

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094782.D
 Acq On : 2 May 2017 6:51
 Operator : SJ/MA
 Sample : I2892-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-W(5-5.5)

Quant Time: May 02 07:46:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

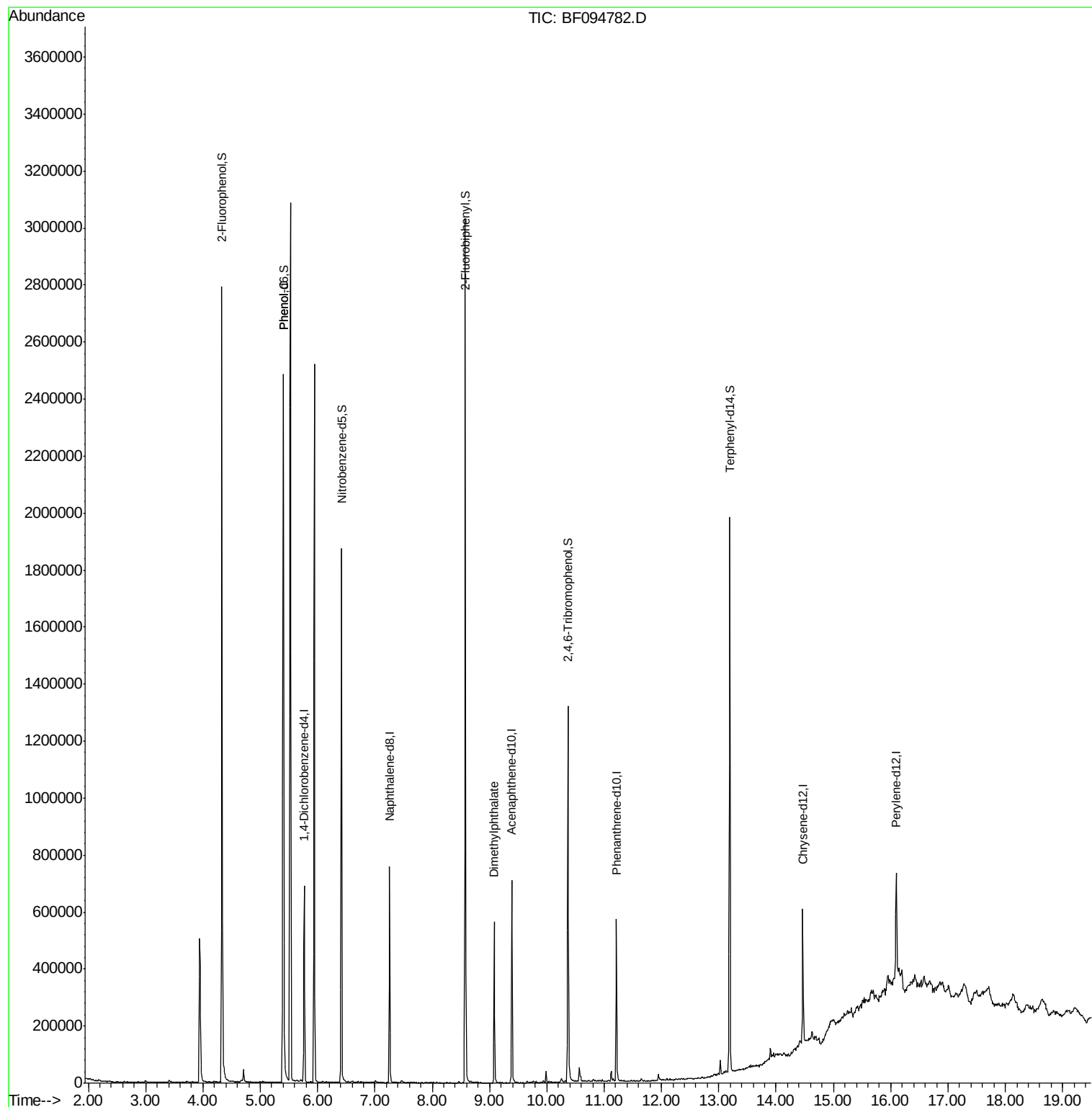
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	105185	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	373351	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	162544	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	234647	20.00	ng	0.00
75) Chrysene-d12	14.47	240	201851	20.00	ng	0.00
86) Perylene-d12	16.09	264	159163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	948506	149.61	ng	0.03
7) Phenol-d6	5.41	99	1143820	153.03	ng	0.01
23) Nitrobenzene-d5	6.42	82	684640	113.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	170013	133.72	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1114608	100.89	ng	0.00
78) Terphenyl-d14	13.19	244	712192	94.31	ng	0.00
Target Compounds						
10) Phenol	5.41	94	29679	3.23	ng	95
49) Dimethylphthalate	9.08	163	262557	21.67	ng	99

