

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094746.D
 Acq On : 1 May 2017 12:53
 Operator : SJ/MA
 Sample : I2912-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTHWALL-042717

Quant Time: May 01 15:42:41 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

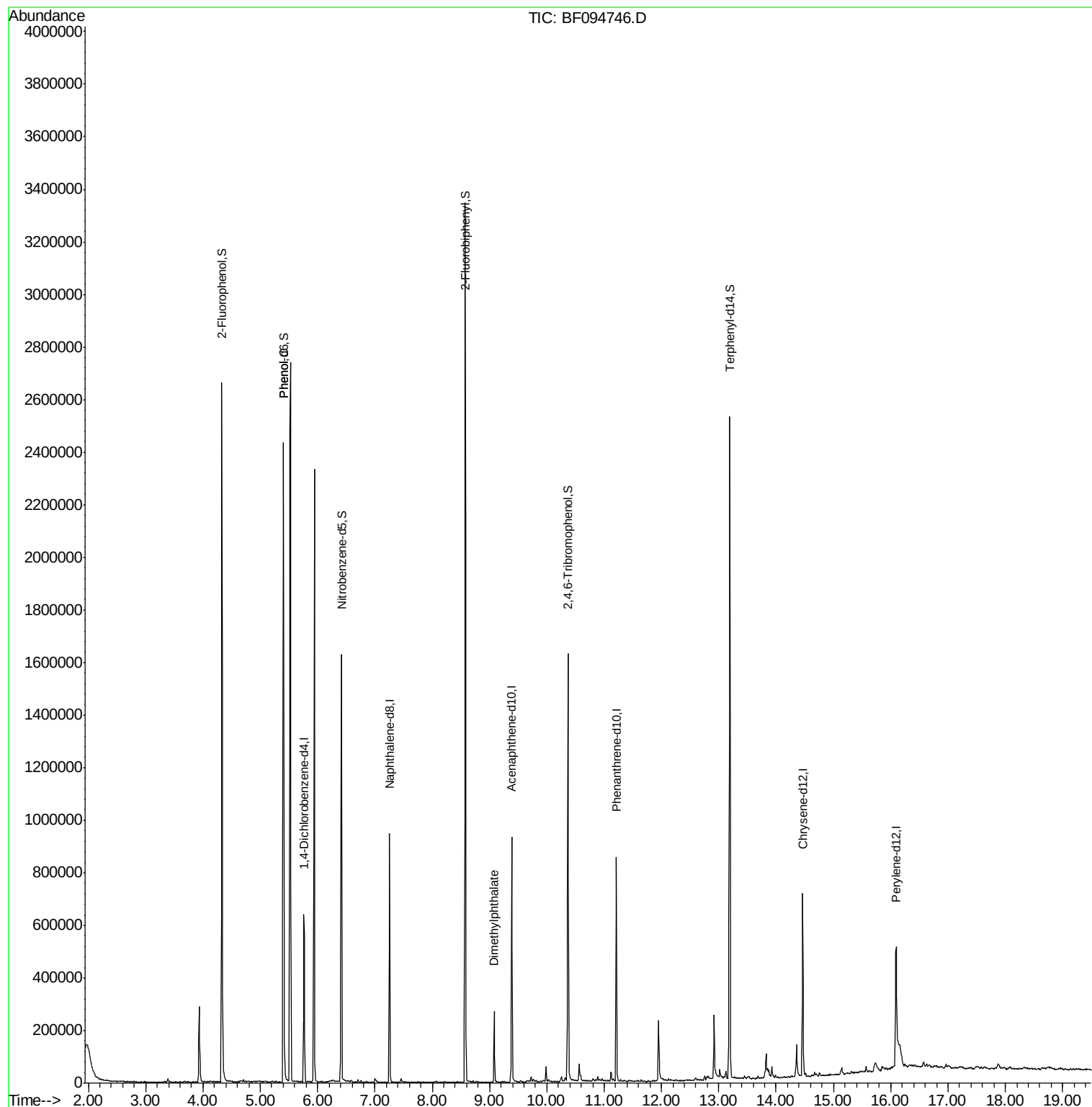
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	102300	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	433716	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	205952	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	336346	20.00	ng	0.00
75) Chrysene-d12	14.47	240	276502	20.00	ng	0.00
86) Perylene-d12	16.09	264	184515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	804278	130.43	ng	0.03
7) Phenol-d6	5.41	99	969589	133.38	ng	0.01
23) Nitrobenzene-d5	6.41	82	630814	89.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	203731	126.47	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1136766	81.21	ng	0.00
78) Terphenyl-d14	13.20	244	914909	88.44	ng	0.00
Target Compounds						
10) Phenol	5.41	94	20371	2.28	ng	Qvalue # 80
49) Dimethylphthalate	9.08	163	126923	8.27	ng	100

