

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085688.D
 Acq On : 23 Mar 2016 6:00
 Operator : UM/SJ
 Sample : H1858-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 23 06:54:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

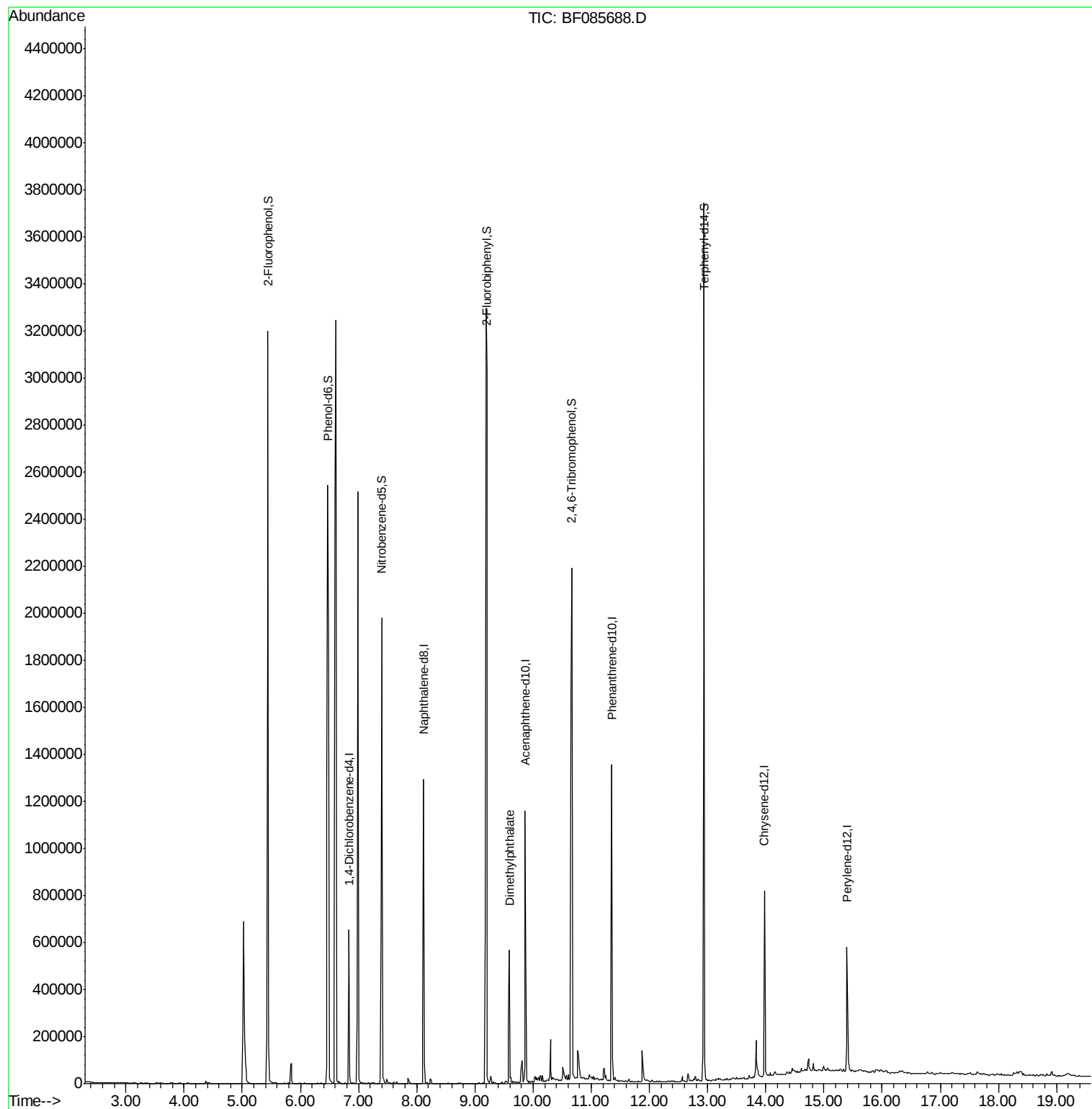
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	138345	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565978	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	246410	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	448820	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	256196	20.00	ng	-0.03
86) Perylene-d12	15.40	264	239250	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1149545	139.57	ng	-0.01
7) Phenol-d6	6.47	99	1600559	151.51	ng	-0.02
23) Nitrobenzene-d5	7.40	82	989263	101.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	426014	176.50	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1687113	137.67	ng	-0.02
78) Terphenyl-d14	12.94	244	1310722	123.11	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	261624	14.07	ng	Qvalue 98

