

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080524.D
 Acq On : 16 Jul 2015 22:12
 Operator : TP/UM
 Sample : G2925-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E1

Quant Time: Jul 17 07:17:48 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	29829	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	127889	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	60511	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	119474	20.00	ng	0.00
75) Chrysene-d12	14.41	240	102251	20.00	ng	-0.02
86) Perylene-d12	16.10	264	94125	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	148311	84.76	ng	0.01
7) Phenol-d6	6.72	99	192513	81.02	ng	0.00
23) Nitrobenzene-d5	7.64	82	133200	61.14	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	46473	98.71	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	276066	62.08	ng	0.00
78) Terphenyl-d14	13.22	244	296414	60.11	ng	-0.01

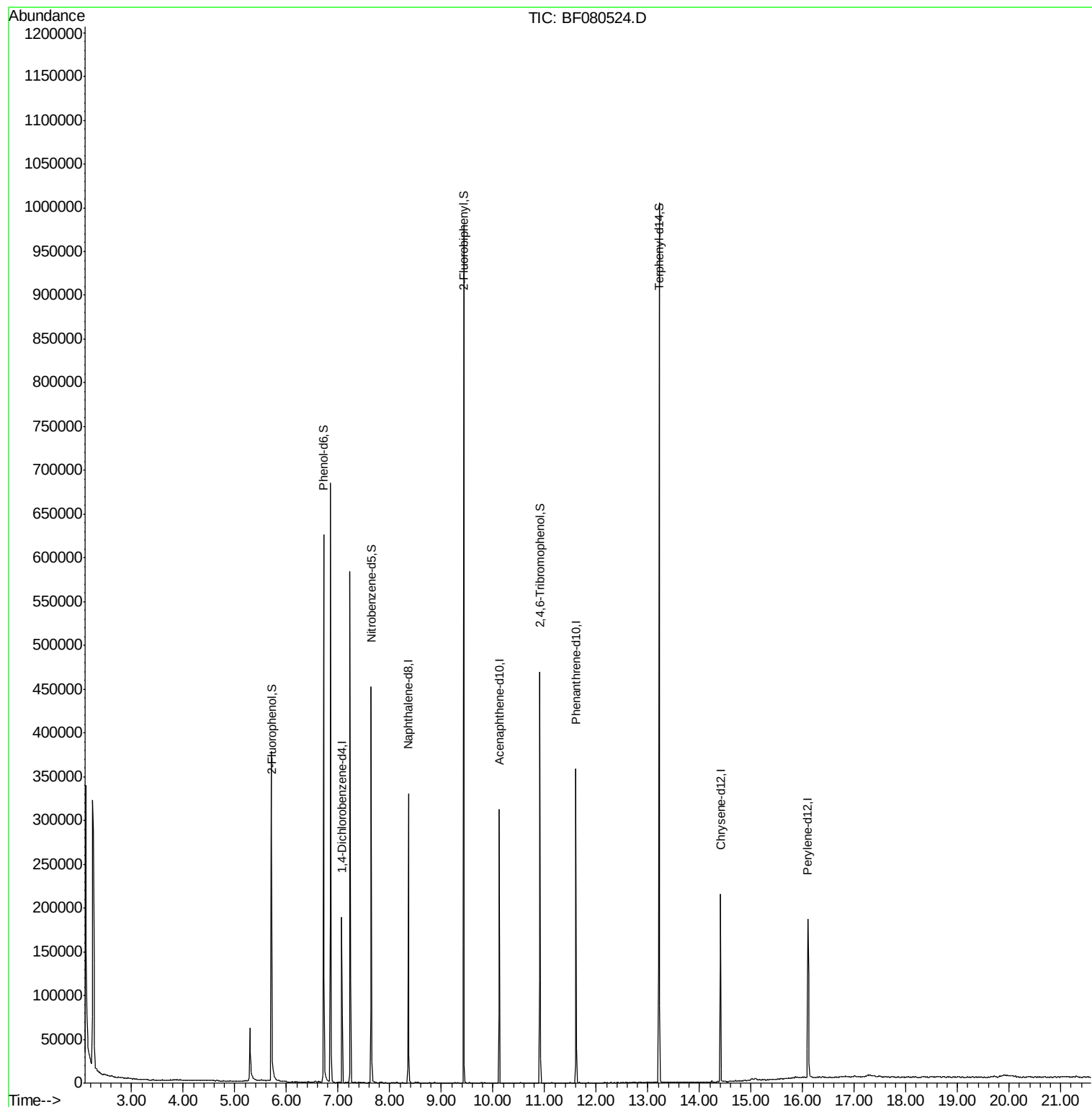
Target Compounds	Qvalue
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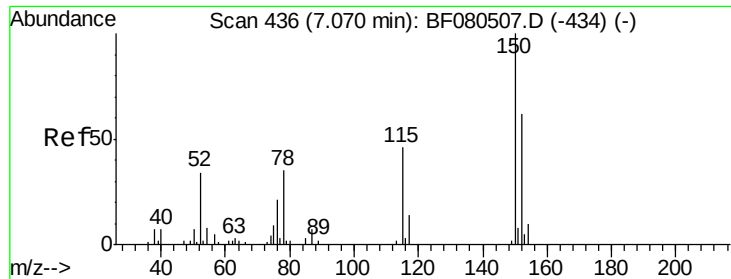
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080524.D

