

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082801.D
 Acq On : 7 Nov 2015 10:36
 Operator : UM/IZ
 Sample : G4246-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-12C

Quant Time: Nov 09 00:30:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

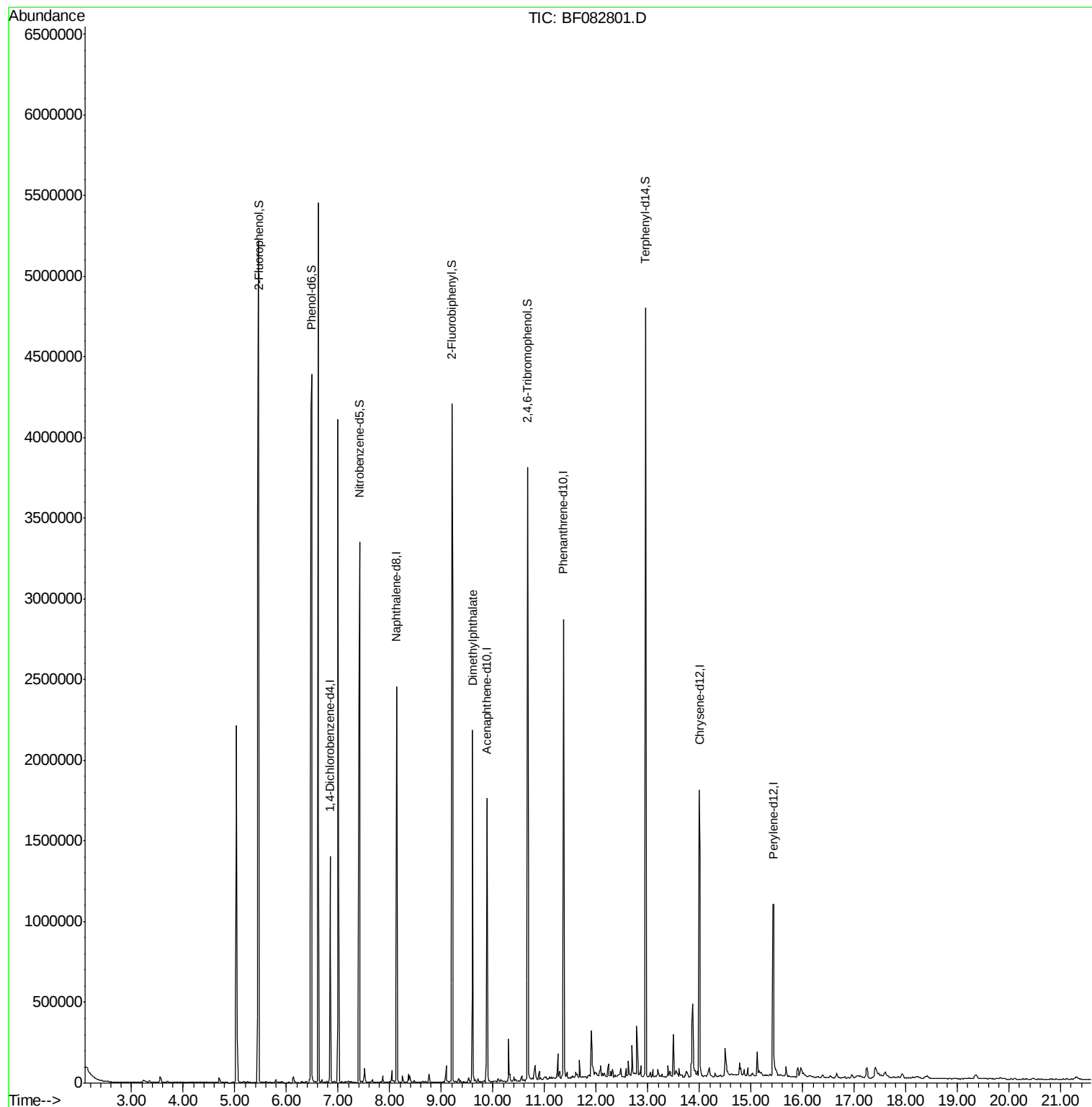
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	247129	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1030050	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	512794	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	939202	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	836418	20.00	ng	-0.02
86) Perylene-d12	15.44	264	633128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1736540	109.33	ng	0.01
7) Phenol-d6	6.49	99	2378965	112.67	ng	0.01
23) Nitrobenzene-d5	7.41	82	1493859	63.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	484125	82.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1762896	49.27	ng	-0.01
78) Terphenyl-d14	12.96	244	1398091	39.65	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	876780	20.87	ng	Qvalue 98

