

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094787.D
 Acq On : 2 May 2017 9:07
 Operator : SJ/MA
 Sample : I2892-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: May 02 19:03:57 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

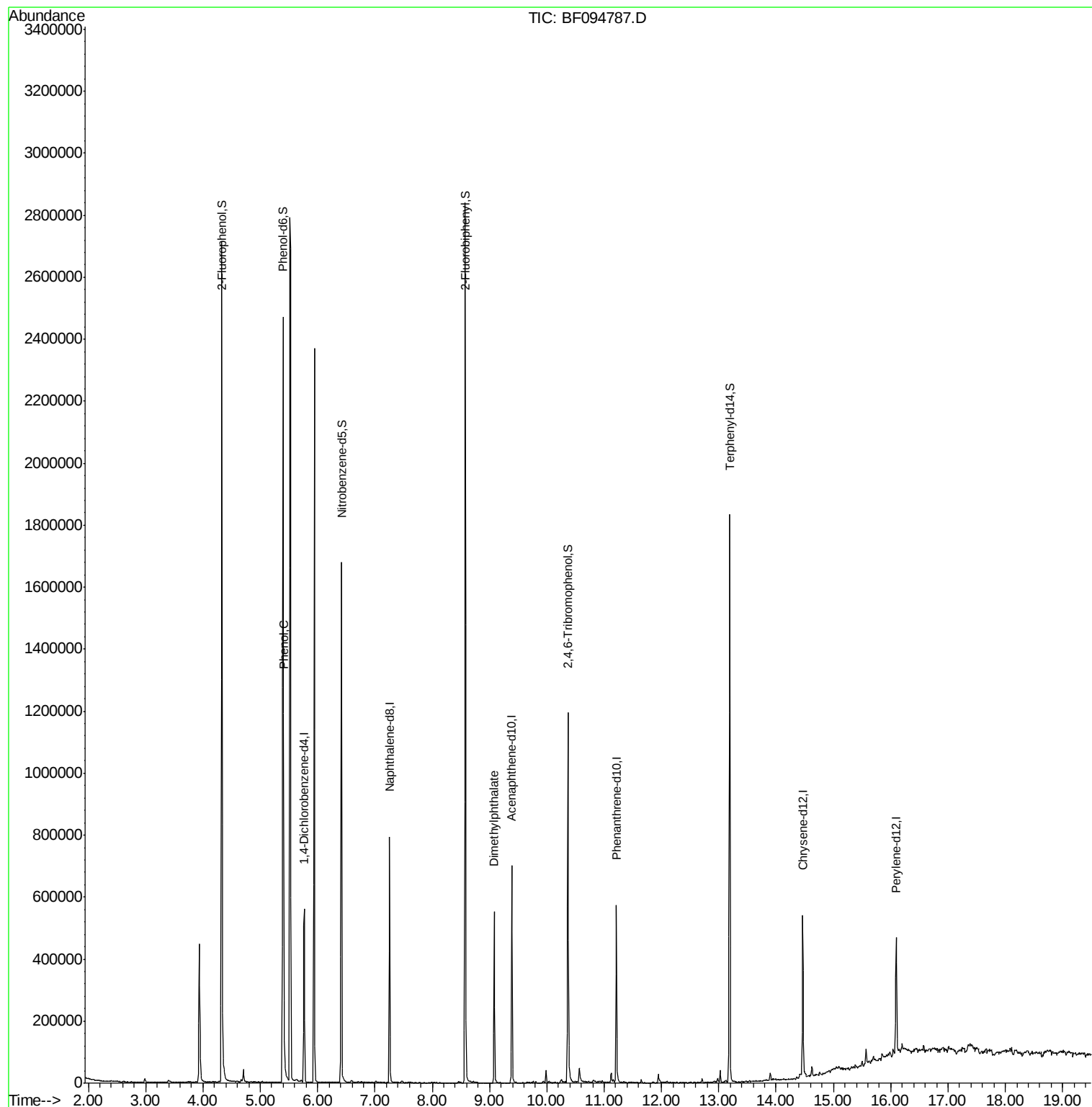
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	94154	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	381758	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	151875	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	233178	20.00	ng	0.00
75) Chrysene-d12	14.47	240	201301	20.00	ng	0.00
86) Perylene-d12	16.09	264	151118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	896730	158.01	ng	0.03
7) Phenol-d6	5.40	99	1061134	158.60	ng	0.00
23) Nitrobenzene-d5	6.42	82	638767	103.32	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	162450	136.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	990864	95.99	ng	0.00
78) Terphenyl-d14	13.19	244	673337	89.41	ng	0.00
Target Compounds						
10) Phenol	5.41	94	28884	3.51	ng	91
49) Dimethylphthalate	9.08	163	274825	24.28	ng	98

