

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009961.D
 Acq On : 07 May 2017 03:27
 Operator : SJ/MA
 Sample : I2997-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

Quant Time: May 08 07:11:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

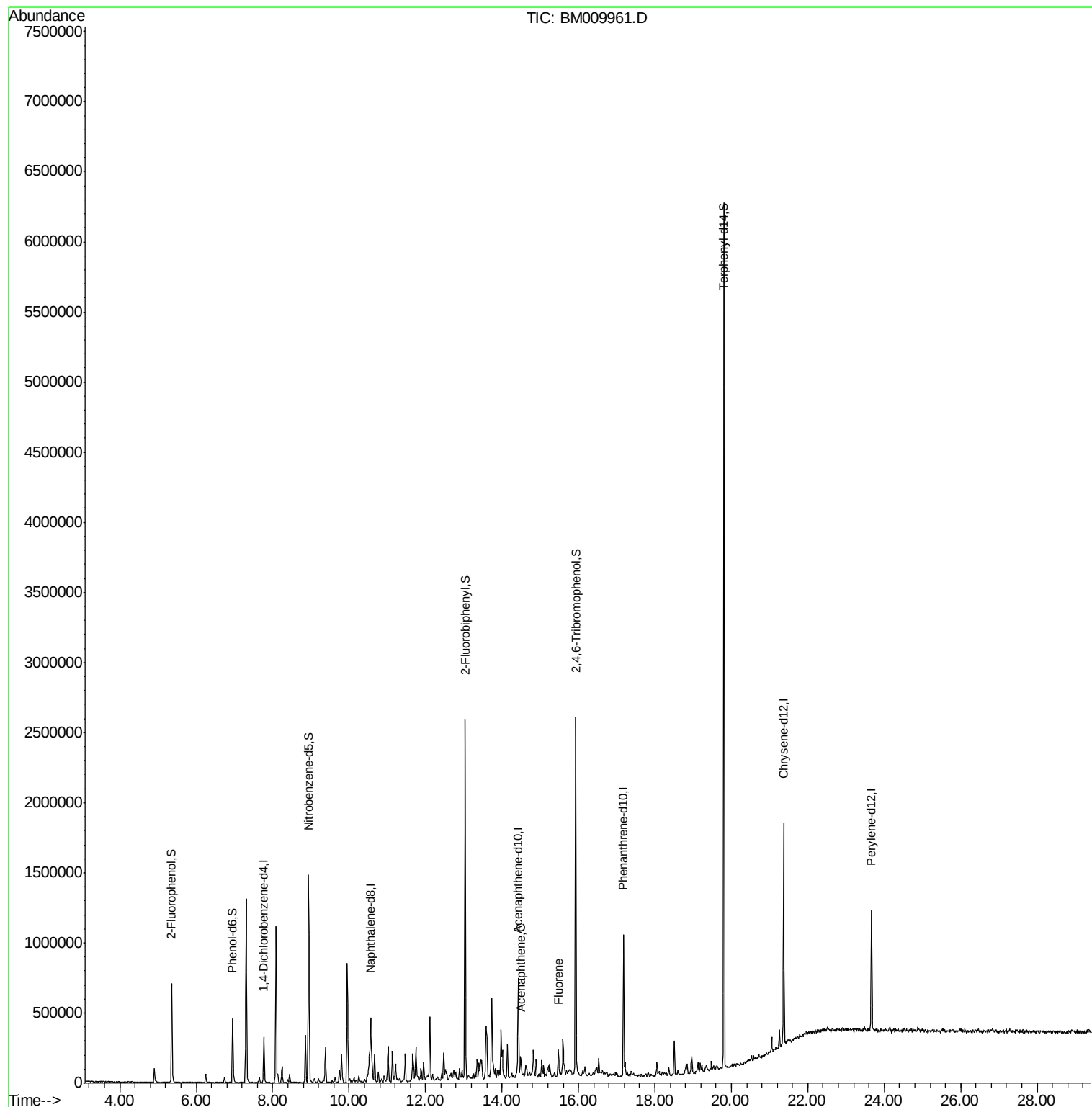
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	60670	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	290281	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	188617	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	498423	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	671702	20.00	ng	-0.02
86) Perylene-d12	23.67	264	588497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	216921	56.92	ng	-0.01
7) Phenol-d6	6.95	99	204610	35.03	ng	-0.02
23) Nitrobenzene-d5	8.94	82	597195	74.45	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	320005	124.22	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1059458	73.18	ng	-0.02
78) Terphenyl-d14	19.80	244	2131104	65.09	ng	-0.01
Target Compounds						
51) Acenaphthene	14.49	154	37709	3.07	ng	Qvalue 90
57) Fluorene	15.47	166	66163	3.99	ng	# 92

