

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085150.D
 Acq On : 3 Mar 2016 5:34
 Operator : SJ/IZ
 Sample : H1640-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1

Quant Time: Mar 03 13:23:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

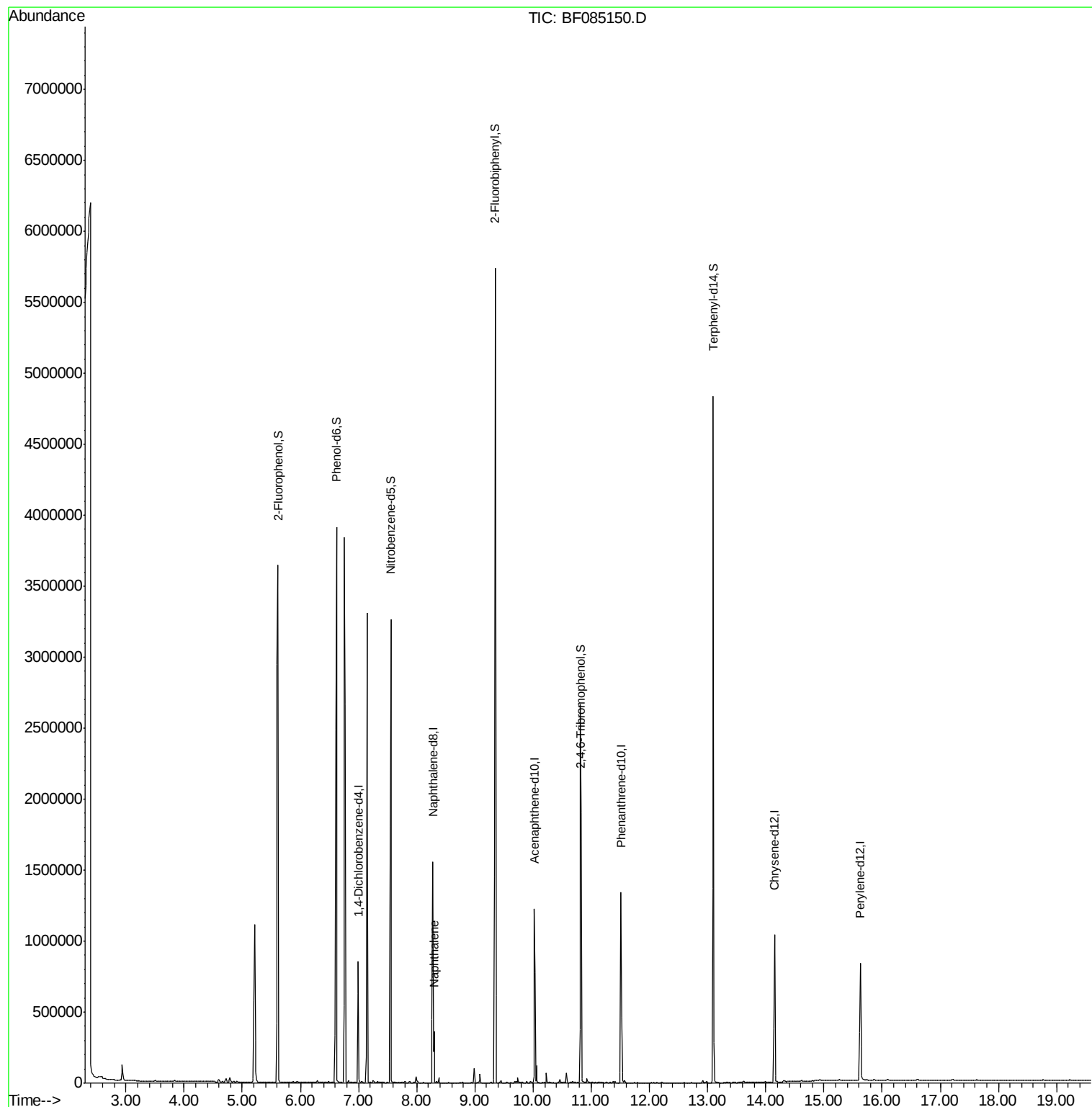
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	170449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	693014	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	297171	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	507424	20.00	ng	0.00
75) Chrysene-d12	14.15	240	382801	20.00	ng	0.00
86) Perylene-d12	15.63	264	386114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1442108	137.36	ng	0.03
7) Phenol-d6	6.62	99	1725776	125.38	ng	0.00
23) Nitrobenzene-d5	7.56	82	1255457	96.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	502294	168.19	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1751166	86.79	ng	0.00
78) Terphenyl-d14	13.10	244	1465068	89.78	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	187483	5.35	ng	Qvalue 97

