

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080529.D
Acq On : 17 Jul 2015 1:27
Operator : TP/UM
Sample : G2951-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B2

Quant Time: Jul 17 08:02:36 2015
Quant Title :
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	30134	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	126290	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	55404	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	112483	20.00	ng	0.00
75) Chrysene-d12	14.40	240	85341	20.00	ng	-0.03
86) Perylene-d12	16.08	264	75648	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	139256	78.78	ng	0.01
7) Phenol-d6	6.72	99	184312	76.78	ng	0.00
23) Nitrobenzene-d5	7.64	82	114782	53.35	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	45387	105.29	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	259155	63.65	ng	0.00
78) Terphenyl-d14	13.22	244	259320	63.00	ng	-0.01

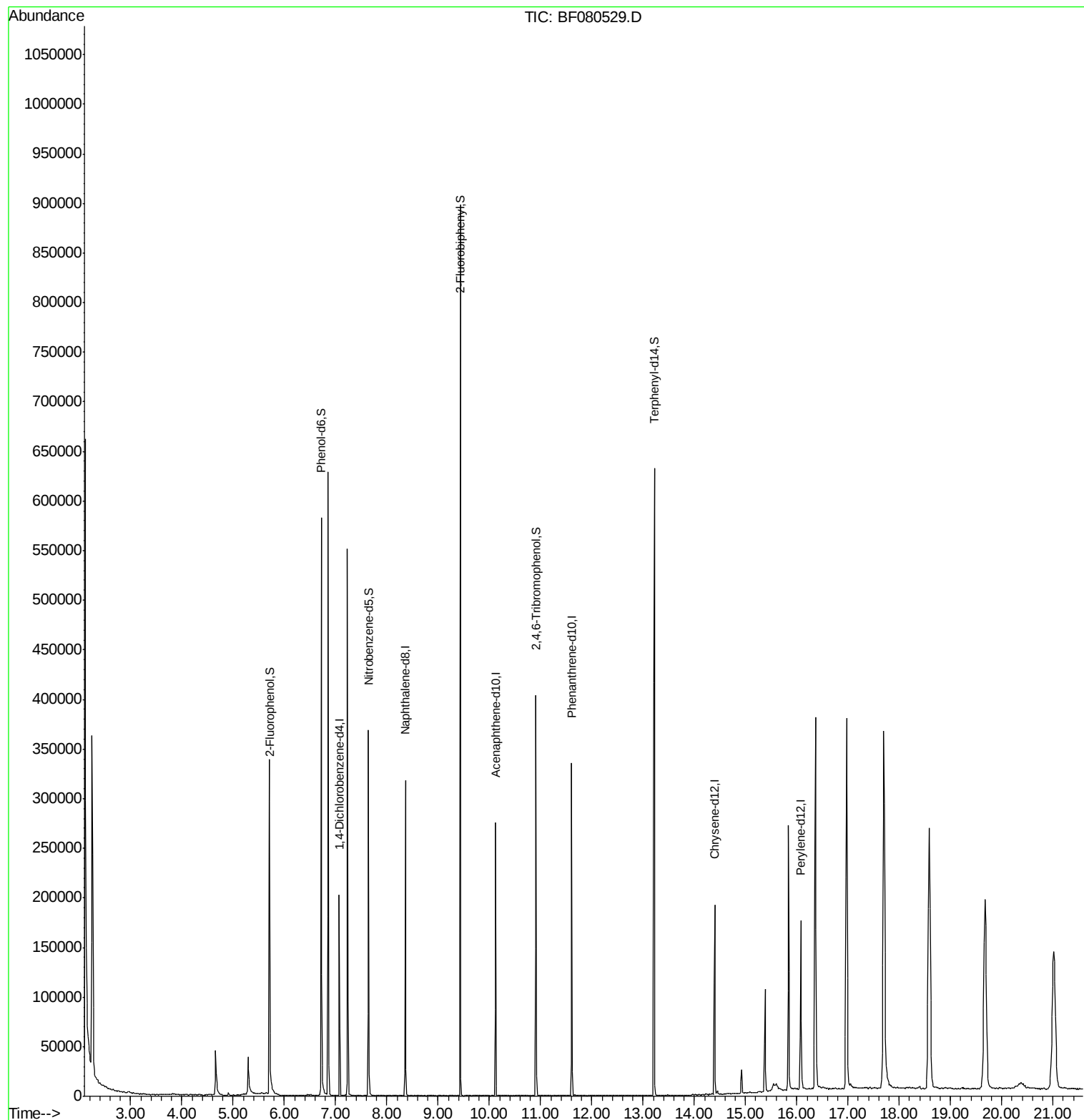
Target Compounds	Qvalue
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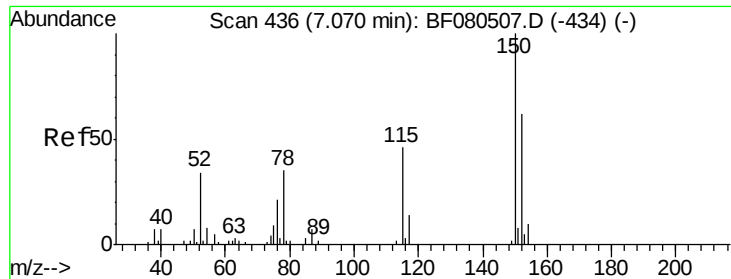
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080529.D

