

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085561.D
 Acq On : 19 Mar 2016 8:27
 Operator : UM/SJ
 Sample : H1804-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Quant Time: Mar 21 01:38:40 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

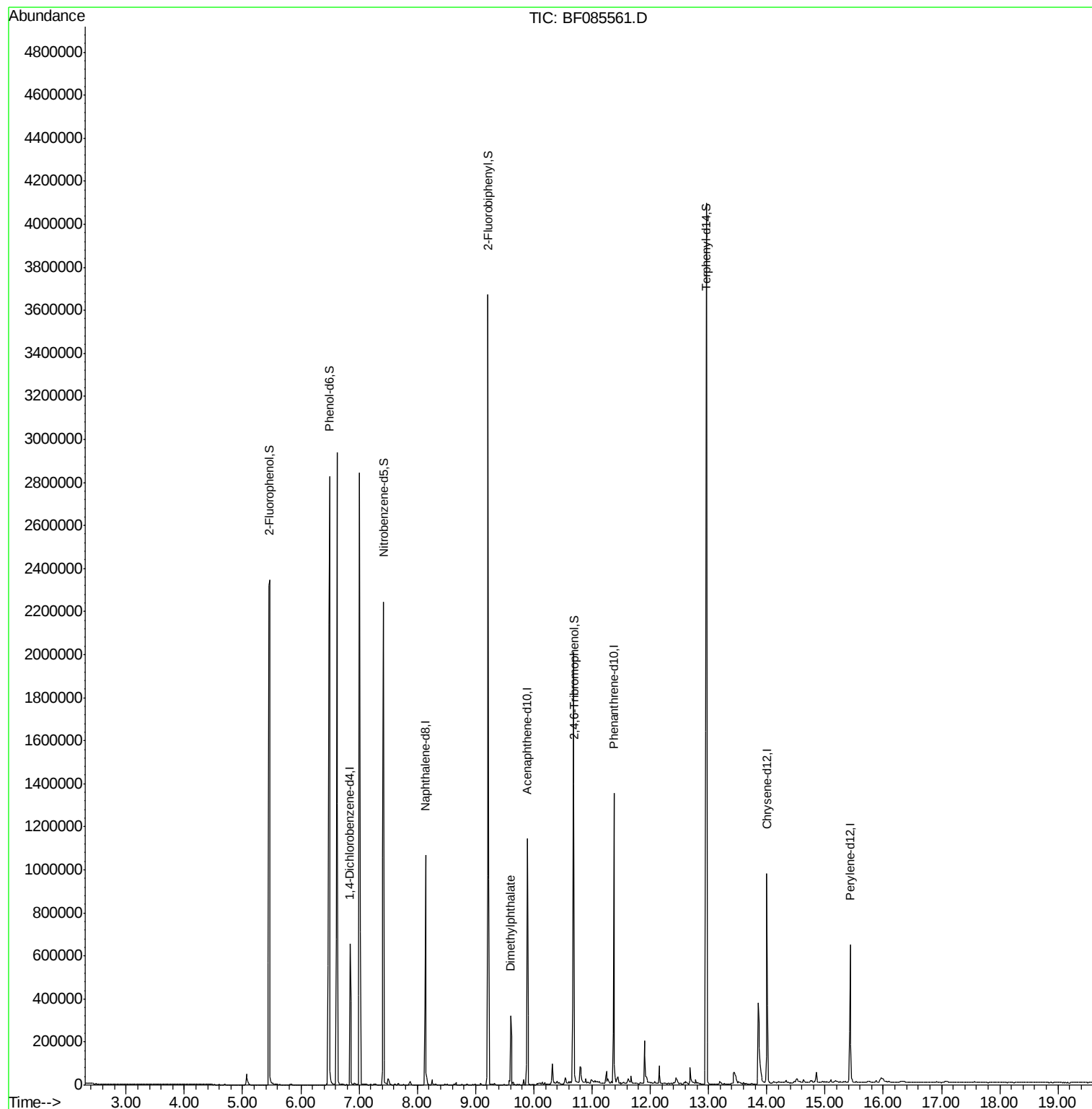
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123195	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	519715	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	226534	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	461387	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	352613	20.00	ng	-0.01
86) Perylene-d12	15.43	264	271484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1147322	156.43	ng	0.01
7) Phenol-d6	6.49	99	1490050	158.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	858668	95.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	387512	174.63	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1332222	107.31	ng	-0.01
78) Terphenyl-d14	12.96	244	1373130	93.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	174925	10.23	ng	Qvalue 99

