

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094395.D
 Acq On : 13 Apr 2017 17:28
 Operator : SJ/MA
 Sample : I2638-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 40A-9-11

Quant Time: Apr 14 02:00:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

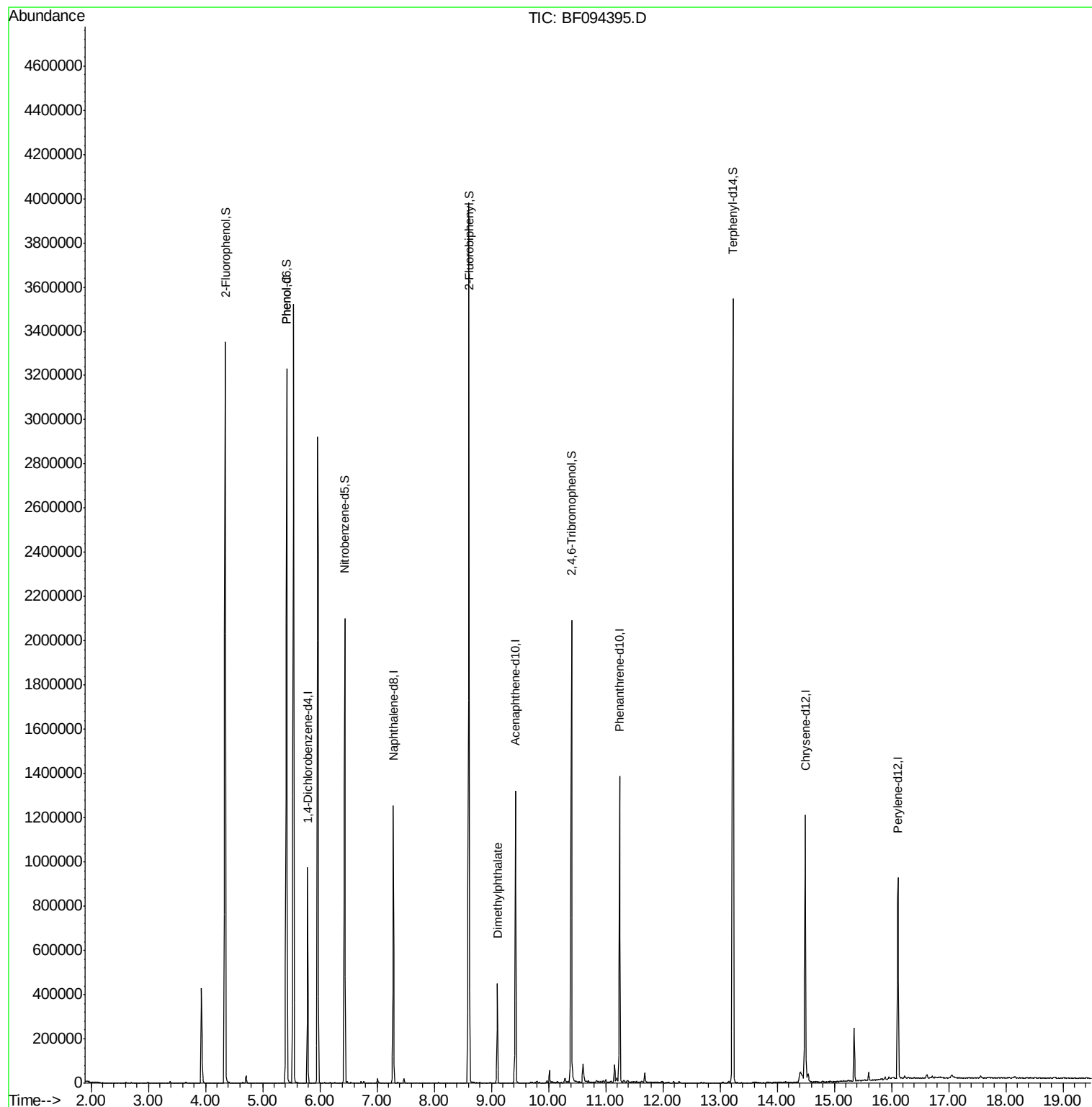
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	156338	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	630026	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	303458	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	548803	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	457320	20.00	ng	-0.06
86) Perylene-d12	16.12	264	360862	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1092911	118.07	ng	-0.03
7) Phenol-d6	5.42	99	1409195	123.07	ng	-0.04
23) Nitrobenzene-d5	6.44	82	889148	80.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	307254	128.13	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1667110	83.79	ng	-0.05
78) Terphenyl-d14	13.23	244	1419656	69.58	ng	-0.05
Target Compounds						
10) Phenol	5.43	94	78754	6.04	ng	97
49) Dimethylphthalate	9.10	163	194514	9.02	ng	99