Acq: 16 Jul 2015 22:12

Instrument :

BNA_F

ClientSampled :

TEC-E1

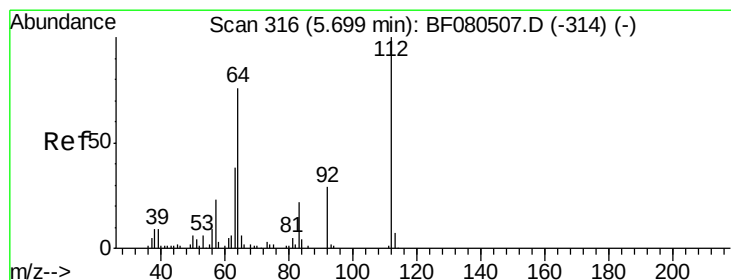
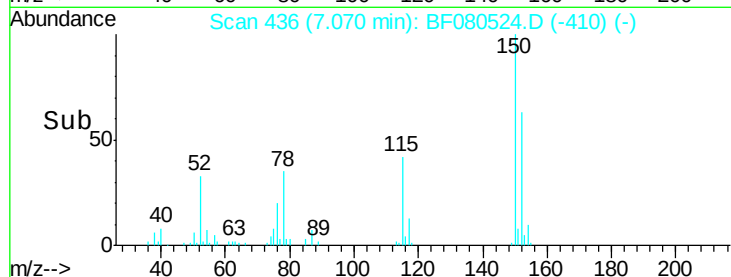
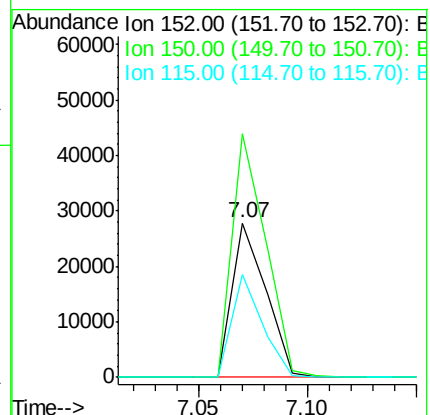
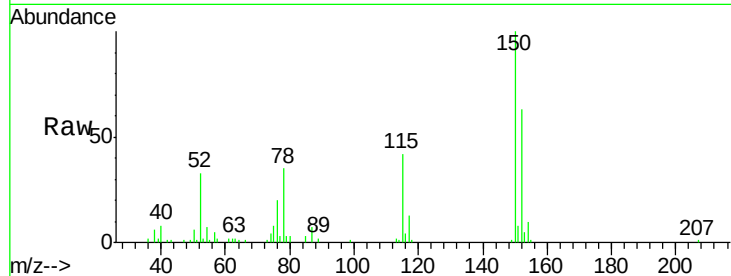
Tgt Ion:152 Resp: 29829