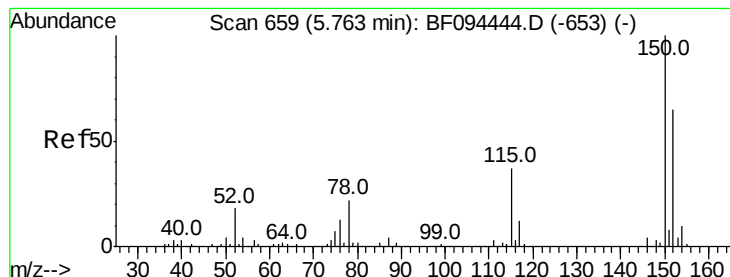
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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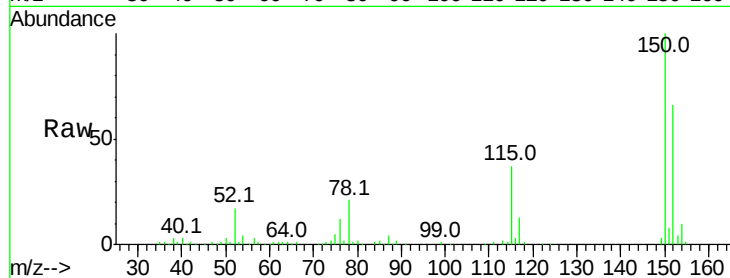


#1

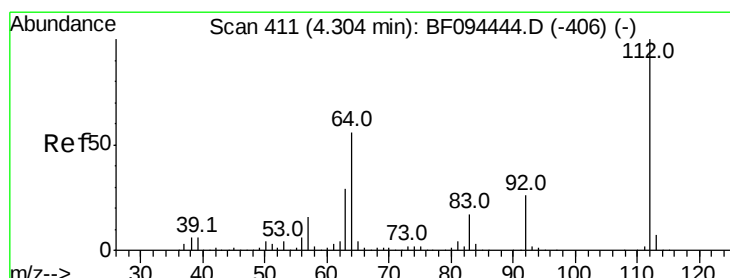
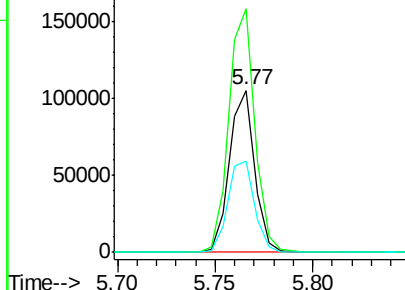
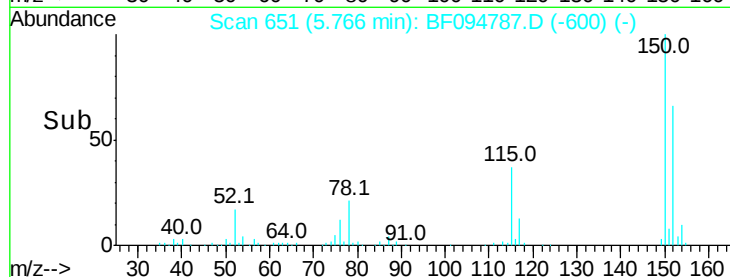
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094787.D
Acq: 2 May 2017 9:07

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

Tot Ion:152 Resp: 94154
Ion Ratio Lower Upper
152 100
150 150.5 126.2 189.2
115 56.3 52.2 78.2



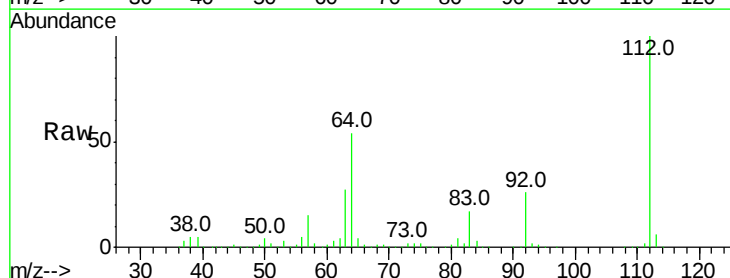
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



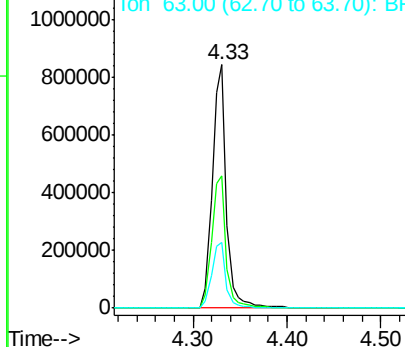
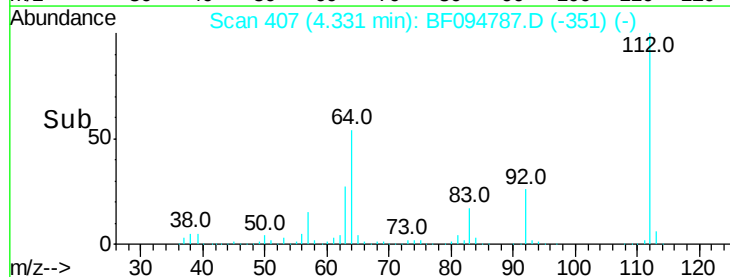
#5