Acq: 17 Jul 2015 1:27

Instrument :

BNA_F

ClientSampleId :

TEC-B2

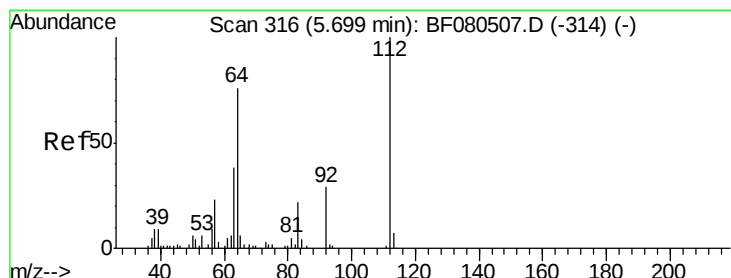
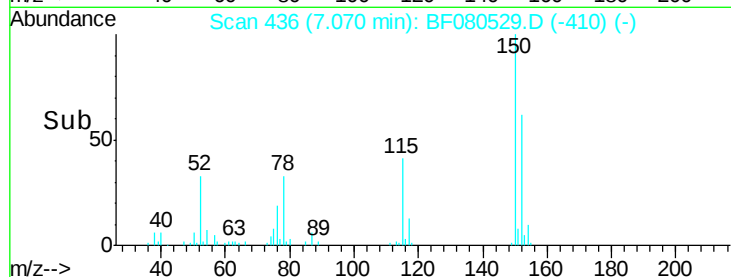
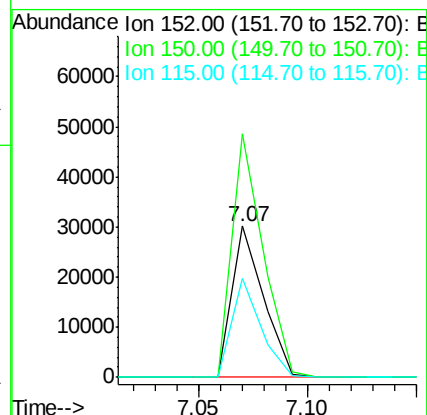
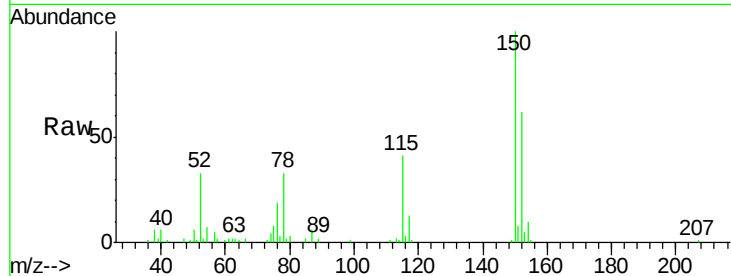
Tgt Ion:152 Resp: 30134

