

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080525.D
 Acq On : 16 Jul 2015 22:41
 Operator : TP/UM
 Sample : G2937-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUALIZATION-TANK-SLUDGE

Quant Time: Jul 17 07:27:10 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	28514	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	121913	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	57861	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	110469	20.00	ng	0.00
75) Chrysene-d12	14.37	240	88385	20.00	ng	-0.06
86) Perylene-d12	16.04	264	79529	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	123756	73.99	ng	0.01
7) Phenol-d6	6.72	99	164035	72.22	ng	0.00
23) Nitrobenzene-d5	7.64	82	107682	51.85	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	37833	84.04	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	234548	55.16	ng	0.00
78) Terphenyl-d14	13.21	244	229454	53.83	ng	-0.02

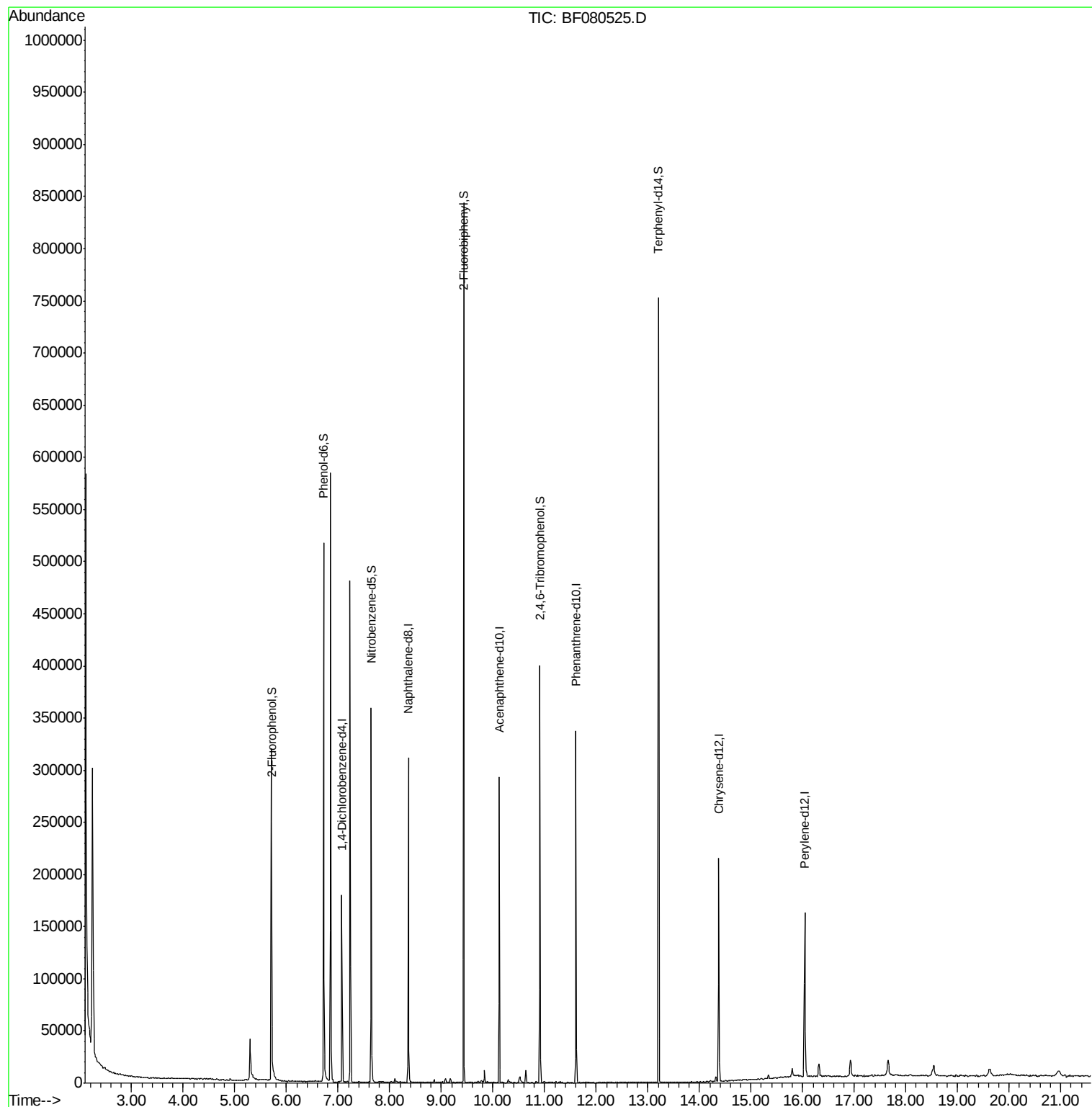
Target Compounds	Qvalue
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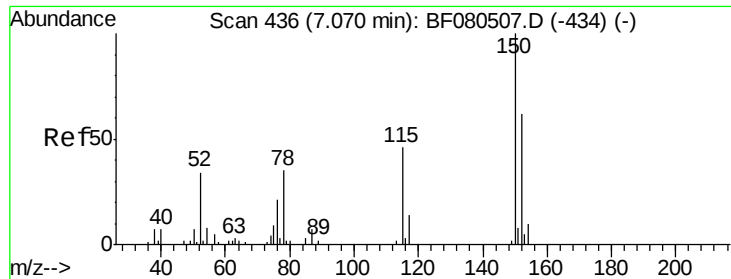
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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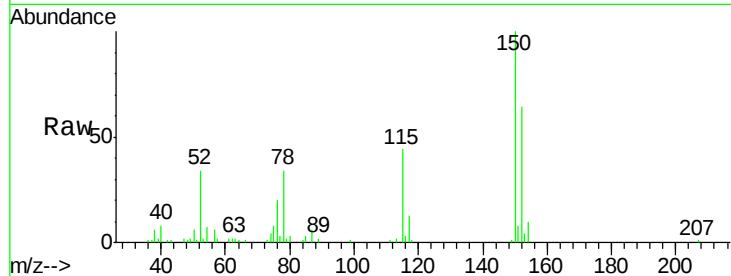


