

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085693.D
 Acq On : 23 Mar 2016 8:19
 Operator : UM/SJ
 Sample : H1857-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(10-11)

Quant Time: Mar 23 13:56:11 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

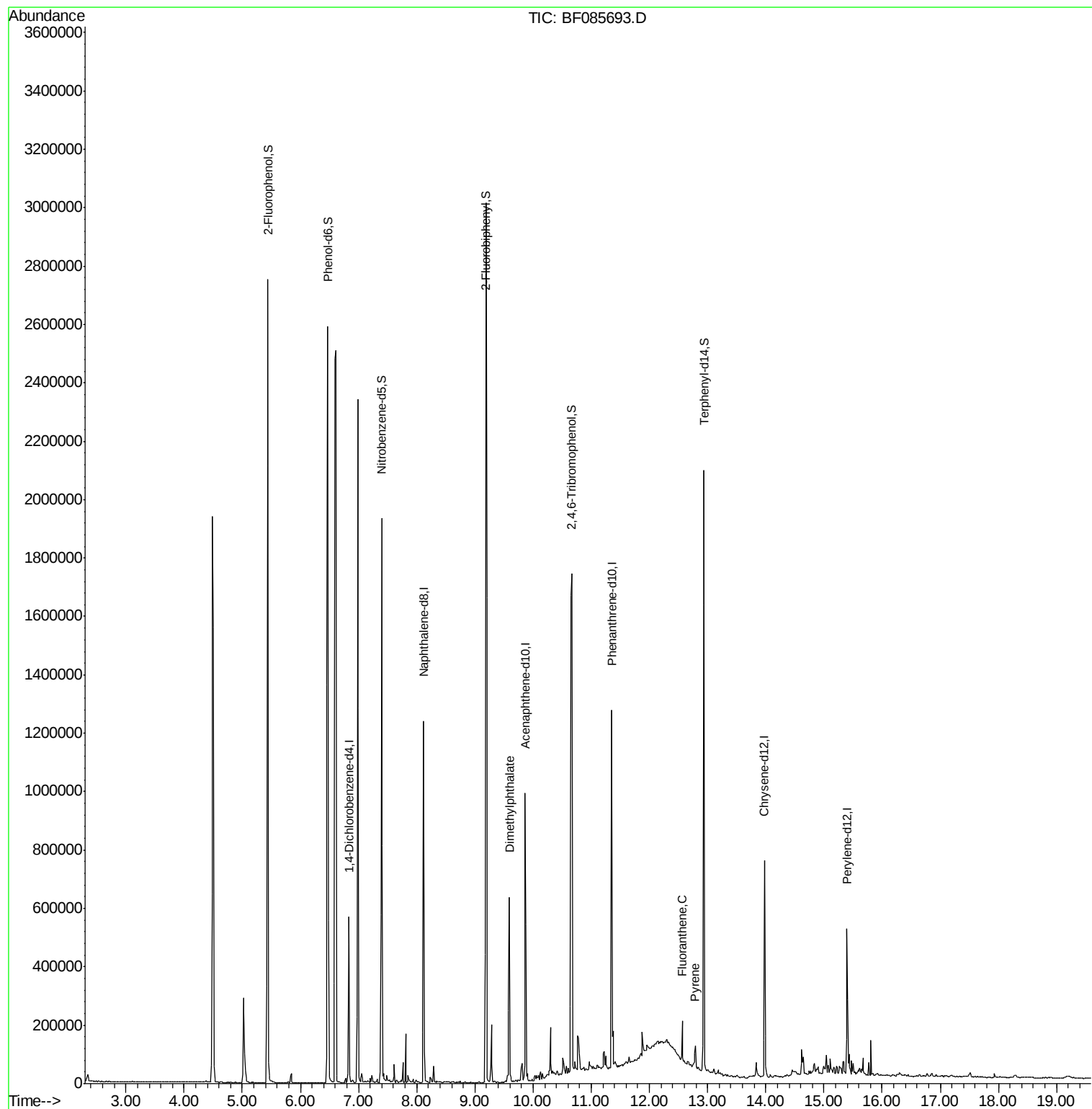
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123880	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	527493	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	226716	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	404699	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	232001	20.00	ng	-0.03
86) Perylene-d12	15.40	264	222121	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1122520	152.20	ng	-0.01
7) Phenol-d6	6.47	99	1242532	131.36	ng	-0.02
23) Nitrobenzene-d5	7.40	82	824863	90.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	371090	167.10	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1234416	95.98	ng	-0.03
78) Terphenyl-d14	12.94	244	873430	90.59	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	280876	16.42	ng	99
74) Fluoranthene	12.56	202	46824	2.10	ng	93
77) Pyrene	12.79	202	37955	2.28	ng	99

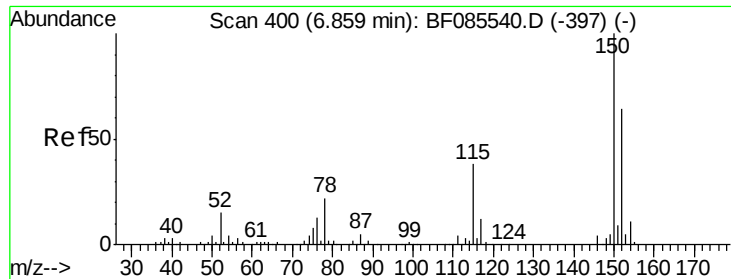
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

SB-05(10-11)

