

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087017.D
 Acq On : 14 May 2016 13:47
 Operator : UM/SJ
 Sample : H2990-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: May 16 02:00:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

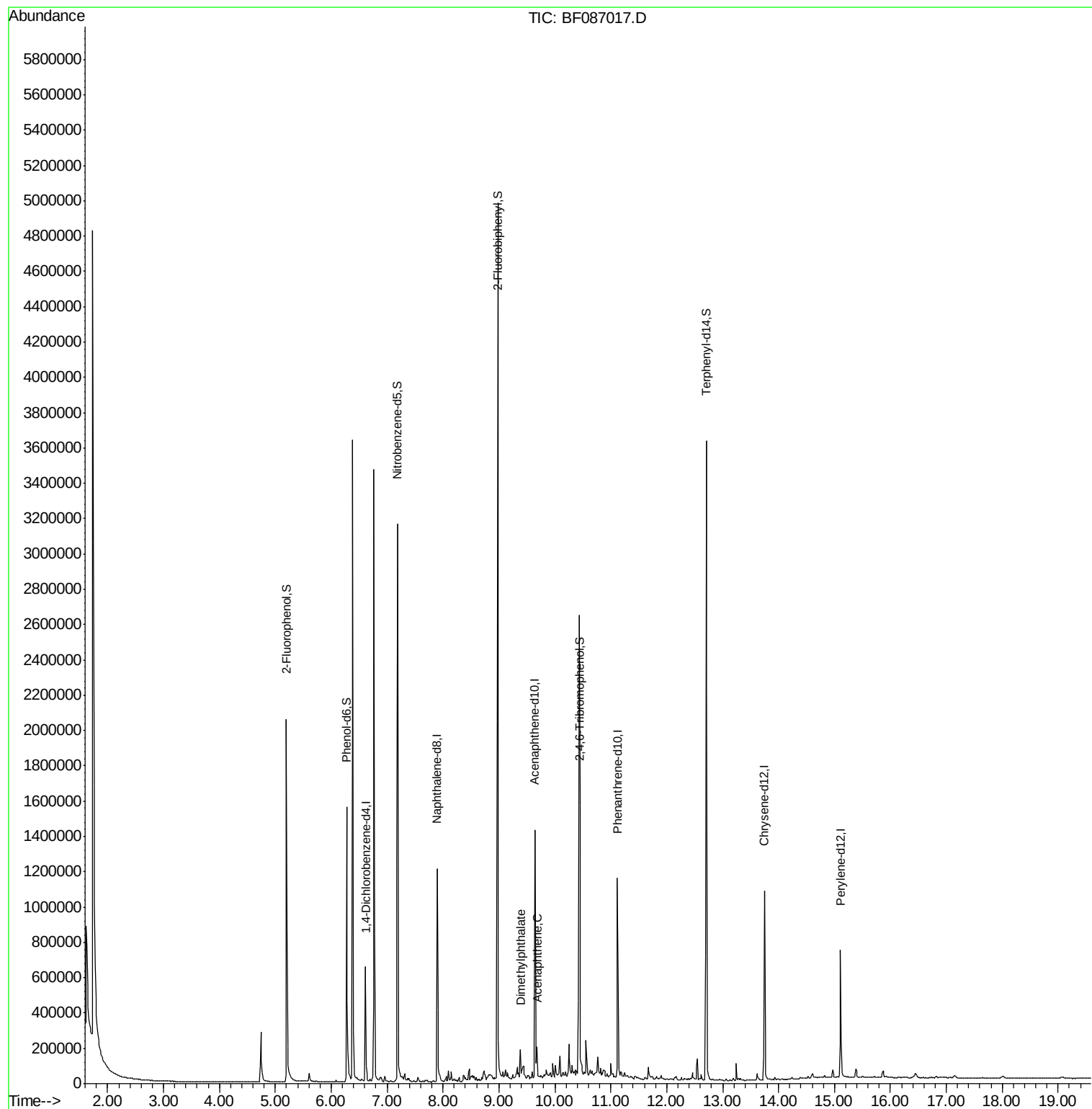
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133721	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	557847	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	264581	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	479632	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	358426	20.00	ng	-0.01
86) Perylene-d12	15.11	264	291523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	590008	74.72	ng	0.00
7) Phenol-d6	6.27	99	518492	49.13	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1045052	94.07	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	401684	143.41	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1584855	100.67	ng	0.00
78) Terphenyl-d14	12.71	244	1447569	85.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	57499	2.85	ng	99
51) Acenaphthene	9.68	154	33408	2.21	ng	99

