

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080520.D
 Acq On : 16 Jul 2015 20:15
 Operator : TP/UM
 Sample : PB84482BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BL

Quant Time: Jul 17 06:48:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

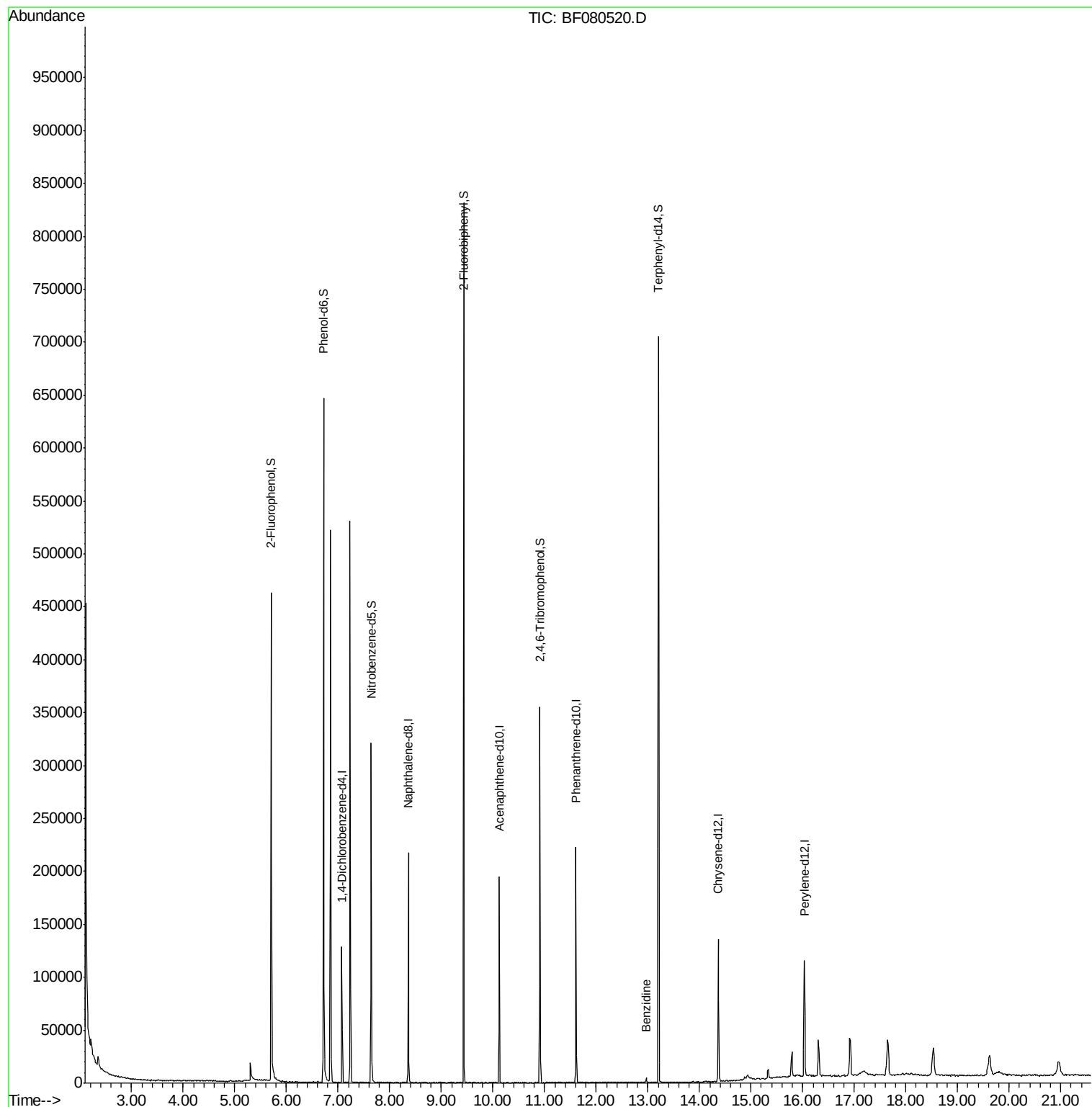
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	20661	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	86392	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	37955	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	75194	20.00	ng	0.00
75) Chrysene-d12	14.36	240	59670	20.00	ng	-0.07
86) Perylene-d12	16.03	264	55469	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142996	117.99	ng	0.00
7) Phenol-d6	6.72	99	194815	118.37	ng	0.00
23) Nitrobenzene-d5	7.64	82	102024	69.32	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	37020	125.36	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	234605	84.11	ng	0.00
78) Terphenyl-d14	13.21	244	234692	81.55	ng	-0.02
Target Compounds						
76) Benzidine	12.97	184	4478	2.28	ng	Qvalue 97