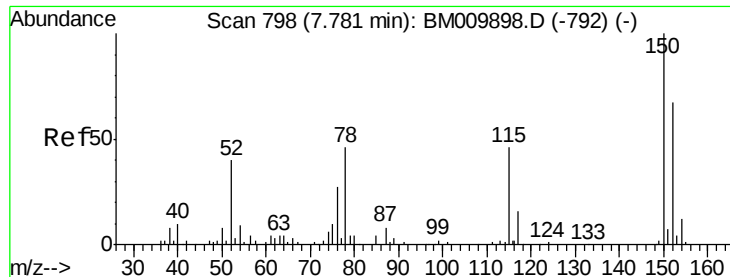
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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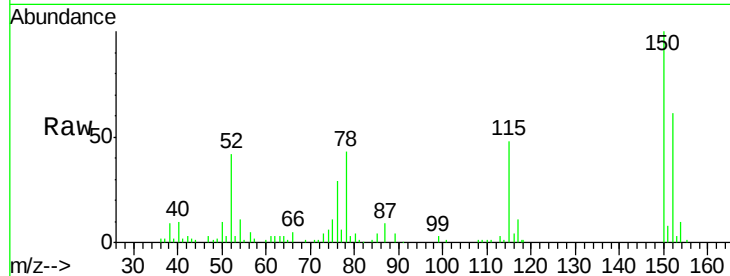


#1

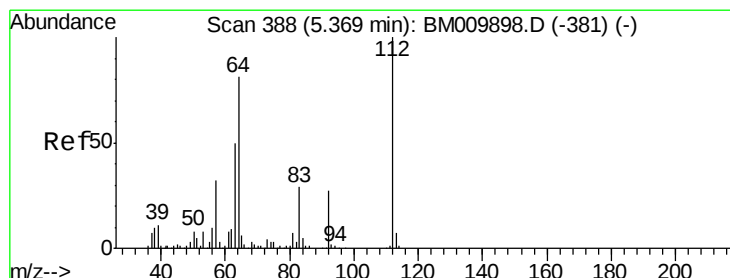
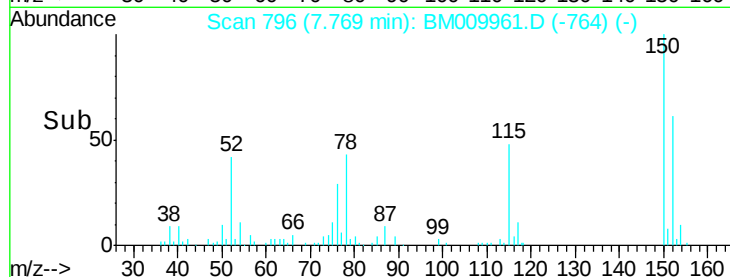
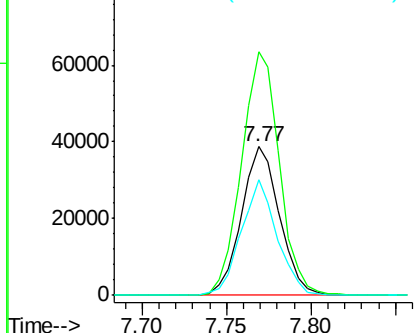
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

Tgt Ion:152 Resp: 60670
 Ion Ratio Lower Upper
 152 100
 150 164.1 119.5 179.3
 115 77.9 43.0 64.4#



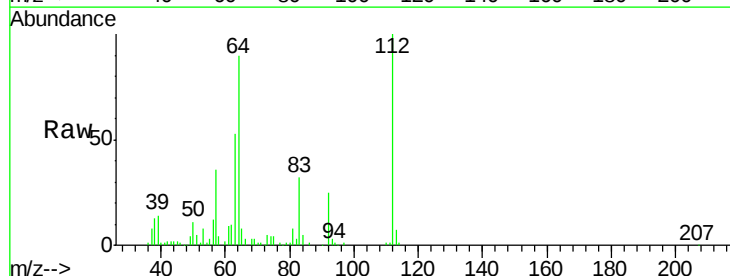
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



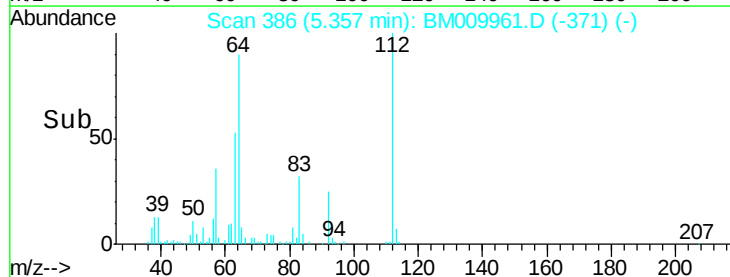
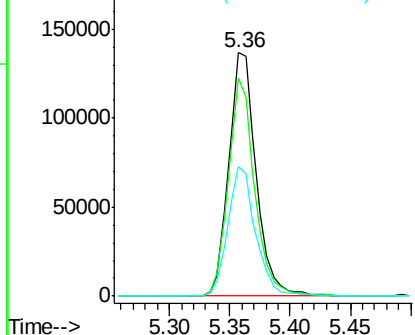
#5

