

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085263.D
 Acq On : 8 Mar 2016 18:48
 Operator : UM/SJ
 Sample : H1707-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Quant Time: Mar 09 00:52:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

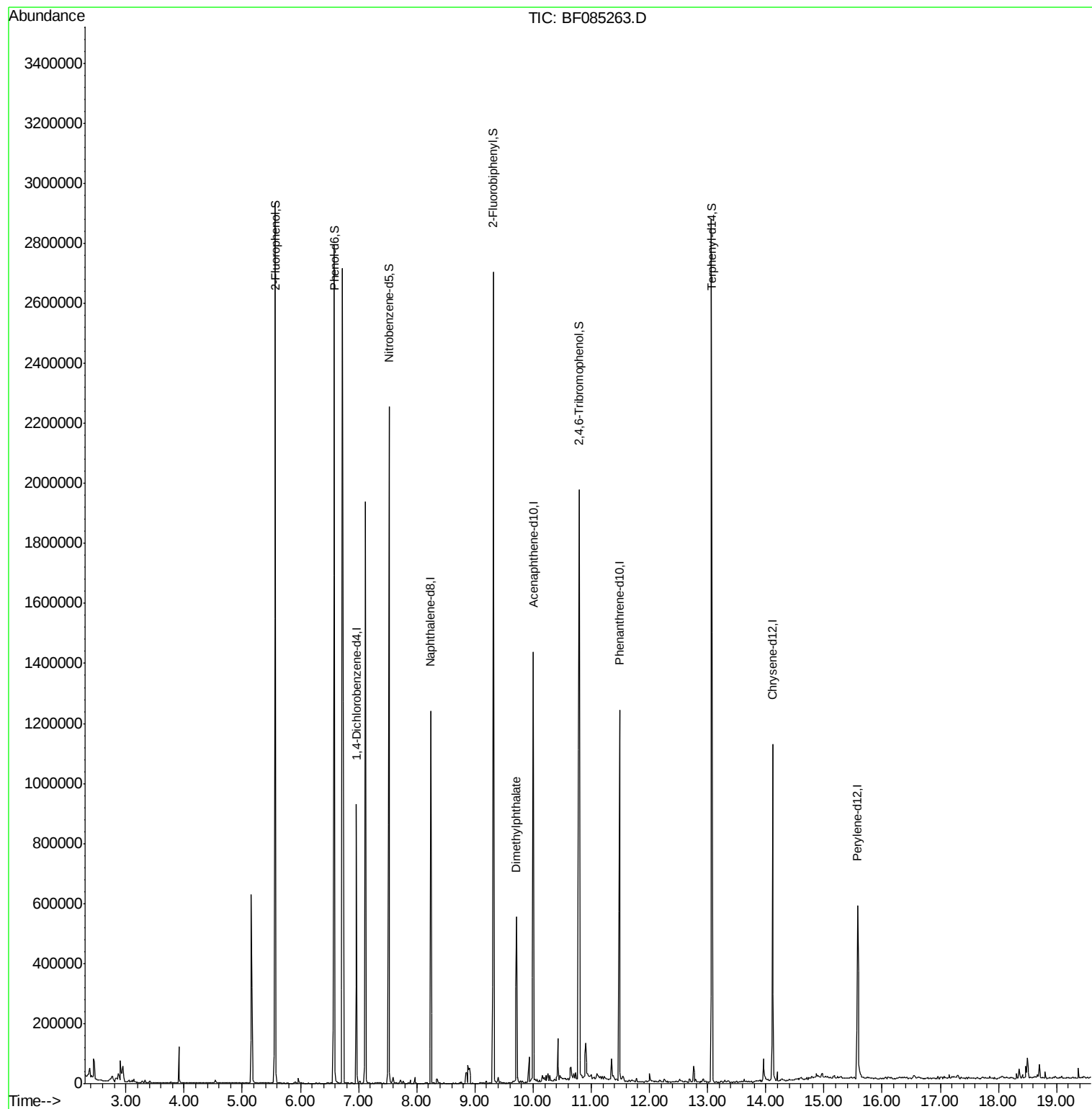
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147862	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540552	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	270537	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	499753	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	367000	20.00	ng	-0.03
86) Perylene-d12	15.58	264	272185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	957746	108.65	ng	-0.01
7) Phenol-d6	6.58	99	1236467	107.06	ng	-0.02
23) Nitrobenzene-d5	7.52	82	776579	76.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	268324	115.91	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1162827	65.37	ng	-0.03
78) Terphenyl-d14	13.06	244	1041677	65.89	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.72	163	279429	13.46	ng	Qvalue 98

