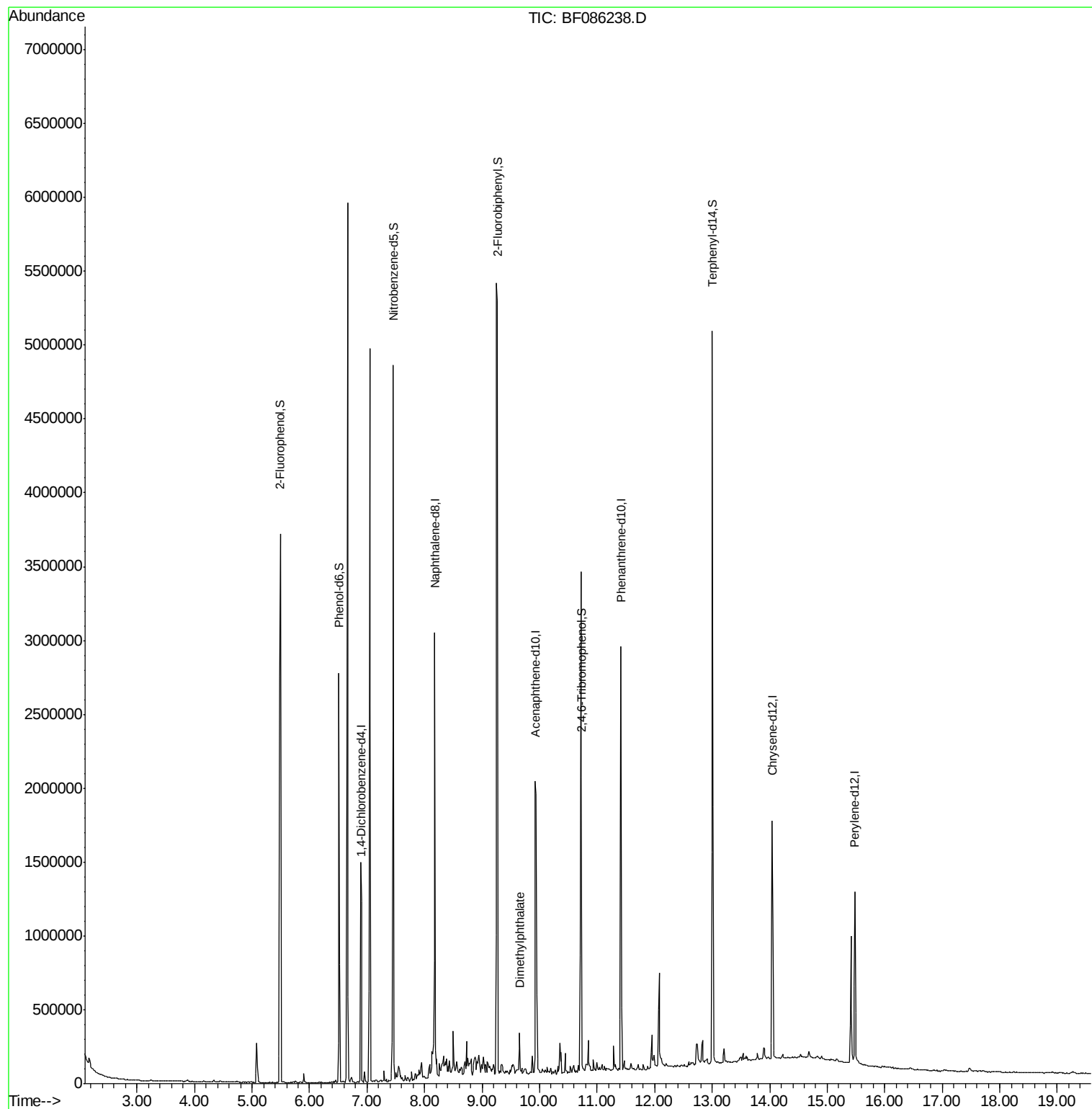
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	308023	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1243378	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	558630	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	950318	20.00	ng	0.00
75) Chrysene-d12	14.04	240	644031	20.00	ng	-0.01
86) Perylene-d12	15.48	264	502152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1355397	72.10	ng	0.01
7) Phenol-d6	6.51	99	982198	41.77	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1742373	80.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	525126	117.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2602339	85.96	ng	0.00
78) Terphenyl-d14	13.00	244	1769053	69.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	139608	3.44	ng	99

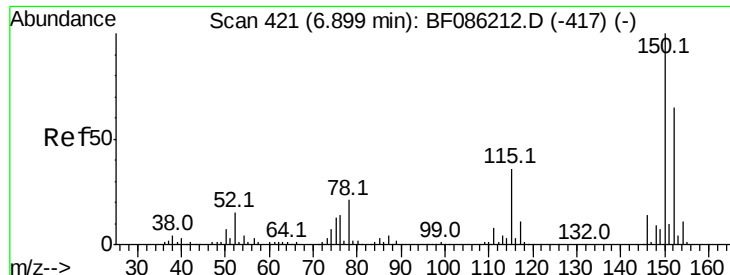
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