#1

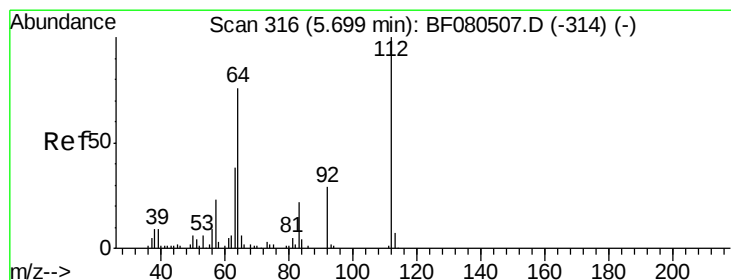
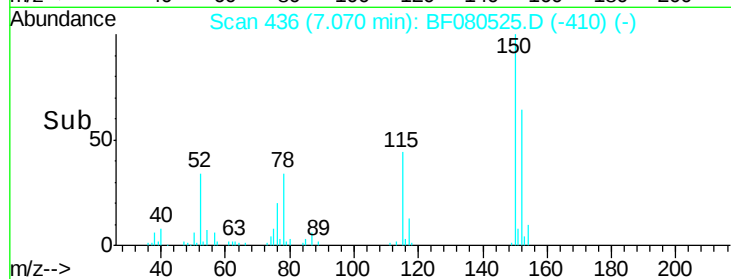
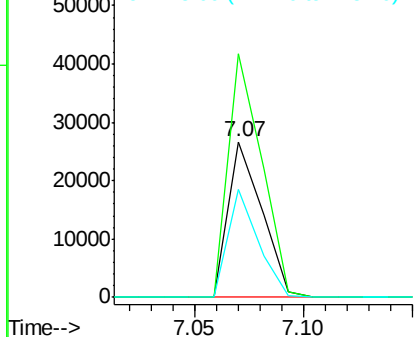
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080525.D
Acq: 16 Jul 2015 22:41

Instrument :
BNA_F
ClientSampleId :
EQUALIZATION-TANK-SLUDGE

Tgt Ion:152 Resp: 28514
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 69.5 39.0 58.4#



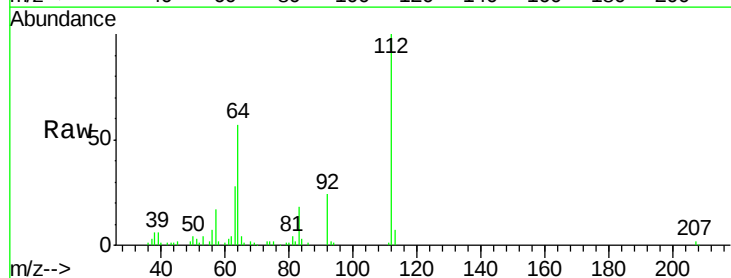
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