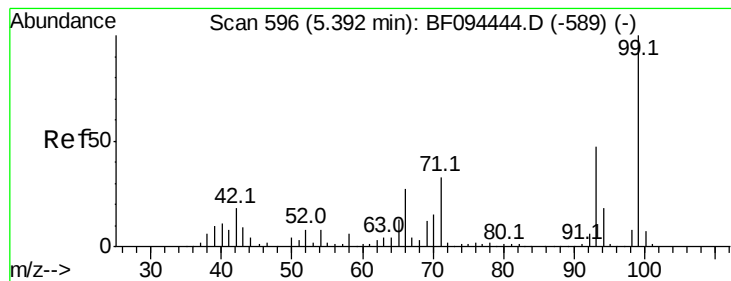
2-Fluorophenol
Concen: 158.01 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094787.D
Acq: 2 May 2017 9:07

Tgt Ion:112 Resp: 896730
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 27.2 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: 158.60 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

Instrument :

BNA_F

ClientSampleId :

OWS-N(5-5.5)

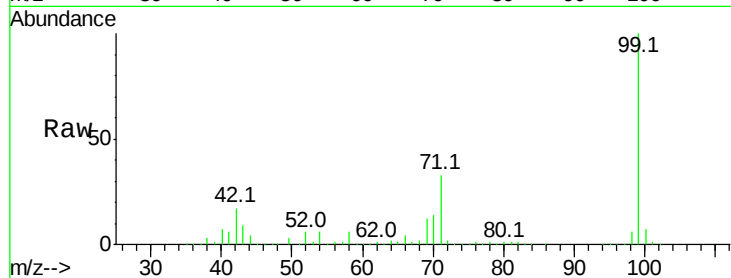
Tot Ion: 99 Resp: 1061134

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	33.3	24.5	36.7

99 100

42 16.8 13.5 20.3

71 33.3 24.5 36.7

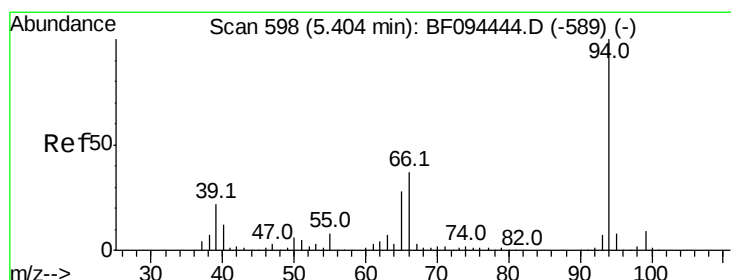
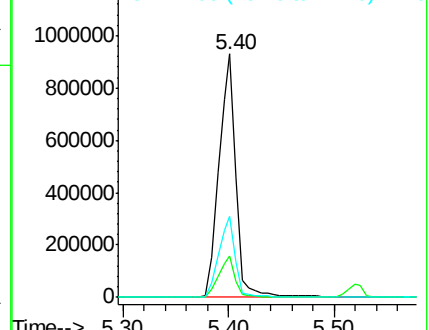
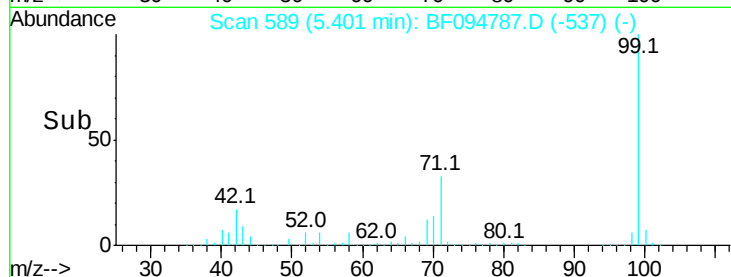


Abundance

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: 3.51 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

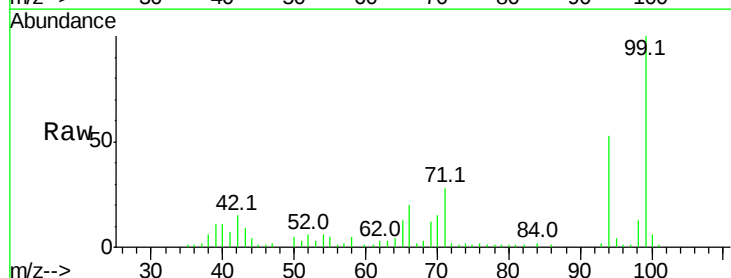
Tgt Ion: 94 Resp: 28884

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	37.9	23.1	63.1

94 100

65 24.7 9.9 49.9

66 37.9 23.1 63.1

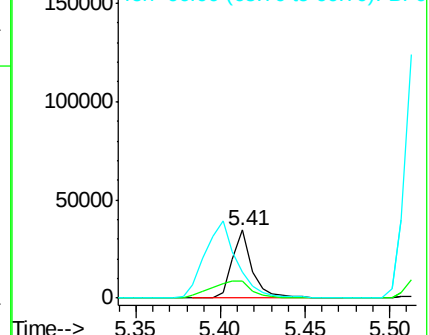
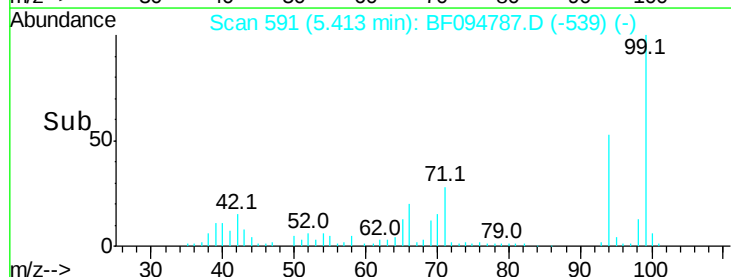