Ion Ratio Lower Upper

152 100

150 161.4 124.7 187.1

115 65.9 39.0 58.4#



#5

2-Fluorophenol

Concen: 78.78 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080529.D

Acq: 17 Jul 2015 1:27

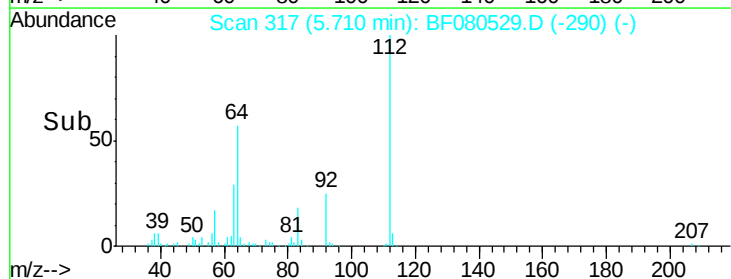
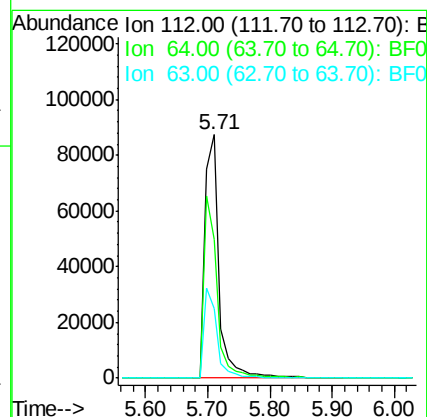
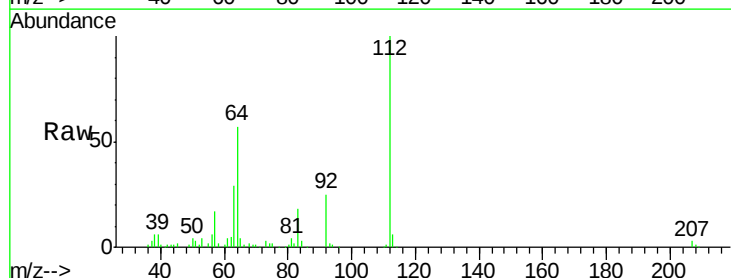
Tgt Ion:112 Resp: 139256

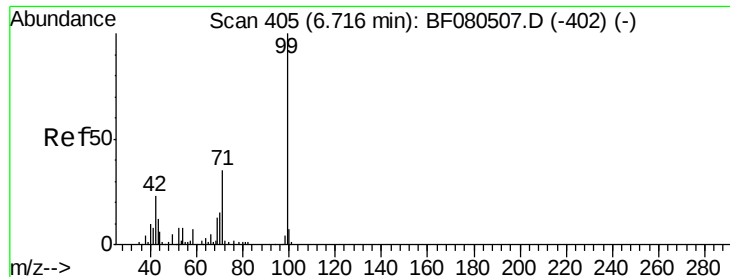
Ion Ratio Lower Upper

112 100

64 56.8 39.7 59.5

63 28.5 17.4 26.0#





#7

Phenol-d6

Concen: 76.78 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080529.D

Acq: 17 Jul 2015 1:27

Instrument :

BNA_F

ClientSampled :

TEC-B2

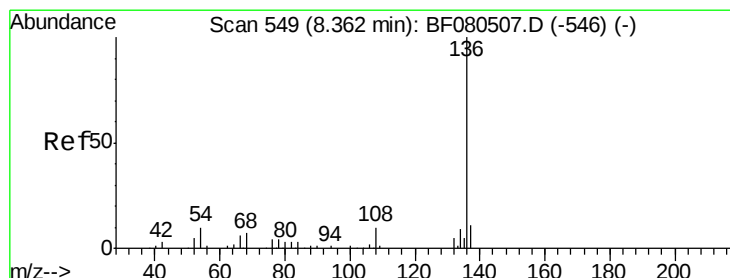
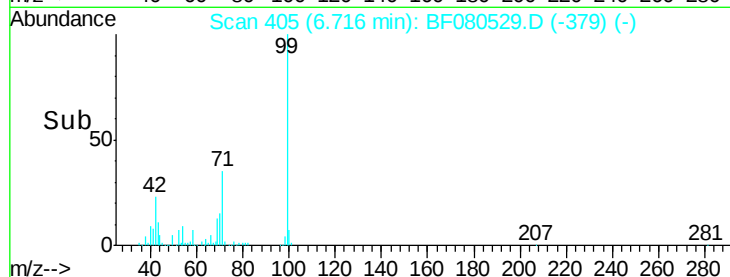
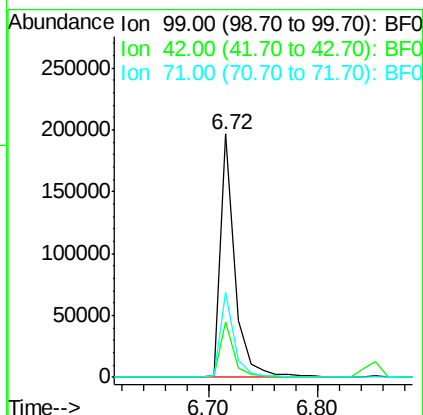
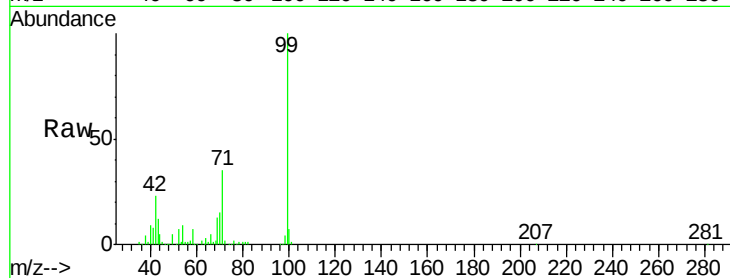
Tgt Ion: 99 Resp: 184312

