

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081697.D
 Acq On : 18 Sep 2015 14:57
 Operator : UM/IZ
 Sample : G3704-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-9-15-15

Quant Time: Sep 19 00:27:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43001	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	166684	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	81214	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	167810	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	140200	20.00	ng	-0.04
86) Perylene-d12	24.78	264	94530	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	132625	47.85	ng	-0.04
7) Phenol-d6	7.58	99	111765	30.47	ng	-0.07
23) Nitrobenzene-d5	9.46	82	346340	100.25	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	108655	150.26	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	613303	96.77	ng	-0.06
78) Terphenyl-d14	22.07	244	601413	99.86	ng	-0.04

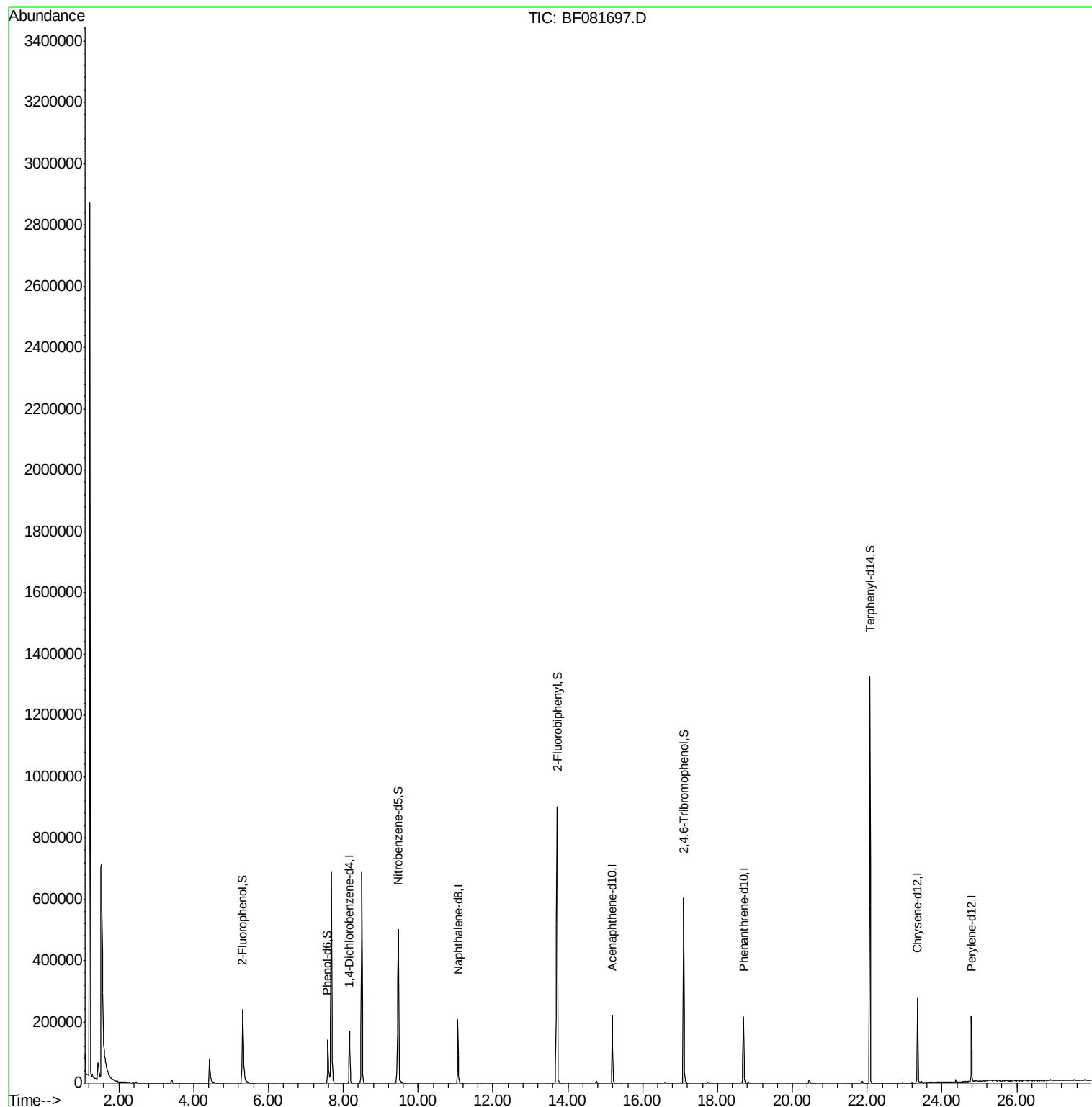
Target Compounds	Qvalue
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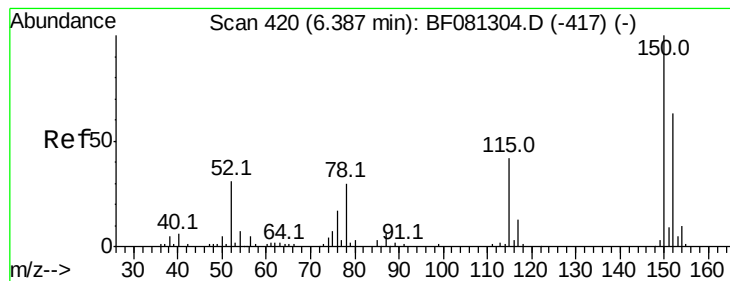
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