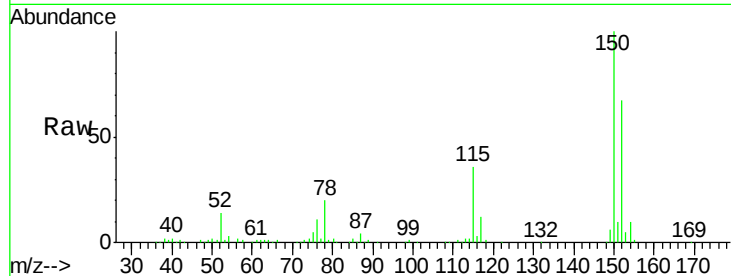
Tgt Ion:152 Resp: 123880

Ion Ratio Lower Upper

152 100

150 150.2 124.2 186.2

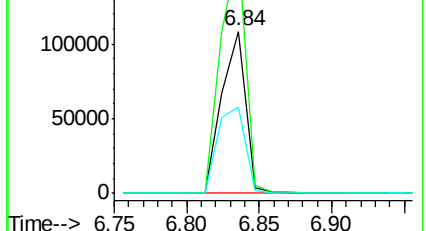
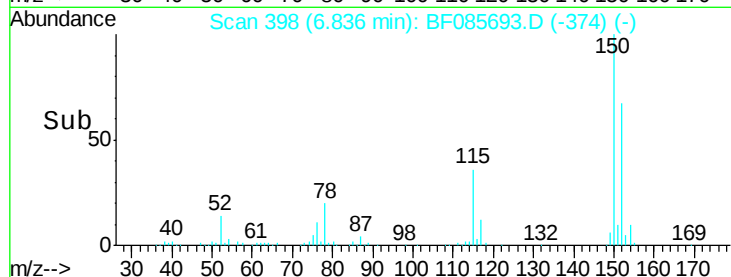
115 53.5 47.0 70.6



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: 152.20 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

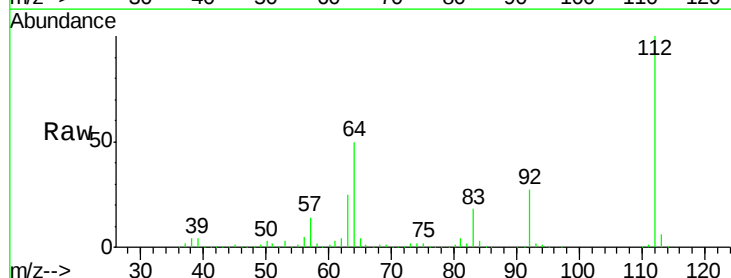
Tgt Ion:112 Resp: 1122520

Ion Ratio Lower Upper

112 100

64 50.1 39.9 59.9

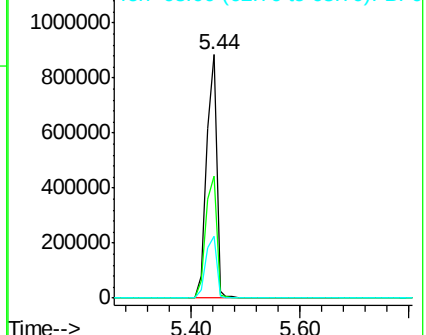
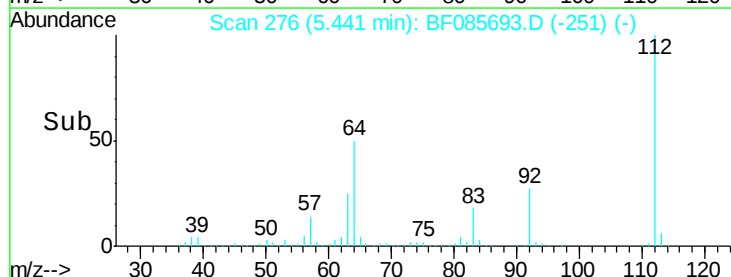
63 25.4 20.2 30.2



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: 131.36 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

SB-05(10-11)

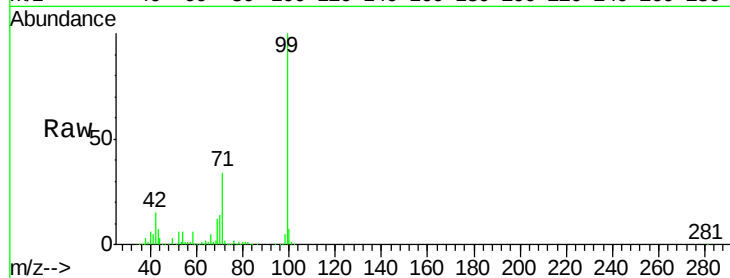
Tgt Ion: 99 Resp: 1242532

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

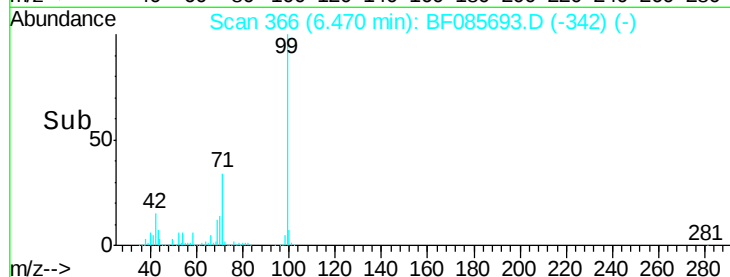
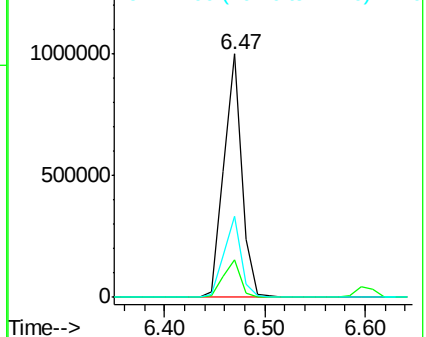
71 33.5 24.9 37.3