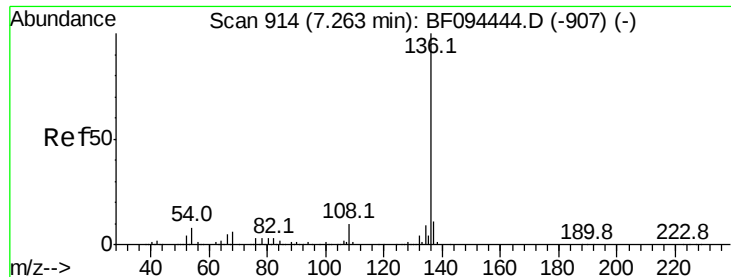
Abundance

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: BF094787.D

Acq: 2 May 2017 9:07

Instrument :

BNA_F

ClientSampleId :

OWS-N(5-5.5)

Tot Ion:136 Resp: 381758

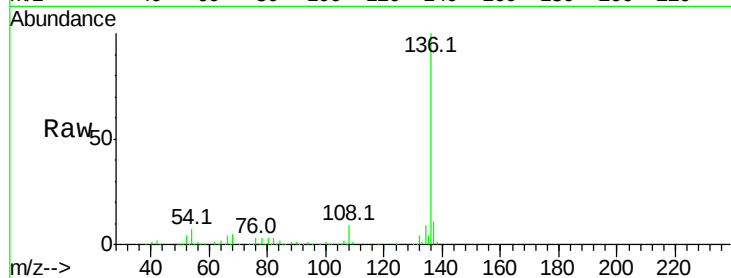
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

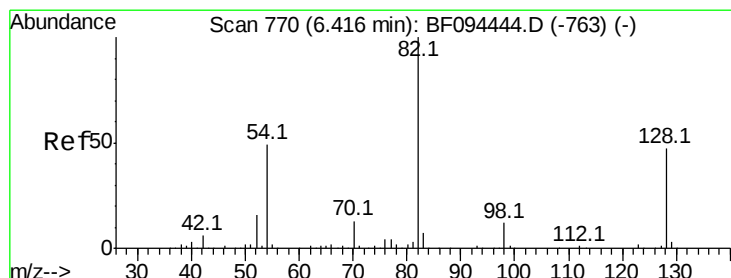
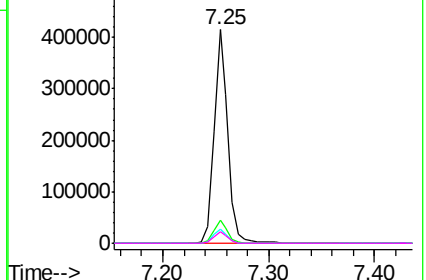
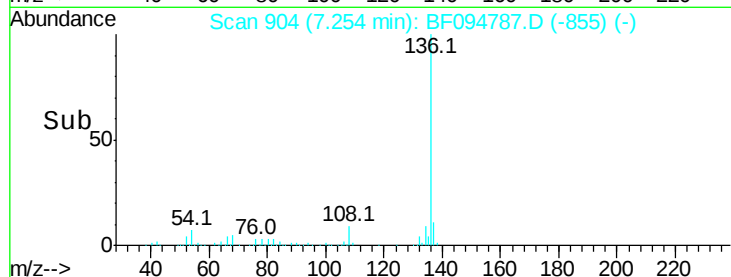


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.32 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

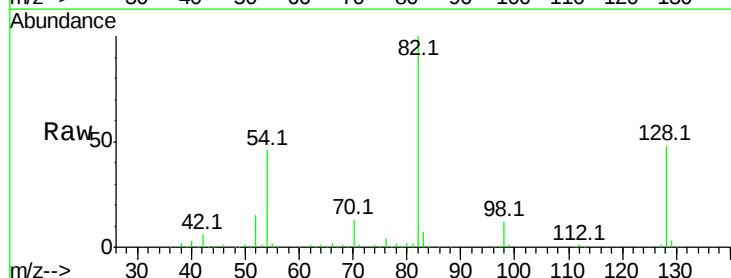
Tgt Ion: 82 Resp: 638767

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

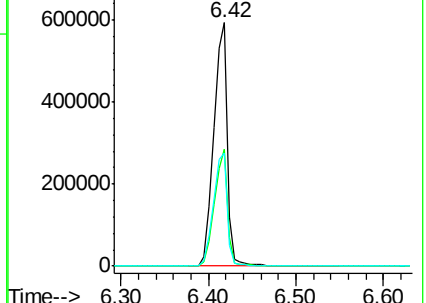
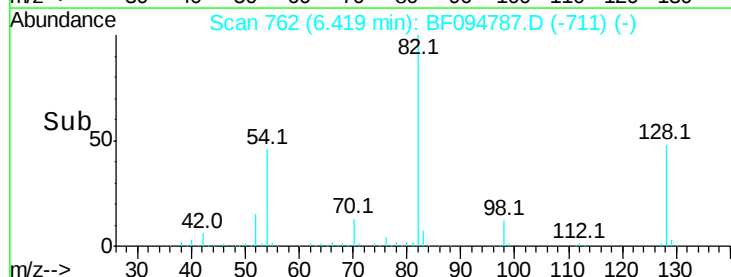
54 46.4 42.2 63.2