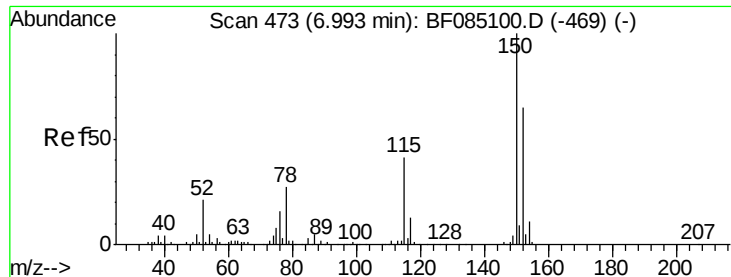
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

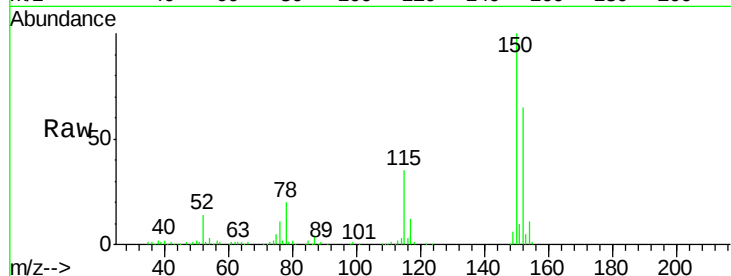
Tgt Ion:152 Resp: 170449

Ion Ratio Lower Upper

152 100

150 152.8 123.4 185.0

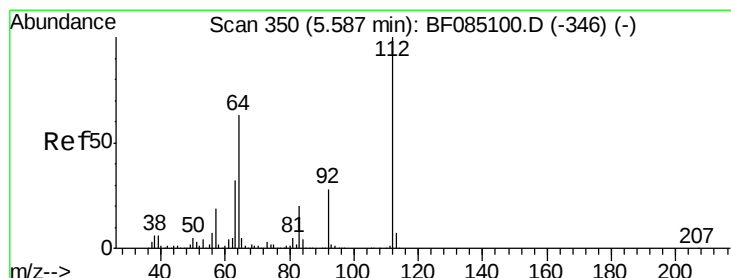
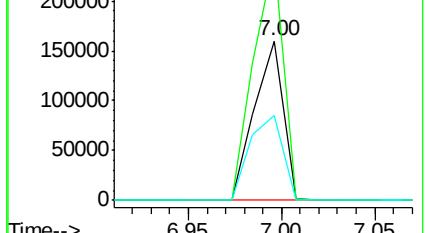
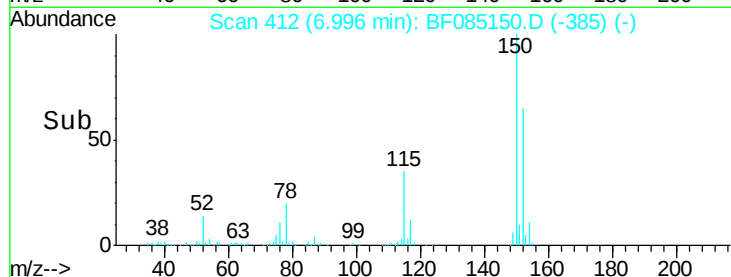
115 53.3 50.0 75.0



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: 137.36 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

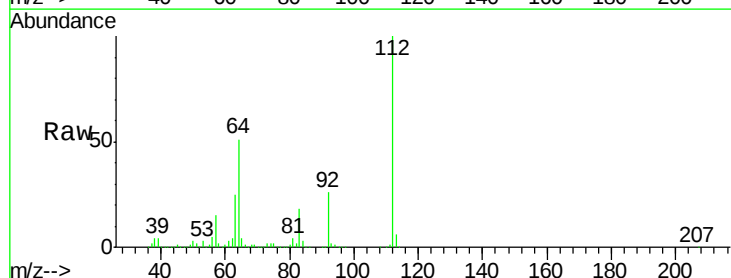
Tgt Ion:112 Resp: 1442108

Ion Ratio Lower Upper

112 100

64 50.6 50.6 76.0#

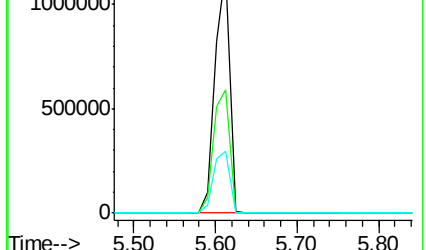
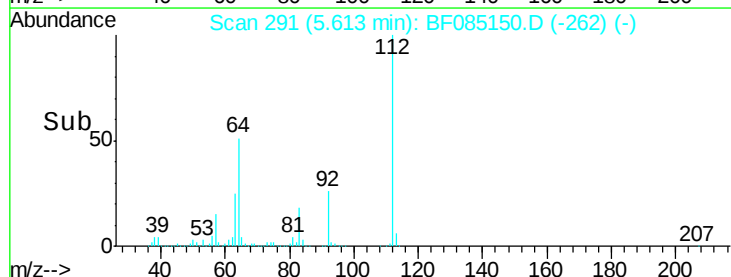
63 25.4 25.5 38.3#