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

115 66.8 39.0 58.4#



#5

2-Fluorophenol

Concen: 84.76 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080524.D

Acq: 16 Jul 2015 22:12

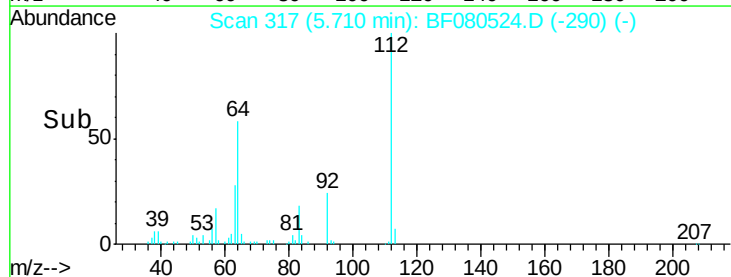
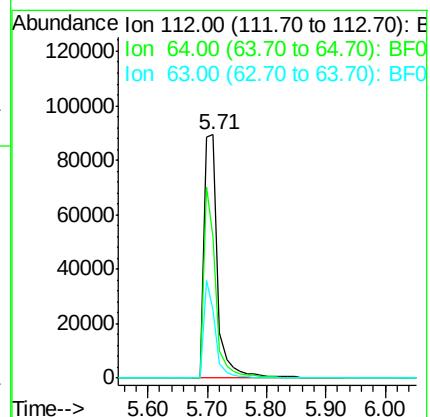
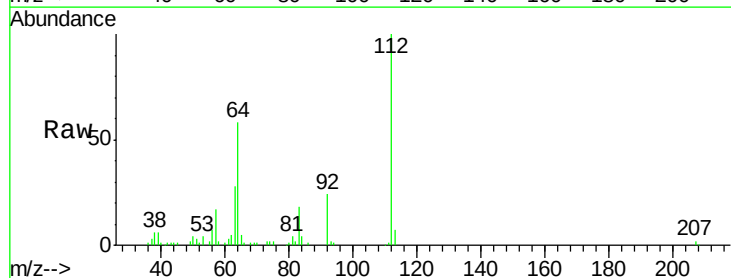
Tgt Ion:112 Resp: 148311

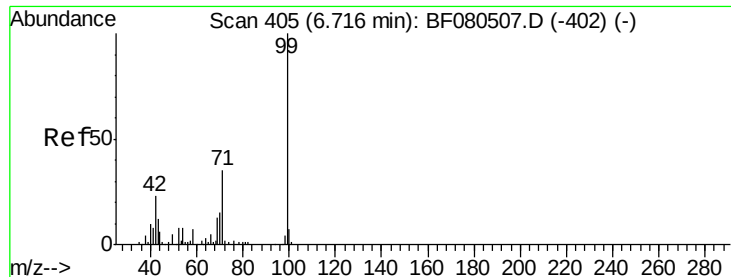
Ion Ratio Lower Upper

112 100

64 57.9 39.7 59.5

63 28.1 17.4 26.0#





#7

Phenol-d6

Concen: 81.02 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080524.D

Acq: 16 Jul 2015 22:12

Instrument :

BNA_F

ClientSampleId :

TEC-E1

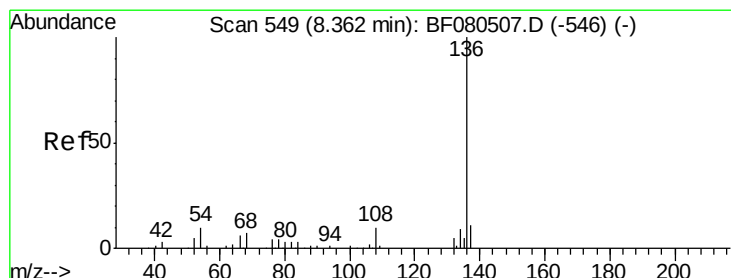
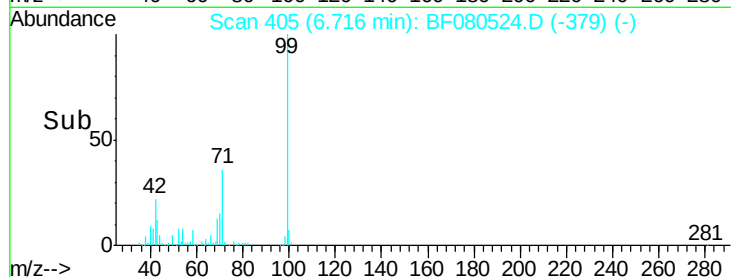
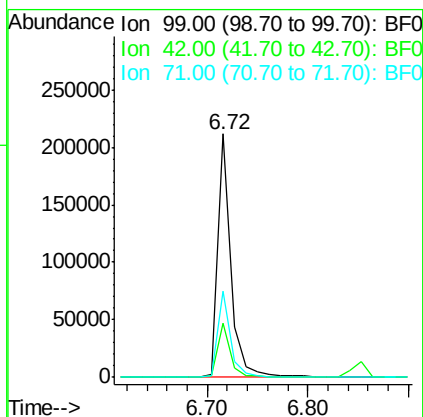
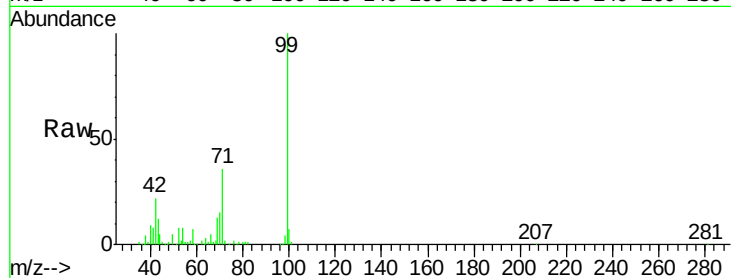
Tgt Ion: 99 Resp: 192513

