

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095013.D
 Acq On : 9 May 2017 9:27
 Operator : SJ/MA
 Sample : I2947-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: May 09 11:57:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

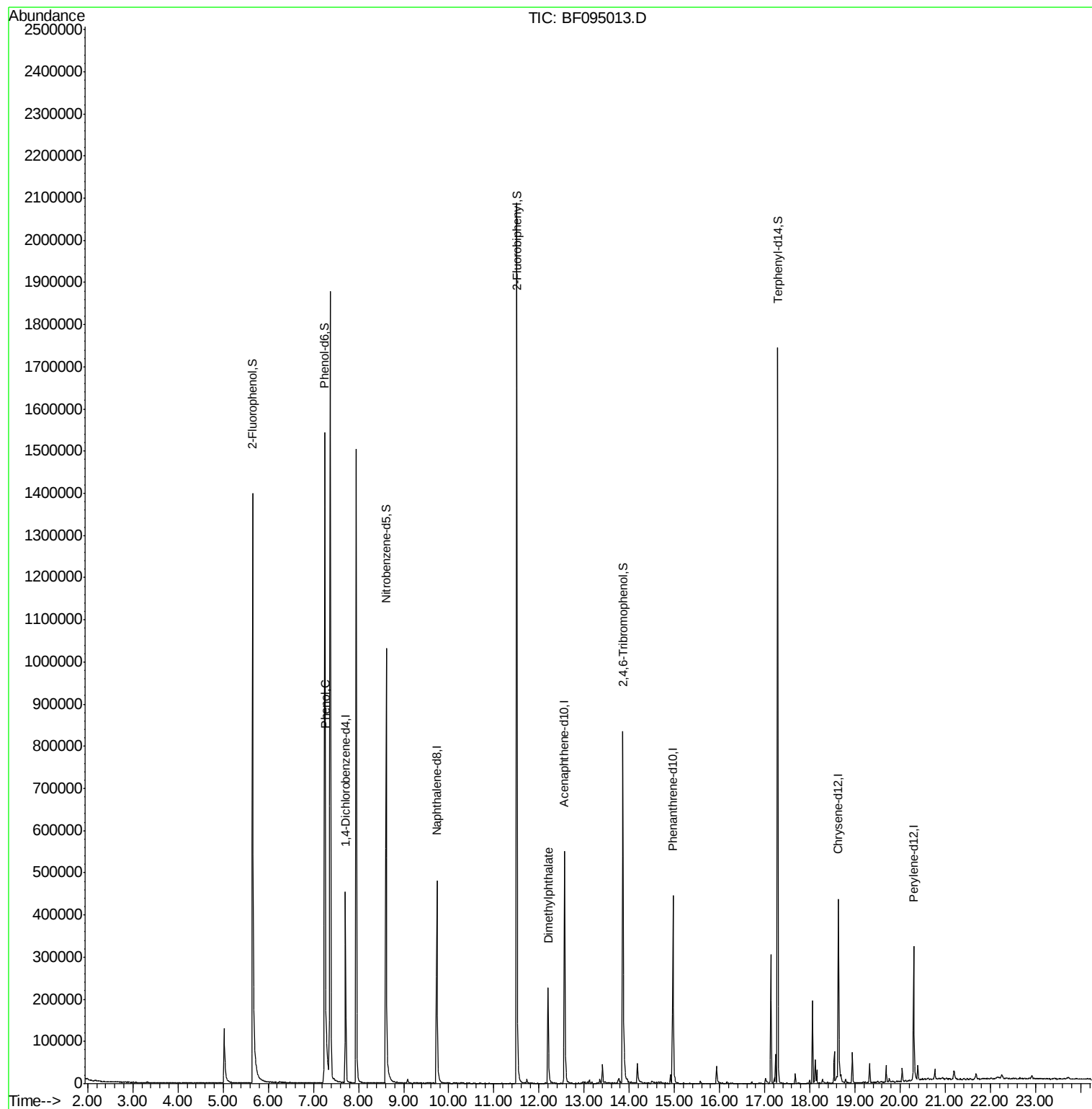
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94567	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	381263	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	168307	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	254626	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	209059	20.00	ng	-0.02
86) Perylene-d12	20.30	264	152130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	712335	125.58	ng	-0.02
7) Phenol-d6	7.25	99	875532	128.65	ng	-0.02
23) Nitrobenzene-d5	8.61	82	506522	83.78	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	162691	118.03	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	929988	79.53	ng	-0.02
78) Terphenyl-d14	17.29	244	626812	66.04	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	23789	3.32	ng	Qvalue # 72
49) Dimethylphthalate	12.20	163	167164	12.10	ng	98

