

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087505.D
 Acq On : 29 May 2016 6:01
 Operator : UM/SJ
 Sample : H3272-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Quant Time: May 30 04:29:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

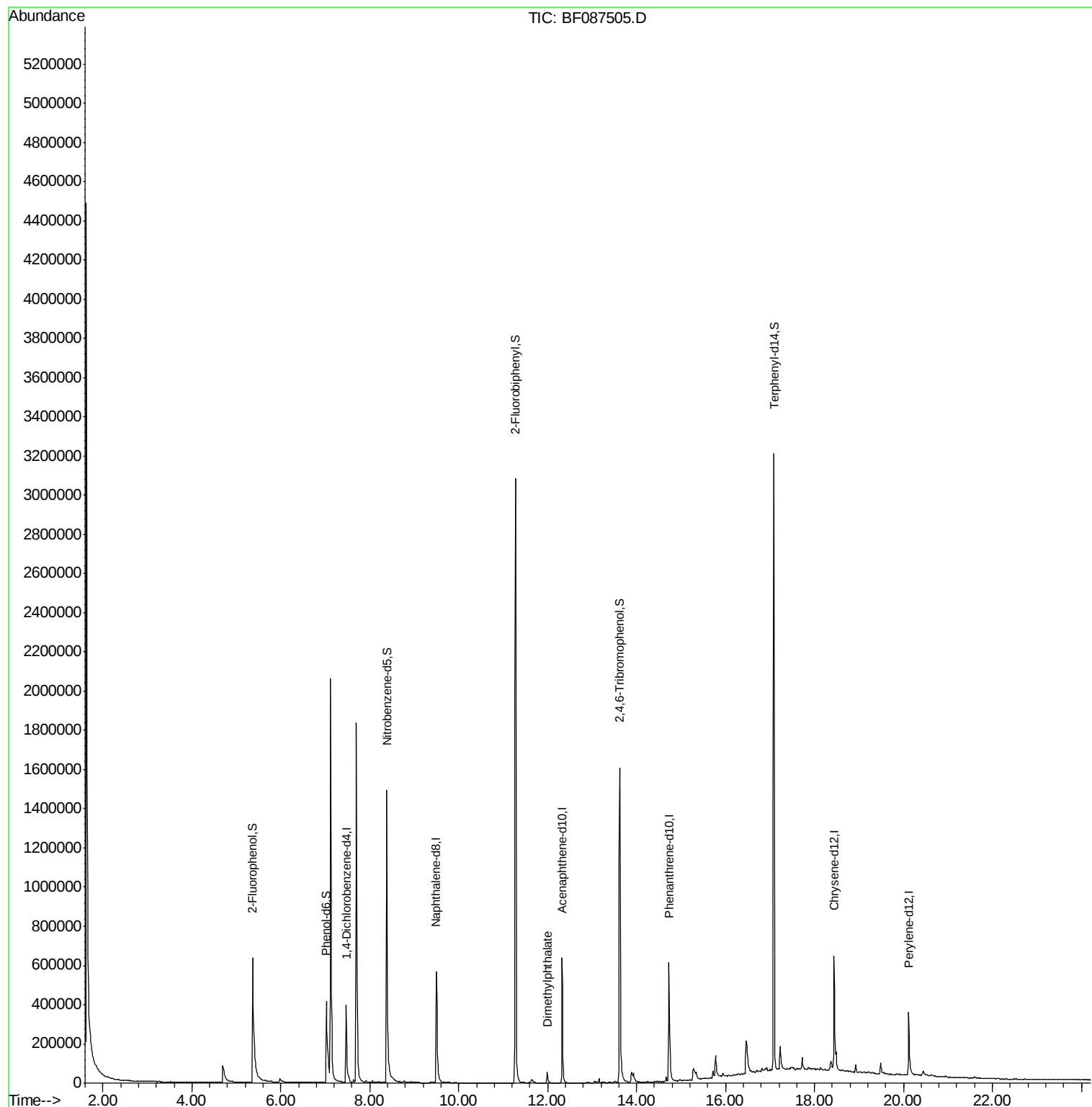
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	106355	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	428787	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	196944	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	368281	20.00	ng	0.00
75) Chrysene-d12	18.43	240	274936	20.00	ng	0.00
86) Perylene-d12	20.11	264	193227	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	362945	59.96	ng	0.01
7) Phenol-d6	7.03	99	294183	35.97	ng	-0.01
23) Nitrobenzene-d5	8.39	82	761399	89.49	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	265449	140.26	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1277958	91.48	ng	-0.01
78) Terphenyl-d14	17.09	244	1094336	84.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.99	163	50298	3.19	ng	Qvalue 99