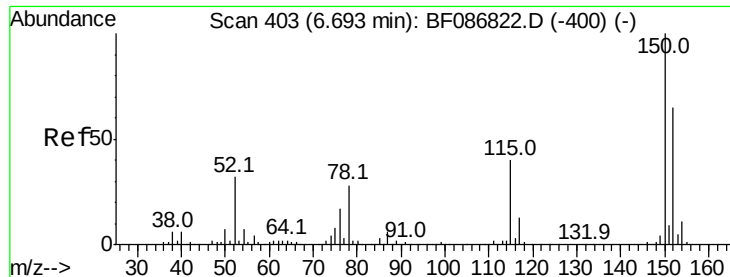
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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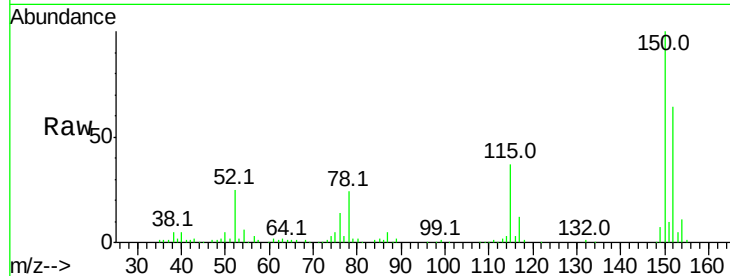


#1

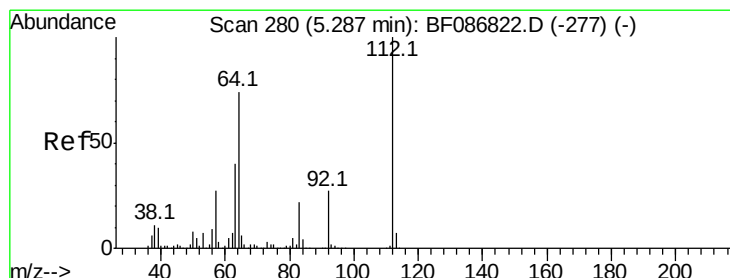
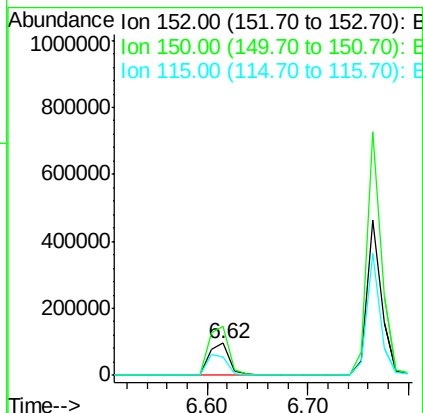
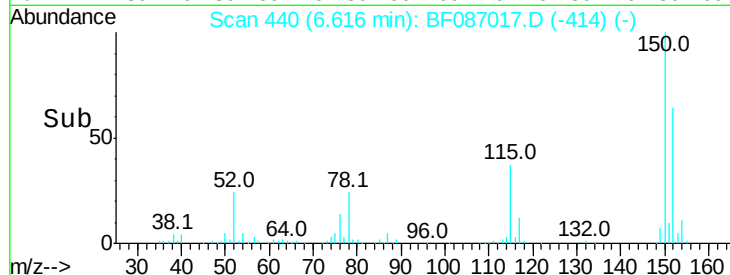
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tot Ion:152 Resp: 133721
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.8 188.6
 115 57.5 51.5 77.3



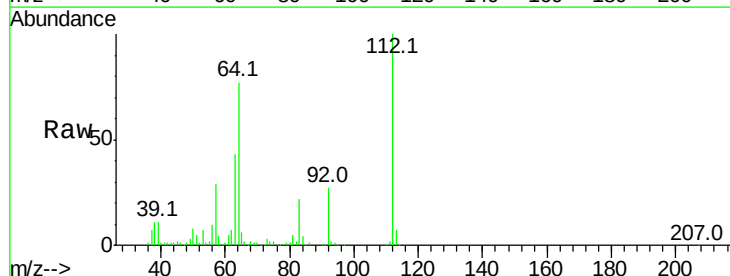
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



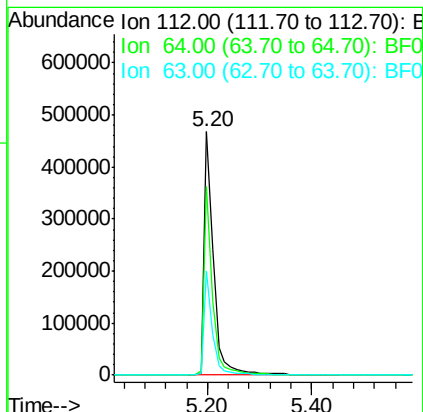
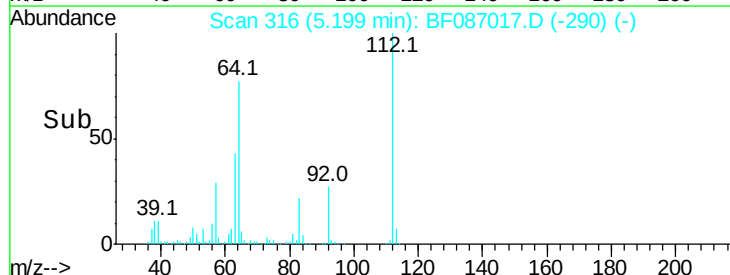
#5

