

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081452.D
 Acq On : 5 Sep 2015 8:09
 Operator : UM/IZ
 Sample : G3558-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Quant Time: Sep 07 02:34:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

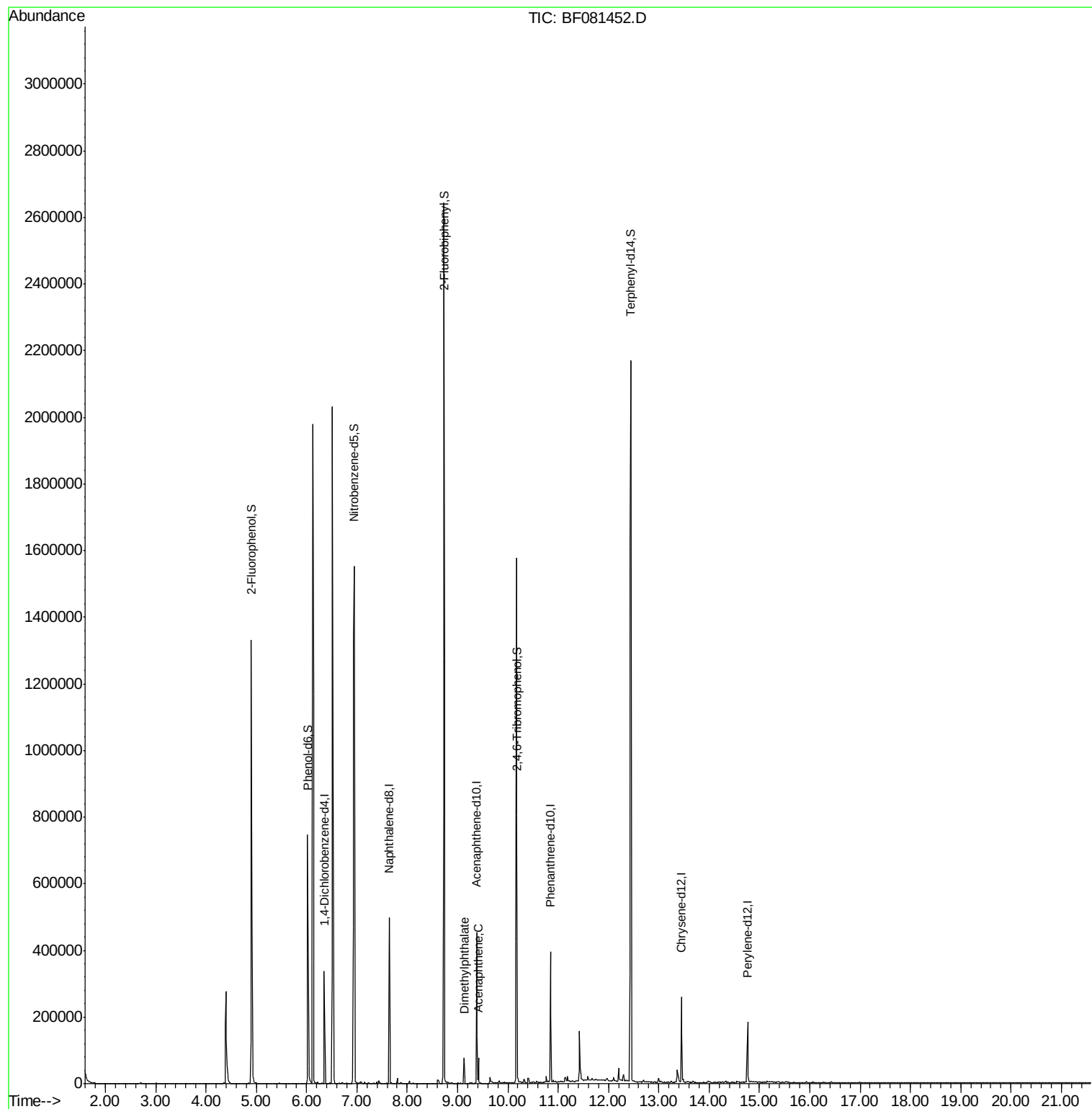
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53328	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	198324	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	89744	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	163722	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	109121	20.00	ng	-0.01
86) Perylene-d12	14.77	264	82178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	359472	104.58	ng	0.00
7) Phenol-d6	6.02	99	287056	63.09	ng	-0.01
23) Nitrobenzene-d5	6.95	82	778624	189.42	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	236742	296.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1126330	160.83	ng	0.00
78) Terphenyl-d14	12.44	244	937872	200.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.13	163	25525	3.66	ng	Qvalue # 98
51) Acenaphthene	9.42	154	15891	2.64	ng	88

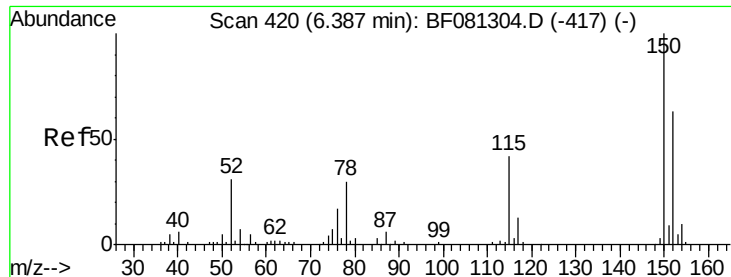
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

