

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085764.D
 Acq On : 25 Mar 2016 16:25
 Operator : UM/SJ
 Sample : H1858-12
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13B

Quant Time: Mar 25 16:56:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

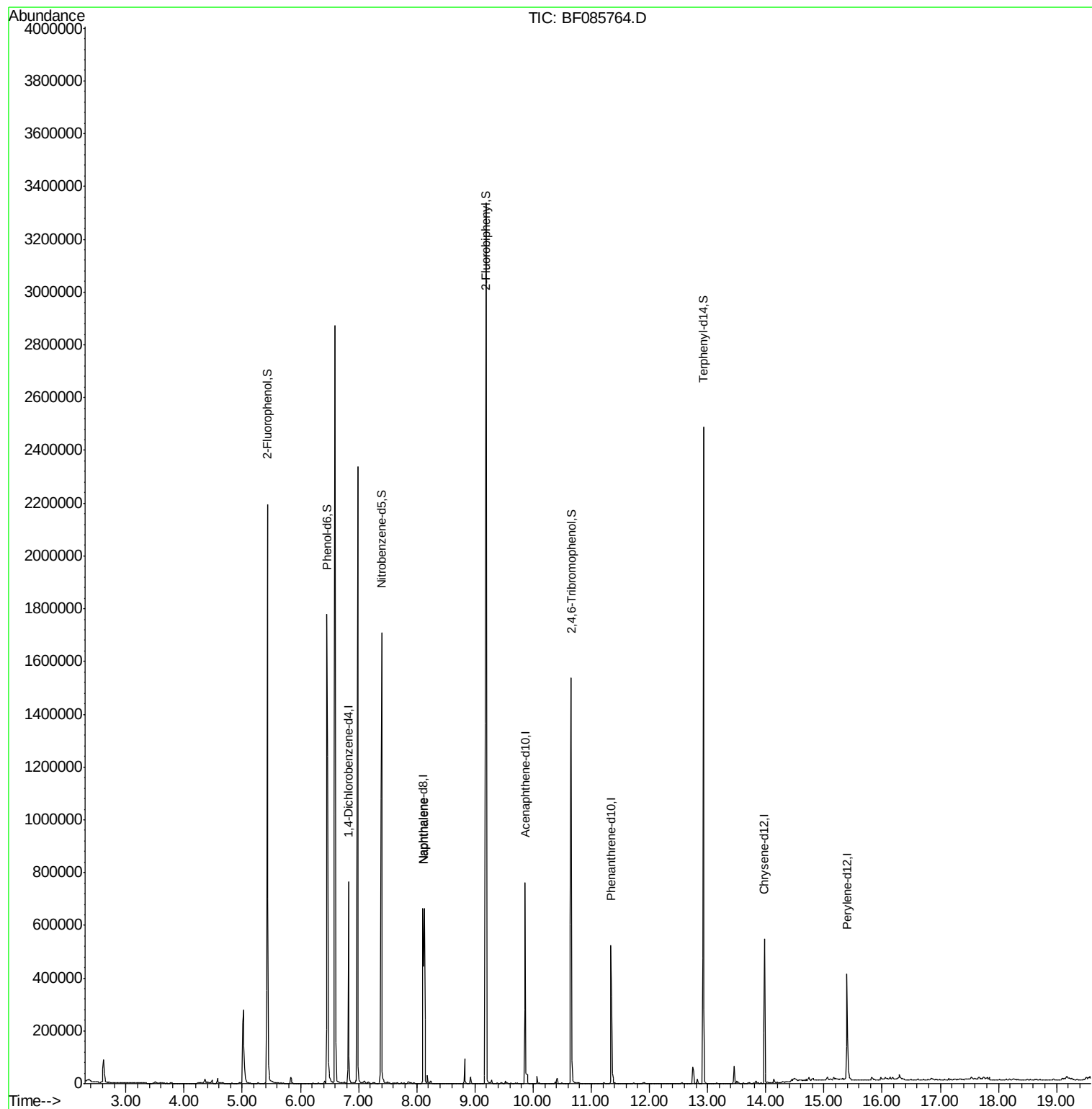
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	387209	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	157218	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	243708	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	200101	20.00	ng	0.00
86) Perylene-d12	15.40	264	175771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	721205	111.60	ng	0.02
7) Phenol-d6	6.46	99	922125	112.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	715128	104.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	203521	136.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1119547	118.97	ng	0.00
78) Terphenyl-d14	12.93	244	724751	74.49	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	322886	16.55	ng	Qvalue 99

