

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085348.D
 Acq On : 10 Mar 2016 22:23
 Operator : UM/SJ
 Sample : H1744-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 11 00:55:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 00:01:03 2016
 Response via : Initial Calibration

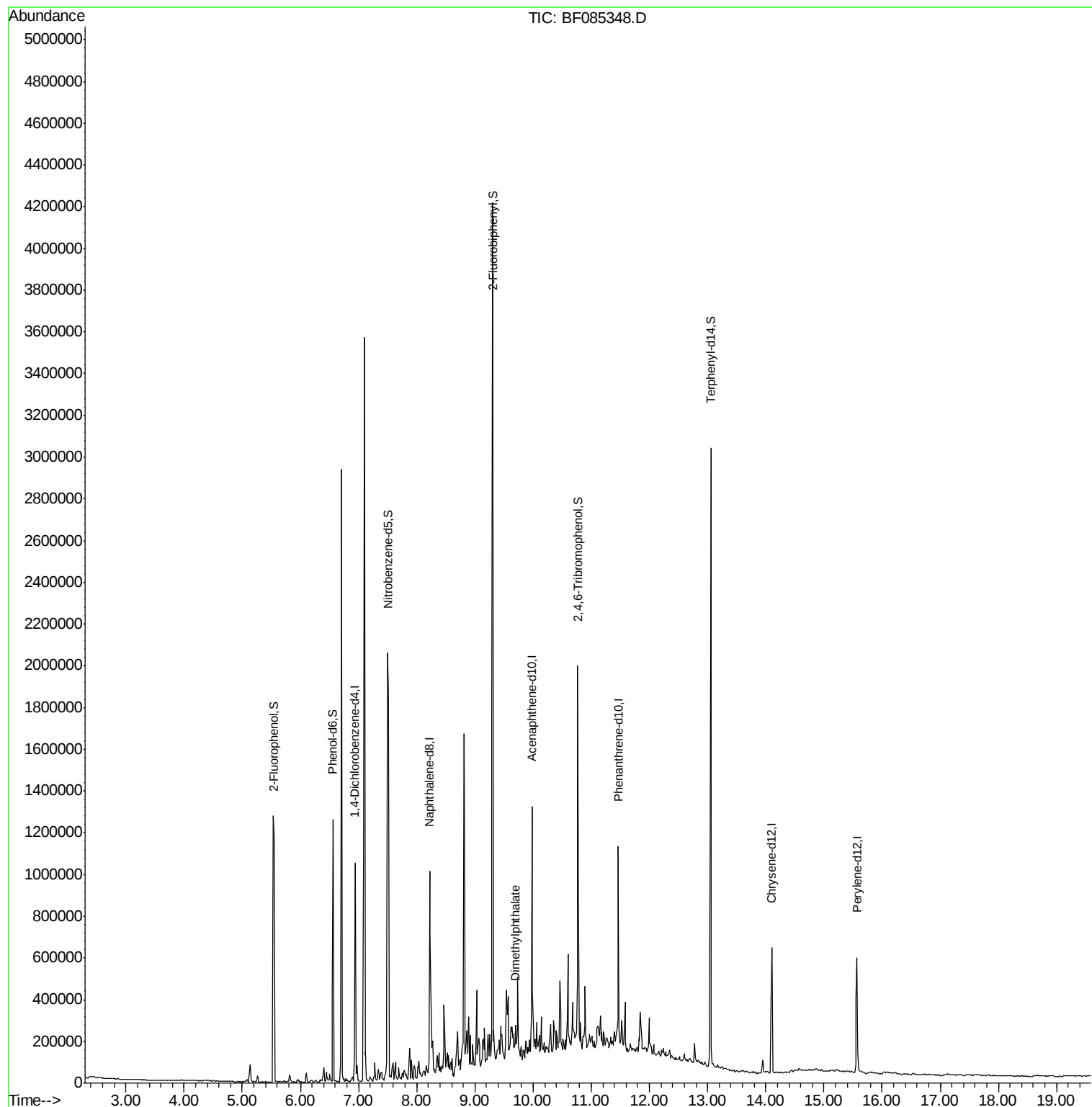
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	140948	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	540452	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	198193	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	316160	20.00	ng	0.00
75) Chrysene-d12	14.11	240	243075	20.00	ng	0.00
86) Perylene-d12	15.57	264	256131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	551266	65.60	ng	0.01
7) Phenol-d6	6.56	99	461372	41.91	ng	0.00
23) Nitrobenzene-d5	7.50	82	1023721	101.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	272410	160.63	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1372022	105.28	ng	0.00
78) Terphenyl-d14	13.05	244	982374	93.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	46219	3.04	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