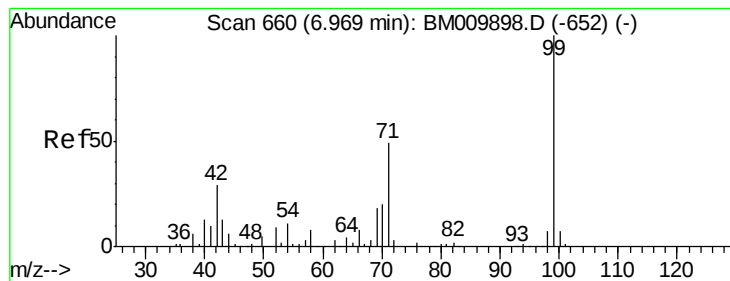
2-Fluorophenol
 Concen: 56.92 ng
 RT: 5.36 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

Tgt Ion:112 Resp: 216921
 Ion Ratio Lower Upper
 112 100
 64 89.7 38.6 57.8#
 63 53.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 35.03 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

Instrument :

BNA_M

ClientSampleId :

OWL-C4-GW

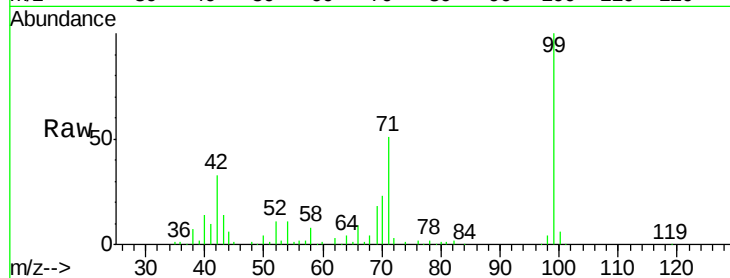
Tgt Ion: 99 Resp: 204610

Ion Ratio Lower Upper

99 100

42 33.3 11.0 16.4#

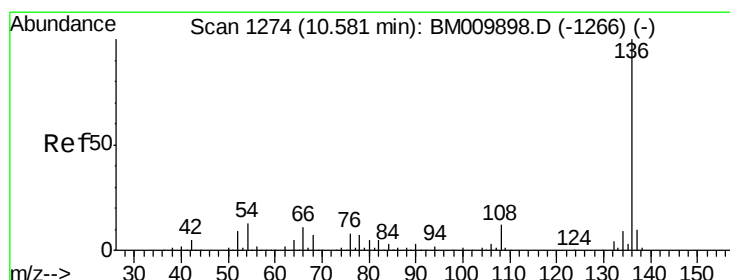
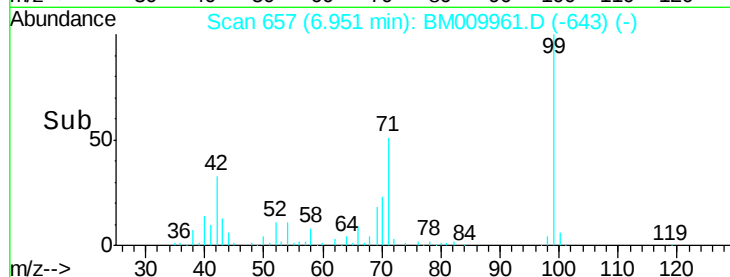
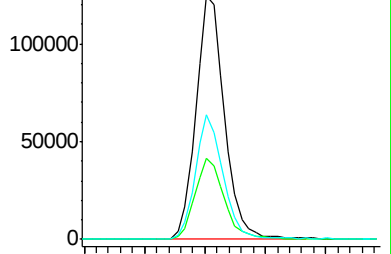
71 51.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

Tgt Ion: 136 Resp: 290281

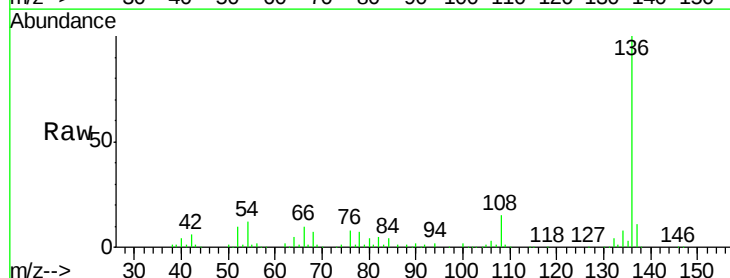
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 12.4 4.6 6.8#

68 7.4 3.7 5.5#

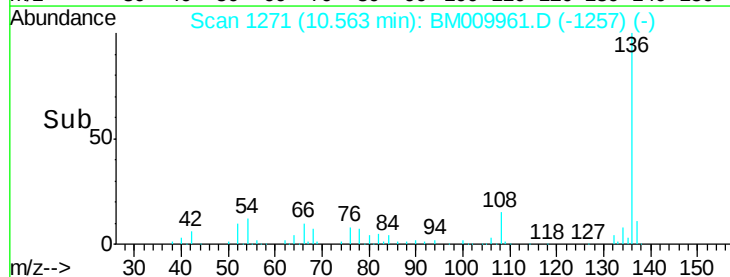
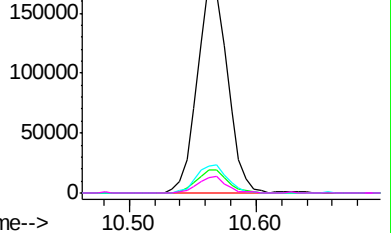


