

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088537.D
 Acq On : 30 Jun 2016 19:02
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Quant Time: Jul 01 01:51:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136344	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	566854	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277155	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	507479	20.00	ng	0.00
75) Chrysene-d12	13.95	240	449646	20.00	ng	0.00
86) Perylene-d12	15.35	264	341002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1158278	127.32	ng	0.02
7) Phenol-d6	6.44	99	1216805	103.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	946403	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	325841	126.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1297737	73.96	ng	0.00
78) Terphenyl-d14	12.91	244	1190093	58.95	ng	0.00

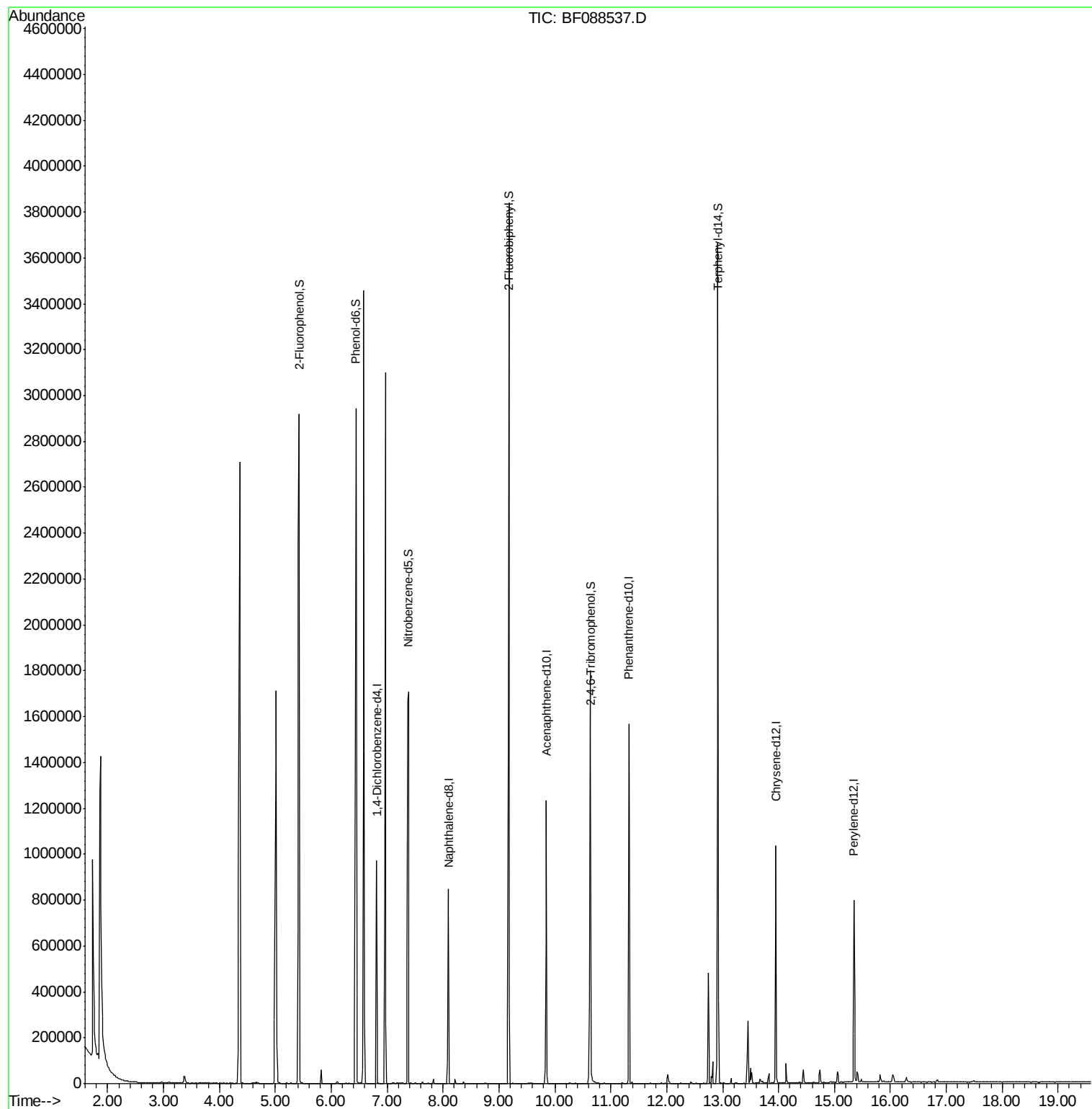
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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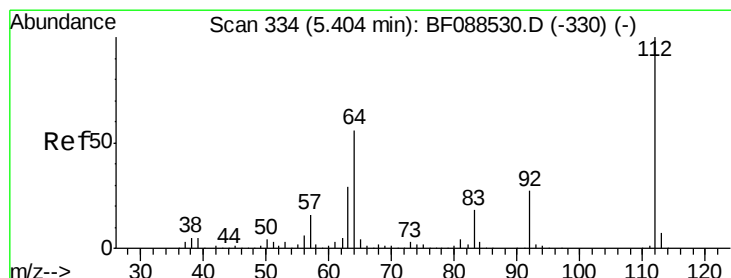
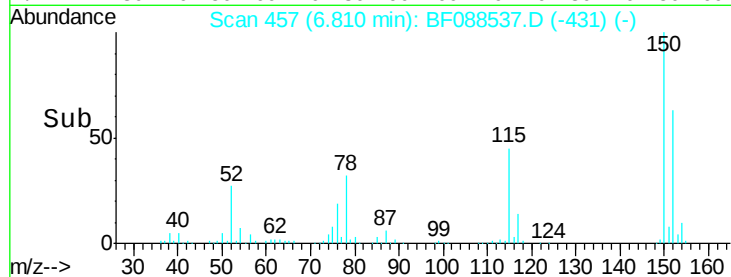
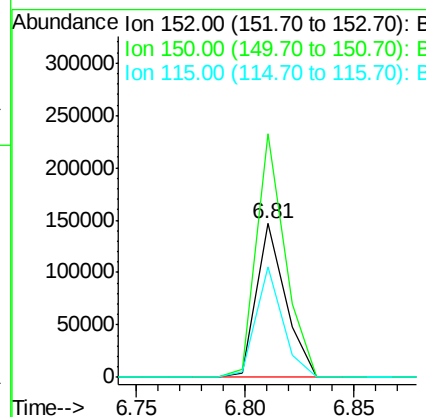
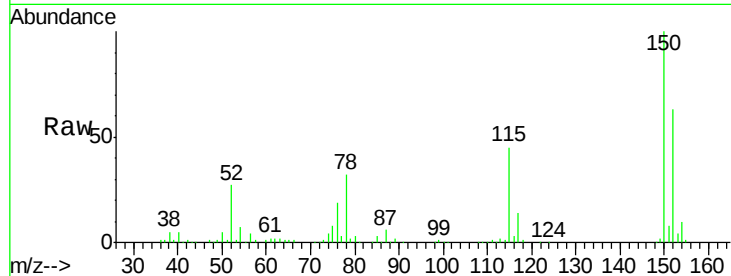