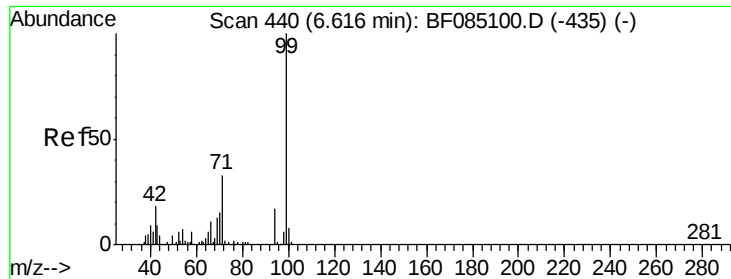


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.38 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

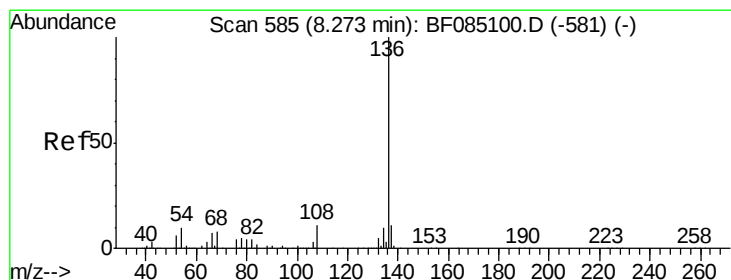
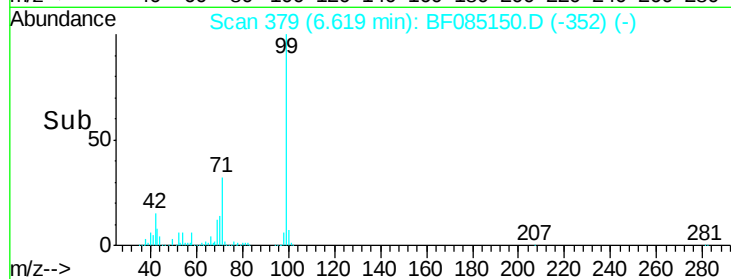
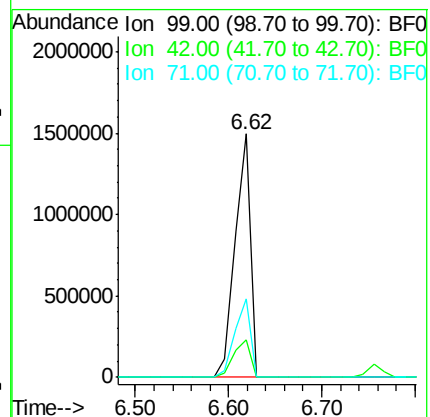
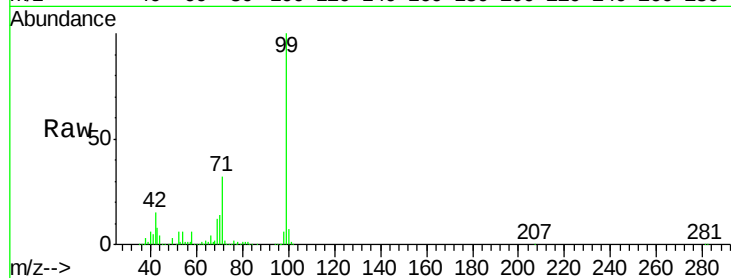
Tgt Ion: 99 Resp: 1725776

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 32.0 26.8 40.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Tgt Ion: 136 Resp: 693014

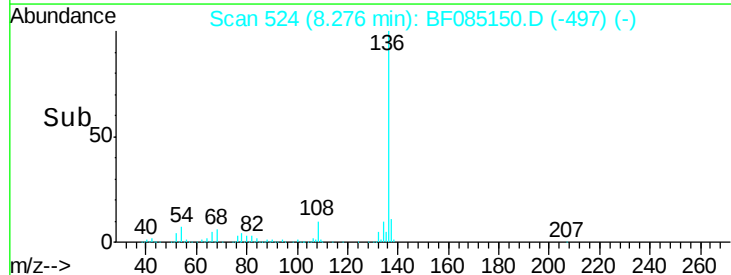
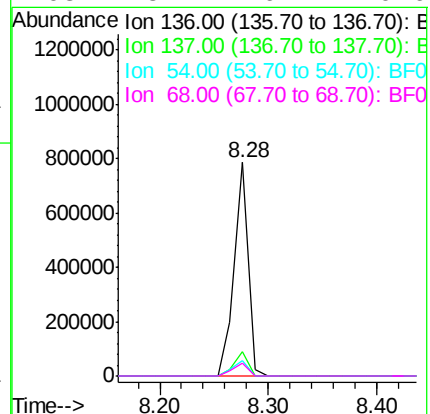
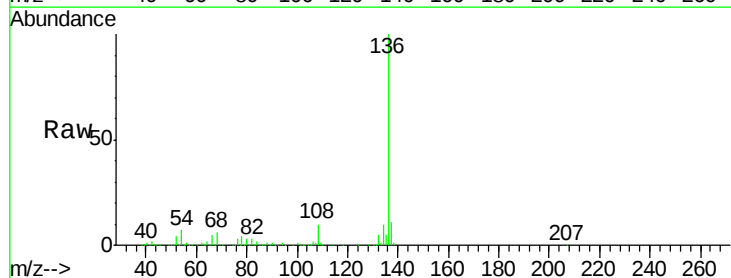
Ion Ratio Lower Upper