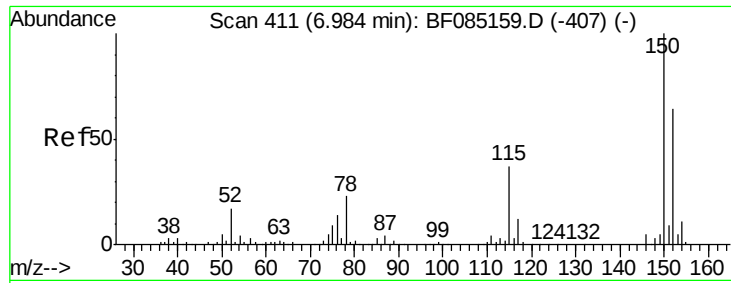
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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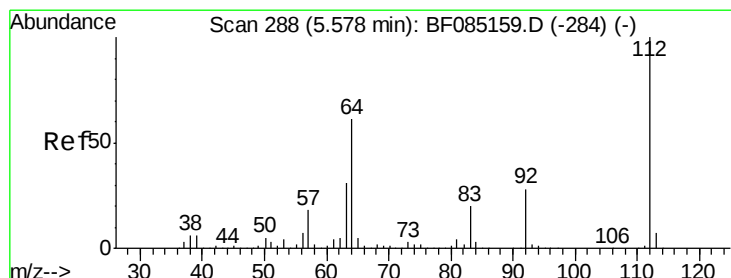
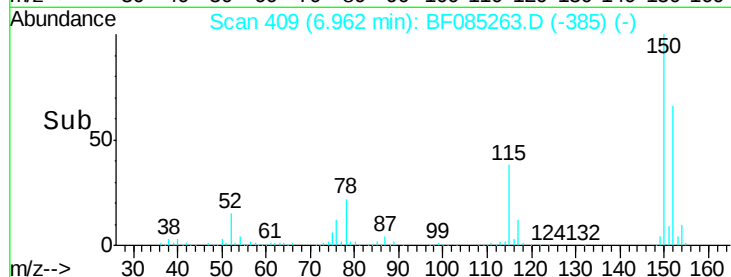
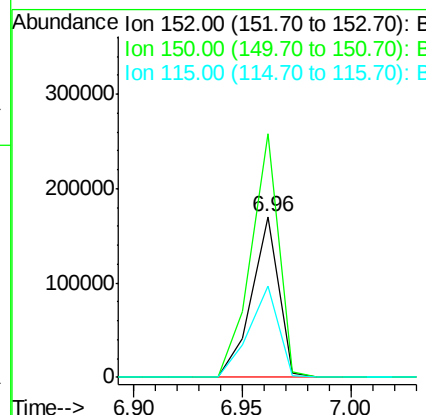
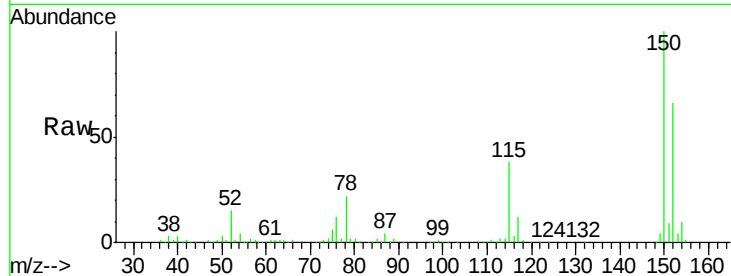




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

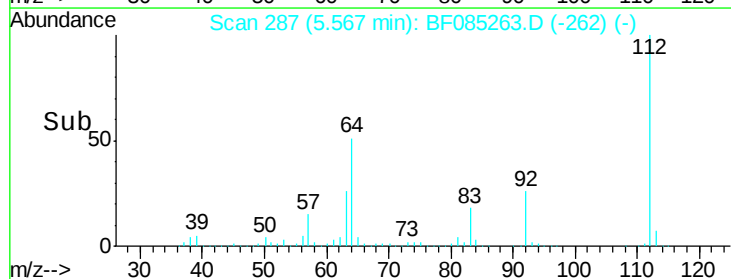
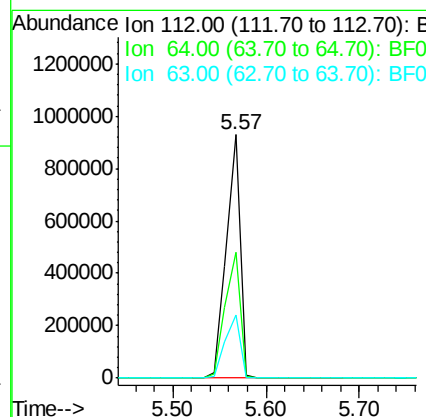
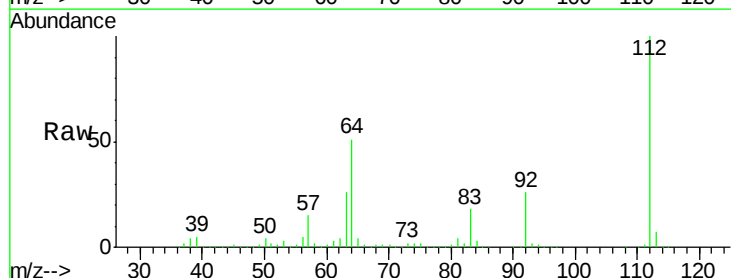
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