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

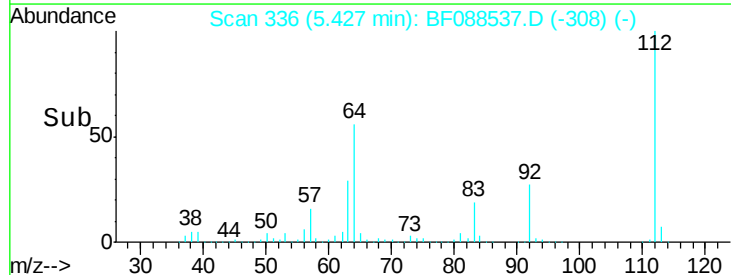
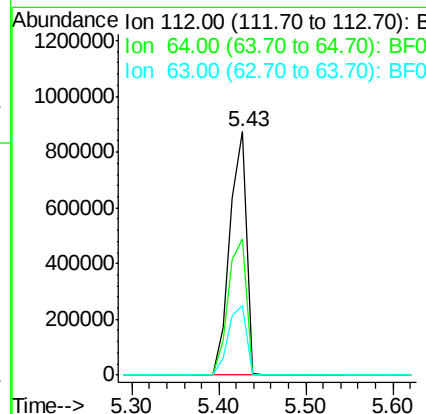
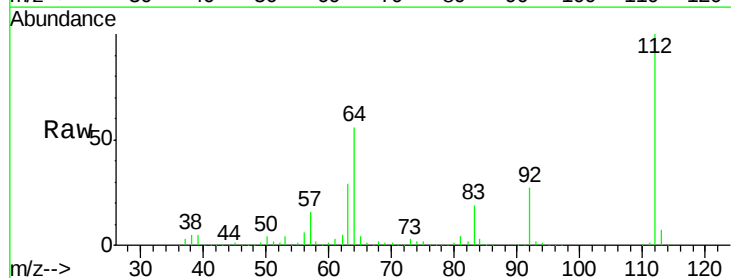
Tgt Ion:152 Resp: 136344
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 71.6 39.6 59.4#



#5

2-Fluorophenol
Concen: 127.32 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.02 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:112 Resp: 1158278
Ion Ratio Lower Upper
112 100
64 55.8 42.2 63.2
63 28.7 21.8 32.8





#7

Phenol-d6

Concen: 103.51 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

Instrument :

BNA_F

ClientSampled :

PB91573TB

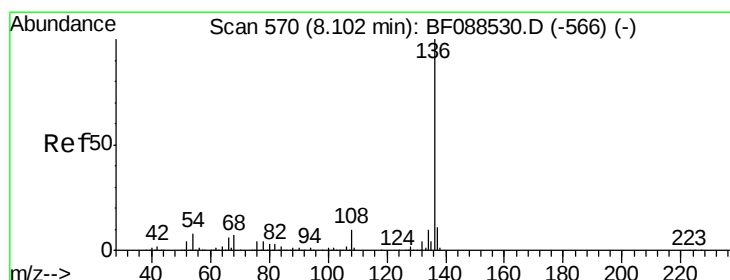
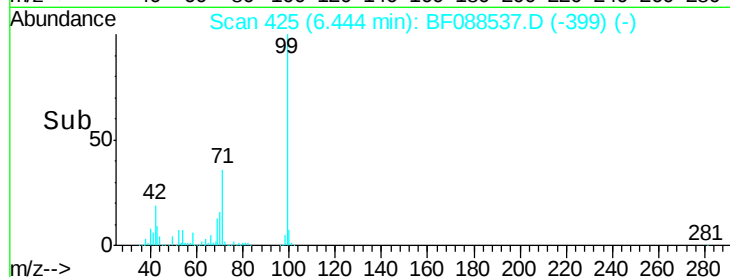
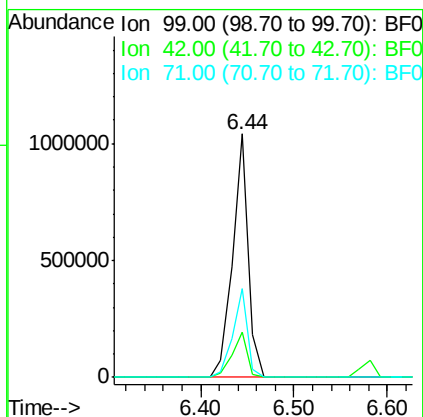
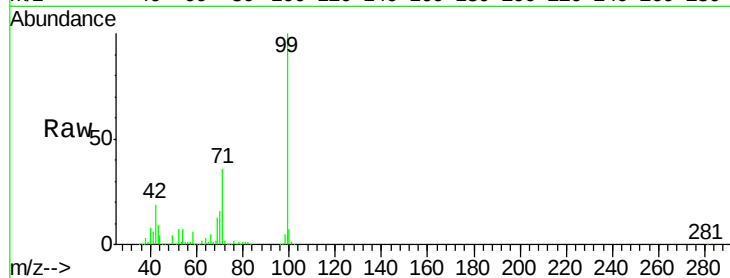
Tgt Ion: 99 Resp: 1216805