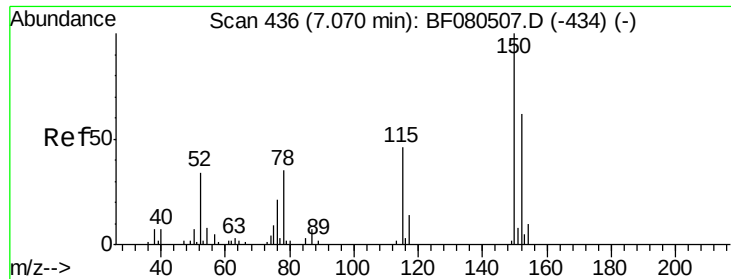
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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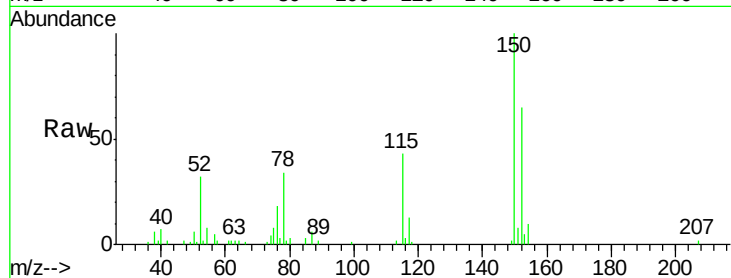


#1

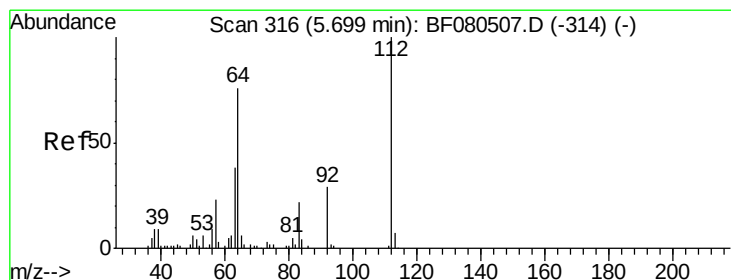
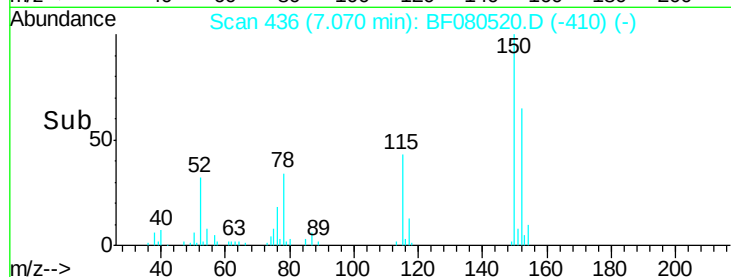
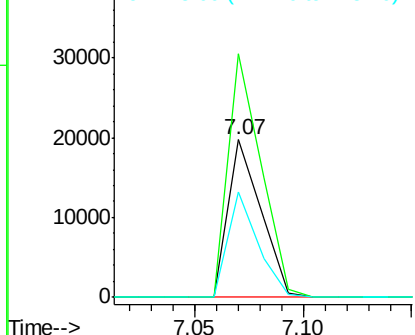
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080520.D
Acq: 16 Jul 2015 20:15

Instrument :
BNA_F
ClientSampleId :
PB84482BL

Tgt Ion:152 Resp: 20661
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 66.6 39.0 58.4#



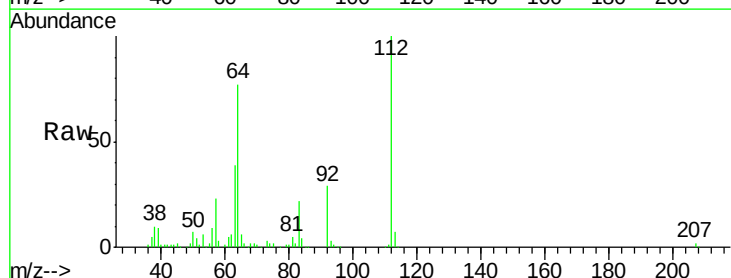
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



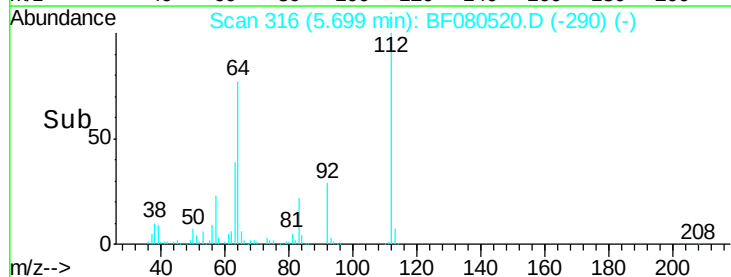
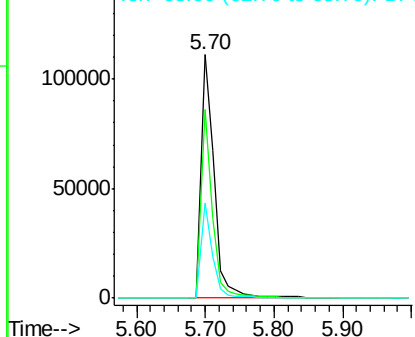
#5