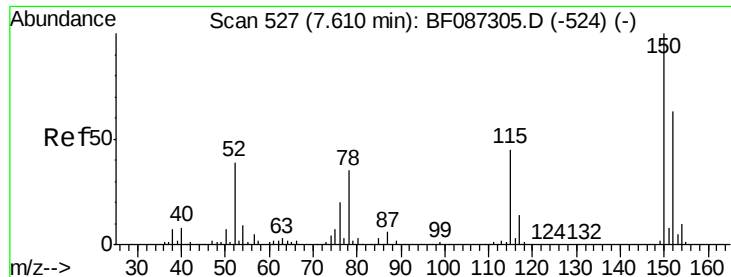
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

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ClientSampleId :

MW-11A

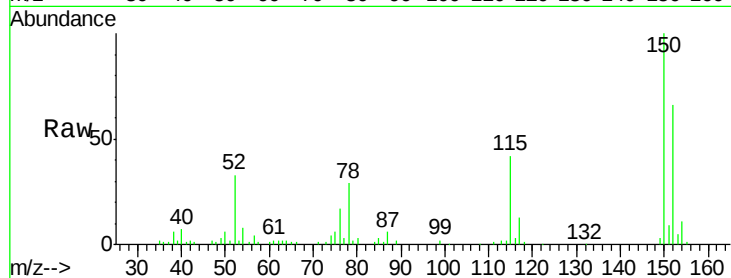
Tgt Ion:152 Resp: 106355

Ion Ratio Lower Upper

152 100

150 151.6 125.8 188.6

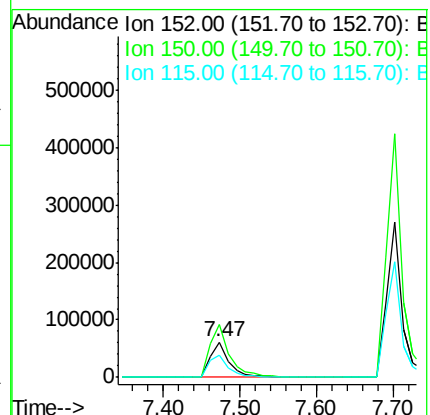
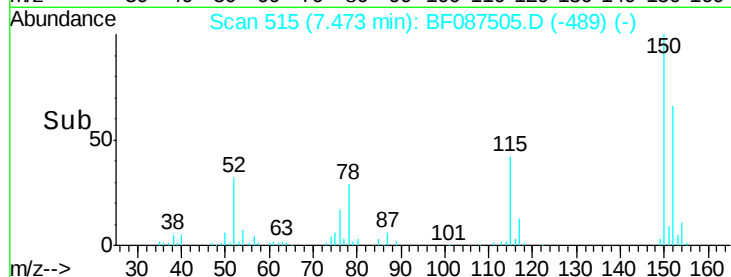
115 64.0 51.5 77.3



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: 59.96 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

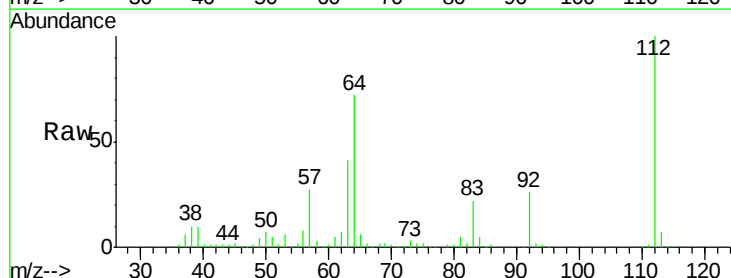
Tgt Ion:112 Resp: 362945

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

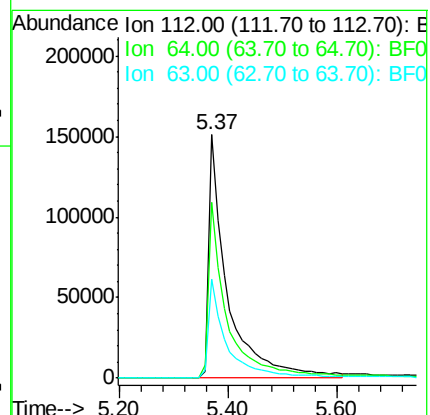
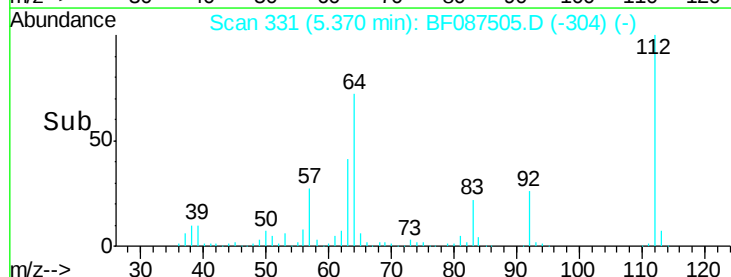
63 40.5 25.7 38.5#