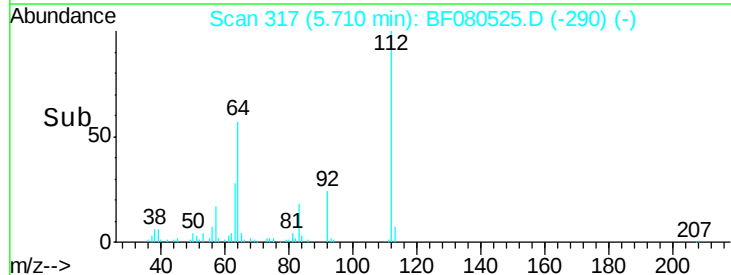
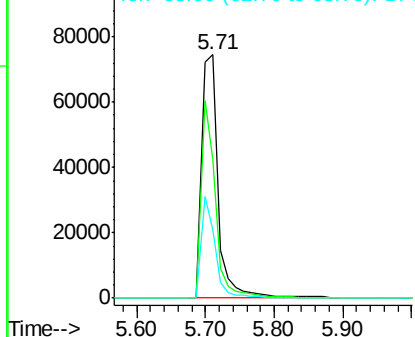
#5

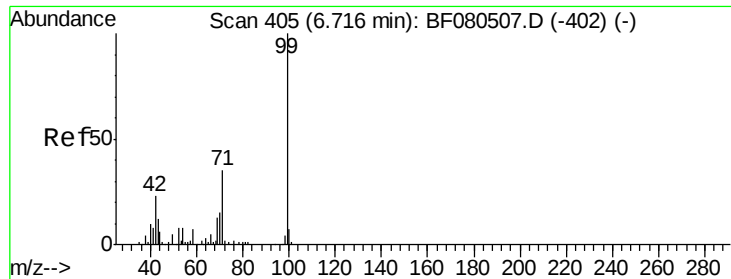
2-Fluorophenol
Concen: 73.99 ng
RT: 5.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF080525.D
Acq: 16 Jul 2015 22:41

Tgt Ion:112 Resp: 123756
Ion Ratio Lower Upper
112 100
64 56.8 39.7 59.5
63 28.1 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: 72.22 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080525.D

Acq: 16 Jul 2015 22:41

Instrument :

BNA_F

ClientSampleId :

EQUALIZATION-TANK-SLUDGE

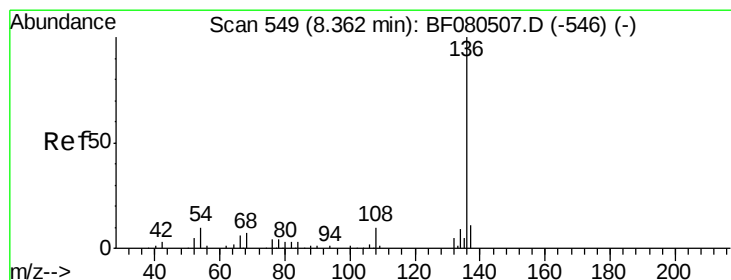
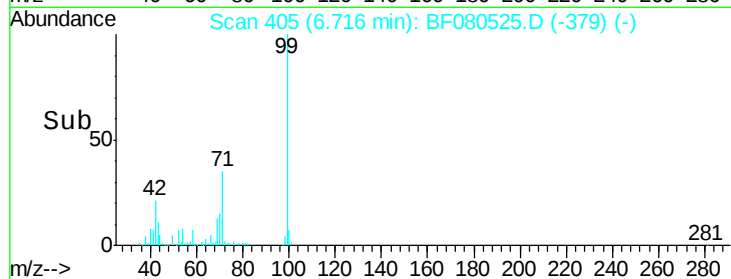
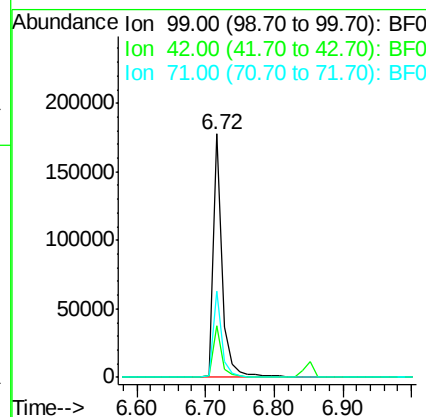
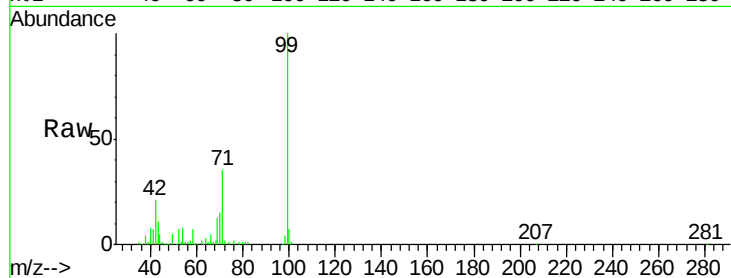
Tgt Ion: 99 Resp: 164035