Instrument :

BNA_F

ClientSampleId :

MW-2-4-7-16

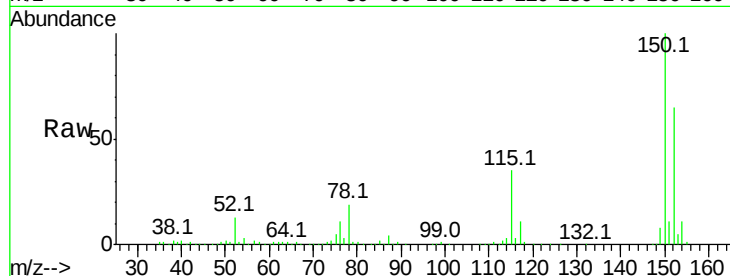
Tot Ion:152 Resp: 308023

Ion Ratio Lower Upper

152 100

150 153.5 124.1 186.1

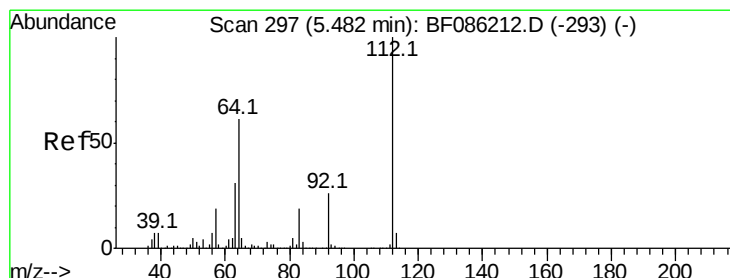
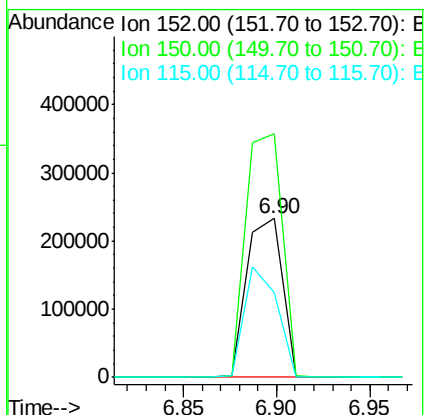
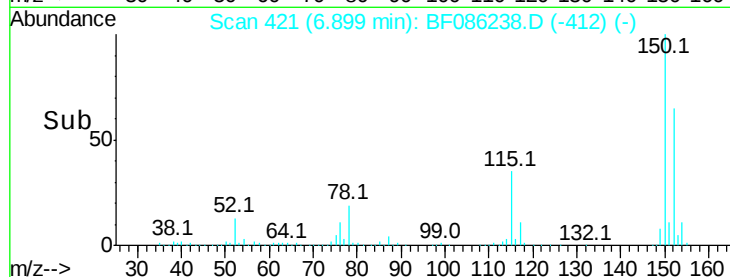
115 53.2 43.9 65.9



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: 72.10 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

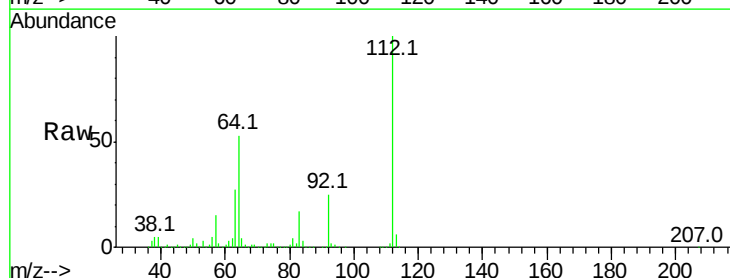
Tgt Ion:112 Resp: 1355397

Ion Ratio Lower Upper

112 100

64 52.9 48.1 72.1

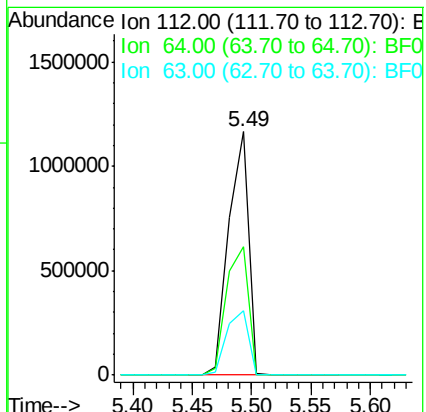
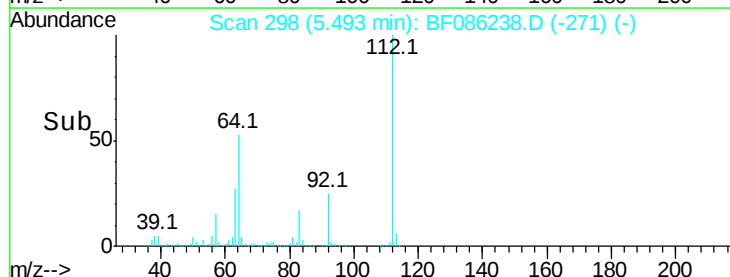
63 26.6 25.5 38.3