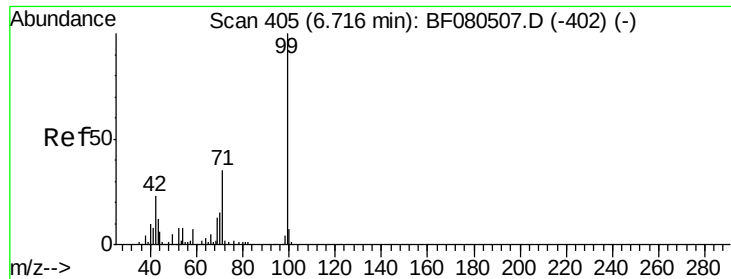
2-Fluorophenol
Concen: 117.99 ng
RT: 5.70 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF080520.D
Acq: 16 Jul 2015 20:15

Tgt Ion:112 Resp: 142996
Ion Ratio Lower Upper
112 100
64 77.3 39.7 59.5#
63 39.0 17.4 26.0#



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: 118.37 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

Instrument :

BNA_F

ClientSampleId :

PB84482BL

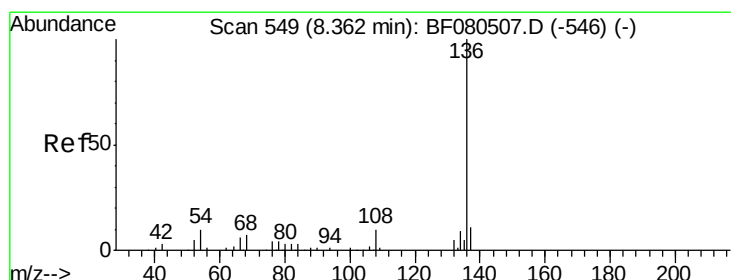
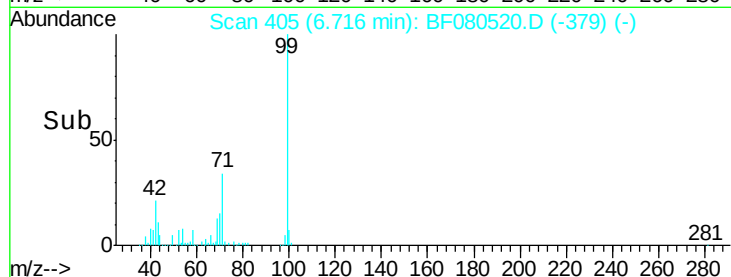
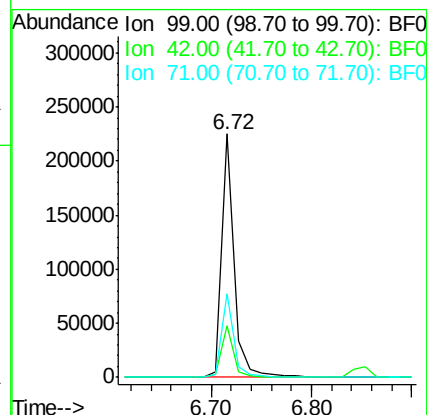
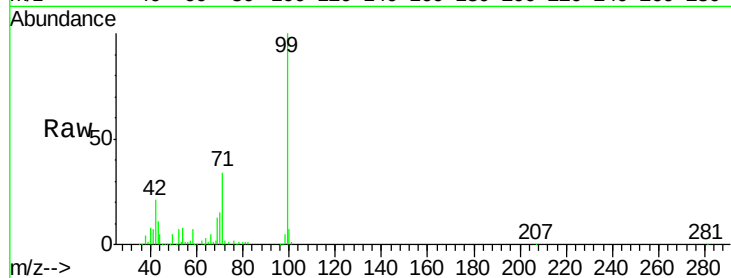
Tgt Ion: 99 Resp: 194815

Ion Ratio Lower Upper

99 100

42 21.3 13.7 20.5#

71 34.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

Tgt Ion: 136 Resp: 86392

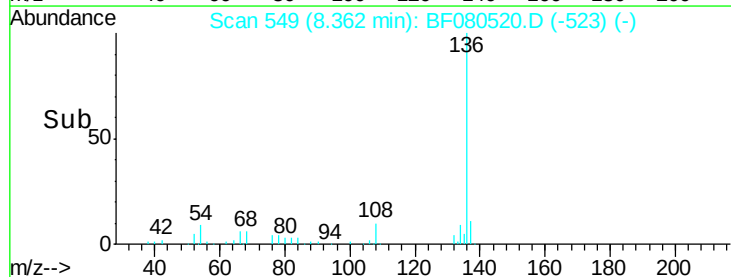
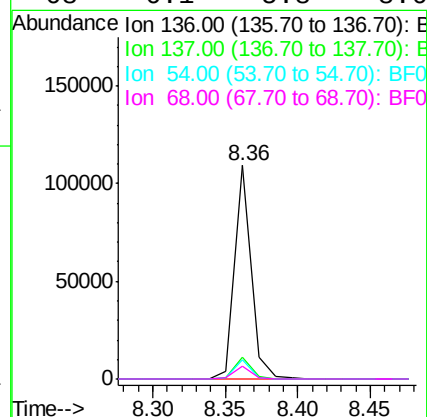
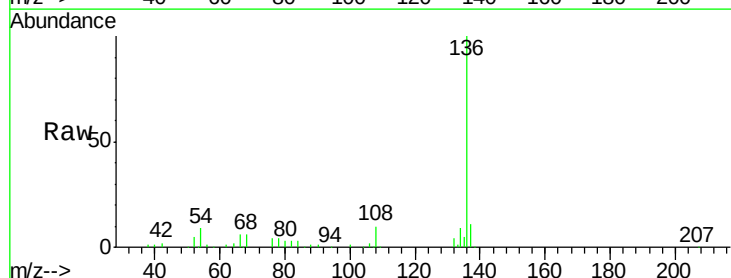
Ion Ratio Lower Upper