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

71 35.3 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: BF080525.D

Acq: 16 Jul 2015 22:41

Tgt Ion: 136 Resp: 121913

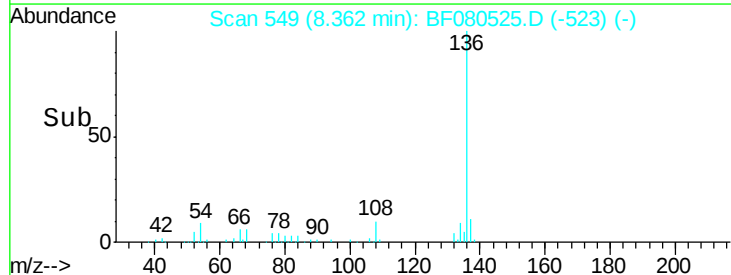
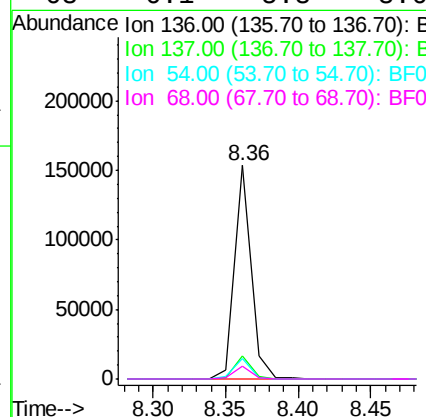
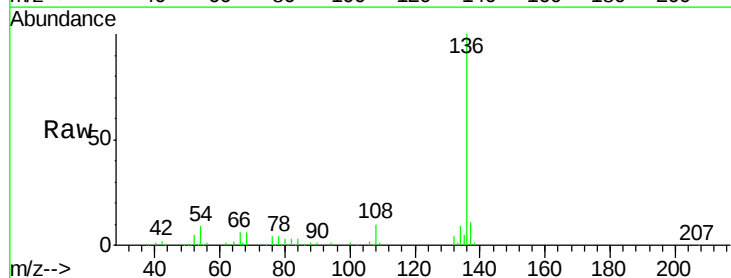
Ion Ratio Lower Upper

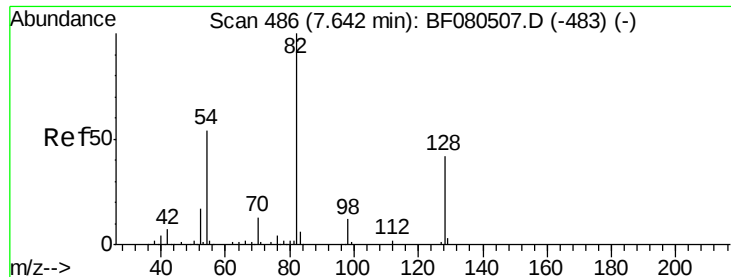
136 100

137 10.7 9.0 13.6

54 9.3 8.2 12.2

68 6.1 5.8 8.6

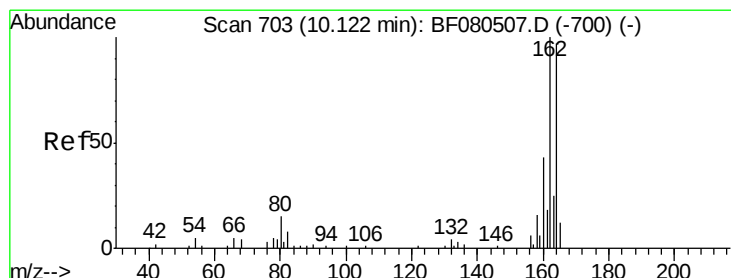
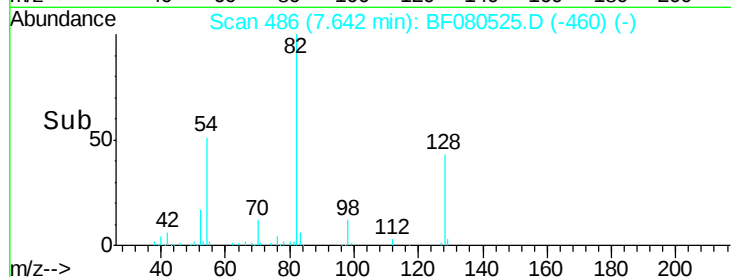
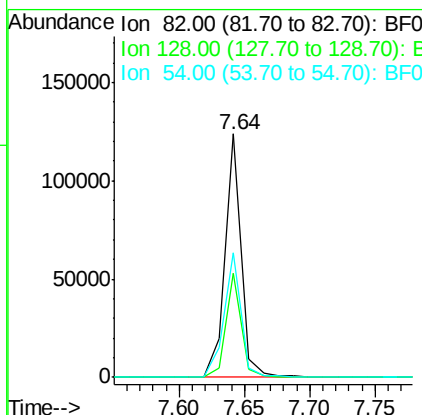
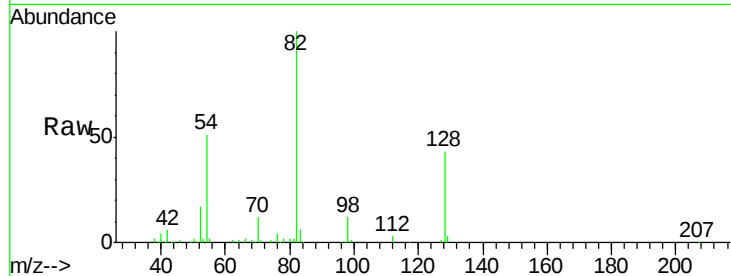