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: 35.97 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

BNA_F

ClientSampleId :

MW-11A

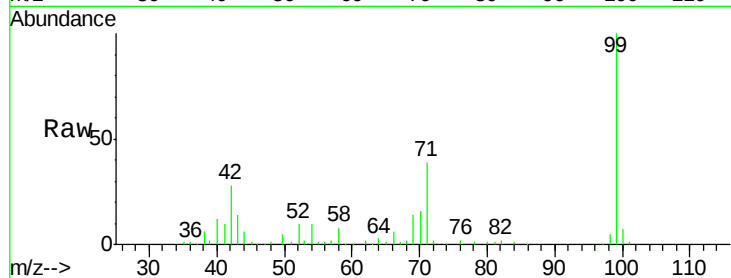
Tgt Ion: 99 Resp: 294183

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

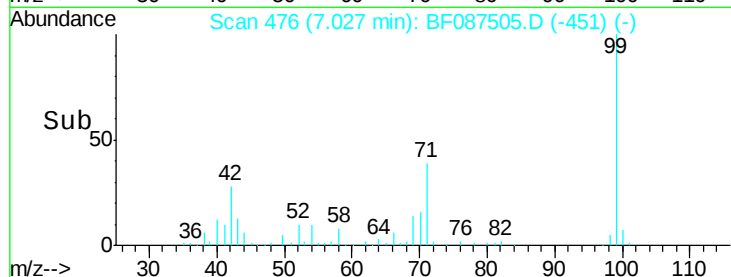
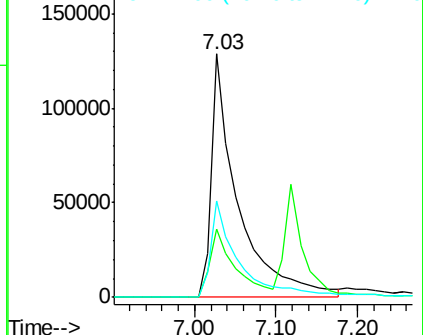
71 39.4 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Tgt Ion: 136 Resp: 428787

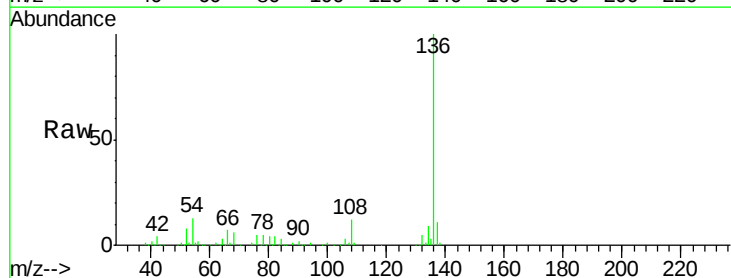
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.5 5.0 7.4#

68 5.9 4.4 6.6

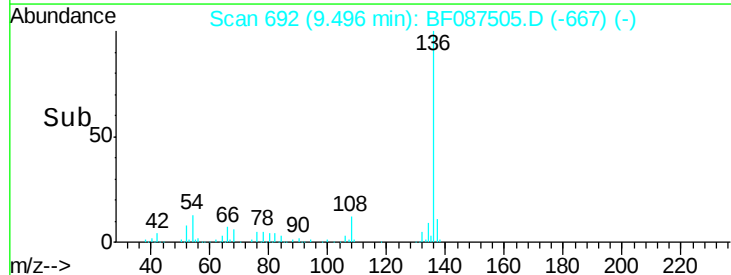
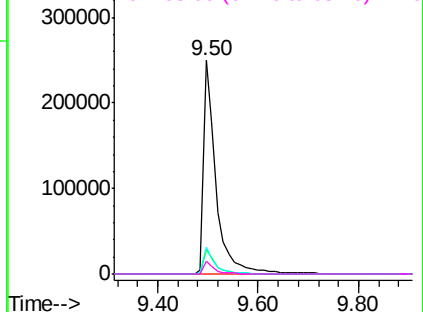