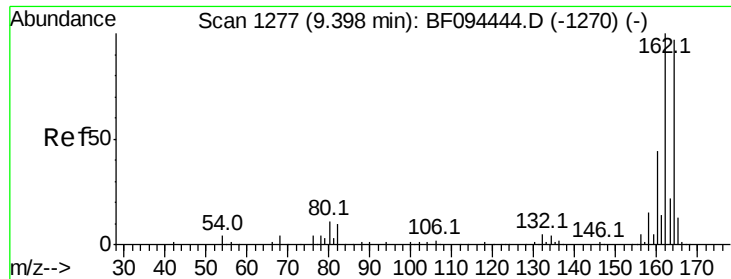


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094787.D

Acq: 2 May 2017 9:07

Instrument :

BNA_F

ClientSampleId :

OWS-N(5-5.5)

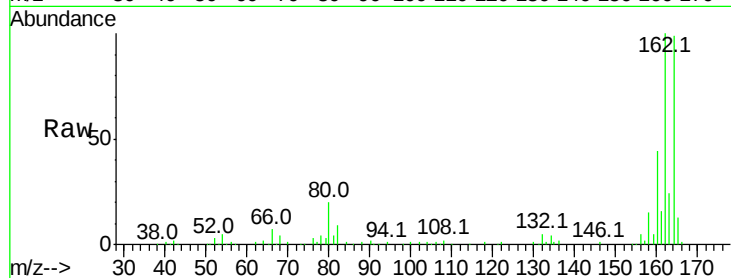
Tot Ion:164 Resp: 151875

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

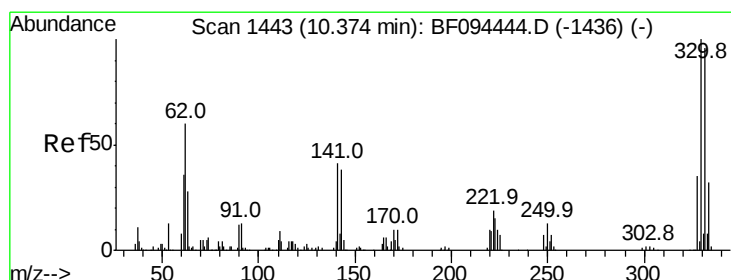
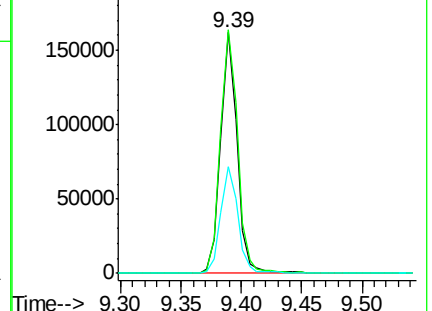
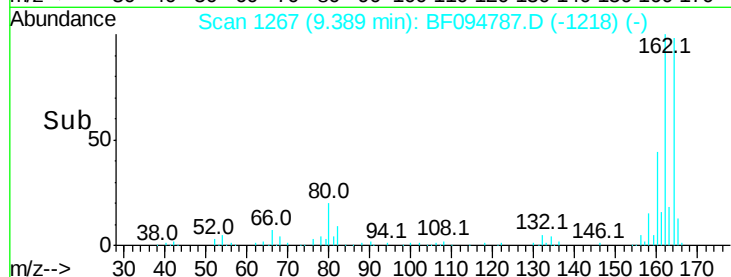
160 44.0 36.2 54.2



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: 136.75 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

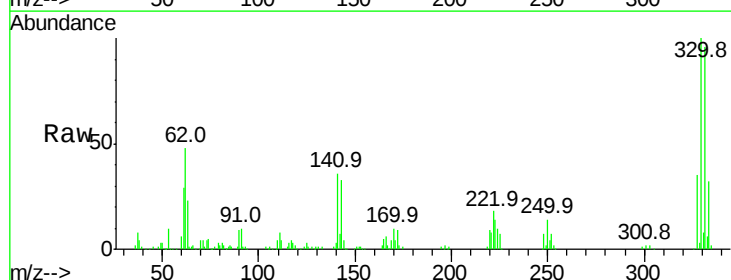
Tgt Ion:330 Resp: 162450

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

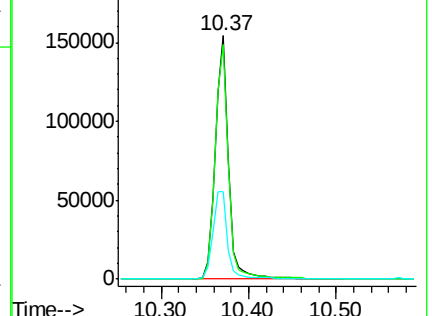
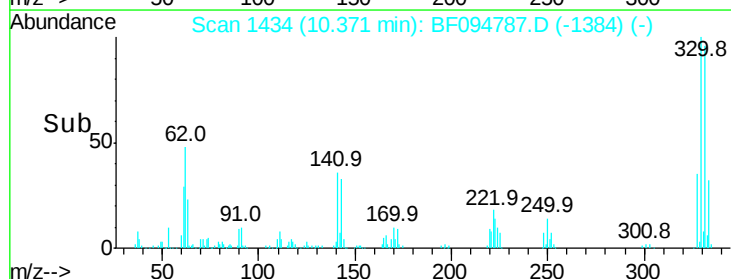
141 39.4 31.4 47.2