#23
 Nitrobenzene-d5
 Concen: 51.85 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080525.D
 Acq: 16 Jul 2015 22:41

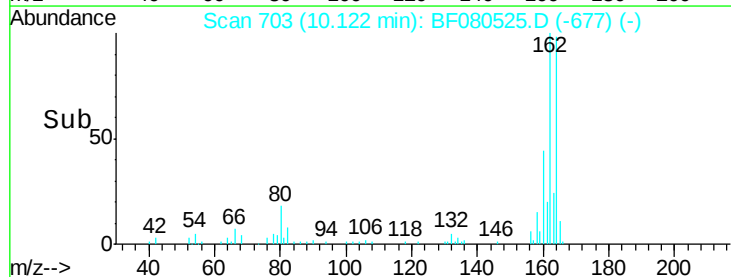
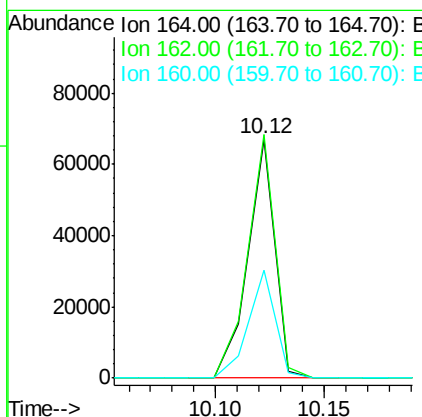
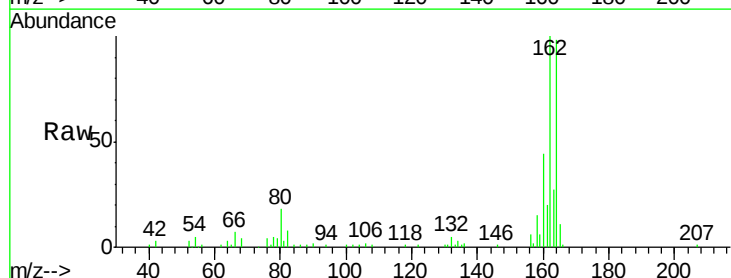
Instrument :
 BNA_F
 ClientSampleId :
 EQUALIZATION-TANK-SLUDGE

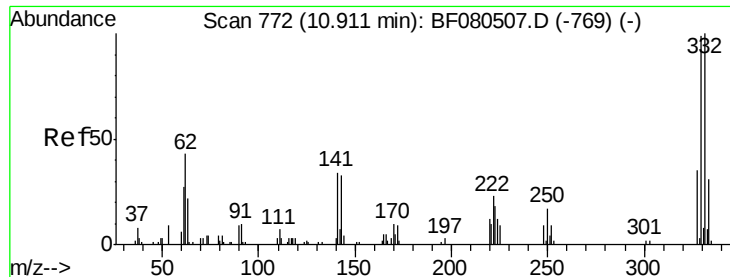
Tgt Ion: 82 Resp: 107682
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 51.2 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080525.D
 Acq: 16 Jul 2015 22:41

Tgt Ion: 164 Resp: 57861
 Ion Ratio Lower Upper
 164 100
 162 101.9 75.2 112.8
 160 45.0 31.5 47.3