MW-2

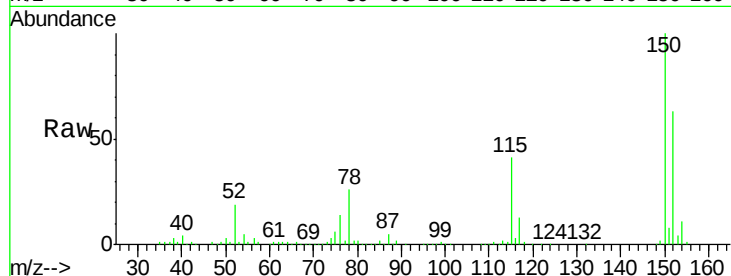
Tgt Ion:152 Resp: 140948

Ion Ratio Lower Upper

152 100

150 158.6 124.6 186.8

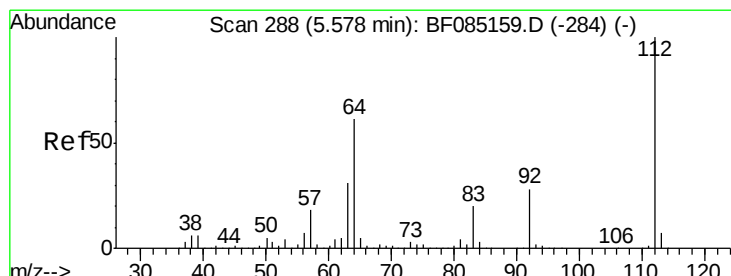
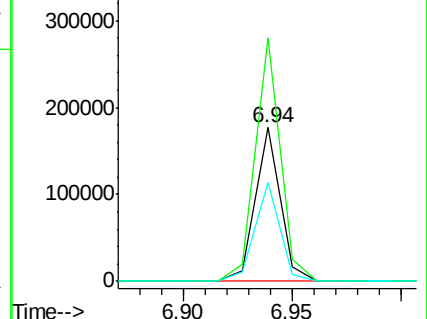
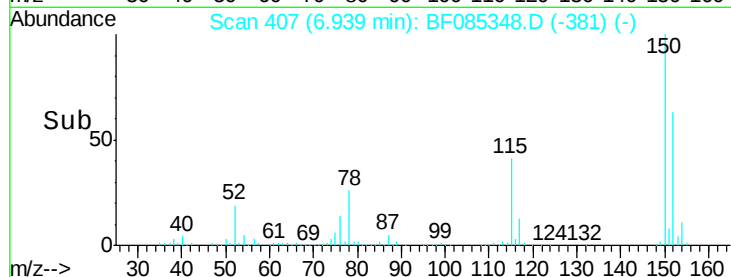
115 64.8 46.6 70.0



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: 65.60 ng

RT: 5.54 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

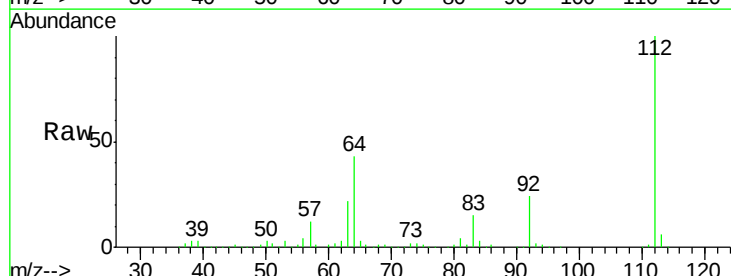
Tgt Ion:112 Resp: 551266

Ion Ratio Lower Upper

112 100

64 43.1 49.0 73.4#

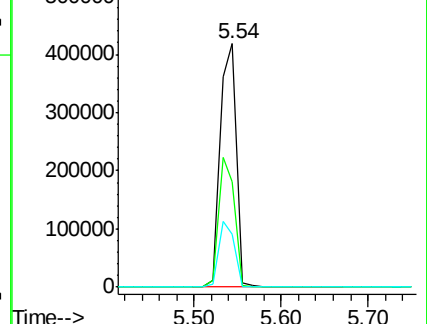
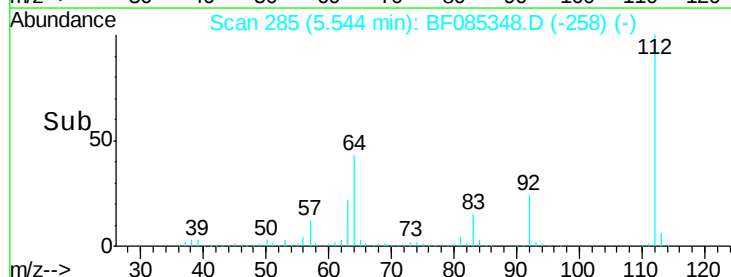
63 21.5 24.8 37.2#