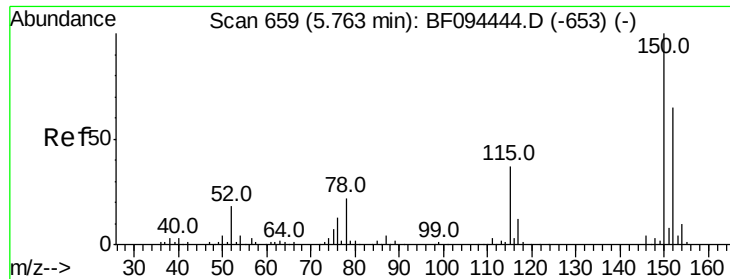
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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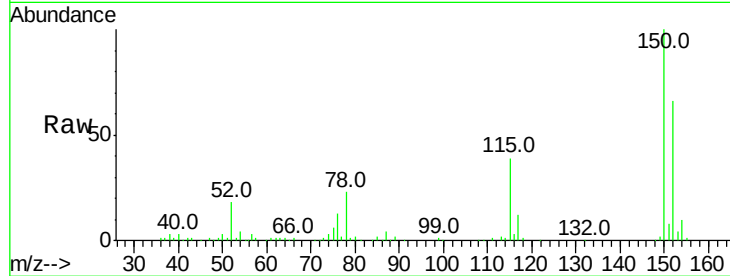


#1

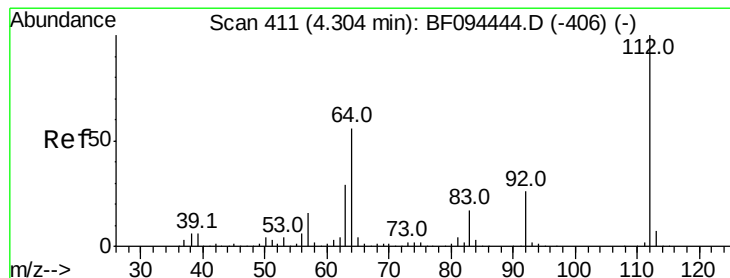
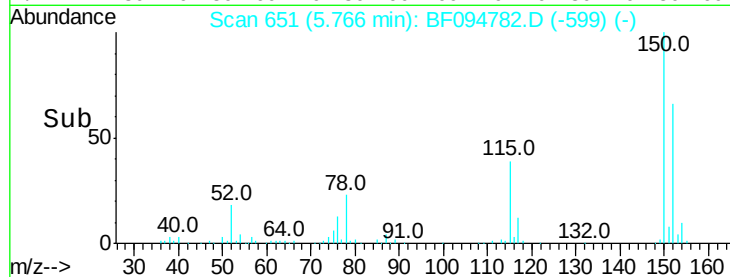
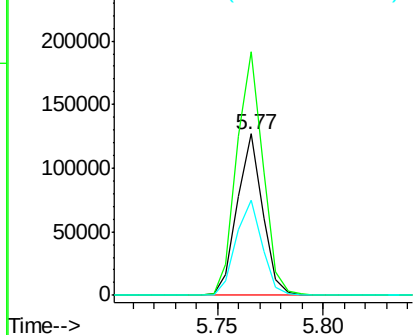
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094782.D
Acq: 2 May 2017 6:51

Instrument :
BNA_F
ClientSampleId :
OWS-W(5-5.5)

Tot Ion:152 Resp: 105185
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.2
115 58.8 52.2 78.2



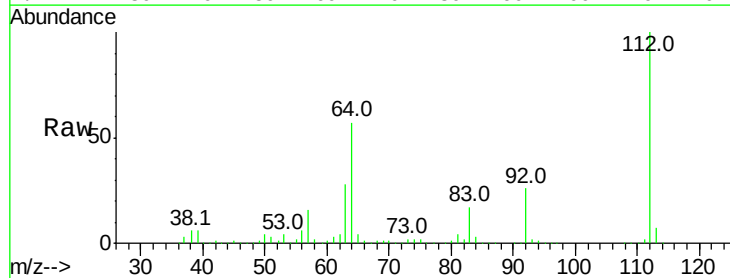
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



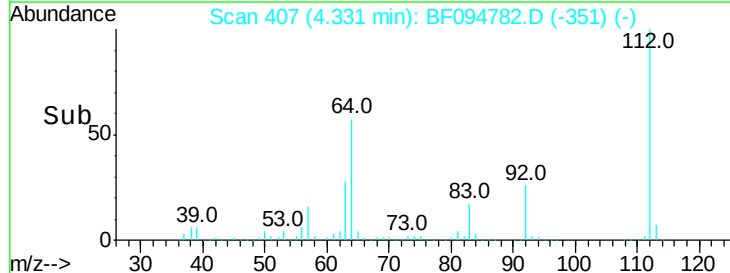
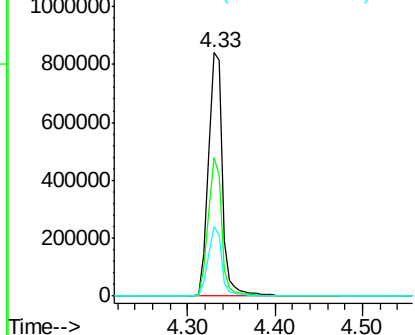
#5