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

71 35.6 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: BF080524.D

Acq: 16 Jul 2015 22:12

Tgt Ion: 136 Resp: 127889

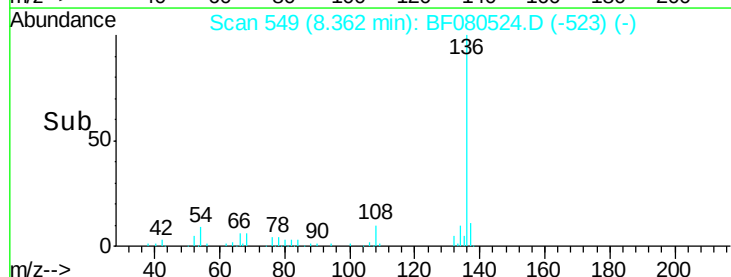
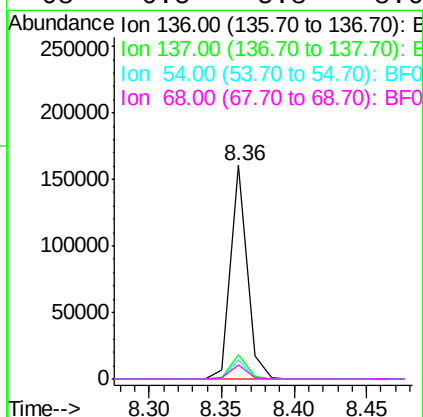
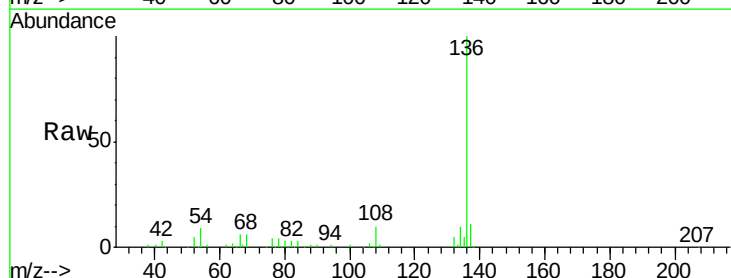
Ion Ratio Lower Upper

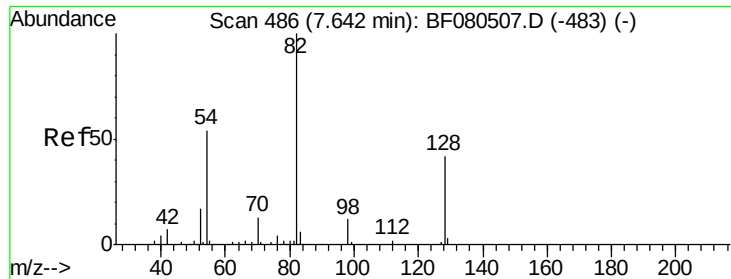
136 100

137 11.3 9.0 13.6

54 9.2 8.2 12.2

68 6.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 61.14 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080524.D

Acq: 16 Jul 2015 22:12

Instrument :

BNA_F

ClientSampleId :