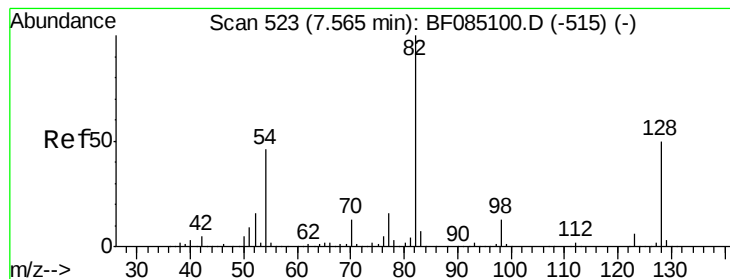
136 100

137 11.2 9.1 13.7

54 7.0 8.5 12.7#

68 5.7 6.4 9.6#





#23

Nitrobenzene-d5

Concen: 96.38 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

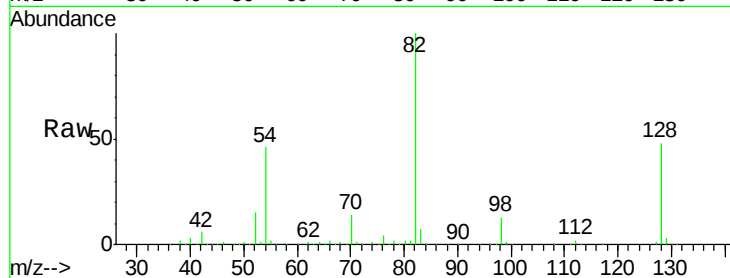
Tgt Ion: 82 Resp: 1255457

Ion Ratio Lower Upper

82 100

128 48.0 39.8 59.6

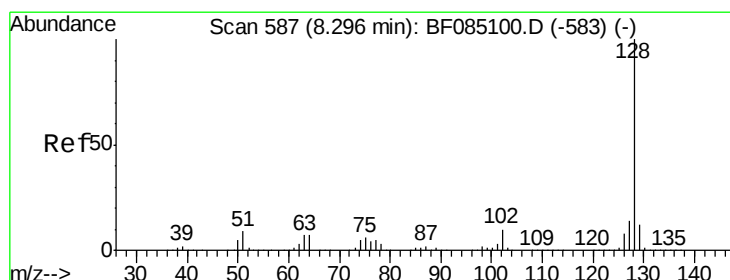
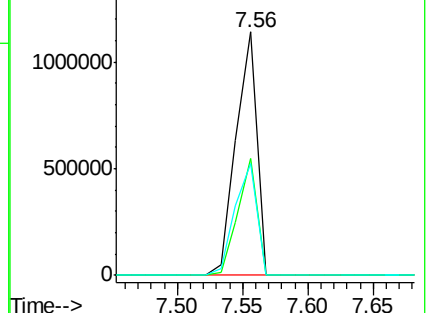
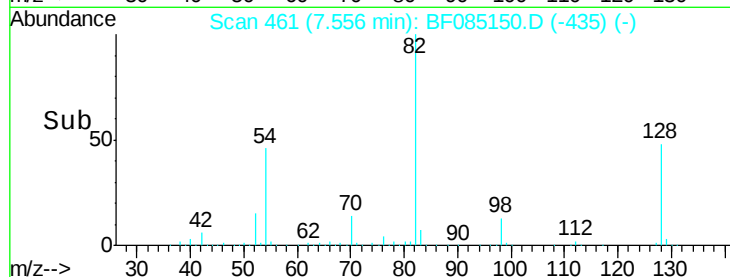
54 46.1 36.6 54.8