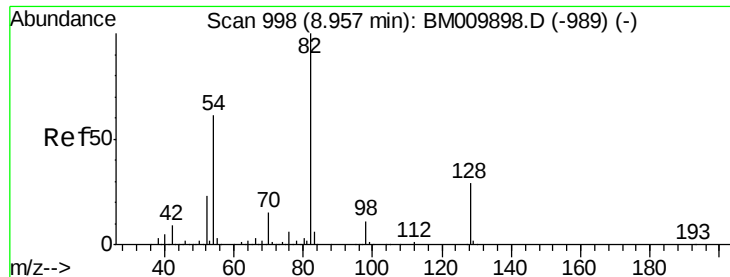
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

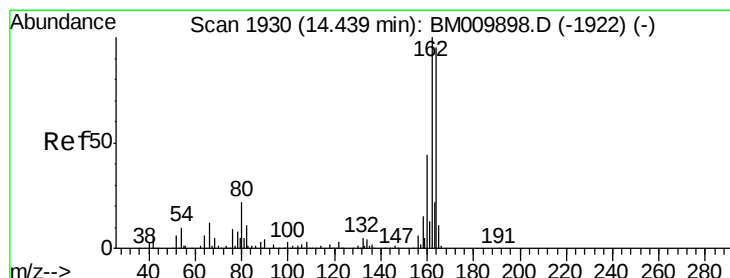
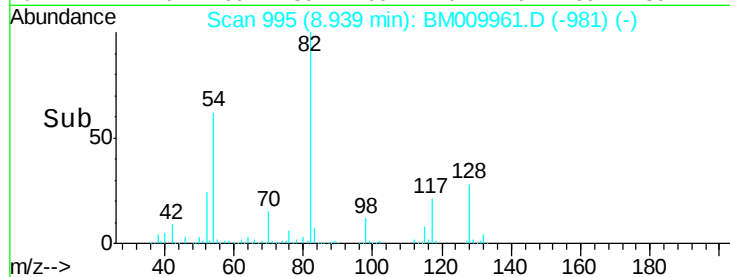
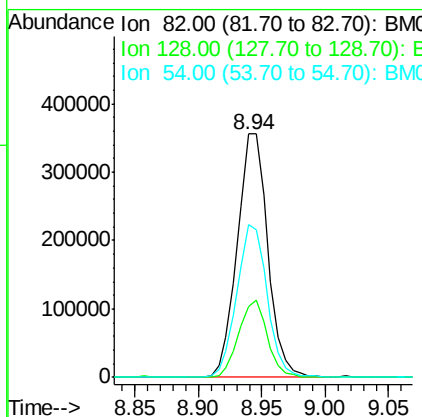
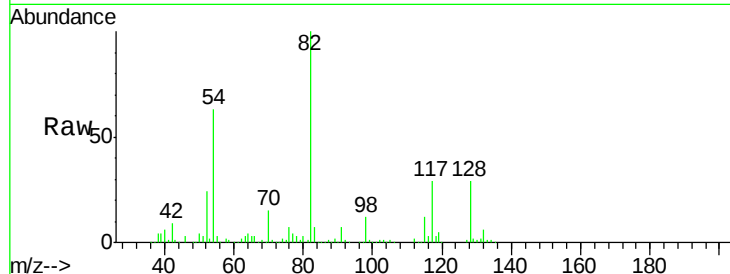




#23
 Nitrobenzene-d5
 Concen: 74.45 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

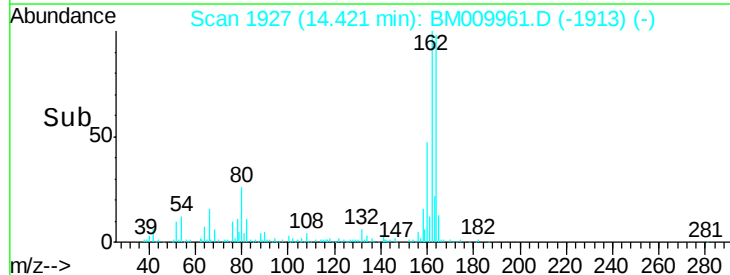
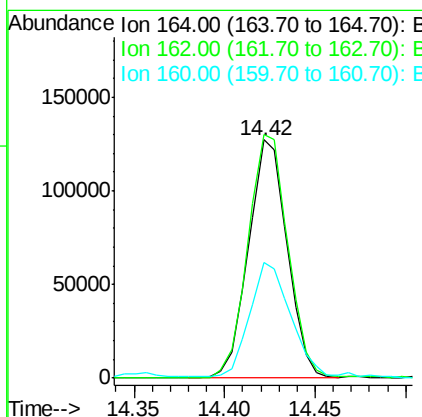
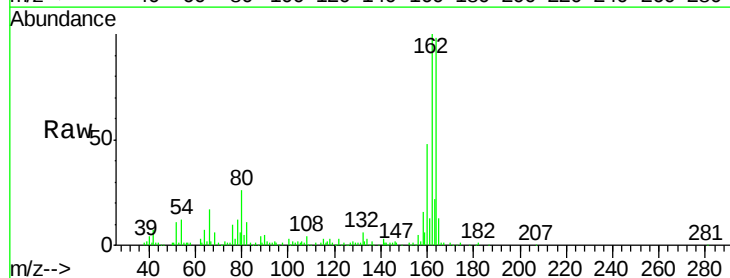
Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