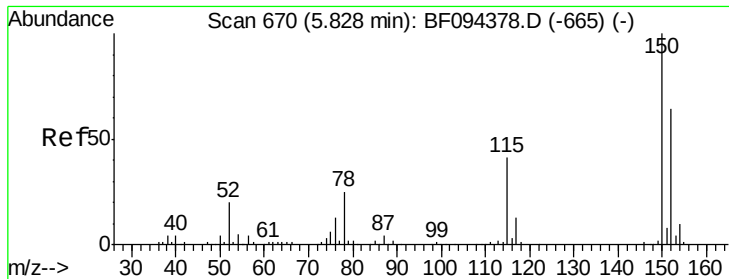
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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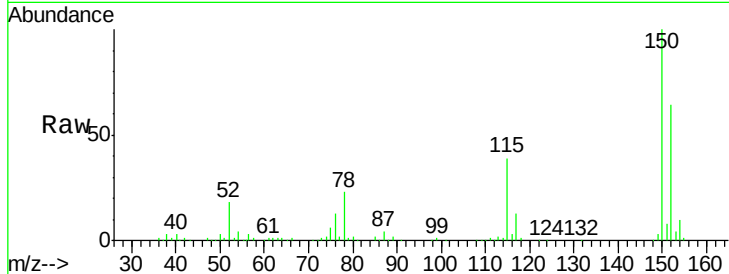


#1

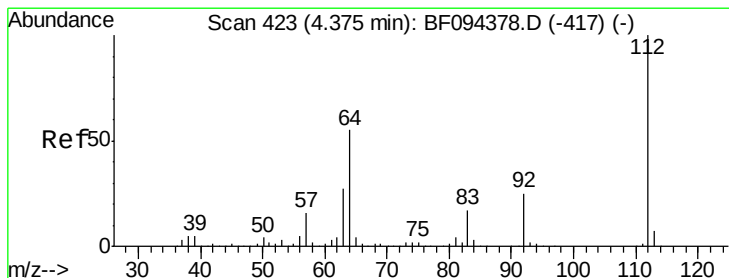
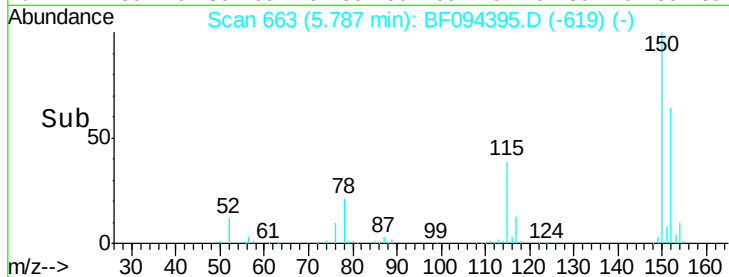
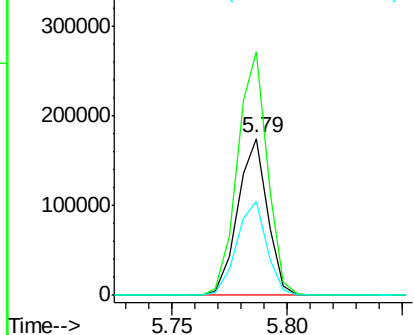
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

Instrument :
BNA_F
ClientSampleId :
40A-9-11

Tot Ion:152 Resp: 156338
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 60.2 52.2 78.2



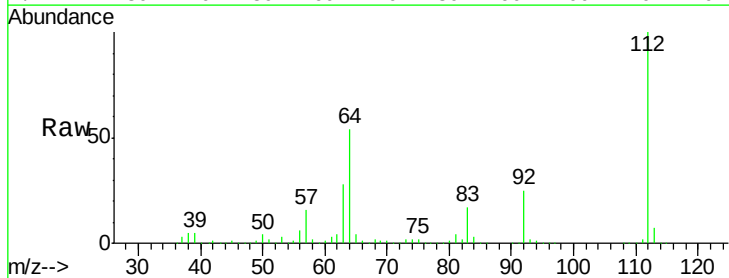
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



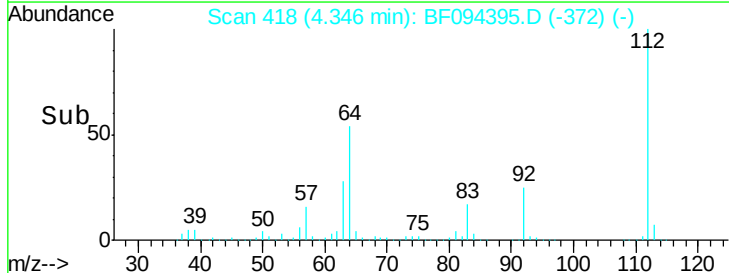
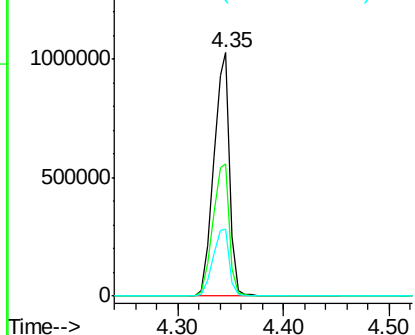
#5

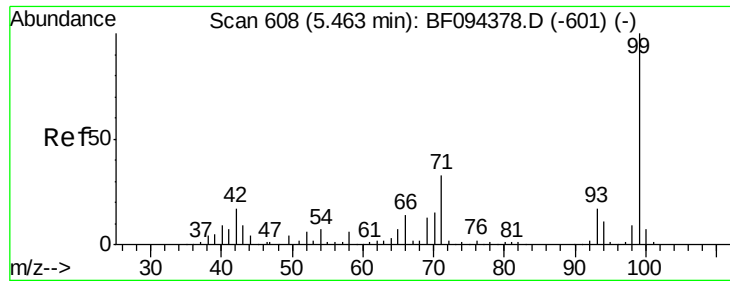
2-Fluorophenol
Concen: 118.07 ng
RT: 4.35 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