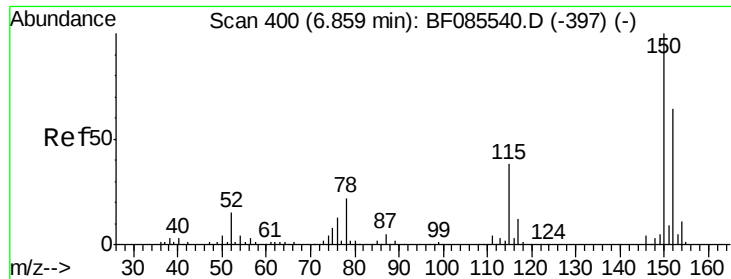
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

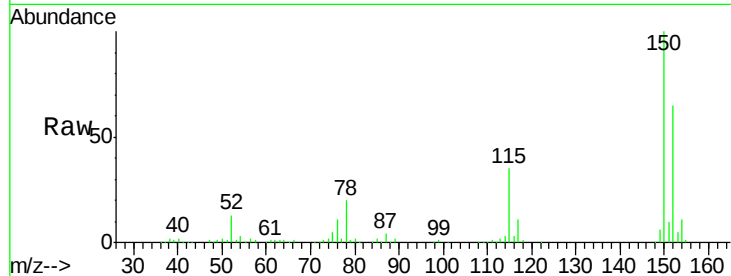
Tgt Ion:152 Resp: 138345

Ion Ratio Lower Upper

152 100

150 153.6 124.2 186.2

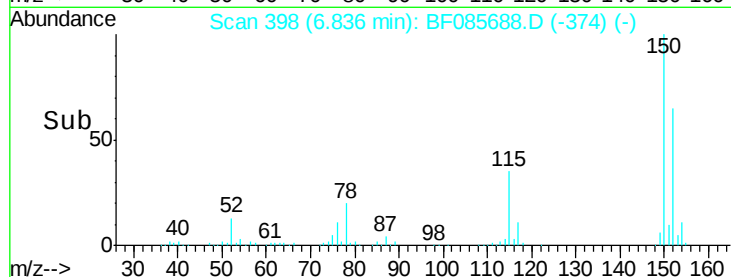
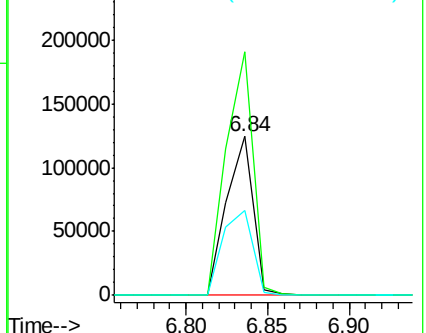
115 53.2 47.0 70.6



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: 139.57 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

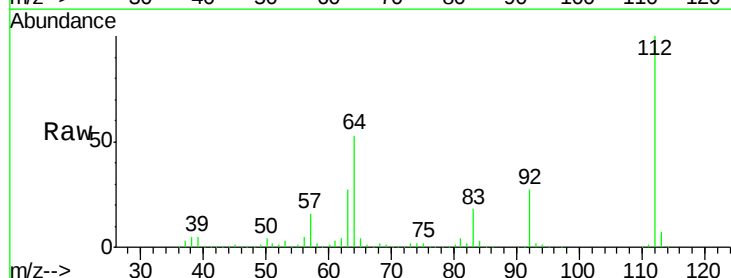
Tgt Ion:112 Resp: 1149545

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

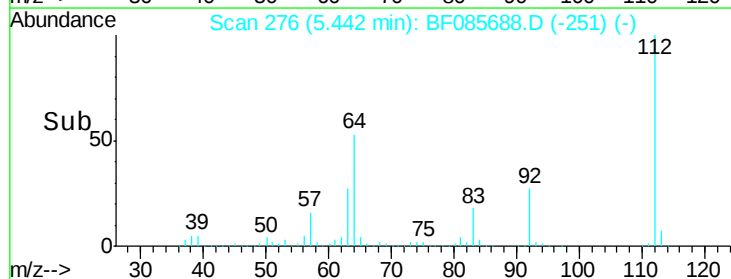
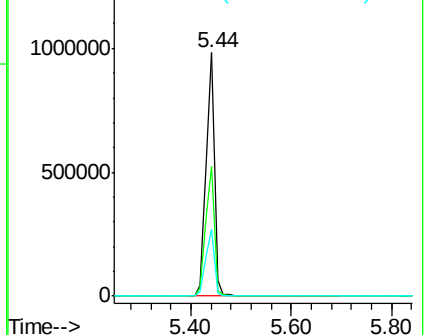
63 27.5 20.2 30.2