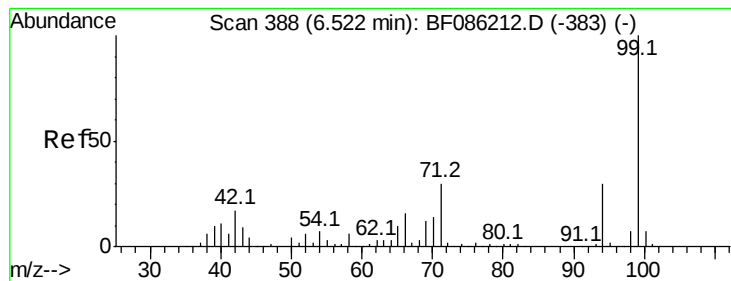


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.77 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

Instrument :

BNA_F

ClientSampleId :

MW-2-4-7-16

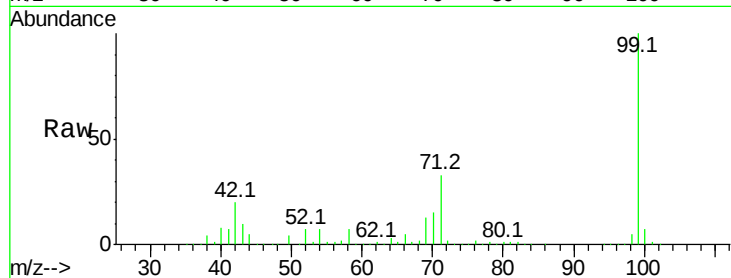
Tot Ion: 99 Resp: 982198

Ion Ratio Lower Upper

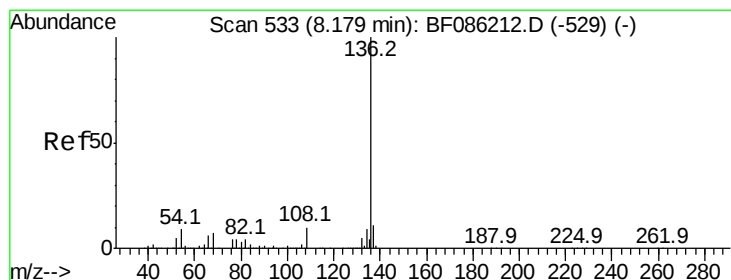
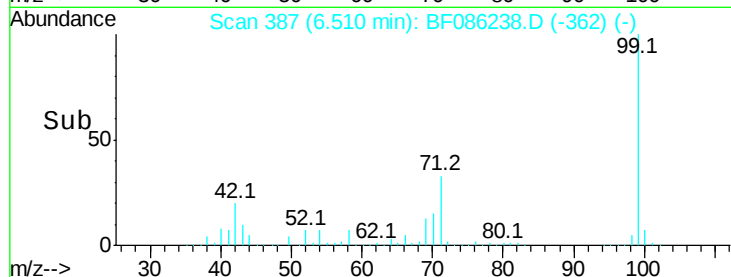
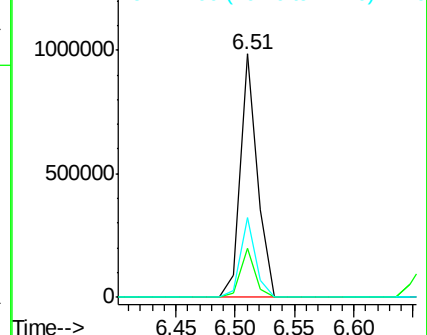
99 100