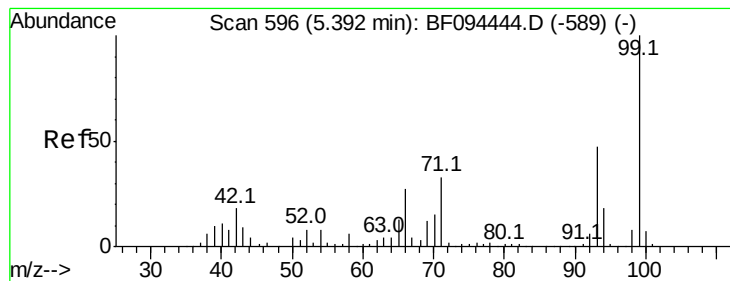
2-Fluorophenol
Concen: 149.61 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094782.D
Acq: 2 May 2017 6:51

Tgt Ion:112 Resp: 948506
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.4 23.4 35.0



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: 153.03 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

Instrument :

BNA_F

ClientSampleId :

OWS-W(5-5.5)

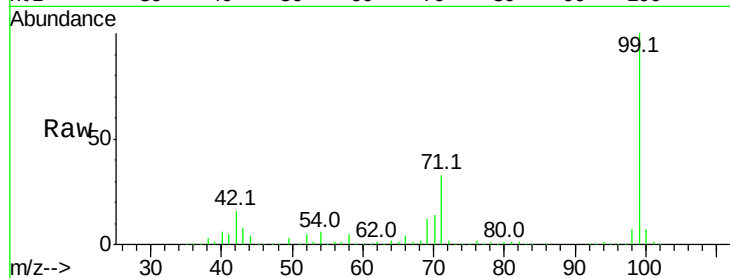
Tot Ion: 99 Resp: 1143820

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	32.6	24.5	36.7

99 100

42 15.9 13.5 20.3

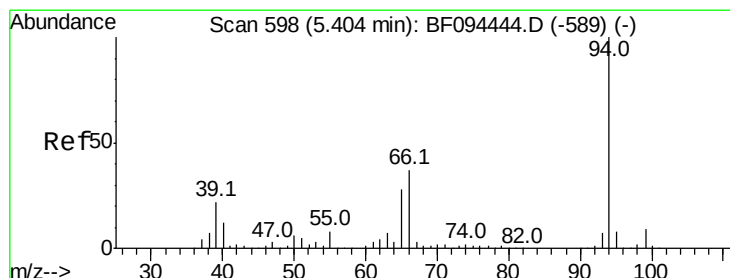
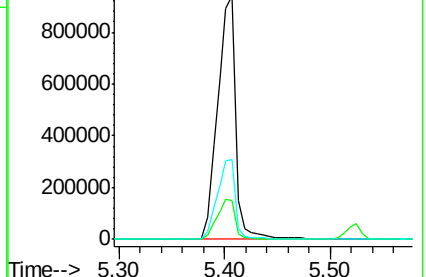
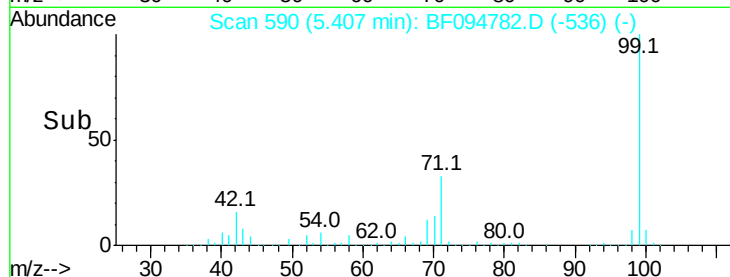
71 32.6 24.5 36.7



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



#10

Phenol

Concen: 3.23 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

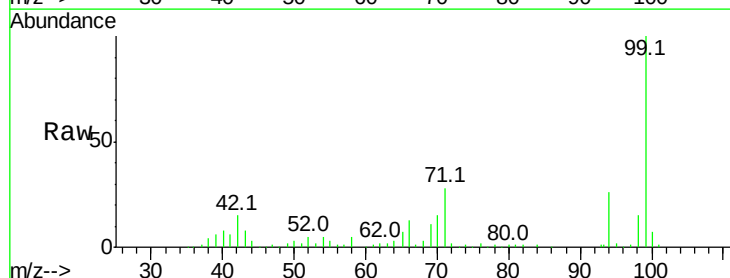
Tgt Ion: 94 Resp: 29679

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.9	49.9
66	47.6	23.1	63.1

94 100

65 28.1 9.9 49.9

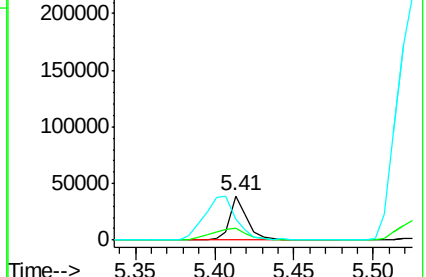
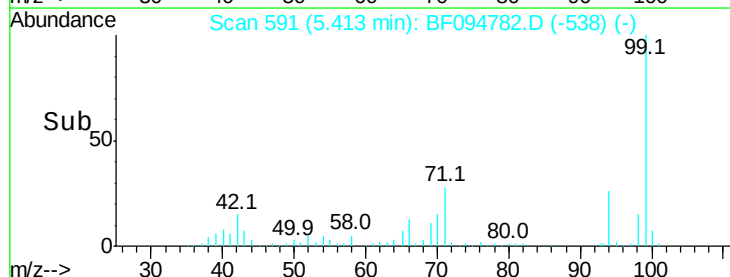
66 47.6 23.1 63.1

