

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085648.D
 Acq On : 22 Mar 2016 5:45
 Operator : UM/SJ
 Sample : H1840-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Quant Time: Mar 22 06:26:58 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

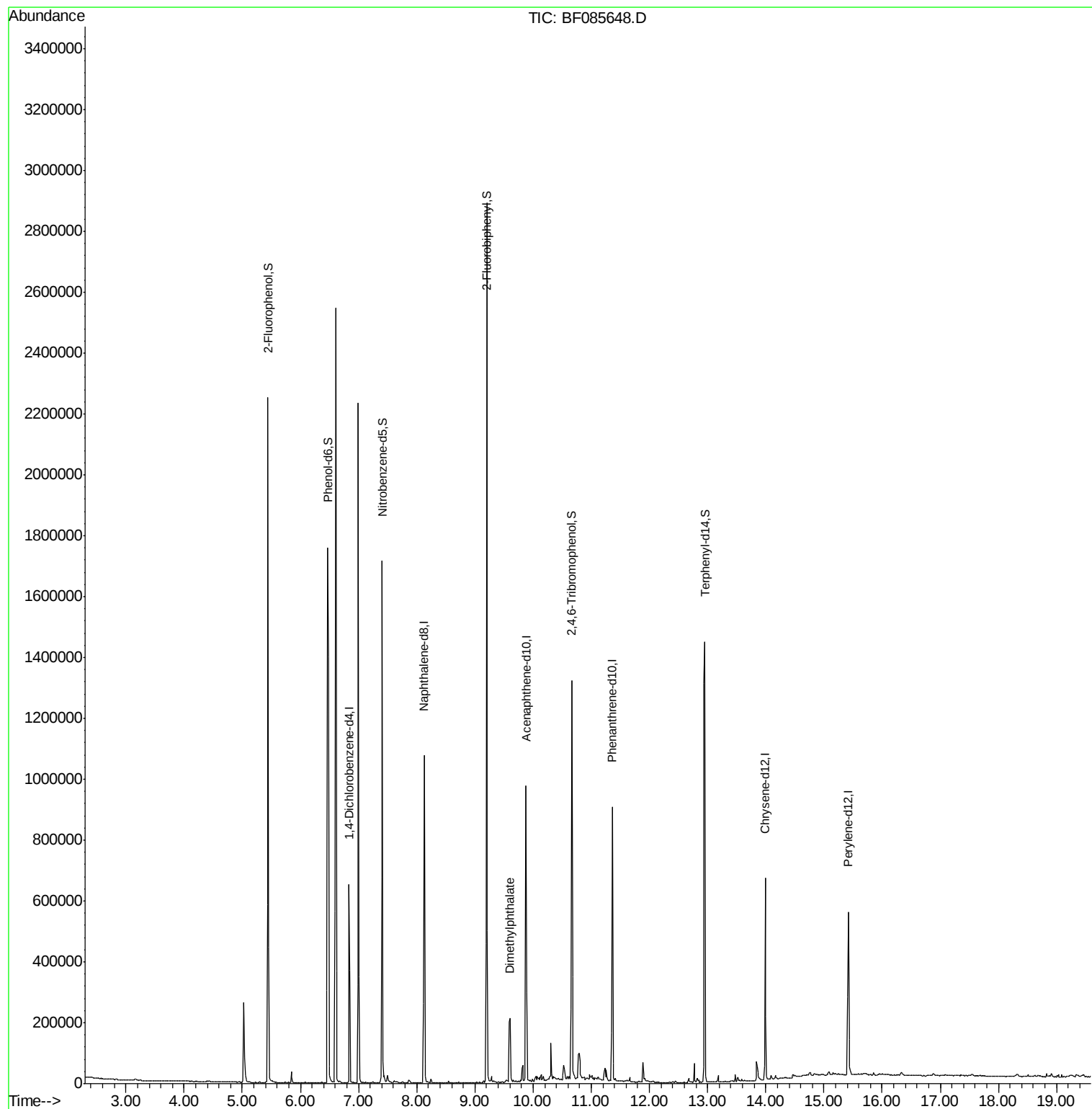
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118699	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	490290	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	194981	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	308689	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	230433	20.00	ng	-0.02
86) Perylene-d12	15.42	264	238753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	707339	100.09	ng	-0.01
7) Phenol-d6	6.47	99	975262	107.60	ng	-0.02
23) Nitrobenzene-d5	7.41	82	620905	73.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	162875	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	913634	78.37	ng	-0.02
78) Terphenyl-d14	12.95	244	654433	68.34	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	121321	8.25	ng	Qvalue 97