42 20.3 15.4 23.2

71 33.0 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

Tgt Ion: 136 Resp: 1243378

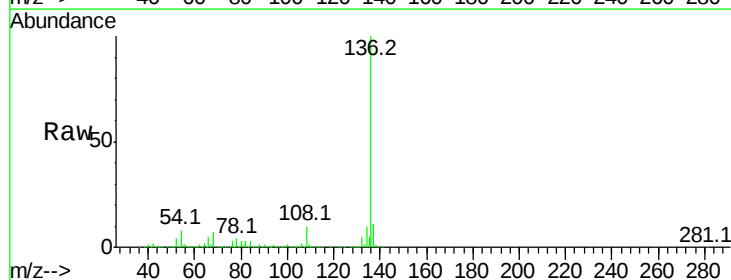
Ion Ratio Lower Upper

136 100

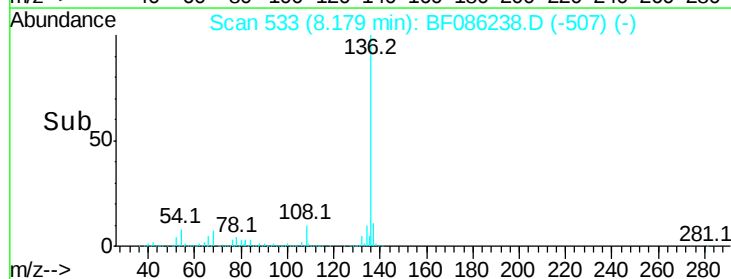
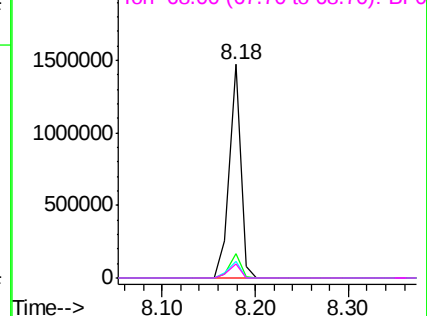
137 11.1 9.1 13.7

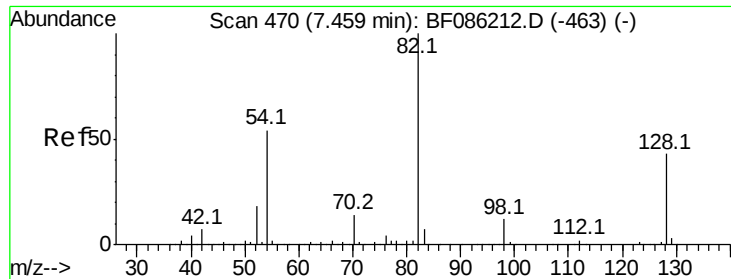
54 8.0 7.3 10.9

68 6.7 5.7 8.5



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



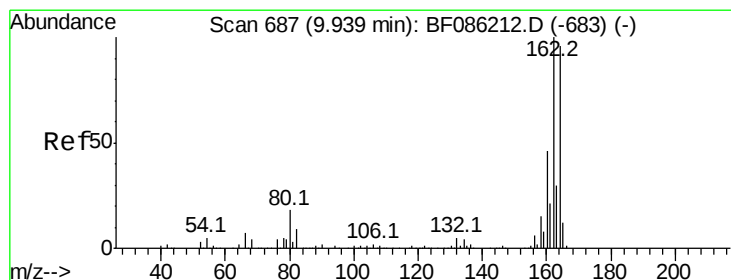
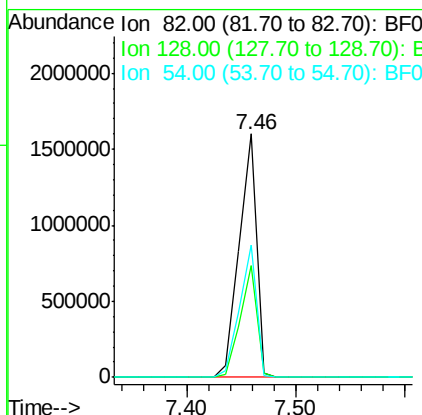
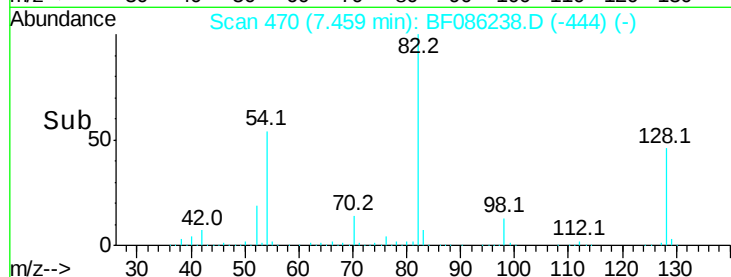
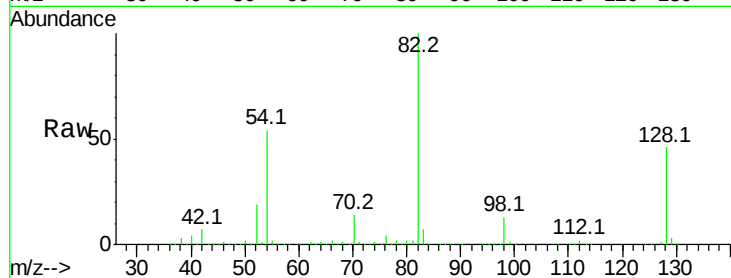


#23
 Nitrobenzene-d5
 Concen: 80.82 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086238.D
 Acq: 16 Apr 2016 2:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-4-7-16