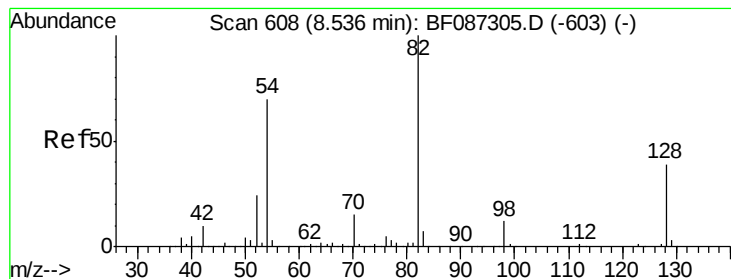
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.49 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

BNA_F

ClientSampleId :

MW-11A

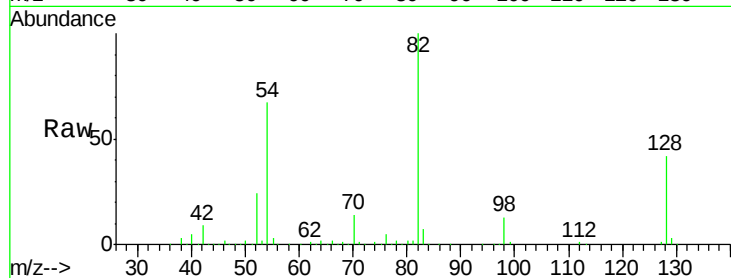
Tgt Ion: 82 Resp: 761399

Ion Ratio Lower Upper

82 100

128 41.6 40.6 61.0

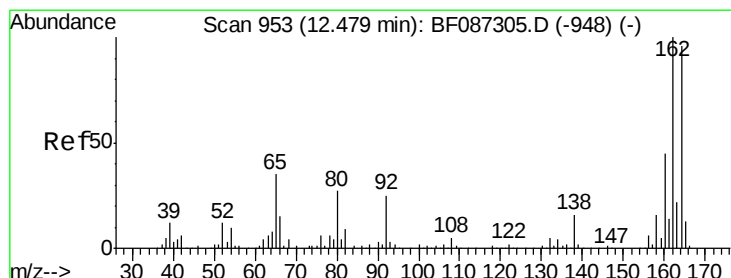
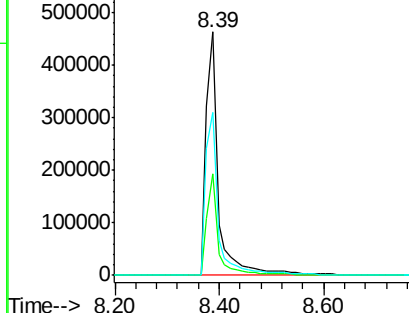
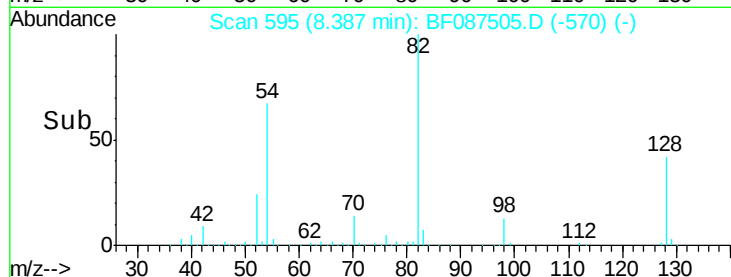
54 67.2 38.1 57.1#



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: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

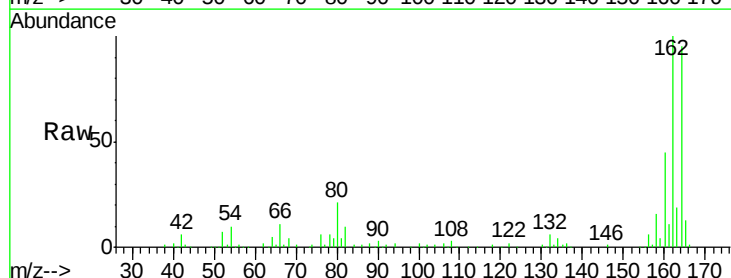
Tgt Ion: 164 Resp: 196944

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

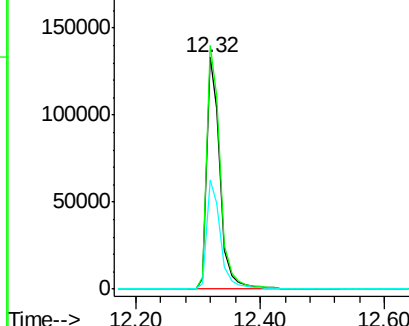
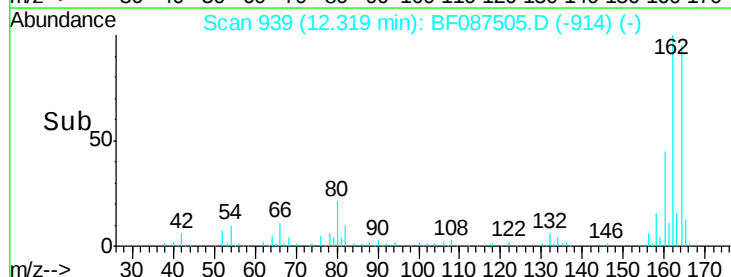
160 47.1 36.9 55.3