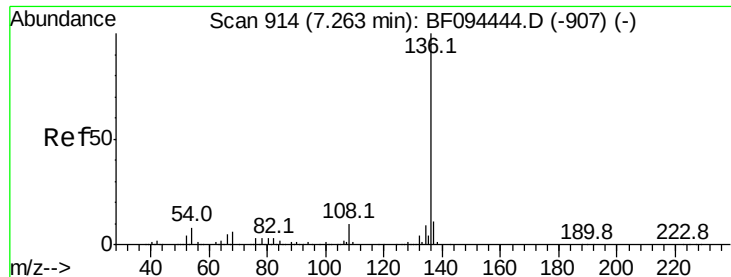


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

Instrument :

BNA_F

ClientSampleId :

OWS-W(5-5.5)

Tot Ion:136 Resp: 373351

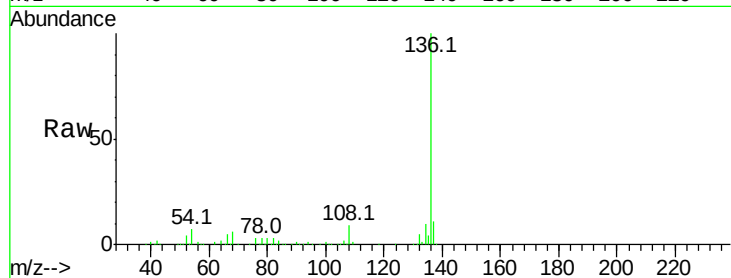
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

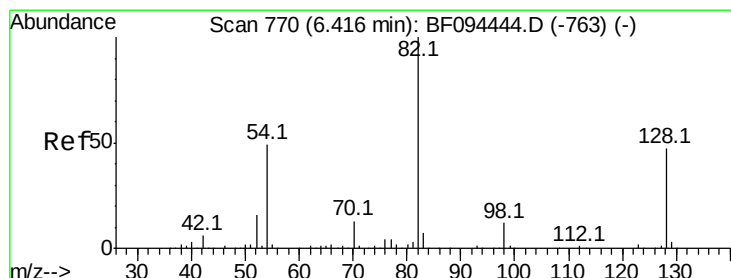
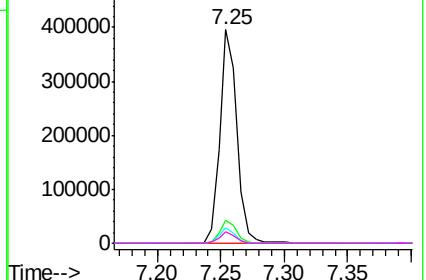
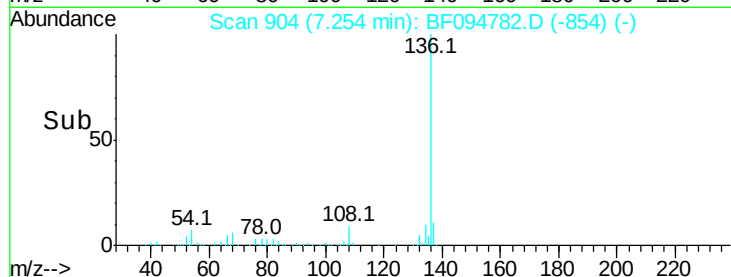


Abundance Ion 136.00 (135.70 to 136.70): E

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: 113.23 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

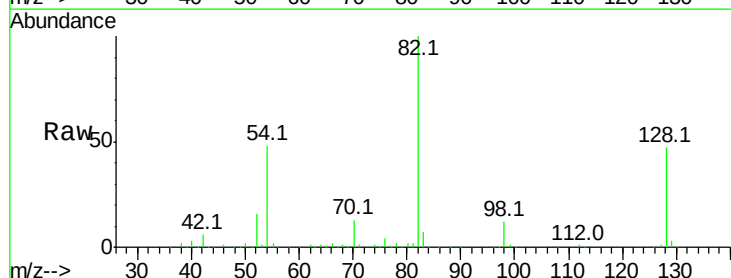
Tgt Ion: 82 Resp: 684640

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

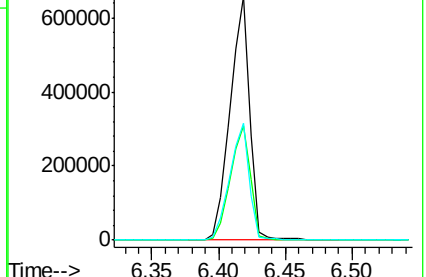
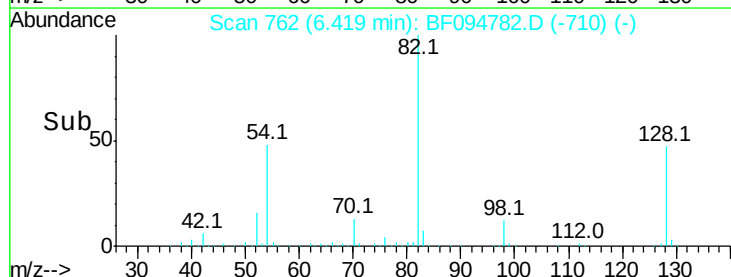
54 47.9 42.2 63.2