Tot Ion: 82 Resp: 1742373

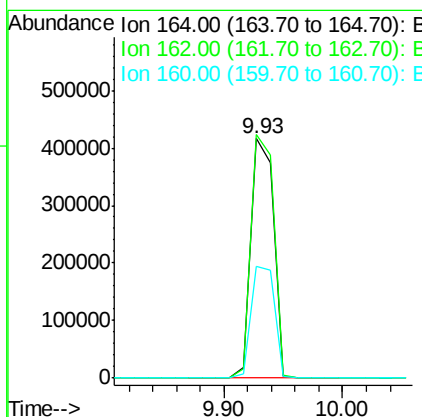
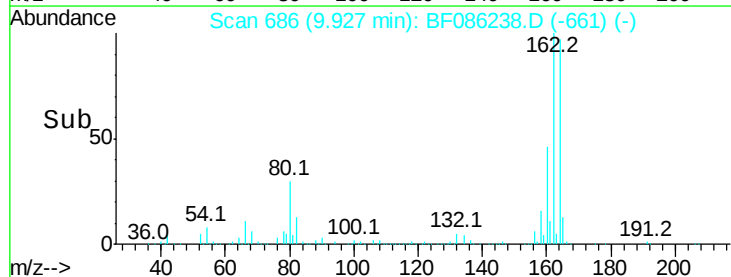
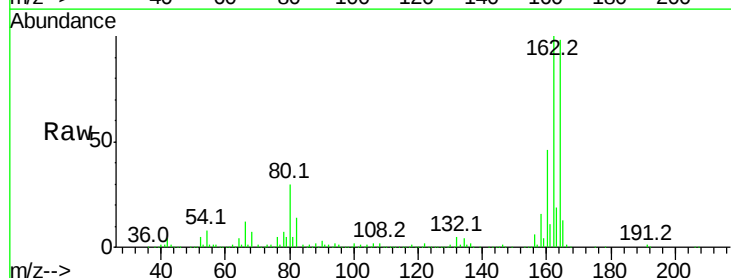
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	54.1	43.4	65.0

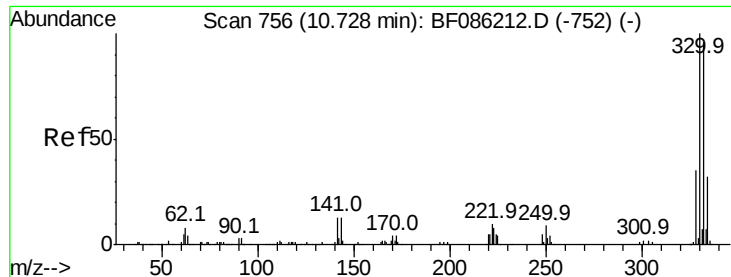


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086238.D
 Acq: 16 Apr 2016 2:19

Tgt Ion:164 Resp: 558630

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.4	38.9	58.3

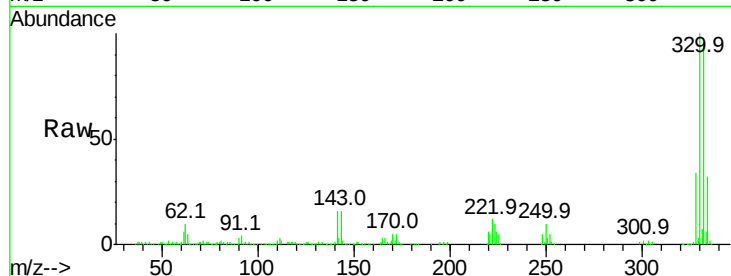




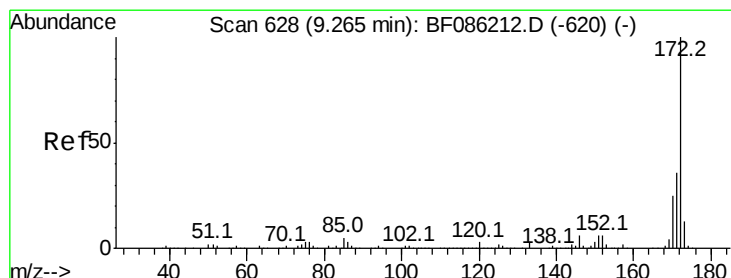
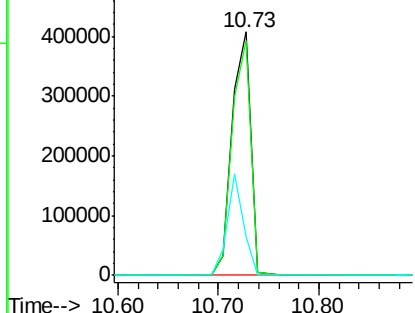
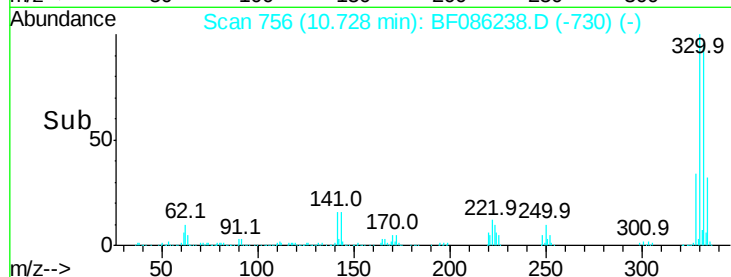
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086238.D
 Acq: 16 Apr 2016 2:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-4-7-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.7	118.1
141	36.9	28.6	42.8