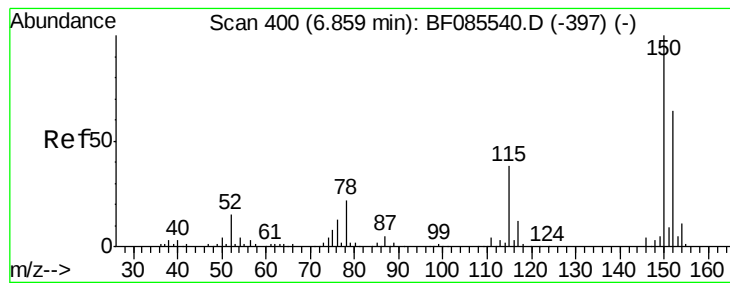
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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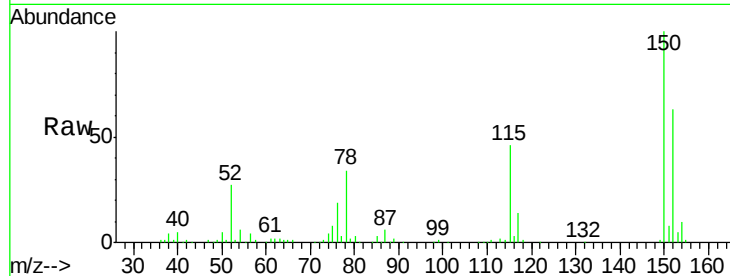




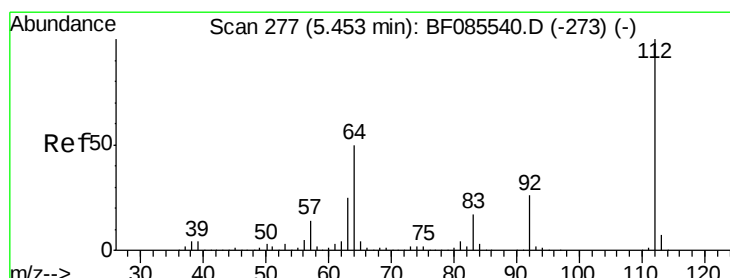
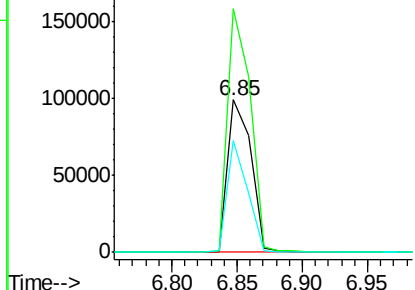
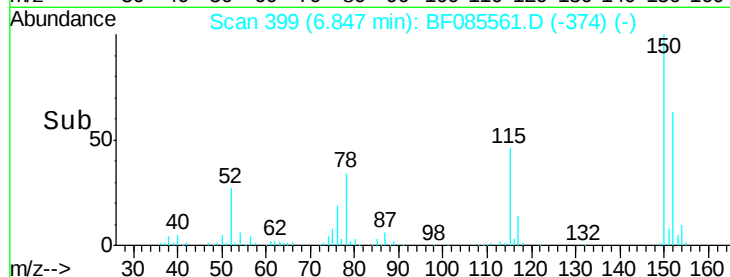
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:152 Resp: 123195
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.2 186.2
 115 73.0 47.0 70.6#

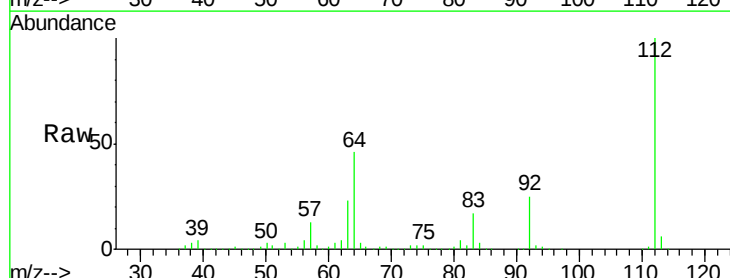


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

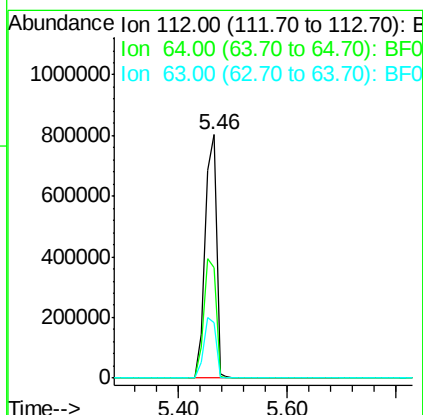
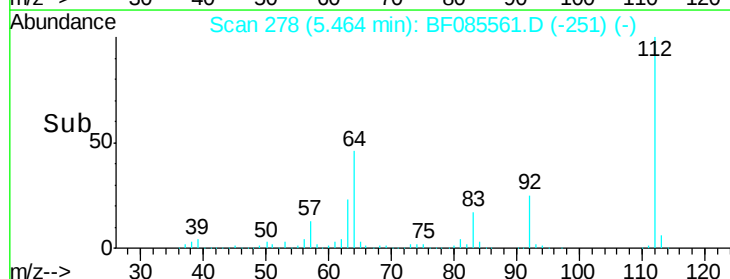