TEC-E1

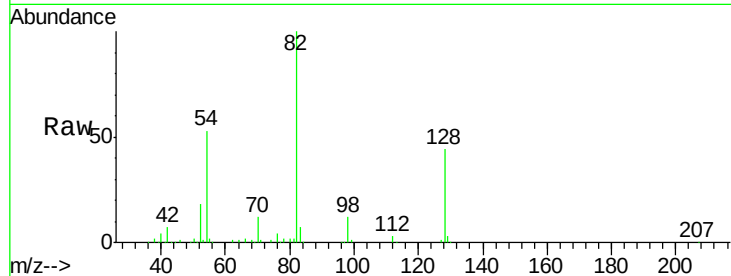
Tgt Ion: 82 Resp: 133200

Ion Ratio Lower Upper

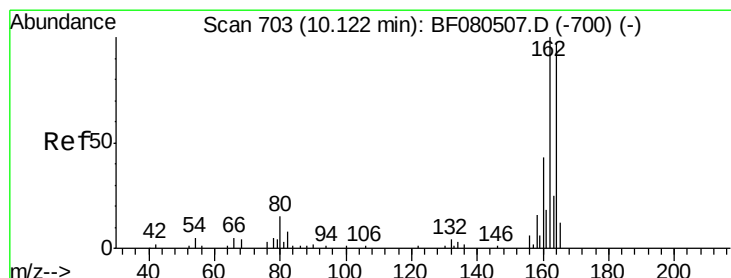
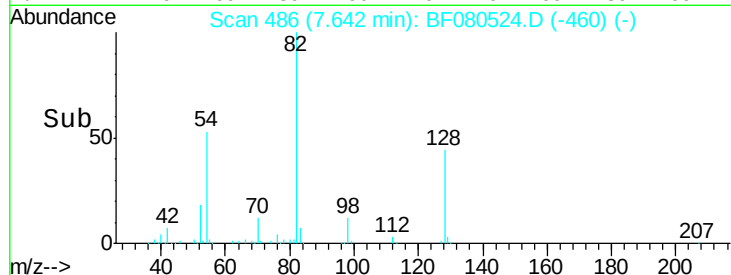
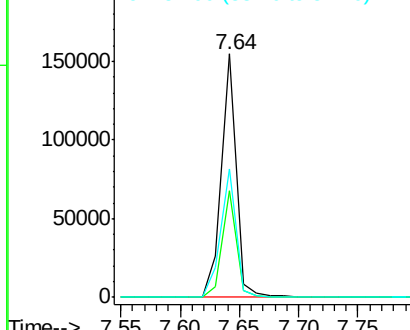
82 100

128 43.8 51.0 76.6#

54 52.7 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: BF080524.D

Acq: 16 Jul 2015 22:12

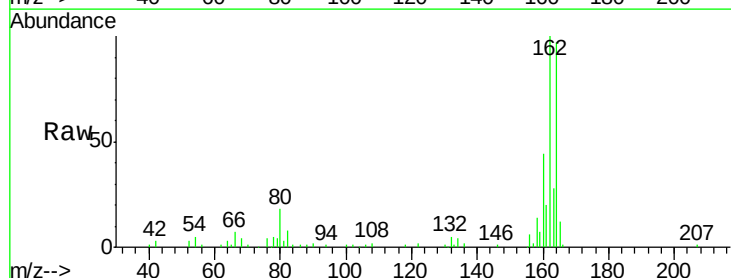
Tgt Ion:164 Resp: 60511

Ion Ratio Lower Upper

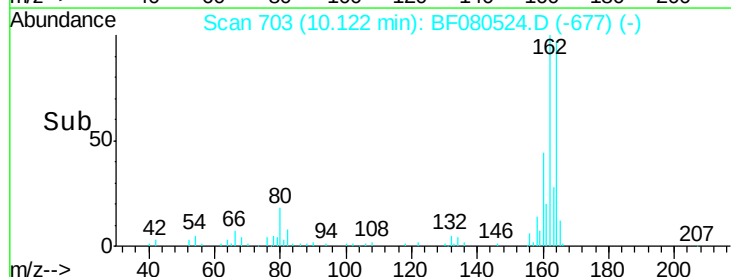
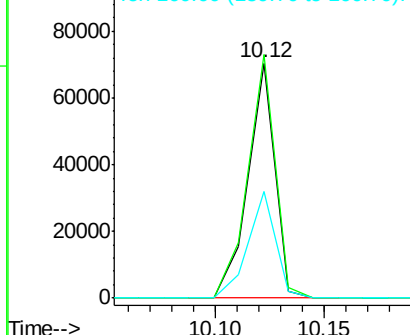
164 100