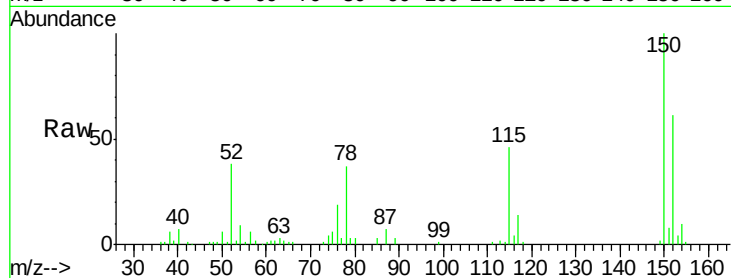
Tgt Ion:152 Resp: 53328

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

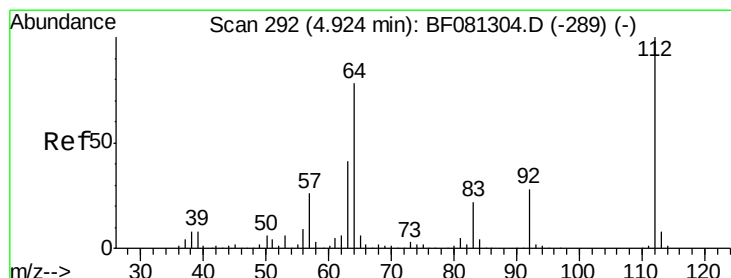
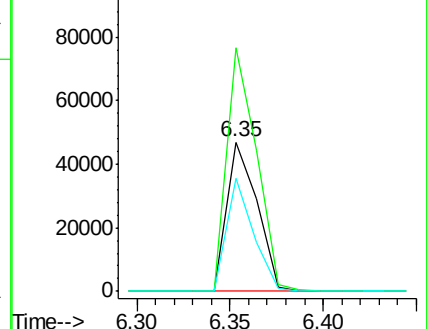
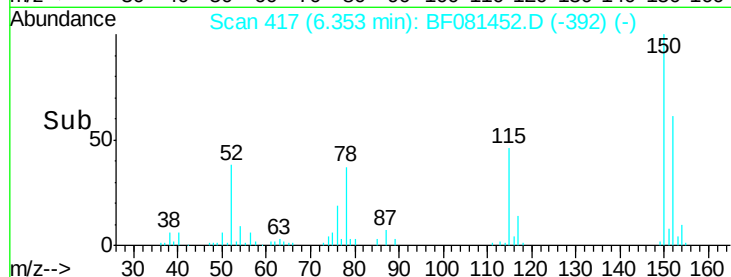
115 75.3 39.0 58.4#



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: 104.58 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

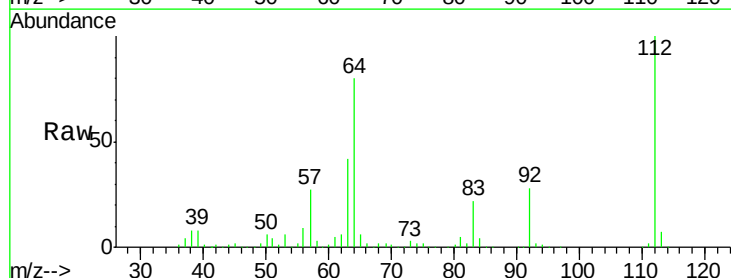
Tgt Ion:112 Resp: 359472

Ion Ratio Lower Upper

112 100

64 79.8 39.7 59.5#

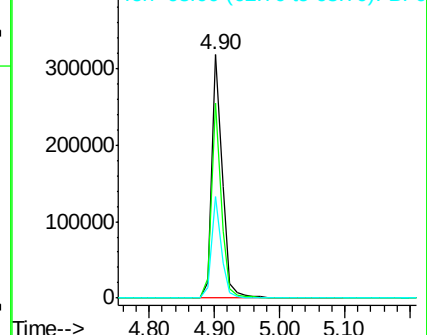
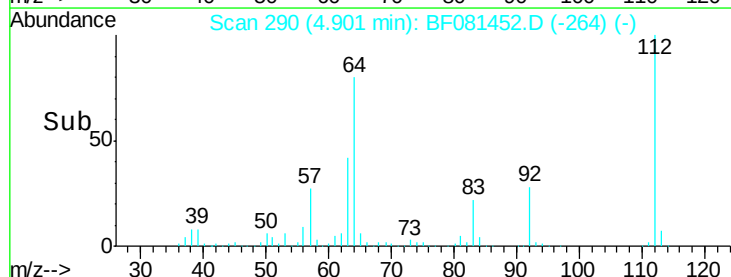
63 41.8 17.4 26.0#