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: 151.51 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

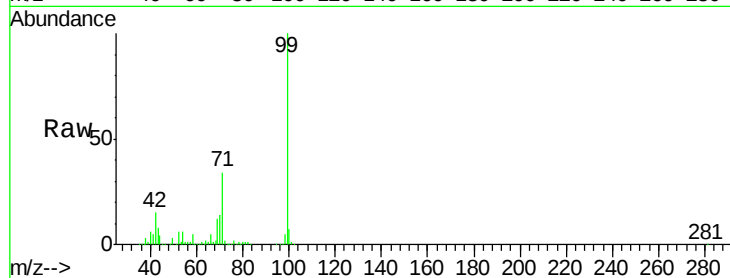
Tgt Ion: 99 Resp: 1600559

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

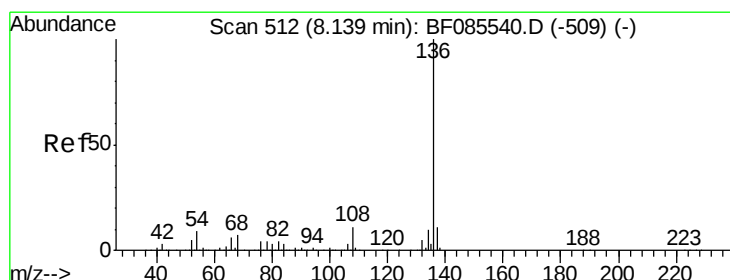
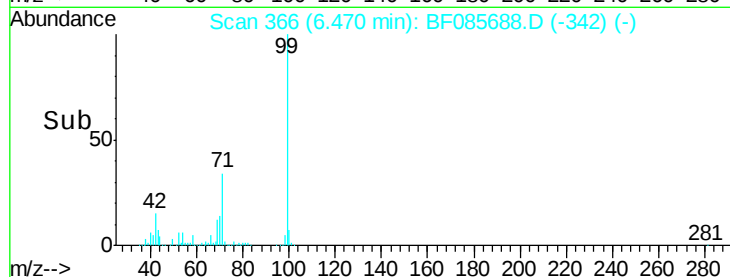
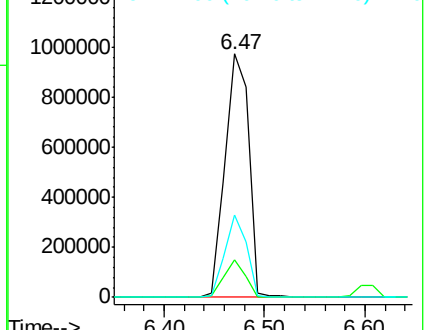
71 33.9 24.9 37.3



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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Tgt Ion: 136 Resp: 565978

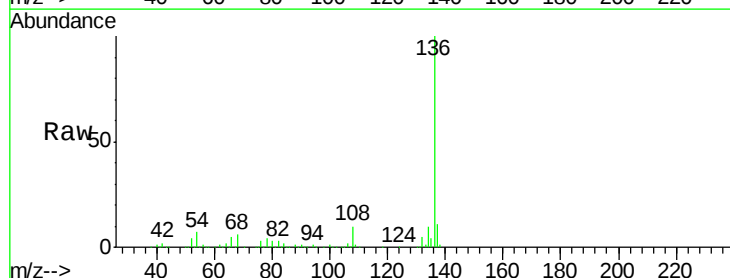
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 7.4 11.0#

68 5.7 5.8 8.8#

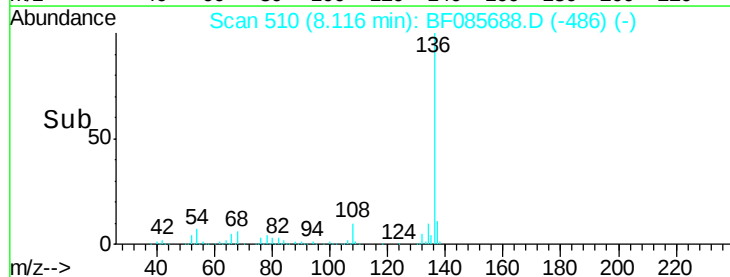
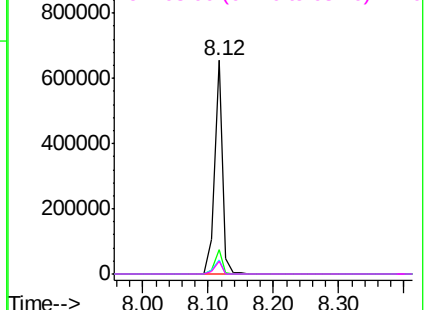