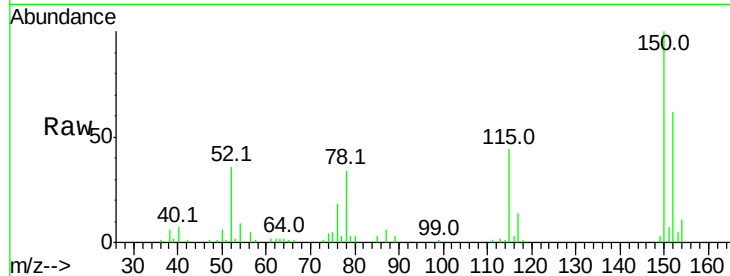
Tgt Ion:152 Resp: 43001

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

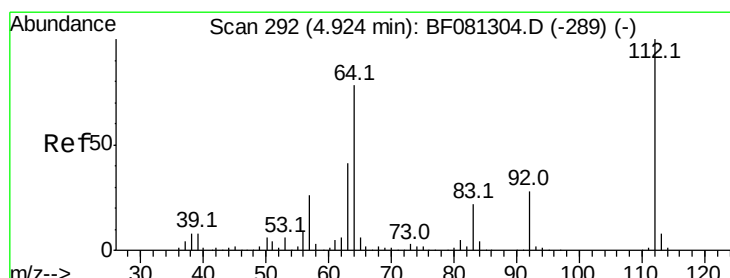
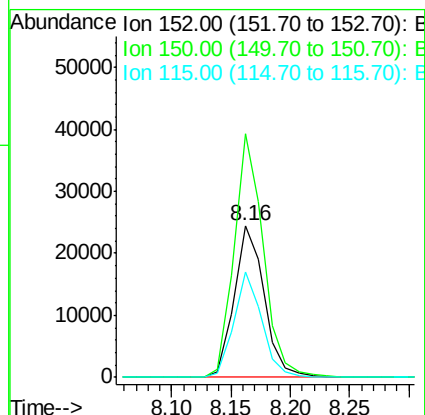
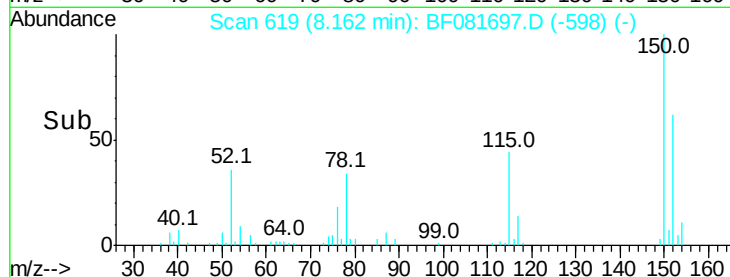
115 69.9 39.0 58.4#