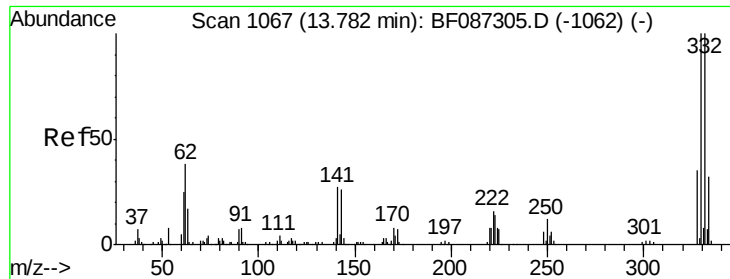


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

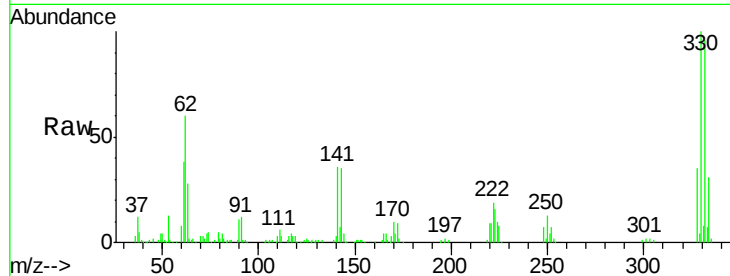




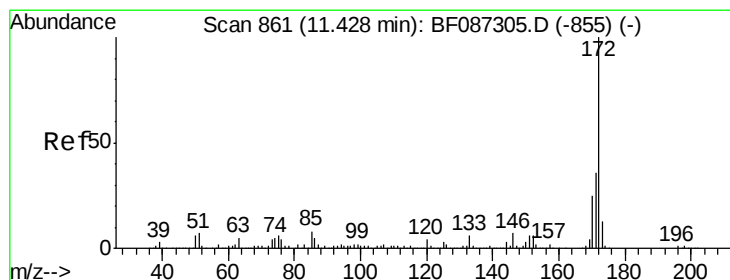
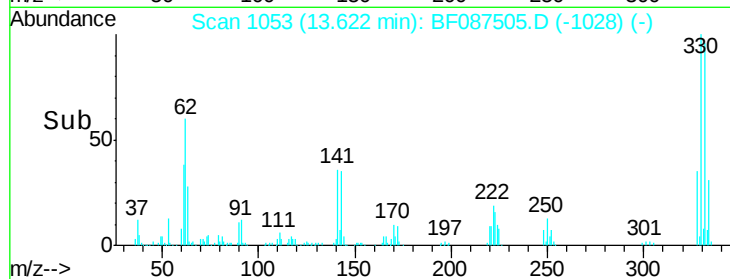
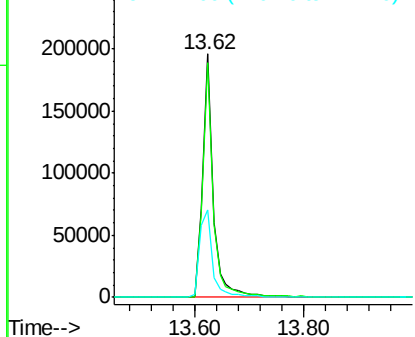
#41
 2,4,6-Tribromophenol
 Concen: 140.26 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087505.D
 Acq: 29 May 2016 6:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	43.7	31.2	46.8