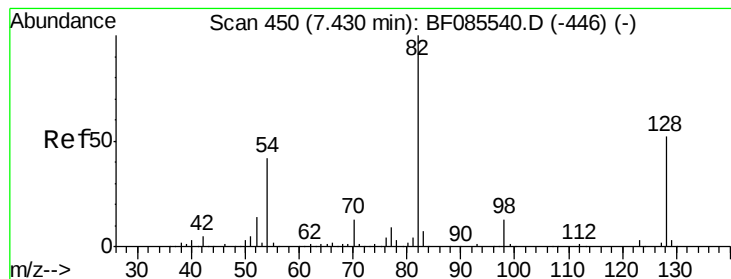
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.46 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

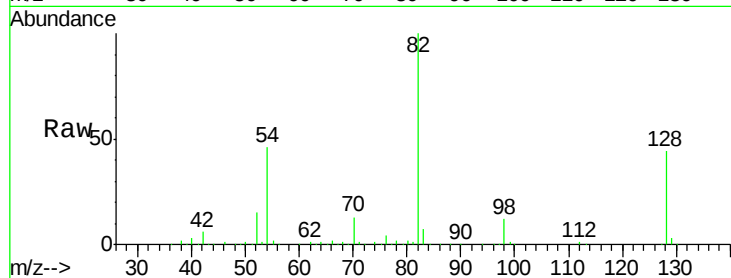
Tgt Ion: 82 Resp: 989263

Ion Ratio Lower Upper

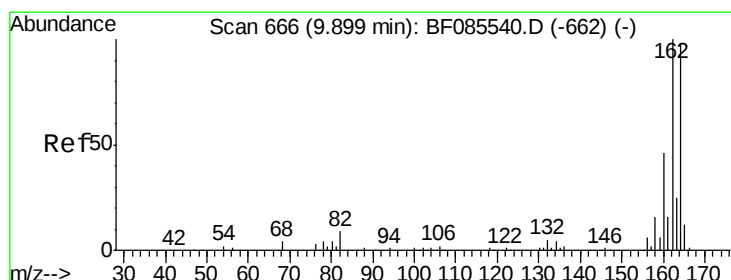
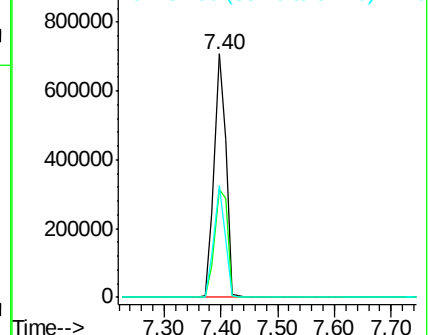
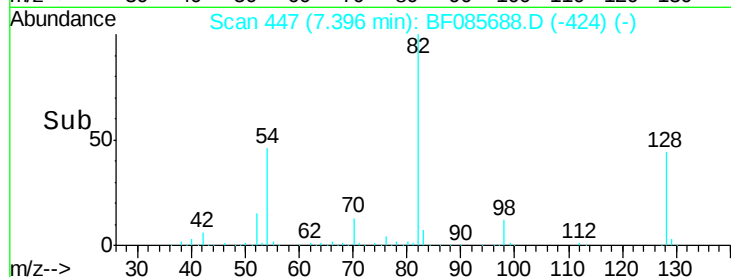
82 100