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: 47.85 ng

RT: 5.30 min Scan# 369

Delta R.T. -0.04 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

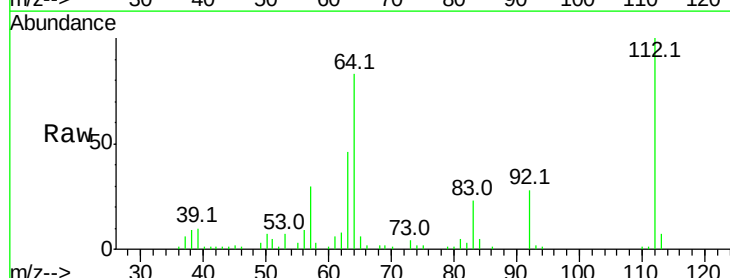
Tgt Ion:112 Resp: 132625

Ion Ratio Lower Upper

112 100

64 83.2 39.7 59.5#

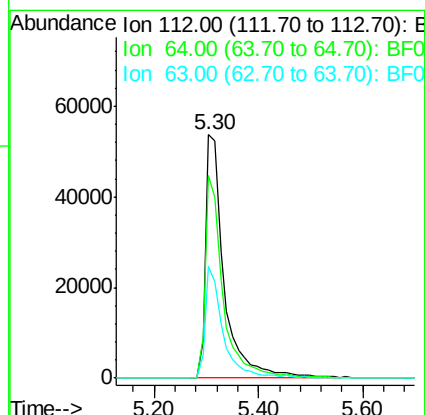
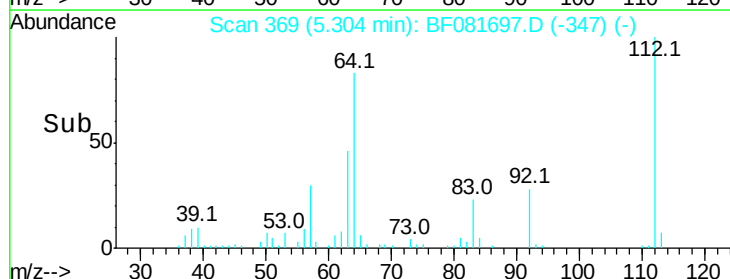
63 45.7 17.4 26.0#

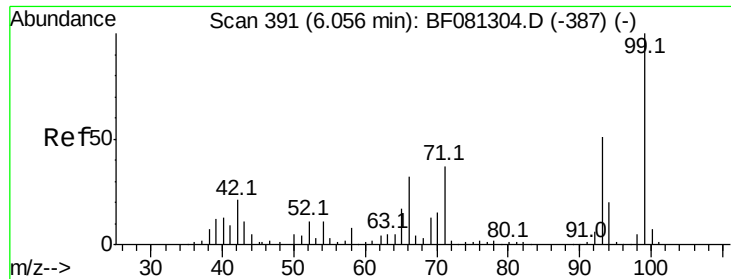


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.47 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

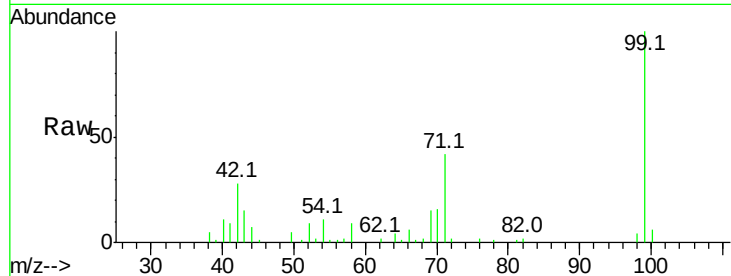
Tgt Ion: 99 Resp: 111765

Ion Ratio Lower Upper

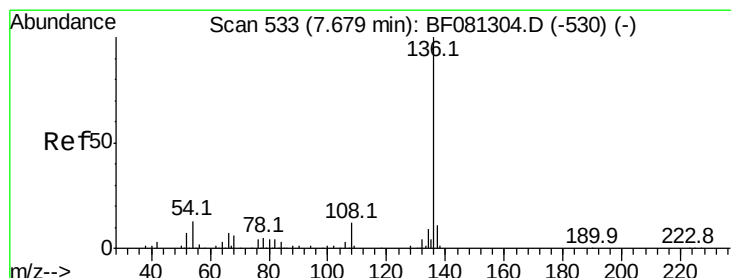
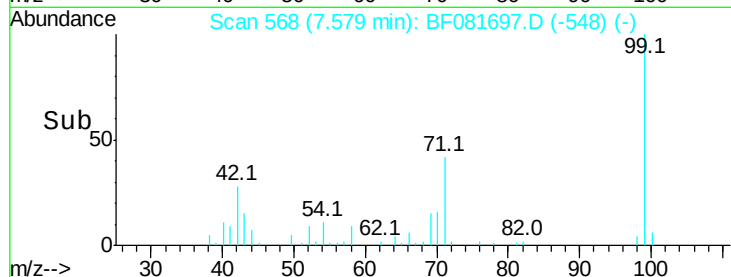
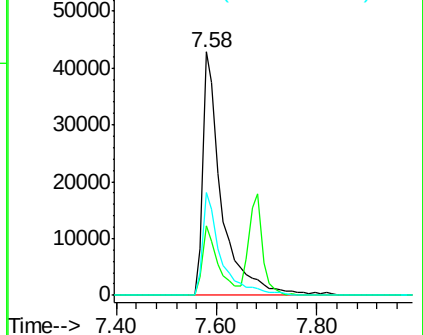
99 100