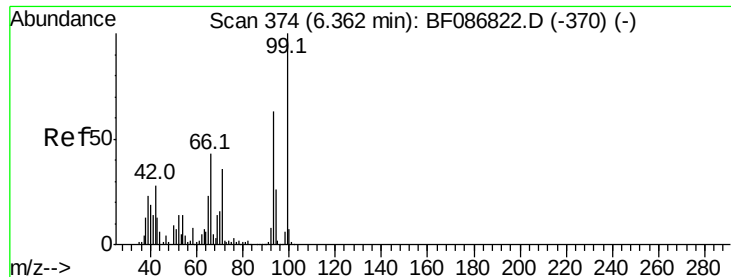
2-Fluorophenol
 Concen: 74.72 ng
 RT: 5.20 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Tgt Ion:112 Resp: 590008
 Ion Ratio Lower Upper
 112 100
 64 77.4 52.1 78.1
 63 42.7 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: 49.13 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

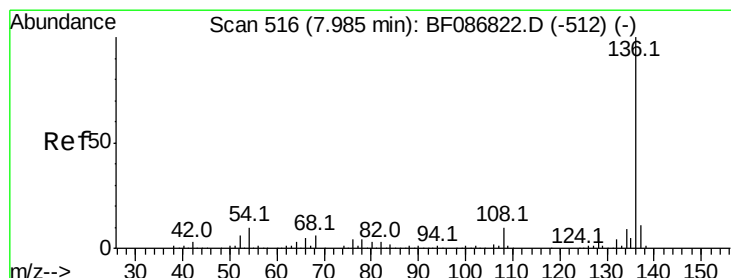
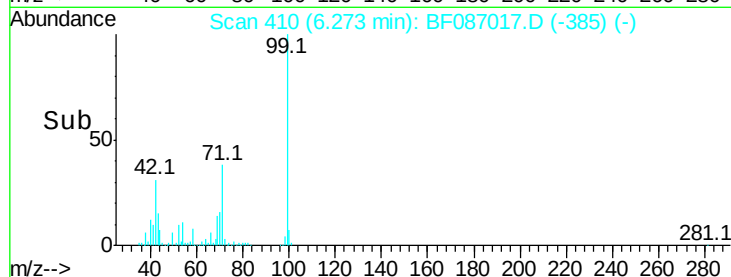
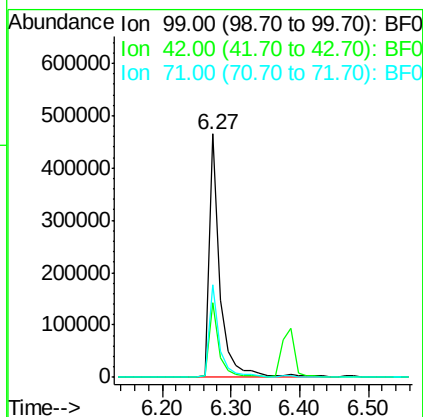
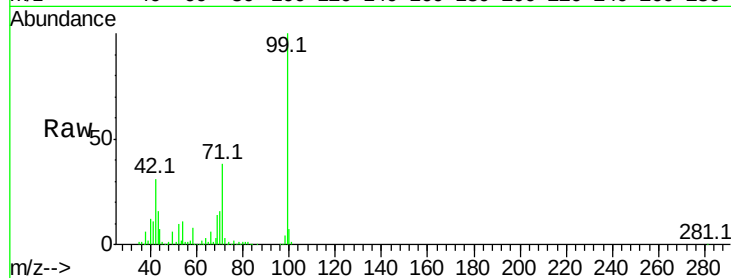
Tot Ion: 99 Resp: 518492

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

71 38.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

Tgt Ion: 136 Resp: 557847

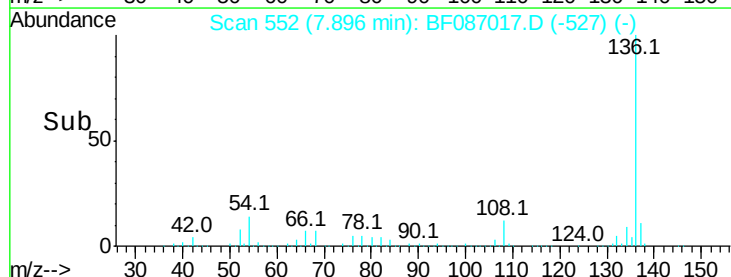
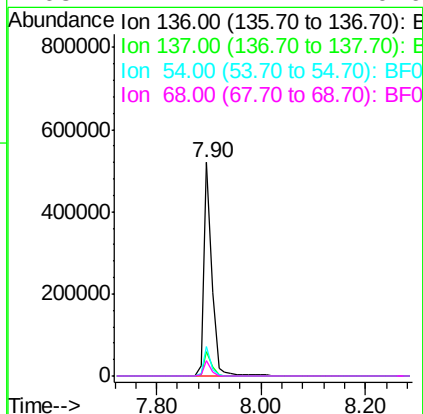
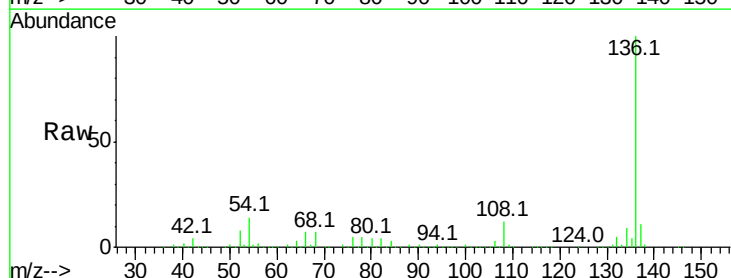
Ion Ratio Lower Upper