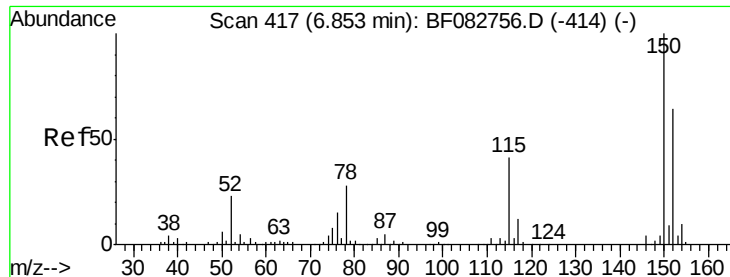
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampled :

T-12C

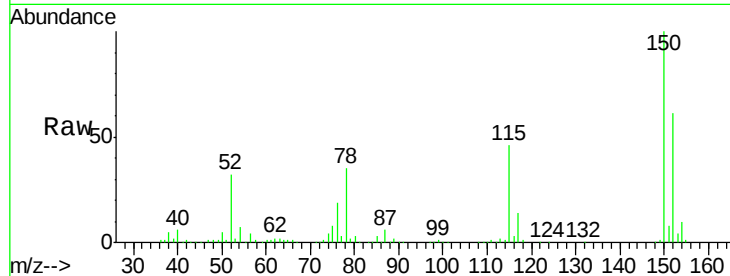
Tot Ion:152 Resp: 247129

Ion Ratio Lower Upper

152 100

150 163.9 127.0 190.4

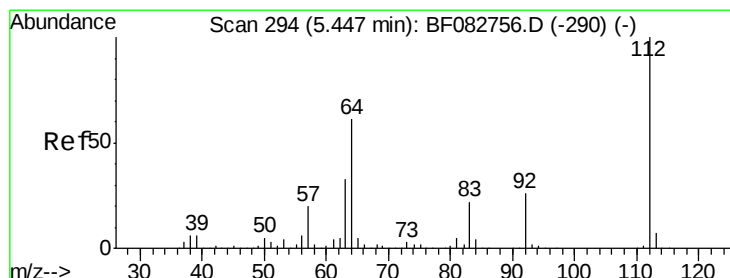
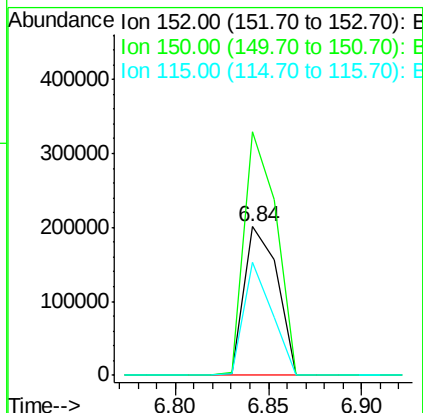
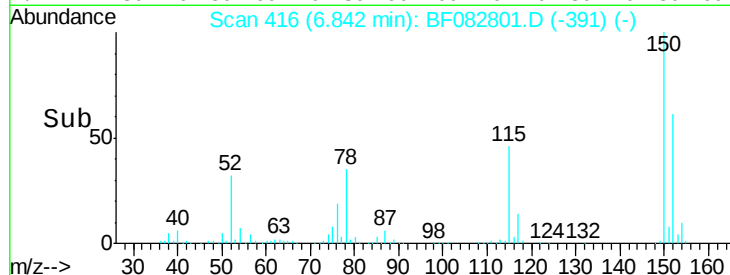
115 75.7 47.0 70.6#



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: 109.33 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

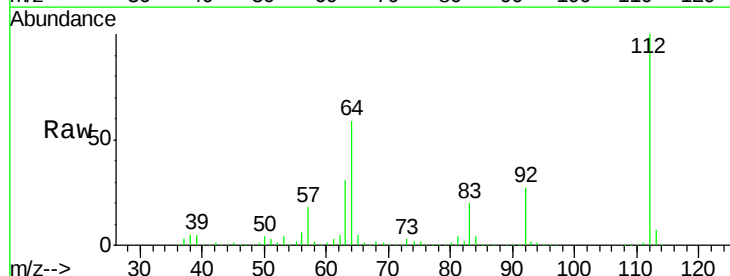
Tgt Ion:112 Resp: 1736540

Ion Ratio Lower Upper

112 100

64 59.2 48.9 73.3

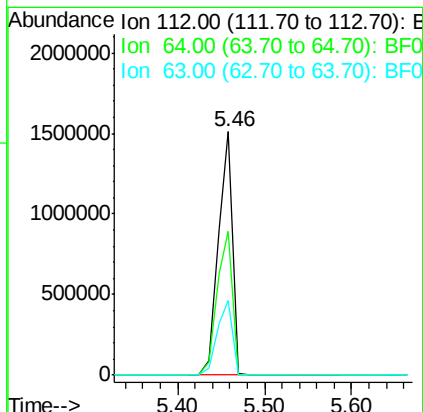
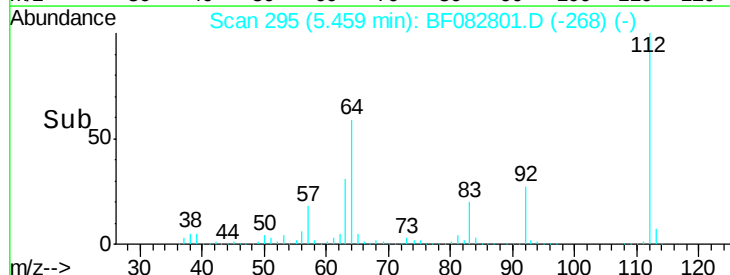
63 30.8 28.1 42.1