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



#31

Naphthalene

Concen: 5.35 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

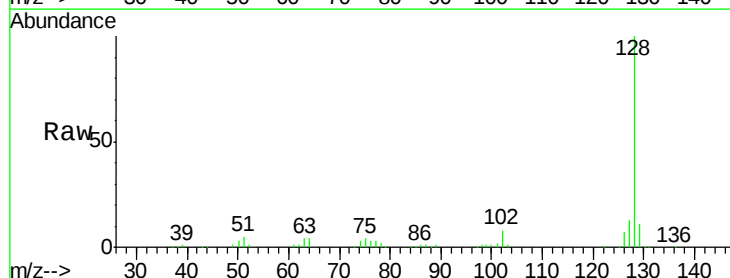
Tgt Ion: 128 Resp: 187483

Ion Ratio Lower Upper

128 100

129 10.7 9.7 14.5

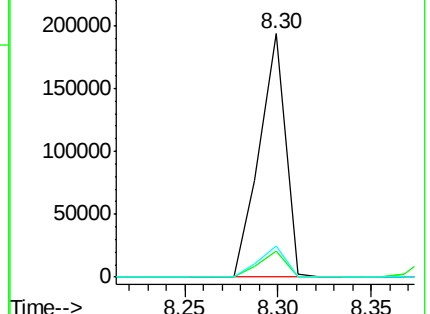
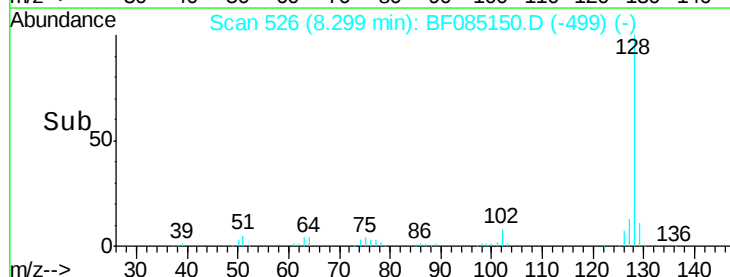
127 12.7 11.1 16.7

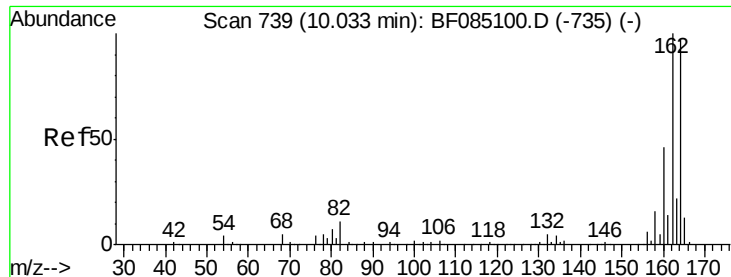


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

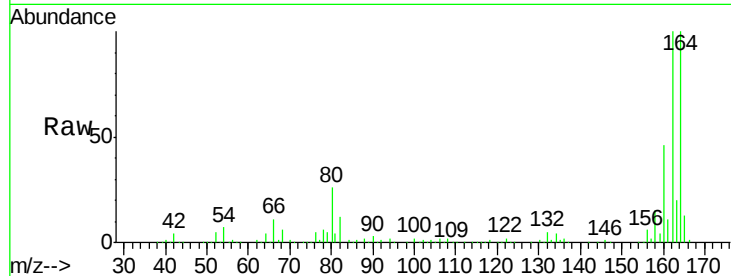




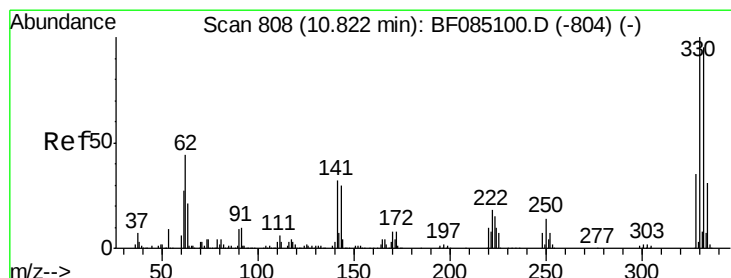
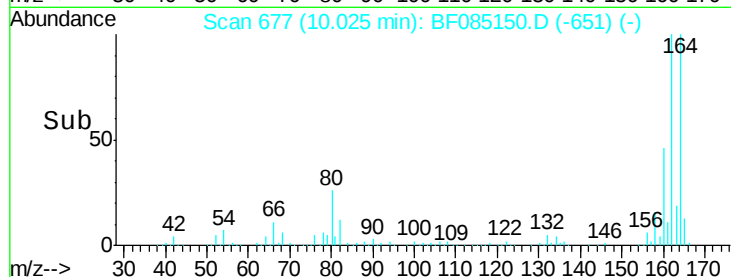
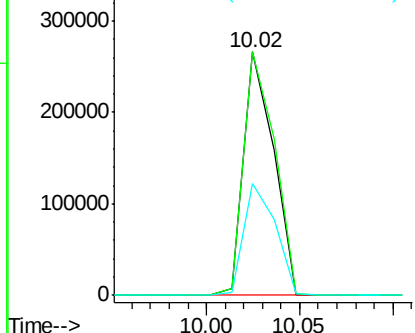
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:164 Resp: 297171
Ion Ratio Lower Upper
164 100
162 100.2 82.6 123.8
160 45.9 38.2 57.2