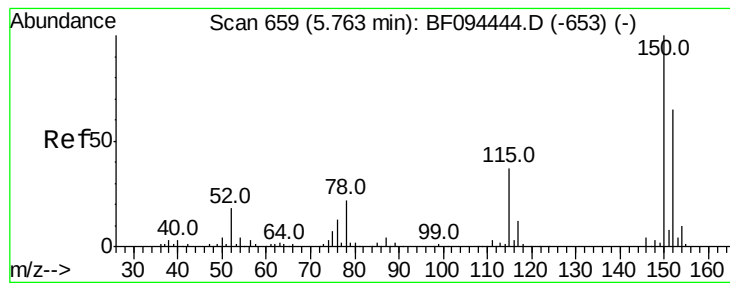
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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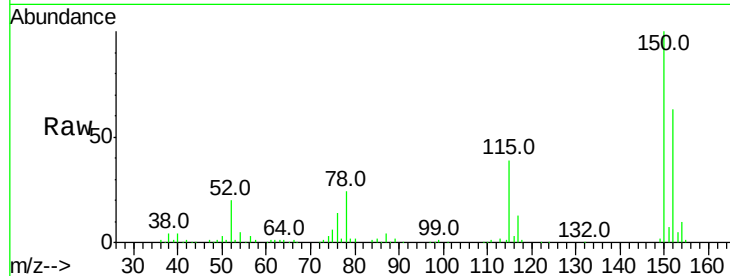


#1

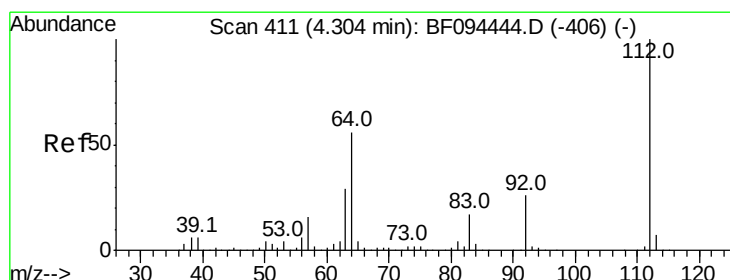
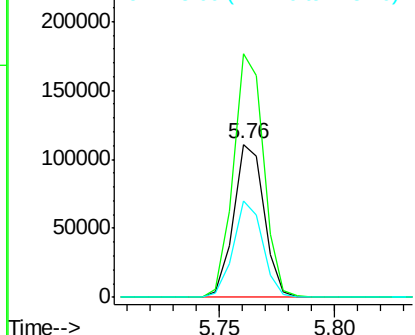
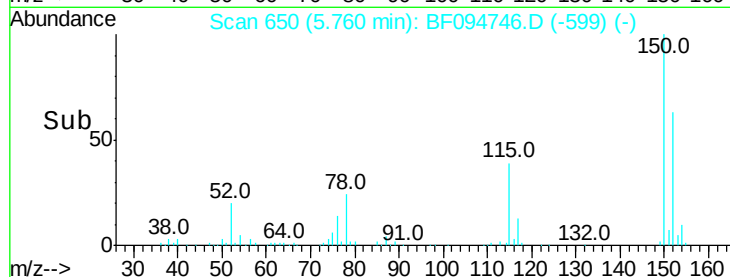
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Instrument :
BNA_F
ClientSampleId :
NORTHWALL-042717

Tot Ion:152 Resp: 102300
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 62.9 52.2 78.2



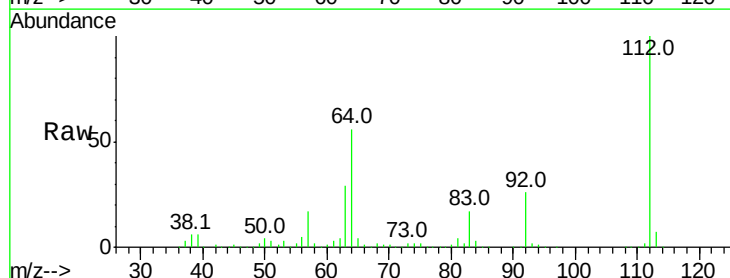
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



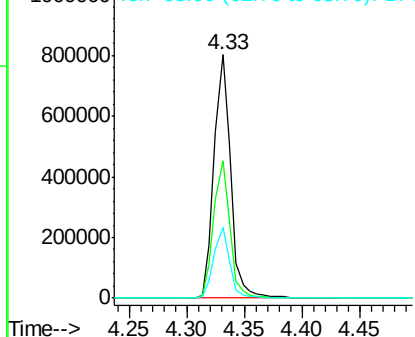
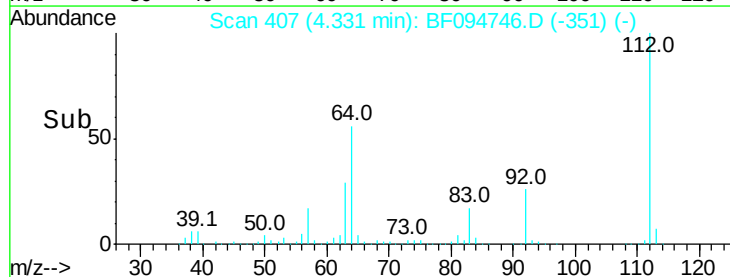
#5