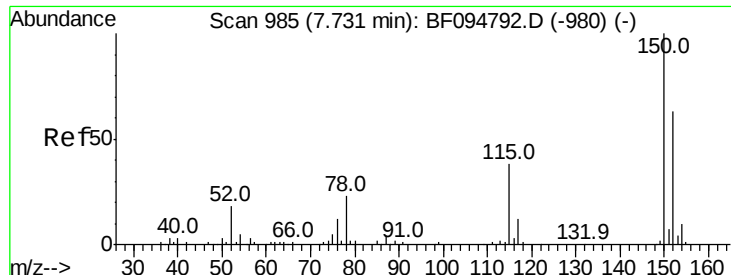
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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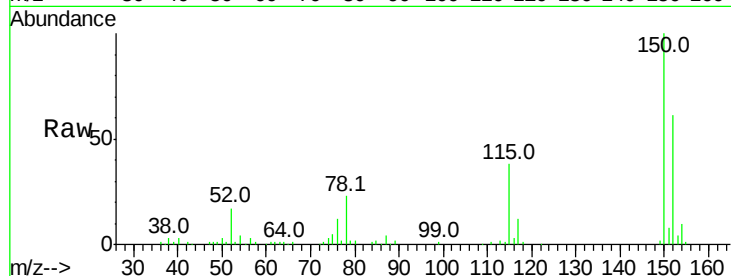


#1

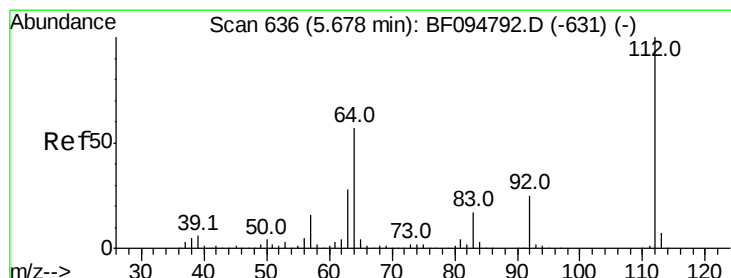
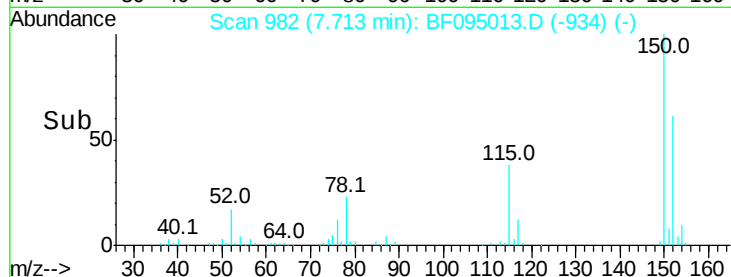
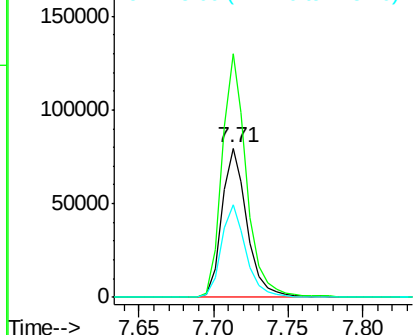
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF095013.D
 Acq: 9 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion:152 Resp: 94567
 Ion Ratio Lower Upper
 152 100
 150 163.5 126.2 189.2
 115 61.8 52.2 78.2



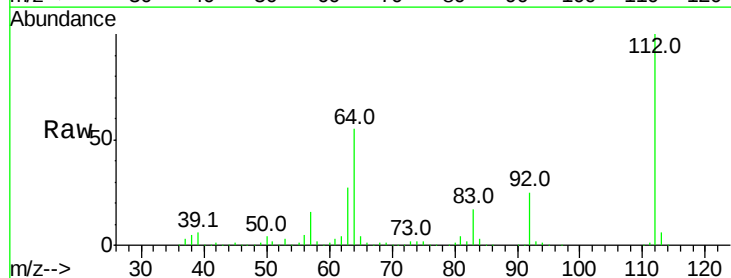
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