Tgt Ion:112 Resp: 1092911
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 27.7 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: 123.07 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.04 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

Instrument :

BNA_F

ClientSampleId :

40A-9-11

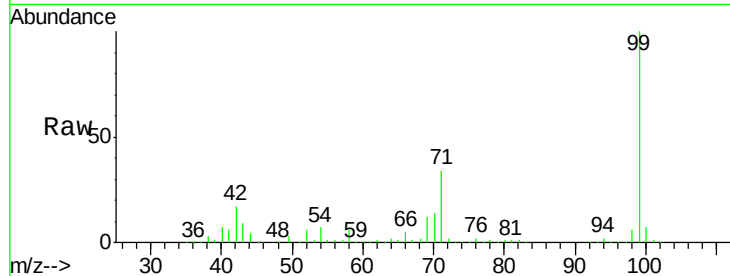
Tot Ion: 99 Resp: 1409195

Ion Ratio Lower Upper

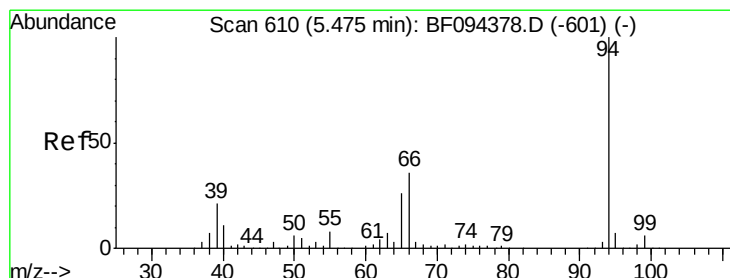
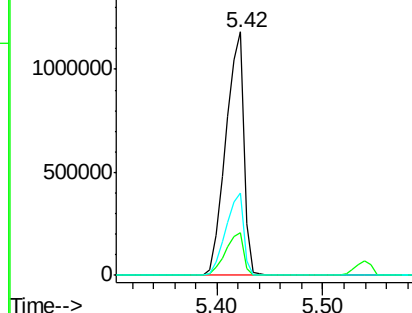
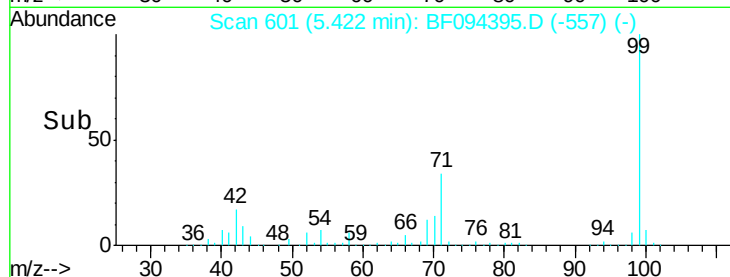
99 100

42 17.4 13.5 20.3

71 33.8 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: 6.04 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

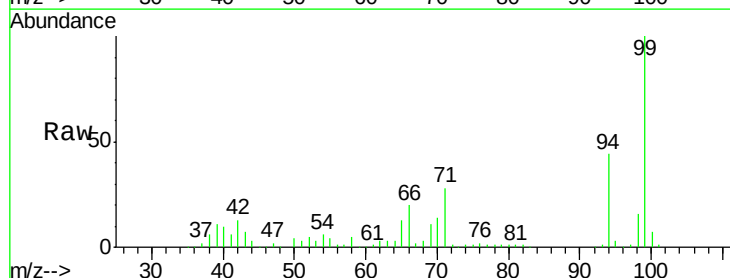
Tgt Ion: 94 Resp: 78754

Ion Ratio Lower Upper

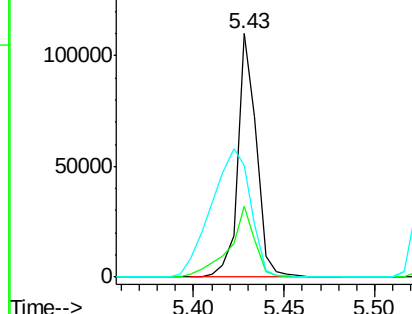
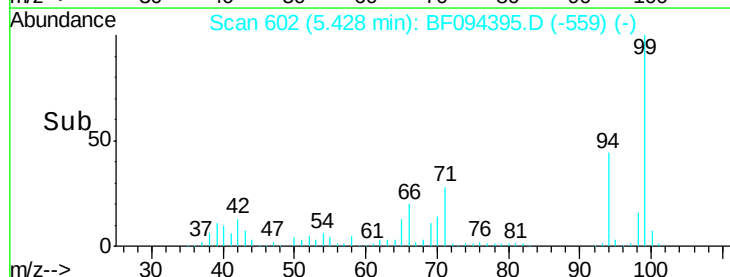
94 100