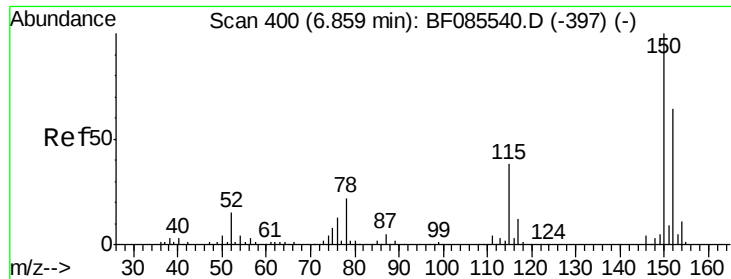
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

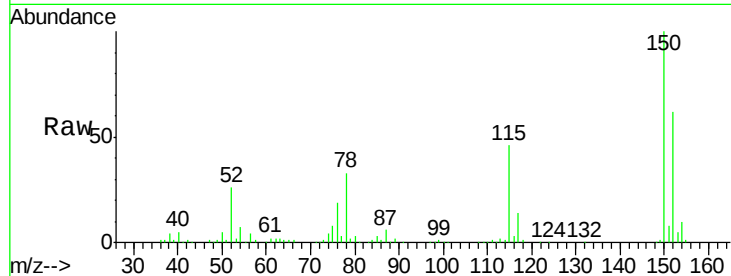
Tgt Ion:152 Resp: 118699

Ion Ratio Lower Upper

152 100

150 160.4 124.2 186.2

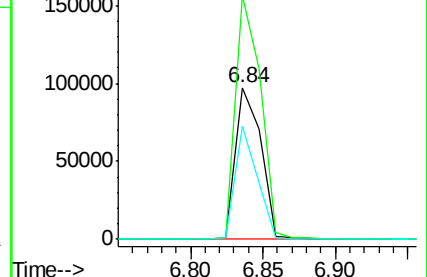
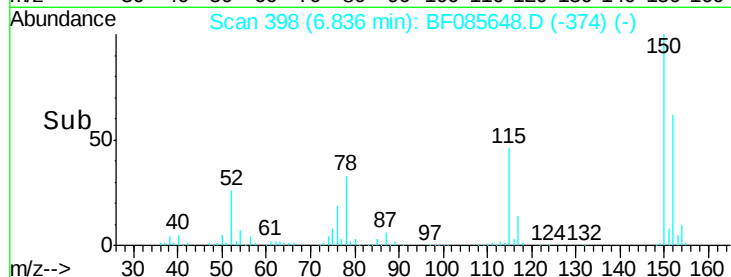
115 74.1 47.0 70.6#



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: 100.09 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

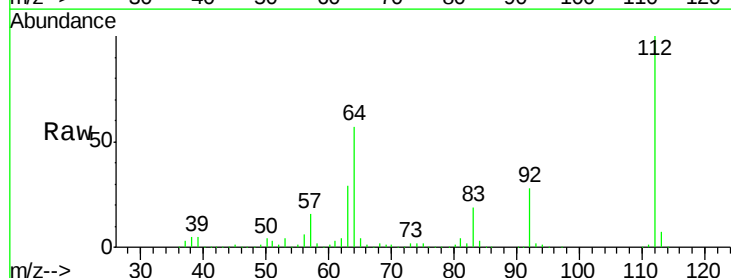
Tgt Ion:112 Resp: 707339

Ion Ratio Lower Upper

112 100

64 56.7 39.9 59.9

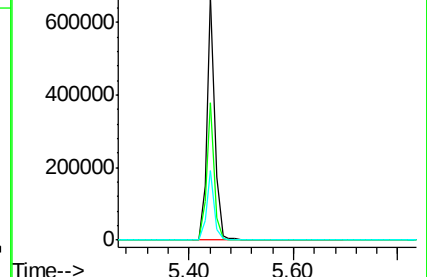
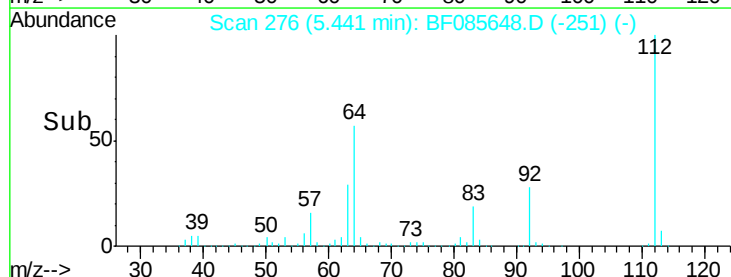
63 28.8 20.2 30.2