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 36.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

Tgt Ion: 136 Resp: 566854

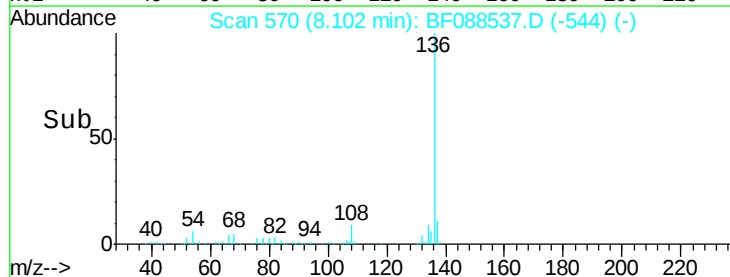
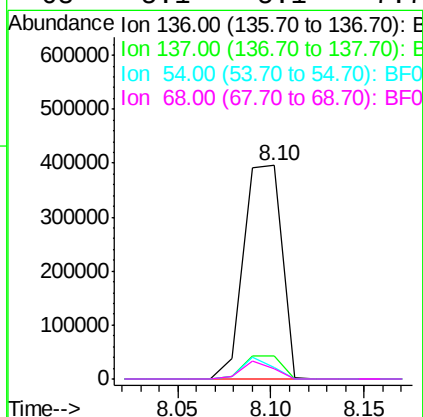
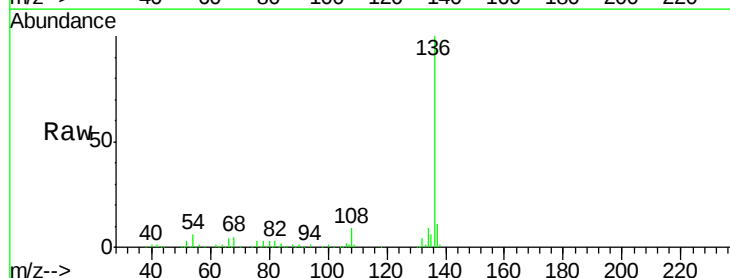
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.6 6.6 10.0#

68 5.1 5.1 7.7#

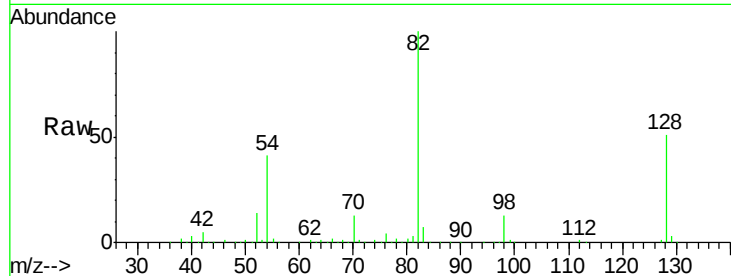




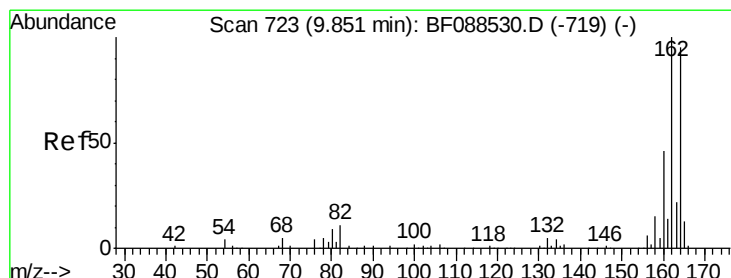
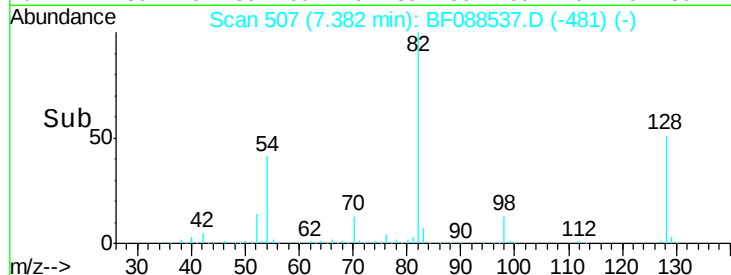
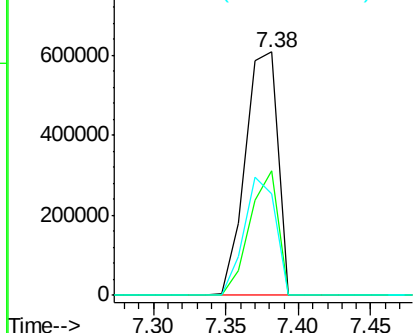
#23
 Nitrobenzene-d5
 Concen: 87.49 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion: 82 Resp: 946403
 Ion Ratio Lower Upper
 82 100
 128 51.1 35.9 53.9
 54 41.4 40.9 61.3