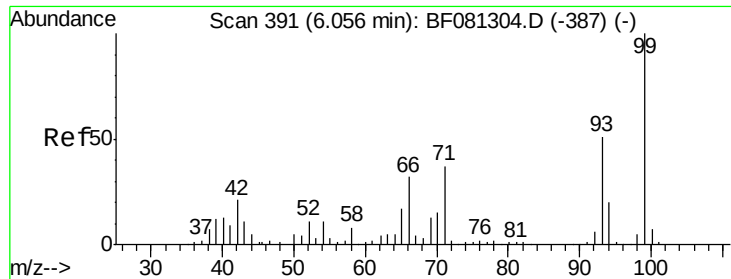


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.09 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

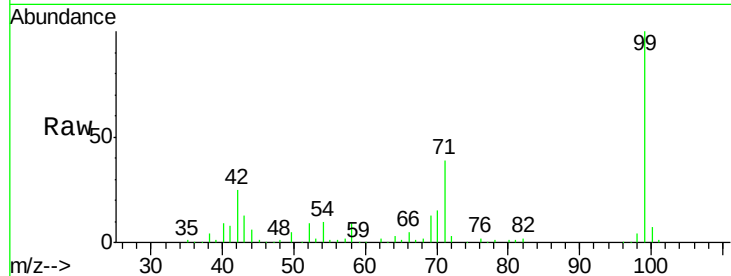
Tgt Ion: 99 Resp: 287056

Ion Ratio Lower Upper

99 100

42 25.0 13.7 20.5#

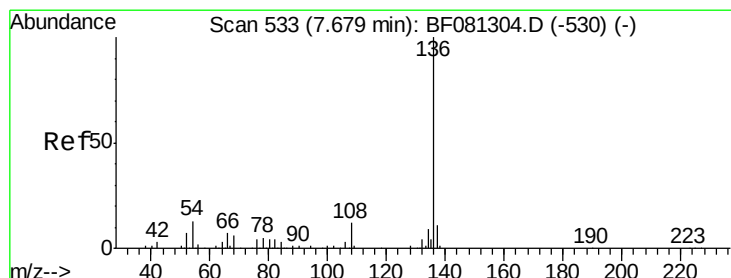
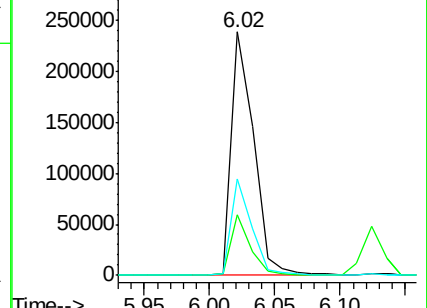
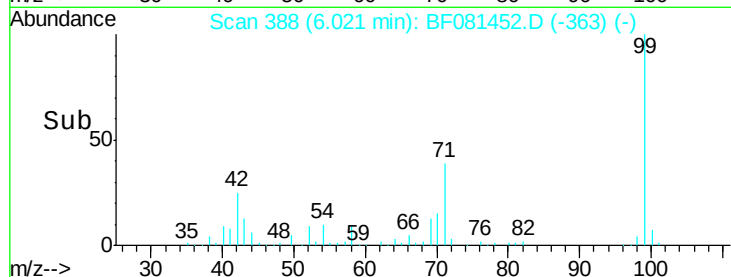
71 39.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Tgt Ion: 136 Resp: 198324

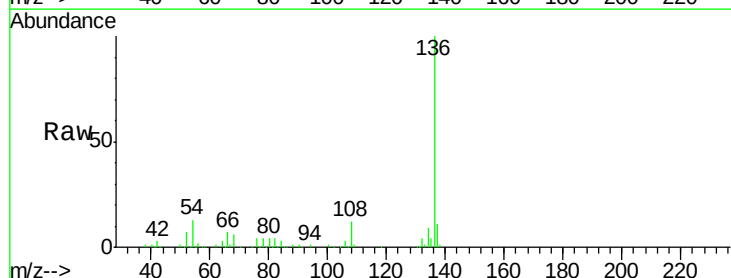
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.9 8.2 12.2#

68 5.8 5.8 8.6

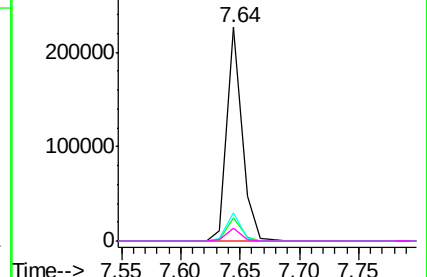
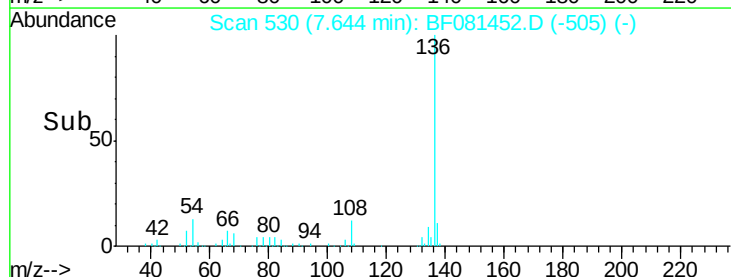