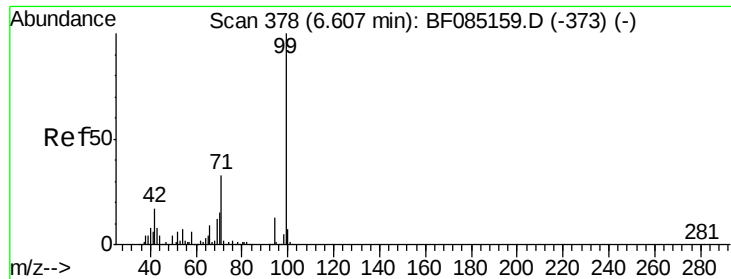


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.91 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

MW-2

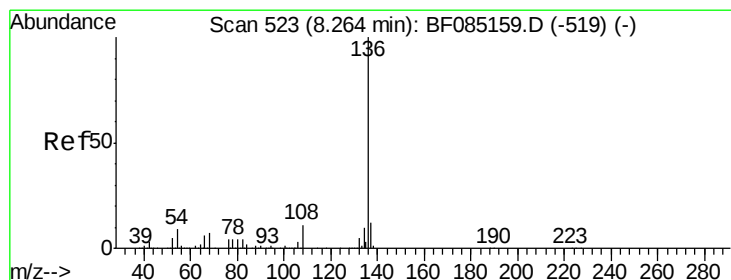
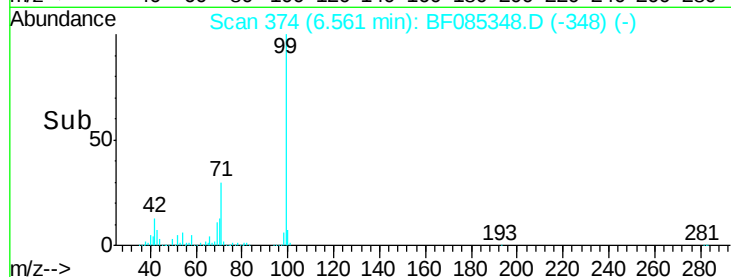
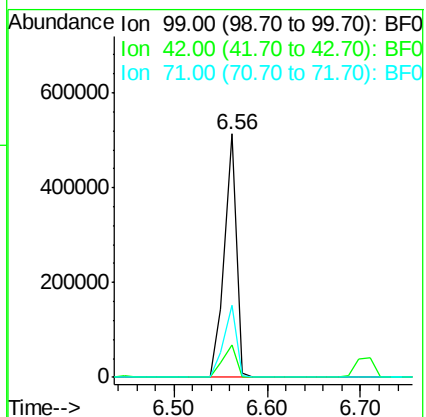
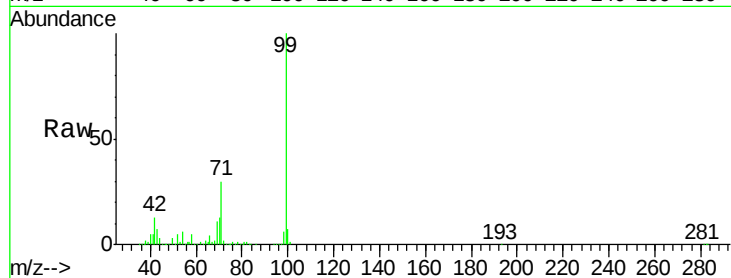
Tgt Ion: 99 Resp: 461372

Ion Ratio Lower Upper

99 100

42 13.2 13.6 20.4#

71 29.8 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Tgt Ion: 136 Resp: 540452

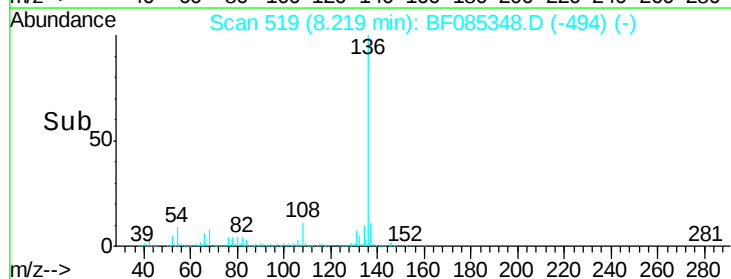
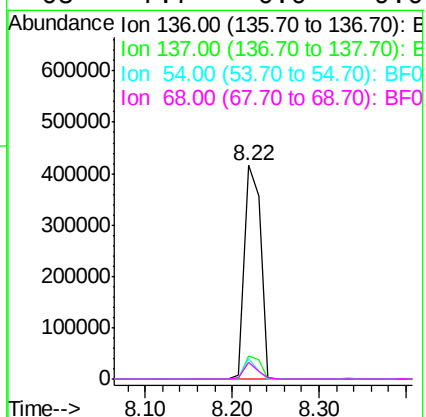
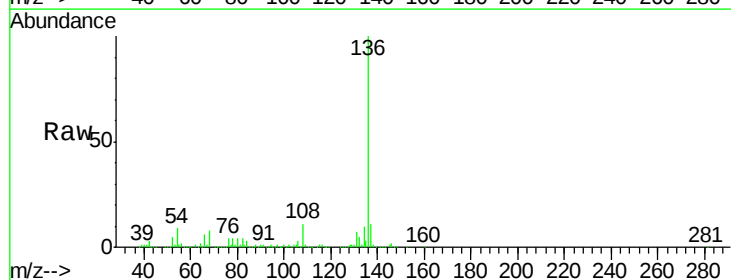
Ion Ratio Lower Upper