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: 107.60 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

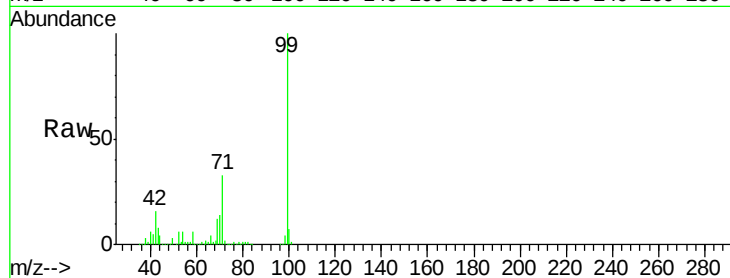
Tgt Ion: 99 Resp: 975262

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

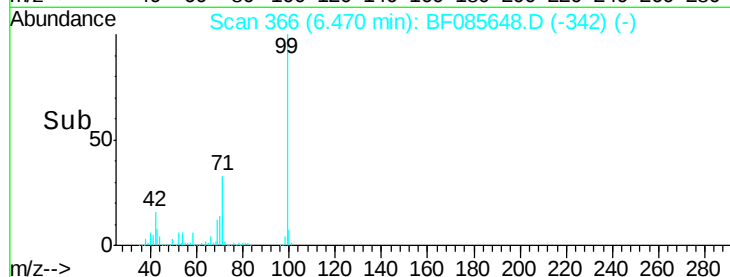
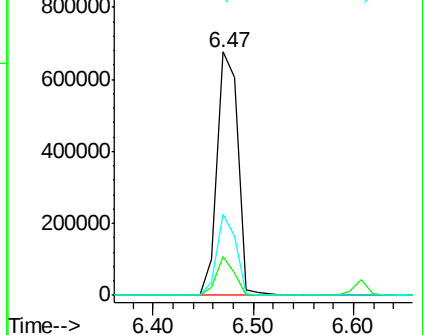
71 33.1 24.9 37.3



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Tgt Ion: 136 Resp: 490290

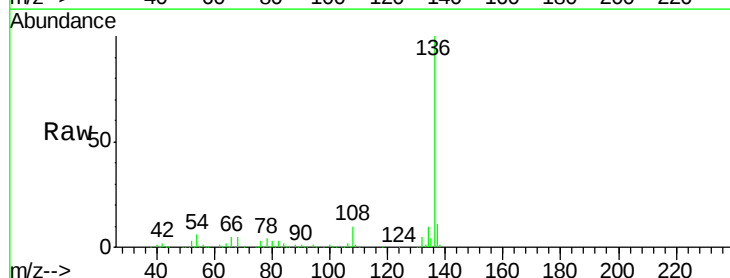
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 7.4 11.0#

68 5.4 5.8 8.8#

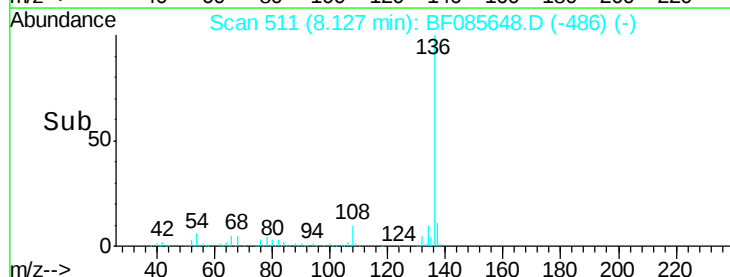
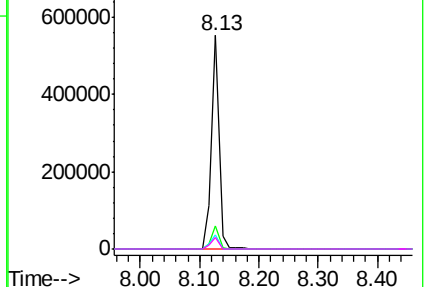