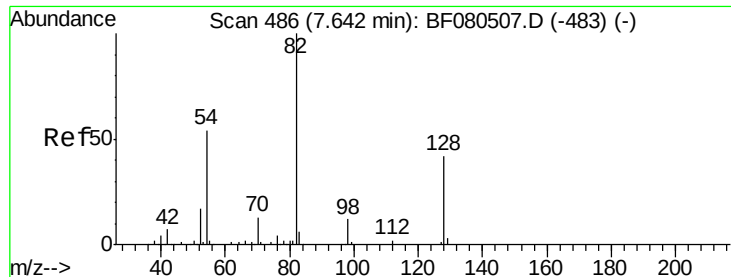
136 100

137 10.5 9.0 13.6

54 9.2 8.2 12.2

68 6.1 5.8 8.6

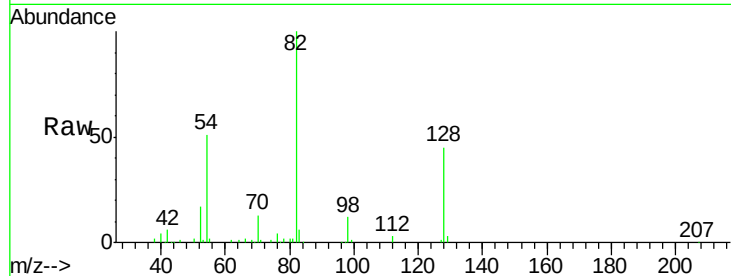




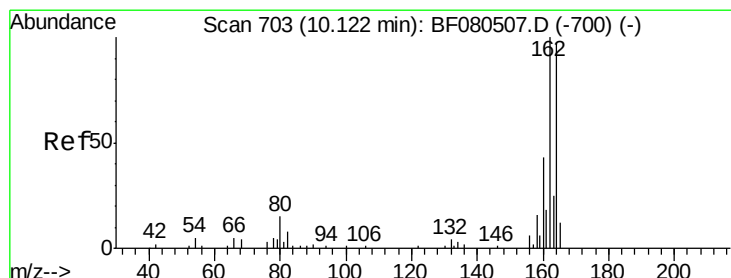
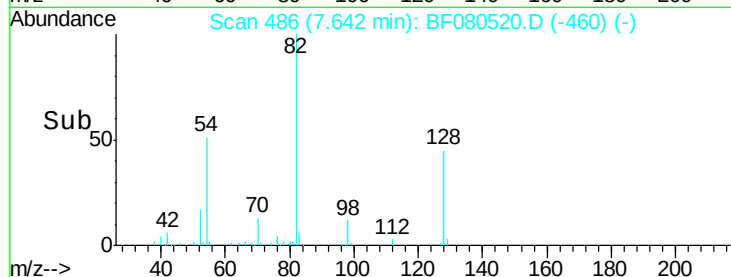
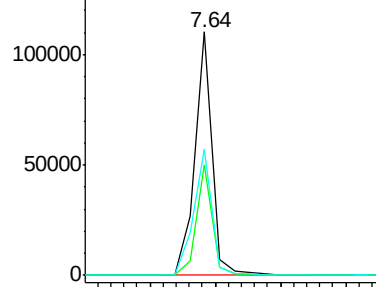
#23
 Nitrobenzene-d5
 Concen: 69.32 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080520.D
 Acq: 16 Jul 2015 20:15

Instrument :
 BNA_F
 ClientSampleID :
 PB84482BL

Tgt Ion: 82 Resp: 102024
 Ion Ratio Lower Upper
 82 100
 128 45.3 51.0 76.6#
 54 51.5 47.5 71.3