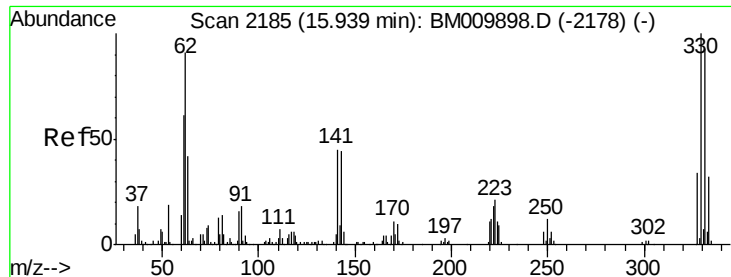
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.9	32.8	49.2#
54	62.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	48.8	35.8	53.6

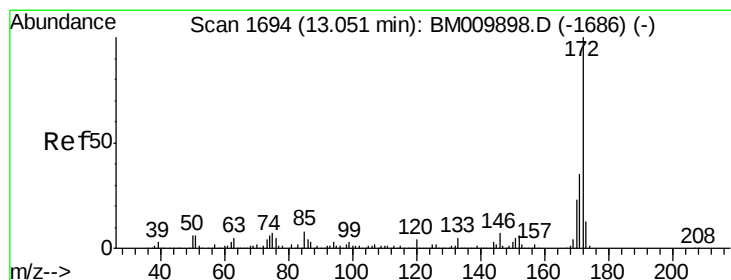
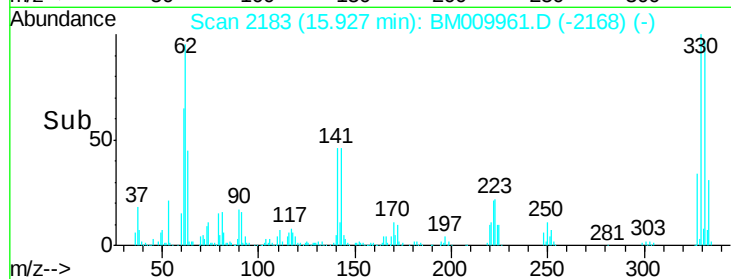
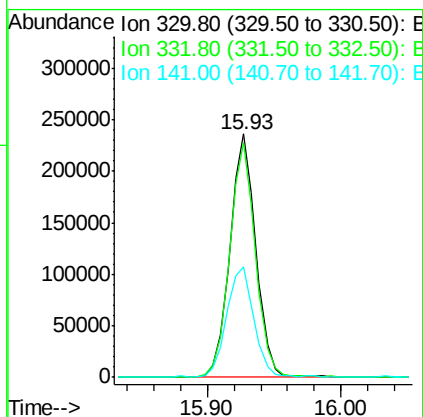
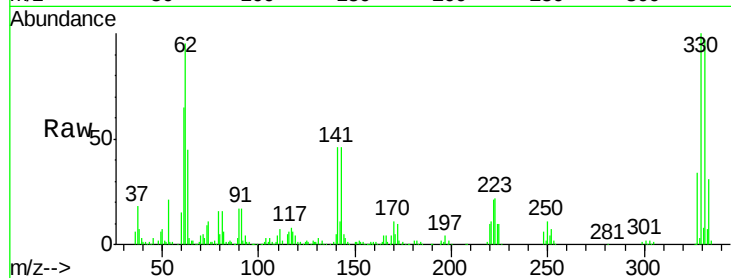




#41
 2,4,6-Tribromophenol
 Concen: 124.22 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

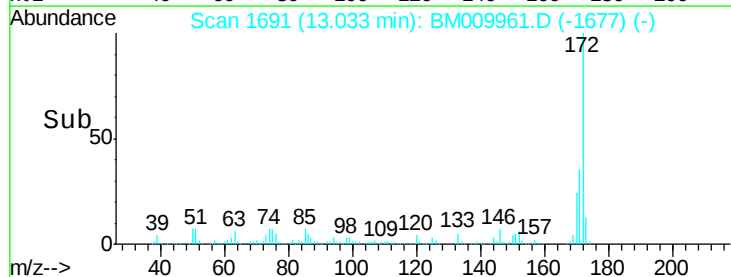
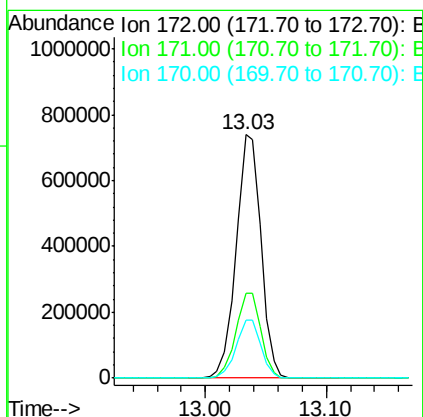
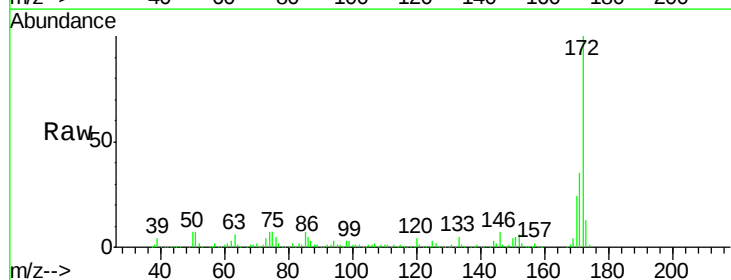
Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