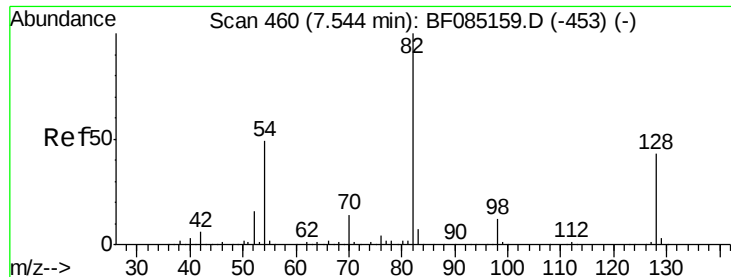
136 100

137 11.1 9.3 13.9

54 9.4 7.4 11.2

68 7.7 6.0 9.0

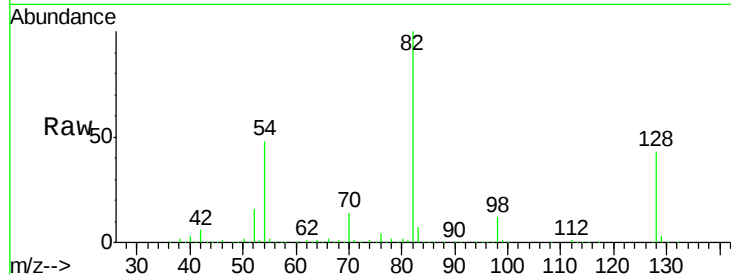




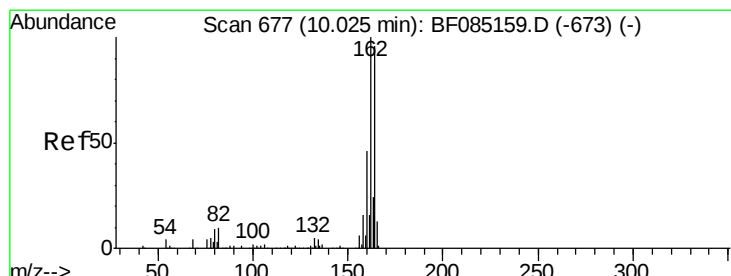
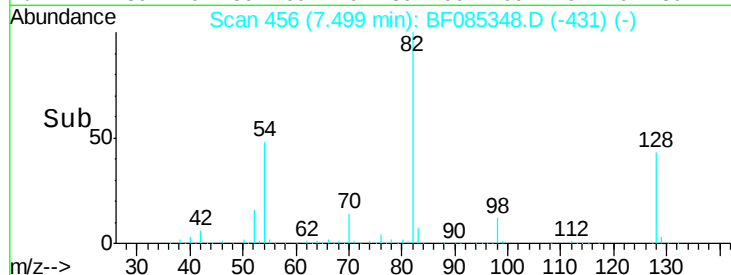
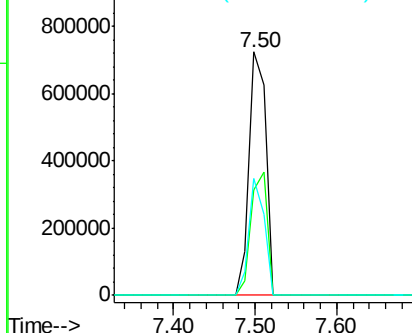
#23
 Nitrobenzene-d5
 Concen: 101.36 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085348.D
 Acq: 10 Mar 2016 22:23

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tgt Ion: 82 Resp: 1023721
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.5 51.7
 54 48.0 39.3 58.9