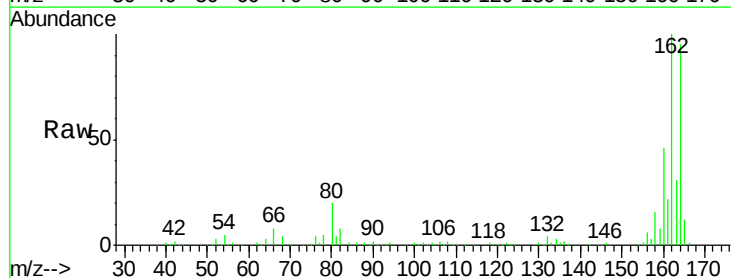


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

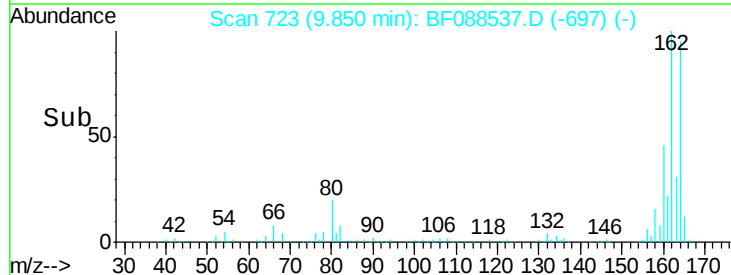
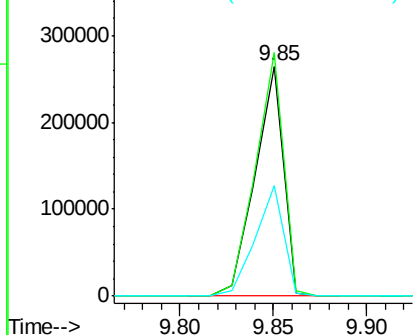


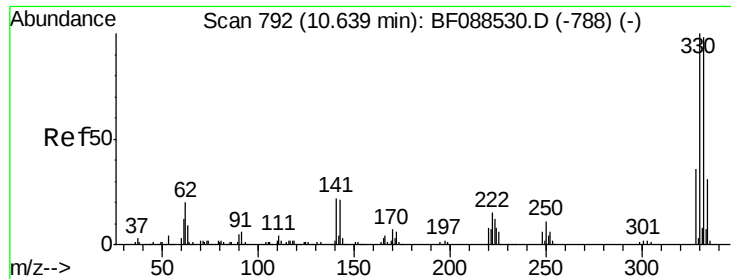
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion: 164 Resp: 277155
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.4 128.2
 160 48.3 39.5 59.3