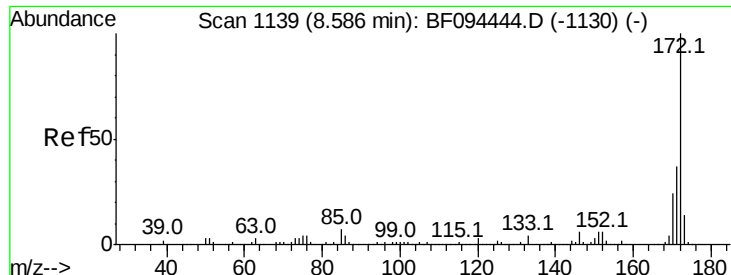


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

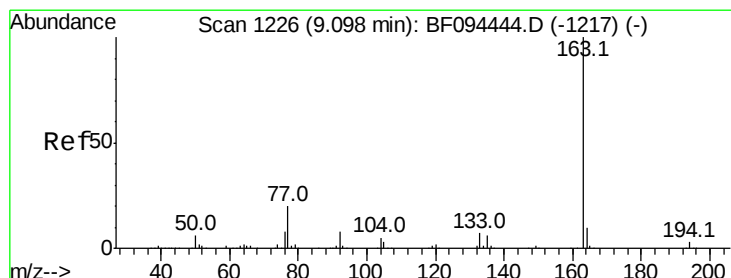
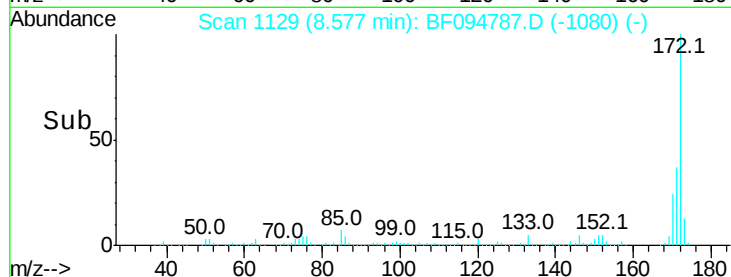
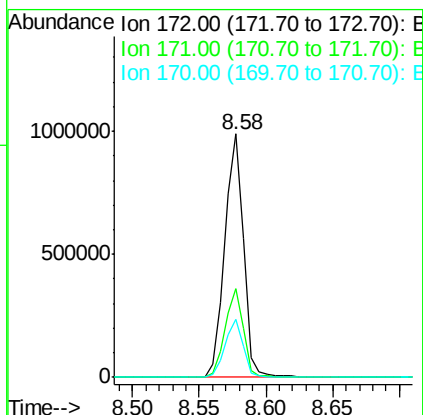
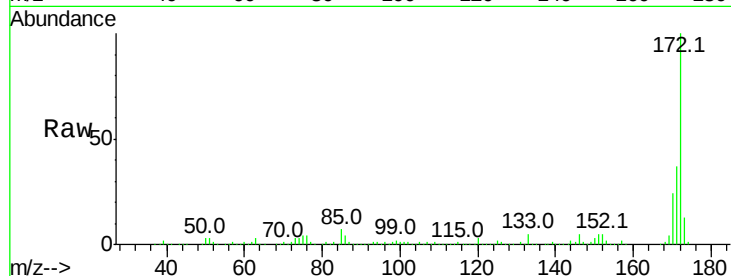




#44
2-Fluorobiphenyl
Concen: 95.99 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094787.D
Acq: 2 May 2017 9:07

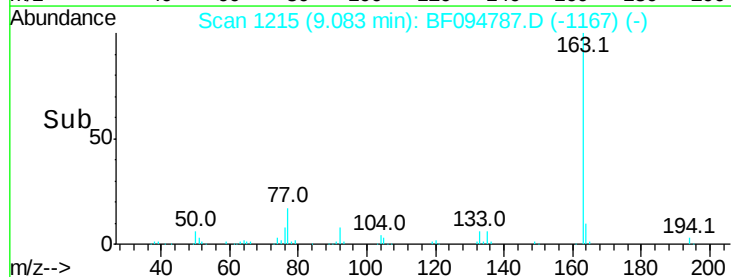
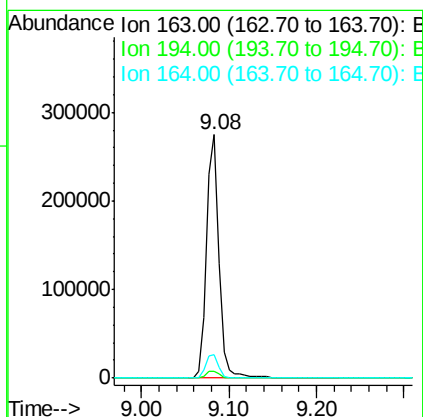
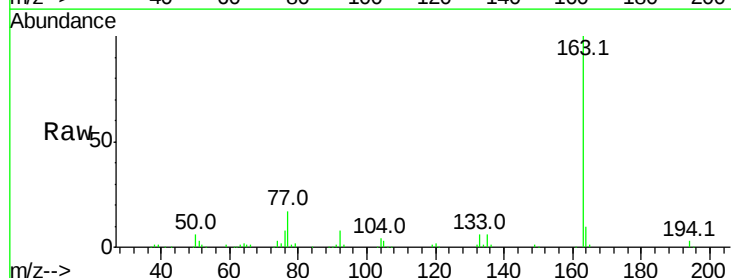
Instrument :
BNA_F
ClientSampleId :
OWS-N(5-5.5)