128 44.5 41.8 62.8

54 46.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

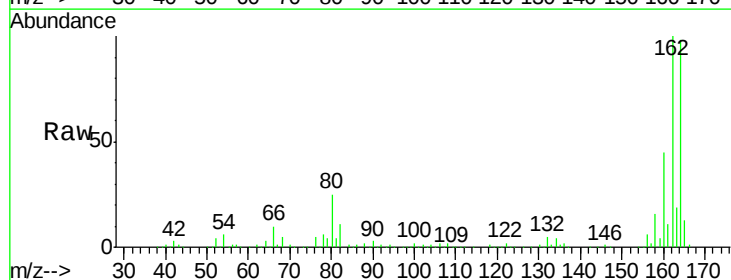
Tgt Ion: 164 Resp: 246410

Ion Ratio Lower Upper

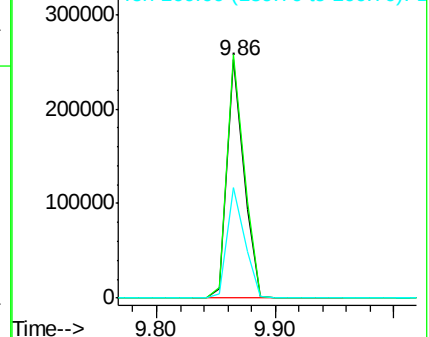
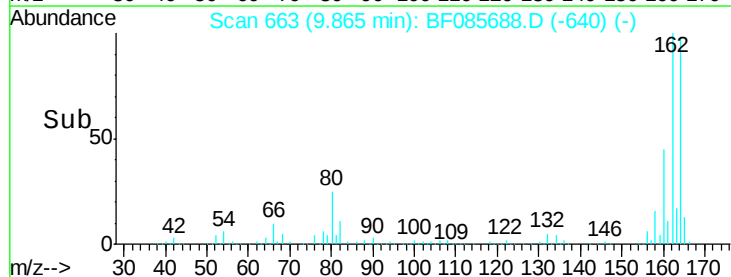
164 100

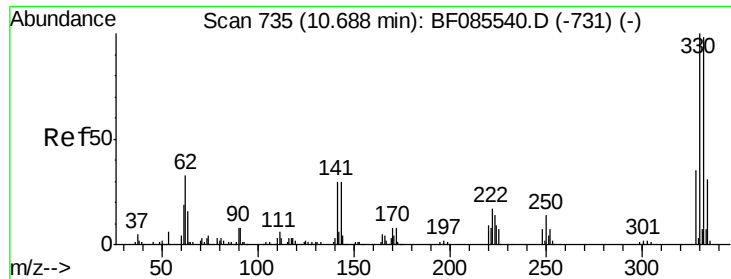
162 102.1 82.1 123.1

160 46.4 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

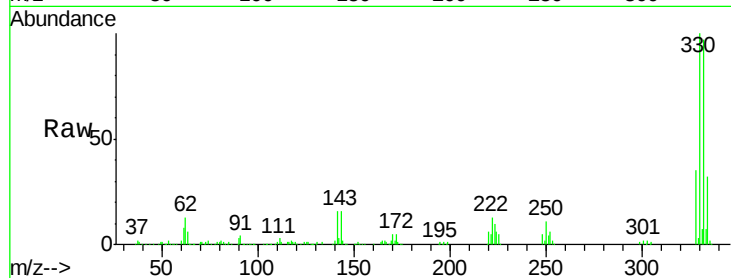




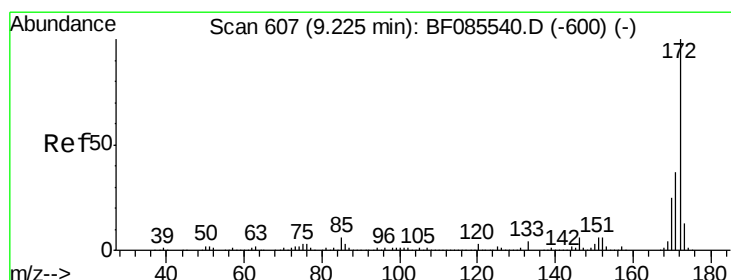
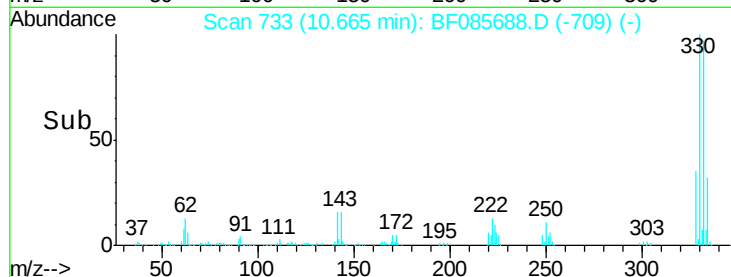
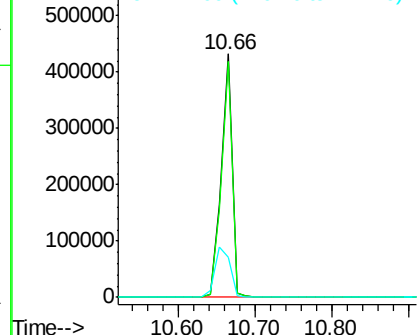
#41
 2,4,6-Tribromophenol
 Concen: 176.50 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:330 Resp: 426014
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 28.6 31.5 47.3#