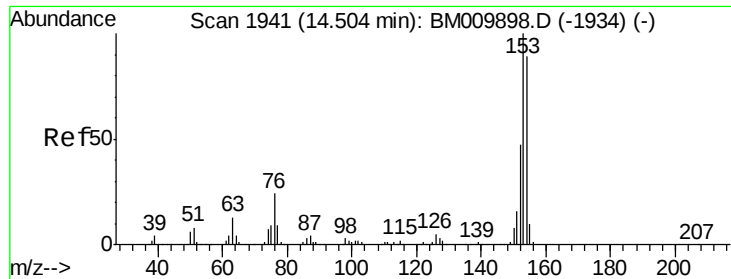
Tgt Ion:330 Resp: 320005
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 47.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 73.18 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009961.D
 Acq: 07 May 2017 03:27

Tgt Ion:172 Resp: 1059458
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.9 18.8 28.2





#51

Acenaphthene

Concen: 3.07 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

Instrument :

BNA_M

ClientSampleId :

OWL-C4-GW

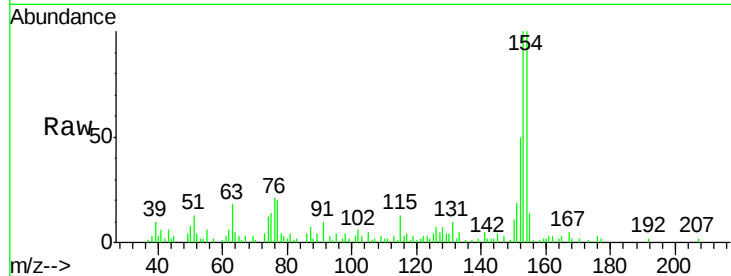
Tgt Ion:154 Resp: 37709

Ion Ratio Lower Upper

154 100

153 99.9 90.0 135.0

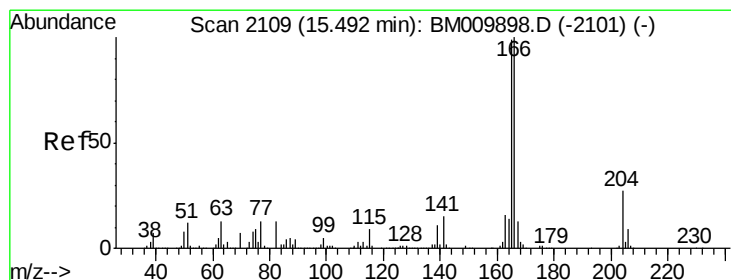
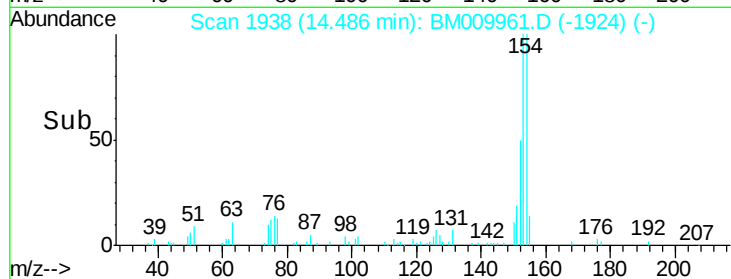
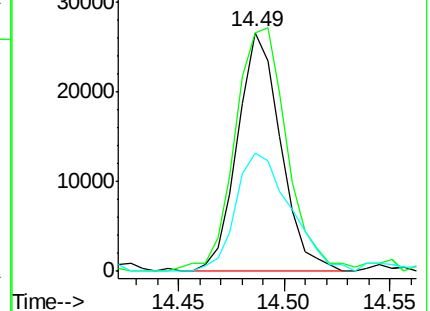
152 49.6 42.6 63.8