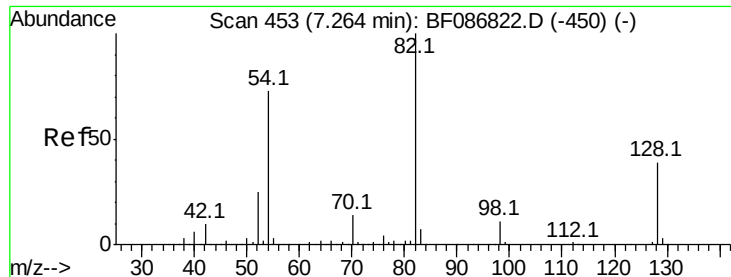
136 100

137 11.3 8.8 13.2

54 13.8 5.0 7.4#

68 7.1 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 94.07 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

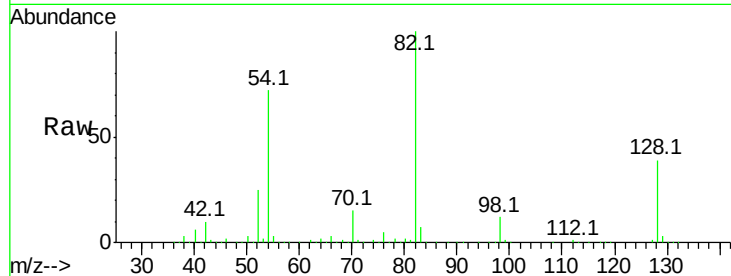
Tot Ion: 82 Resp: 1045052

Ion Ratio Lower Upper

82 100

128 39.3 40.6 61.0#

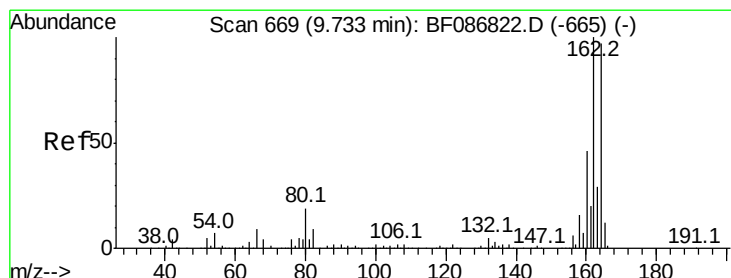
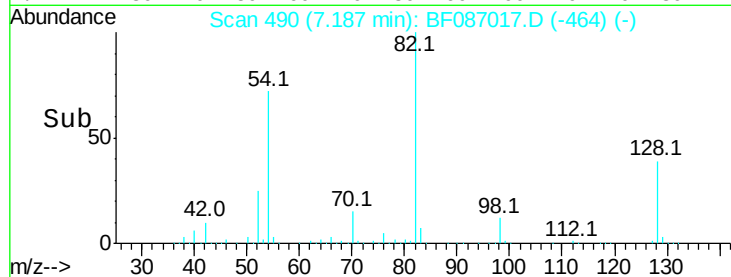
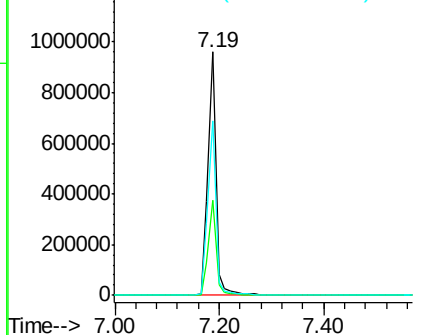
54 71.6 38.1 57.1#



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: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

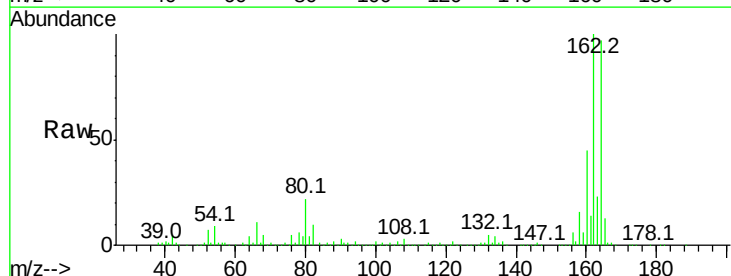
Tgt Ion: 164 Resp: 264581

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

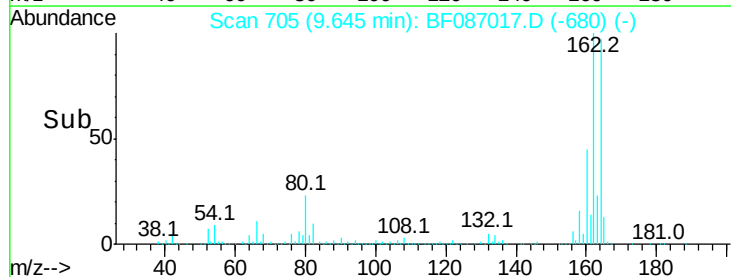
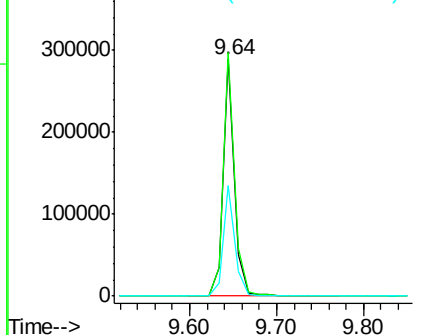
160 46.8 36.9 55.3