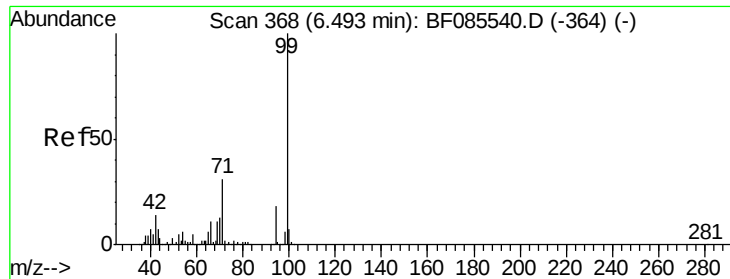
#5
 2-Fluorophenol
 Concen: 156.43 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Tgt Ion:112 Resp: 1147322
 Ion Ratio Lower Upper
 112 100
 64 45.6 39.9 59.9
 63 22.9 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: 158.40 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

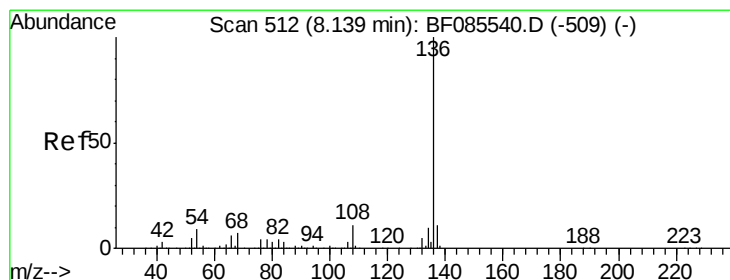
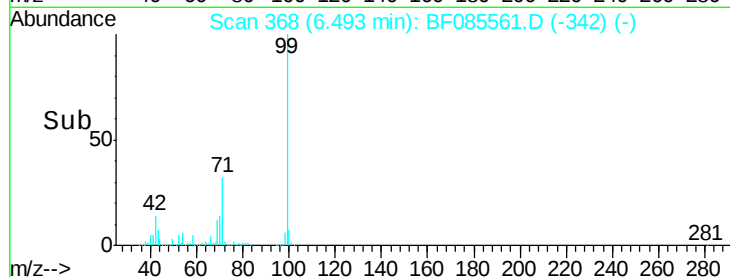
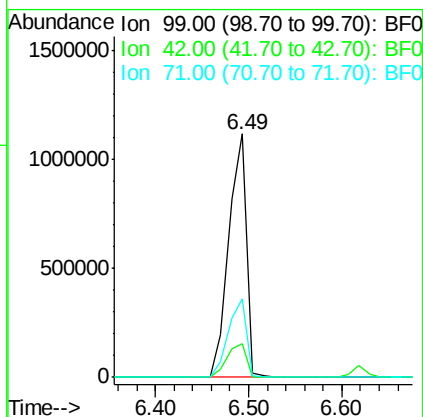
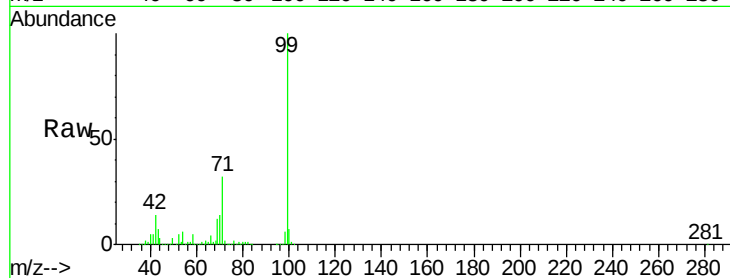
Tgt Ion: 99 Resp: 1490050

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

71 32.2 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Tgt Ion: 136 Resp: 519715

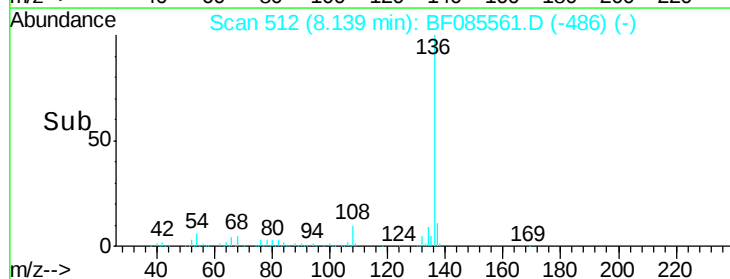
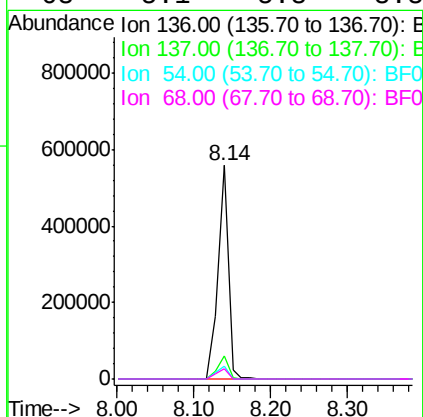
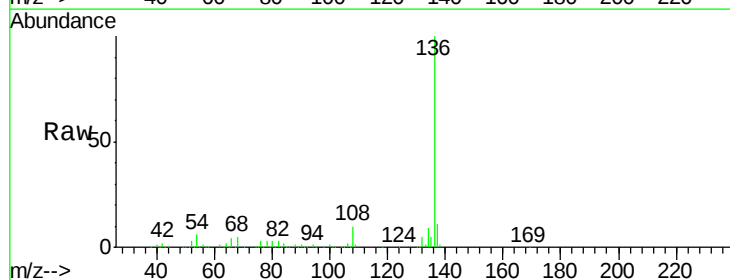
Ion Ratio Lower Upper