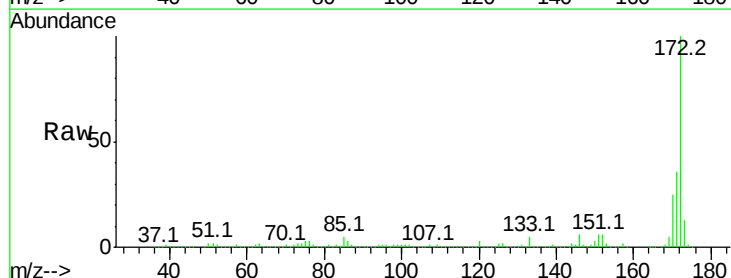


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

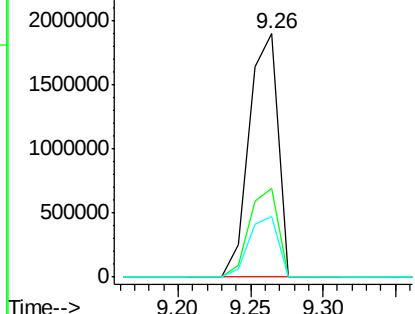
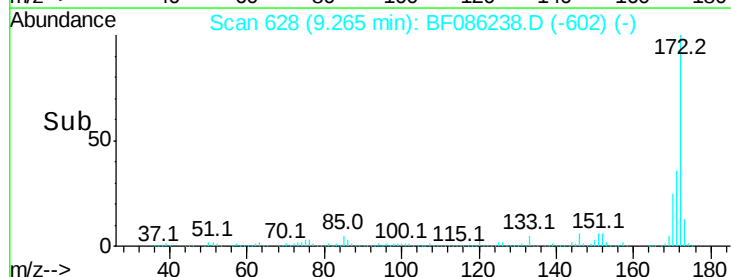


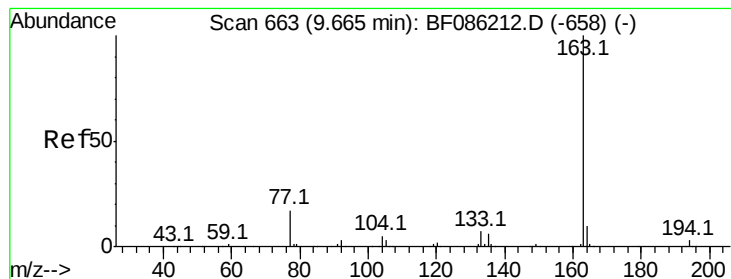
#44
 2-Fluorobiphenyl
 Concen: 85.96 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086238.D
 Acq: 16 Apr 2016 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.9	19.9	29.9



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: 3.44 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

Instrument :

BNA_F

ClientSampleId :

MW-2-4-7-16

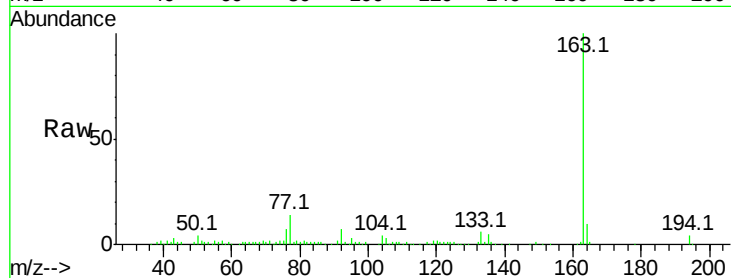
Tot Ion:163 Resp: 139608

Ion Ratio Lower Upper

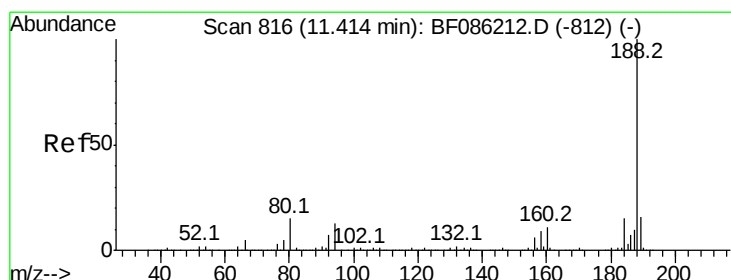
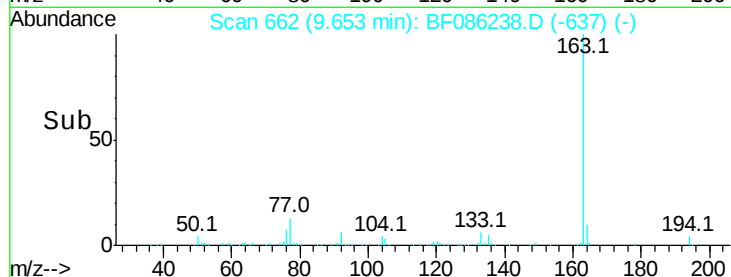
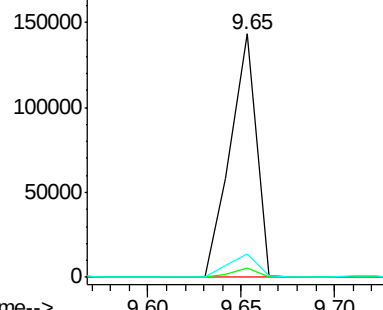
163 100