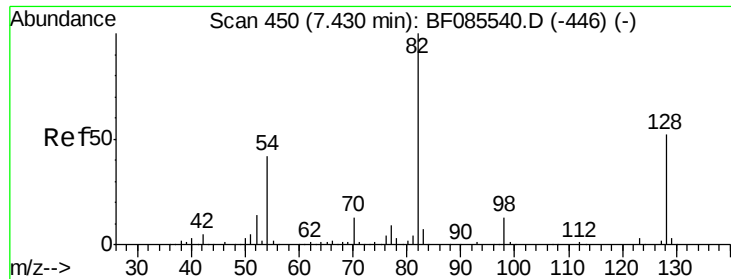
Abundance Ion 136.00 (135.70 to 136.70): E

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

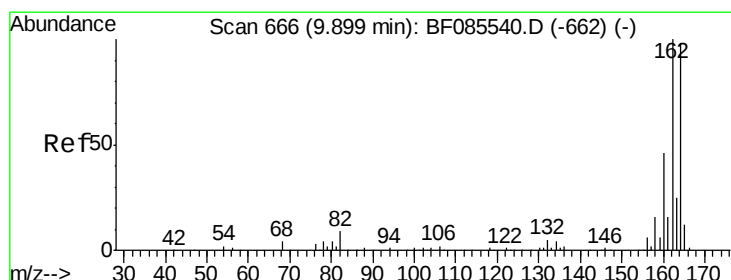
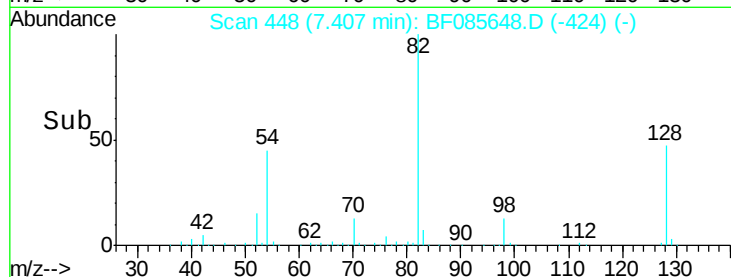
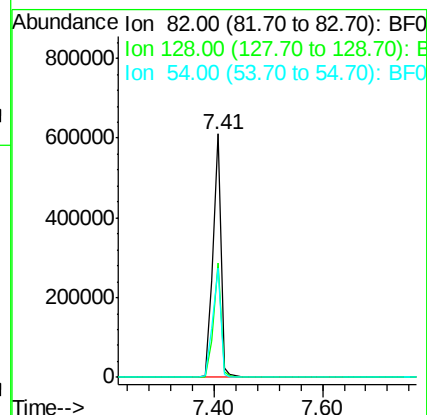
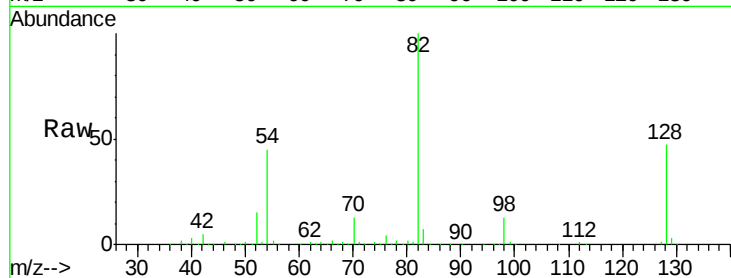




#23
 Nitrobenzene-d5
 Concen: 73.51 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

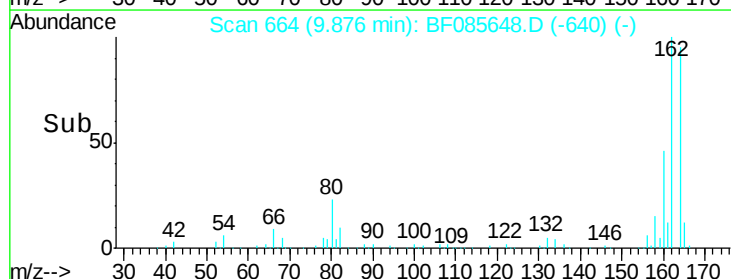
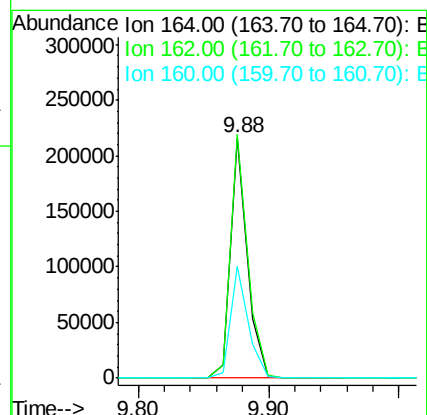
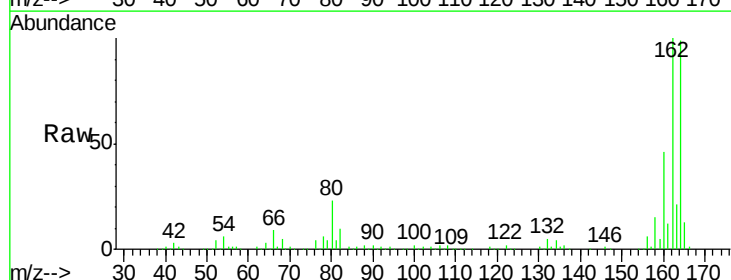
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