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: 112.67 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

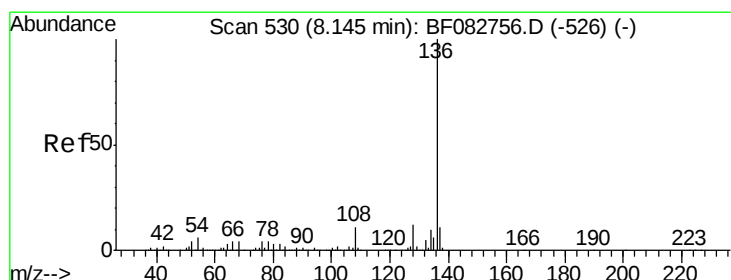
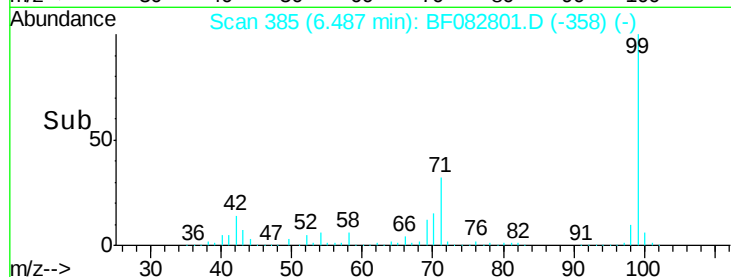
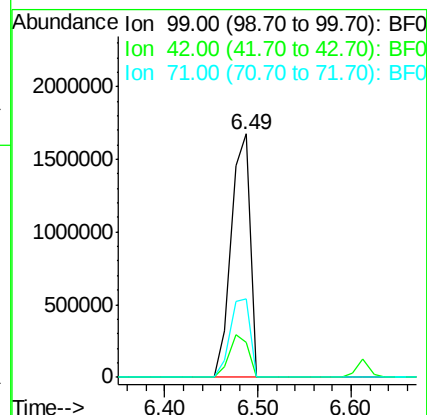
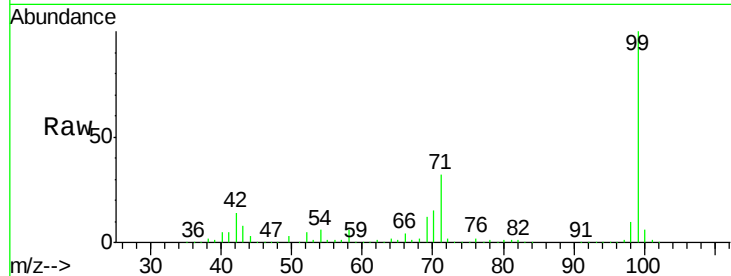
Tot Ion: 99 Resp: 2378965

Ion Ratio Lower Upper

99 100

42 14.3 19.2 28.8#

71 32.1 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Tgt Ion: 136 Resp: 1030050

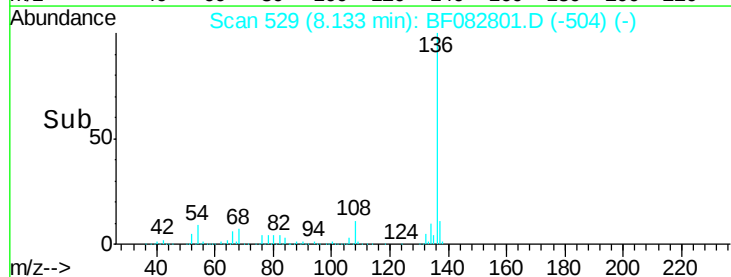
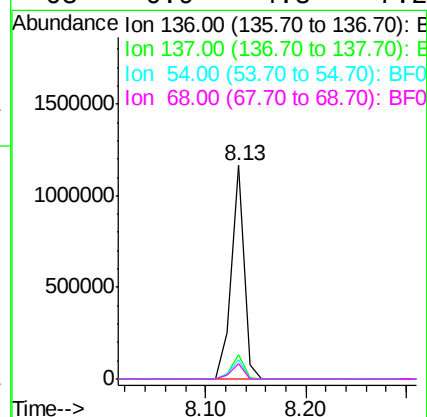
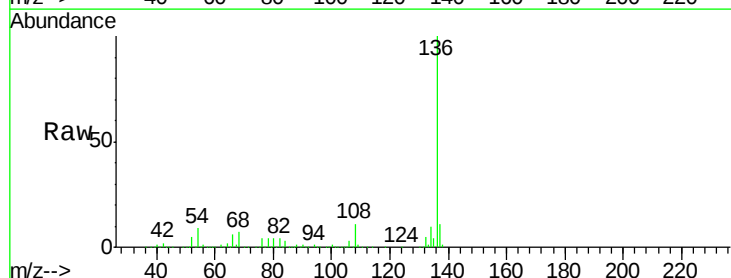
Ion Ratio Lower Upper