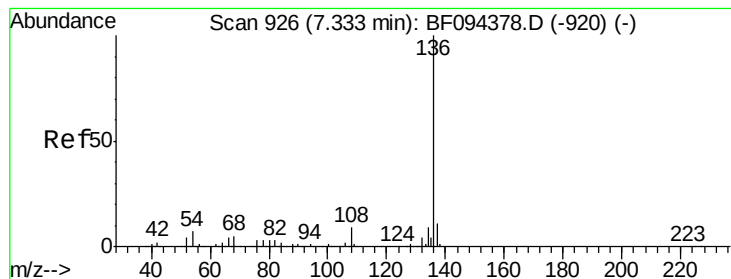
65 29.3 9.9 49.9

66 45.9 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: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

Instrument :

BNA_F

ClientSampled :

40A-9-11

Tot Ion:136 Resp: 630026

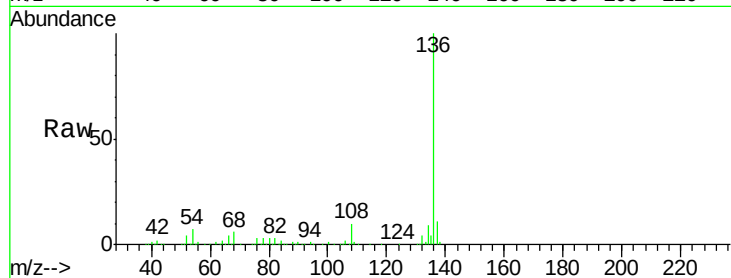
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

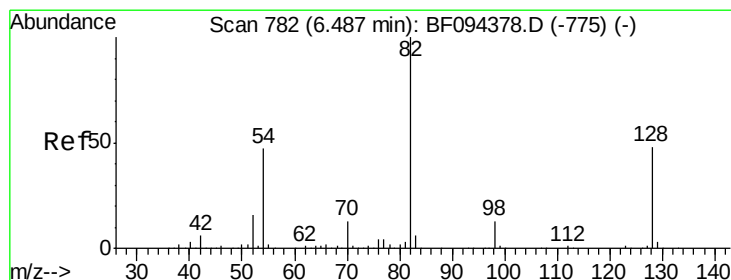
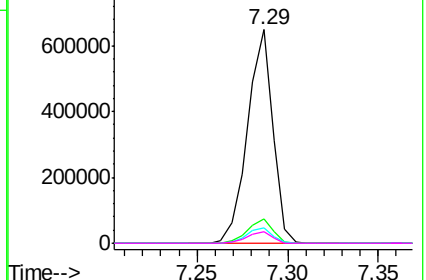
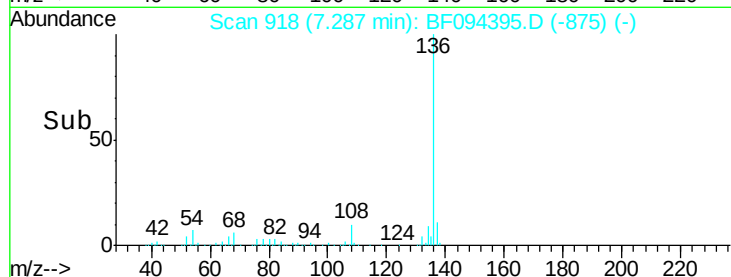


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.54 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

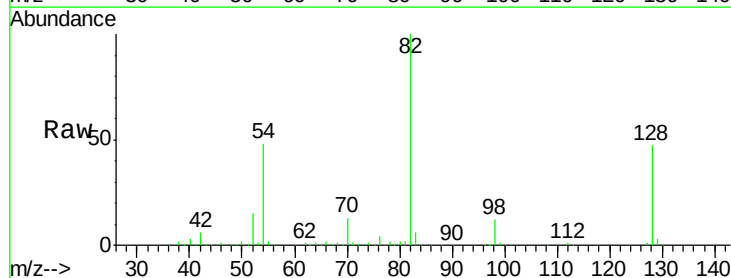
Tgt Ion: 82 Resp: 889148

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

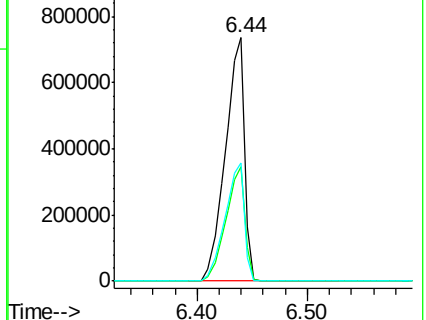
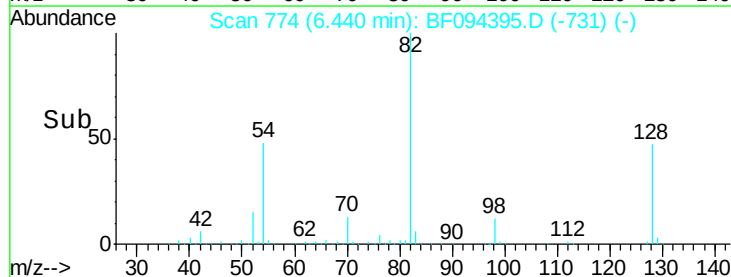
54 48.5 42.2 63.2