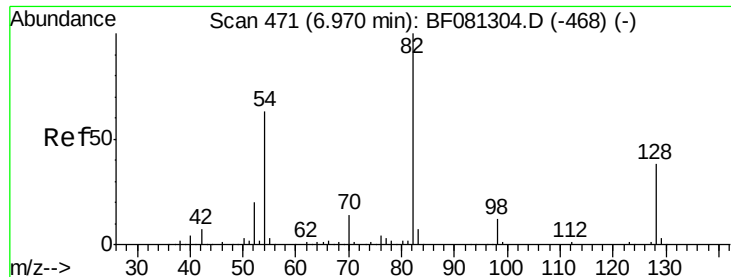
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

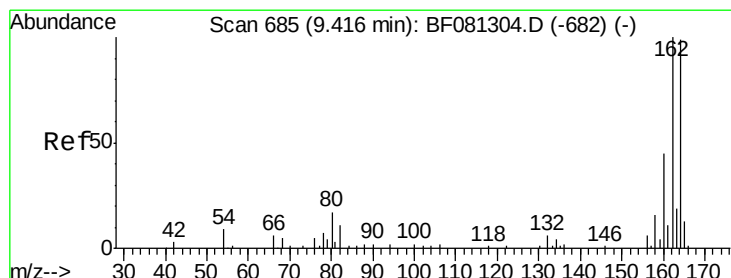
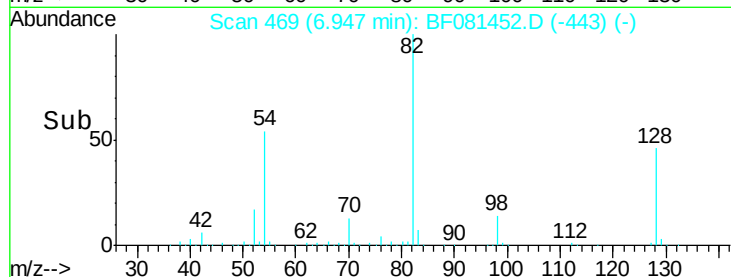
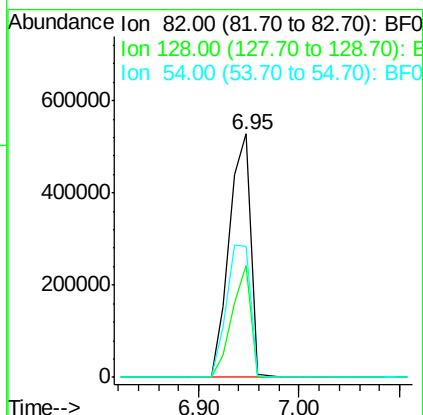
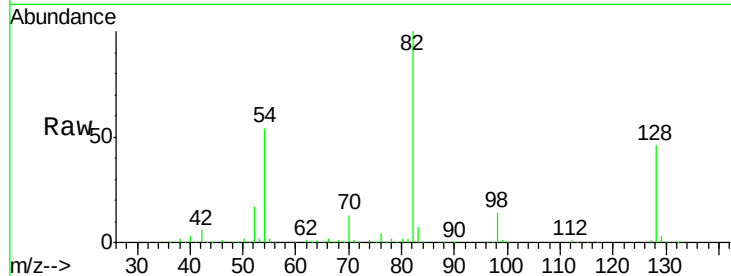




#23
 Nitrobenzene-d5
 Concen: 189.42 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

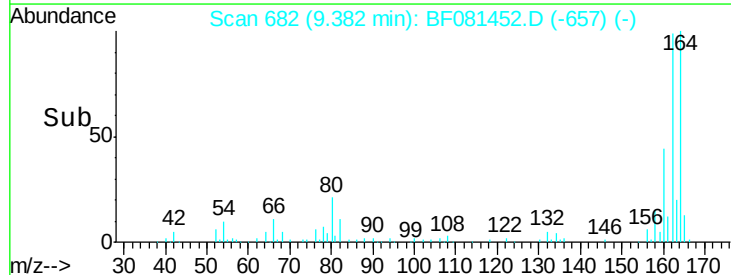
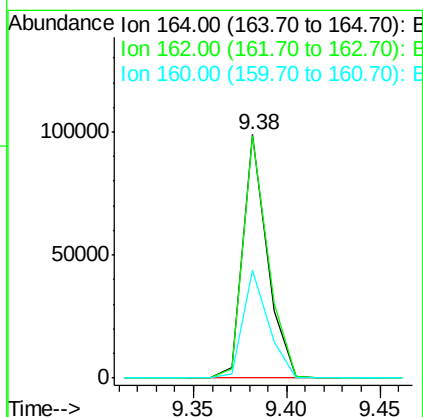
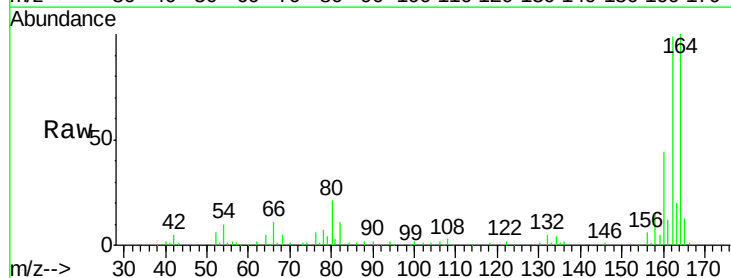
Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