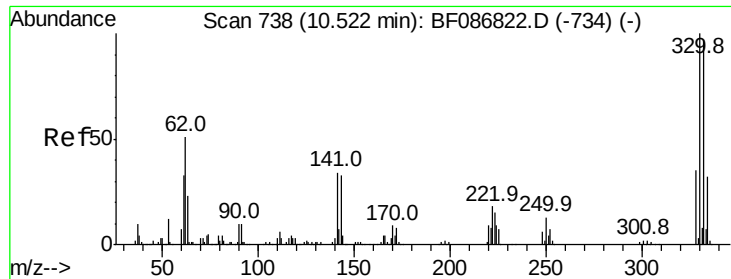


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

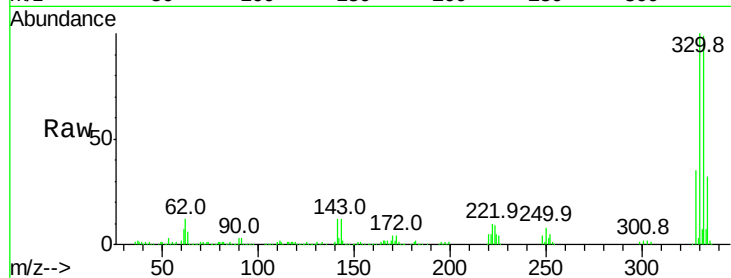




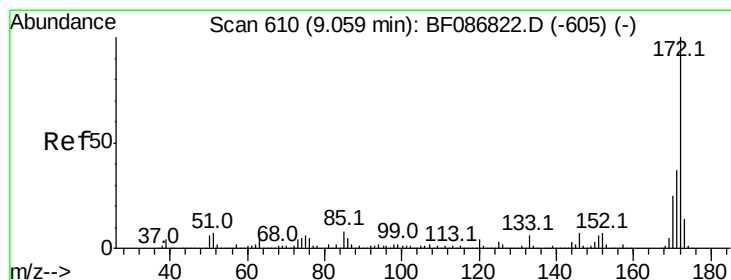
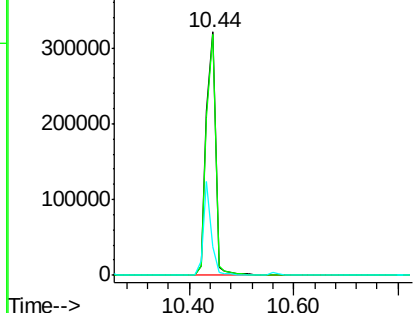
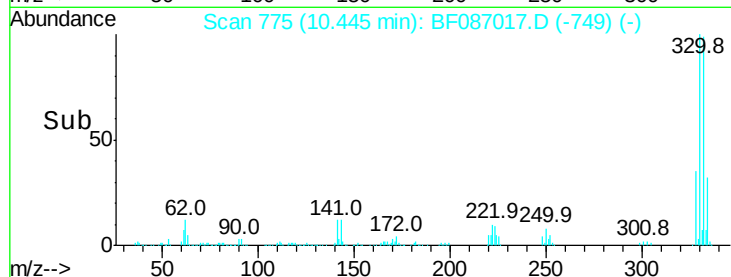
#41
 2,4,6-Tribromophenol
 Concen: 143.41 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tot Ion:330 Resp: 401684
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 32.3 31.2 46.8

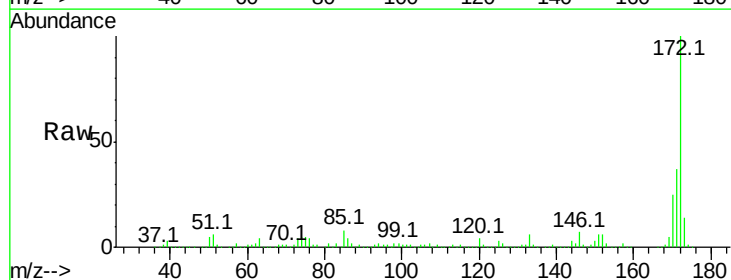


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

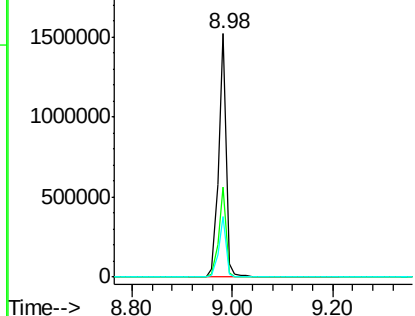
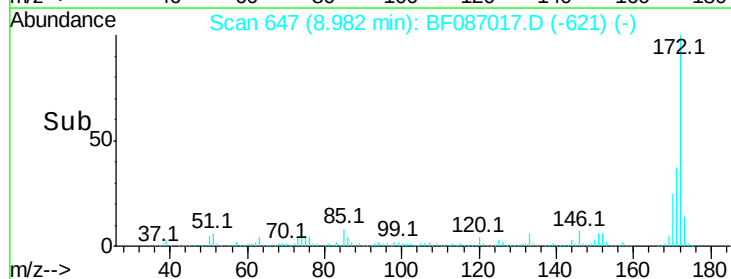