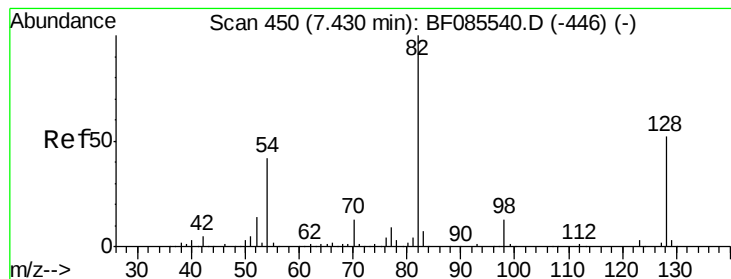
136 100

137 10.7 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 95.90 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

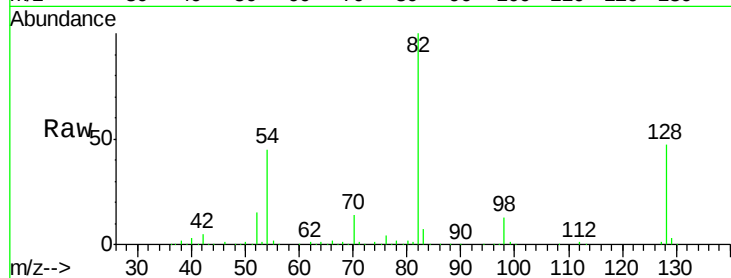
Tgt Ion: 82 Resp: 858668

Ion Ratio Lower Upper

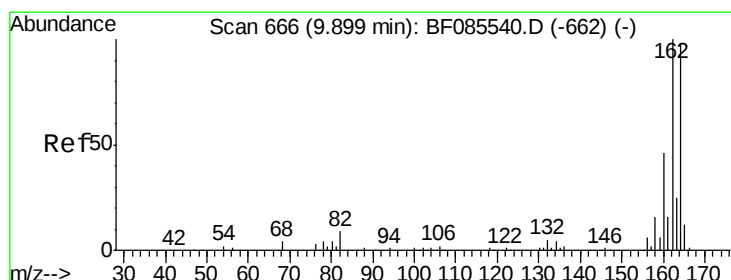
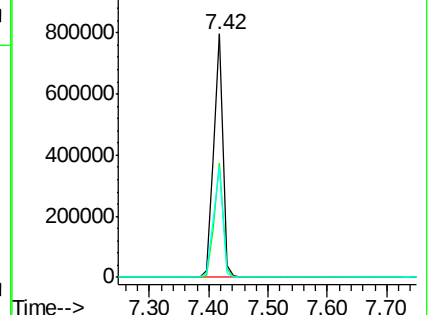
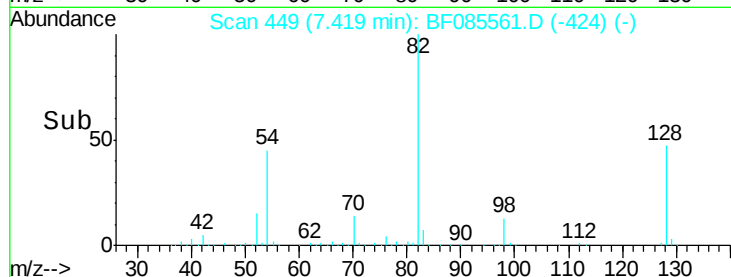
82 100