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: BF085693.D

Acq: 23 Mar 2016 8:19

Tgt Ion: 136 Resp: 527493

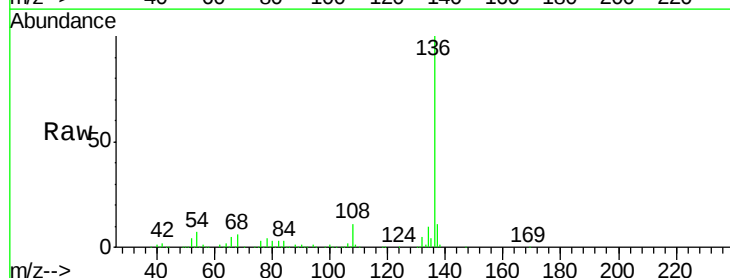
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.0 7.4 11.0#

68 5.9 5.8 8.8

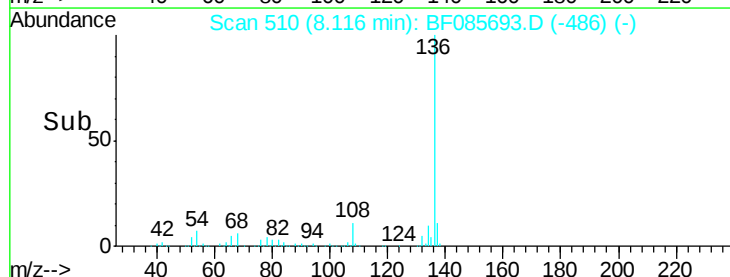
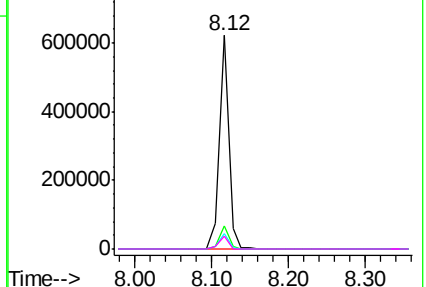


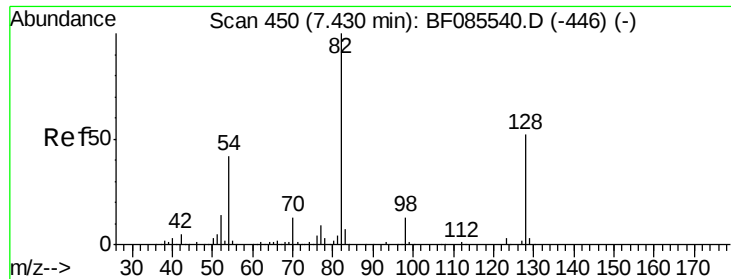
Abundance Ion 136.00 (135.70 to 136.70): E

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

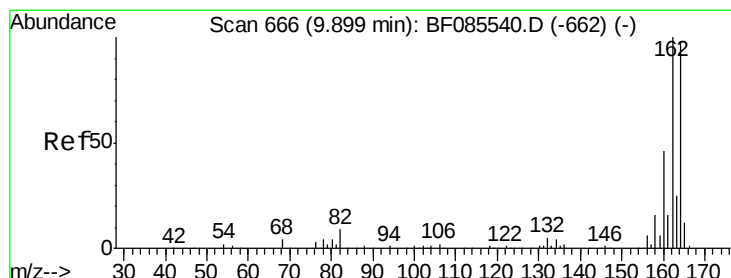
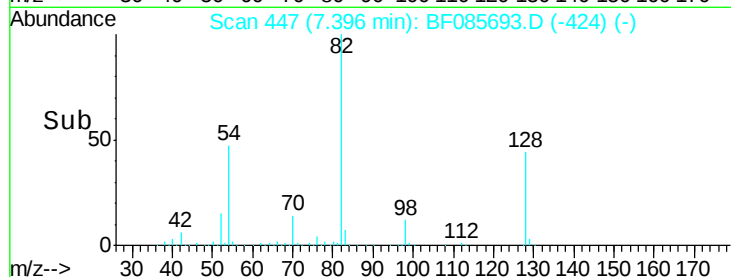
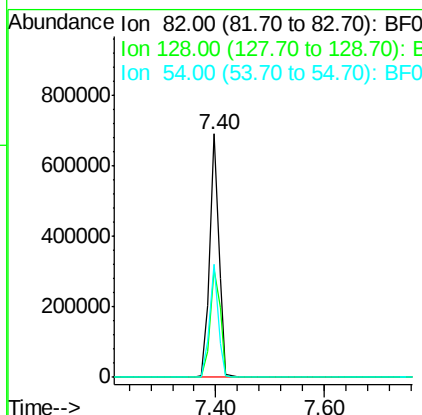
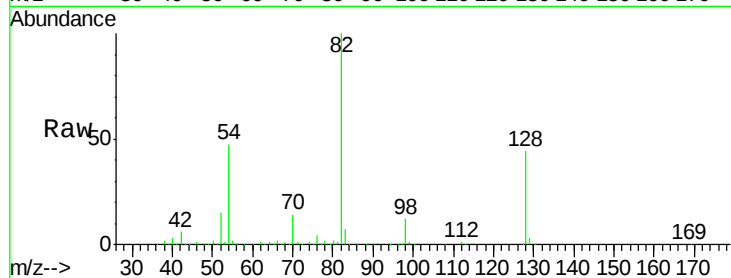