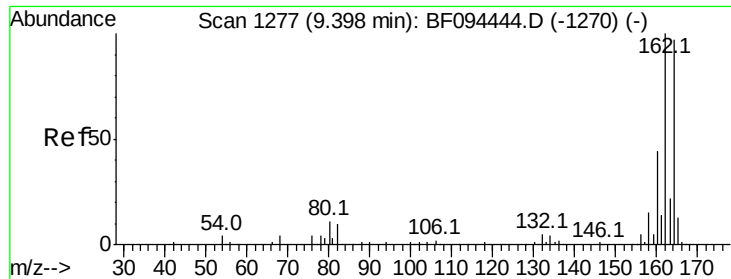


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

Instrument :

BNA_F

ClientSampleId :

OWS-W(5-5.5)

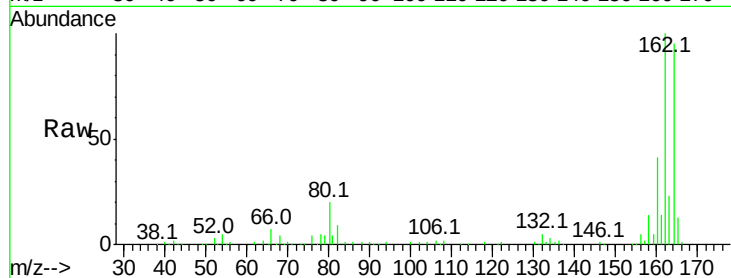
Tot Ion:164 Resp: 162544

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

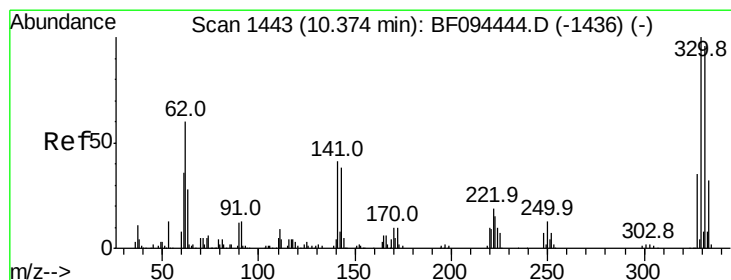
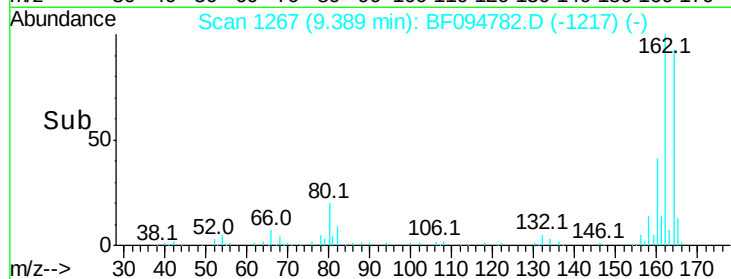
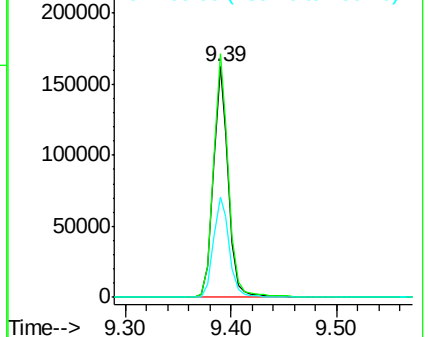
160 43.6 36.2 54.2



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: 133.72 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

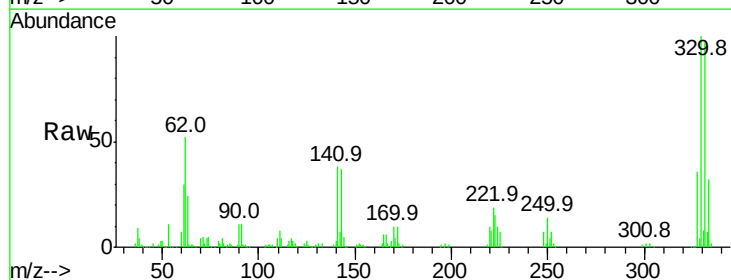
Tgt Ion:330 Resp: 170013

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

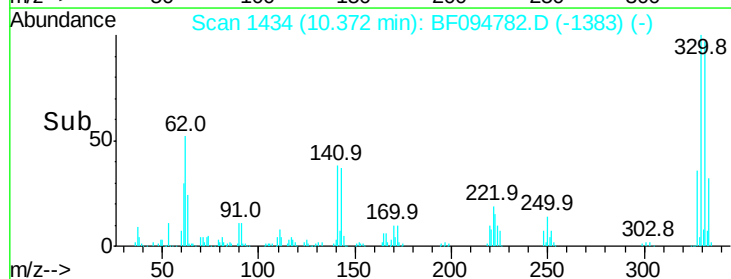
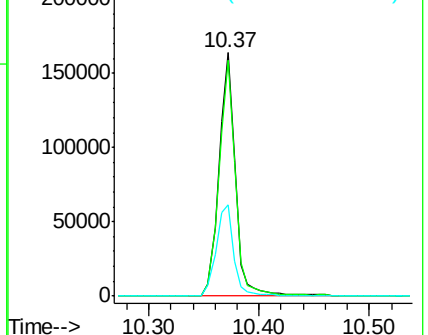
141 40.5 31.4 47.2