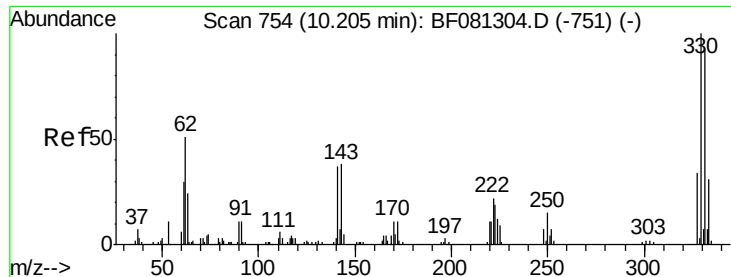
Tgt Ion: 82 Resp: 778624
 Ion Ratio Lower Upper
 82 100
 128 45.7 51.0 76.6#
 54 54.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion: 164 Resp: 89744
 Ion Ratio Lower Upper
 164 100
 162 99.4 75.2 112.8
 160 44.4 31.5 47.3

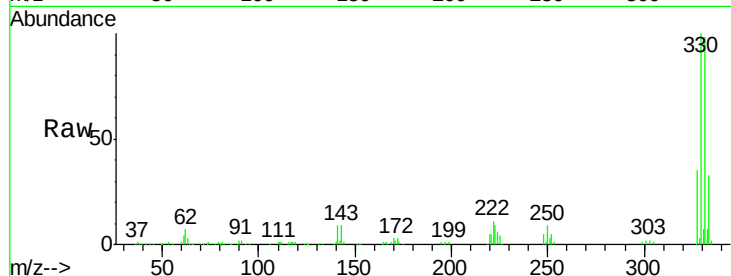




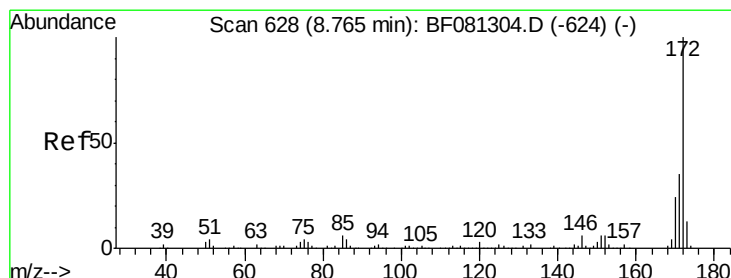
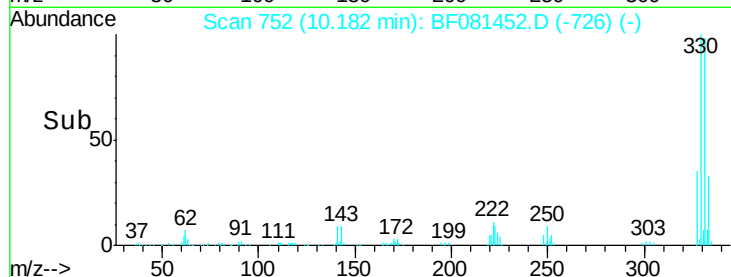
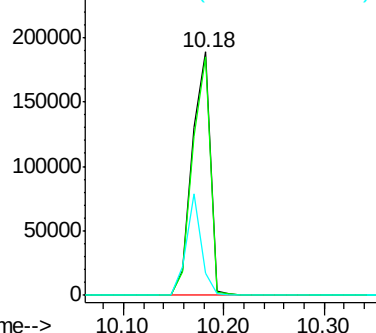
#41
 2,4,6-Tribromophenol
 Concen: 296.27 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.2	29.7	44.5