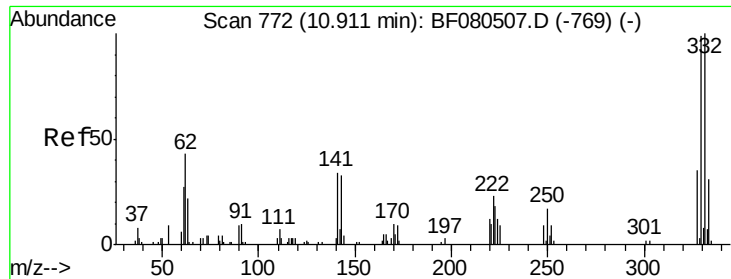
162 103.5 75.2 112.8

160 45.3 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

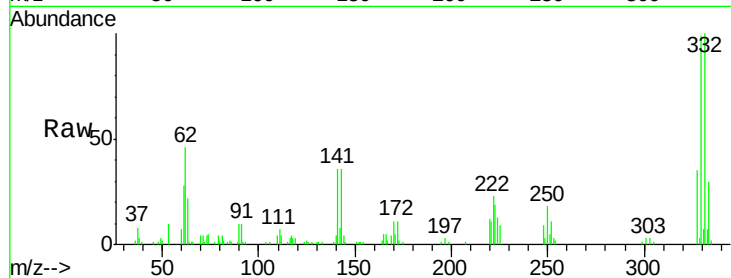




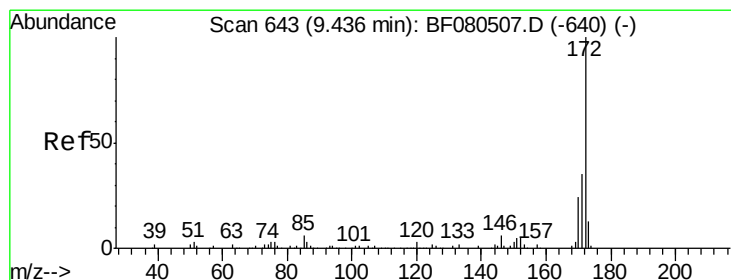
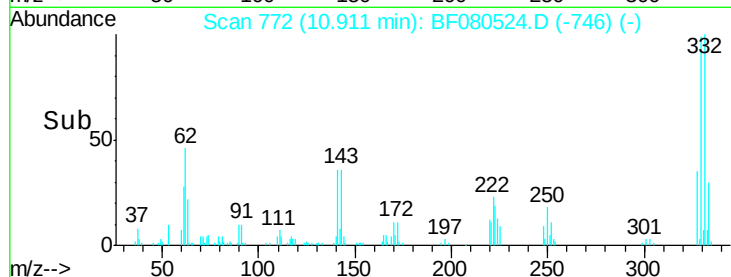
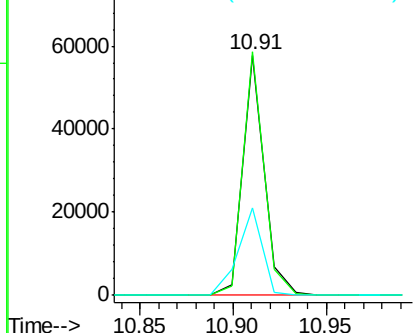
#41
 2,4,6-Tribromophenol
 Concen: 98.71 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080524.D
 Acq: 16 Jul 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E1

Tgt Ion:330 Resp: 46473
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 114.8
 141 41.5 29.7 44.5

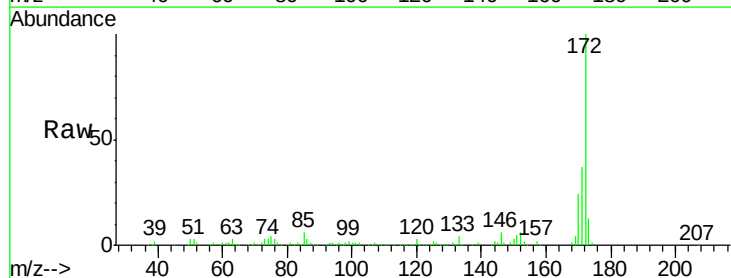


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

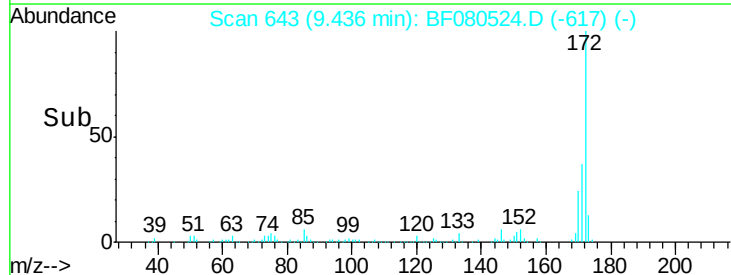
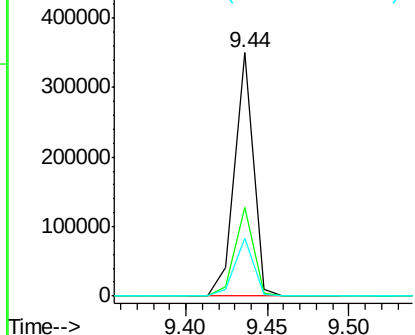