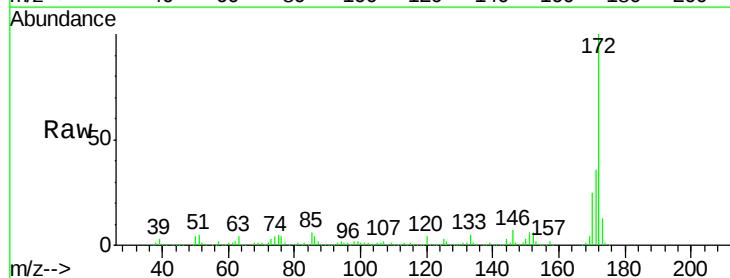


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

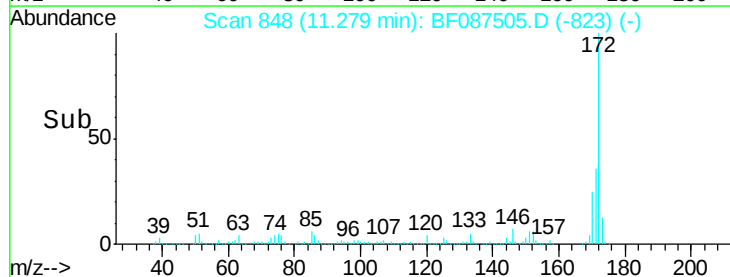
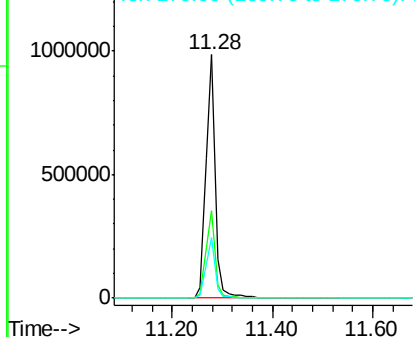


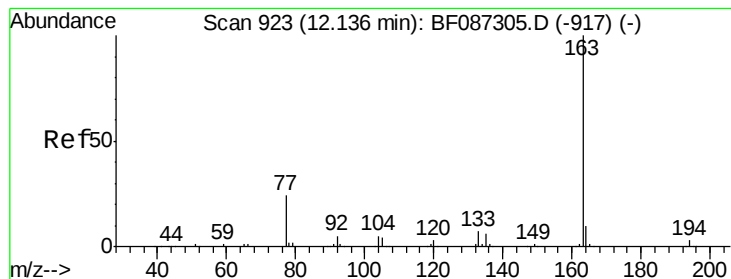
#44
 2-Fluorobiphenyl
 Concen: 91.48 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087505.D
 Acq: 29 May 2016 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.8	19.8	29.8



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





#49

Dimethylphthalate

Concen: 3.19 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

BNA_F

ClientSampleId :

MW-11A

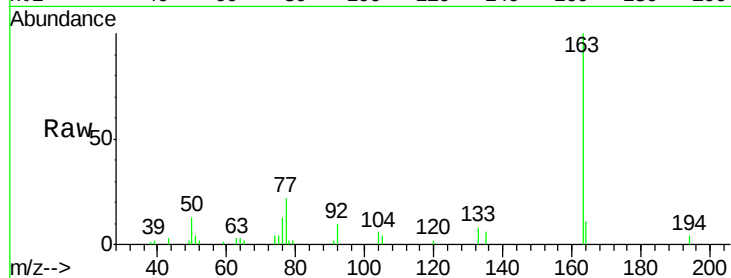
Tgt Ion:163 Resp: 50298

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

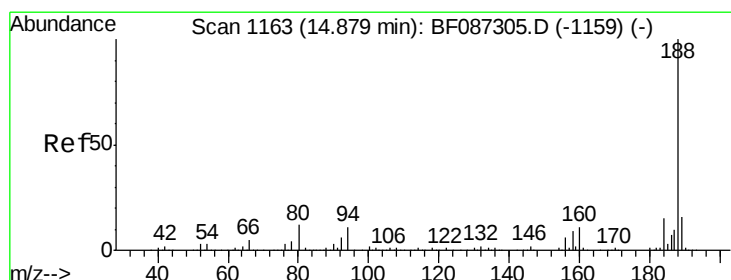
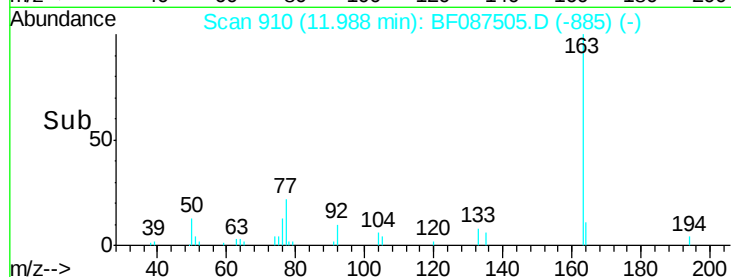
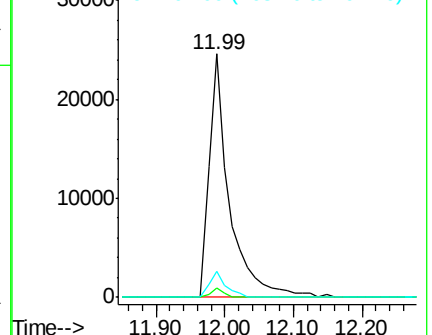
164 10.9 8.2 12.4