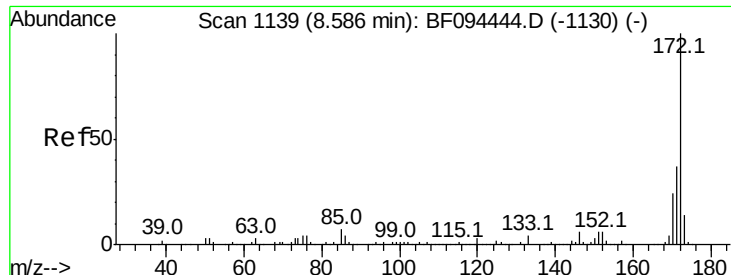


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

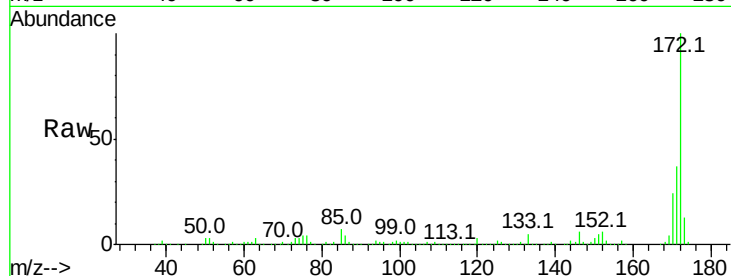




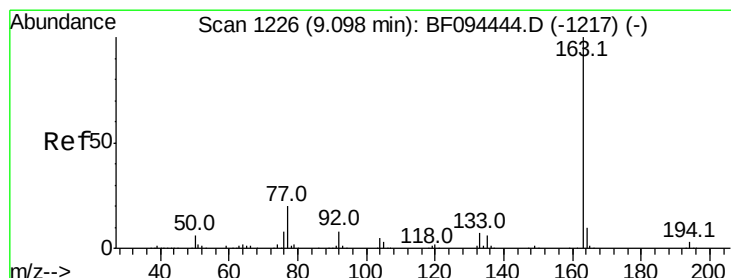
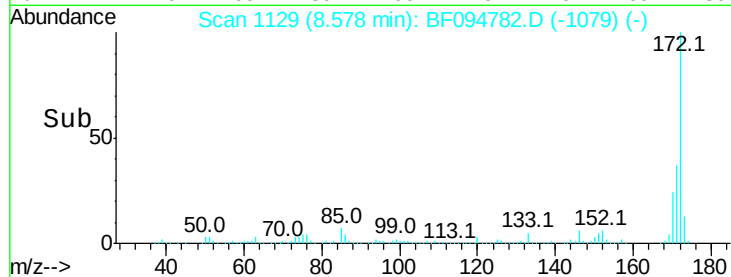
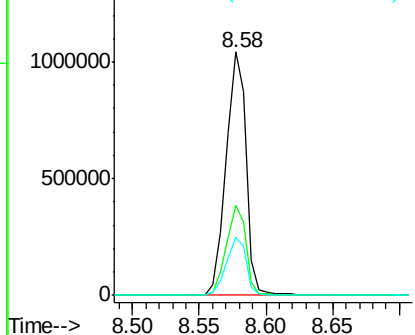
#44
2-Fluorobiphenyl
Concen: 100.89 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094782.D
Acq: 2 May 2017 6:51

Instrument :
BNA_F
ClientSampleId :
OWS-W(5-5.5)

Tot Ion:172 Resp: 1114608
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.6 19.8 29.8

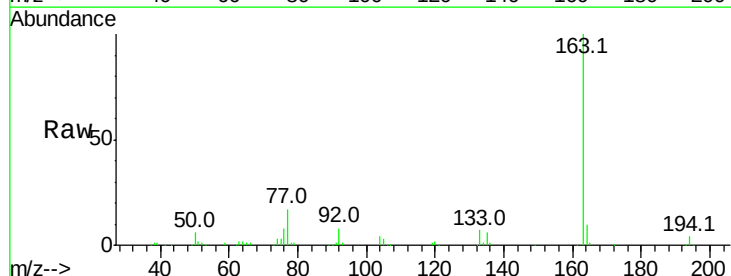


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

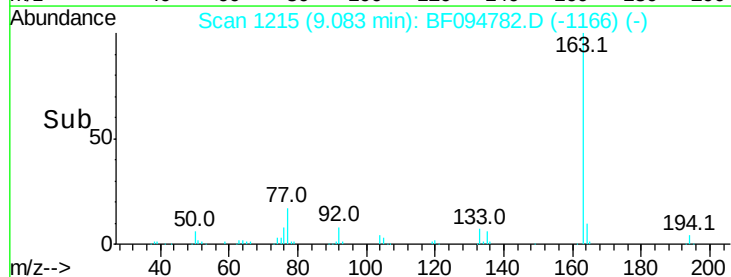
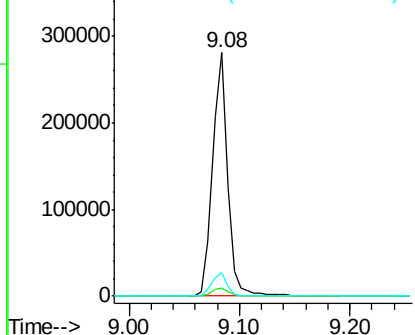