128 46.8 41.8 62.8

54 45.2 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

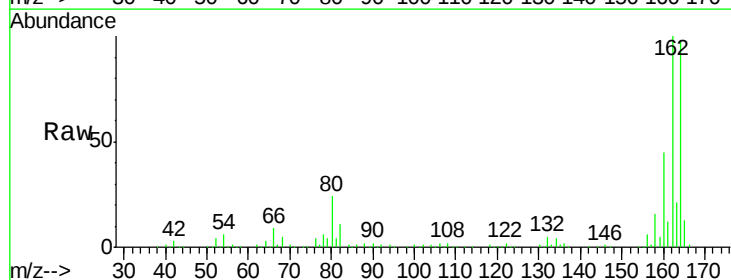
Tgt Ion: 164 Resp: 226534

Ion Ratio Lower Upper

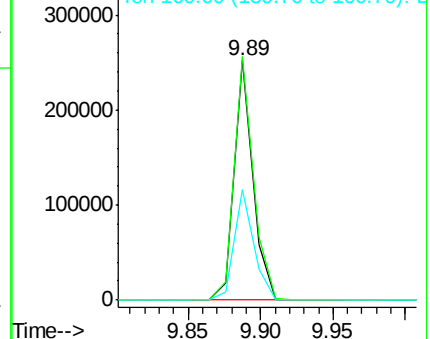
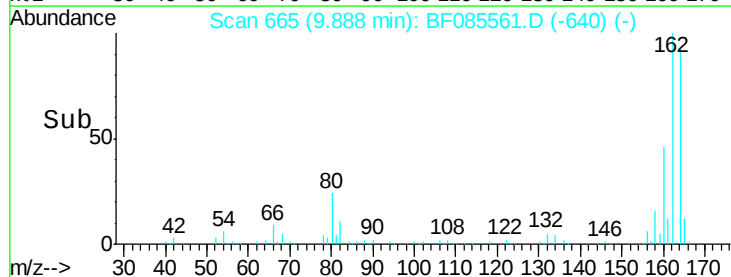
164 100

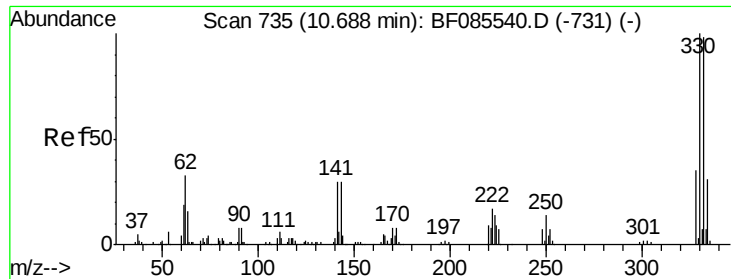
162 101.7 82.1 123.1

160 46.2 37.4 56.2



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

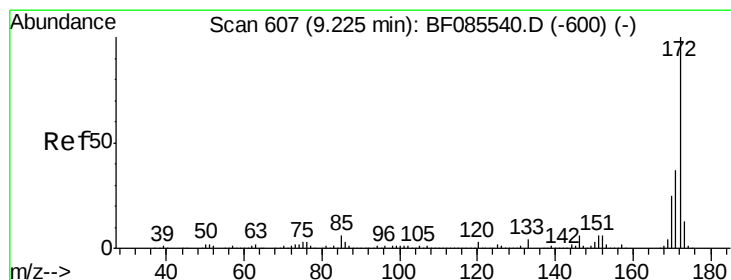
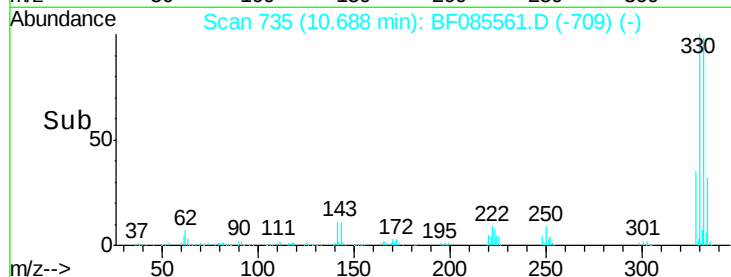
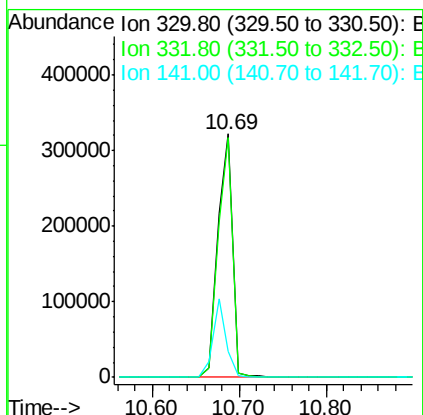
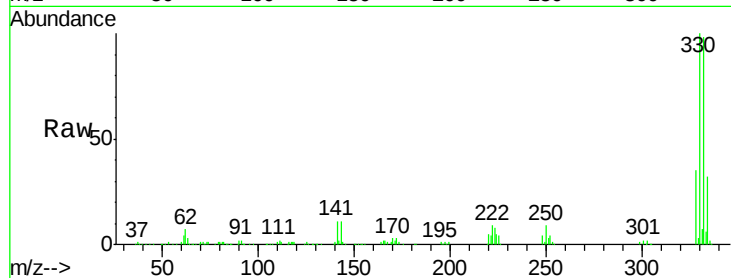




#41
 2,4,6-Tribromophenol
 Concen: 174.63 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