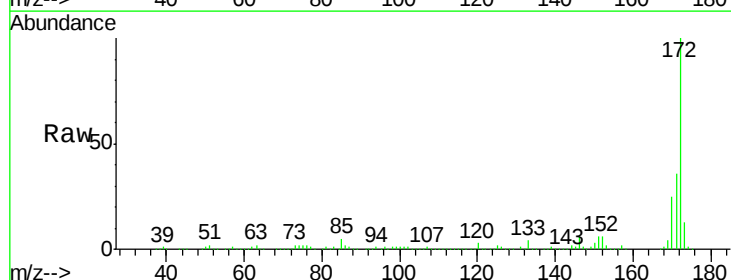


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

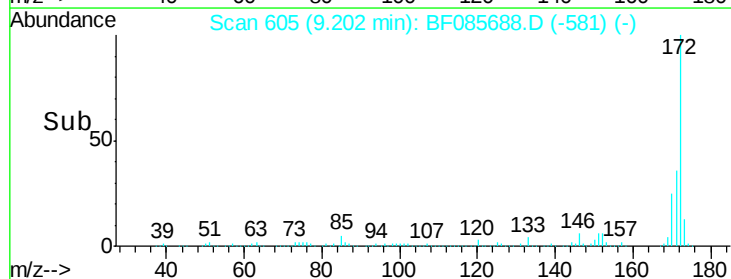
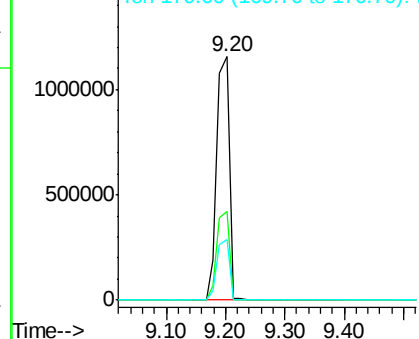


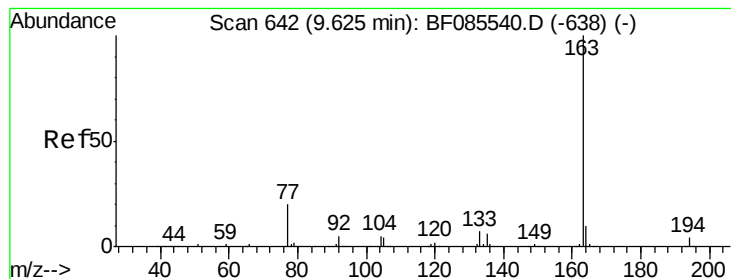
#44
 2-Fluorobiphenyl
 Concen: 137.67 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:172 Resp: 1687113
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.7 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





#49

Dimethylphthalate

Concen: 14.07 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

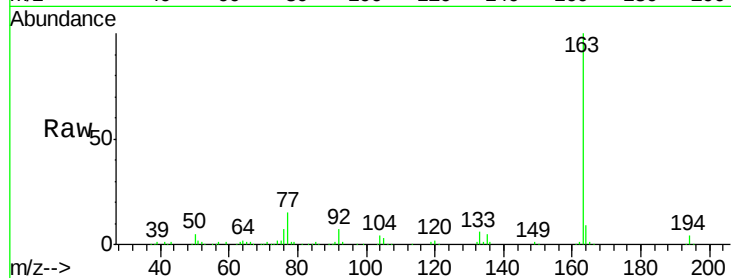
Tgt Ion:163 Resp: 261624

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

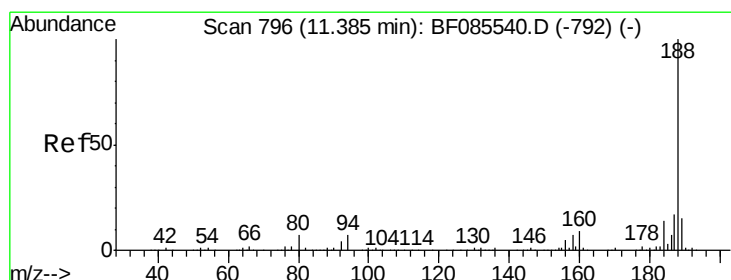
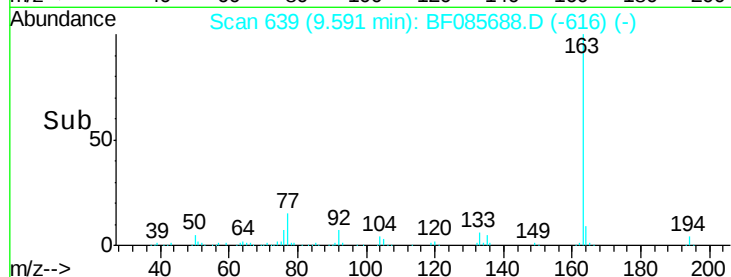
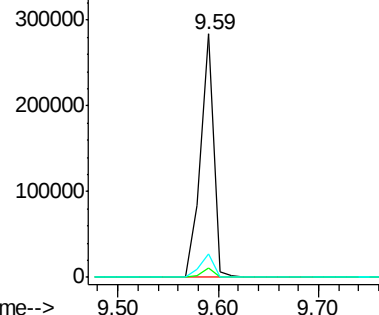
164 9.5 8.3 12.5