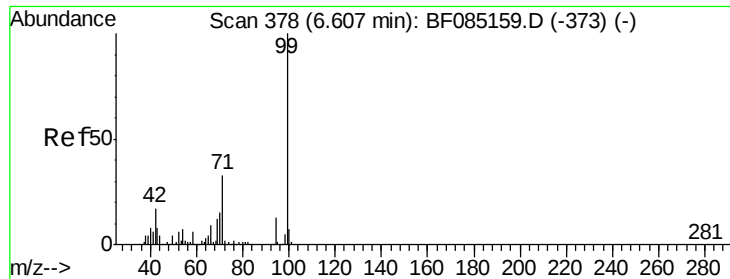
Tgt Ion:152 Resp: 147862
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.6 186.8
 115 56.9 46.6 70.0



#5
 2-Fluorophenol
 Concen: 108.65 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

Tgt Ion:112 Resp: 957746
 Ion Ratio Lower Upper
 112 100
 64 51.5 49.0 73.4
 63 26.1 24.8 37.2





#7

Phenol-d6

Concen: 107.06 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

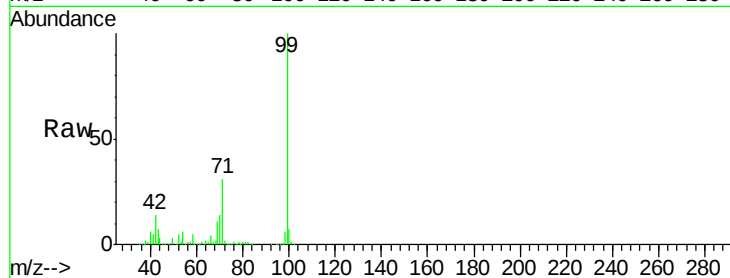
Tgt Ion: 99 Resp: 1236467

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

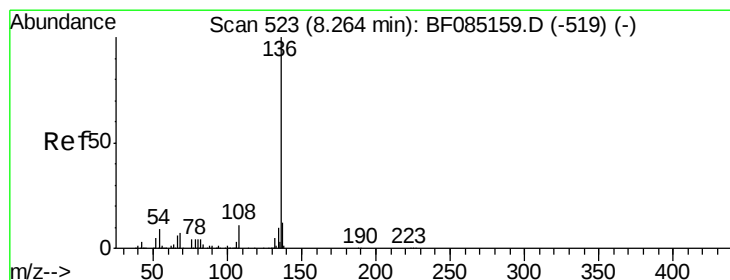
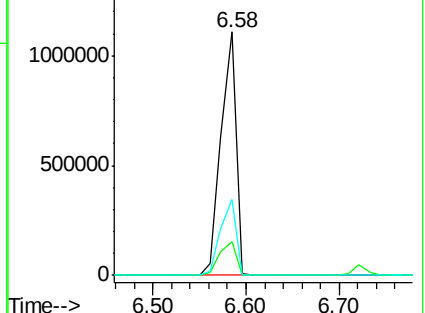
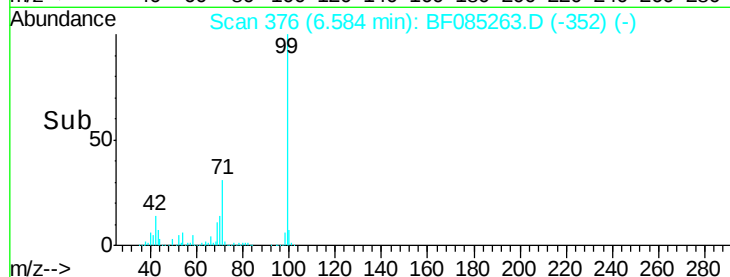
71 31.0 26.7 40.1



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: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Tgt Ion: 136 Resp: 540552

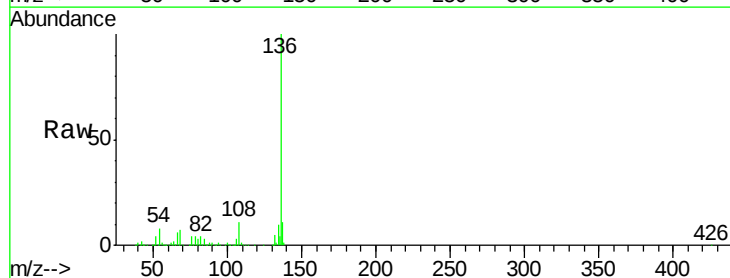
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.2 7.4 11.2