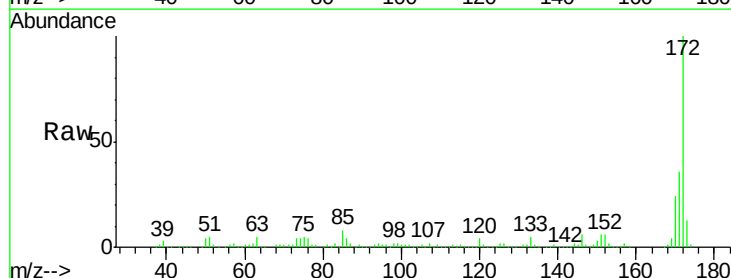


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

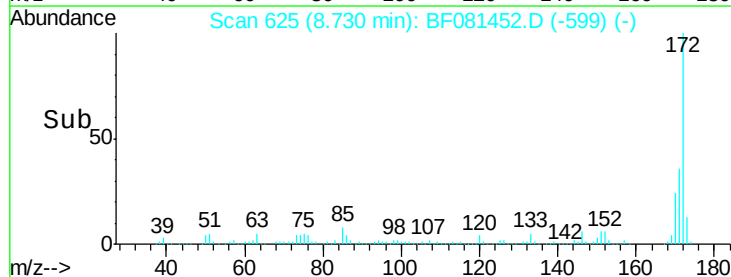
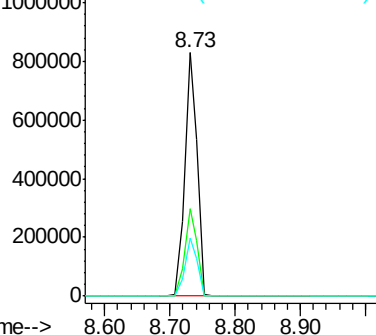


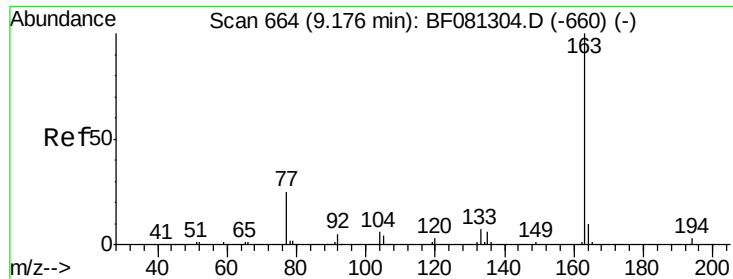
#44
 2-Fluorobiphenyl
 Concen: 160.83 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	23.8	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





#49

Dimethylphthalate

Concen: 3.66 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

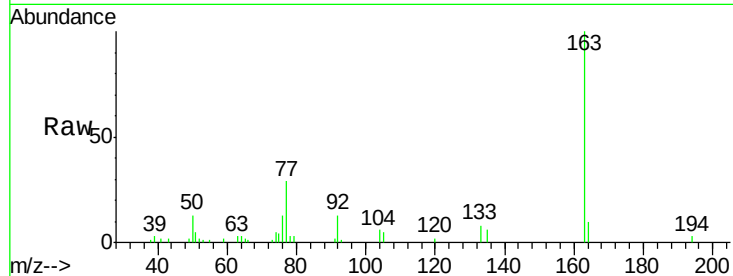
Tgt Ion:163 Resp: 25525

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

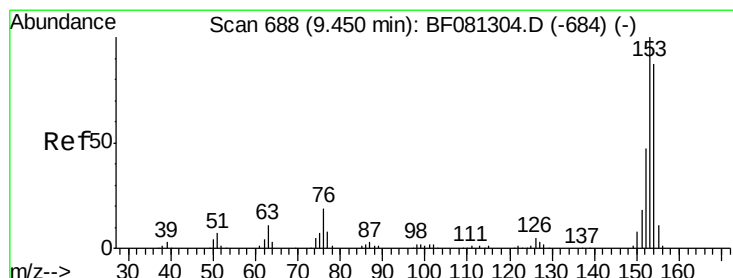
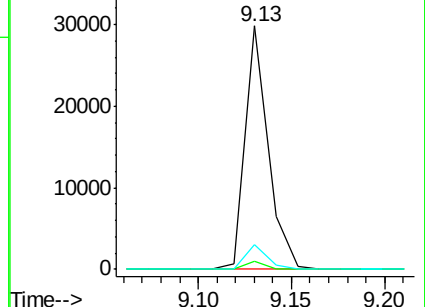
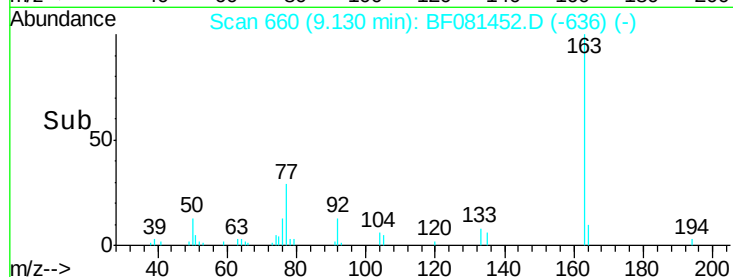
164 10.3 8.3 12.5