Ion Ratio Lower Upper

99 100

42 22.6 13.7 20.5#

71 34.9 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: BF080529.D

Acq: 17 Jul 2015 1:27

Tgt Ion: 136 Resp: 126290

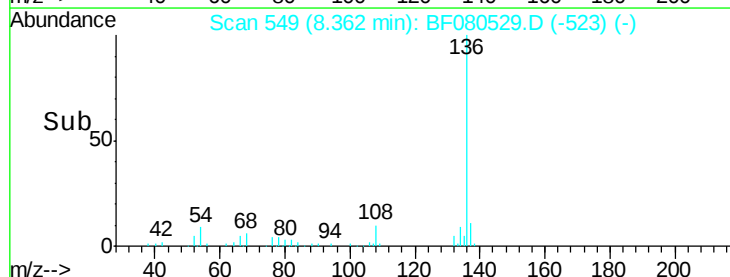
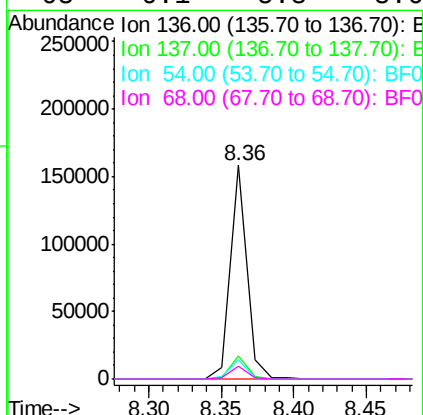
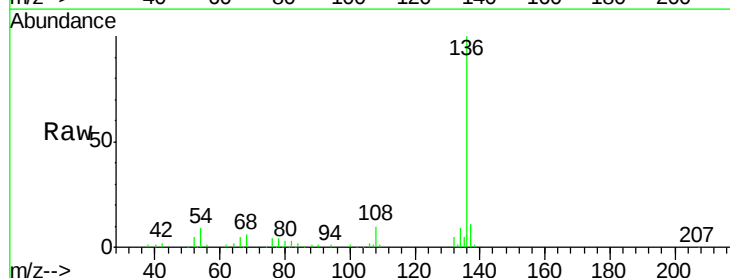
Ion Ratio Lower Upper