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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

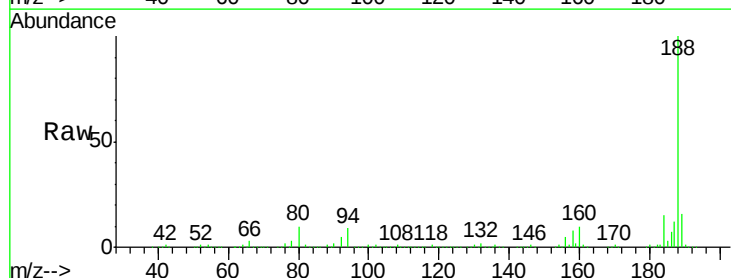
Tgt Ion:188 Resp: 448820

Ion Ratio Lower Upper

188 100

94 9.4 5.4 8.0#

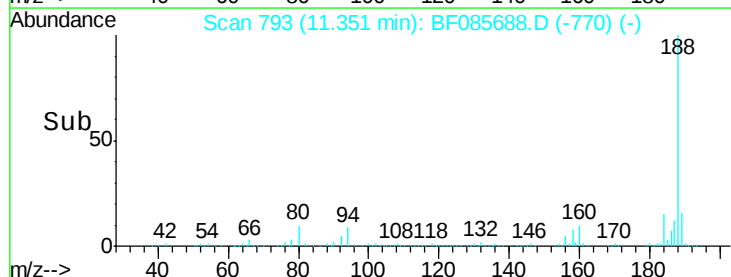
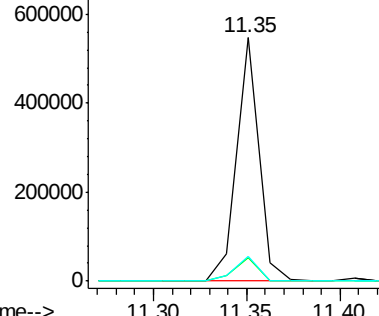
80 10.0 5.5 8.3#