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



#57

Fluorene

Concen: 3.99 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

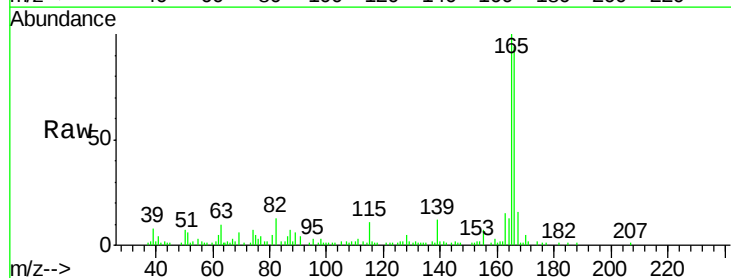
Tgt Ion:166 Resp: 66163

Ion Ratio Lower Upper

166 100

165 106.6 79.0 118.4

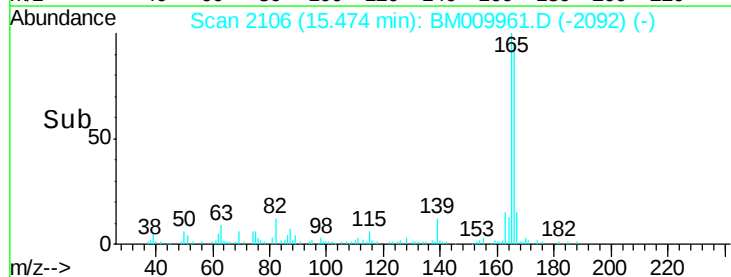
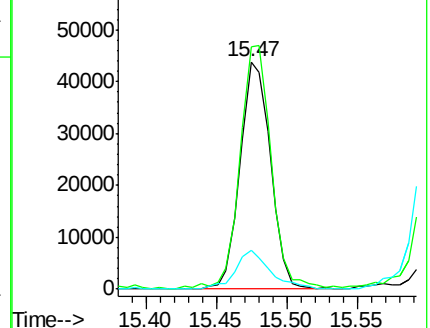
167 16.8 10.3 15.5#

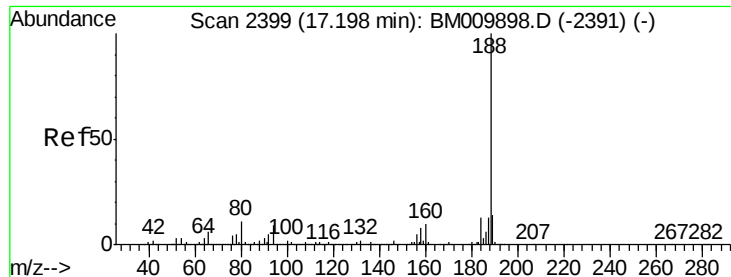


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

Instrument :

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ClientSampleId :

OWL-C4-GW

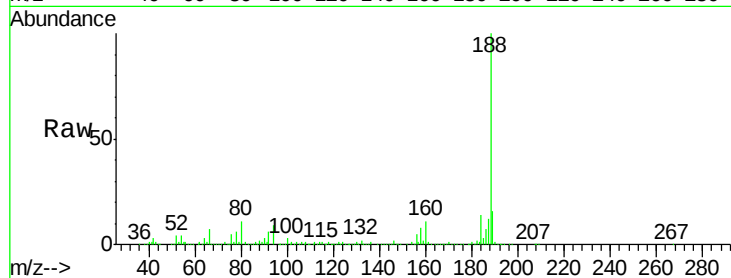
Tgt Ion:188 Resp: 498423

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

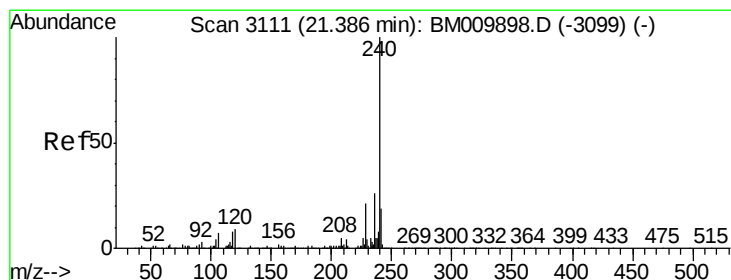
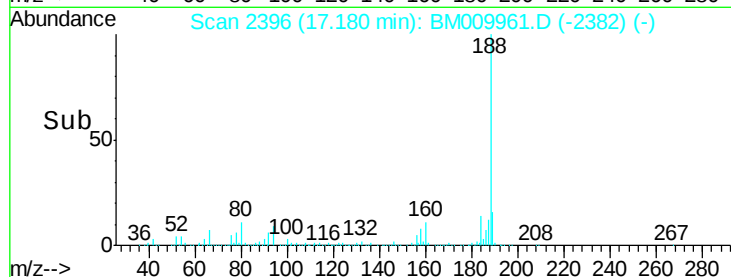
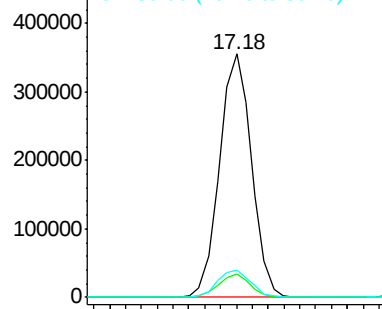
80 11.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