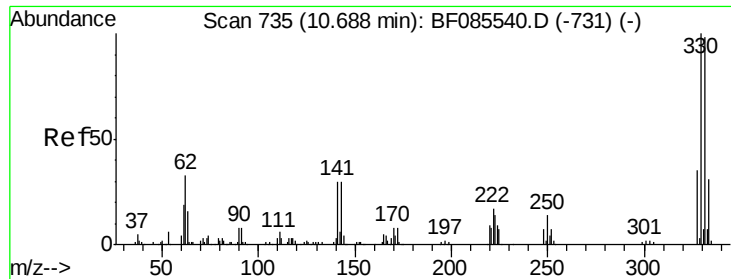
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	45.0	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	46.7	37.4	56.2

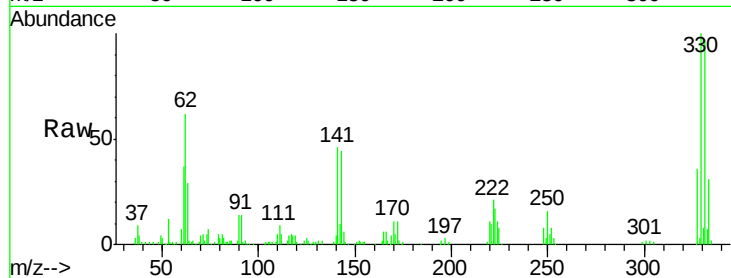




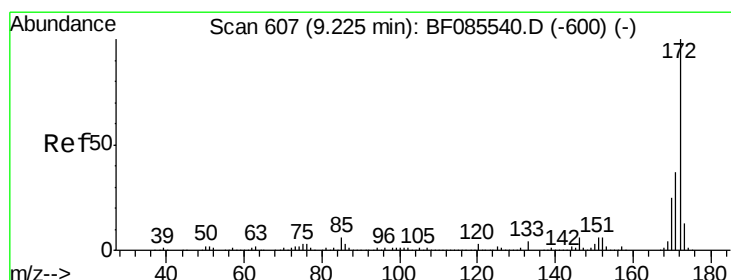
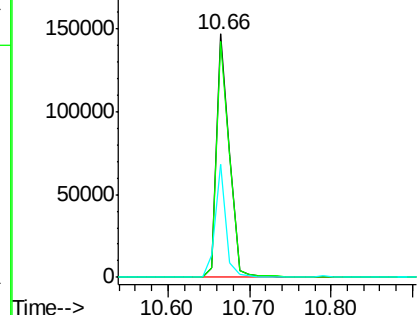
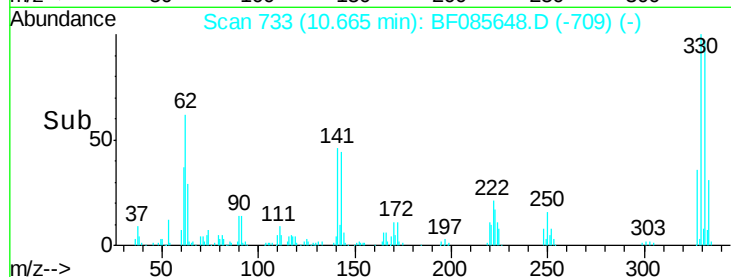
#41
 2,4,6-Tribromophenol
 Concen: 85.28 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	39.9	31.5	47.3