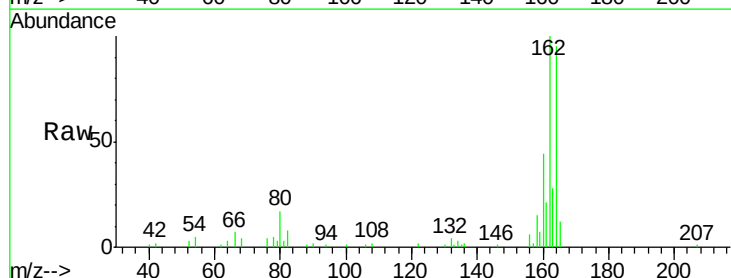


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

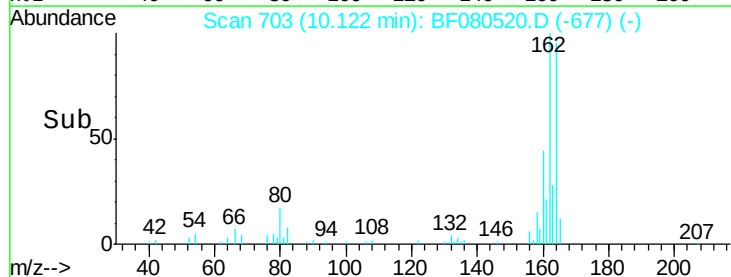
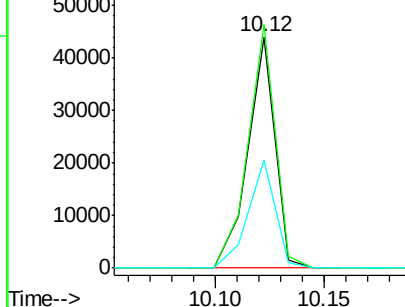


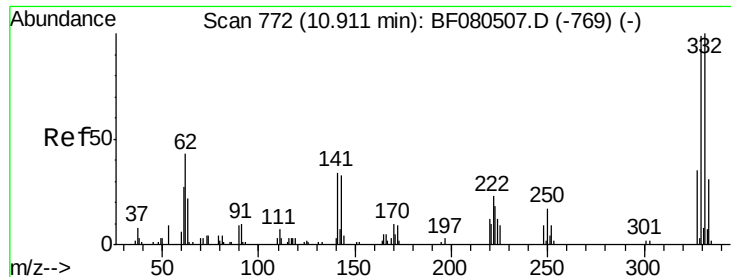
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080520.D
 Acq: 16 Jul 2015 20:15

Tgt Ion: 164 Resp: 37955
 Ion Ratio Lower Upper
 164 100
 162 105.5 75.2 112.8
 160 46.8 31.5 47.3



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: 125.36 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

Instrument :

BNA_F

ClientSampleId :

PB84482BL

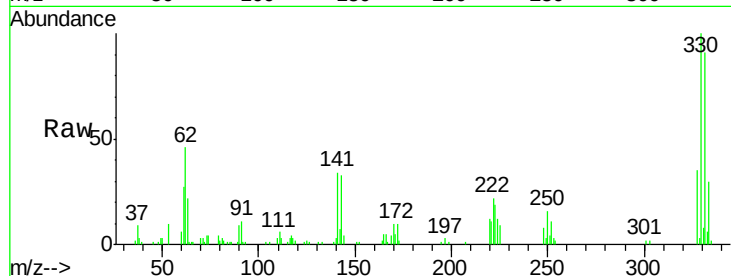
Tgt Ion:330 Resp: 37020

Ion Ratio Lower Upper

330 100

332 92.4 76.6 114.8

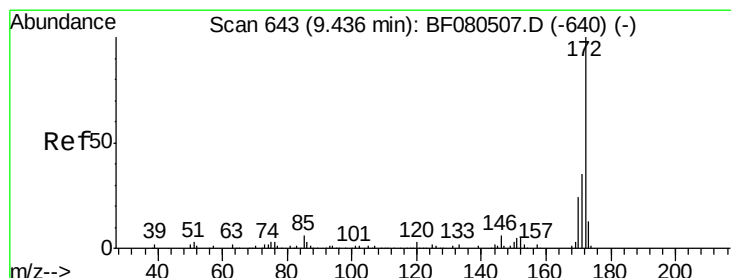
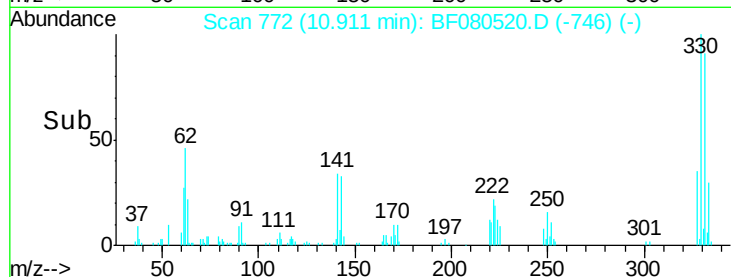
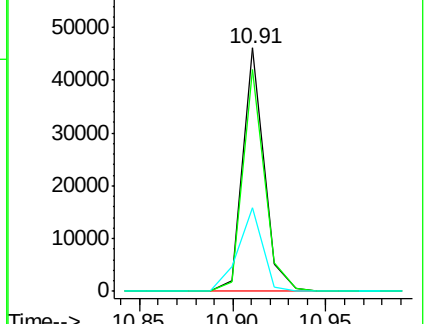
141 39.6 29.7 44.5