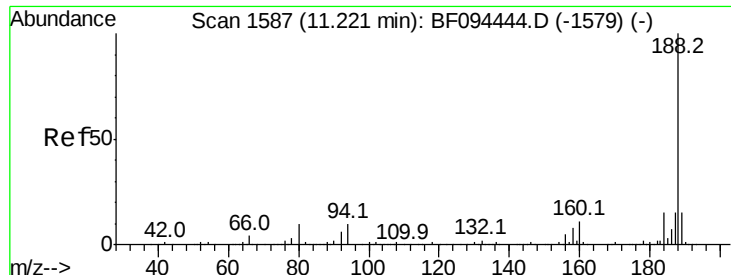
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.8	29.8



#49
Dimethylphthalate
Concen: 24.28 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094787.D
Acq: 2 May 2017 9:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

Instrument :

BNA_F

ClientSampleId :

OWS-N(5-5.5)

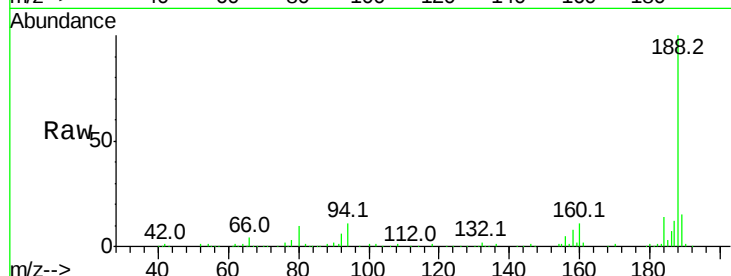
Tot Ion:188 Resp: 233178

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

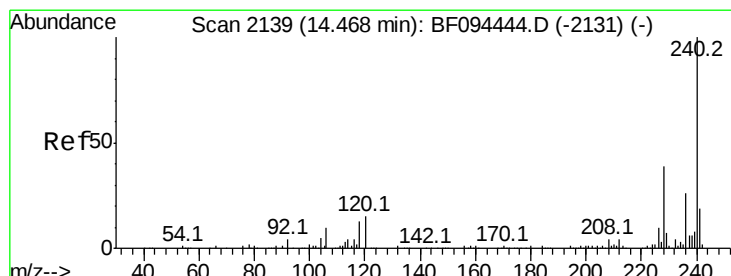
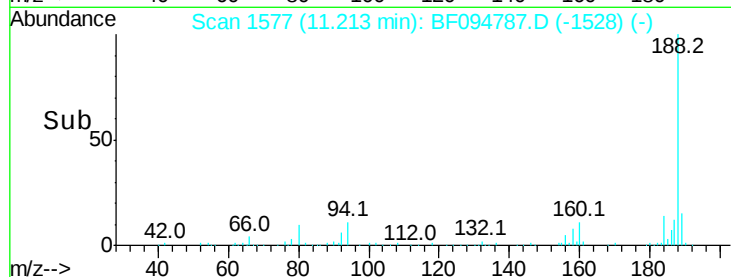
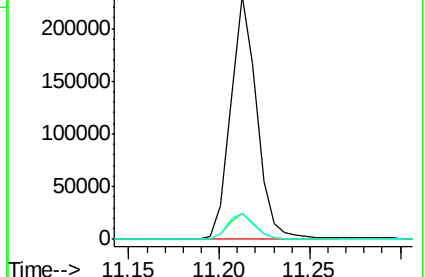
80 10.5 10.2 15.2