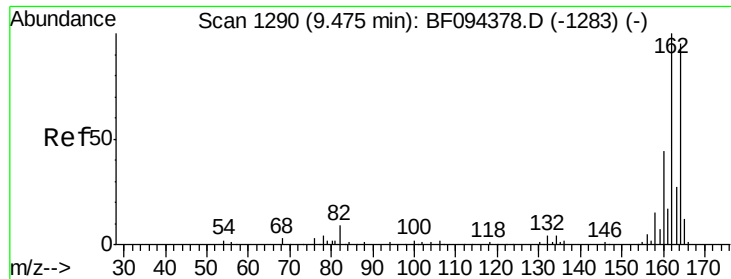


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

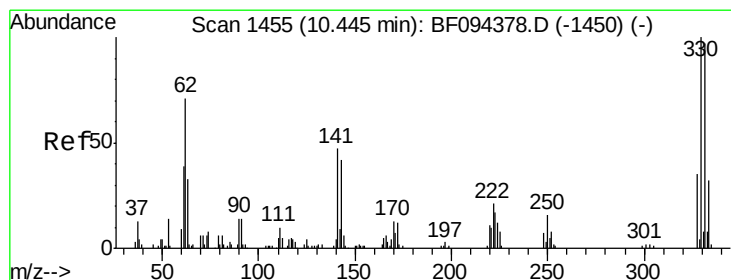
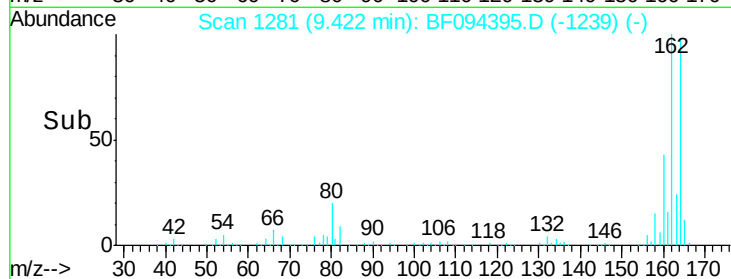
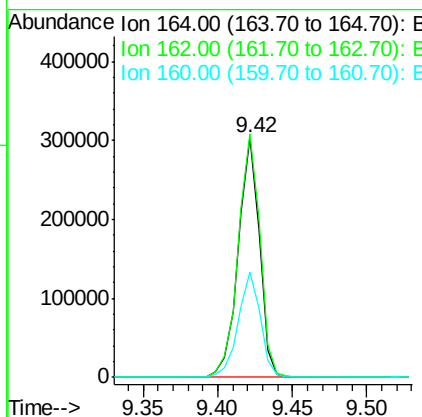
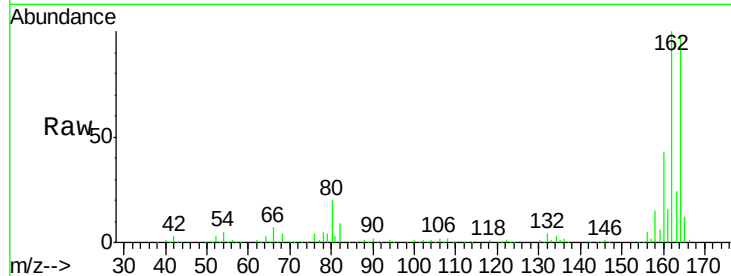




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

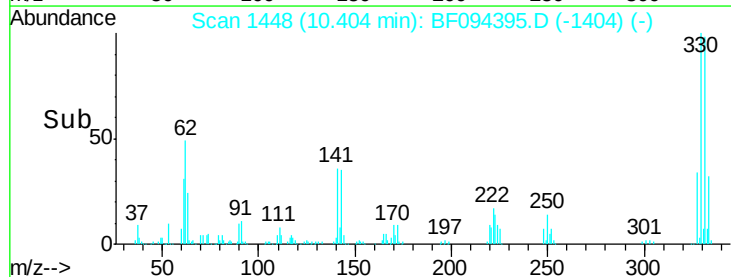
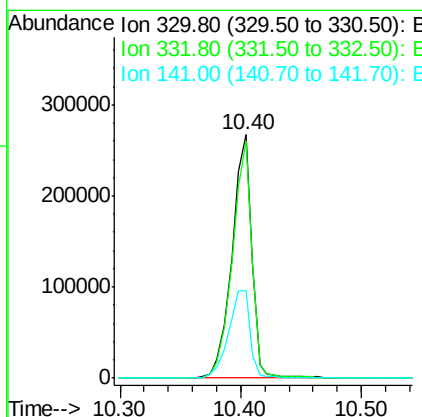
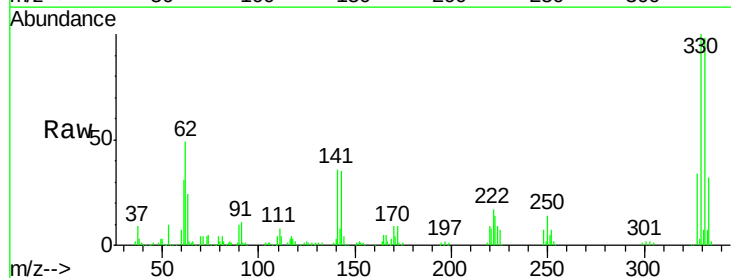
Instrument :
BNA_F
ClientSampleId :
40A-9-11