42 28.3 13.7 20.5#

71 42.5 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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Tgt Ion: 136 Resp: 166684

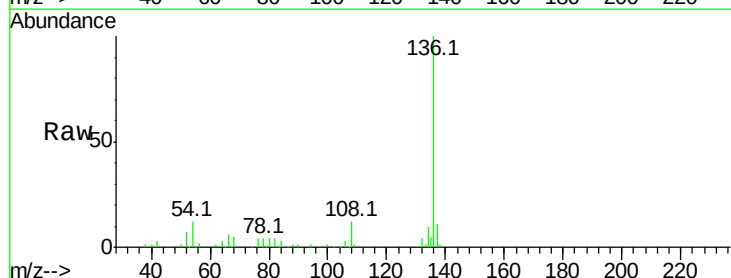
Ion Ratio Lower Upper

136 100

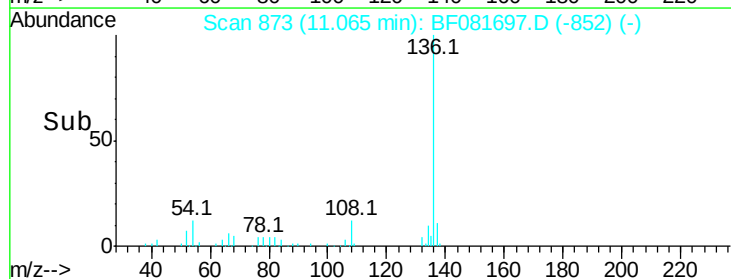
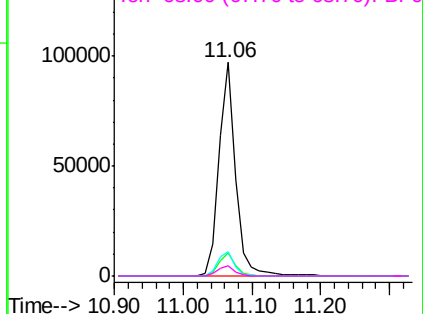
137 10.9 9.0 13.6

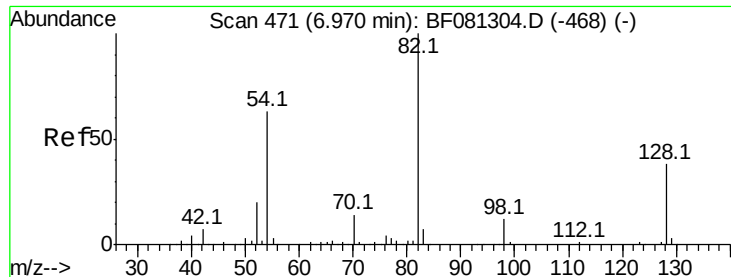
54 11.7 8.2 12.2

68 5.1 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: 100.25 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