68 6.9 6.0 9.0

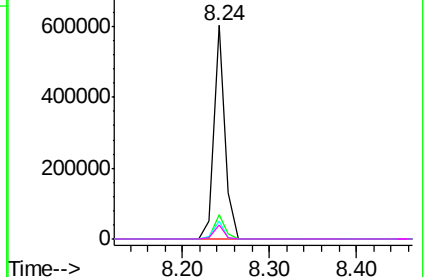
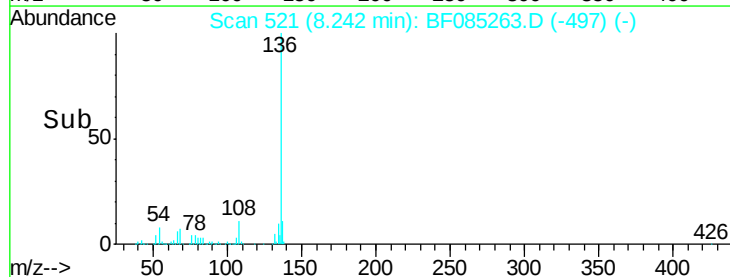


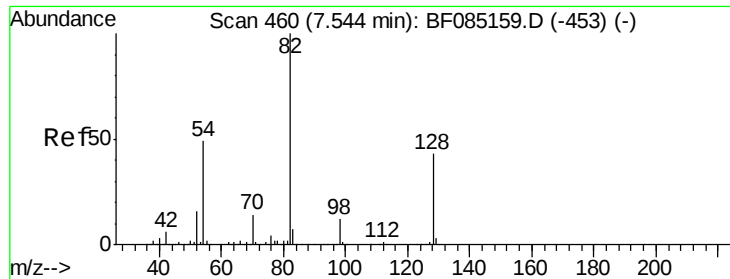
Abundance Ion 136.00 (135.70 to 136.70): E

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

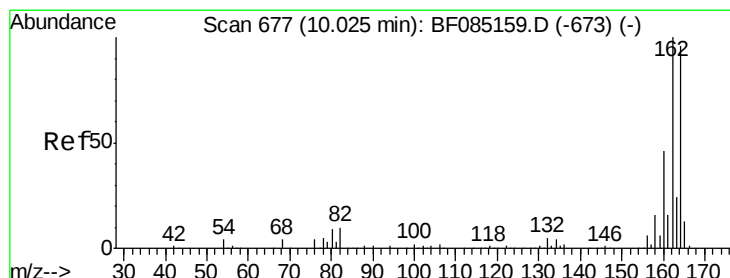
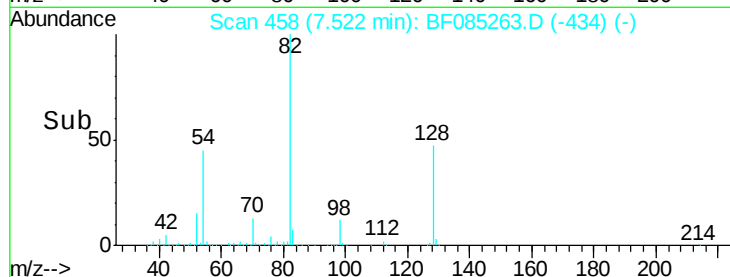
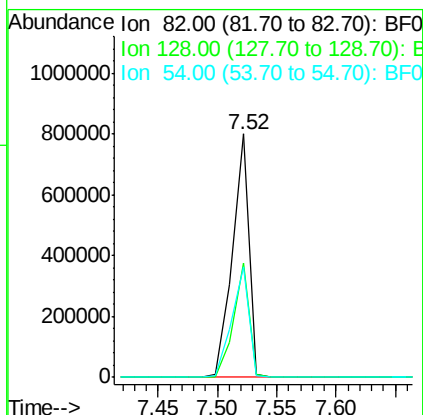
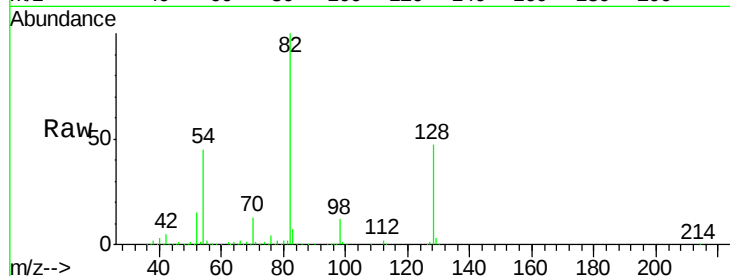




#23
 Nitrobenzene-d5
 Concen: 76.88 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