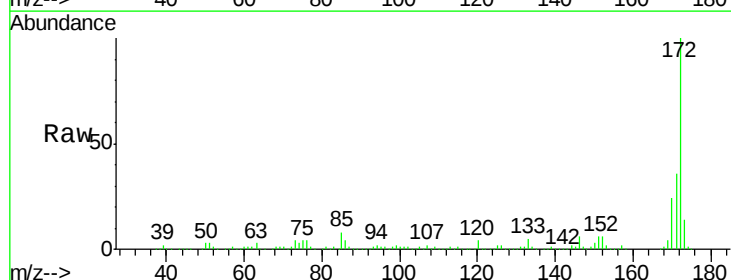


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

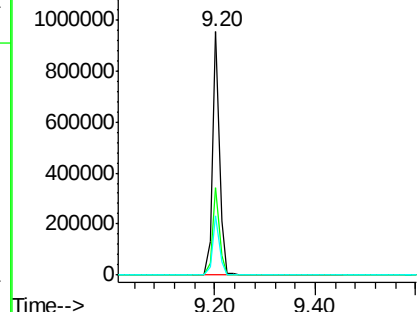
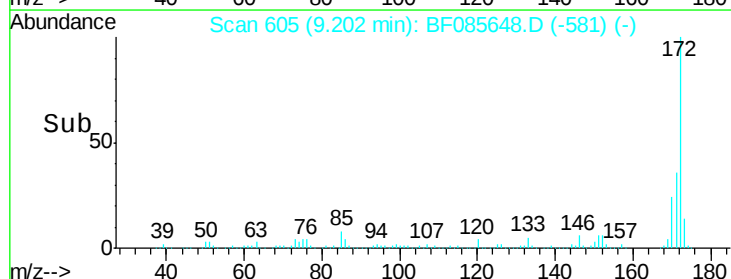


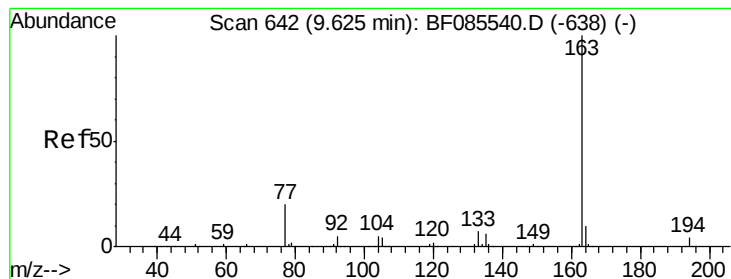
#44
 2-Fluorobiphenyl
 Concen: 78.37 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.4	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: 8.25 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

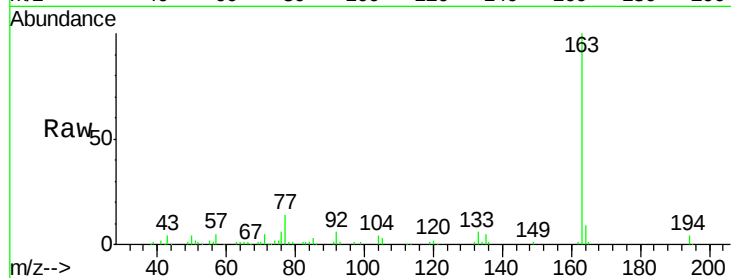
Tgt Ion:163 Resp: 121321

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

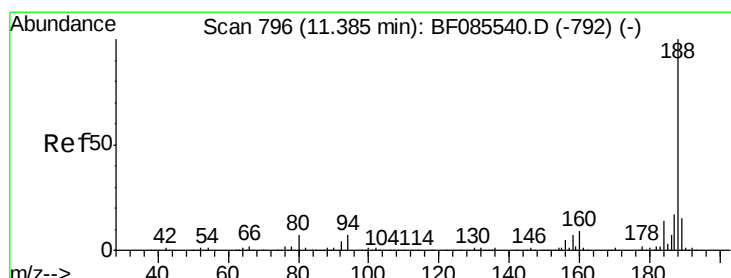
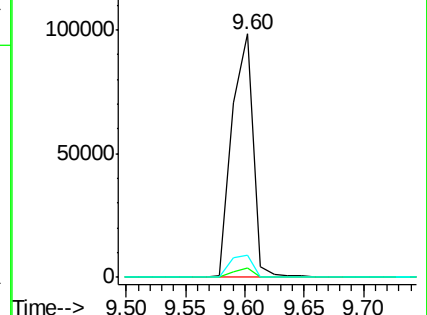
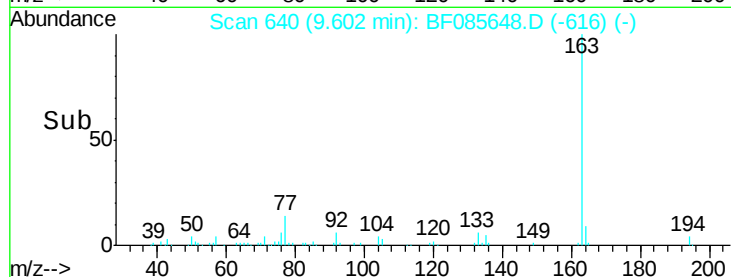
164 9.1 8.3 12.5