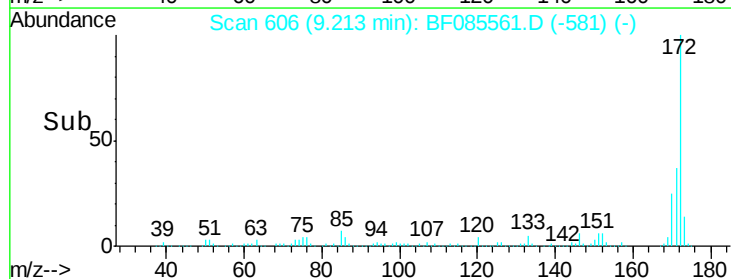
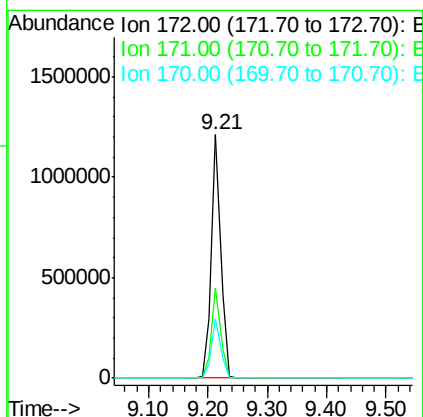
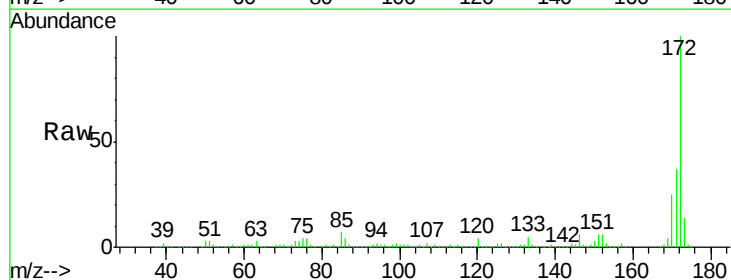
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

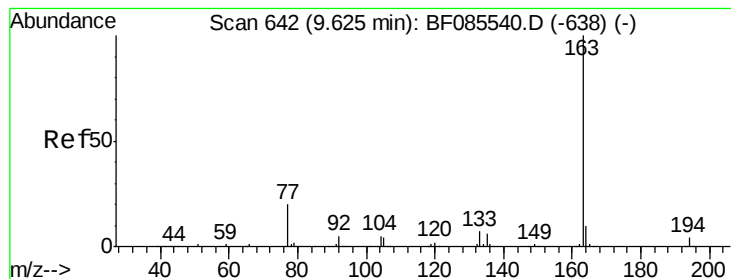
Tgt Ion:330 Resp: 387512
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 28.8 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 107.31 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Tgt Ion:172 Resp: 1332222
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.6 19.8 29.6





#49

Dimethylphthalate

Concen: 10.23 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

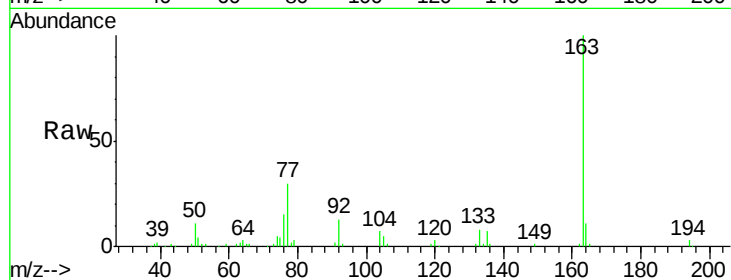
Tgt Ion:163 Resp: 174925

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

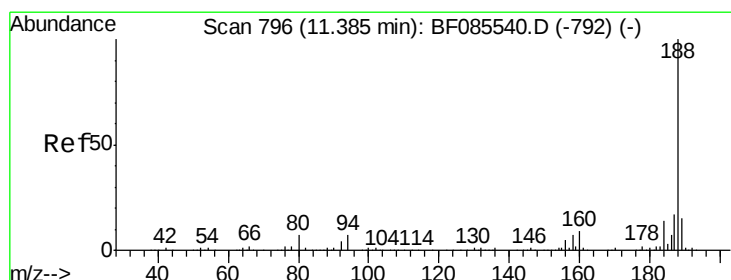
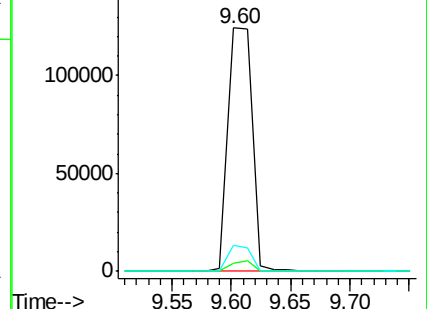
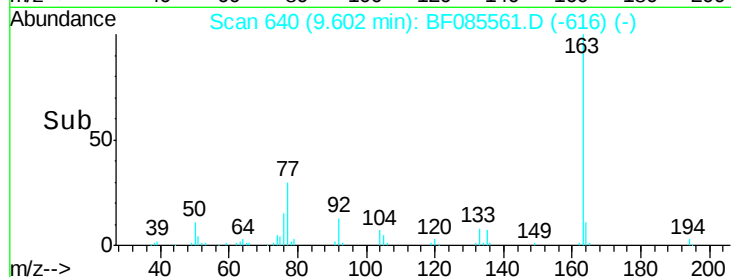
164 10.9 8.3 12.5