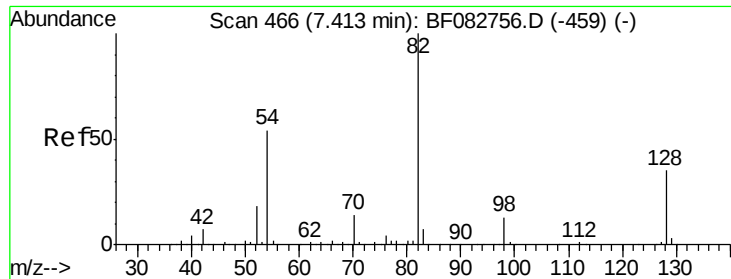
136 100

137 11.3 9.1 13.7

54 9.0 9.1 13.7#

68 6.9 4.8 7.2

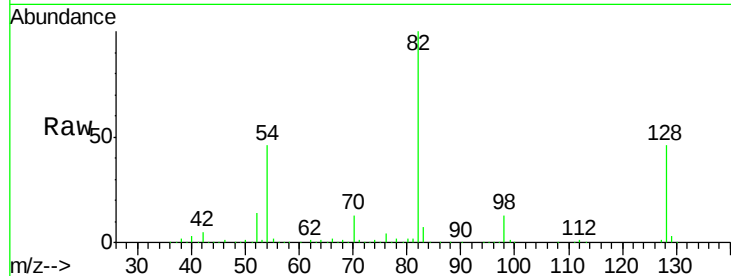




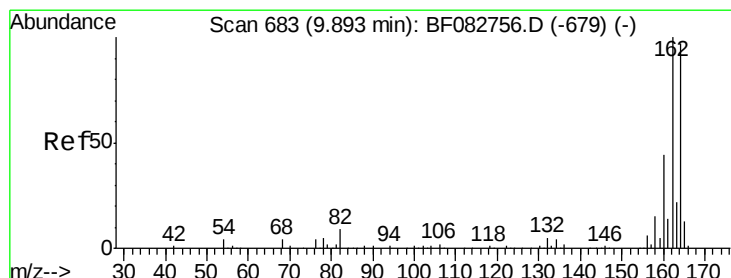
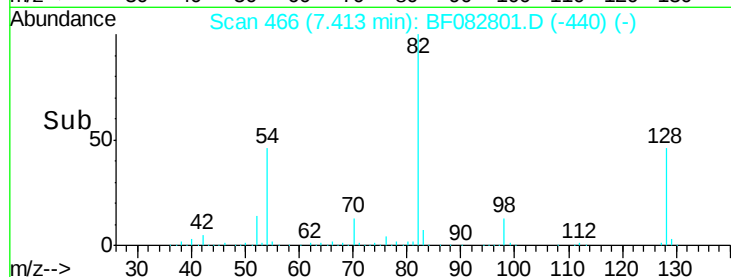
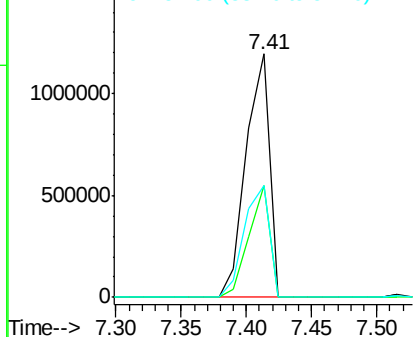
#23
 Nitrobenzene-d5
 Concen: 63.11 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 T-12C

Tot Ion: 82 Resp: 1493859
 Ion Ratio Lower Upper
 82 100
 128 46.1 26.8 40.2#
 54 46.0 45.7 68.5