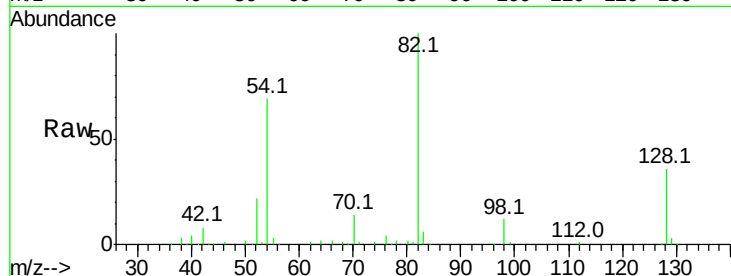
Tgt Ion: 82 Resp: 346340

Ion Ratio Lower Upper

82 100

128 35.9 51.0 76.6#

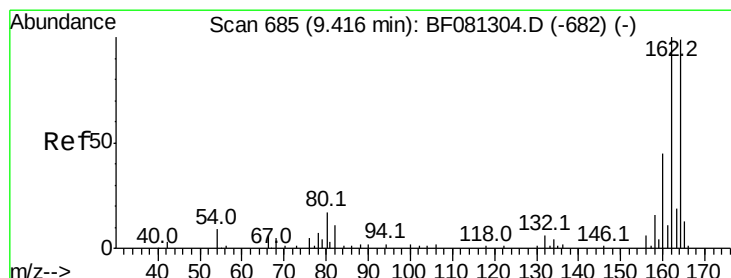
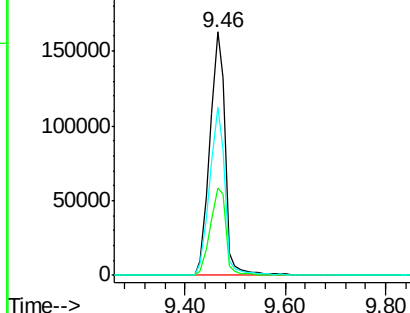
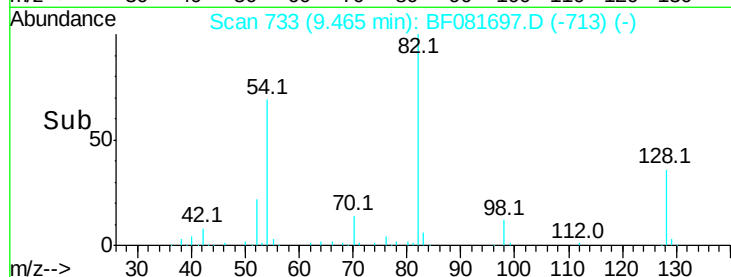
54 69.3 47.5 71.3



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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

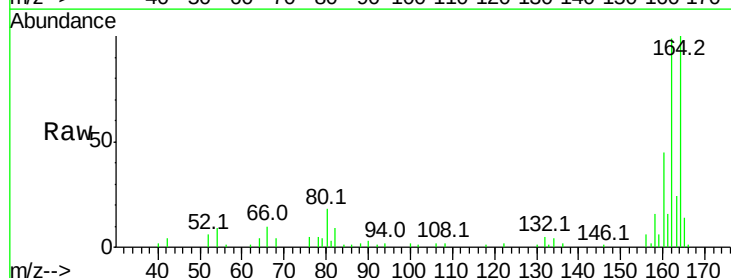
Tgt Ion: 164 Resp: 81214

Ion Ratio Lower Upper

164 100

162 98.8 75.2 112.8

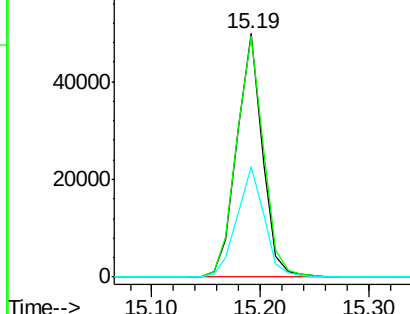
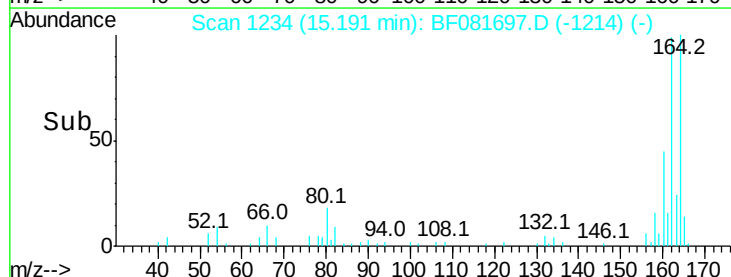
160 45.4 31.5 47.3