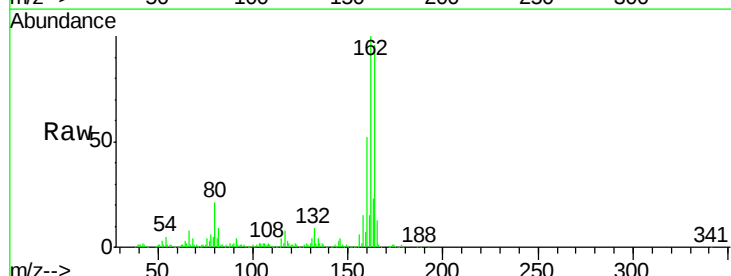


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

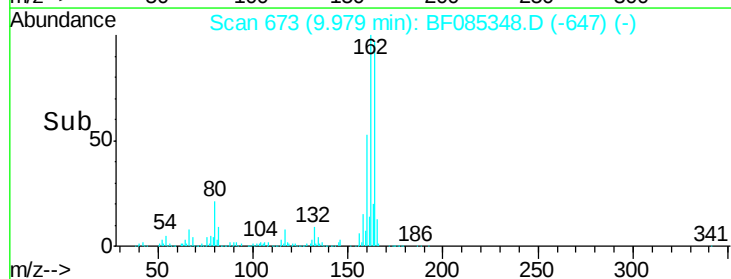
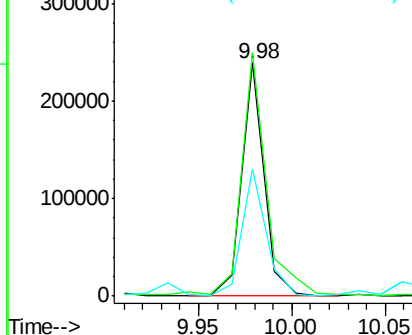


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085348.D
 Acq: 10 Mar 2016 22:23

Tgt Ion: 164 Resp: 198193
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.3 124.9
 160 54.5 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

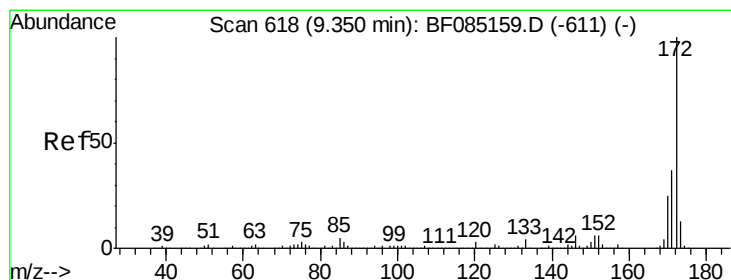
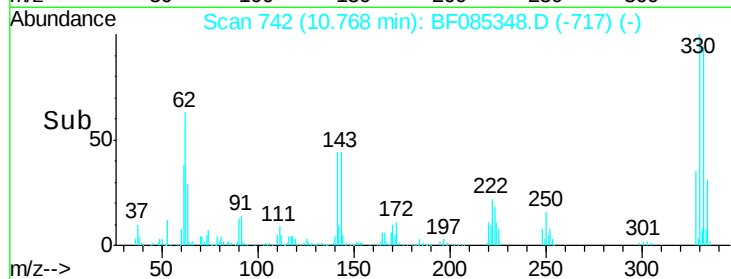
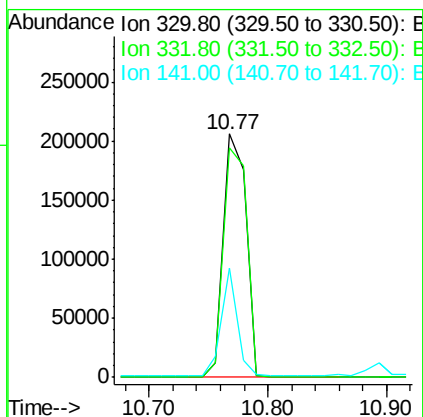
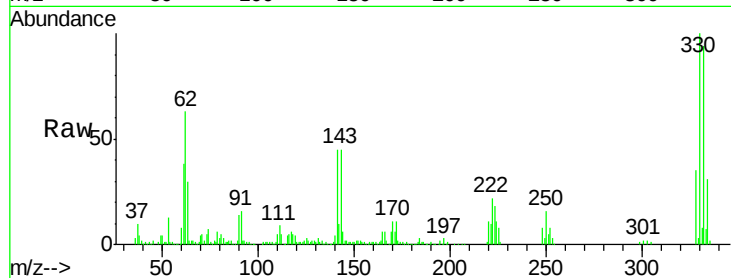




#41
 2,4,6-Tribromophenol
 Concen: 160.63 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085348.D
 Acq: 10 Mar 2016 22:23