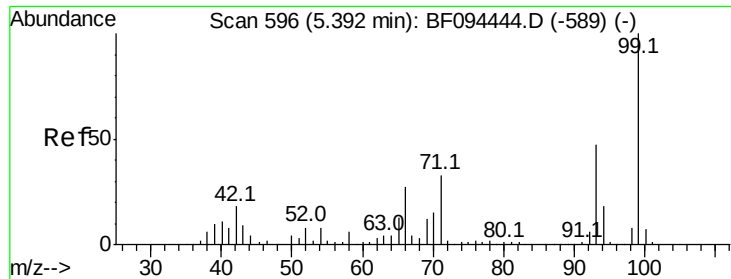
2-Fluorophenol
Concen: 130.43 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion:112 Resp: 804278
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 29.0 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: 133.38 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-042717

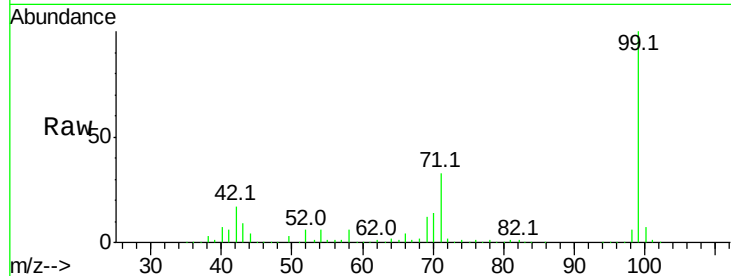
Tot Ion: 99 Resp: 969589

Ion Ratio Lower Upper

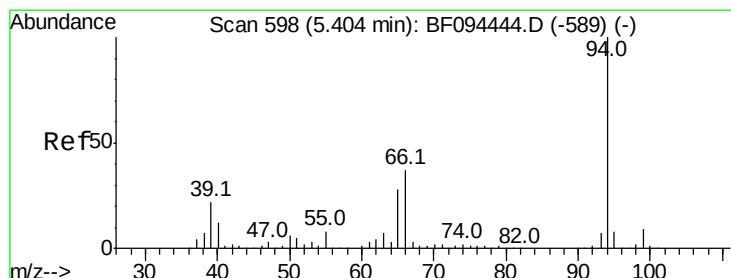
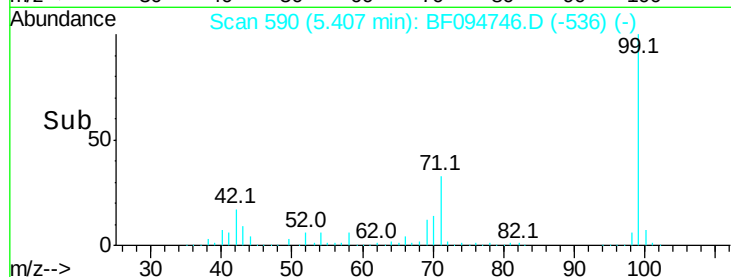
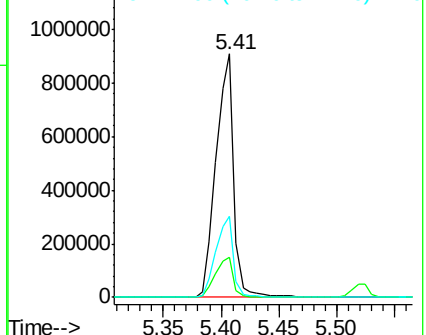
99 100

42 16.7 13.5 20.3

71 33.4 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: 2.28 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

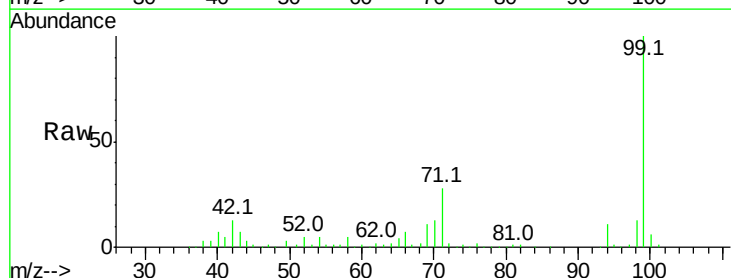
Tgt Ion: 94 Resp: 20371

Ion Ratio Lower Upper

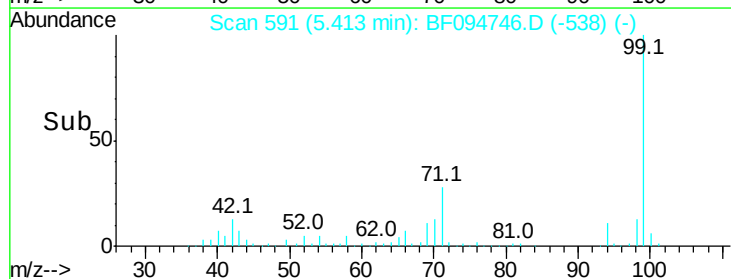
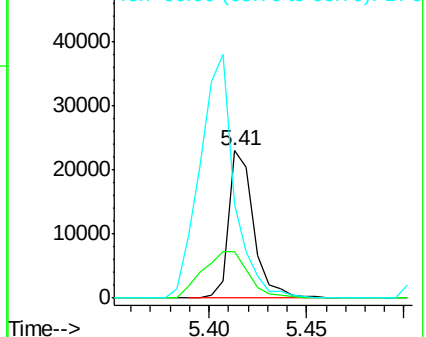
94 100