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

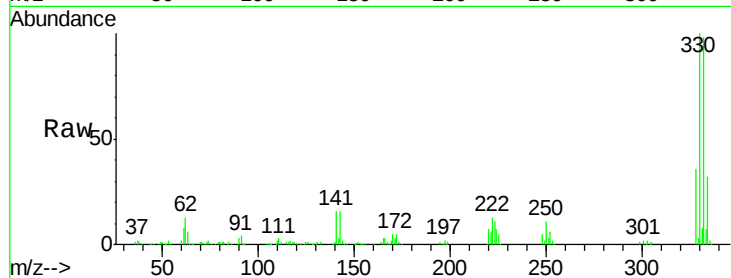




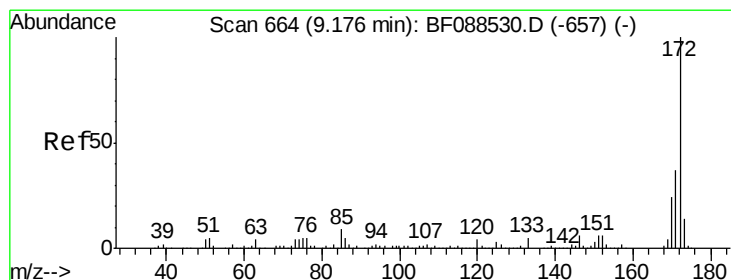
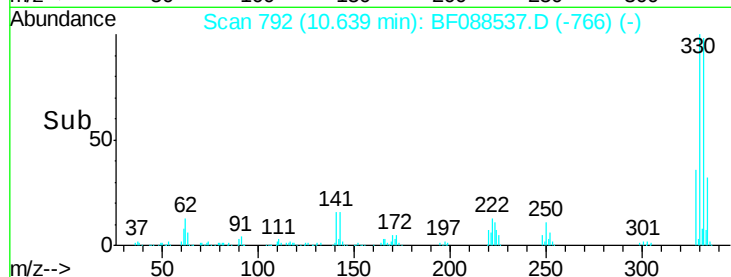
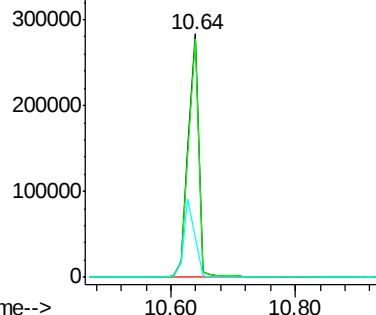
#41
 2,4,6-Tribromophenol
 Concen: 126.61 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion:330 Resp: 325841
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 34.2 0.0 0.0#

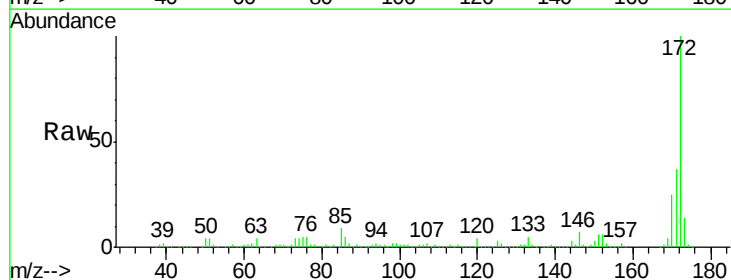


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

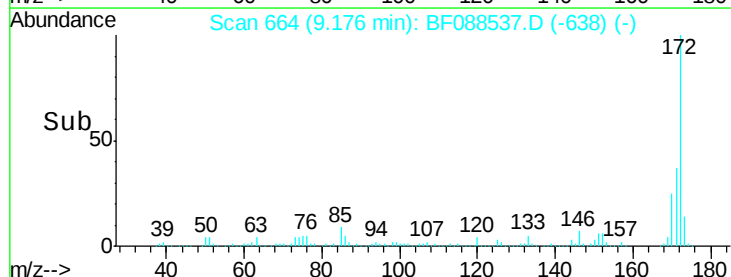
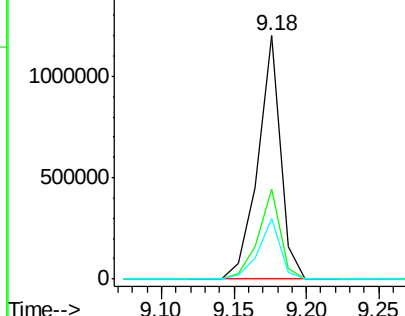