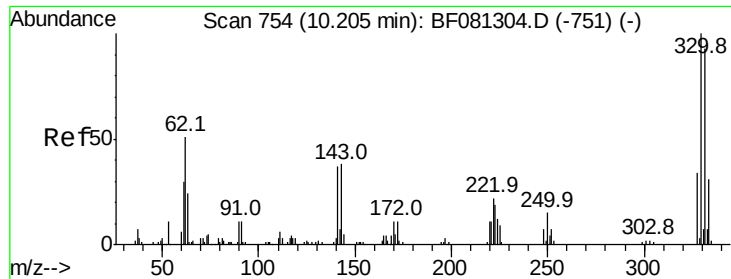


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

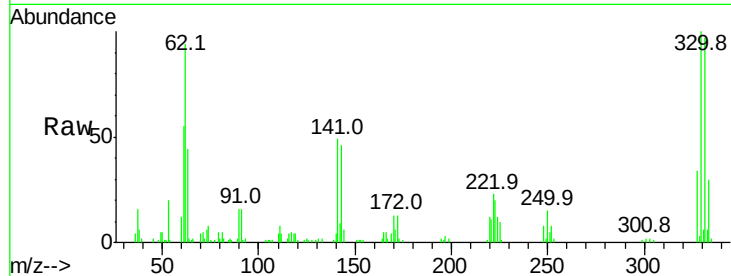




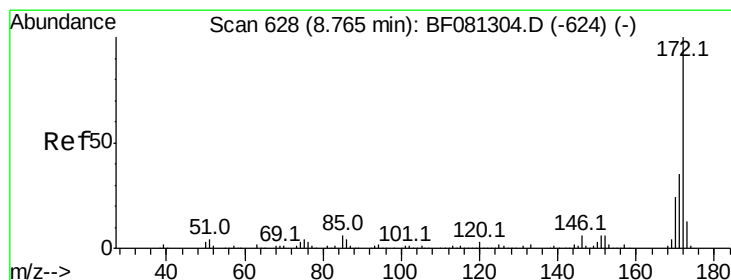
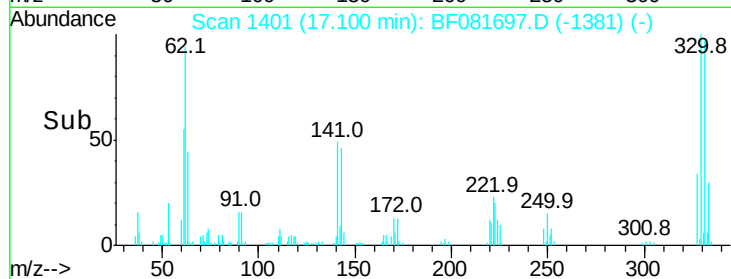
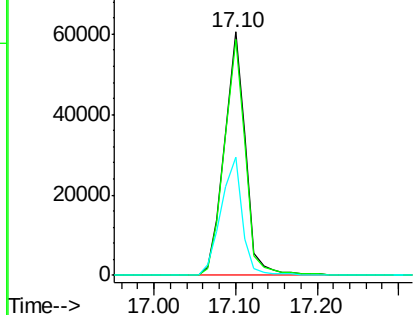
#41
 2,4,6-Tribromophenol
 Concen: 150.26 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081697.D
 Acq: 18 Sep 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-9-15-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	49.1	29.7	44.5

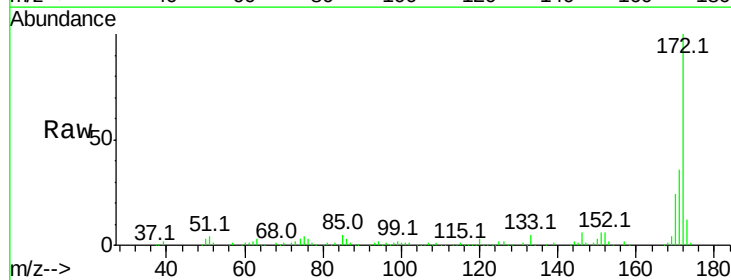


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

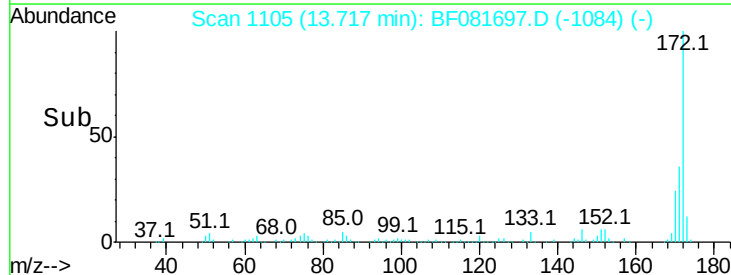
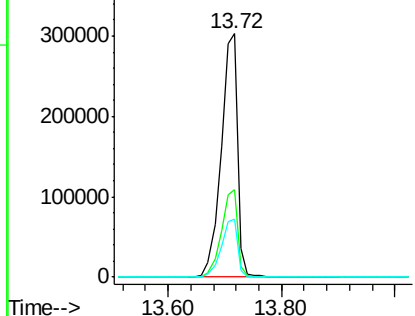


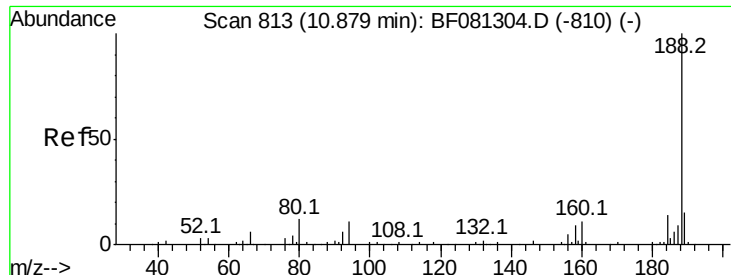
#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081697.D
 Acq: 18 Sep 2015 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