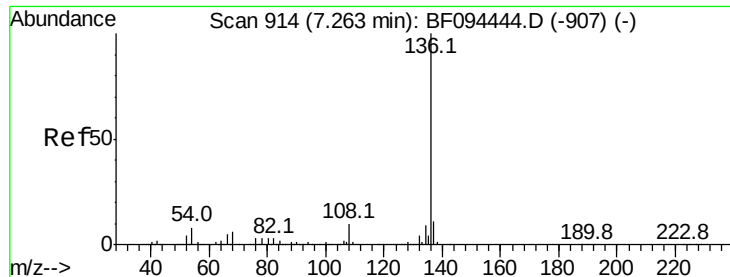
65 31.7 9.9 49.9

66 63.7 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: BF094746.D

Acq: 1 May 2017 12:53

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-042717

Tot Ion:136 Resp: 433716

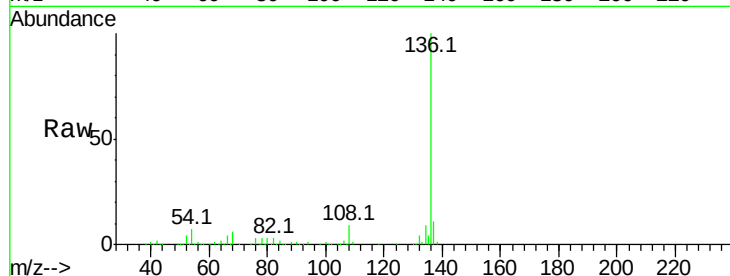
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

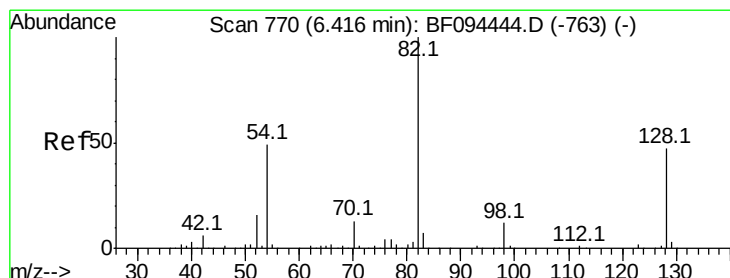
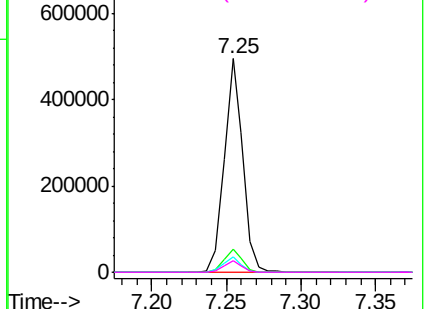
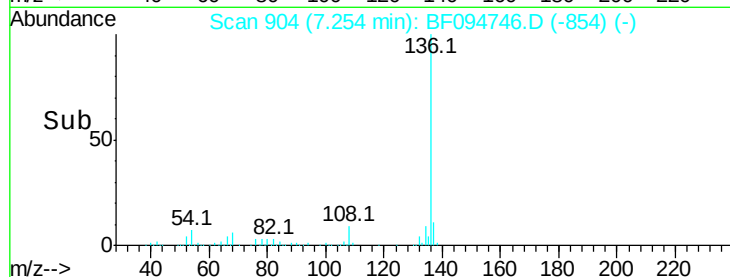


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.81 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

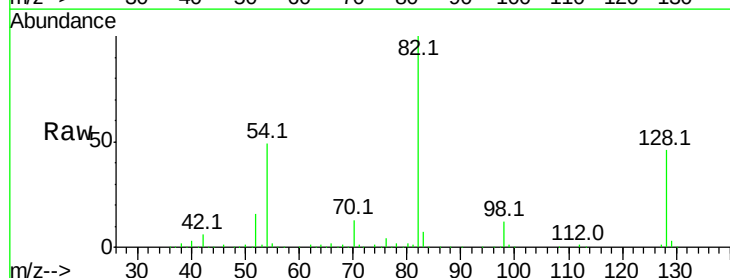
Tgt Ion: 82 Resp: 630814

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

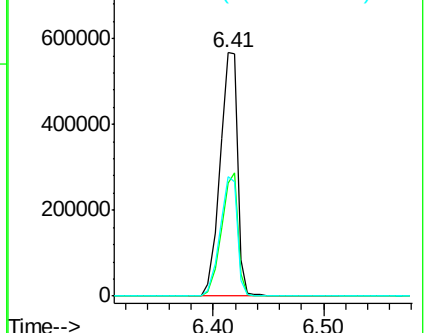
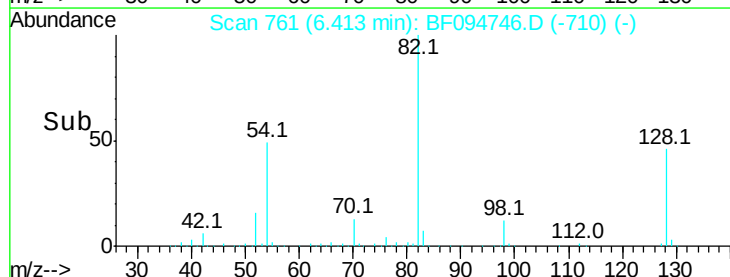
54 49.0 42.2 63.2