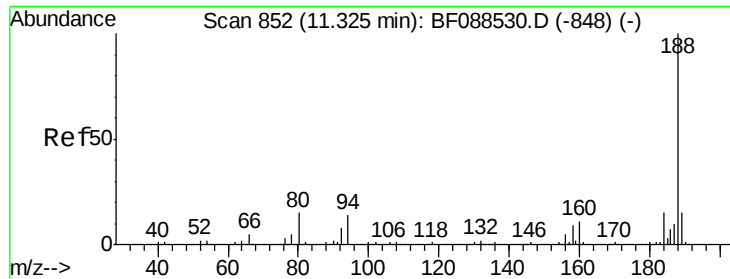
#44
 2-Fluorobiphenyl
 Concen: 73.96 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion:172 Resp: 1297737
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 25.0 19.2 28.8



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

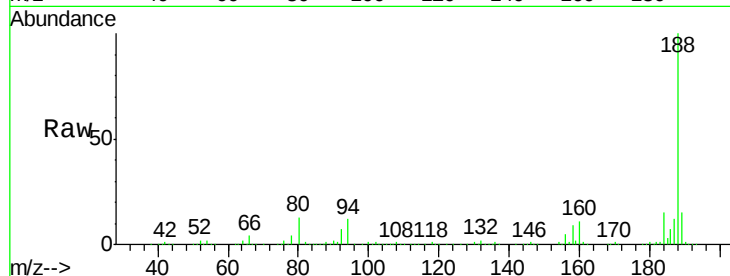




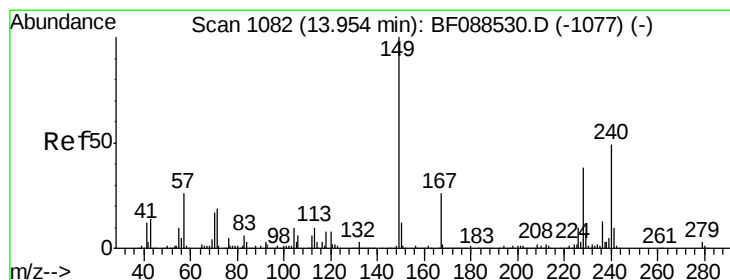
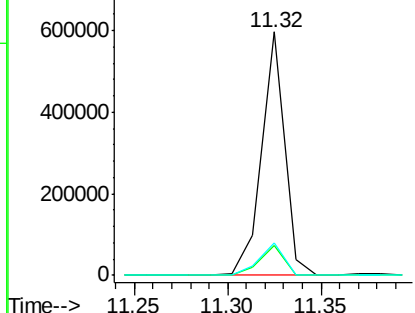
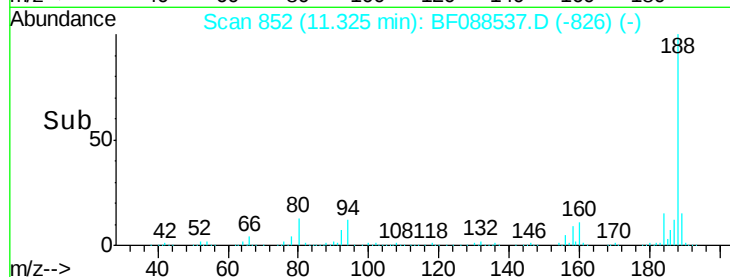
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:188 Resp: 507479
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 13.3 10.0 15.0