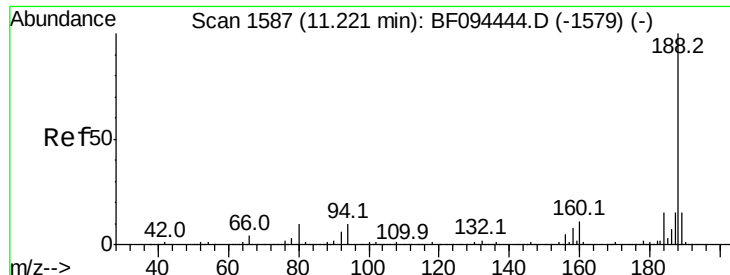
#49
Dimethylphthalate
Concen: 21.67 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094782.D
Acq: 2 May 2017 6:51

Tgt Ion:163 Resp: 262557
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6



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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

Instrument :

BNA_F

ClientSampleId :

OWS-W(5-5.5)

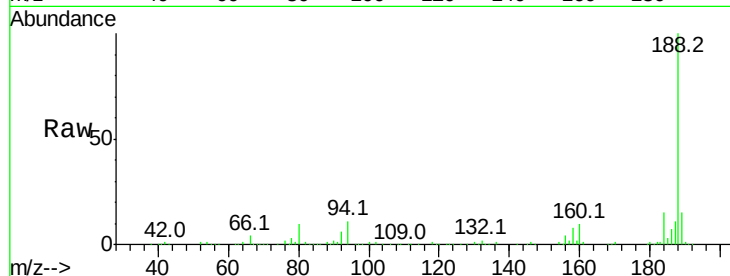
Tot Ion:188 Resp: 234647

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

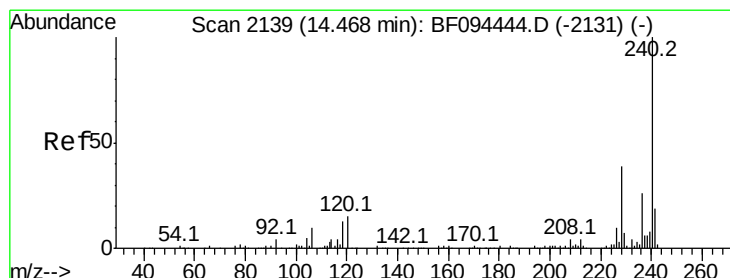
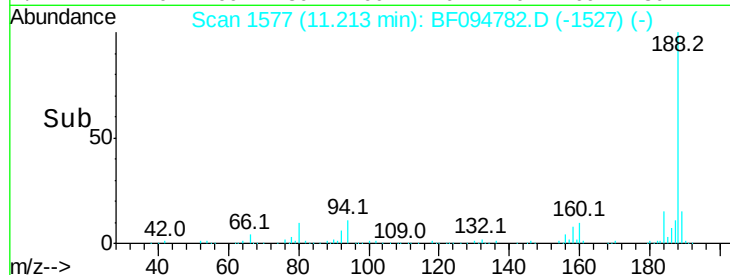
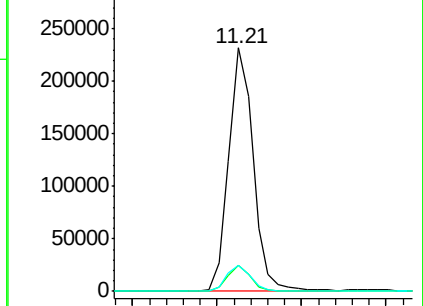
80 10.5 10.2 15.2