#23
 Nitrobenzene-d5
 Concen: 90.77 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

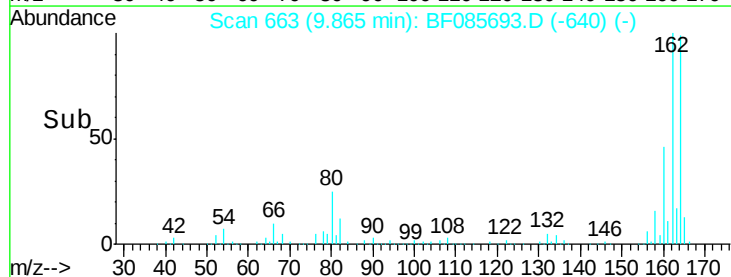
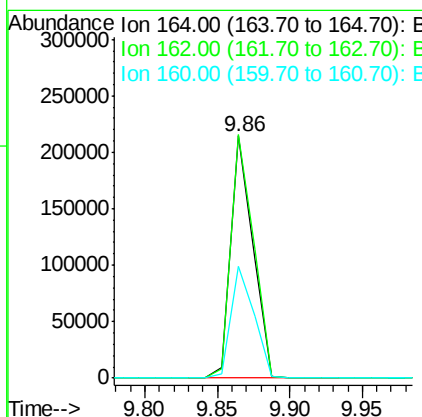
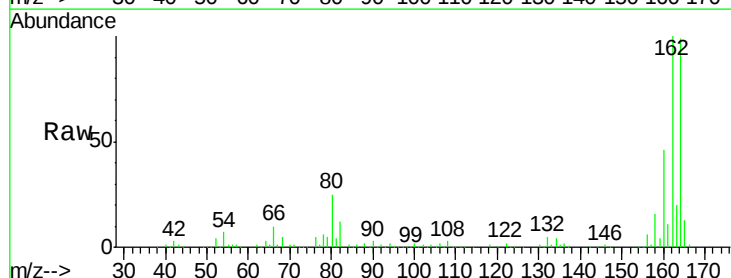
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(10-11)

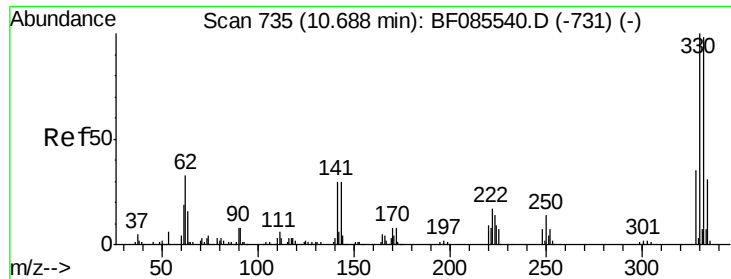
Tgt Ion: 82 Resp: 824863
 Ion Ratio Lower Upper
 82 100
 128 44.2 41.8 62.8
 54 46.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion: 164 Resp: 226716
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.1 123.1
 160 46.1 37.4 56.2

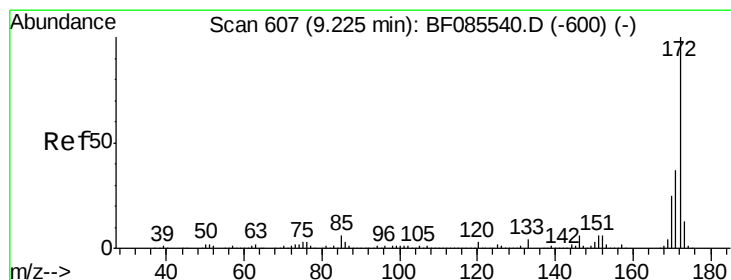
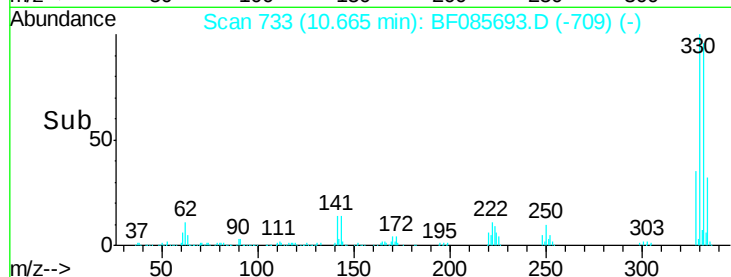
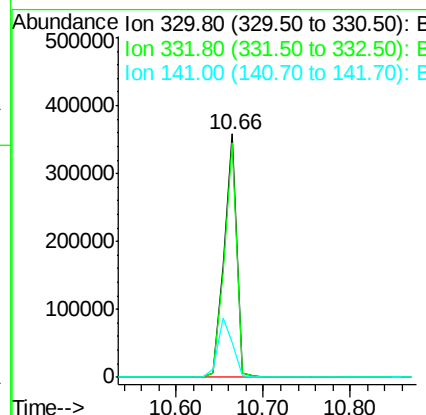
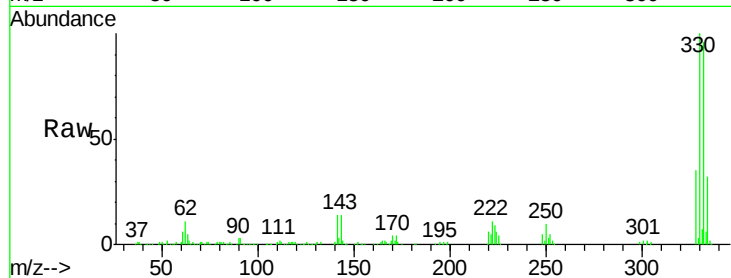