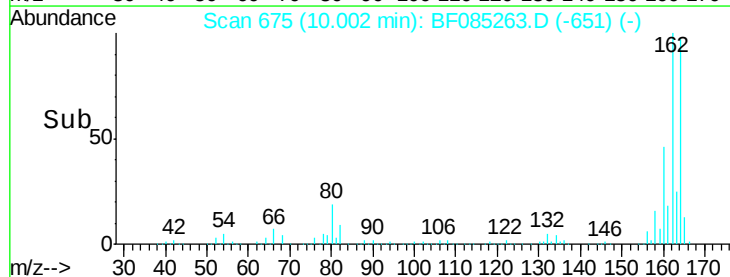
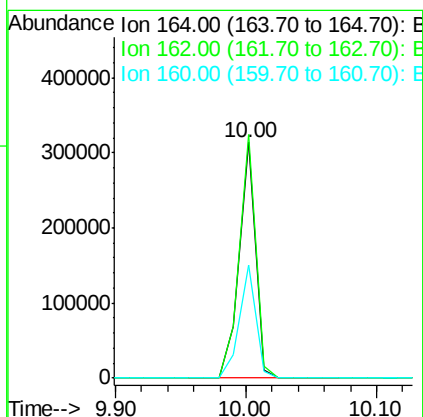
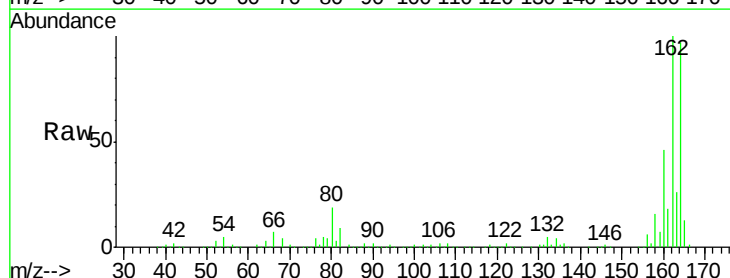
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

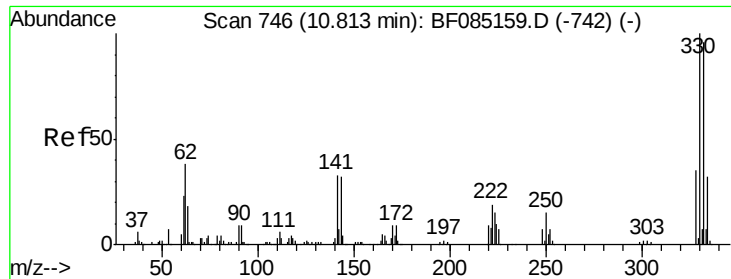
Tgt Ion: 82 Resp: 776579
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.5 51.7
 54 45.1 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

Tgt Ion: 164 Resp: 270537
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.3 124.9
 160 47.7 37.9 56.9

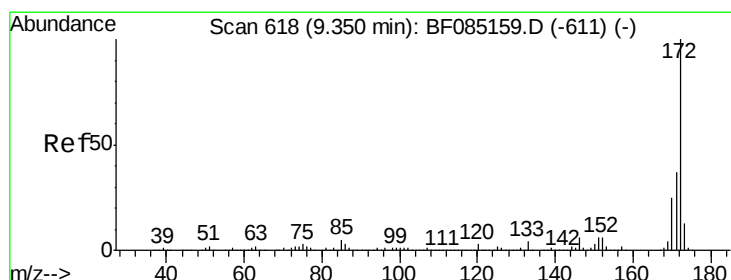
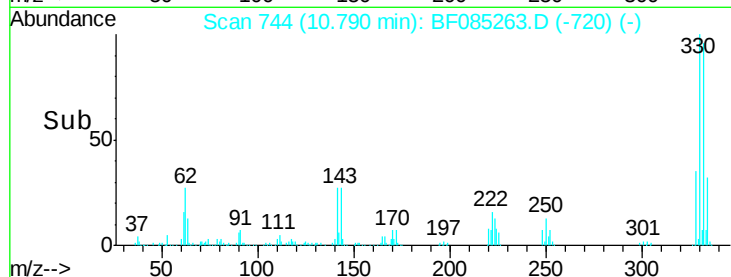
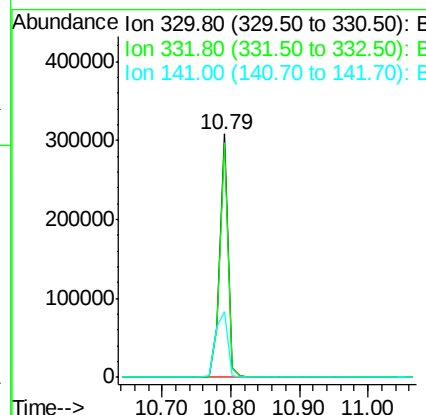
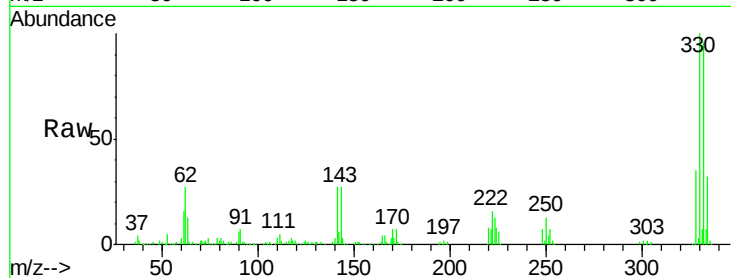