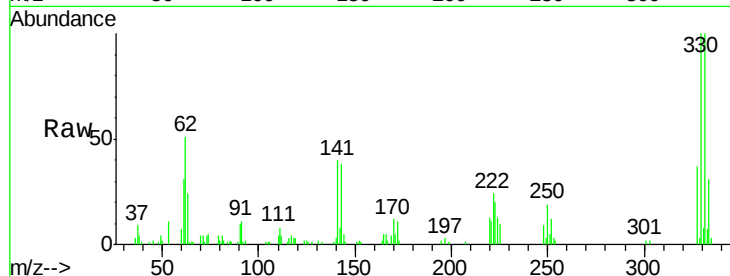




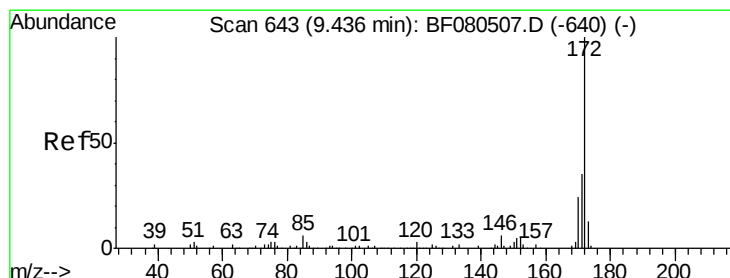
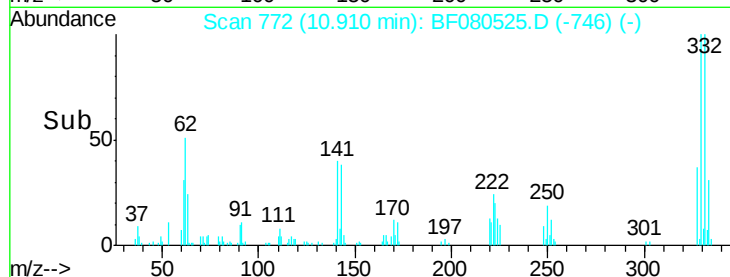
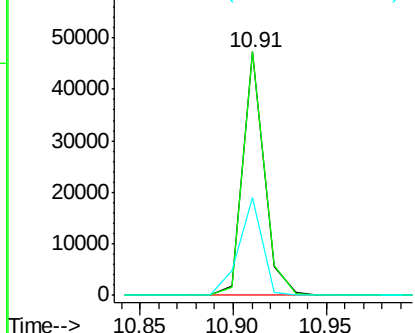
#41
 2,4,6-Tribromophenol
 Concen: 84.04 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080525.D
 Acq: 16 Jul 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :
 EQUALIZATION-TANK-SLUDGE

Tgt Ion:330 Resp: 37833
 Ion Ratio Lower Upper
 330 100
 332 99.8 76.6 114.8
 141 44.3 29.7 44.5

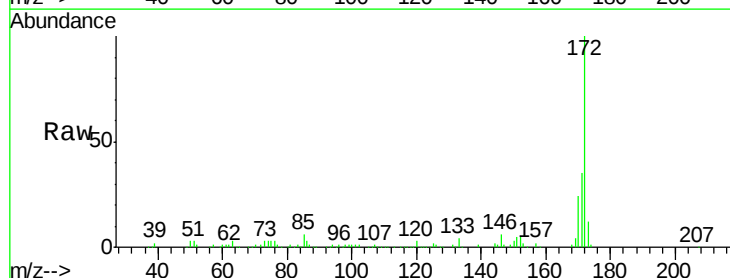


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

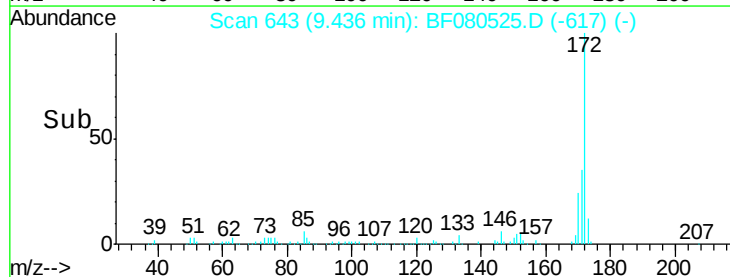
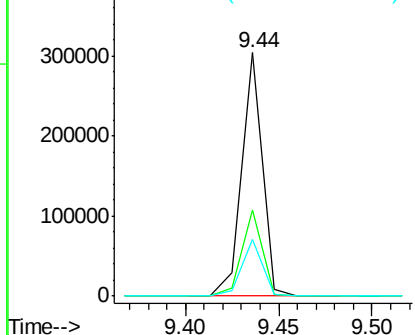


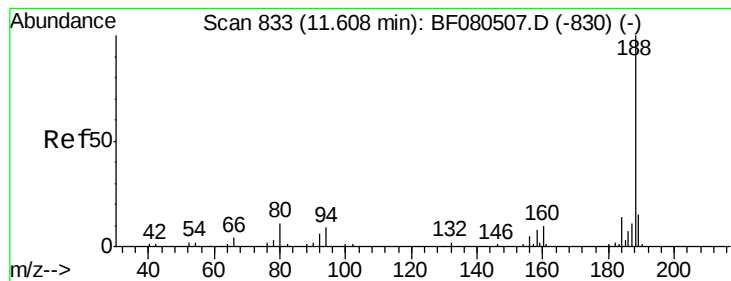
#44
 2-Fluorobiphenyl
 Concen: 55.16 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080525.D
 Acq: 16 Jul 2015 22:41

Tgt Ion:172 Resp: 234548
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.6 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: BF080525.D