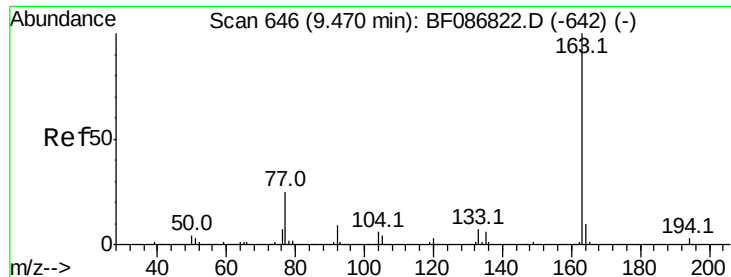
#44
 2-Fluorobiphenyl
 Concen: 100.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Tgt Ion:172 Resp: 1584855
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.9 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: 2.85 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

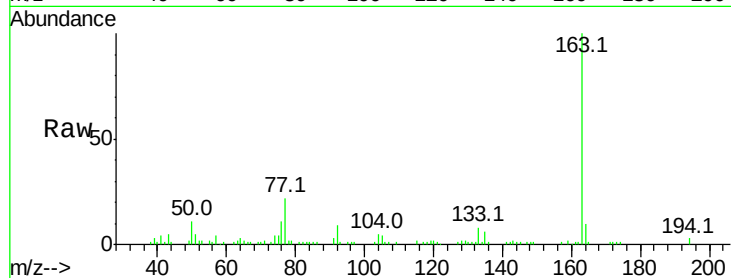
Tot Ion:163 Resp: 57499

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

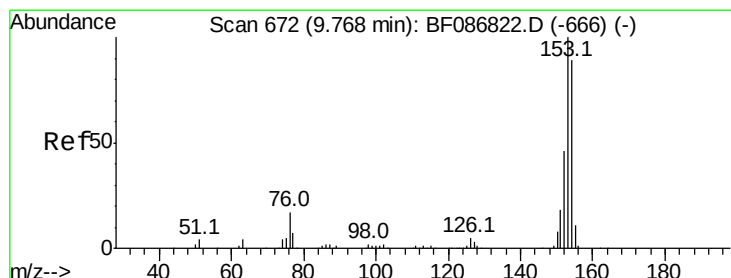
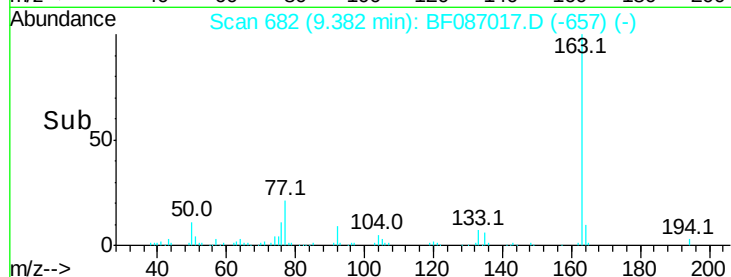
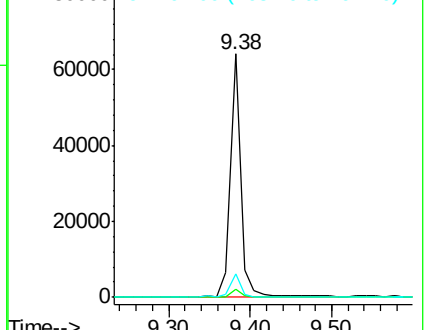
164 9.7 8.2 12.4