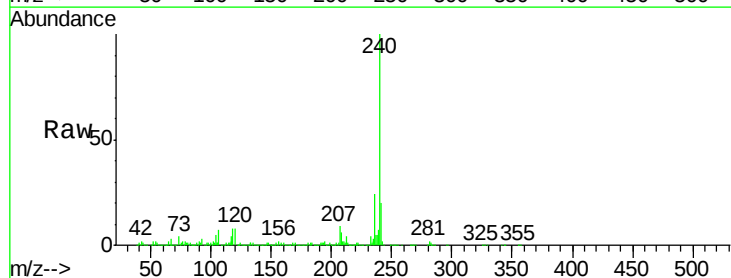
Tgt Ion:240 Resp: 671702

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

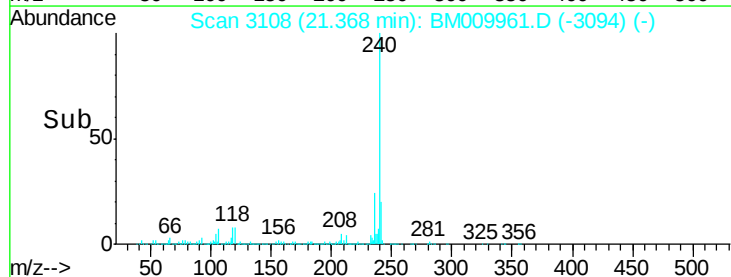
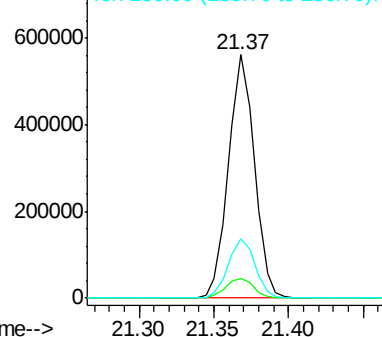
236 24.4 20.0 30.0

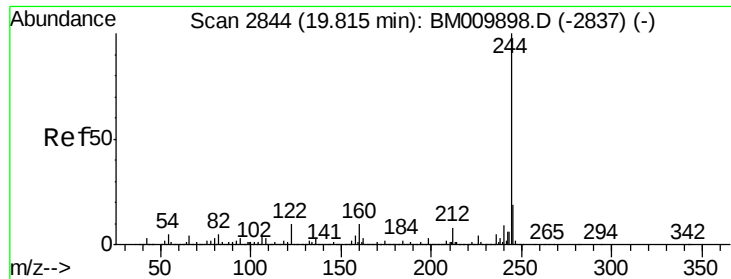


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.09 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

Instrument :

BNA_M

ClientSampleId :

OWL-C4-GW

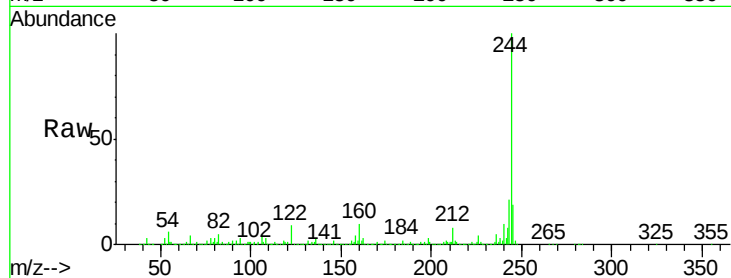
Tgt Ion:244 Resp: 2131104

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

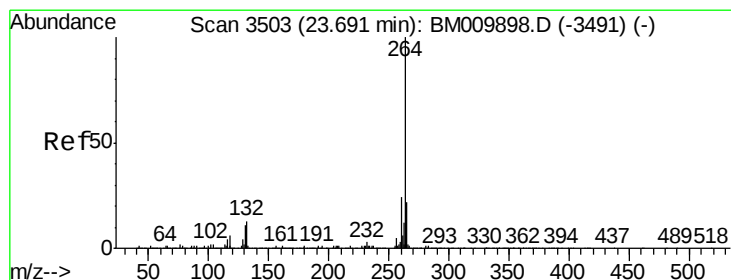
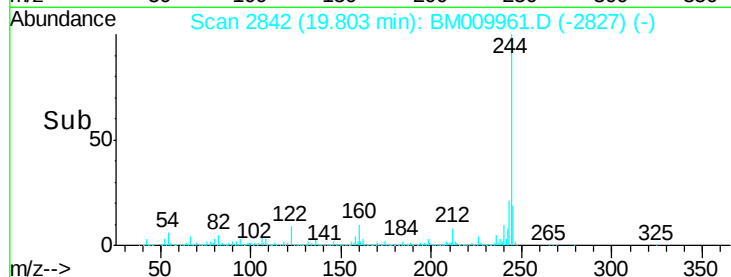
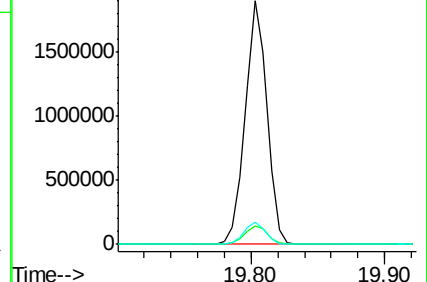
122 8.9 6.2 9.4



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: 23.67 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM009961.D

Acq: 07 May 2017 03:27

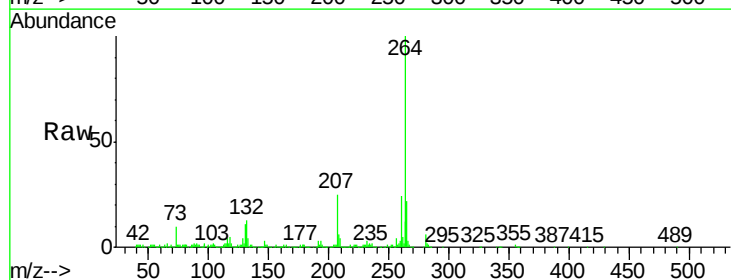
Tgt Ion:264 Resp: 588497

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.2 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