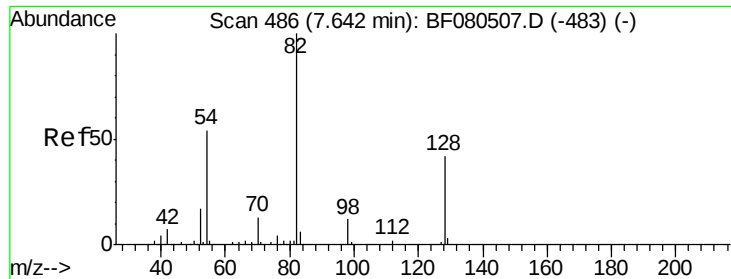
136 100

137 10.6 9.0 13.6

54 9.1 8.2 12.2

68 6.1 5.8 8.6

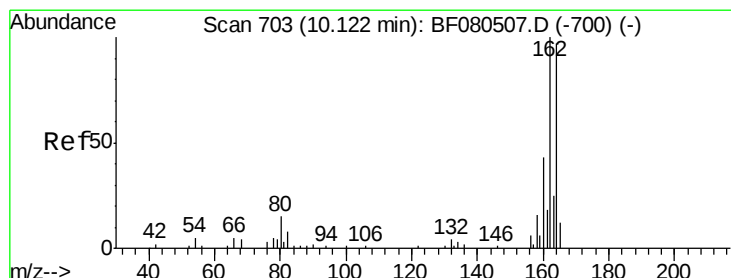
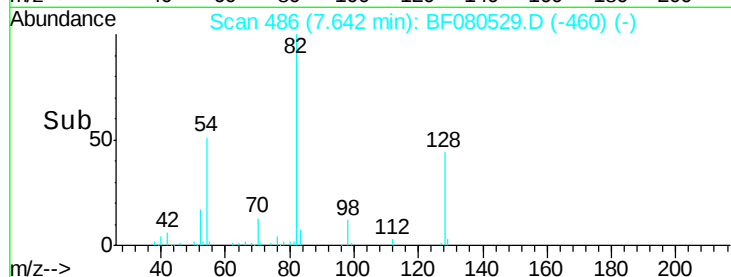
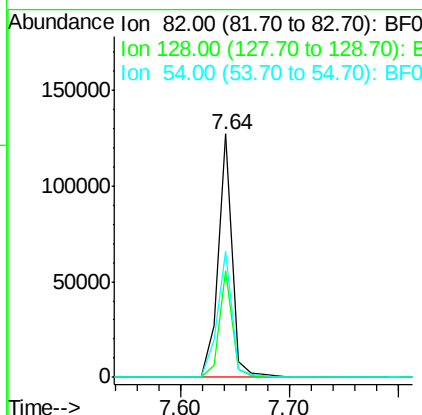
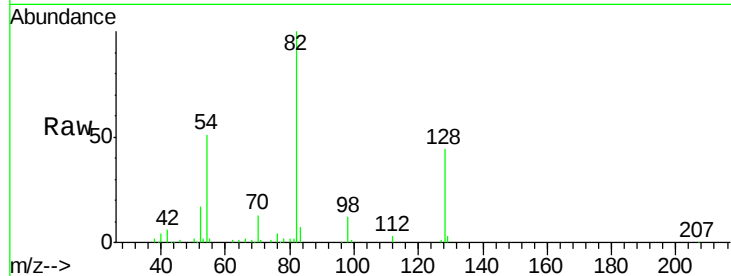




#23
 Nitrobenzene-d5
 Concen: 53.35 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

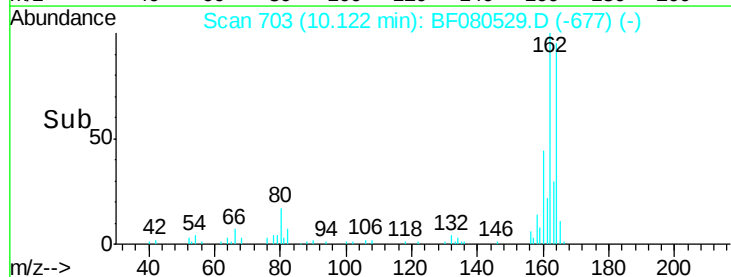
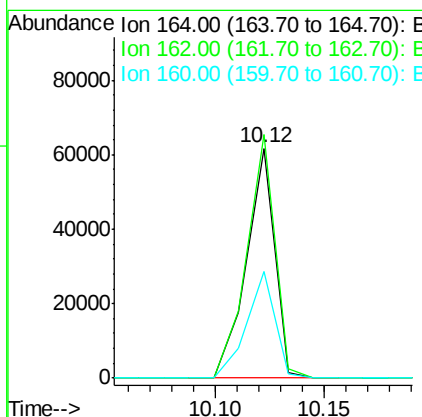
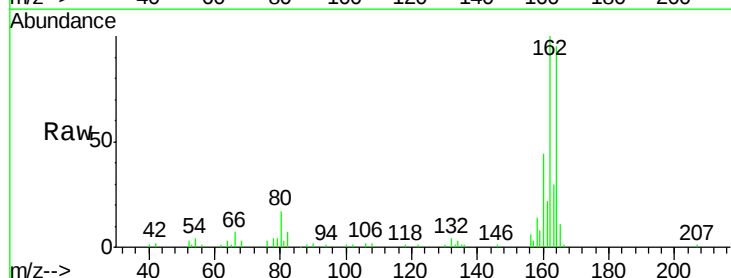
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

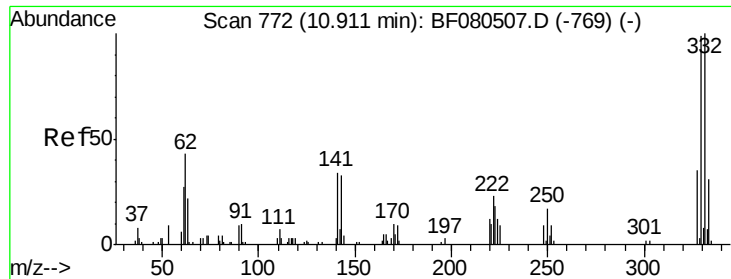
Tgt Ion: 82 Resp: 114782
 Ion Ratio Lower Upper
 82 100
 128 43.9 51.0 76.6#
 54 51.4 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

Tgt Ion: 164 Resp: 55404
 Ion Ratio Lower Upper
 164 100
 162 105.8 75.2 112.8
 160 46.1 31.5 47.3