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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

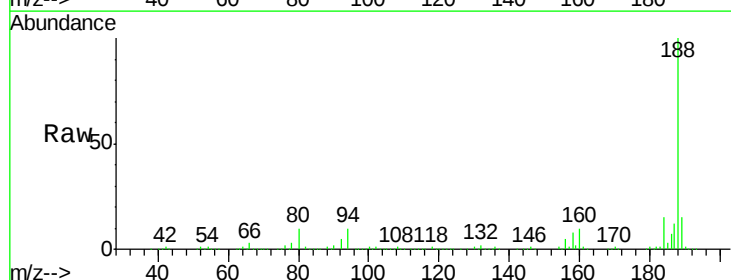
Tgt Ion:188 Resp: 461387

Ion Ratio Lower Upper

188 100

94 9.6 5.4 8.0#

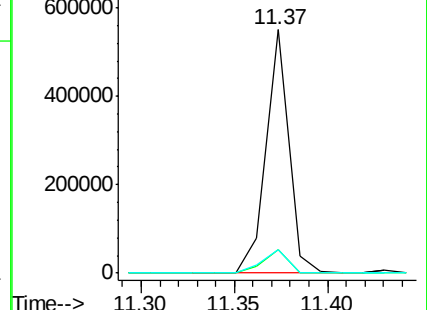
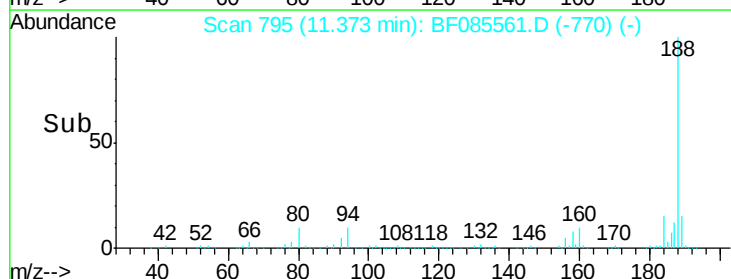
80 9.8 5.5 8.3#

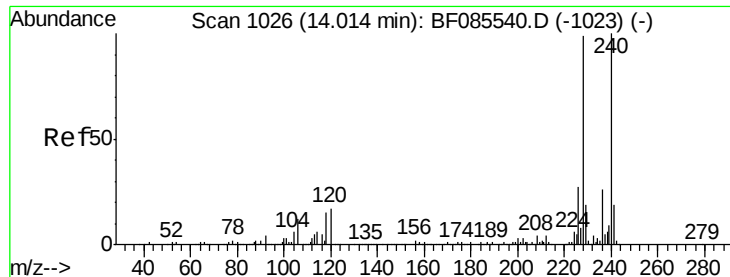


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

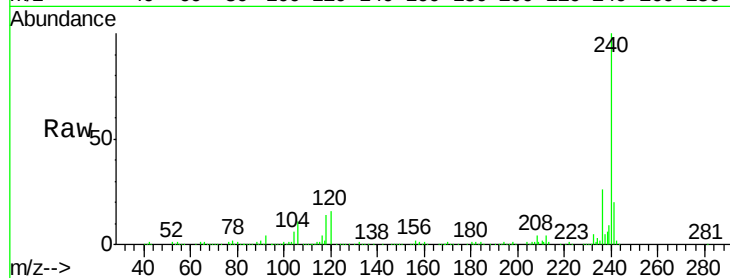
Tgt Ion:240 Resp: 352613

Ion Ratio Lower Upper

240 100

120 16.2 13.8 20.8

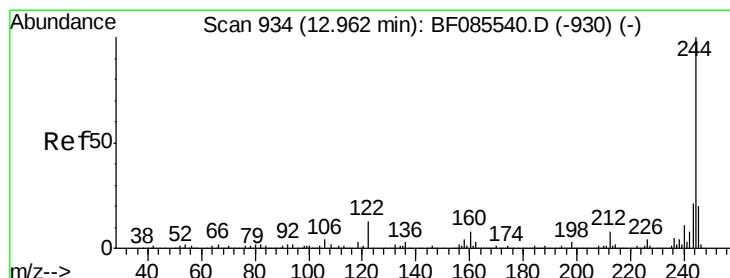
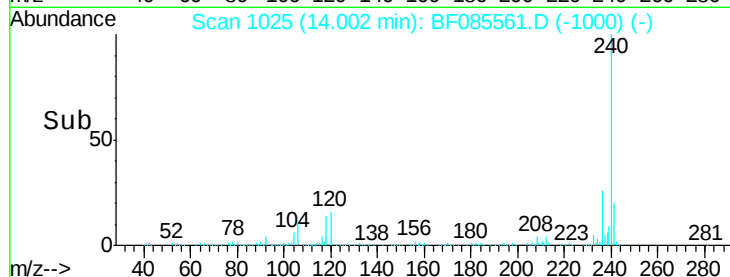
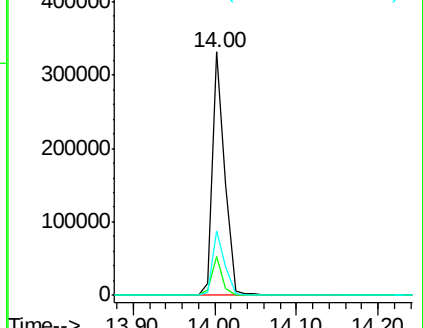
236 26.4 20.6 30.8