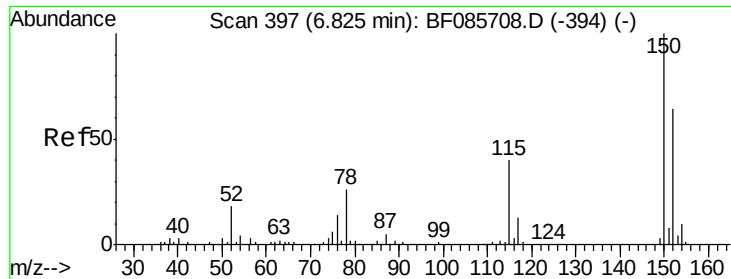
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

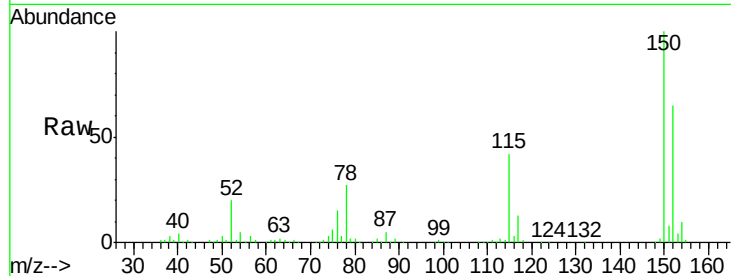
Tot Ion:152 Resp: 107628

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

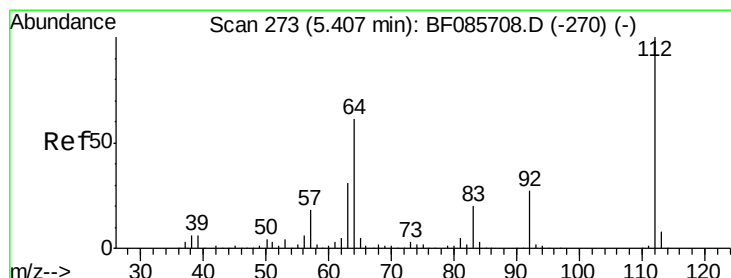
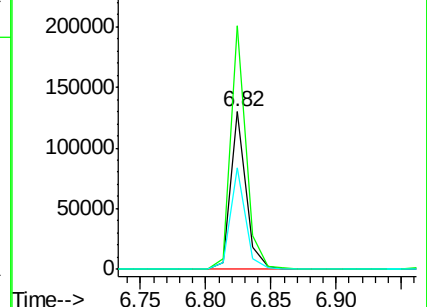
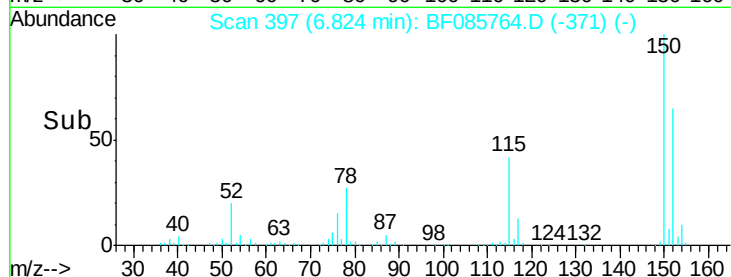
115 64.3 47.0 70.6



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: 111.60 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

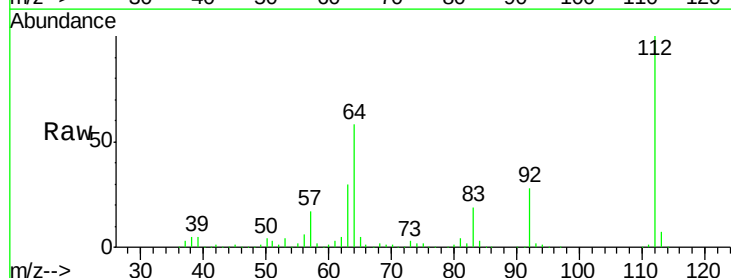
Tgt Ion:112 Resp: 721205

Ion Ratio Lower Upper

112 100

64 58.1 39.9 59.9

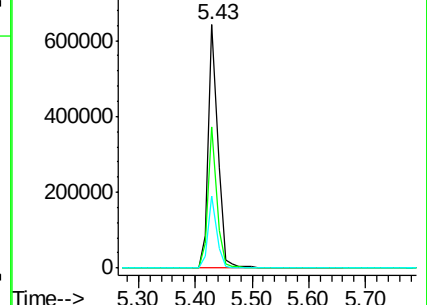
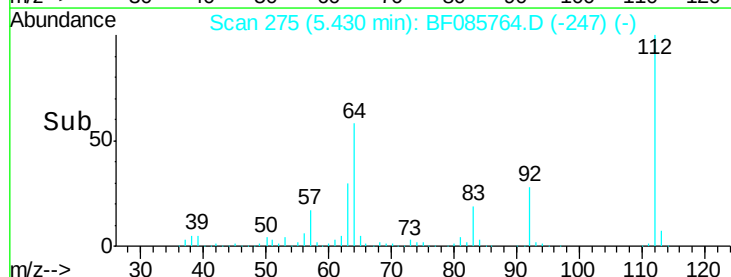
63 29.6 20.2 30.2