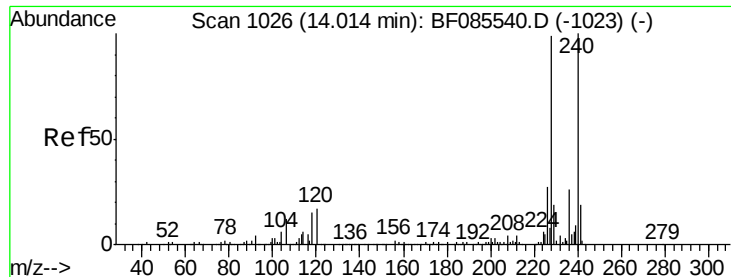


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

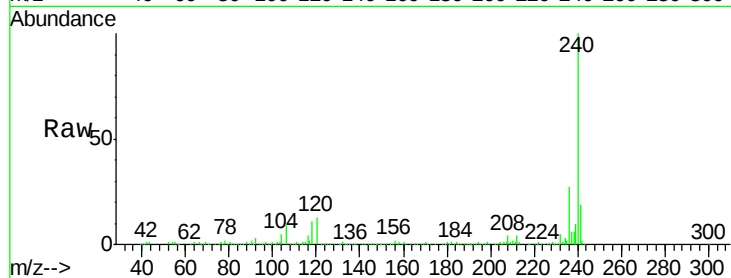
Tgt Ion:240 Resp: 256196

Ion Ratio Lower Upper

240 100

120 13.5 13.8 20.8#

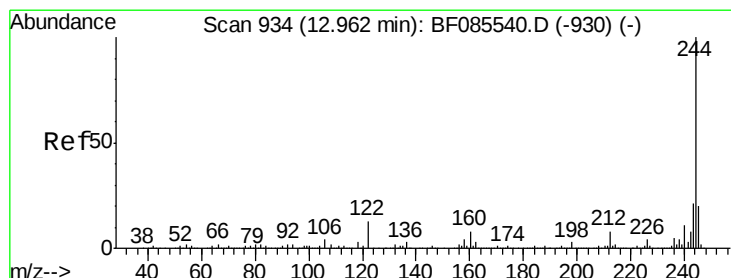
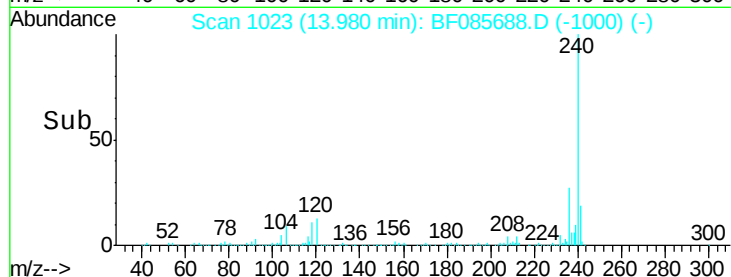
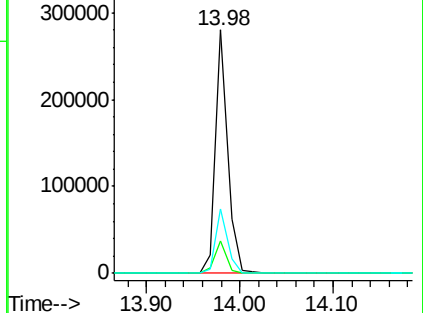
236 26.6 20.6 30.8



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



#78

Terphenyl-d14

Concen: 123.11 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

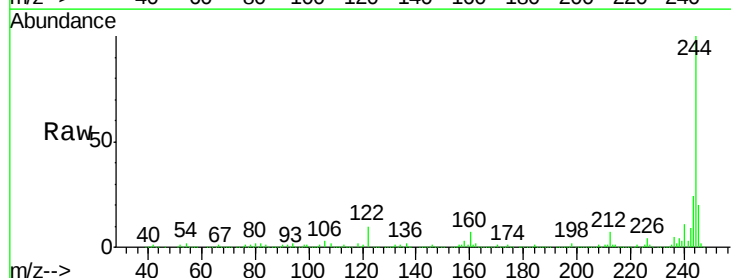
Tgt Ion:244 Resp: 1310722

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

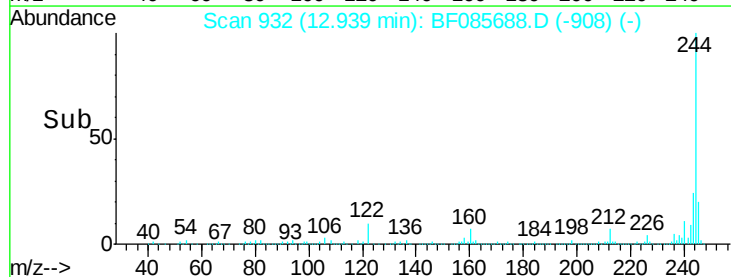
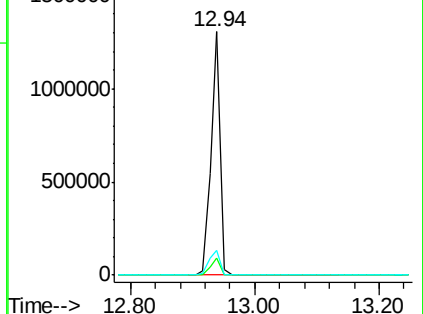
122 9.9 10.2 15.4#

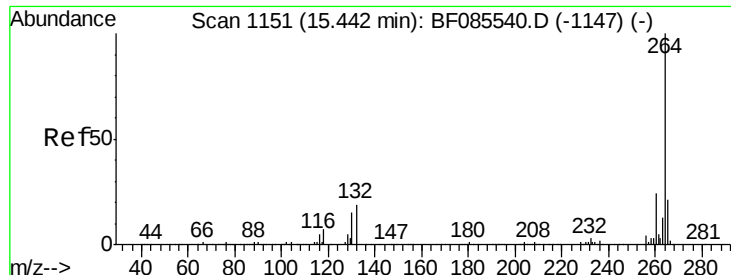


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085688.D
Acq: 23 Mar 2016 6:00

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

Tgt Ion:	264	Resp:	239250
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	17.2	25.8