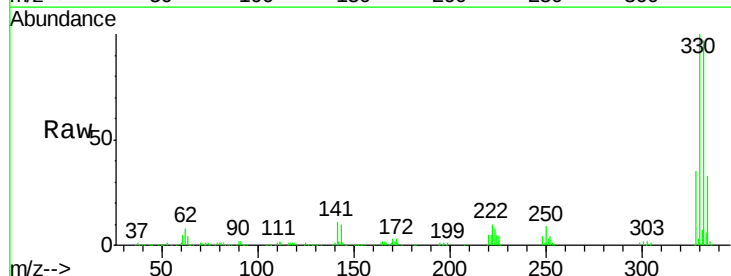


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

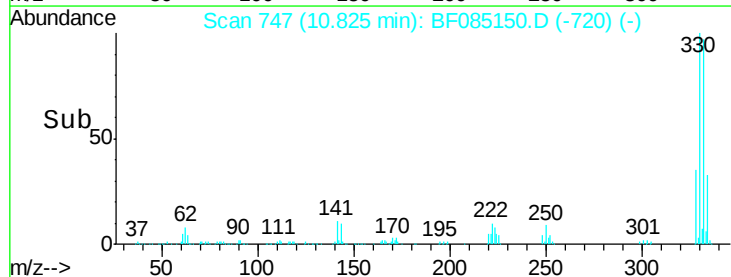
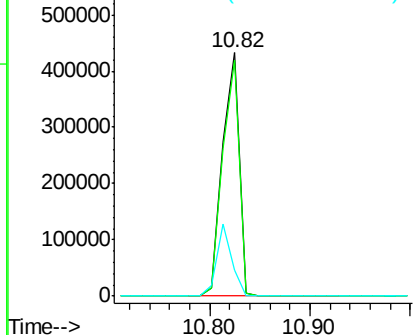


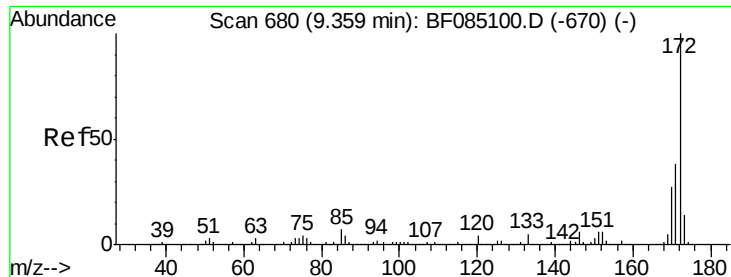
#41
2,4,6-Tribromophenol
Concen: 168.19 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:330 Resp: 502294
Ion Ratio Lower Upper
330 100
332 96.6 75.9 113.9
141 26.9 28.9 43.3#



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

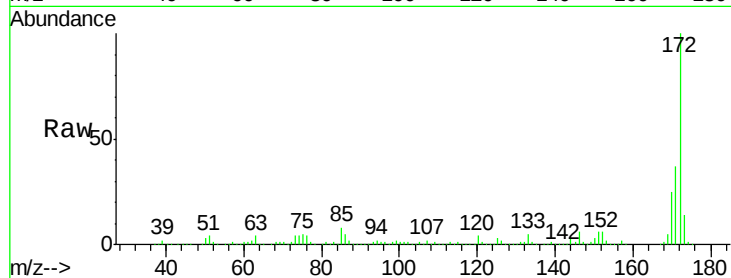




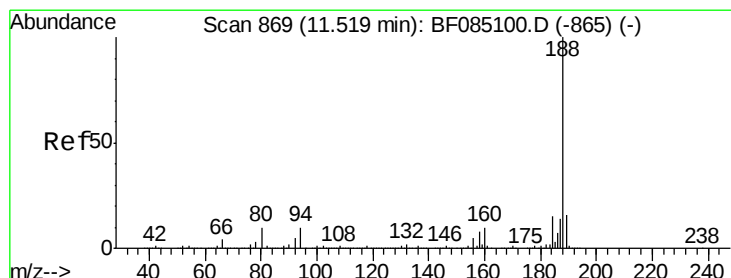
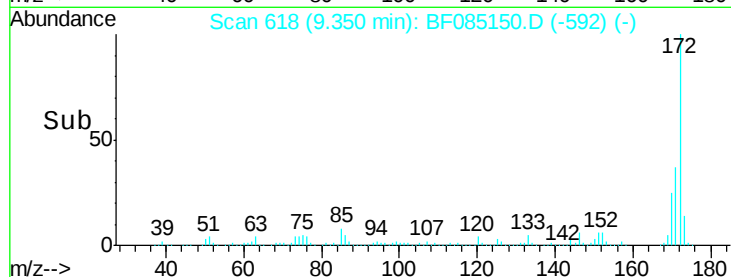
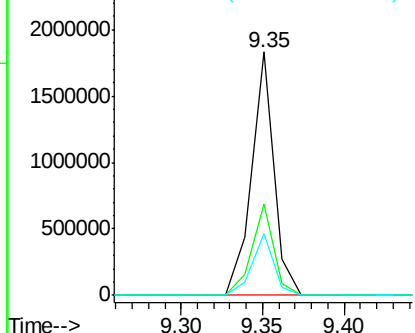
#44
 2-Fluorobiphenyl
 Concen: 86.79 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085150.D
 Acq: 3 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1