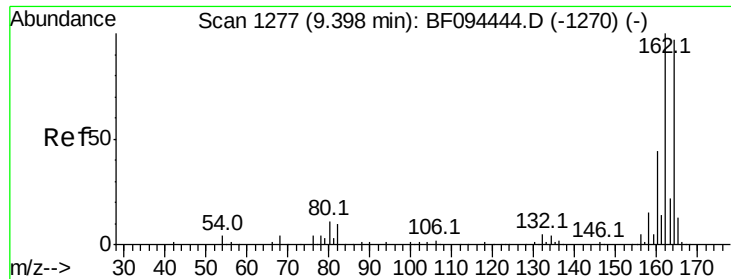


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094746.D

Acq: 1 May 2017 12:53

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-042717

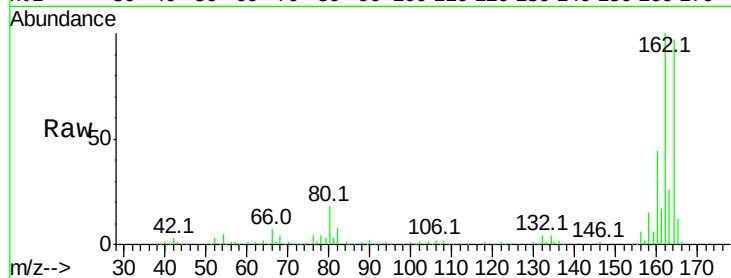
Tot Ion:164 Resp: 205952

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

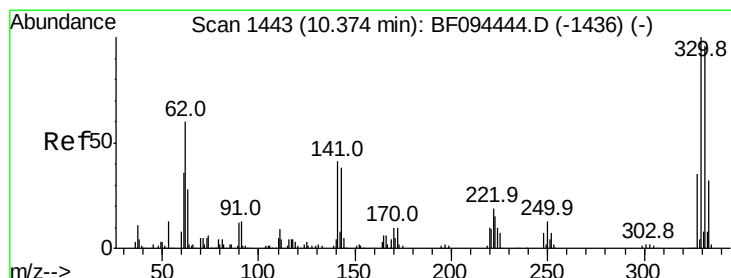
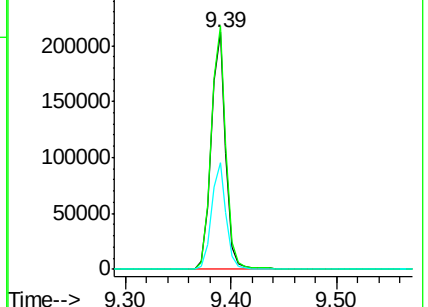
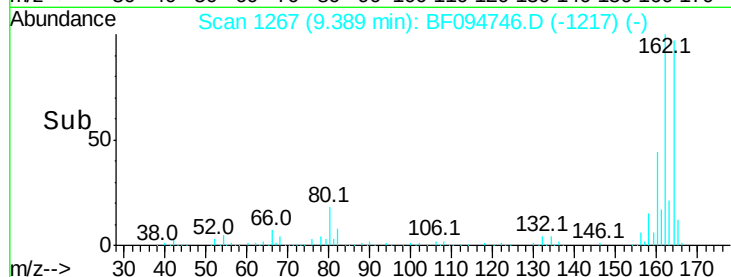
160 44.8 36.2 54.2



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: 126.47 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

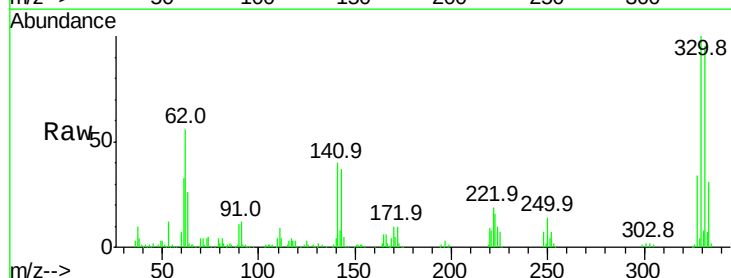
Tgt Ion:330 Resp: 203731

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

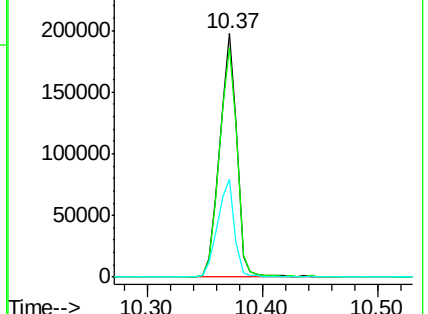
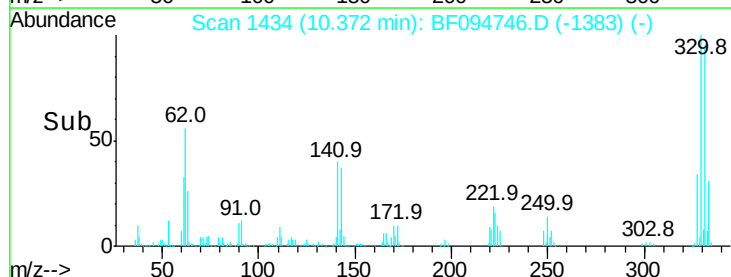
141 39.4 31.4 47.2