#41
 2,4,6-Tribromophenol
 Concen: 167.10 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

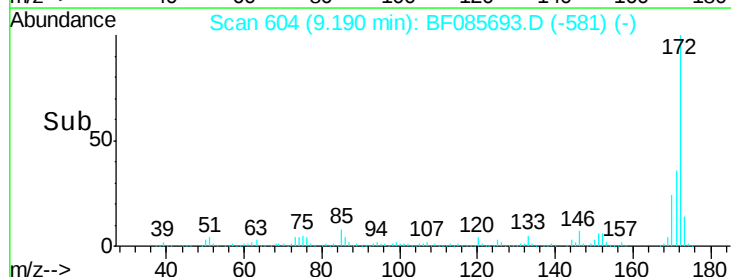
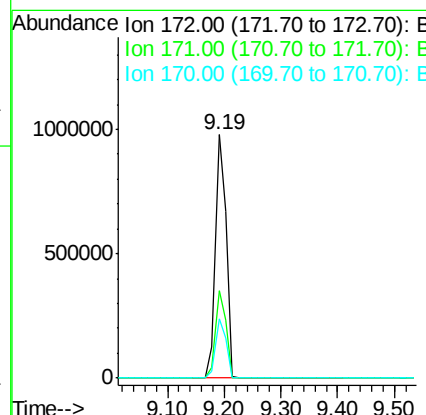
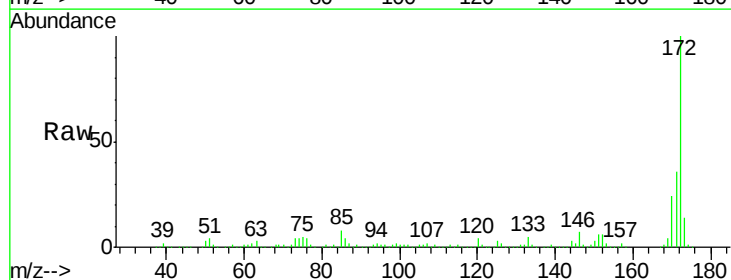
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(10-11)

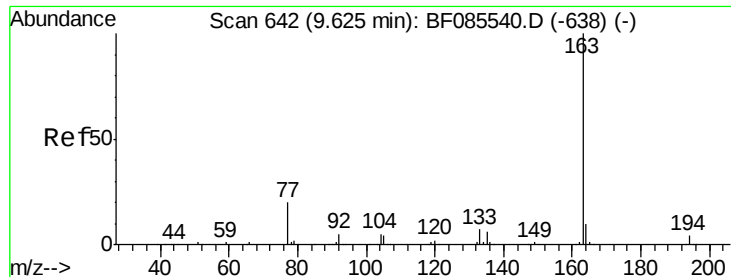
Tgt Ion:330 Resp: 371090
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 29.2 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 95.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion:172 Resp: 1234416
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.1 19.8 29.6





#49

Dimethylphthalate

Concen: 16.42 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

SB-05(10-11)

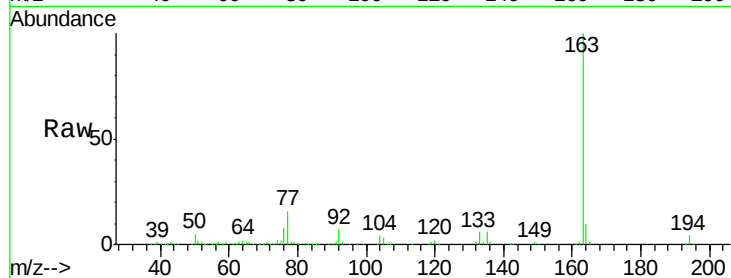
Tgt Ion:163 Resp: 280876

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

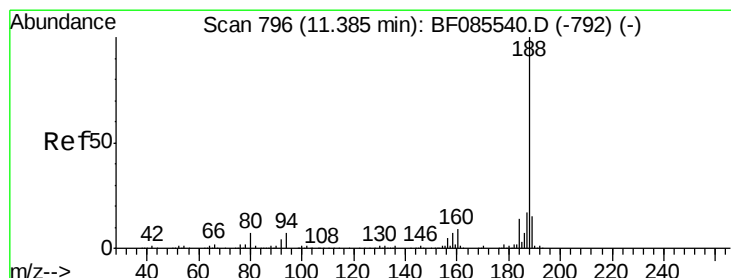
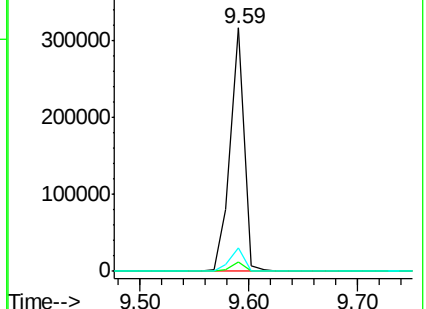
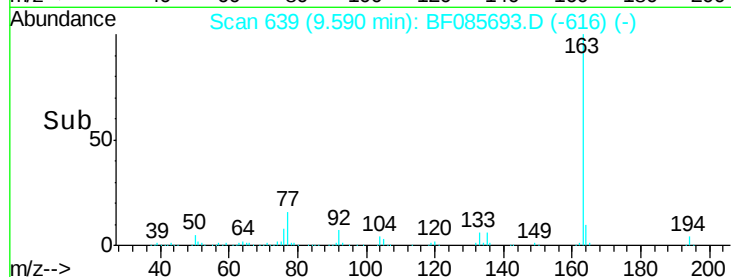
164 9.8 8.3 12.5