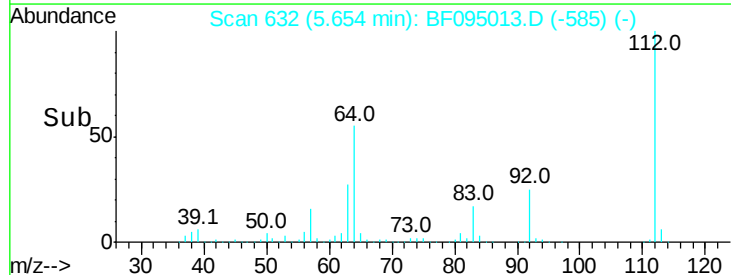
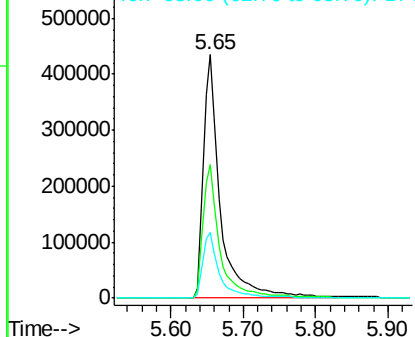
#5

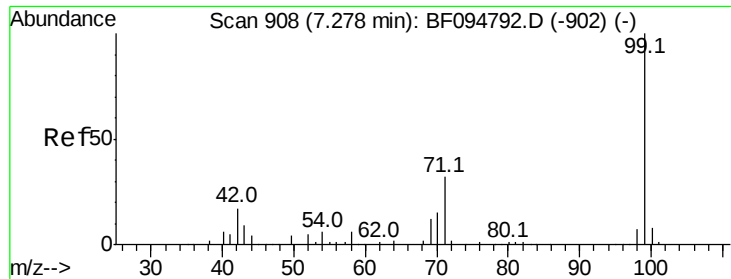
2-Fluorophenol
 Concen: 125.58 ng
 RT: 5.65 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF095013.D
 Acq: 9 May 2017 9:27

Tgt Ion:112 Resp: 712335
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.0 69.0
 63 27.0 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: 128.65 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

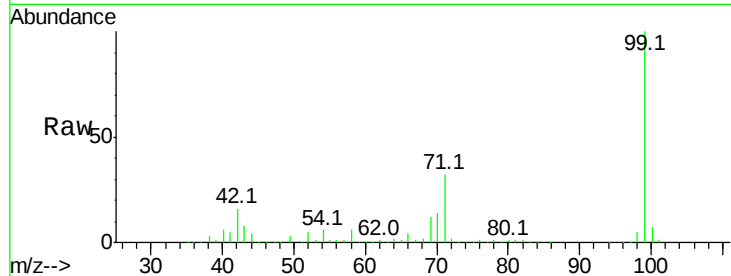
Tot Ion: 99 Resp: 875532

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

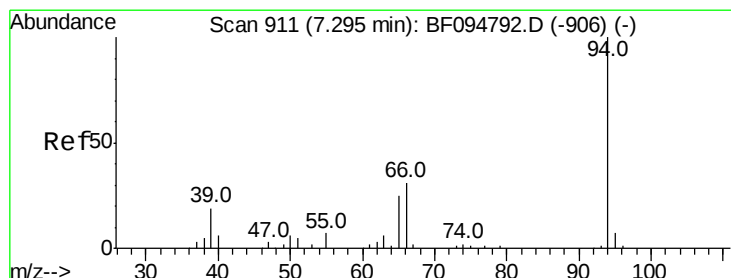
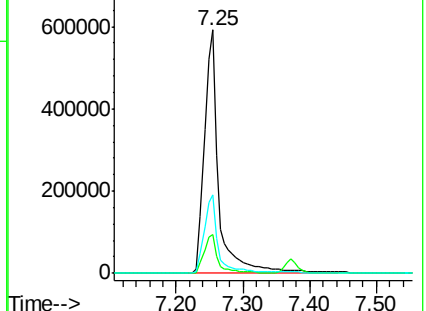
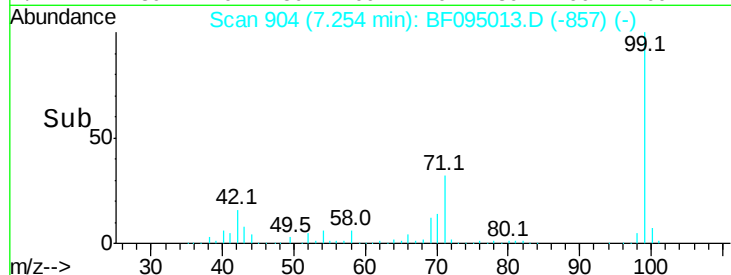
71 32.0 24.5 36.7