#41
 2,4,6-Tribromophenol
 Concen: 115.91 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

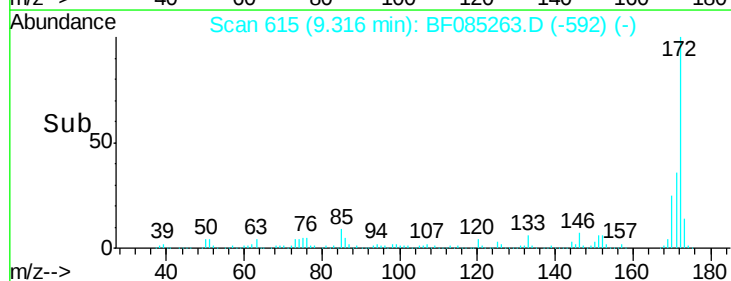
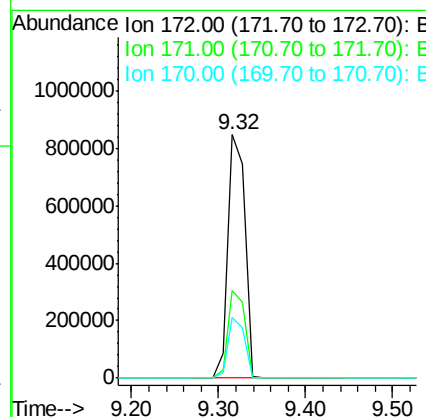
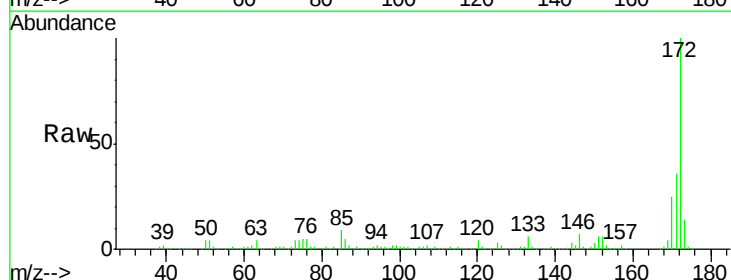
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

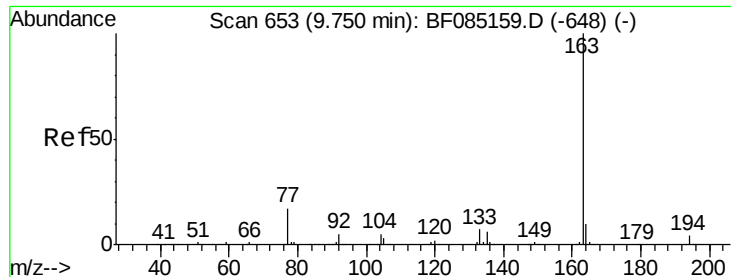
Tgt Ion:330 Resp: 268324
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 39.4 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 65.37 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085263.D
 Acq: 8 Mar 2016 18:48

Tgt Ion:172 Resp: 1162827
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.6 20.0 30.0