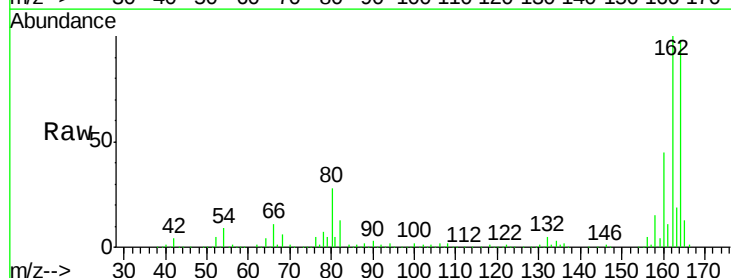


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

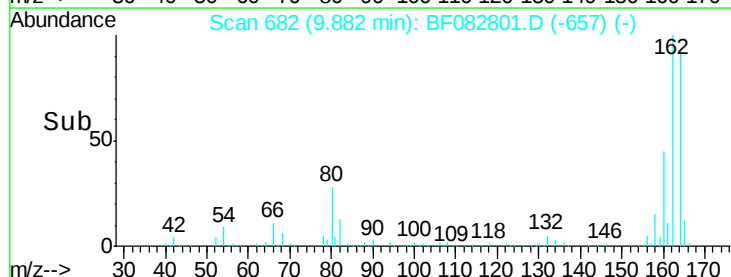
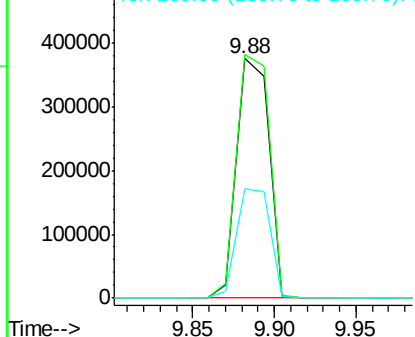


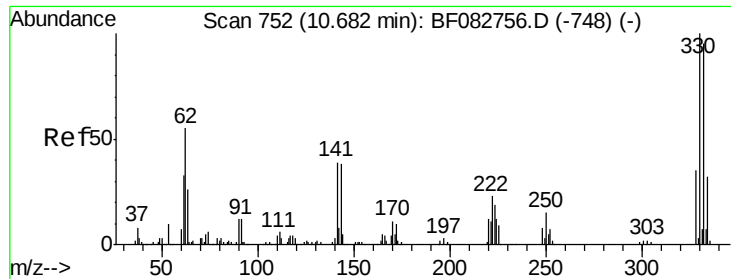
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Tgt Ion:164 Resp: 512794
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 45.8 37.5 56.3



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

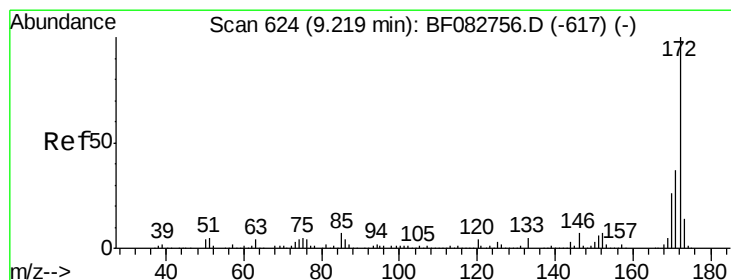
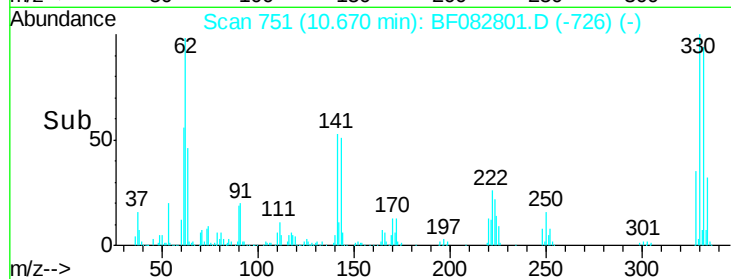
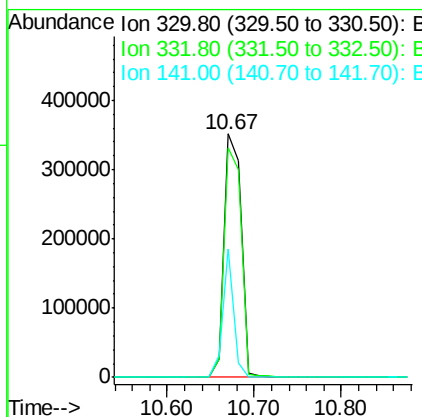
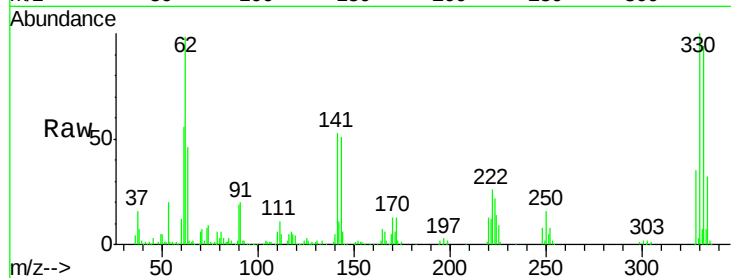




#41
 2,4,6-Tribromophenol
 Concen: 82.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