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: 84.11 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

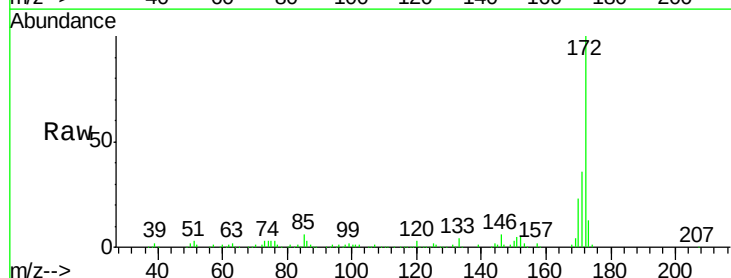
Tgt Ion:172 Resp: 234605

Ion Ratio Lower Upper

172 100

171 35.5 26.1 39.1

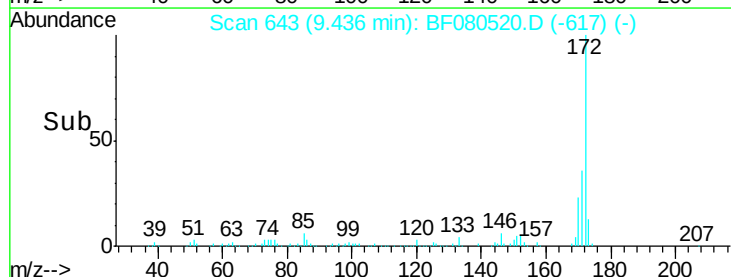
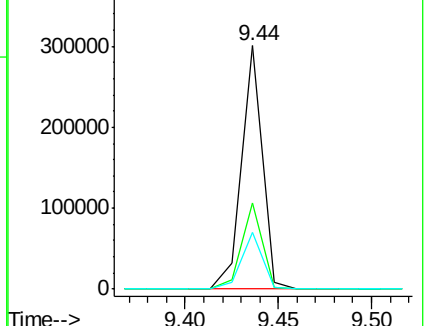
170 23.3 17.4 26.2

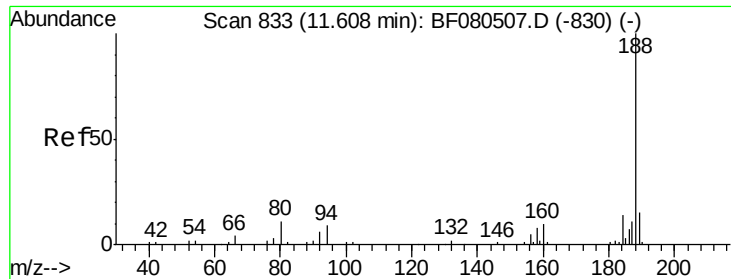


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

Instrument :

BNA_F

ClientSampleId :

PB84482BL

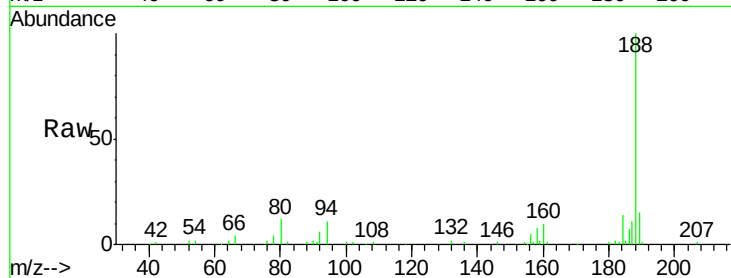
Tgt Ion:188 Resp: 75194

Ion Ratio Lower Upper

188 100

94 10.5 11.1 16.7#

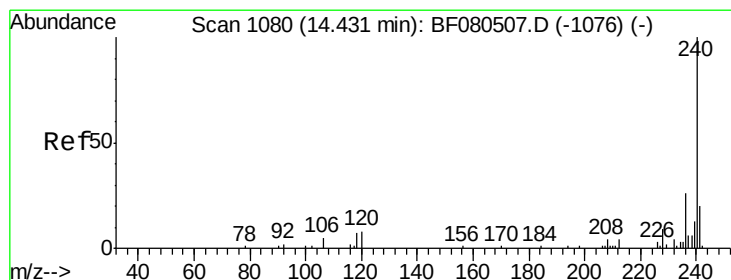
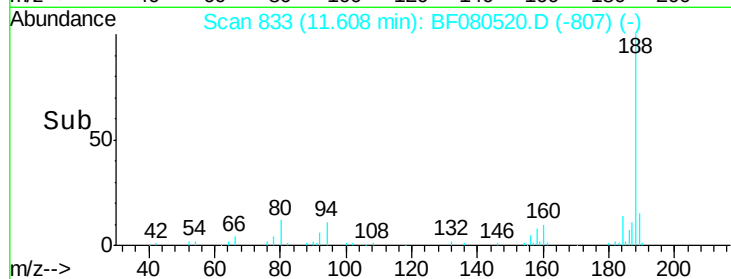
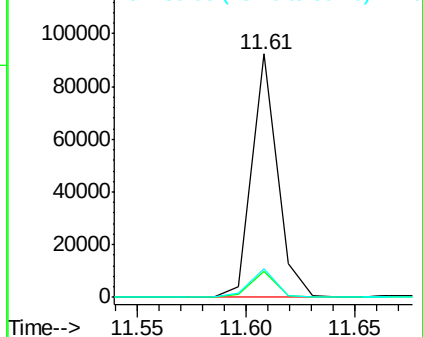
80 11.7 11.0 16.4