#49

Dimethylphthalate

Concen: 13.46 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

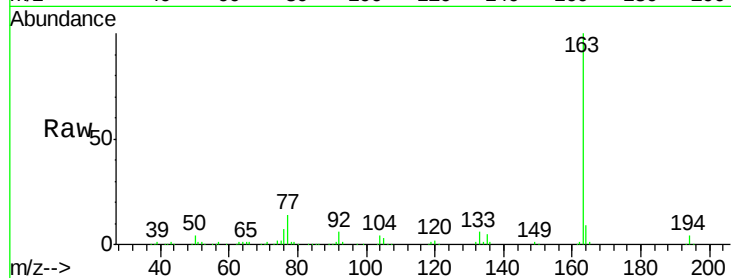
Tgt Ion:163 Resp: 279429

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

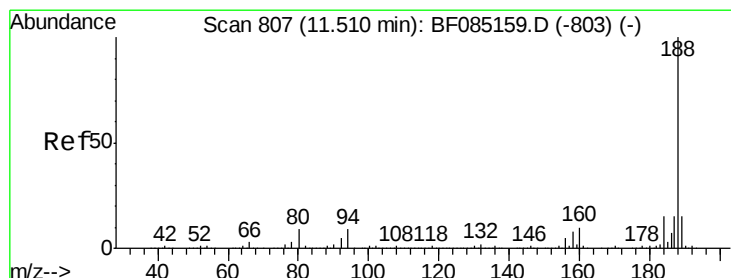
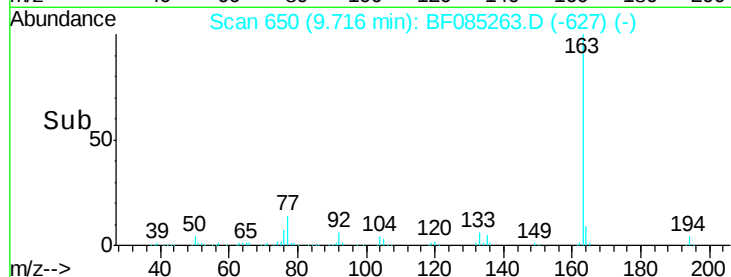
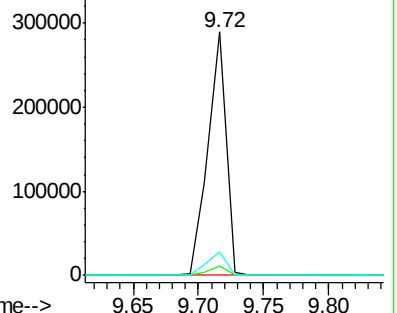
164 9.4 8.2 12.4



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: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

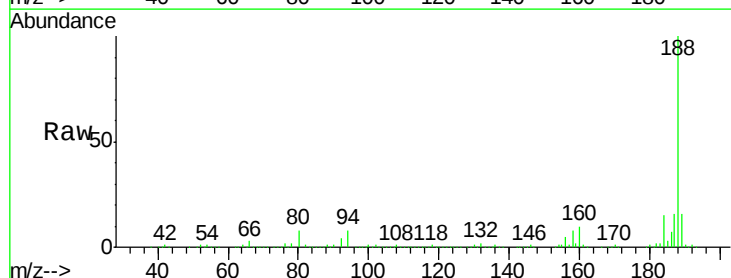
Tgt Ion:188 Resp: 499753

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

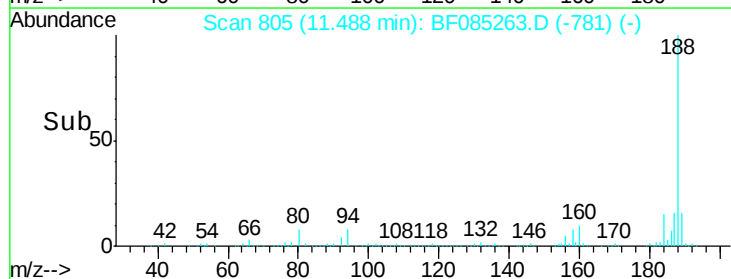
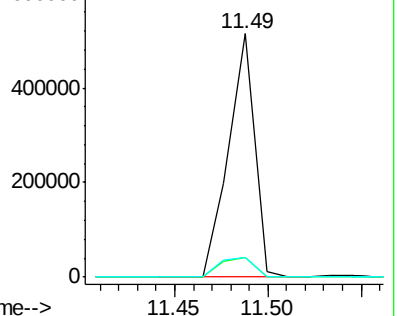
80 8.2 7.4 11.0