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094782.D

Acq: 2 May 2017 6:51

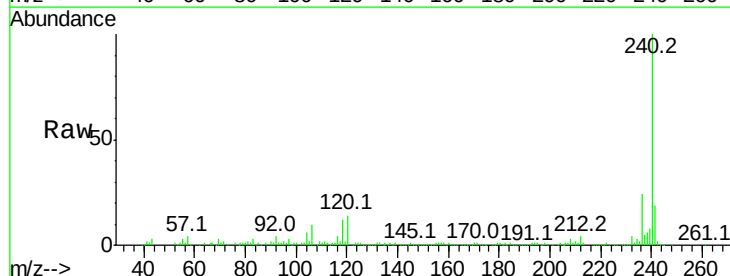
Tgt Ion:240 Resp: 201851

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

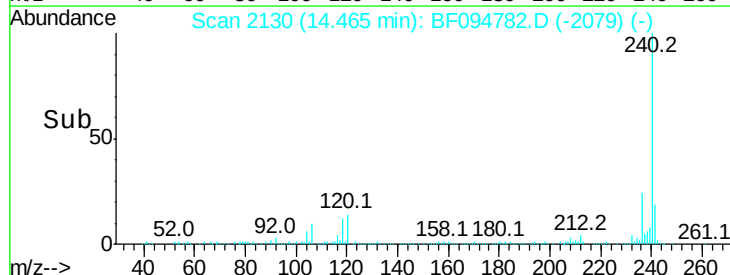
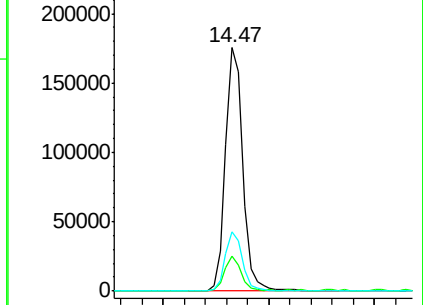
236 24.4 20.5 30.7

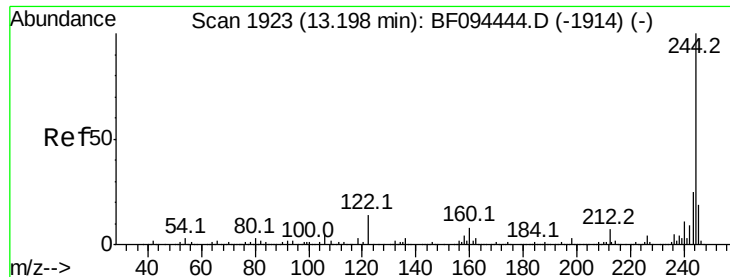


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

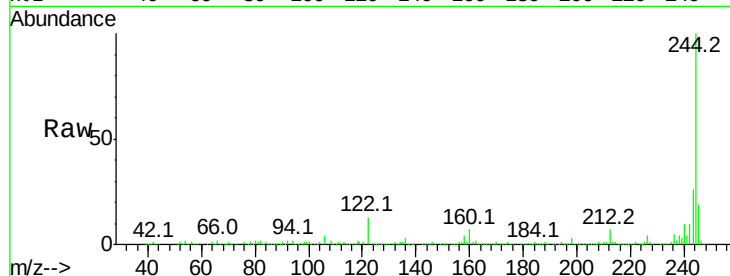




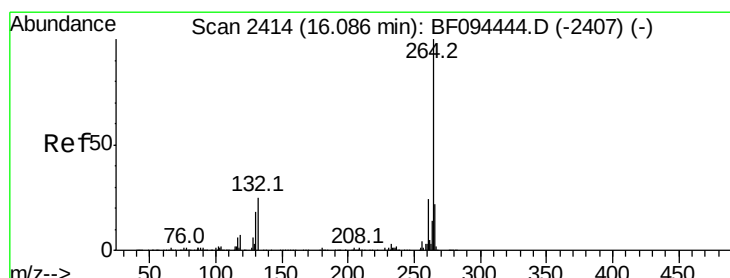
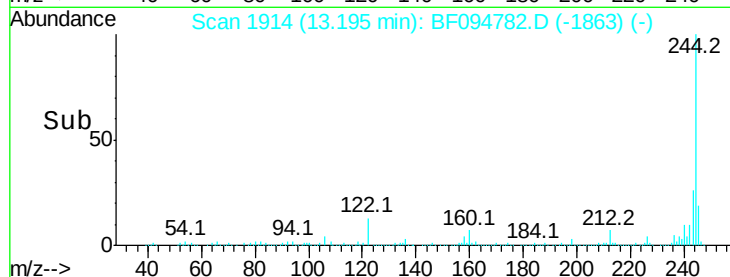
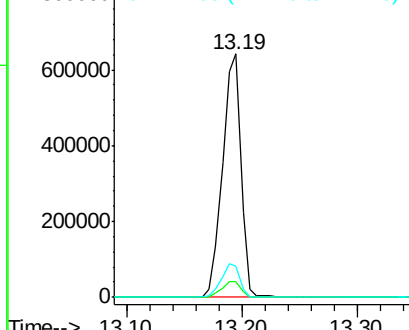
#78
 Terphenyl-d14
 Concen: 94.31 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094782.D
 Acq: 2 May 2017 6:51

Instrument :
 BNA_F
 ClientSampleId :
 OWS-W(5-5.5)

Tot Ion:244 Resp: 712192
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 12.7 10.3 15.5

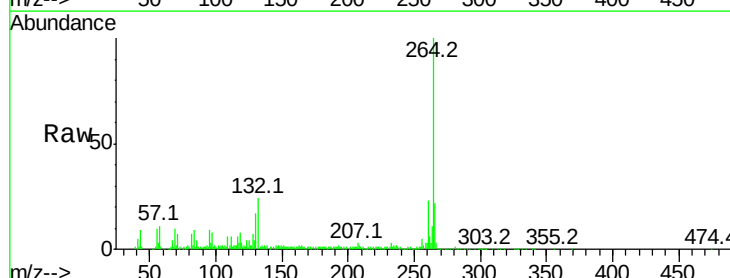


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094782.D
 Acq: 2 May 2017 6:51

Tgt Ion:264 Resp: 159163
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 21.7 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