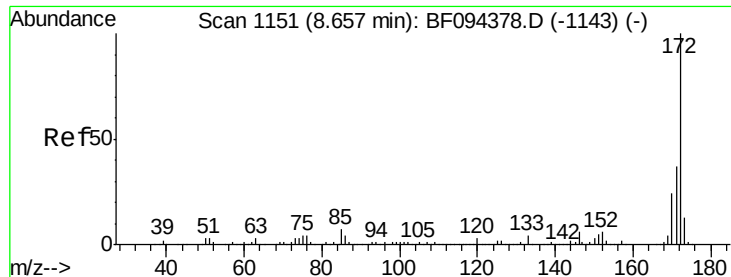
Tot Ion:164 Resp: 303458
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 44.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 128.13 ng
RT: 10.40 min Scan# 1448
Delta R.T. -0.04 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

Tgt Ion:330 Resp: 307254
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 39.7 31.4 47.2



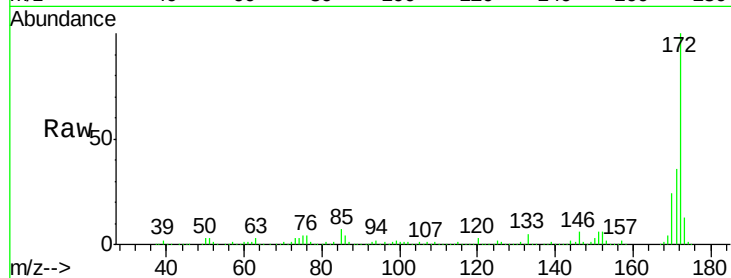


#44
 2-Fluorobiphenyl
 Concen: 83.79 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF094395.D
 Acq: 13 Apr 2017 17:28

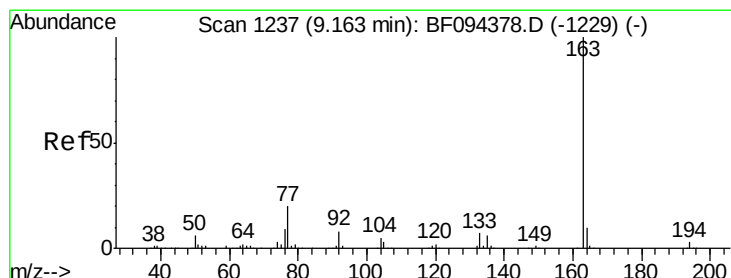
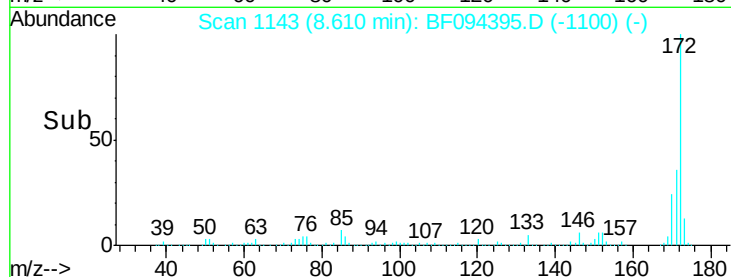
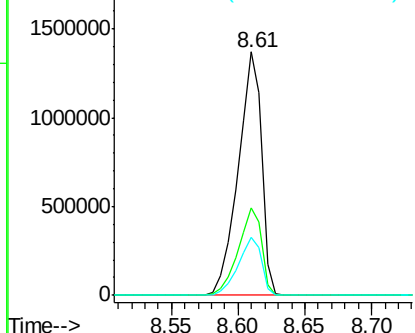
Instrument :
 BNA_F
 ClientSampleId :
 40A-9-11

Tot Ion:172 Resp: 1667110

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.8	19.8	29.8



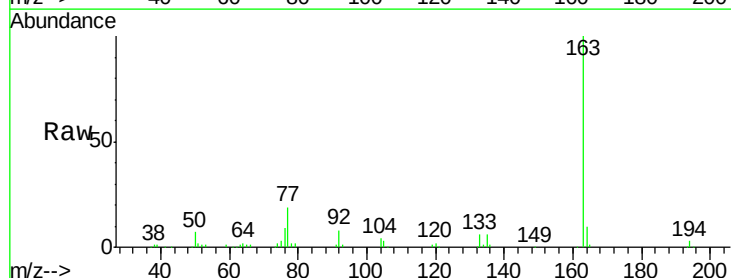
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