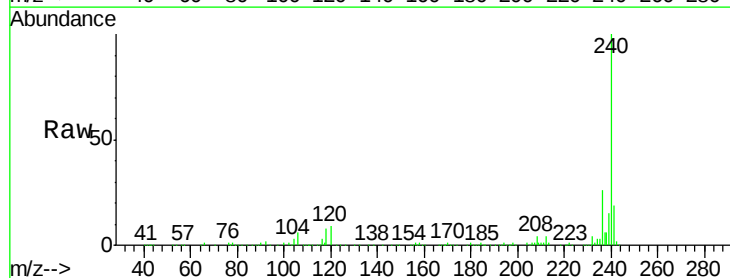


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

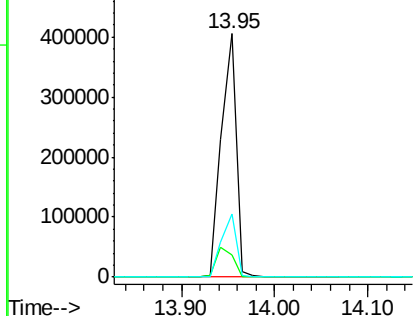
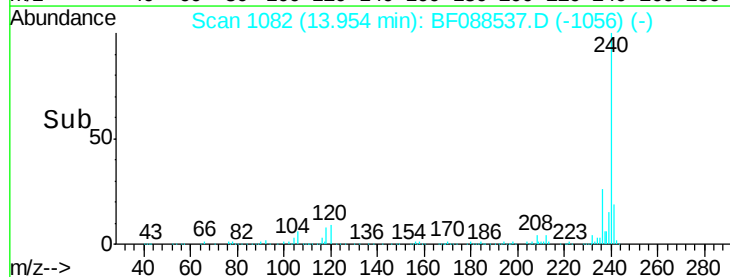


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:240 Resp: 449646
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.8 20.2 30.2



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

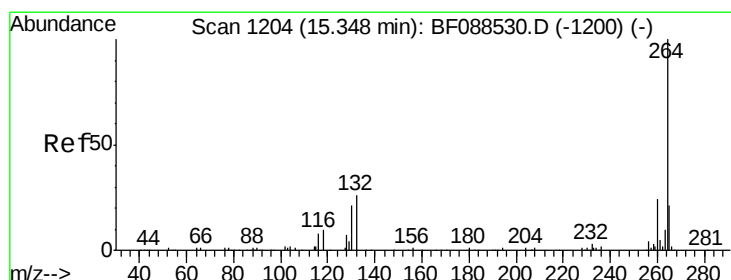
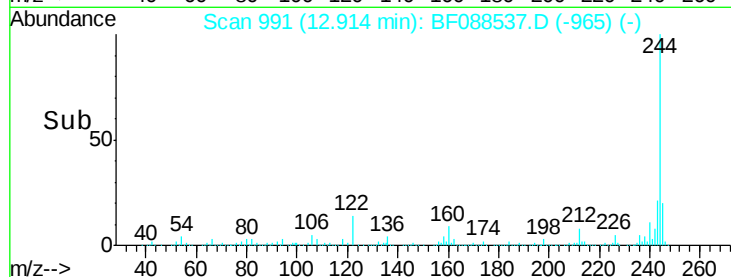
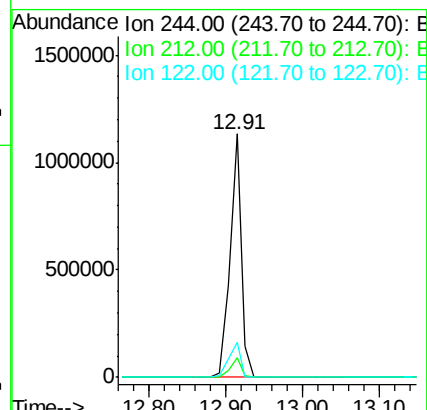
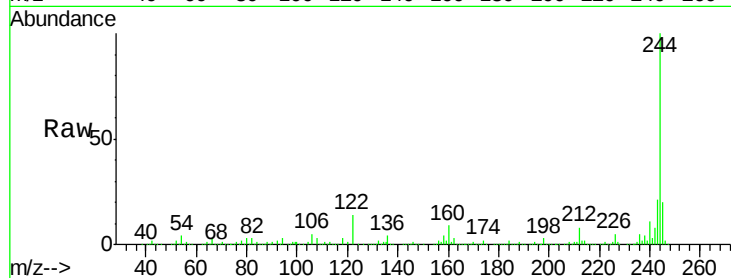




#78
 Terphenyl-d14
 Concen: 58.95 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion:244 Resp: 1190093
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 14.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion:264 Resp: 341002
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 16.9 25.3