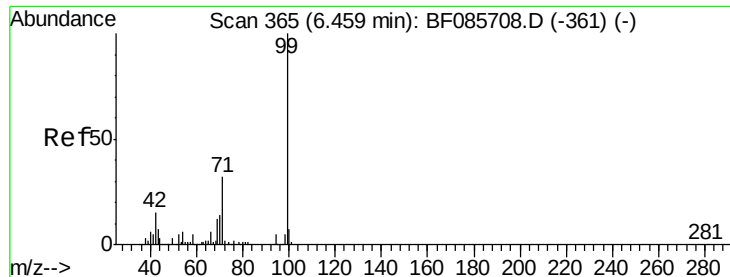


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.23 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

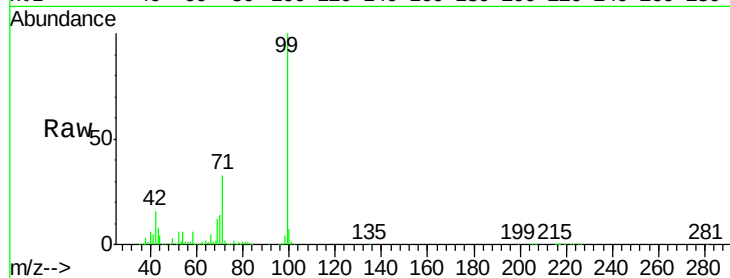
Tot Ion: 99 Resp: 922125

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

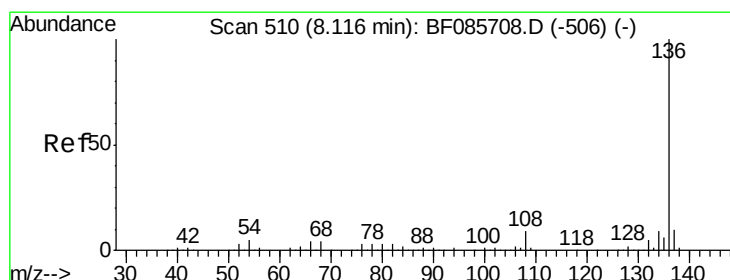
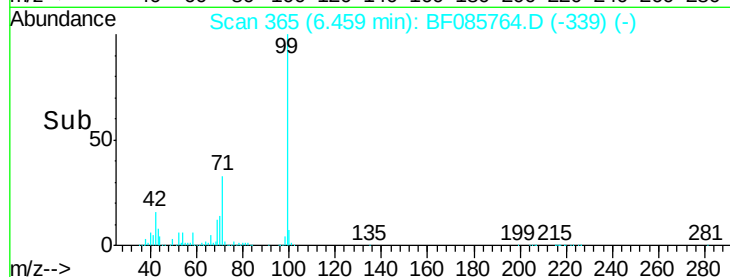
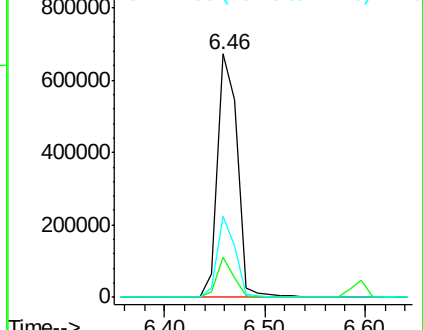
71 33.1 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

Tgt Ion: 136 Resp: 387209

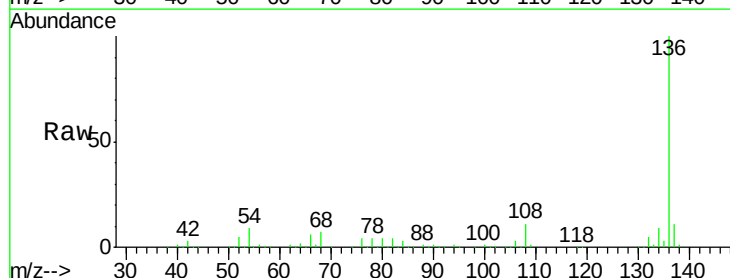
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 7.4 11.0