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



#51

Acenaphthene

Concen: 2.64 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

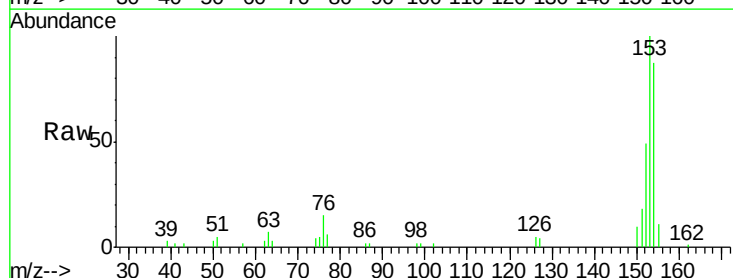
Tgt Ion:154 Resp: 15891

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

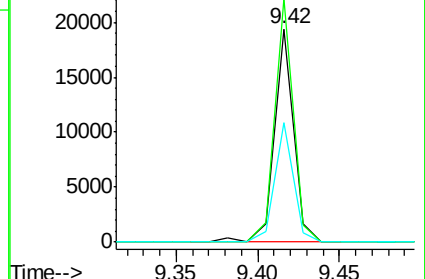
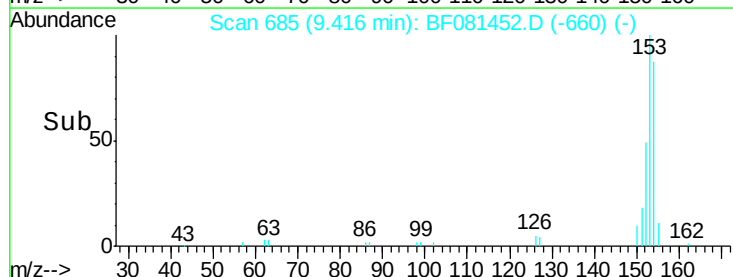
152 55.9 37.9 56.9

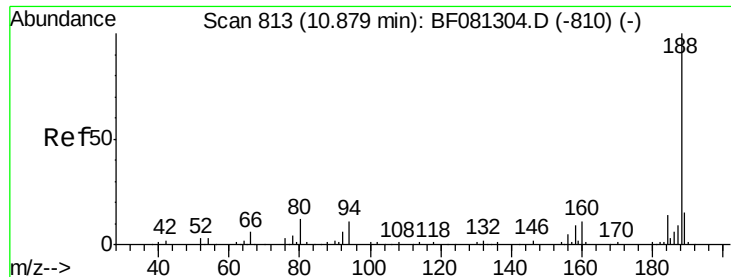


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

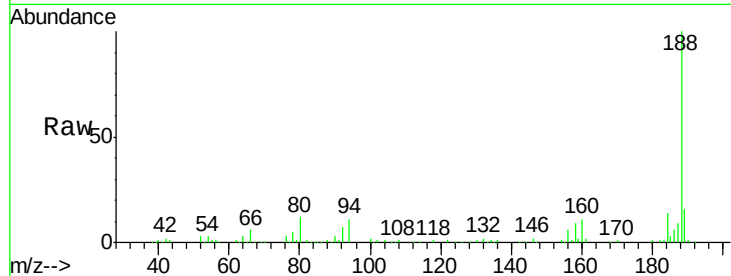




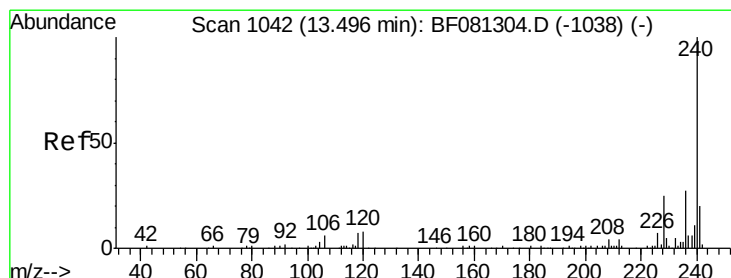
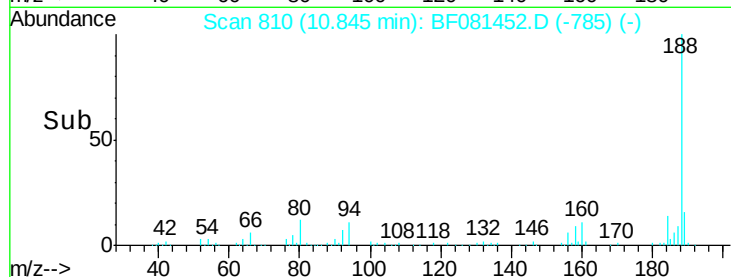
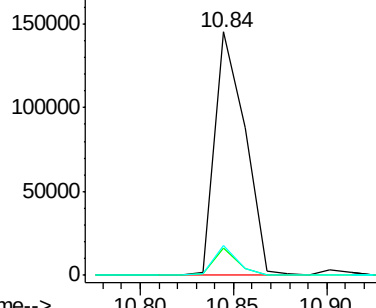
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SB-2WS

Tgt Ion:188 Resp: 163722
Ion Ratio Lower Upper
188 100
94 11.4 11.1 16.7
80 12.5 11.0 16.4