Acq: 16 Jul 2015 22:41

Instrument :

BNA_F

ClientSampleId :

EQUALIZATION-TANK-SLUDGE

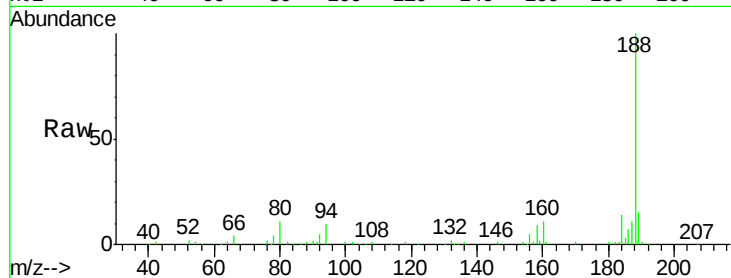
Tgt Ion:188 Resp: 110469

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

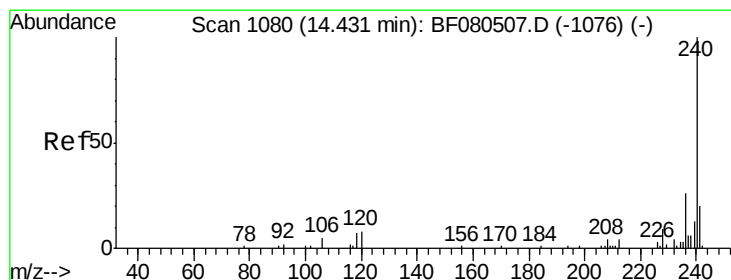
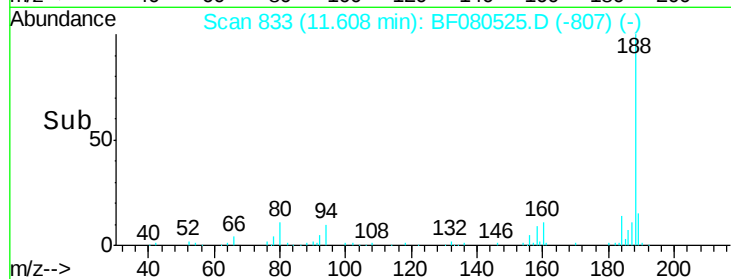
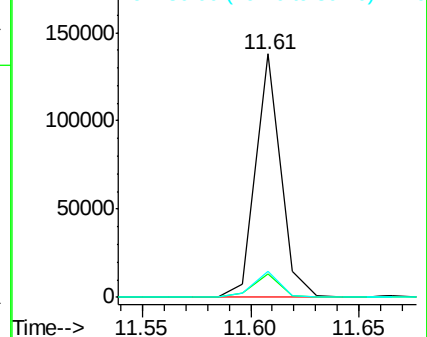
80 10.8 11.0 16.4#



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: 14.37 min Scan# 1075

Delta R.T. -0.06 min

Lab File: BF080525.D

Acq: 16 Jul 2015 22:41

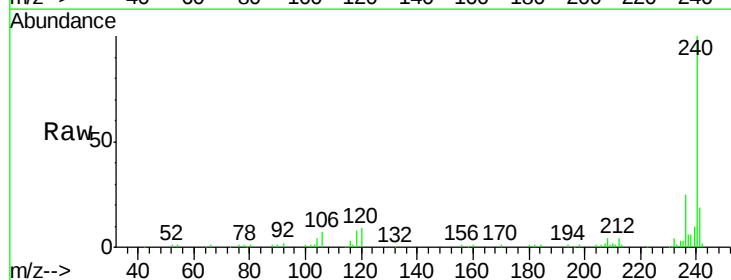
Tgt Ion:240 Resp: 88385

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

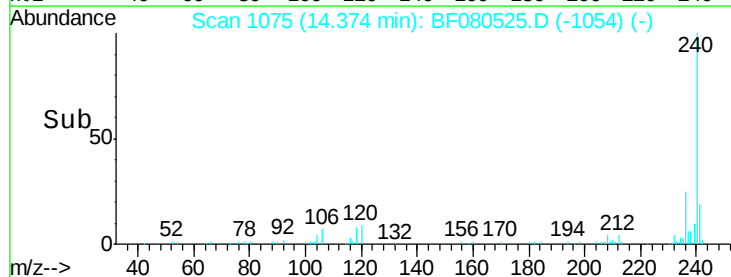
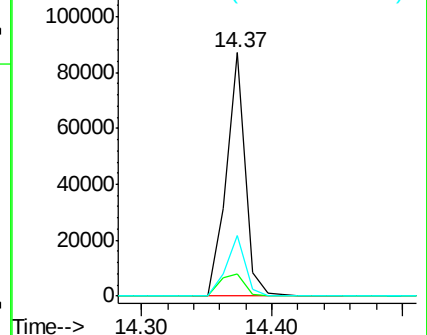
236 24.7 18.4 27.6