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: BF085693.D

Acq: 23 Mar 2016 8:19

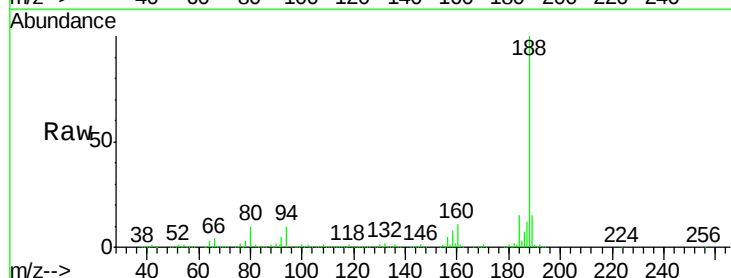
Tgt Ion:188 Resp: 404699

Ion Ratio Lower Upper

188 100

94 10.0 5.4 8.0#

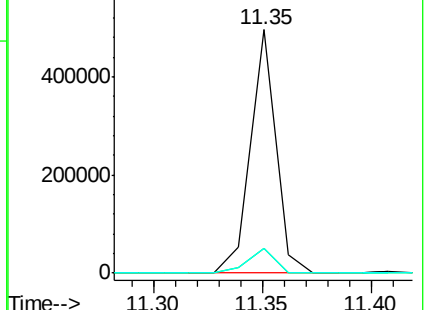
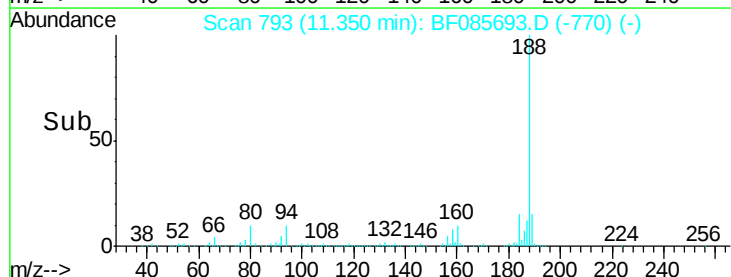
80 10.4 5.5 8.3#

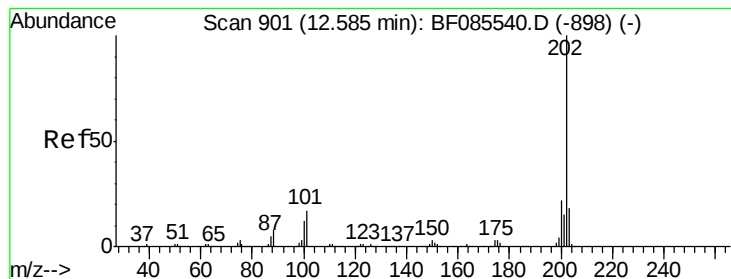


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.10 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

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SB-05(10-11)

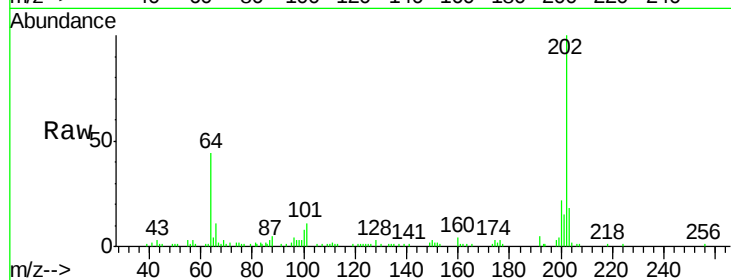
Tgt Ion: 202 Resp: 46824

Ion Ratio Lower Upper

202 100

101 11.2 0.0 36.6

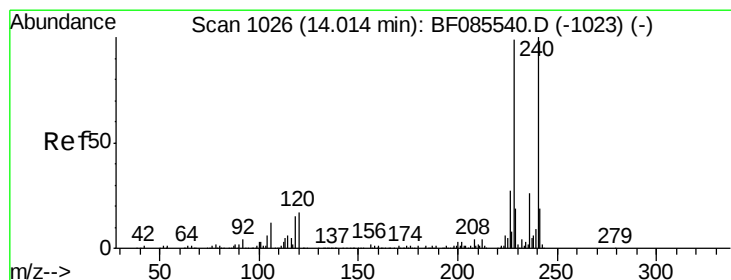
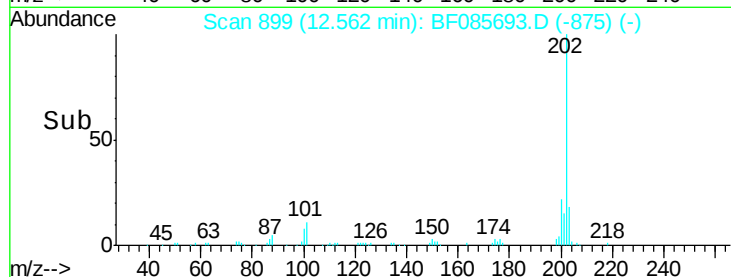
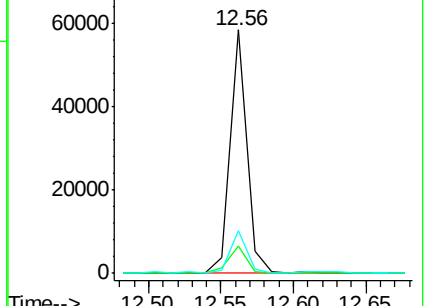
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