68 6.9 5.8 8.8

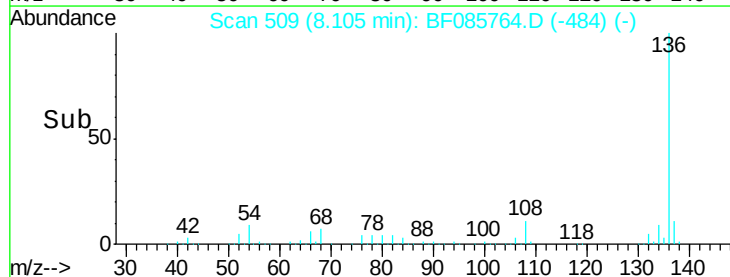
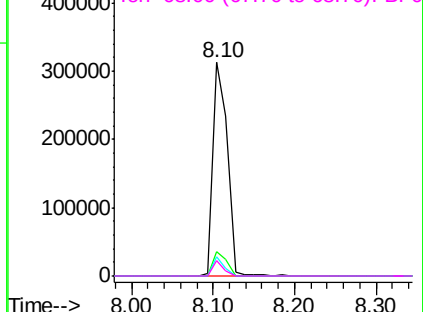


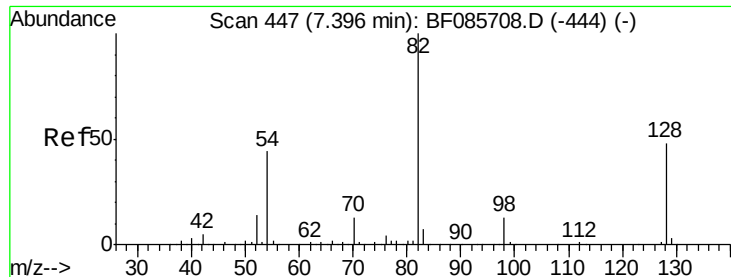
Abundance Ion 136.00 (135.70 to 136.70): E

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

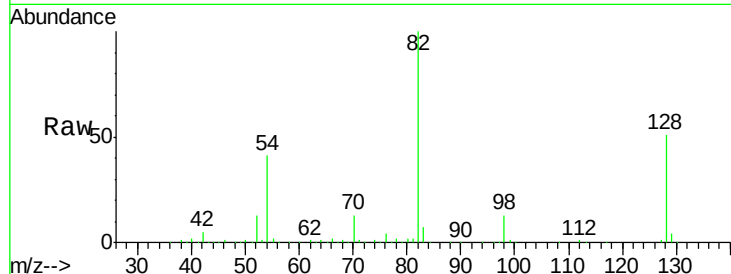




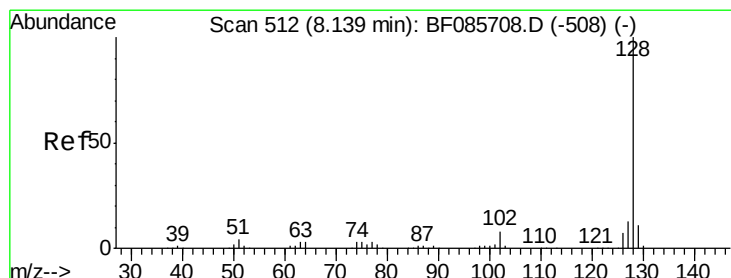
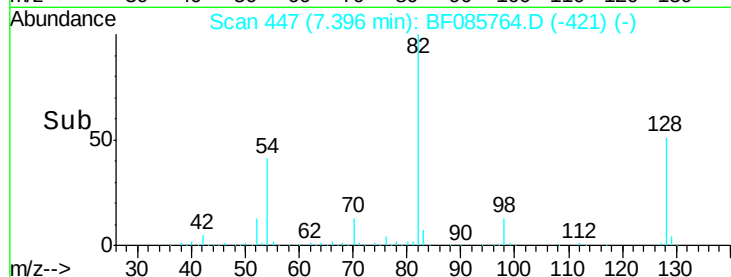
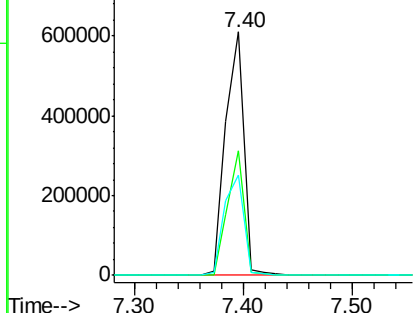
#23
Nitrobenzene-d5
Concen: 104.00 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085764.D
Acq: 25 Mar 2016 16:25

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13B

Tot Ion: 82 Resp: 715128
Ion Ratio Lower Upper
82 100
128 51.1 41.8 62.8
54 41.2 33.4 50.0