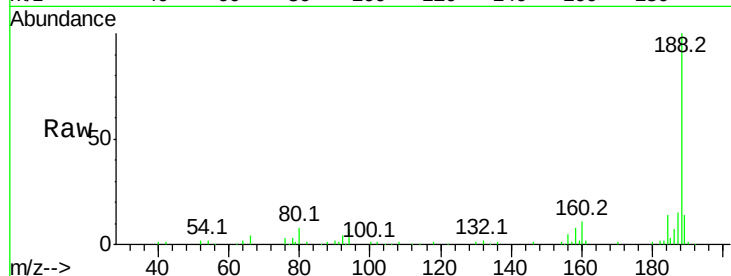




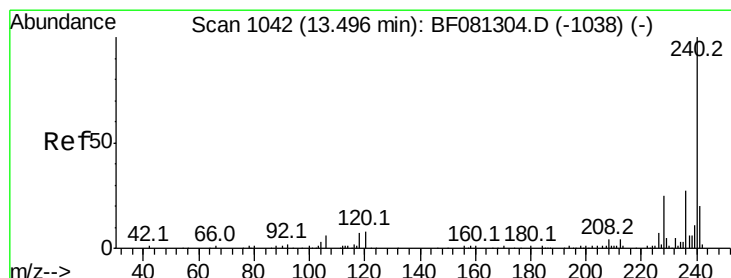
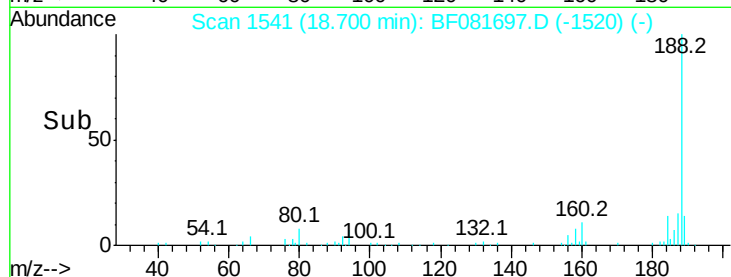
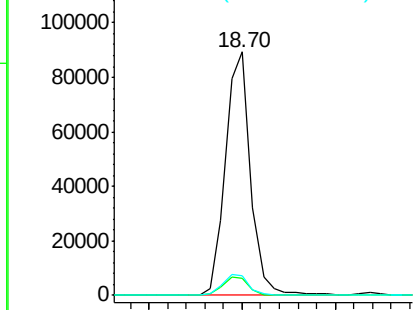
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:188 Resp: 167810
Ion Ratio Lower Upper
188 100
94 7.0 11.1 16.7#
80 8.2 11.0 16.4#

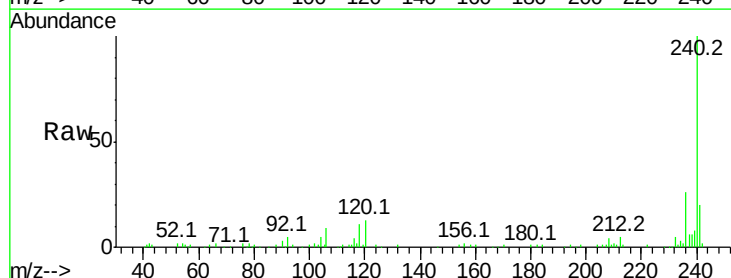


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

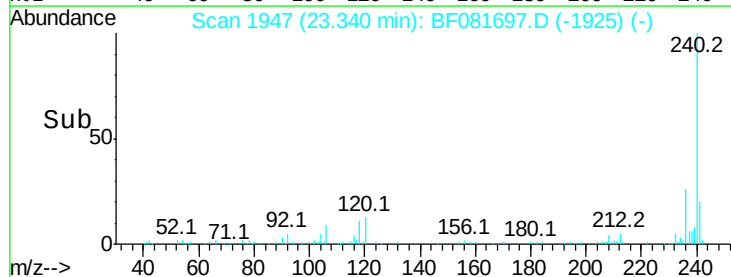
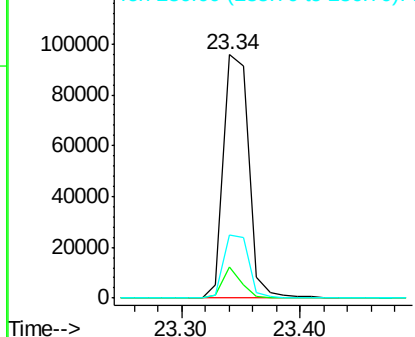