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: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

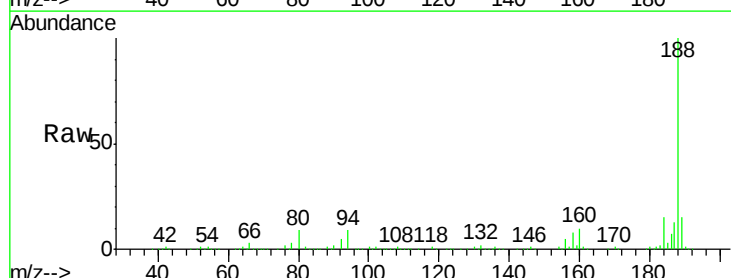
Tgt Ion:188 Resp: 308689

Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

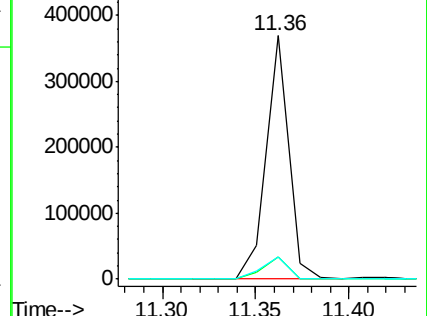
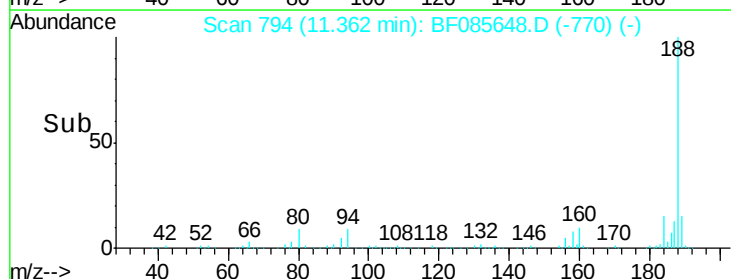
80 9.2 5.5 8.3#