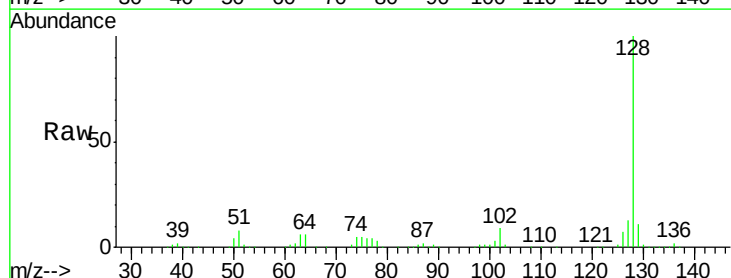


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

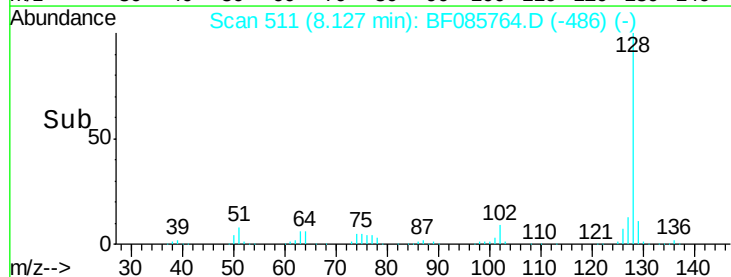
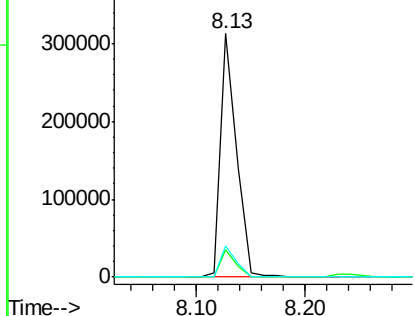


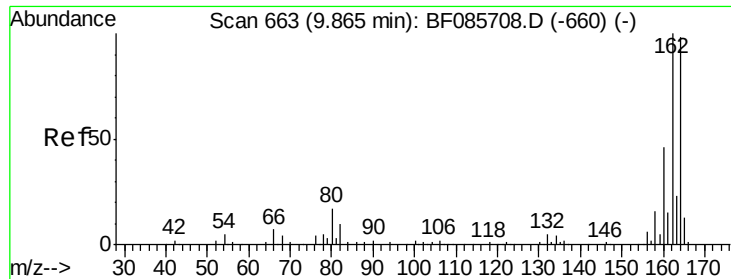
#31
Naphthalene
Concen: 16.55 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085764.D
Acq: 25 Mar 2016 16:25

Tgt Ion: 128 Resp: 322886
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.0 11.0 16.6



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

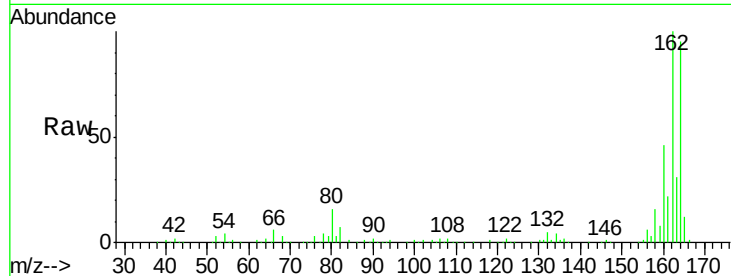




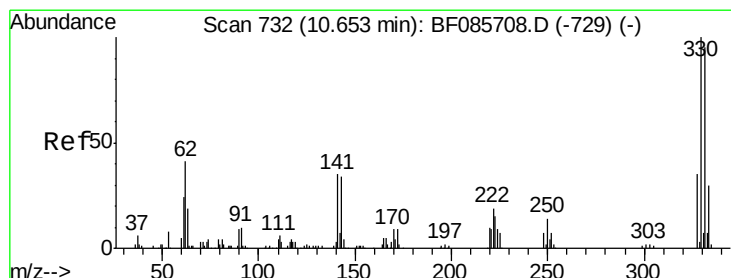
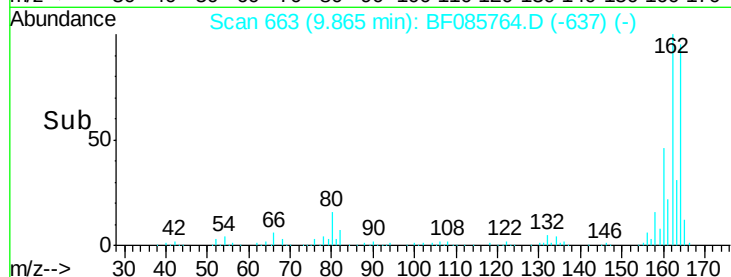
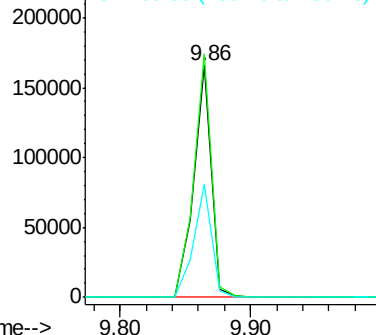
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085764.D
 Acq: 25 Mar 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13B

Tot Ion:164 Resp: 157218
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.1 123.1
 160 48.6 37.4 56.2