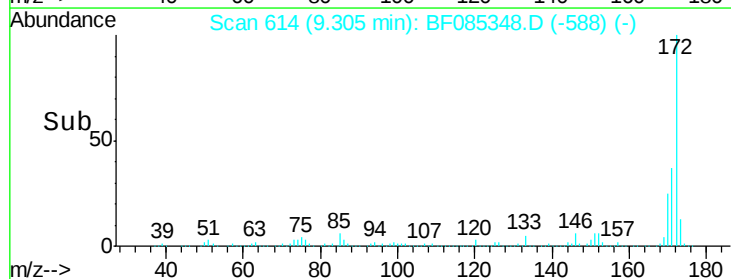
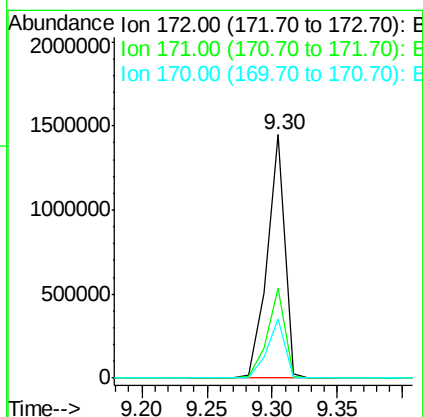
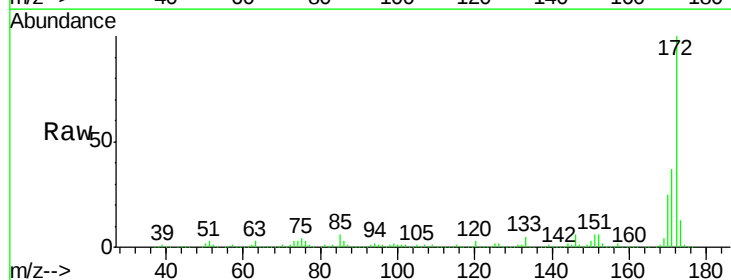
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

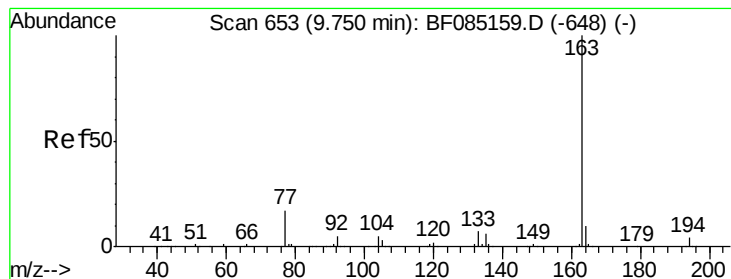
Tgt Ion:330 Resp: 272410
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 32.0 35.0 52.6#



#44
 2-Fluorobiphenyl
 Concen: 105.28 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085348.D
 Acq: 10 Mar 2016 22:23

Tgt Ion:172 Resp: 1372022
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.5 20.0 30.0





#49

Dimethylphthalate

Concen: 3.04 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

MW-2

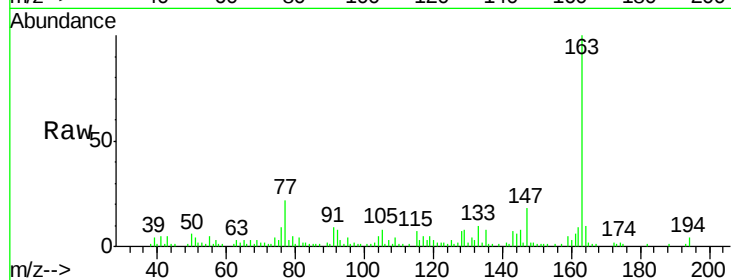
Tgt Ion:163 Resp: 46219

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

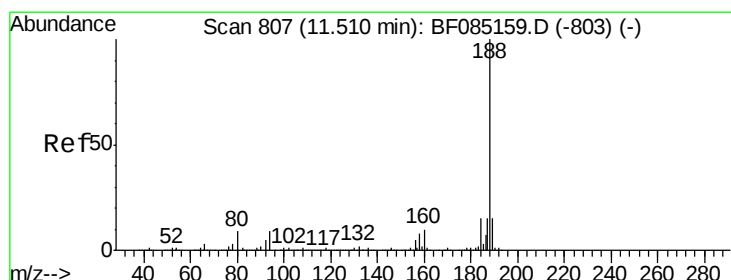
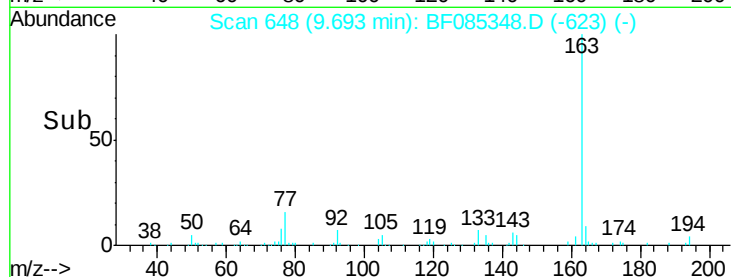
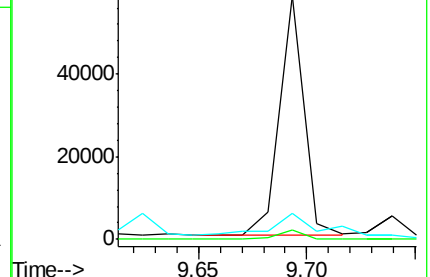
164 10.5 8.2 12.4