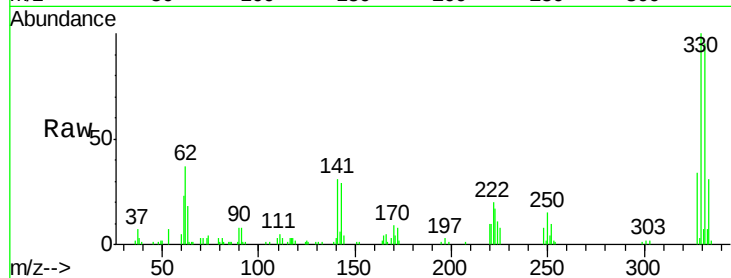




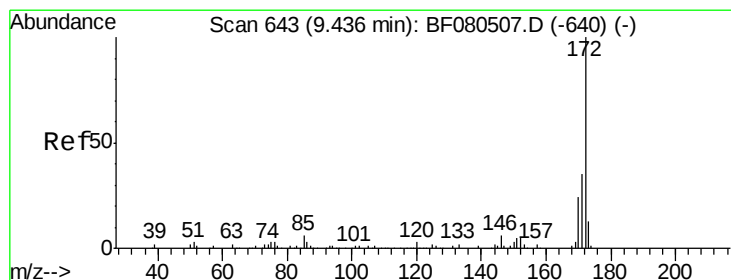
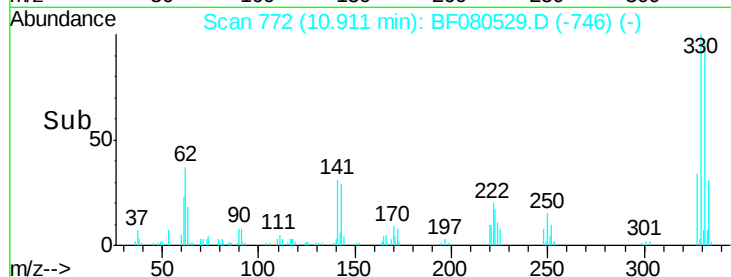
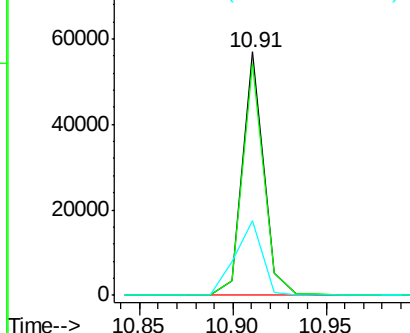
#41
 2,4,6-Tribromophenol
 Concen: 105.29 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion:330 Resp: 45387
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 39.2 29.7 44.5

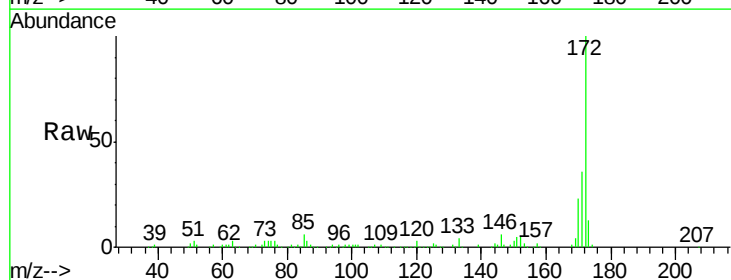


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

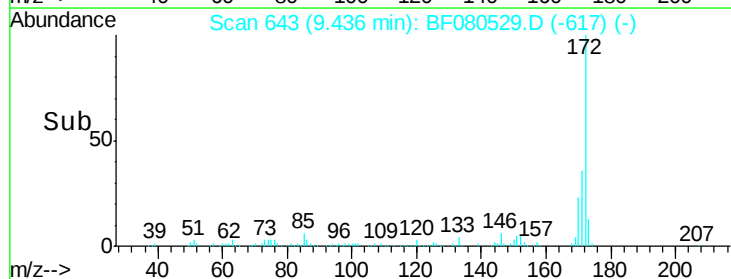
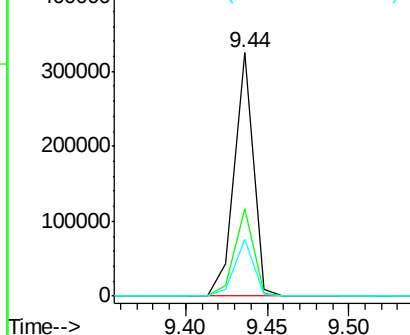