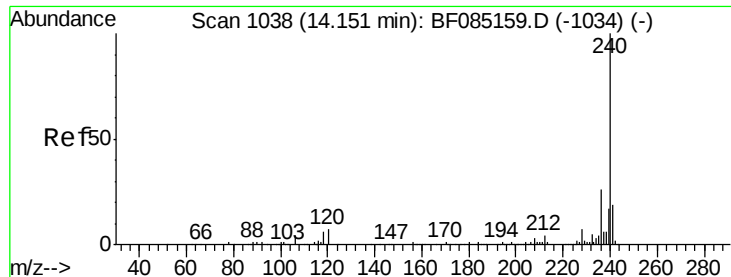


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

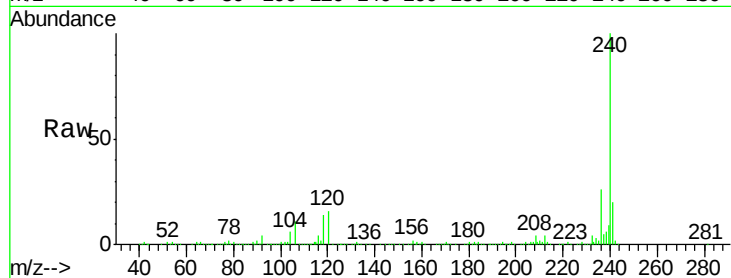
Tgt Ion:240 Resp: 367000

Ion Ratio Lower Upper

240 100

120 15.8 5.3 7.9#

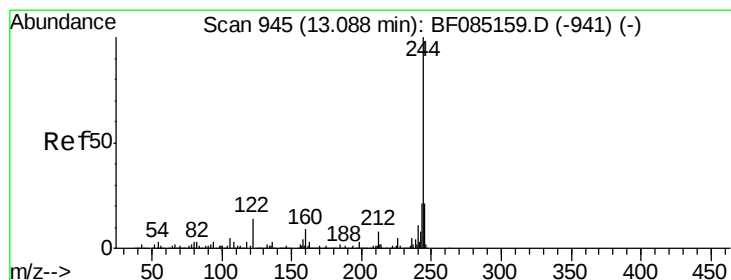
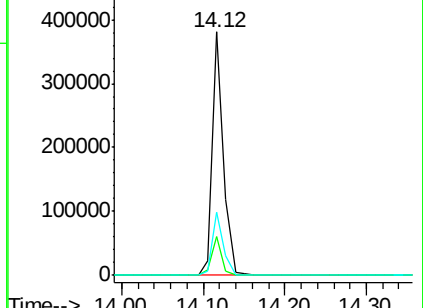
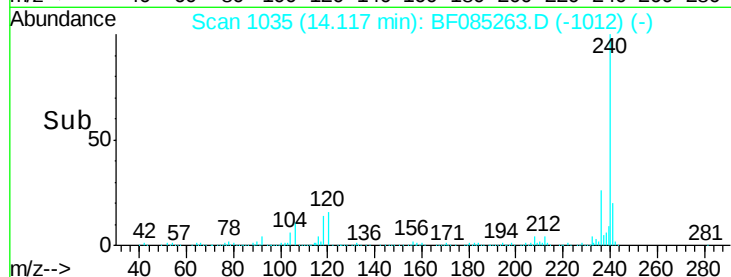
236 26.1 20.7 31.1



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: 65.89 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

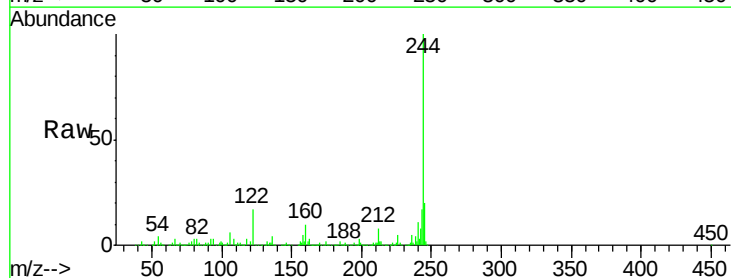
Tgt Ion:244 Resp: 1041677

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

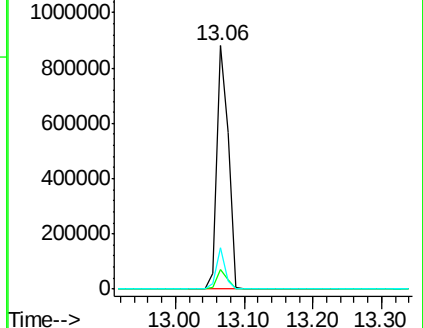
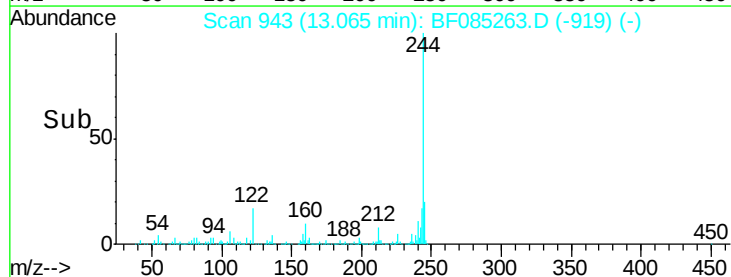
122 16.9 11.4 17.2

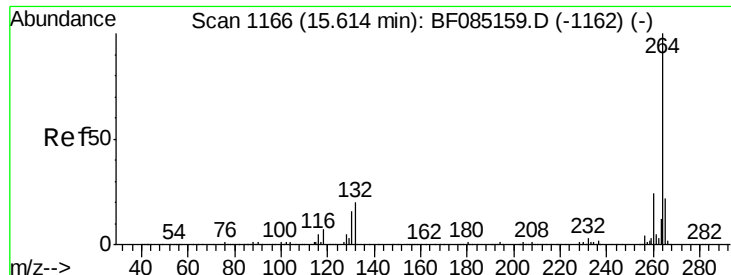


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085263.D
Acq: 8 Mar 2016 18:48

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Tgt Ion: 264 Resp: 272185
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.6 17.3 25.9