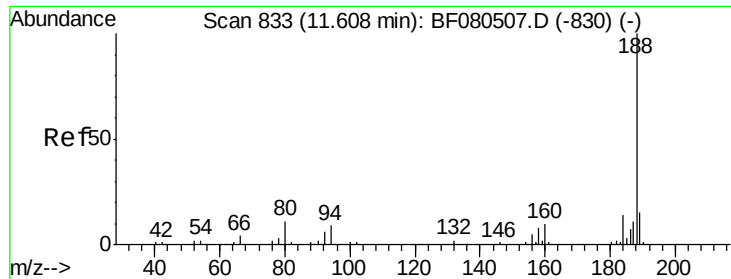
#44
 2-Fluorobiphenyl
 Concen: 62.08 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080524.D
 Acq: 16 Jul 2015 22:12

Tgt Ion:172 Resp: 276066
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 23.7 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

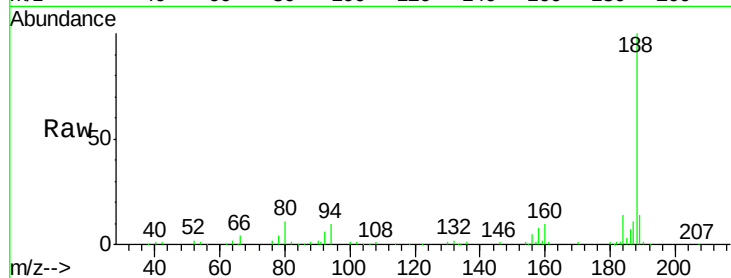




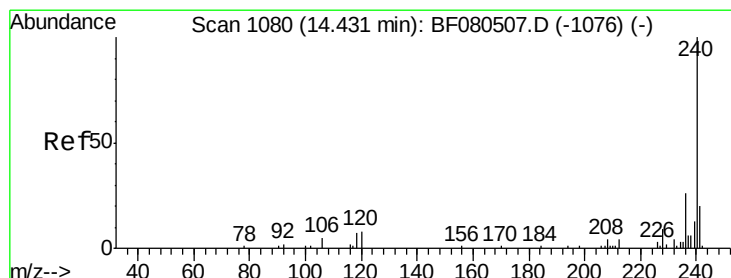
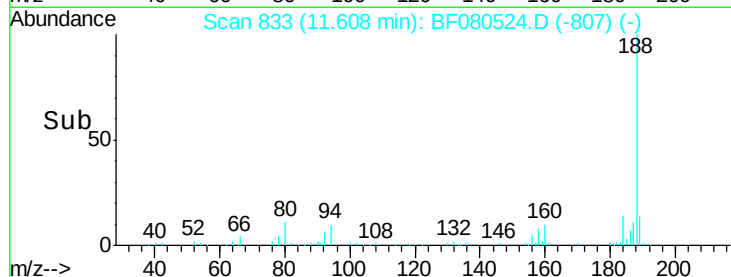
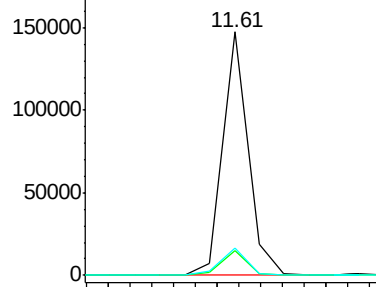
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF080524.D
Acq: 16 Jul 2015 22:12

Instrument :
BNA_F
ClientSampleId :
TEC-E1

Tgt Ion:188 Resp: 119474
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 11.4 11.0 16.4

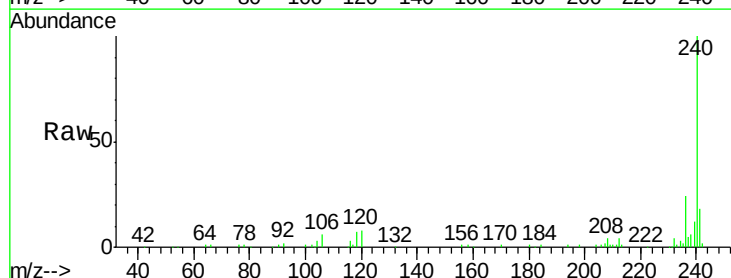


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

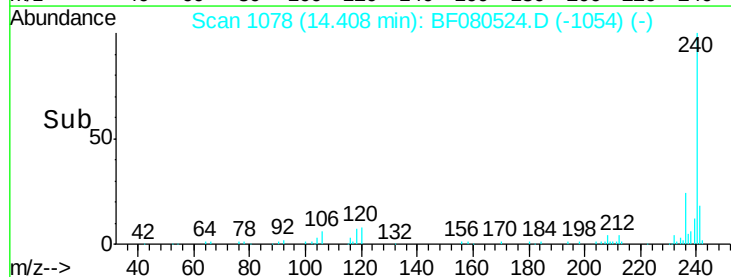
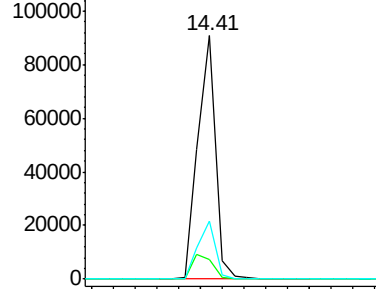