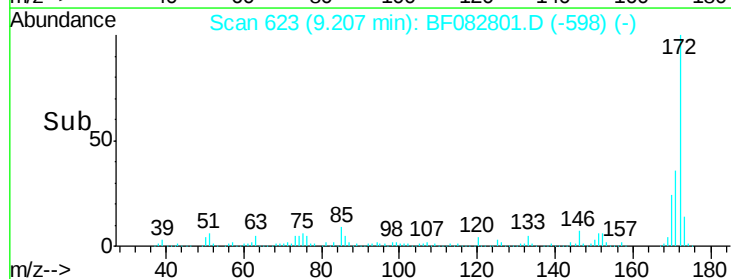
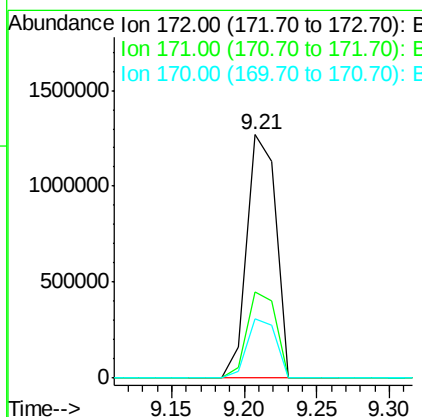
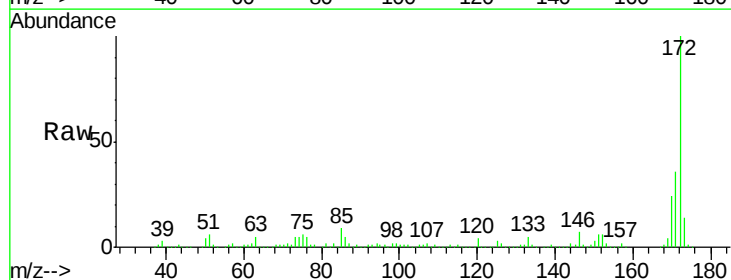
Instrument :
 BNA_F
 ClientSampleId :
 T-12C

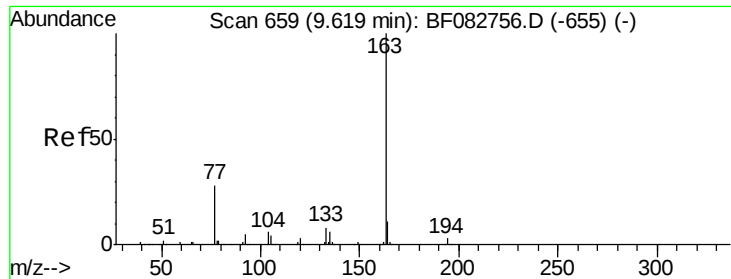
Tot Ion:330 Resp: 484125
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 49.27 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Tgt Ion:172 Resp: 1762896
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.8 46.2
 170 24.4 21.2 31.8

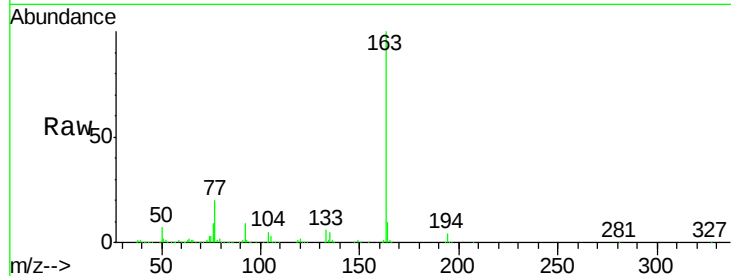




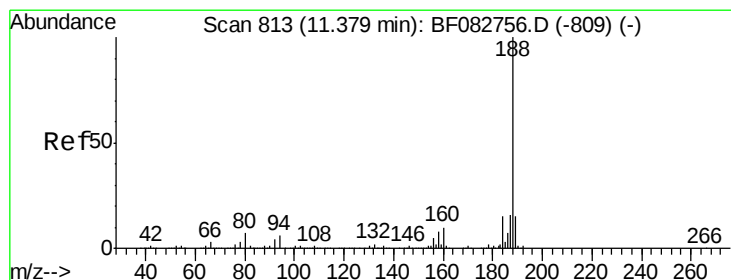
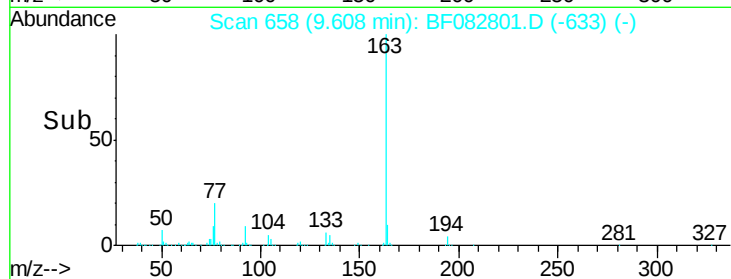
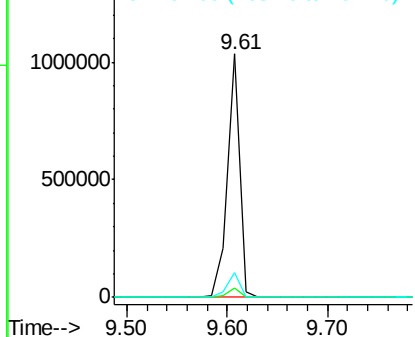
#49
Dimethylphthalate
Concen: 20.87 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