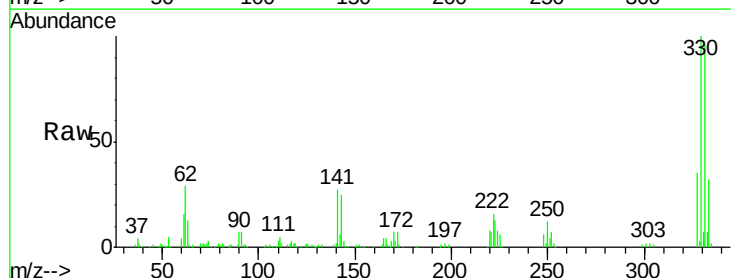


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

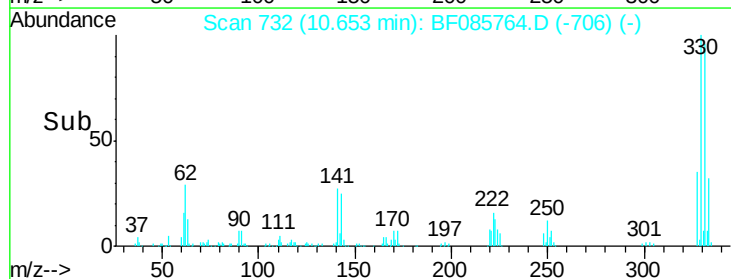
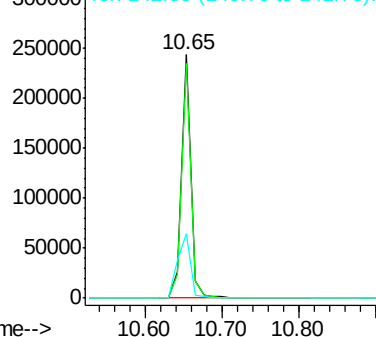


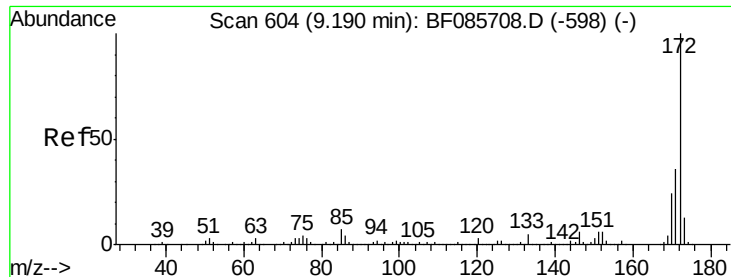
#41
 2,4,6-Tribromophenol
 Concen: 136.25 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085764.D
 Acq: 25 Mar 2016 16:25

Tgt Ion:330 Resp: 203521
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 36.9 31.5 47.3



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

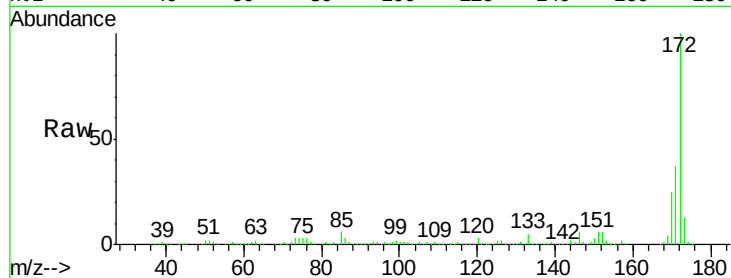




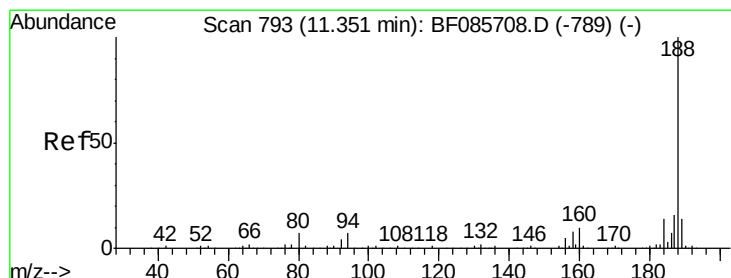
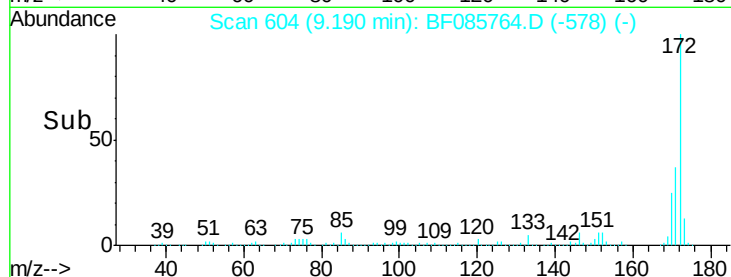
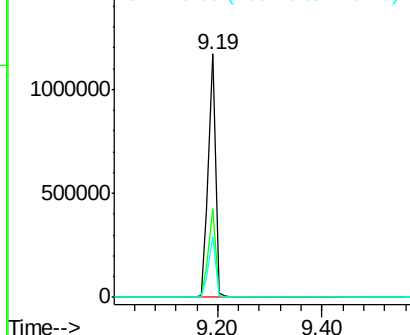
#44
2-Fluorobiphenyl
Concen: 118.97 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085764.D
Acq: 25 Mar 2016 16:25