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: 14.73 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

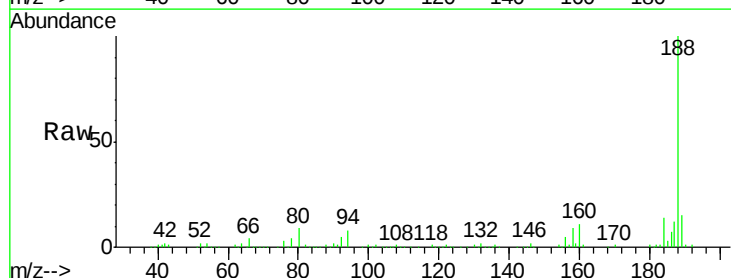
Tgt Ion:188 Resp: 368281

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

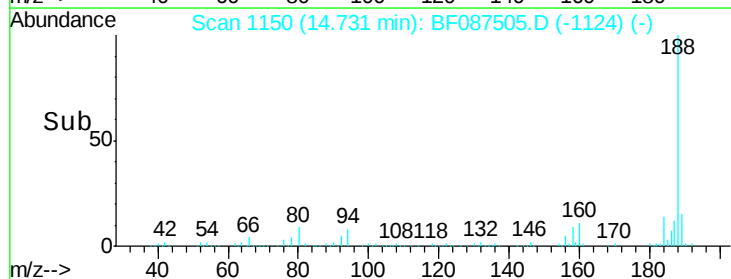
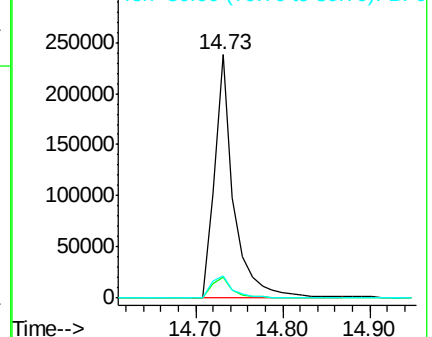
80 9.3 7.1 10.7



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: 18.43 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

BNA_F

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MW-11A

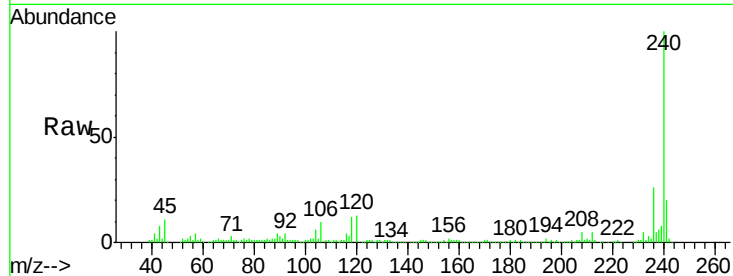
Tgt Ion:240 Resp: 274936

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

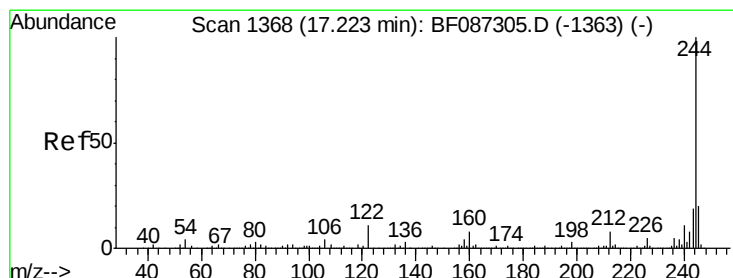
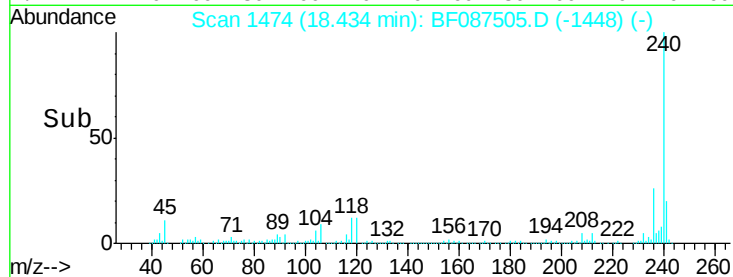
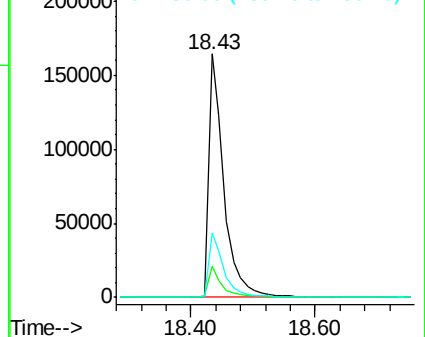
236 26.4 21.2 31.8