Instrument :
BNA_F
ClientSampleId :
T-12C

Tot Ion:163 Resp: 876780
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.7 13.1

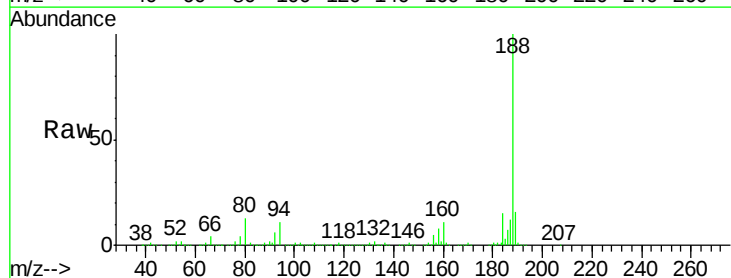


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

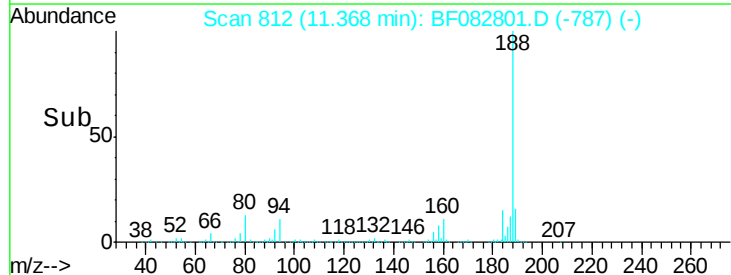
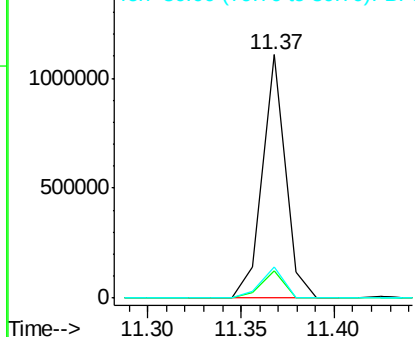


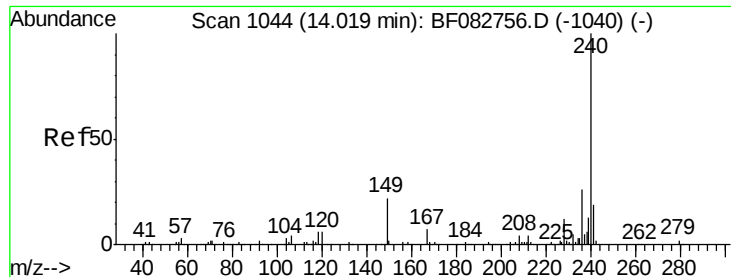
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

Tgt Ion:188 Resp: 939202
Ion Ratio Lower Upper
188 100
94 11.1 6.1 9.1#
80 12.6 7.0 10.6#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

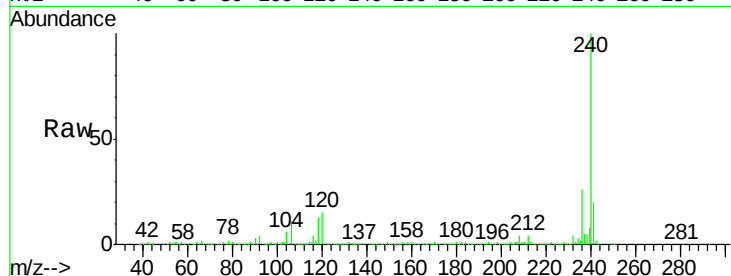
BNA_F

ClientSampleId :