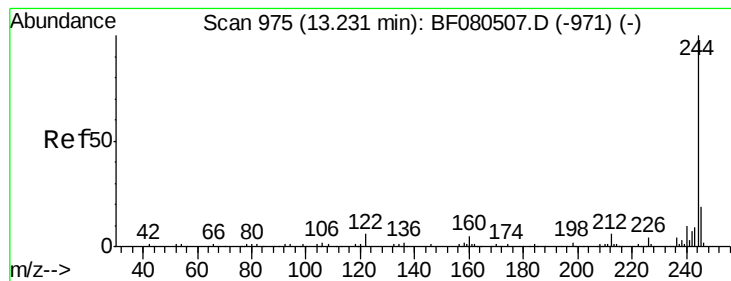


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.83 ng

RT: 13.21 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF080525.D

Acq: 16 Jul 2015 22:41

Instrument :

BNA_F

ClientSampleId :

EQUALIZATION-TANK-SLUDGE

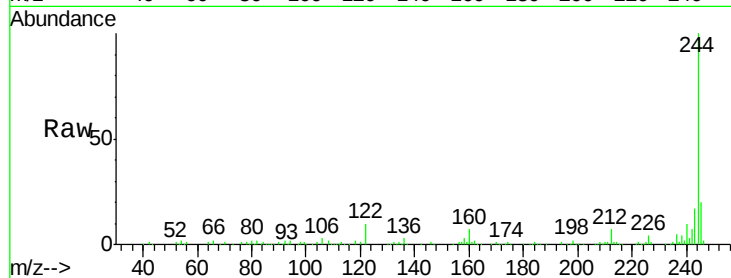
Tgt Ion:244 Resp: 229454

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

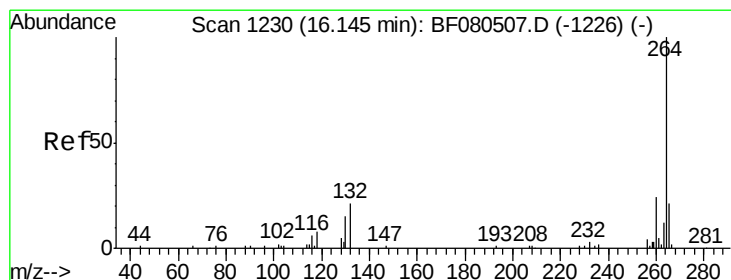
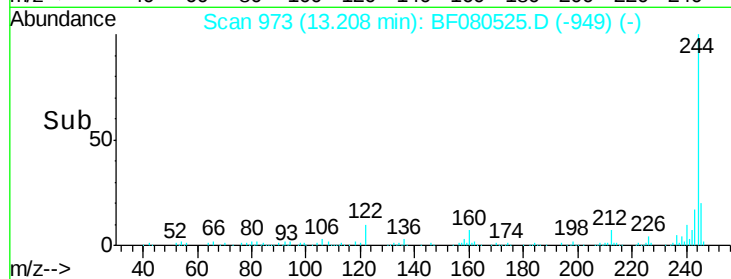
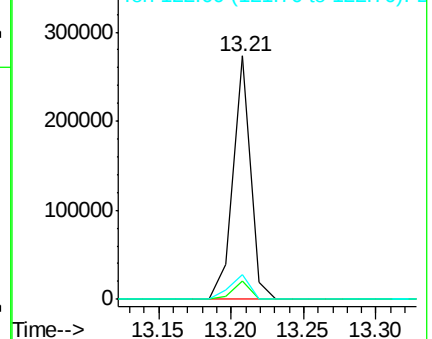
122 10.1 17.4 26.2#



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: 16.04 min Scan# 1221

Delta R.T. -0.10 min

Lab File: BF080525.D

Acq: 16 Jul 2015 22:41

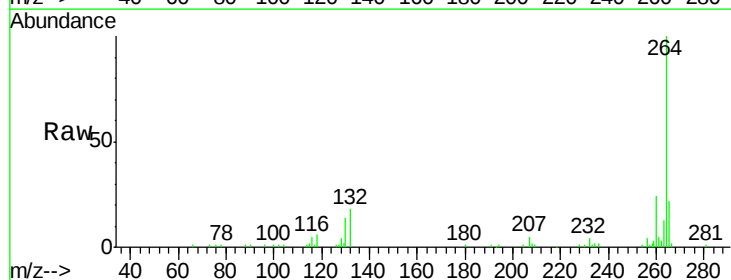
Tgt Ion:264 Resp: 79529

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

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