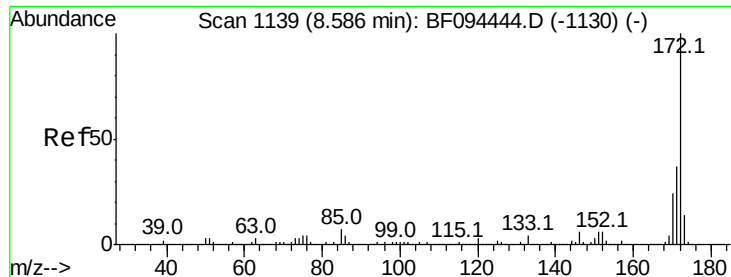


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



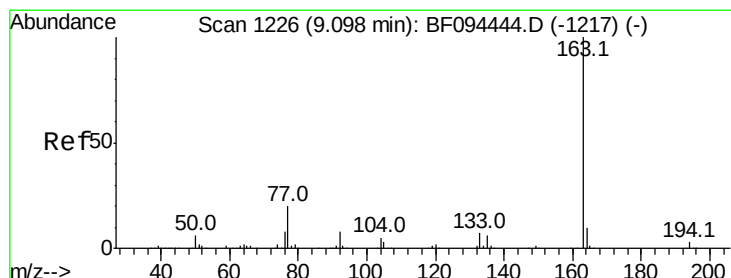
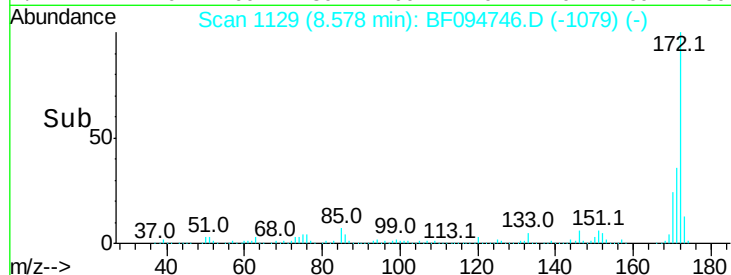
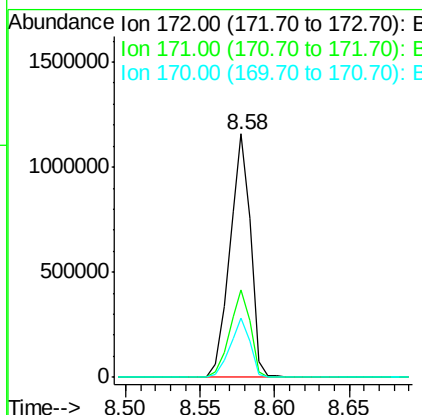
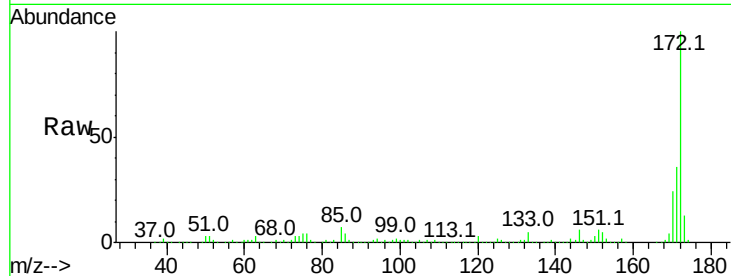


#44
2-Fluorobiphenyl
Concen: 81.21 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Instrument :
BNA_F
ClientSampleId :
NORTHWALL-042717

Tot Ion:172 Resp: 1136766

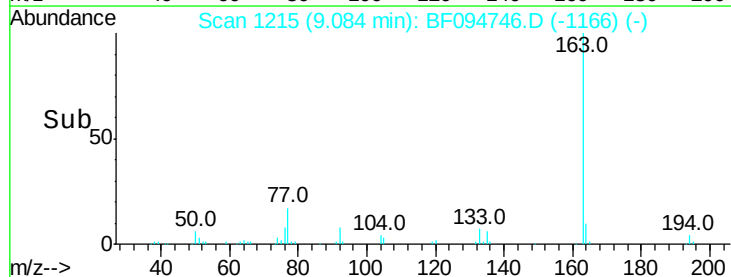
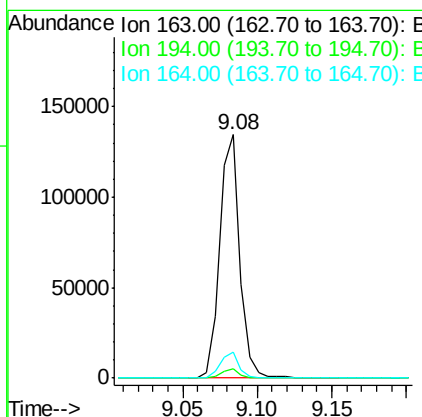
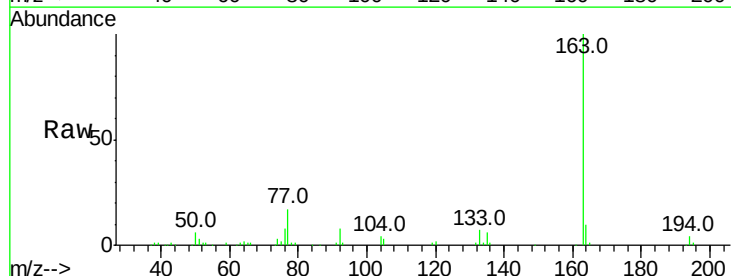
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8