T-12C

Tot Ion:240 Resp: 836418

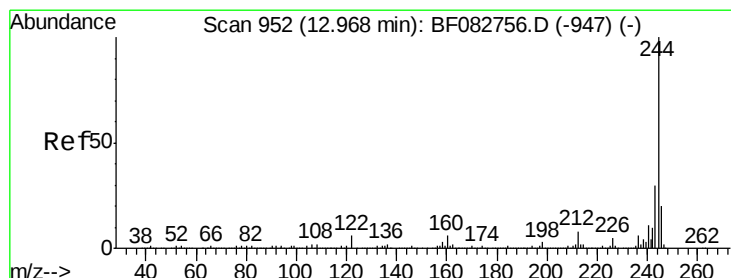
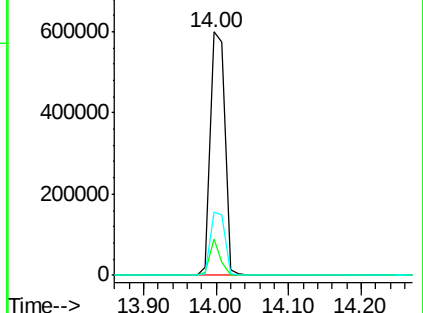
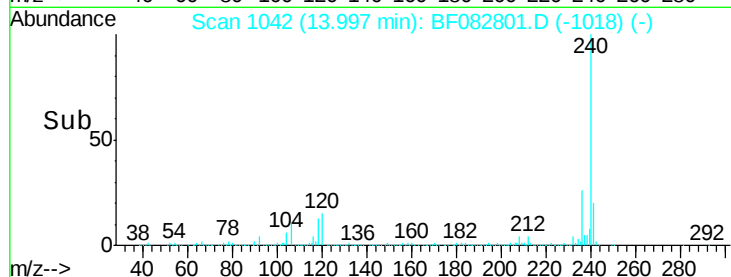
Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.9	16.3
236	25.8	21.6	32.4



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: 39.65 ng

RT: 12.96 min Scan# 951

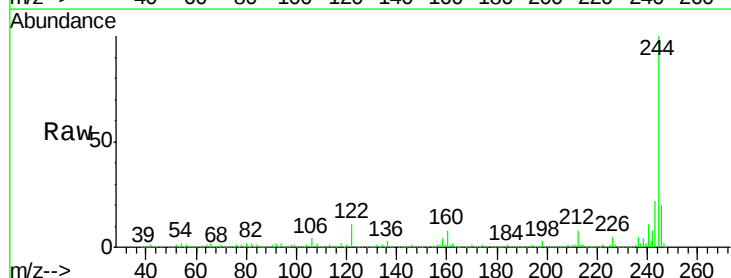
Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Tgt Ion:244 Resp: 1398091

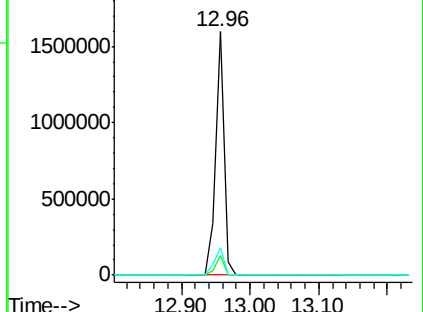
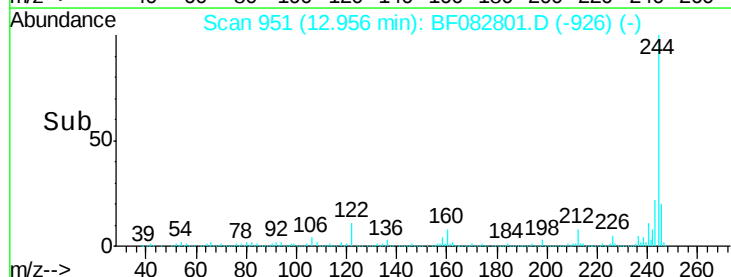
Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	11.1	11.3	16.9

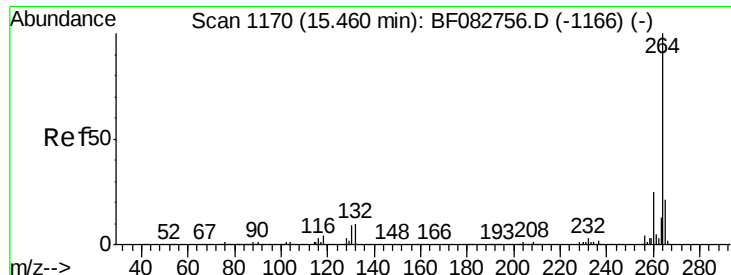


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

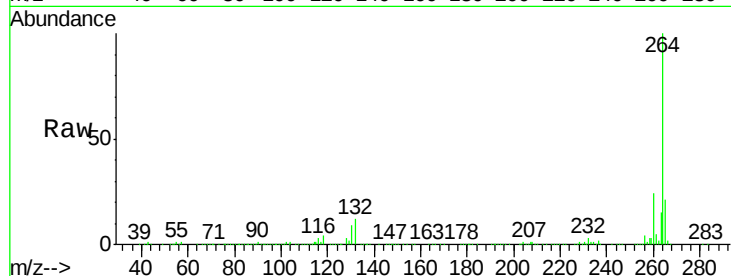




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 T-12C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.3	17.4	26.0



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