194 3.6 2.8 4.2

164 9.8 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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

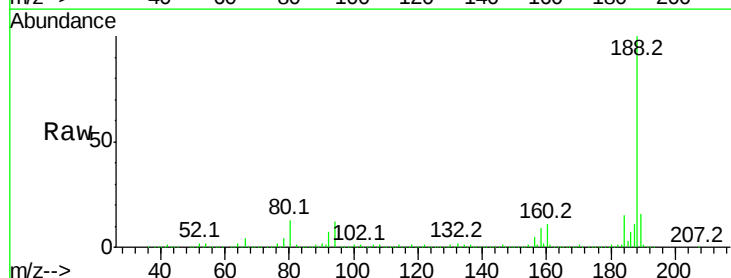
Tgt Ion:188 Resp: 950318

Ion Ratio Lower Upper

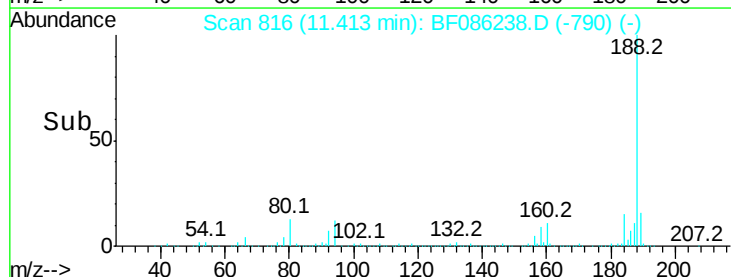
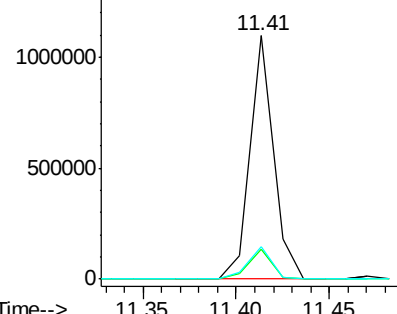
188 100

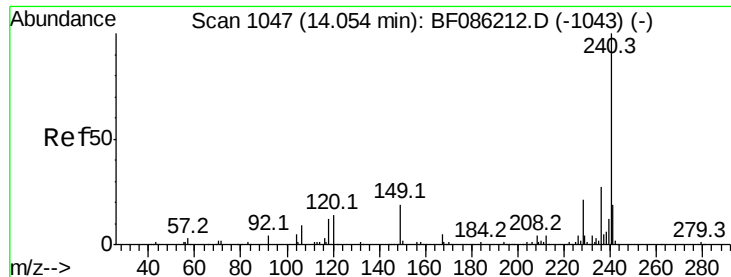
94 12.2 9.8 14.8

80 13.1 10.5 15.7



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: BF086238.D

Acq: 16 Apr 2016 2:19

Instrument :

BNA_F

ClientSampleId :