Tgt Ion:172 Resp: 1751166
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.3 21.2 31.8

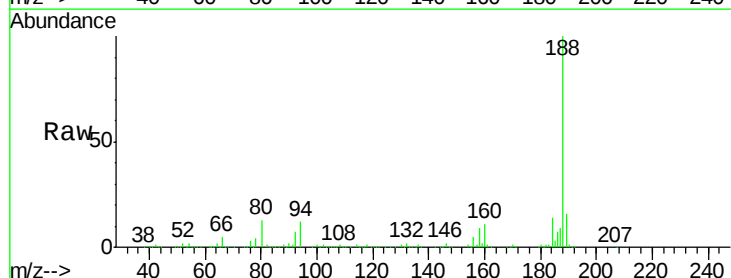


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

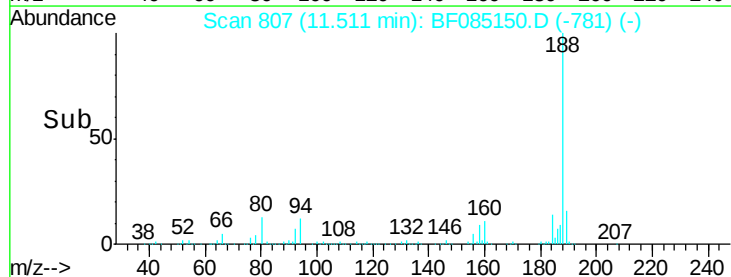
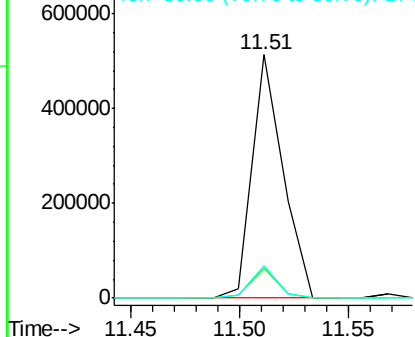


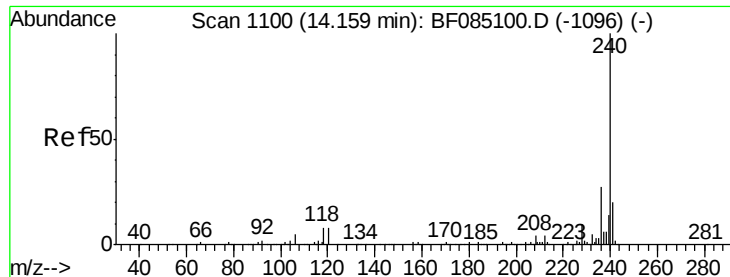
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085150.D
 Acq: 3 Mar 2016 5:34

Tgt Ion:188 Resp: 507424
 Ion Ratio Lower Upper
 188 100
 94 12.5 7.8 11.6#
 80 13.4 8.2 12.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

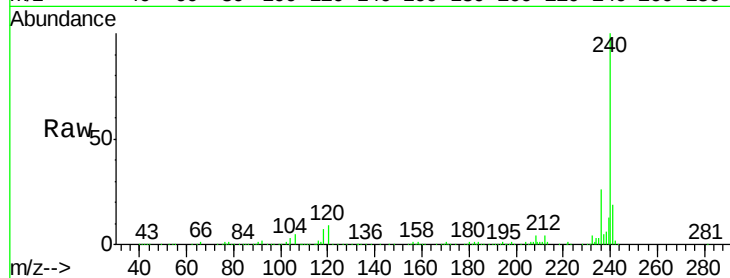
Tgt Ion:240 Resp: 382801

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

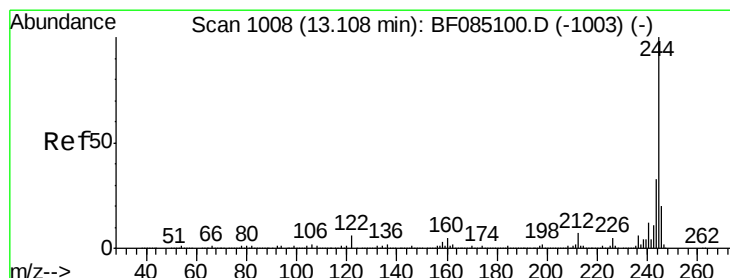
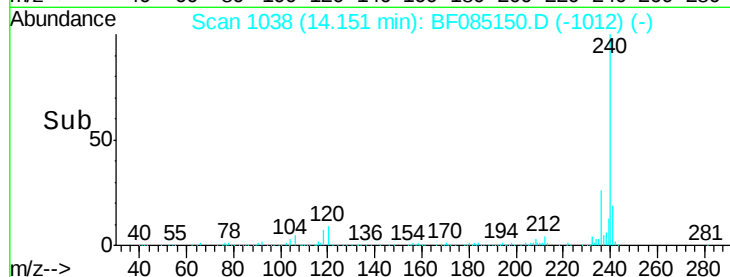
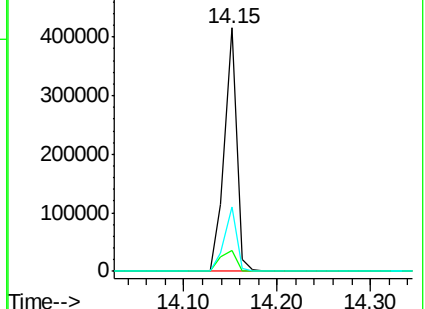
236 26.3 21.6 32.4