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: 84.62 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

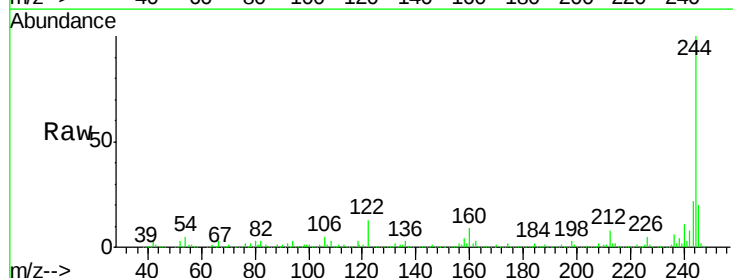
Tgt Ion:244 Resp: 1094336

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

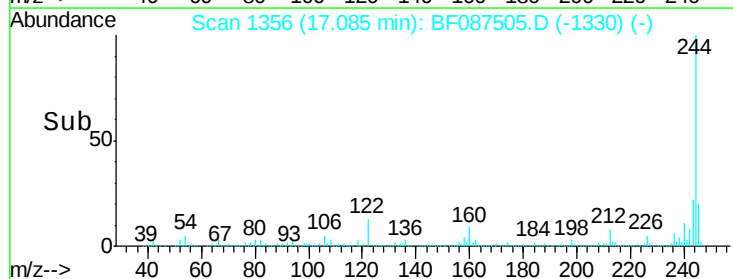
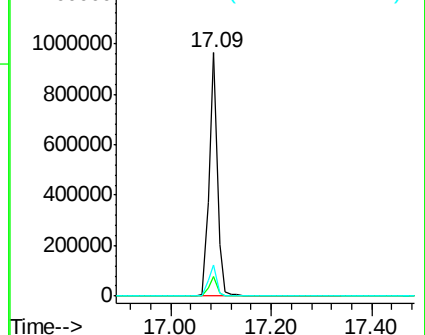
122 12.7 12.0 18.0

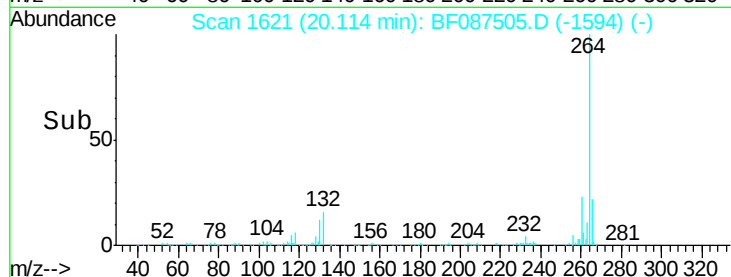
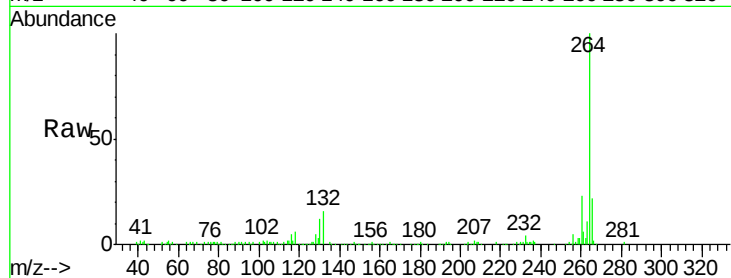
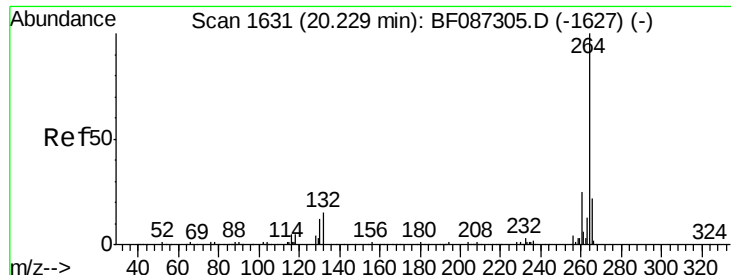


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF087505.D

Acq: 29 May 2016 6:01

Instrument :

BNA_F

ClientSampleId :

MW-11A

Tgt Ion:264 Resp: 193227

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.1 17.3 25.9