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: 3.32 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

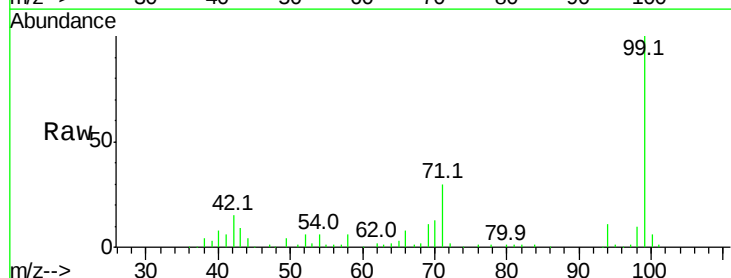
Tgt Ion: 94 Resp: 23789

Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

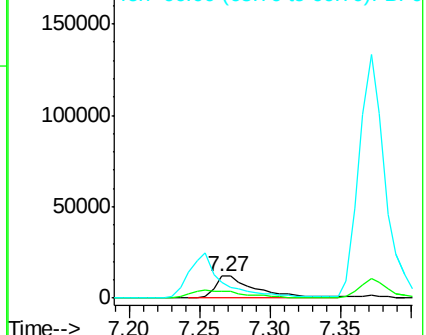
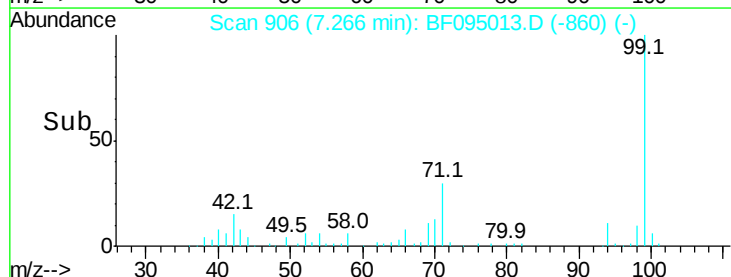
66 71.8 23.1 63.1#

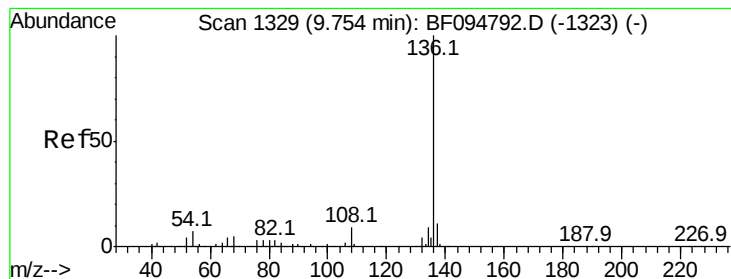


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tot Ion:136 Resp: 381263

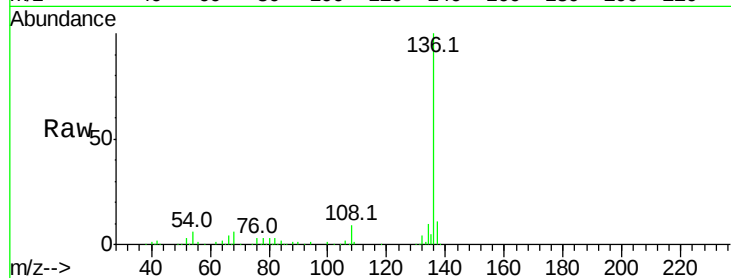
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 5.6 4.1 6.1