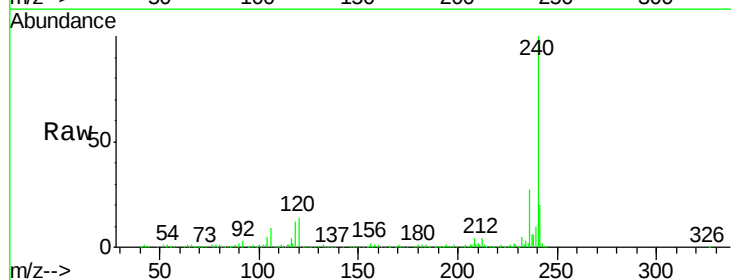
Tgt Ion: 240 Resp: 232001

Ion Ratio Lower Upper

240 100

120 14.1 13.8 20.8

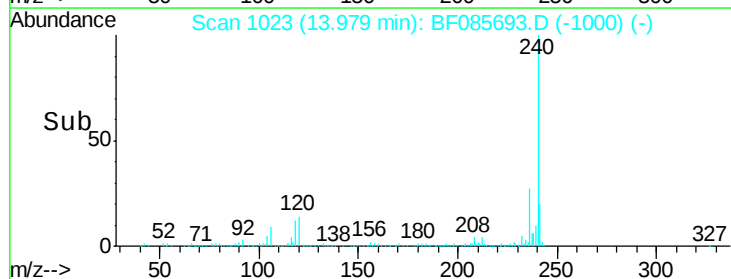
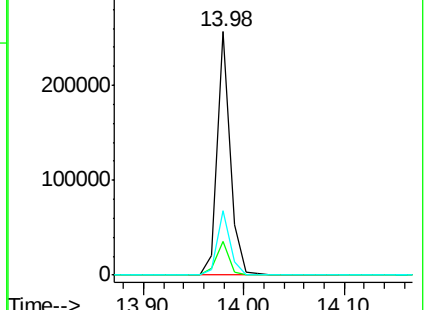
236 26.7 20.6 30.8

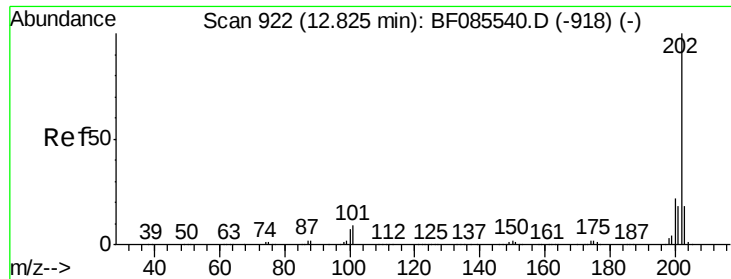


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

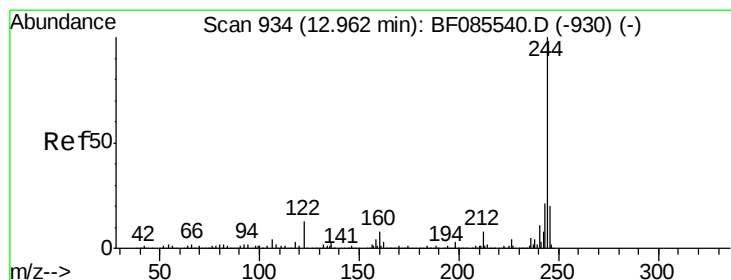
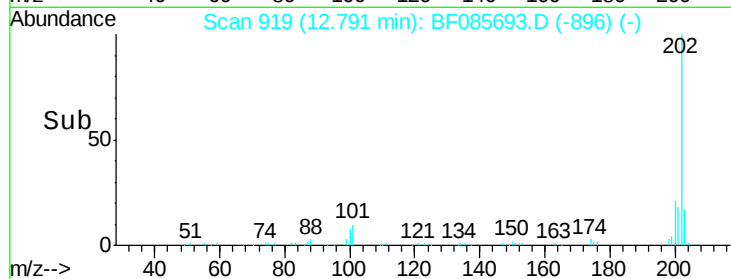
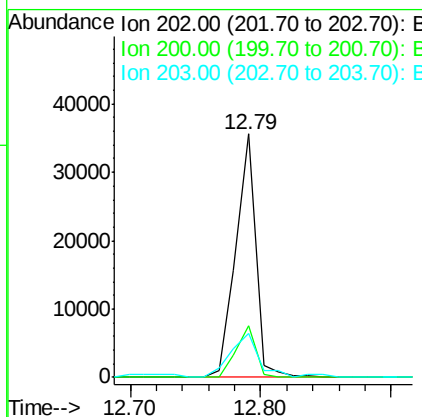
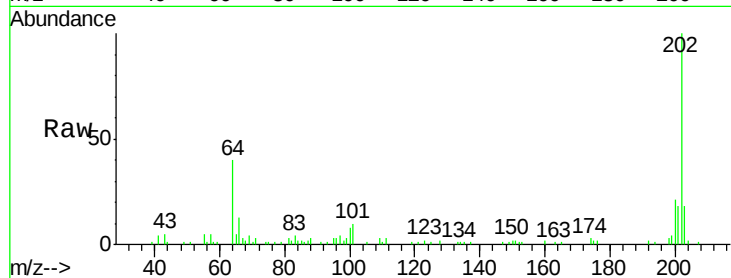