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13B

Tot Ion:172 Resp: 1119547
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 25.0 19.8 29.6

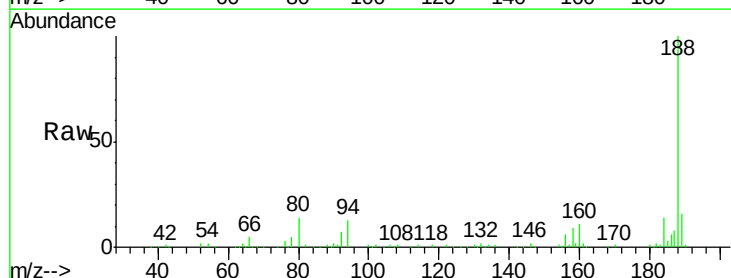


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

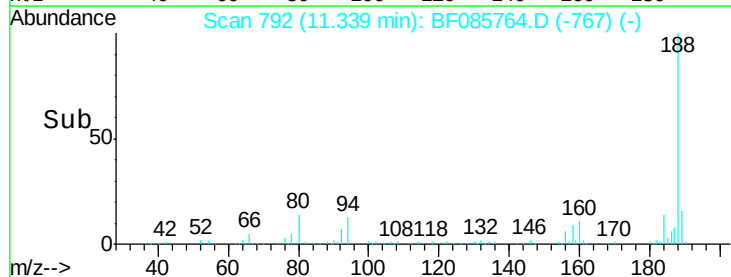
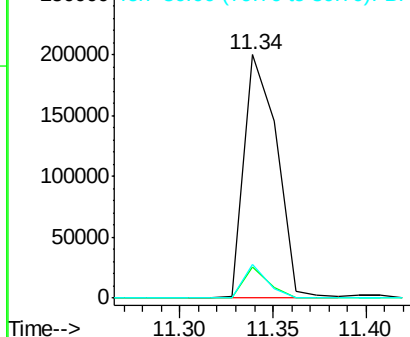


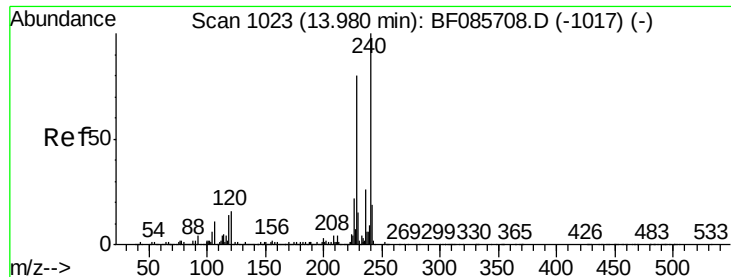
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085764.D
Acq: 25 Mar 2016 16:25

Tgt Ion:188 Resp: 243708
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 14.1 5.5 8.3#