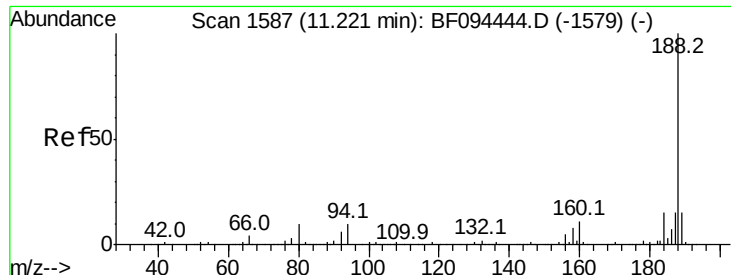


#49
Dimethylphthalate
Concen: 8.27 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion:163 Resp: 126923

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	8.4	12.6

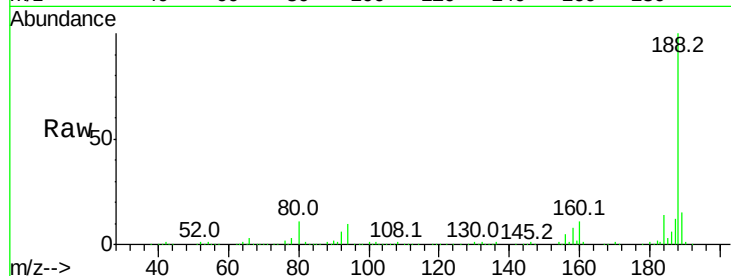




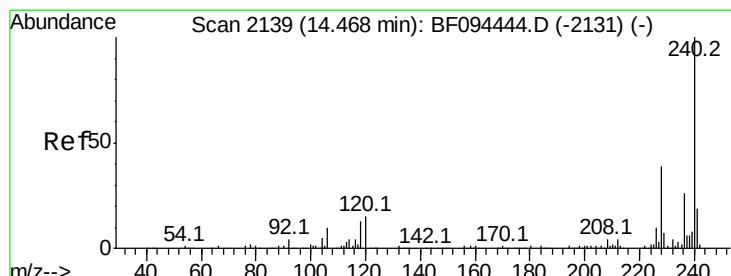
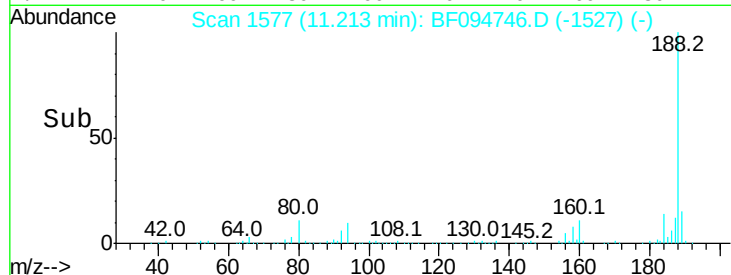
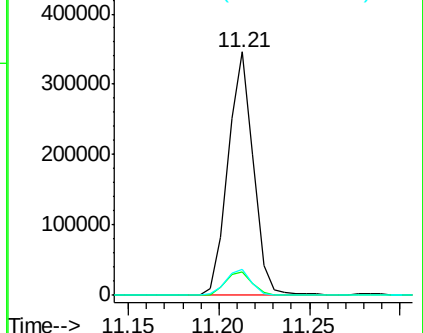
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Instrument :
BNA_F
ClientSampleId :
NORTHWALL-042717

Tot Ion:188 Resp: 336346
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.9 10.2 15.2