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: 93.71 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

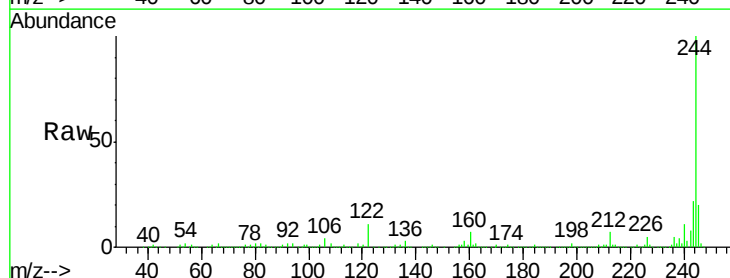
Tgt Ion:244 Resp: 1373130

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

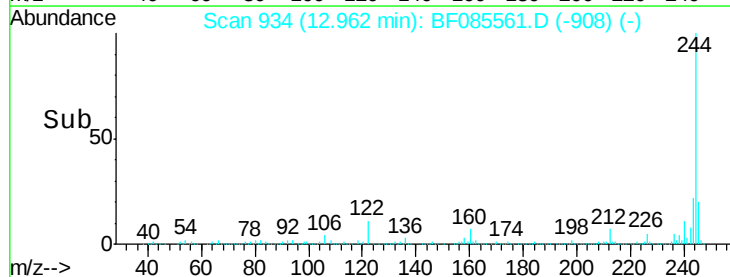
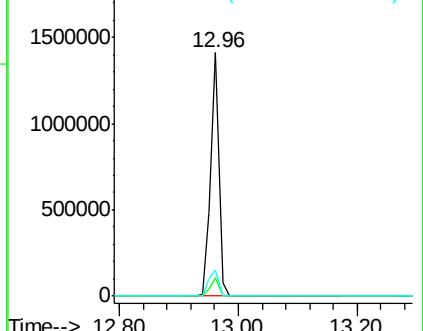
122 10.8 10.2 15.4

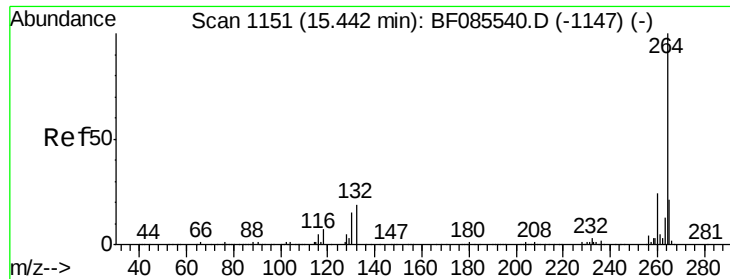


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085561.D

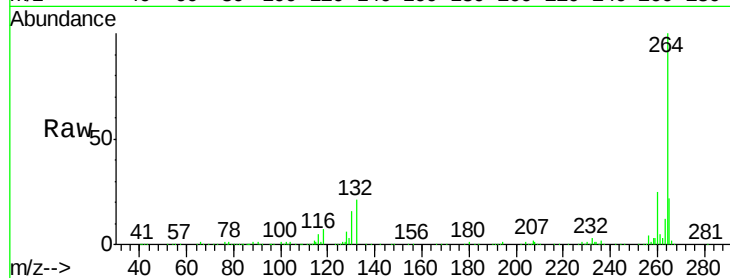
Acq: 19 Mar 2016 8:27

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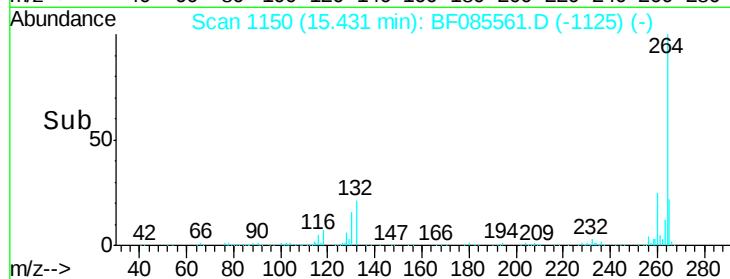
Tgt Ion: 264 Resp: 271484

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

300000

250000

200000

150000

100000

50000

0

15.43

15.30

15.40

15.50

15.60

Time-->