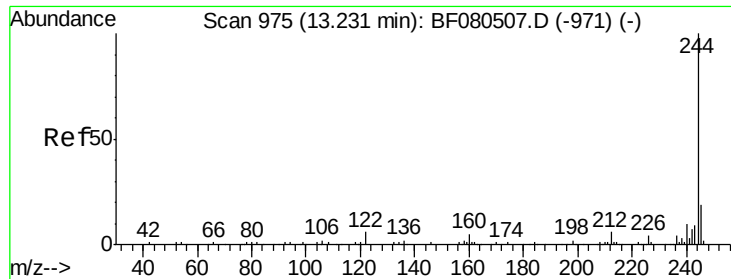
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.41 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BF080524.D
Acq: 16 Jul 2015 22:12

Tgt Ion:240 Resp: 102251
Ion Ratio Lower Upper
240 100
120 7.8 16.2 24.2#
236 23.9 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

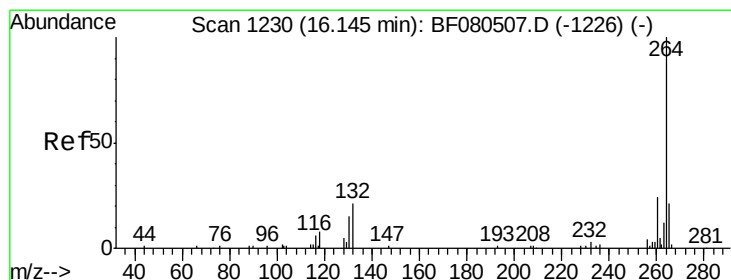
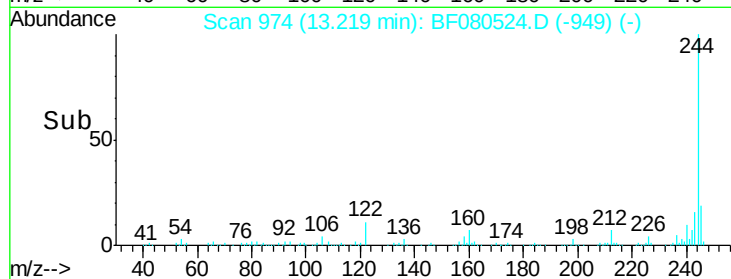
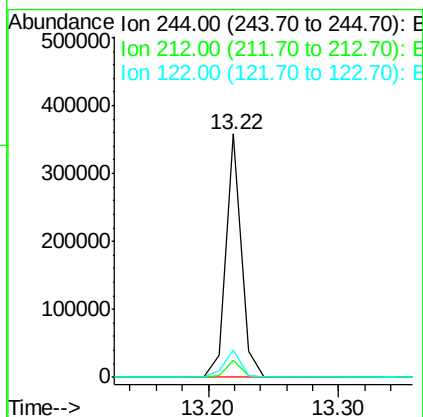
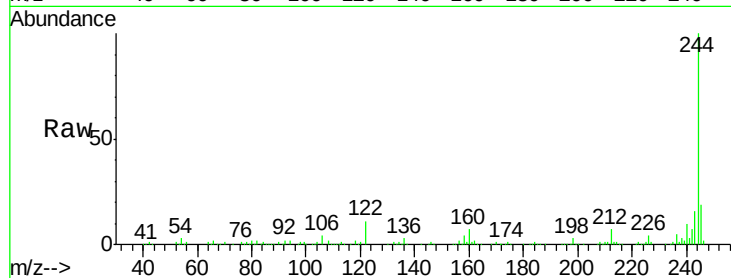




#78
 Terphenyl-d14
 Concen: 60.11 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF080524.D
 Acq: 16 Jul 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E1

Tgt Ion:244 Resp: 296414
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1226
 Delta R.T. -0.05 min
 Lab File: BF080524.D
 Acq: 16 Jul 2015 22:12

Tgt Ion:264 Resp: 94125
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.6 17.2 25.8