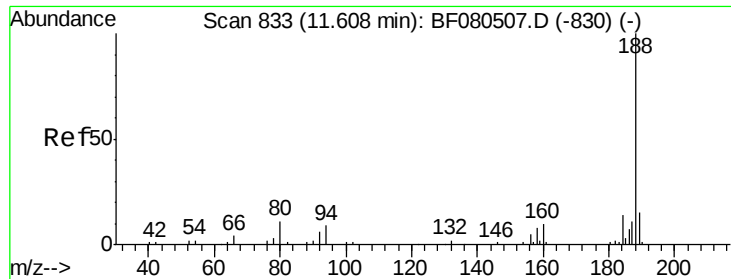
#44
 2-Fluorobiphenyl
 Concen: 63.65 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

Tgt Ion:172 Resp: 259155
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 23.1 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

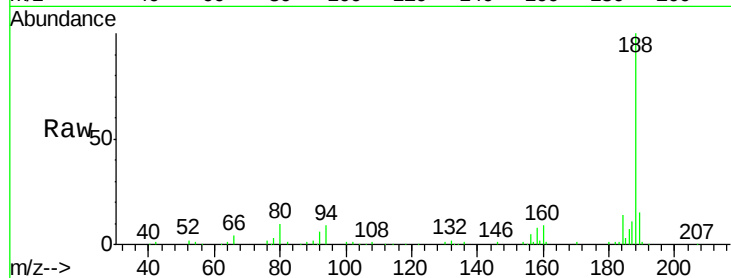




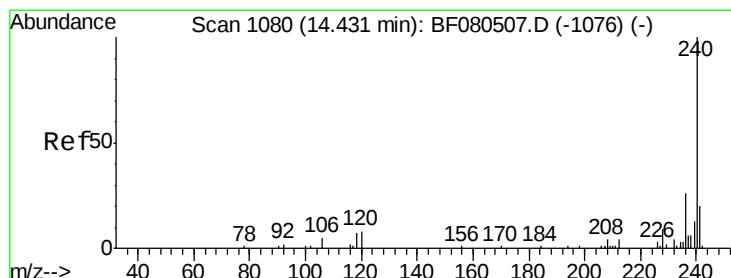
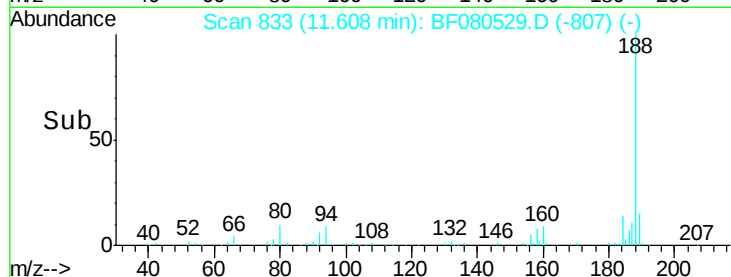
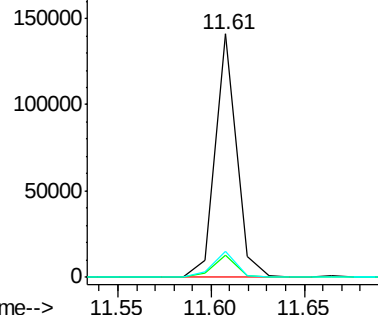
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.61 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF080529.D
Acq: 17 Jul 2015 1:27

Instrument :
BNA_F
ClientSampleId :
TEC-B2

Tgt Ion:188 Resp: 112483
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 10.4 11.0 16.4#

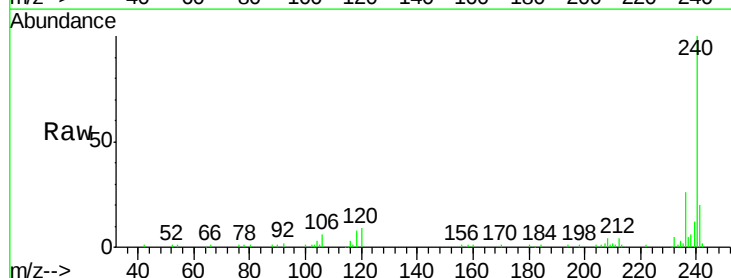


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

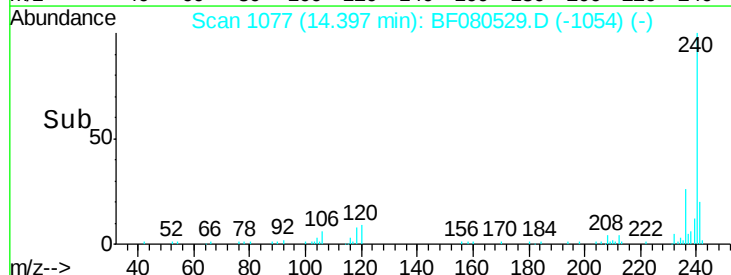
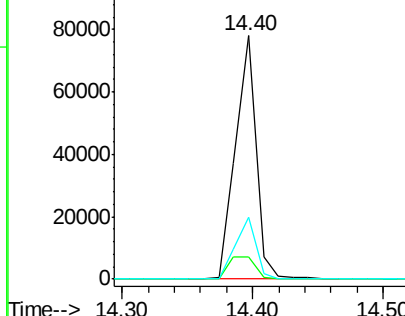