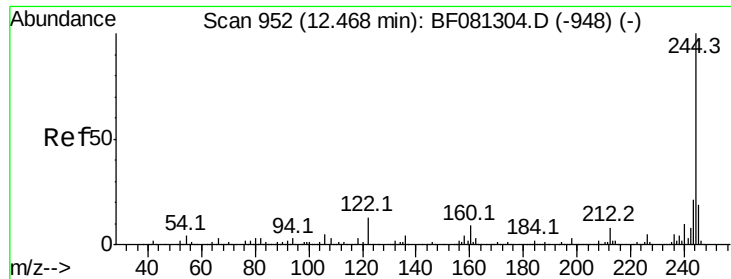
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion:240 Resp: 140200
Ion Ratio Lower Upper
240 100
120 12.9 16.2 24.2#
236 25.7 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: 99.86 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

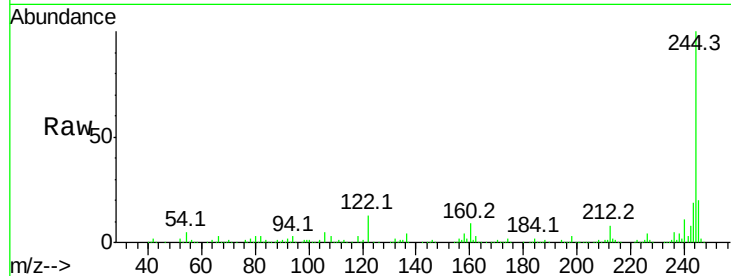
Tgt Ion:244 Resp: 601413

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

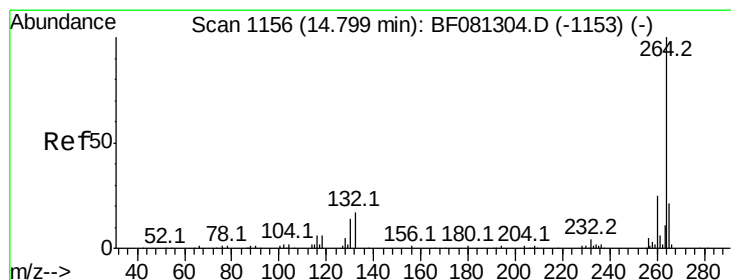
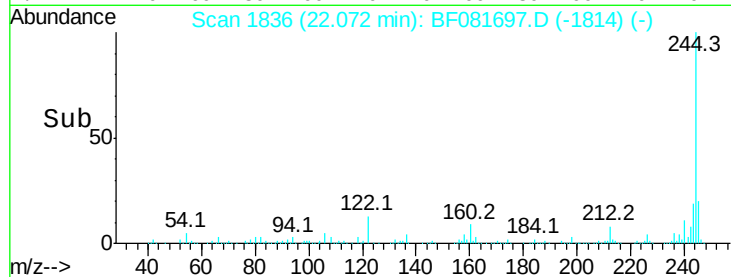
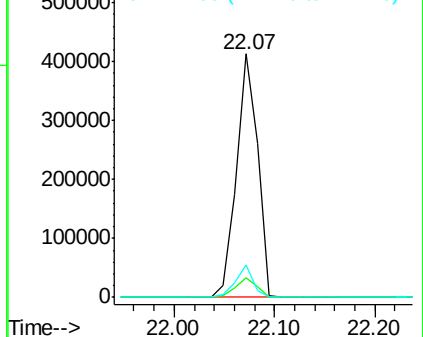
122 13.1 17.4 26.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

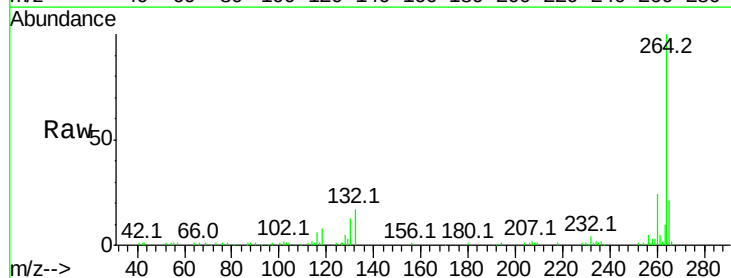
Tgt Ion:264 Resp: 94530

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 20.8 17.2 25.8



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