MW-2-4-7-16

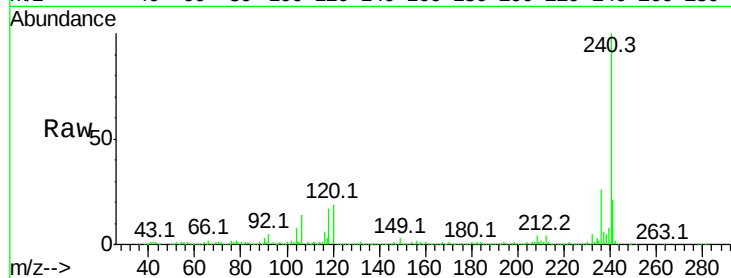
Tot Ion:240 Resp: 644031

Ion Ratio Lower Upper

240 100

120 19.4 9.3 13.9#

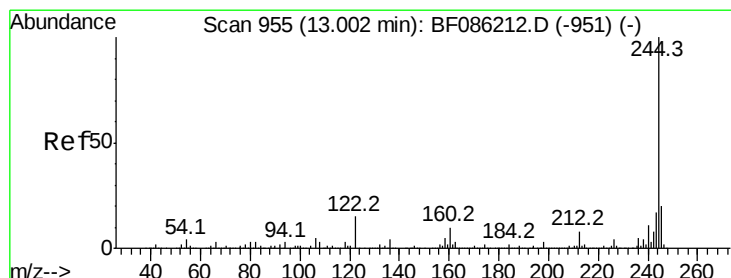
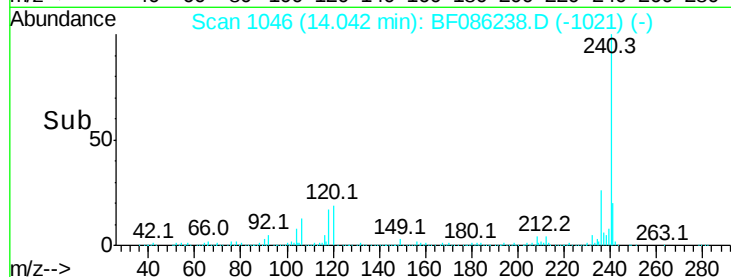
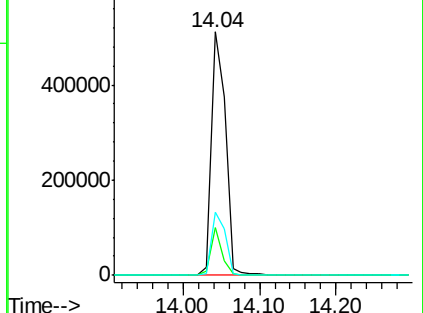
236 26.0 21.1 31.7



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: 69.07 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086238.D

Acq: 16 Apr 2016 2:19

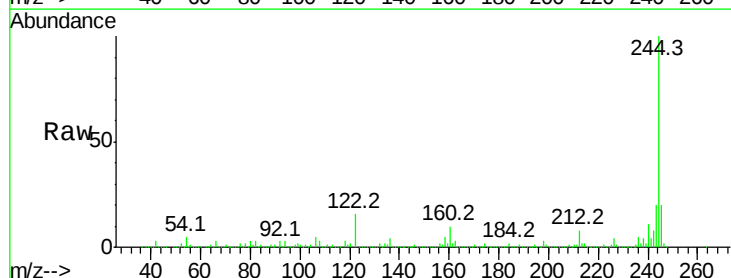
Tgt Ion:244 Resp: 1769053

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

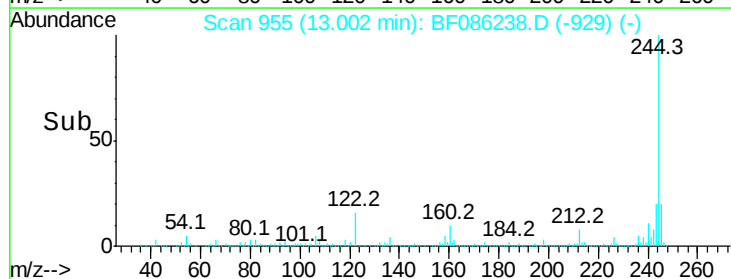
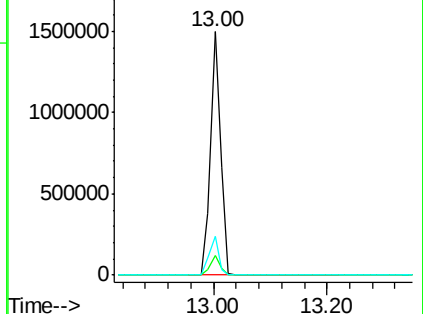
122 16.2 11.7 17.5

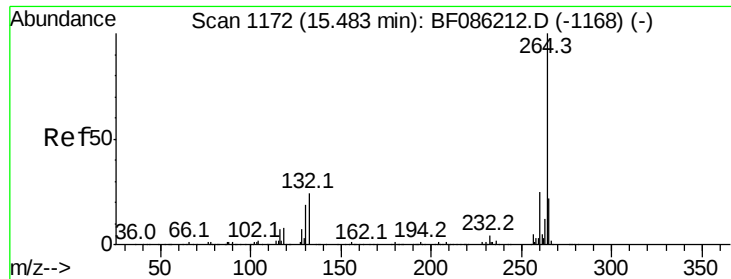


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

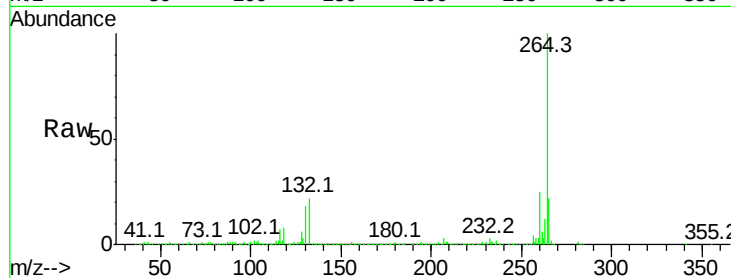




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086238.D
 Acq: 16 Apr 2016 2:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-4-7-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
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