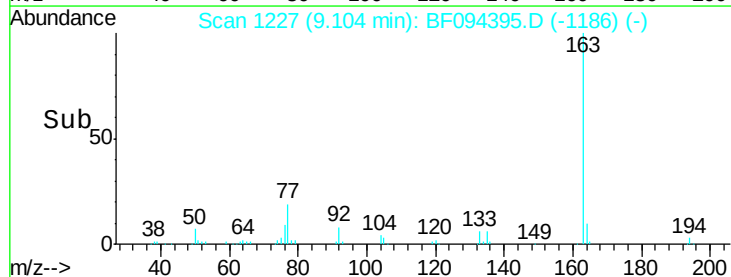
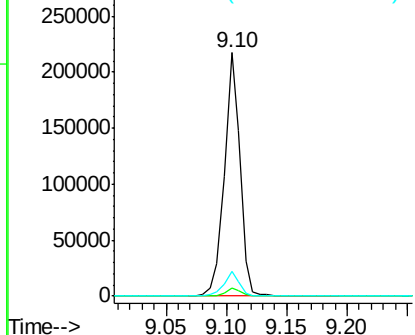
#49
 Dimethylphthalate
 Concen: 9.02 ng
 RT: 9.10 min Scan# 1227
 Delta R.T. -0.06 min
 Lab File: BF094395.D
 Acq: 13 Apr 2017 17:28

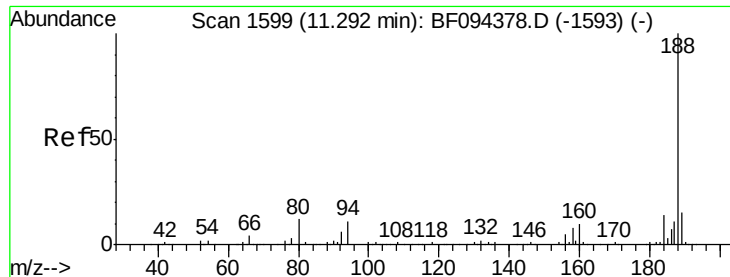
Tgt Ion:163 Resp: 194514

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	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

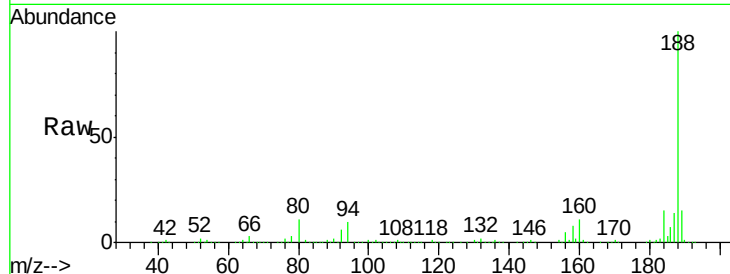




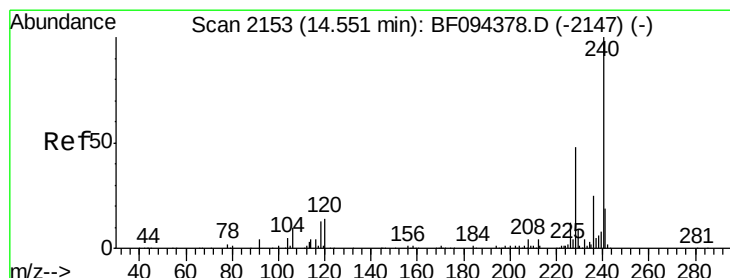
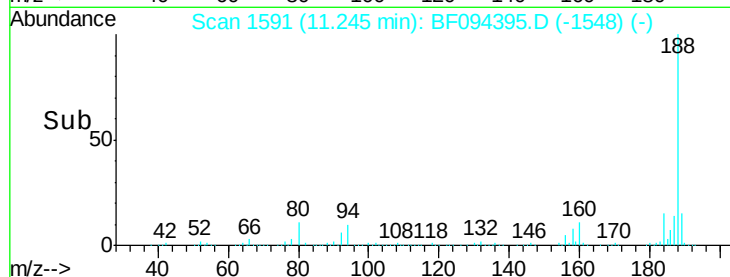
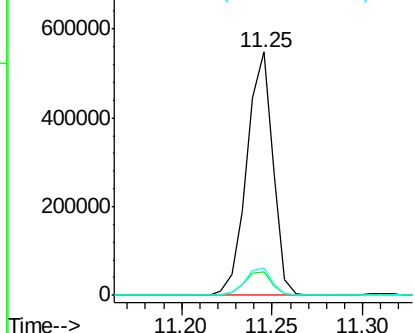
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

Instrument :
BNA_F
ClientSampleId :
40A-9-11

Tot Ion:188 Resp: 548803
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.1 10.2 15.2

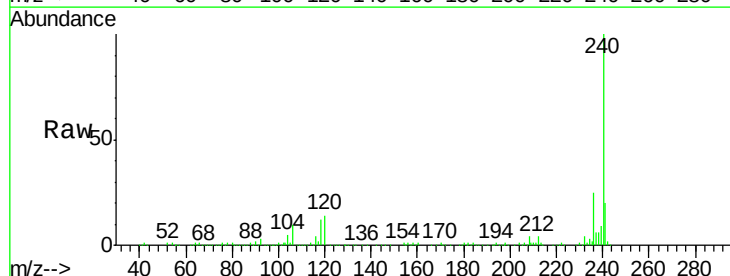


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

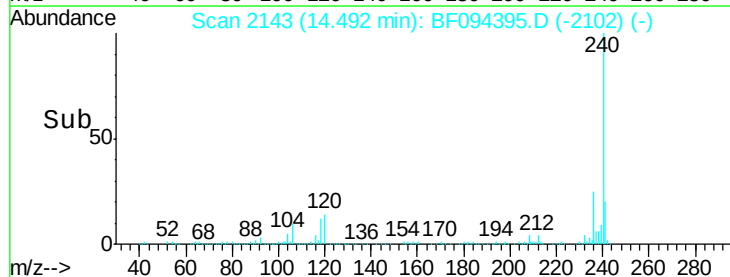
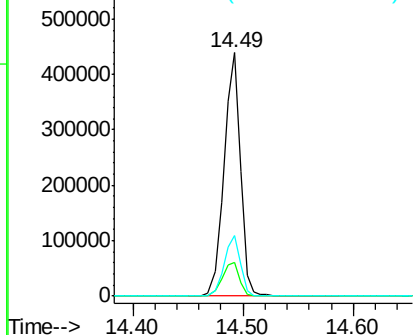