#77
 Pyrene
 Concen: 2.28 ng
 RT: 12.79 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

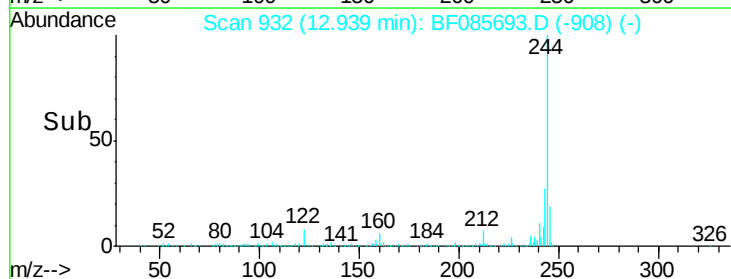
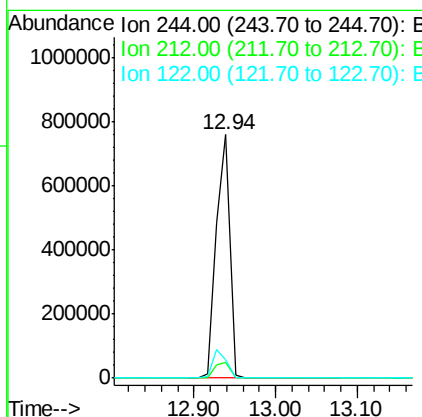
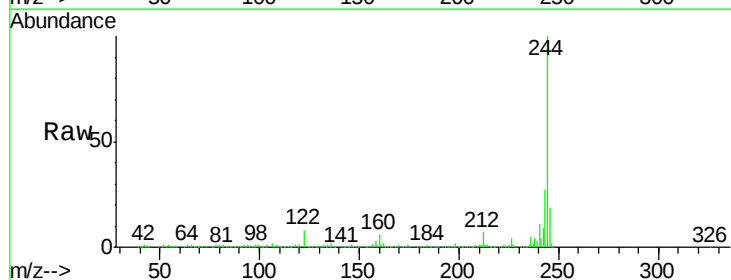
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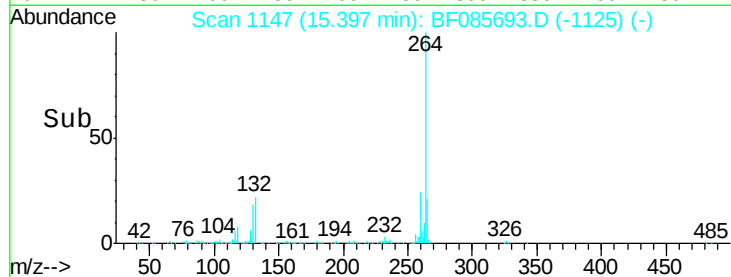
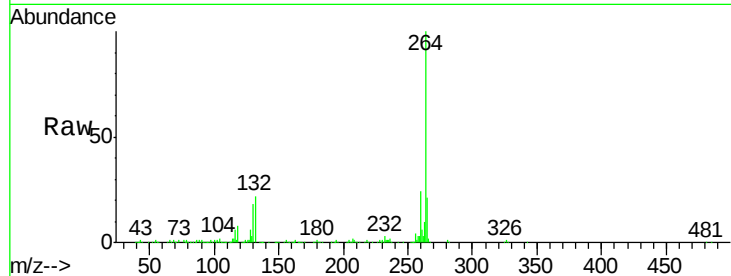
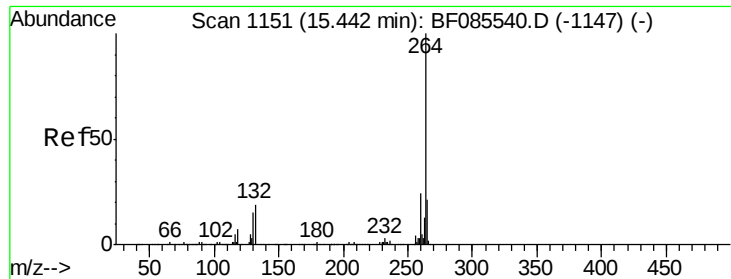
Tgt Ion: 202 Resp: 37955
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 18.0 14.0 21.0



#78
 Terphenyl-d14
 Concen: 90.59 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085693.D
 Acq: 23 Mar 2016 8:19

Tgt Ion: 244 Resp: 873430
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 7.6 10.2 15.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF085693.D

Acq: 23 Mar 2016 8:19

Instrument :

BNA_F

ClientSampleId :

SB-05(10-11)

Tgt Ion: 264 Resp: 222121

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.2 17.2 25.8