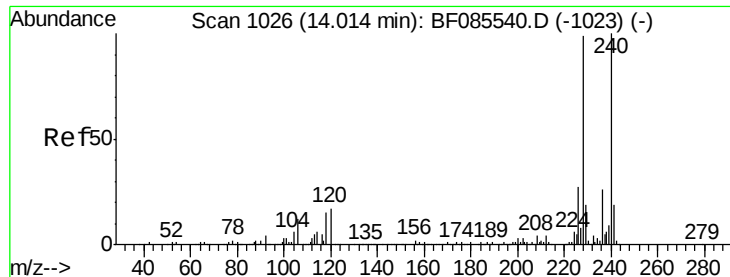


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

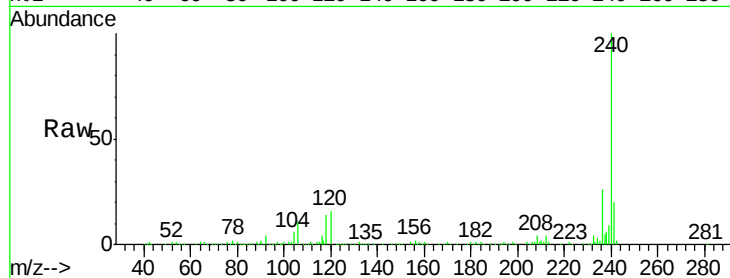
Tgt Ion:240 Resp: 230433

Ion Ratio Lower Upper

240 100

120 15.7 13.8 20.8

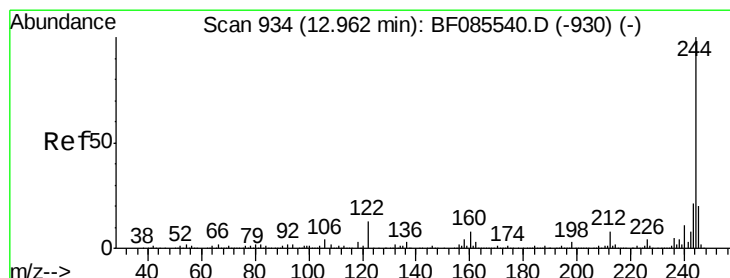
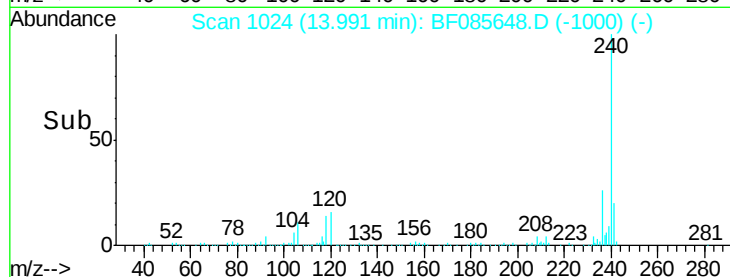
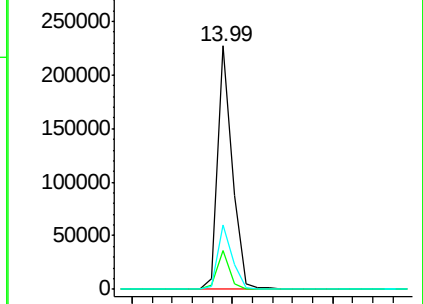
236 26.3 20.6 30.8



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: 68.34 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

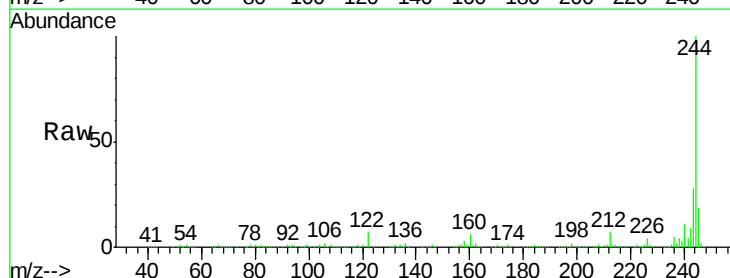
Tgt Ion:244 Resp: 654433

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

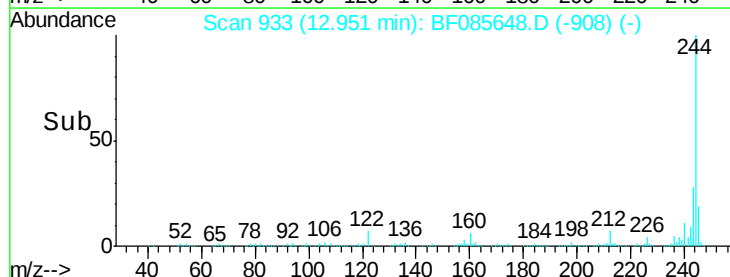
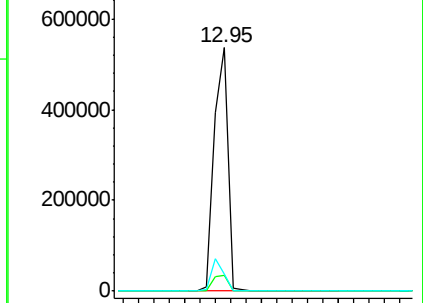
122 7.0 10.2 15.4#

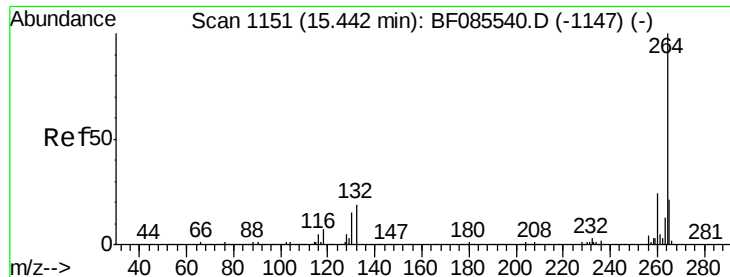


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

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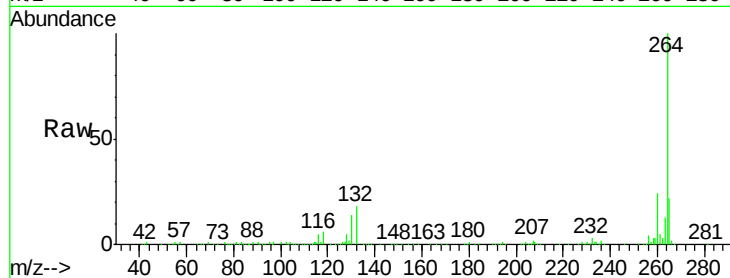
Tgt Ion: 264 Resp: 238753

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 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