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: 11.46 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

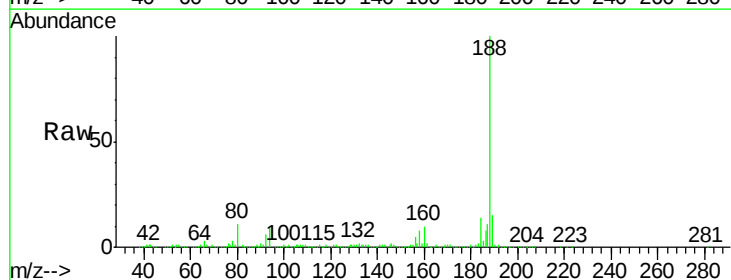
Tgt Ion:188 Resp: 316160

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

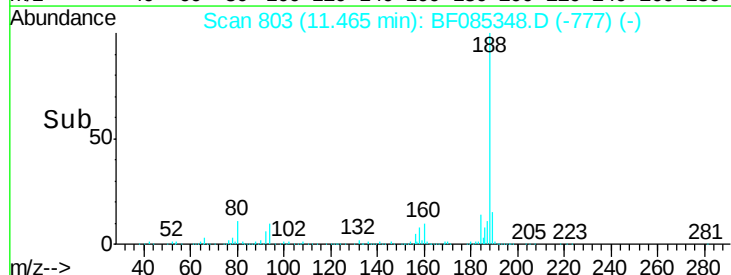
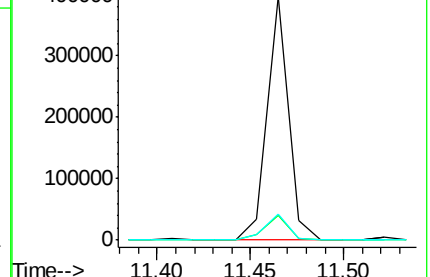
80 10.7 7.4 11.0

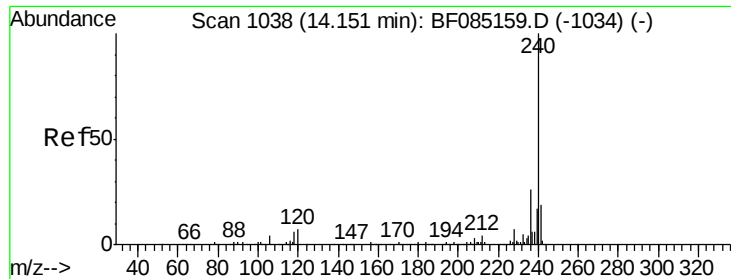


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

MW-2

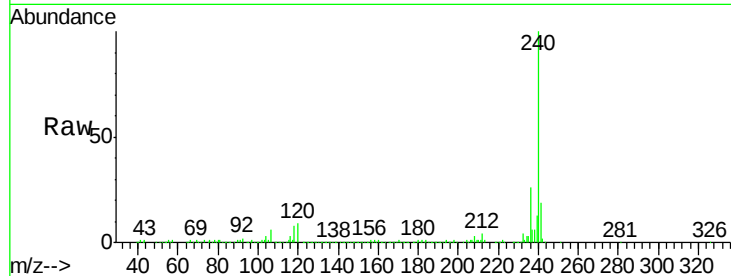
Tgt Ion:240 Resp: 243075

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

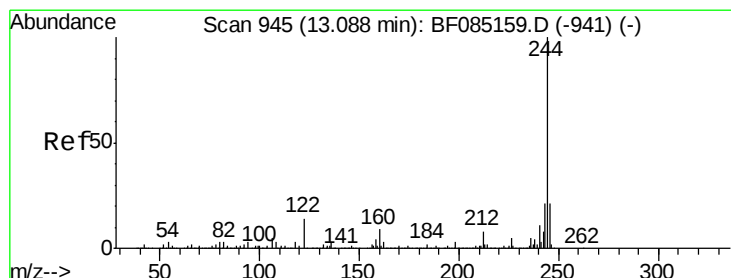
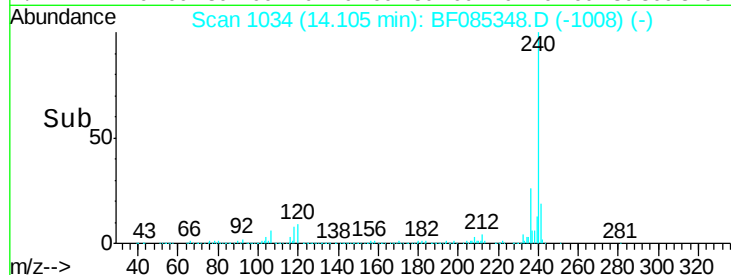
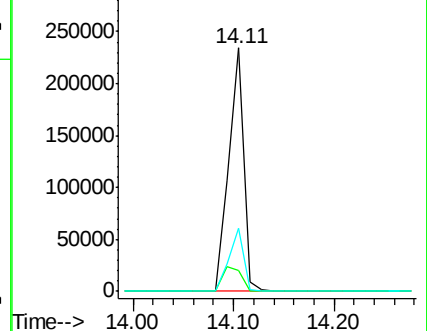
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 93.82 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