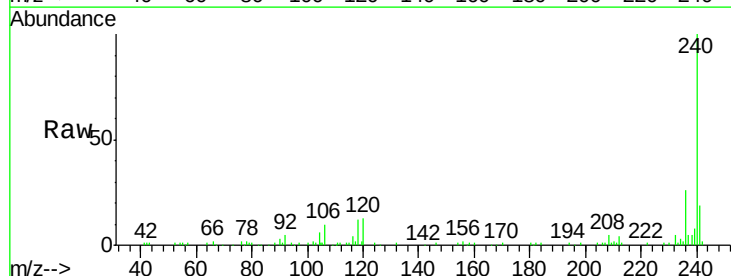


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

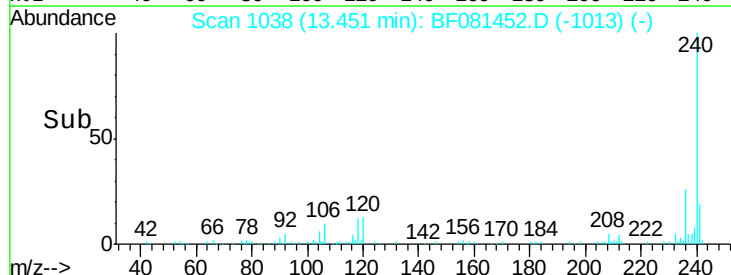
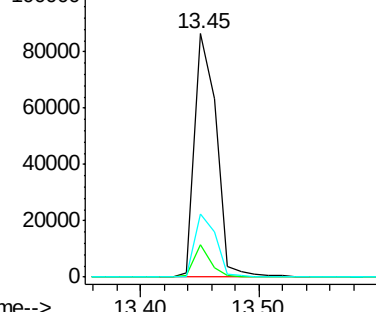


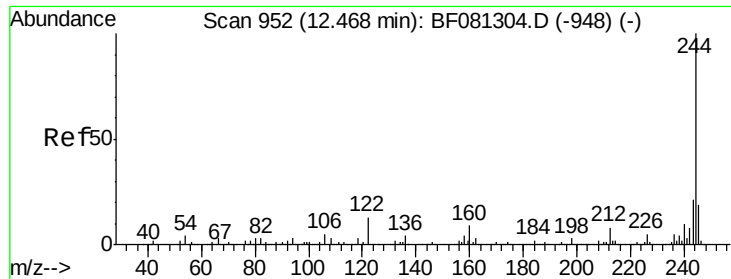
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Tgt Ion:240 Resp: 109121
Ion Ratio Lower Upper
240 100
120 13.1 16.2 24.2#
236 25.8 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

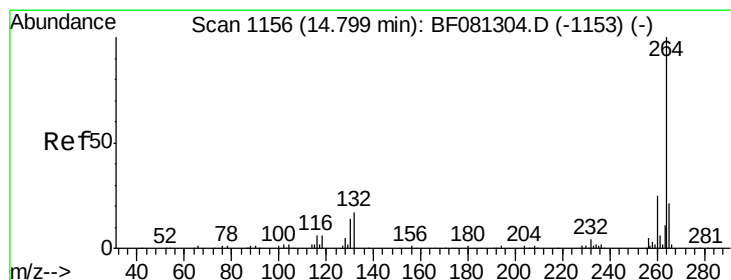
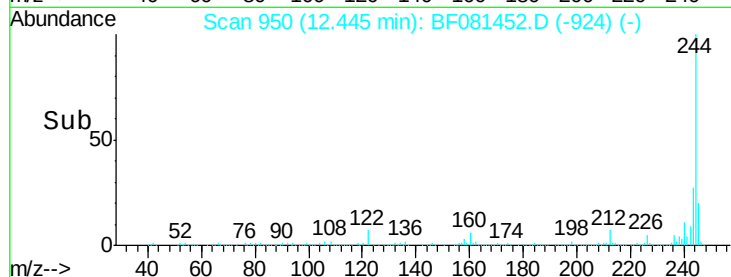
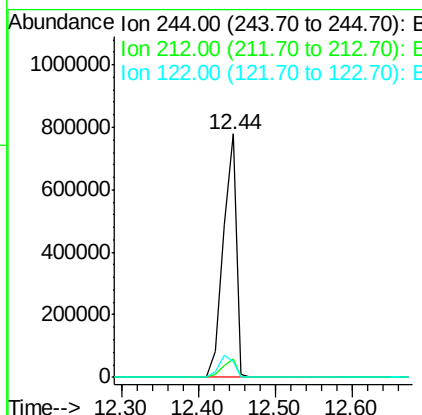
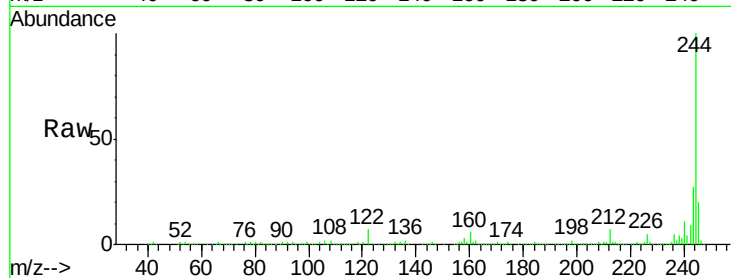




#78
 Terphenyl-d14
 Concen: 200.07 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tgt Ion:244 Resp: 937872
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 6.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion:264 Resp: 82178
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.9 17.2 25.8