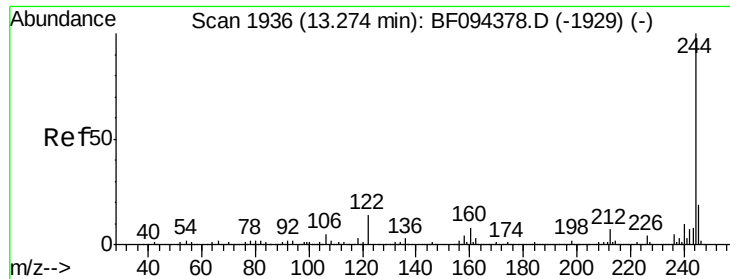
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094395.D
Acq: 13 Apr 2017 17:28

Tgt Ion:240 Resp: 457320
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.7 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: 69.58 ng

RT: 13.23 min Scan# 1928

Delta R.T. -0.05 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

Instrument :

BNA_F

ClientSampleId :

40A-9-11

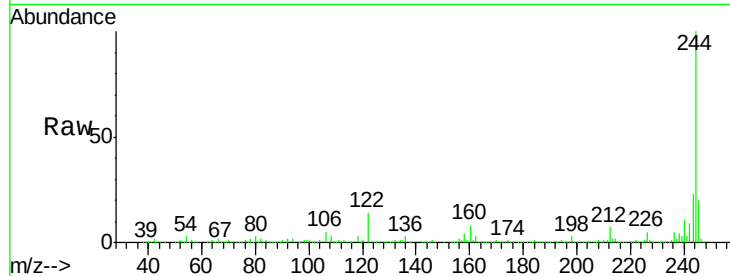
Tot Ion:244 Resp: 1419656

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

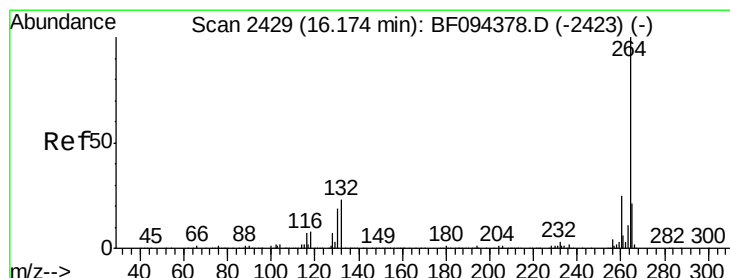
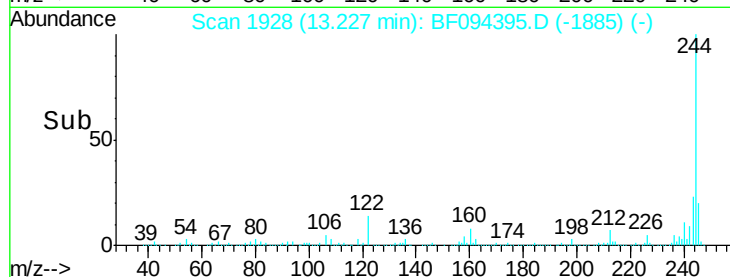
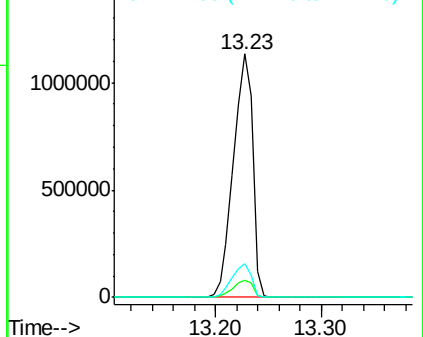
122 13.7 10.3 15.5



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: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094395.D

Acq: 13 Apr 2017 17:28

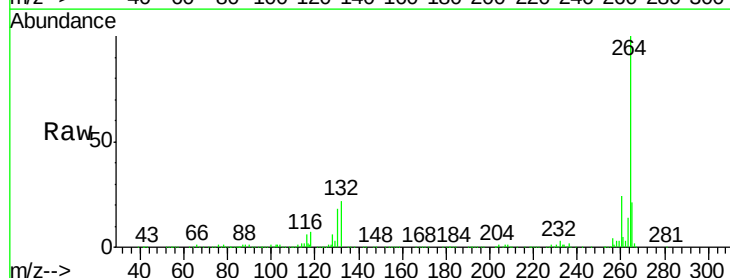
Tgt Ion:264 Resp: 360862

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 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