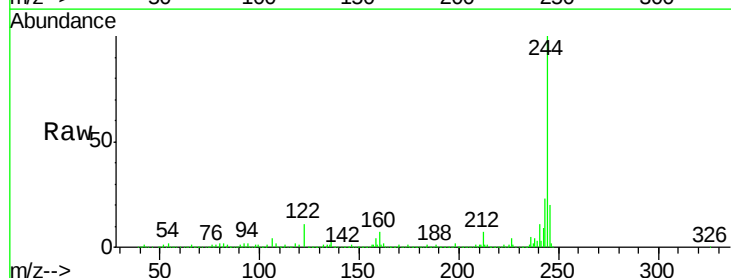
Tgt Ion:244 Resp: 982374

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

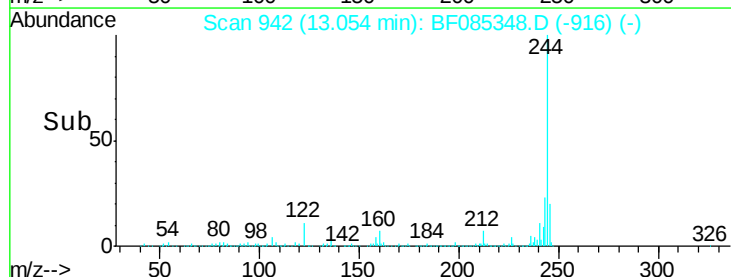
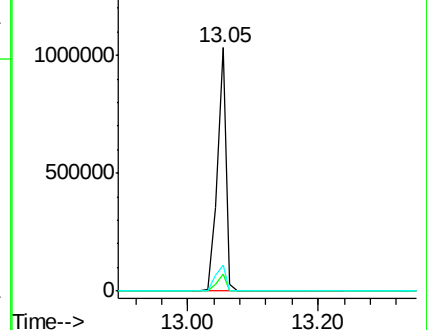
122 10.7 11.4 17.2#

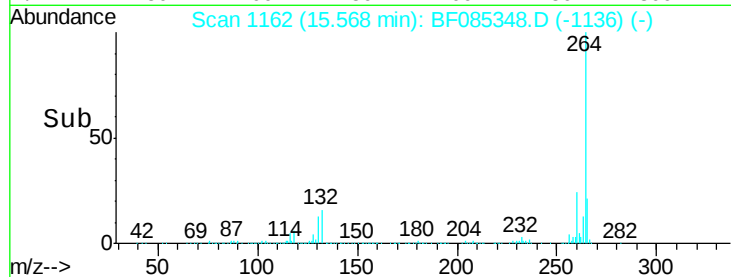
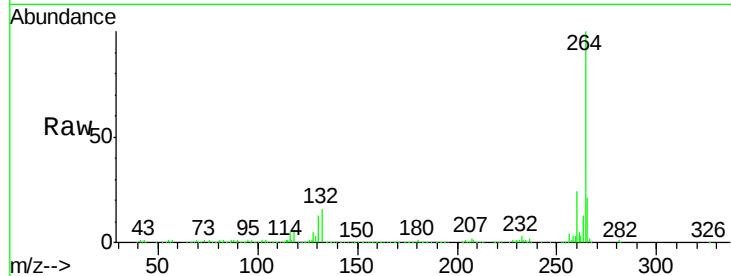
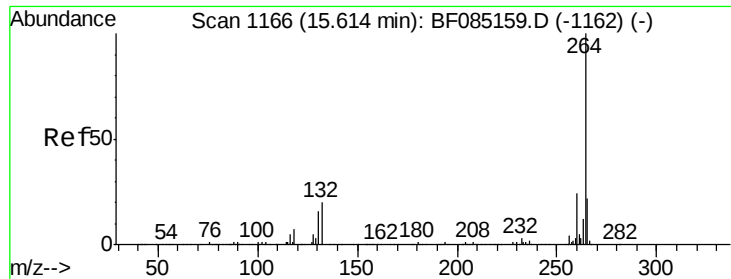


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion: 264 Resp: 256131

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.3 25.9