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

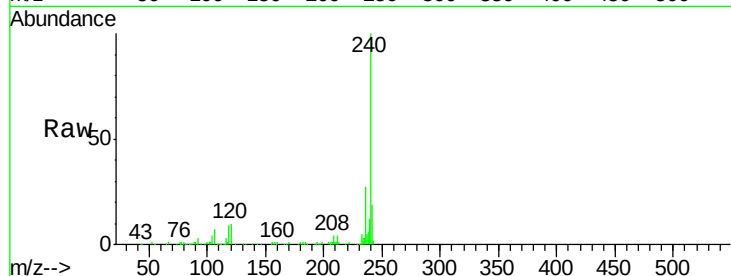
Tot Ion:240 Resp: 200101

Ion Ratio Lower Upper

240 100

120 10.2 13.8 20.8#

236 26.6 20.6 30.8



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

250000

200000

150000

100000

50000

0

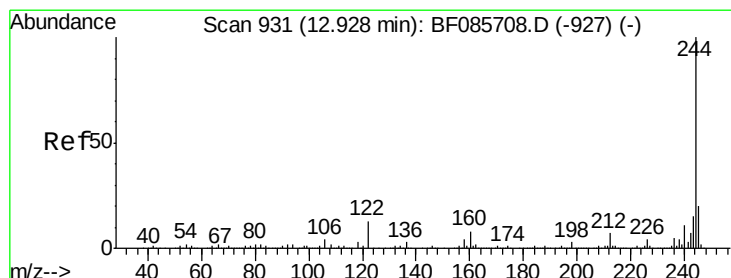
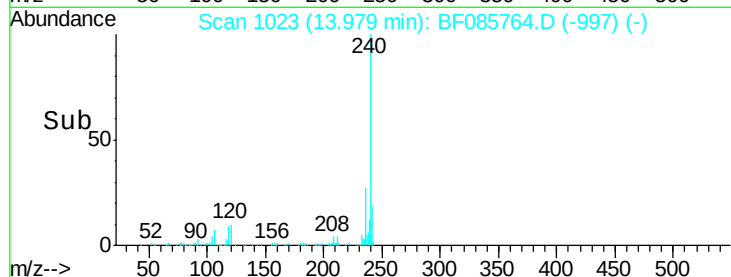
13.98

13.90

14.00

14.10

Time-->



#78

Terphenyl-d14

Concen: 74.49 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085764.D

Acq: 25 Mar 2016 16:25

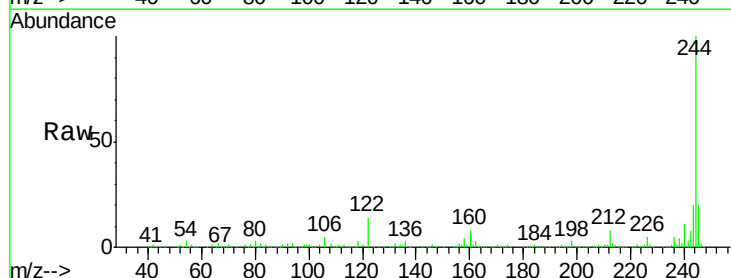
Tgt Ion:244 Resp: 724751

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 13.8 10.2 15.4



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

1000000

800000

600000

400000

200000

0

12.93

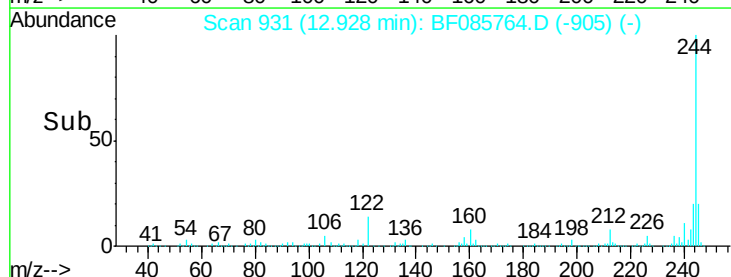
12.80

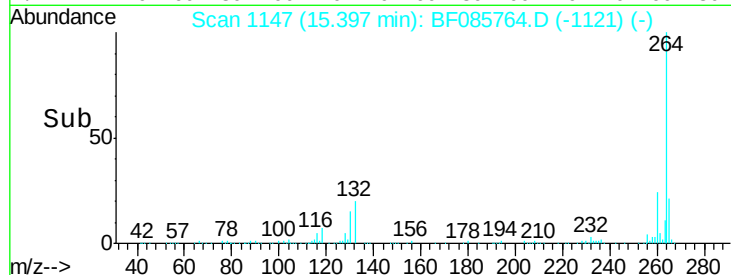
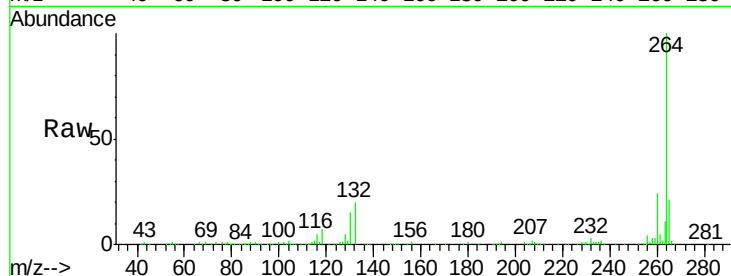
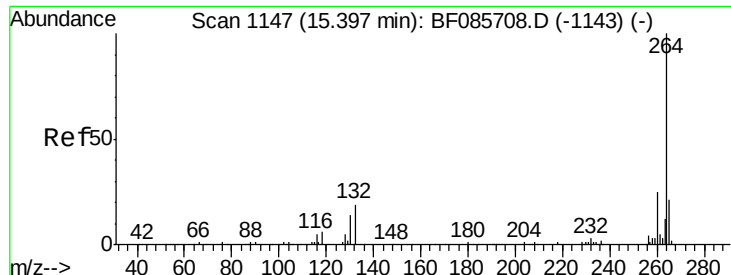
12.90

13.00

13.10

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085764.D
 Acq: 25 Mar 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13B

Tot Ion:	264	Resp:	175771
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.2	25.8