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: 14.36 min Scan# 1074

Delta R.T. -0.07 min

Lab File: BF080520.D

Acq: 16 Jul 2015 20:15

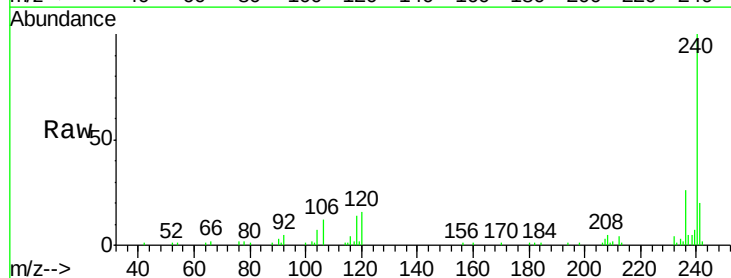
Tgt Ion:240 Resp: 59670

Ion Ratio Lower Upper

240 100

120 16.2 16.2 24.2#

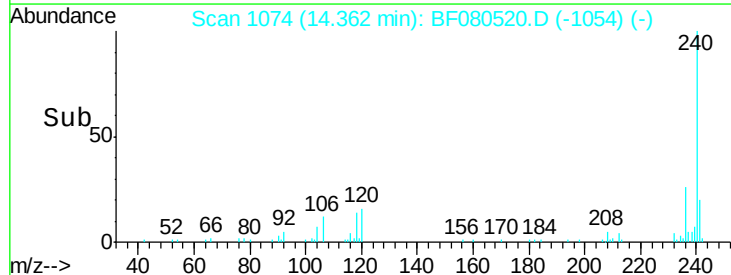
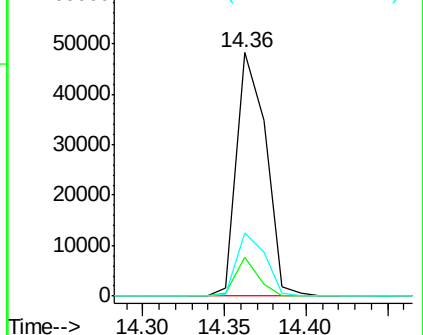
236 26.1 18.4 27.6