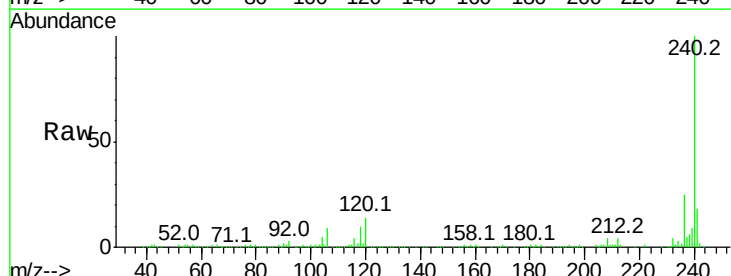


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

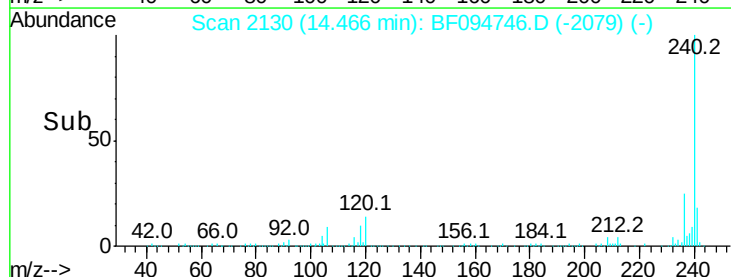
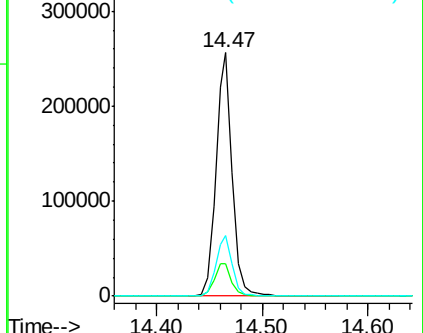


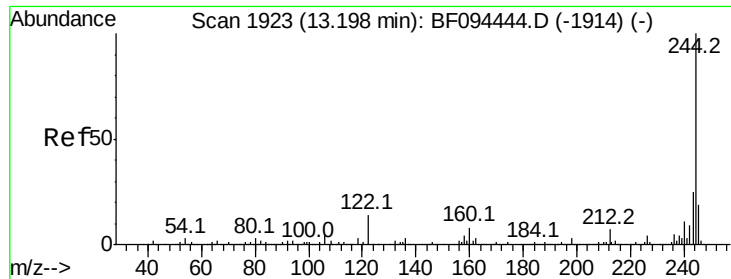
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094746.D
Acq: 1 May 2017 12:53

Tgt Ion:240 Resp: 276502
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.1 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: 88.44 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094746.D

Acq: 1 May 2017 12:53

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-042717

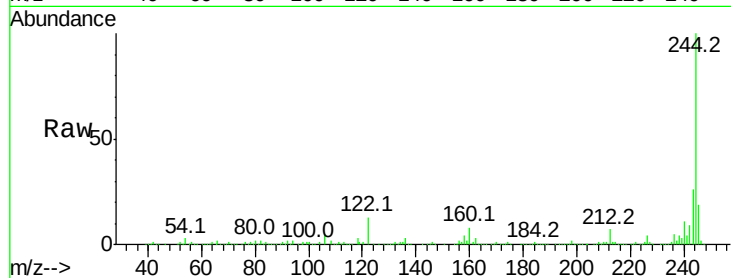
Tot Ion:244 Resp: 914909

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

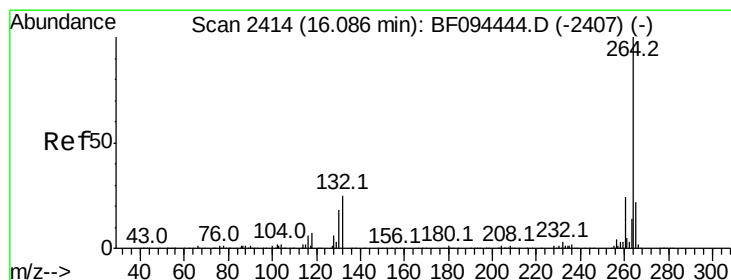
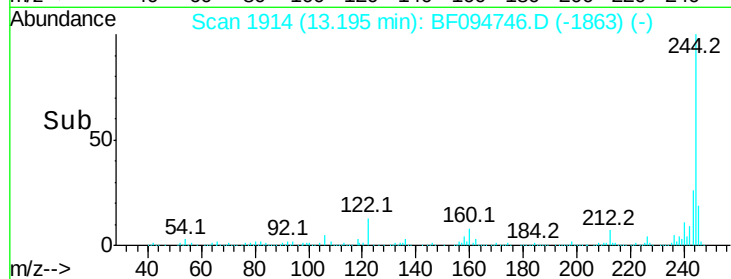
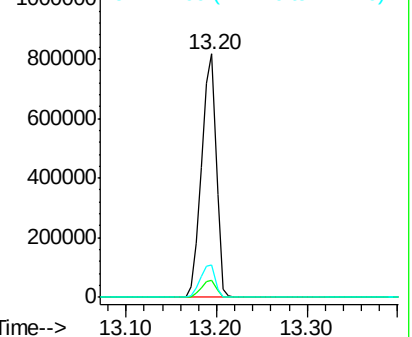
122 13.1 10.3 15.5



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: BF094746.D

Acq: 1 May 2017 12:53

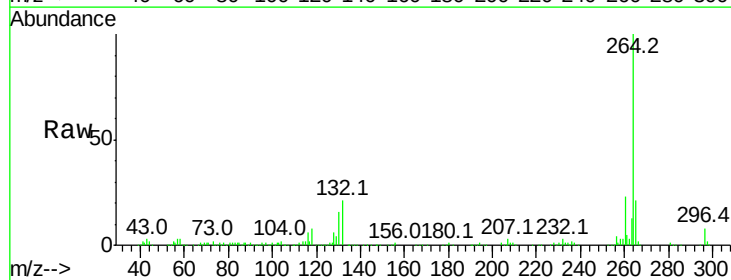
Tgt Ion:264 Resp: 184515

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 20.5 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