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



#51

Acenaphthene

Concen: 2.21 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

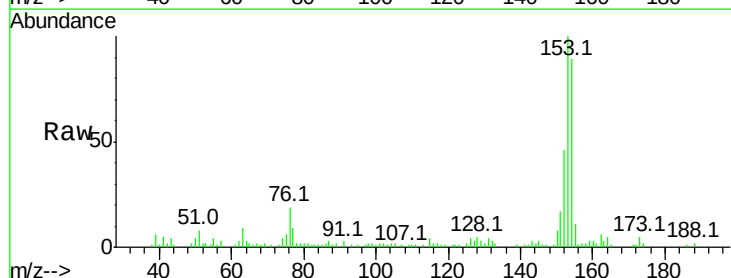
Tgt Ion:154 Resp: 33408

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.6

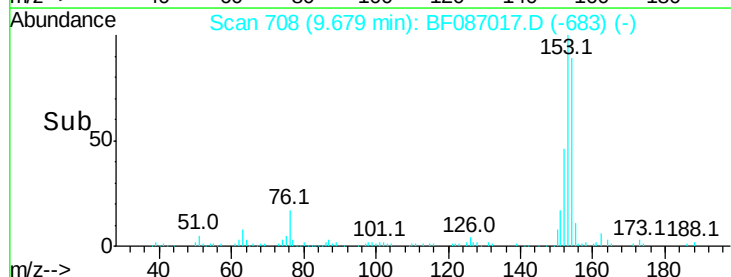
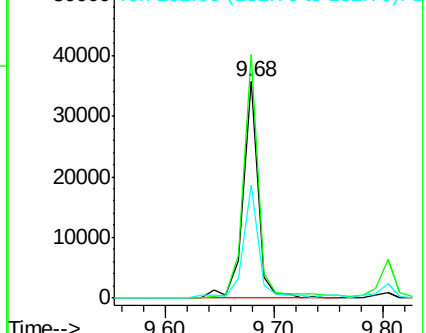
152 52.3 43.4 65.0

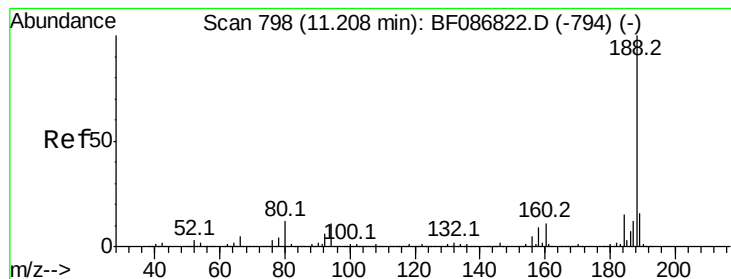


Abundance Ion 154.00 (153.70 to 154.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

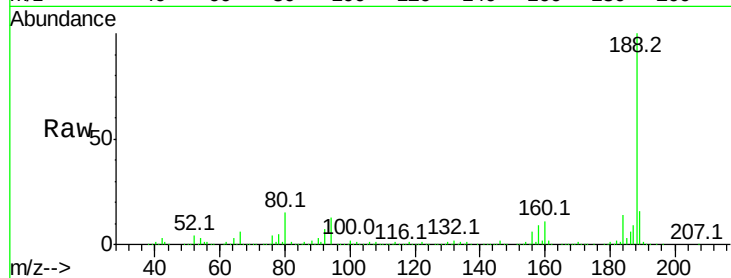
Tot Ion:188 Resp: 479632

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

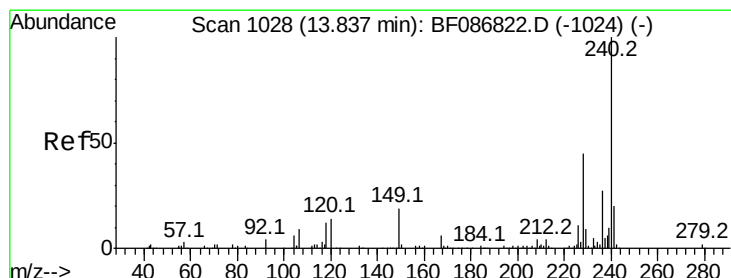
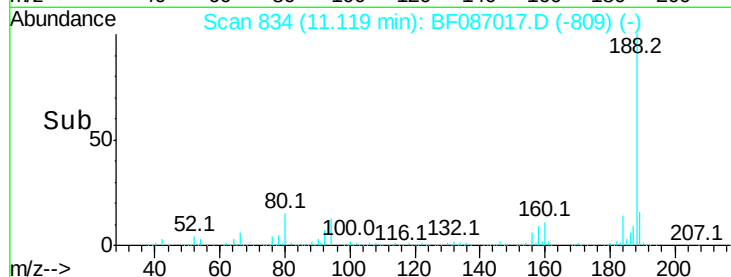
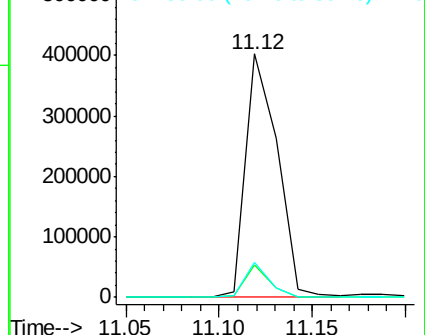
80 14.6 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087017.D