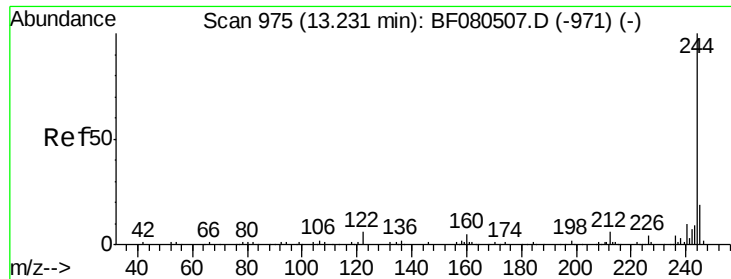
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.40 min Scan# 1077
Delta R.T. -0.03 min
Lab File: BF080529.D
Acq: 17 Jul 2015 1:27

Tgt Ion:240 Resp: 85341
Ion Ratio Lower Upper
240 100
120 9.0 16.2 24.2#
236 25.6 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

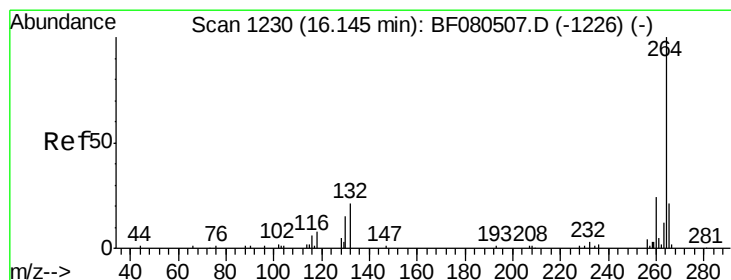
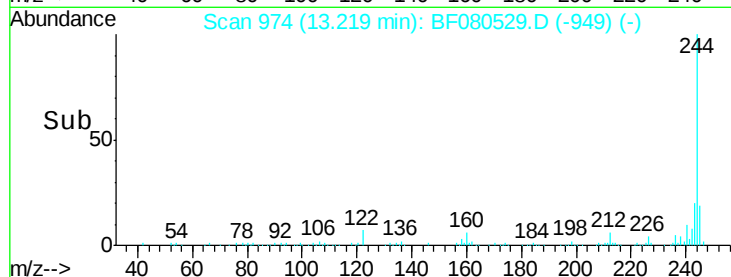
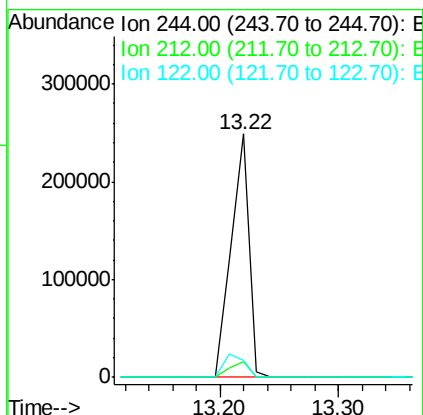
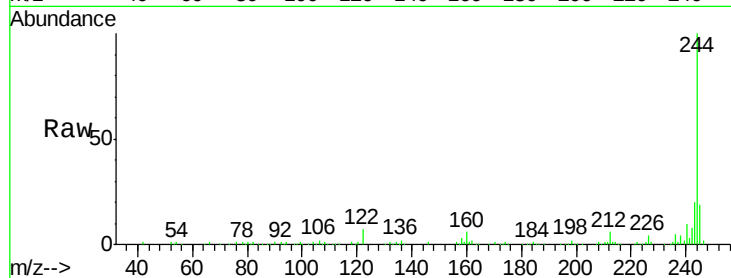




#78
 Terphenyl-d14
 Concen: 63.00 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion:244 Resp: 259320
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.3 6.5
 122 7.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 1224
 Delta R.T. -0.07 min
 Lab File: BF080529.D
 Acq: 17 Jul 2015 1:27

Tgt Ion:264 Resp: 75648
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.7 17.2 25.8