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: BF094787.D

Acq: 2 May 2017 9:07

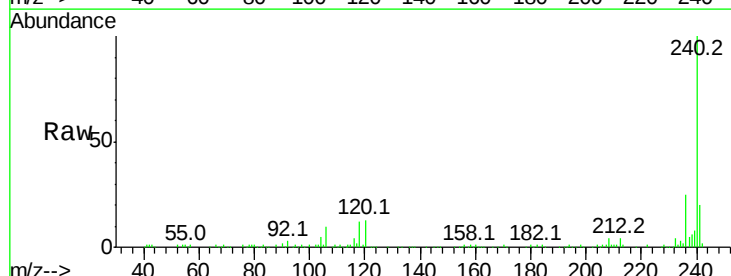
Tgt Ion:240 Resp: 201301

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

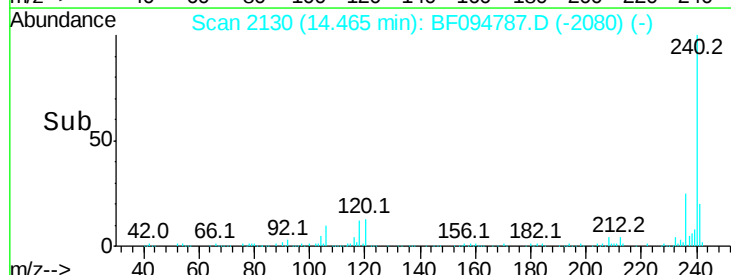
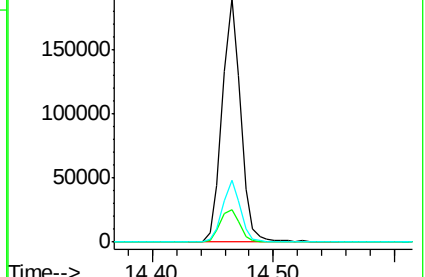
236 25.5 20.5 30.7

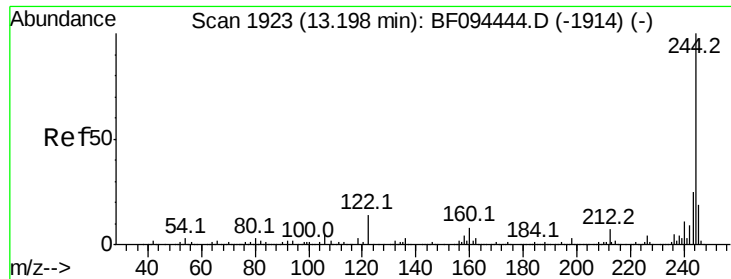


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.41 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094787.D

Acq: 2 May 2017 9:07

Instrument :

BNA_F

ClientSampleId :

OWS-N(5-5.5)

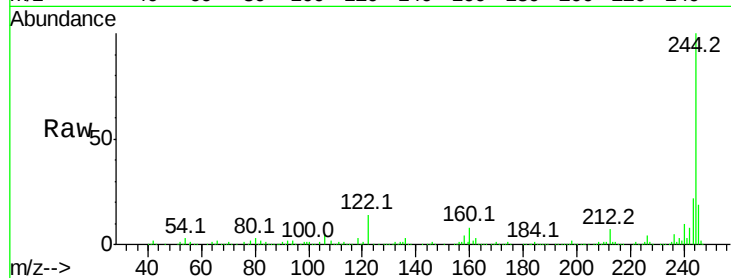
Tot Ion:244 Resp: 673337

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

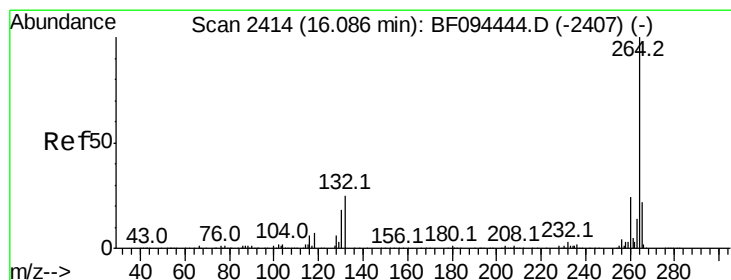
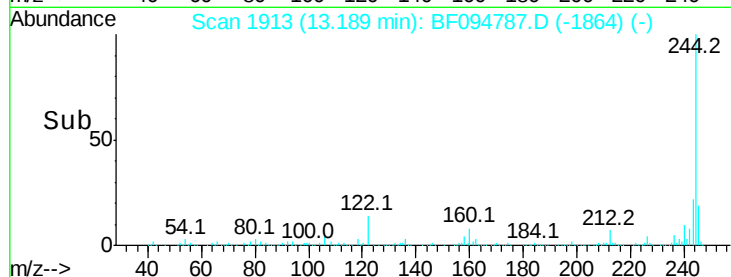
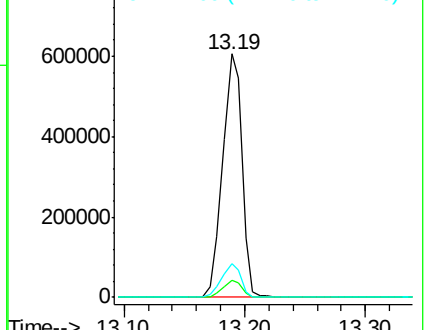
122 14.0 10.3 15.5



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: BF094787.D

Acq: 2 May 2017 9:07

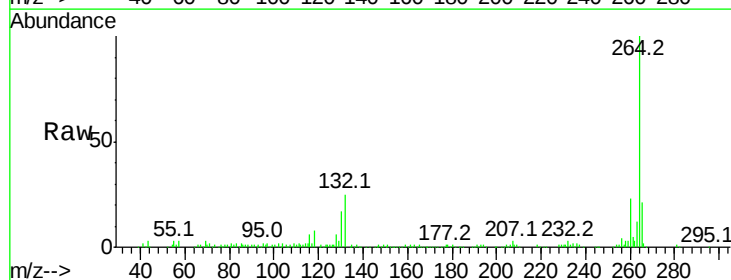
Tgt Ion:264 Resp: 151118

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.9 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