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: 89.78 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

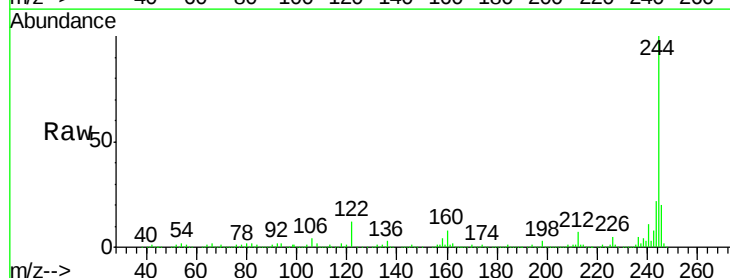
Tgt Ion:244 Resp: 1465068

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

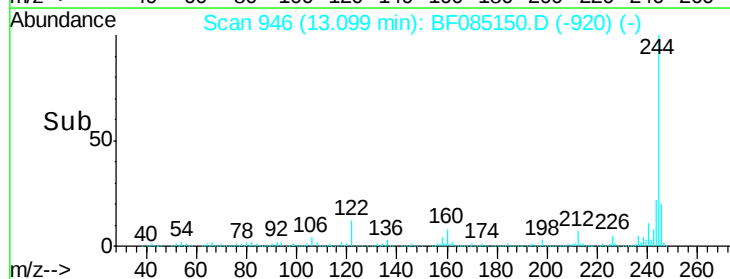
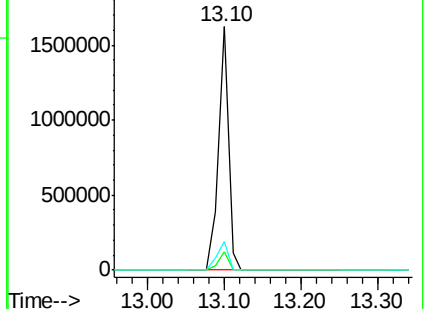
122 11.7 5.1 7.7#

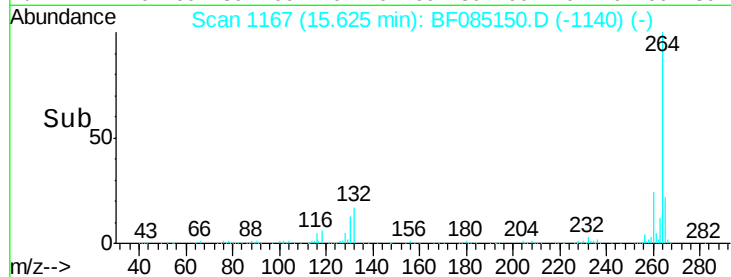
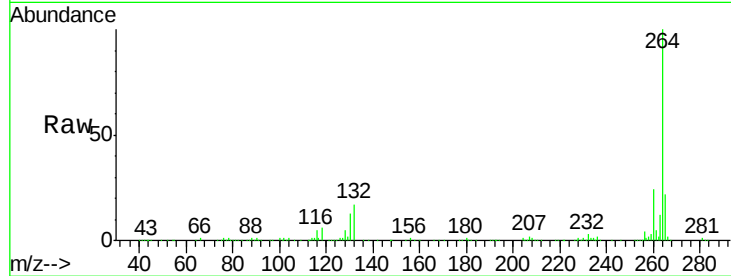
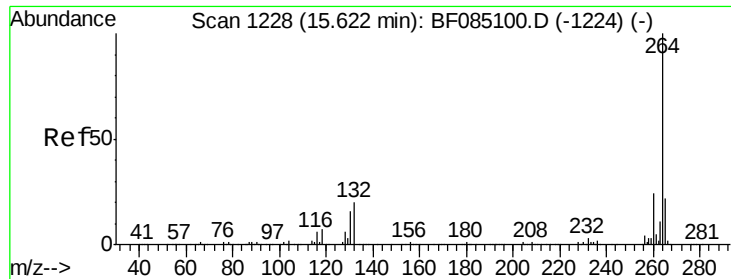


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

Tgt Ion:264 Resp: 386114

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.8 17.4 26.2