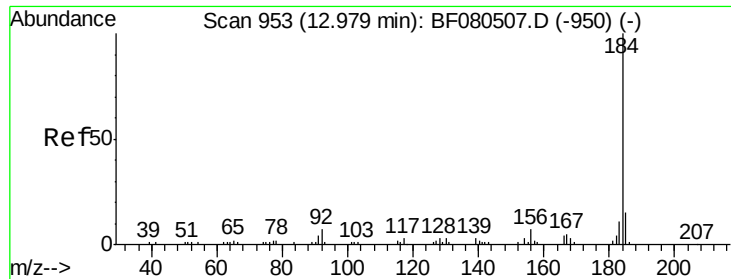


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

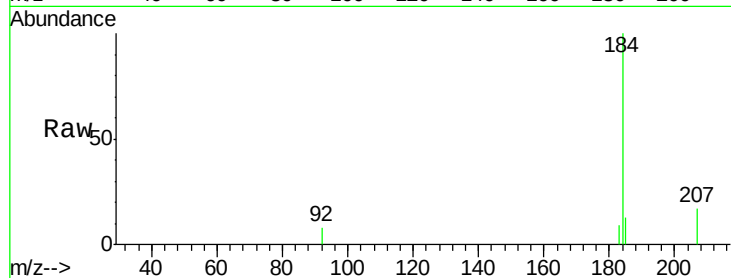




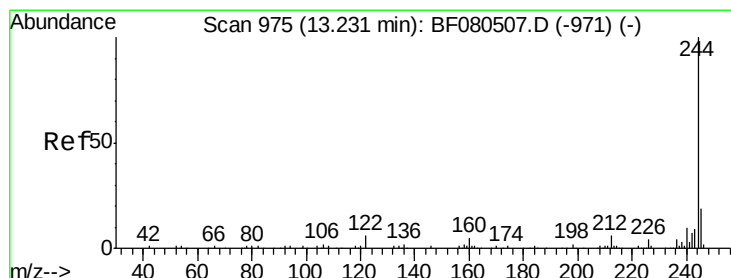
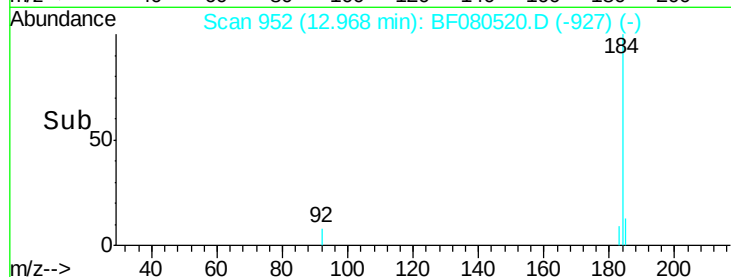
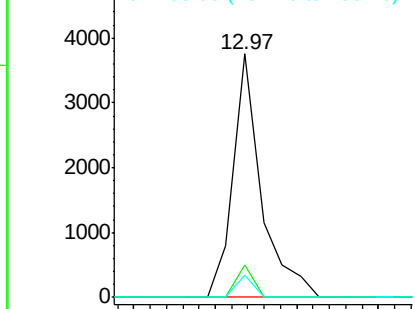
#76
Benzidine
Concen: 2.28 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF080520.D
Acq: 16 Jul 2015 20:15

Instrument :
BNA_F
ClientSampleId :
PB84482BL

Tgt Ion:184 Resp: 4478
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.6
183 8.9 7.6 11.4

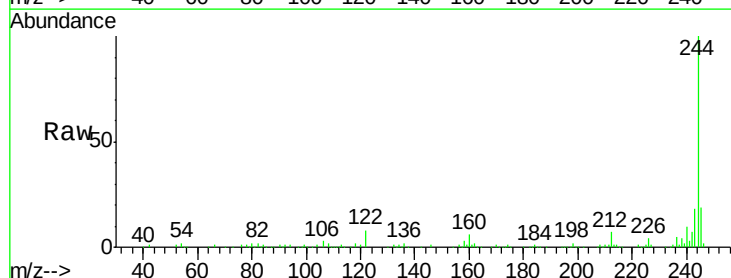


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

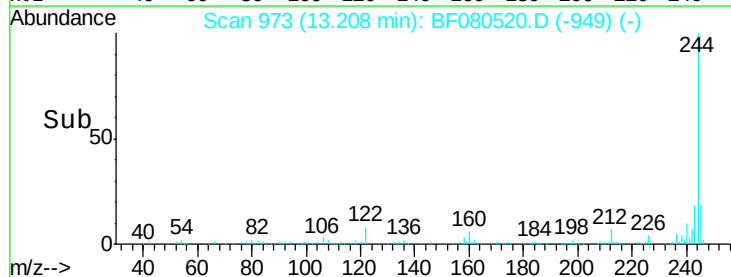
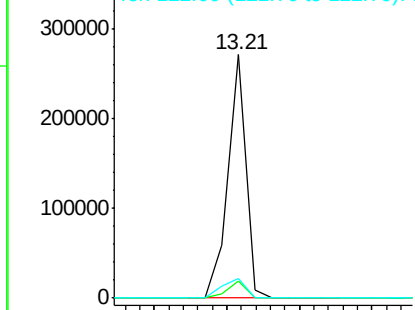


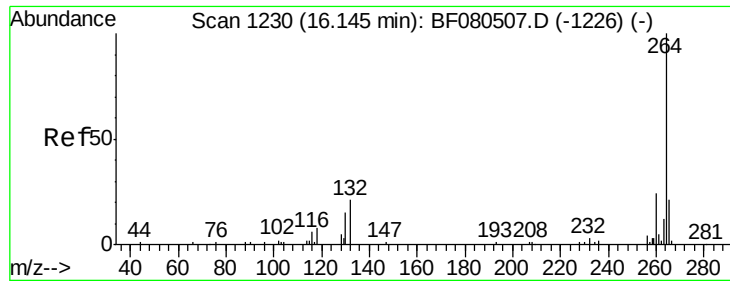
#78
Terphenyl-d14
Concen: 81.55 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF080520.D
Acq: 16 Jul 2015 20:15

Tgt Ion:244 Resp: 234692
Ion Ratio Lower Upper
244 100
212 6.7 4.3 6.5#
122 8.0 17.4 26.2#



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

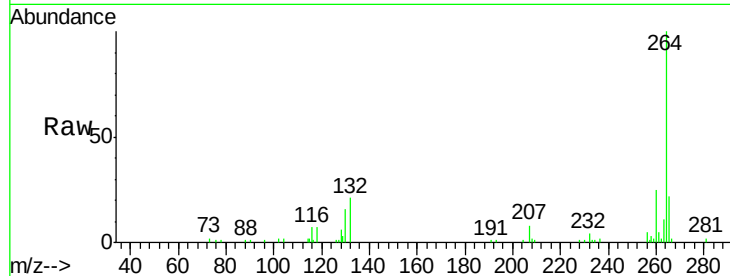




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1220
Delta R.T. -0.11 min
Lab File: BF080520.D
Acq: 16 Jul 2015 20:15

Instrument :
BNA_F
ClientSampleId :
PB84482BL

Tgt Ion: 264 Resp: 55469
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 21.9 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