Acq: 14 May 2016 13:47

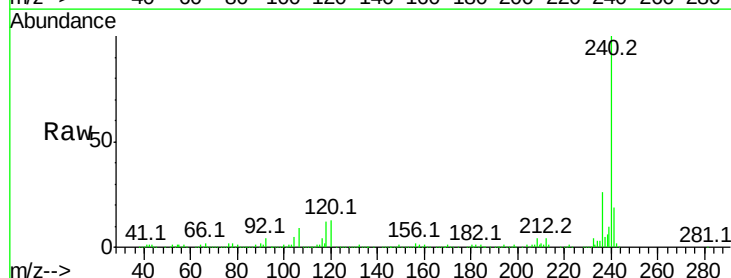
Tgt Ion:240 Resp: 358426

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

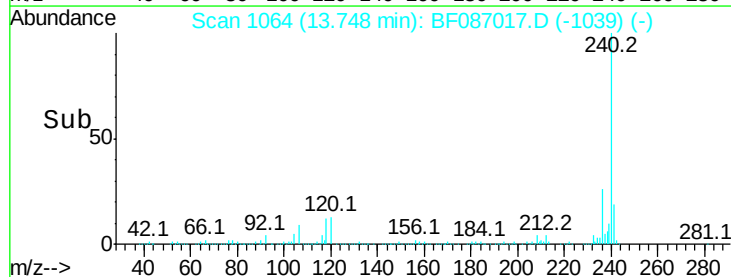
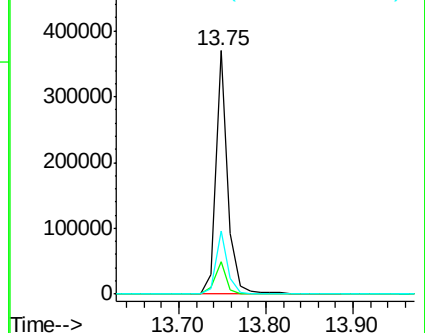
236 26.2 21.2 31.8

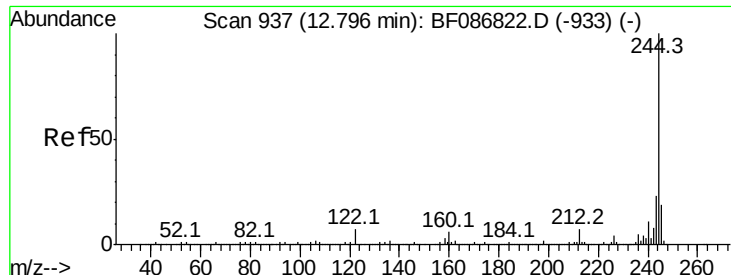


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

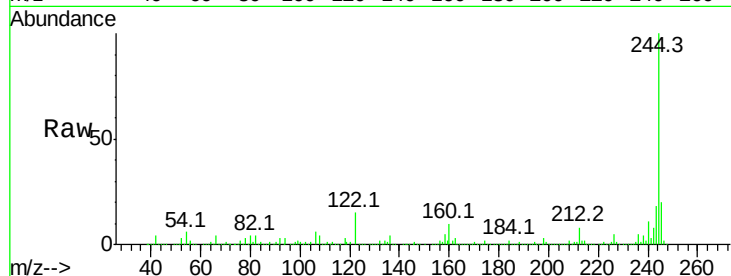




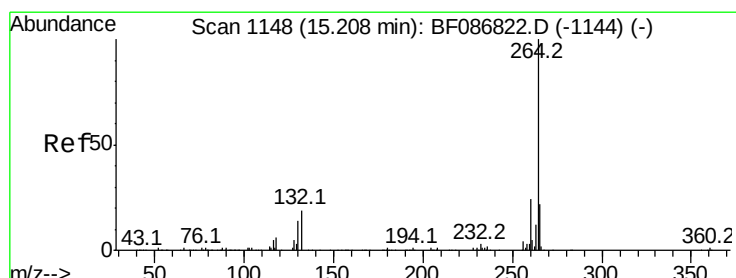
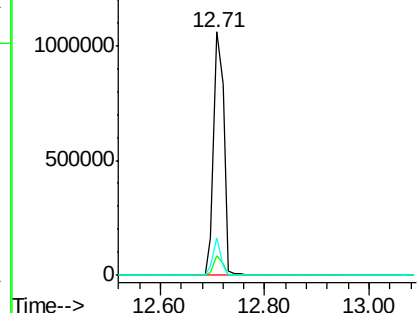
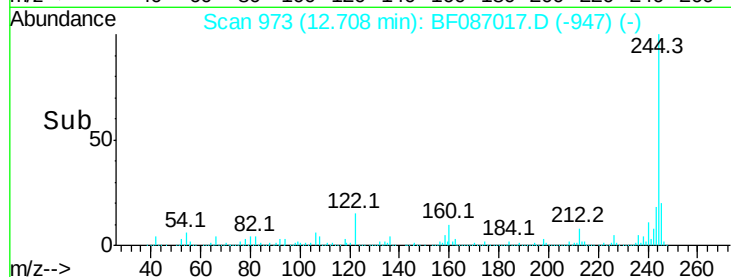
#78
 Terphenyl-d14
 Concen: 85.69 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tot Ion:244 Resp: 1447569
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 15.2 12.0 18.0

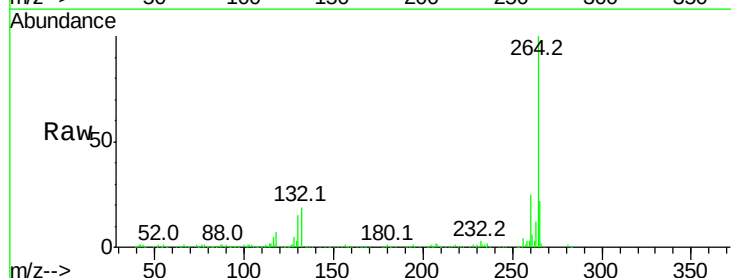


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF087017.D
 Acq: 14 May 2016 13:47

Tgt Ion:264 Resp: 291523
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.7 17.3 25.9



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