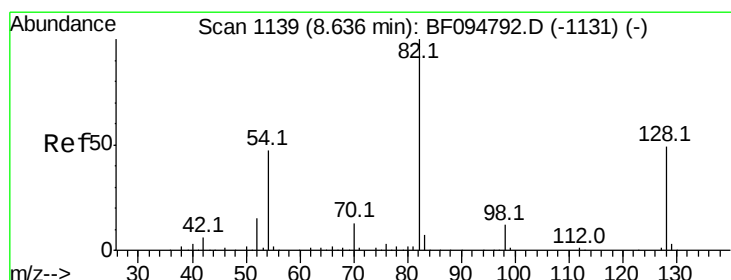
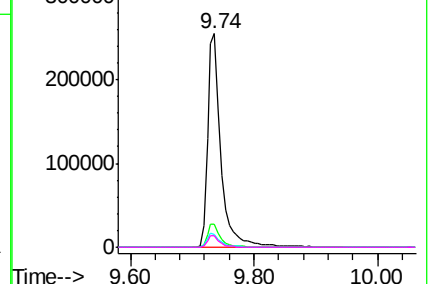
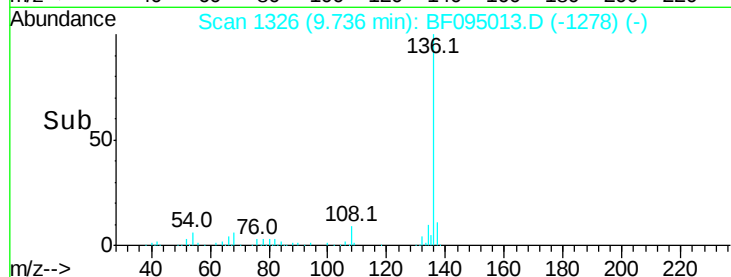


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.78 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

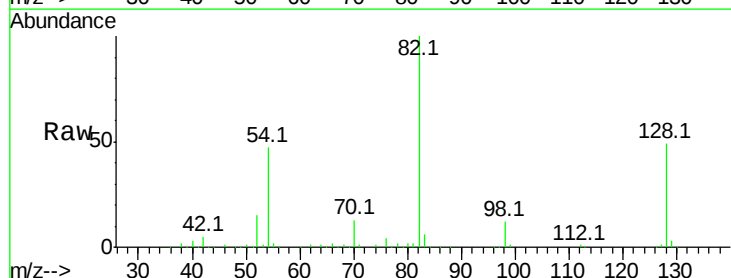
Tgt Ion: 82 Resp: 506522

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

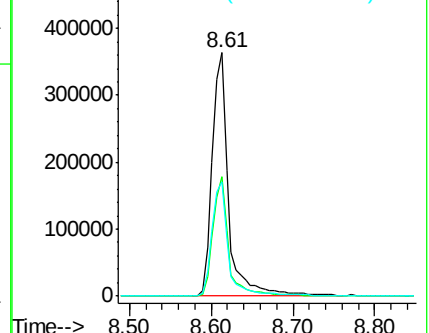
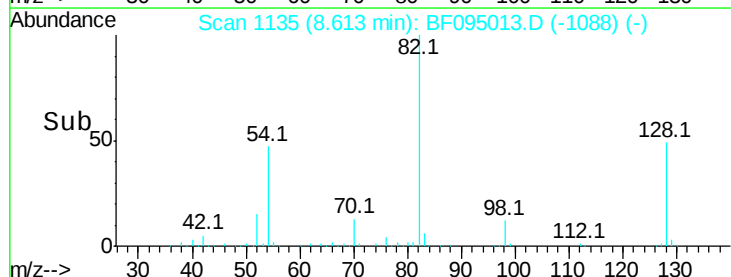
54 46.9 42.2 63.2

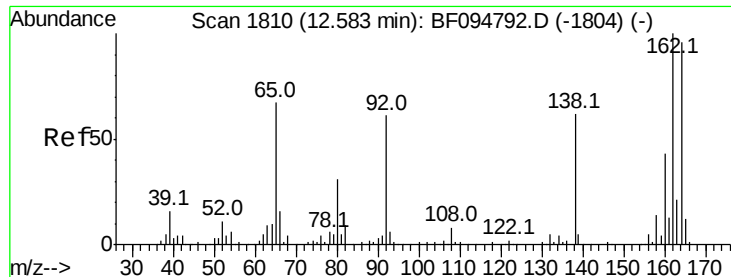


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

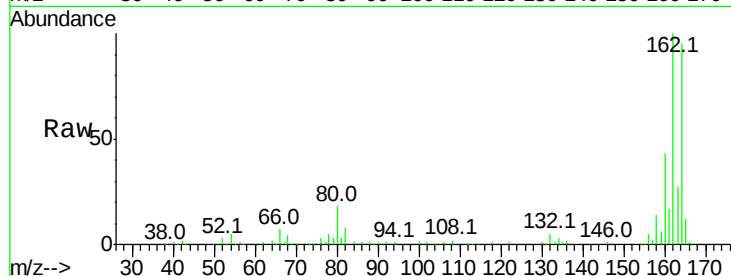
Tot Ion:164 Resp: 168307

Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

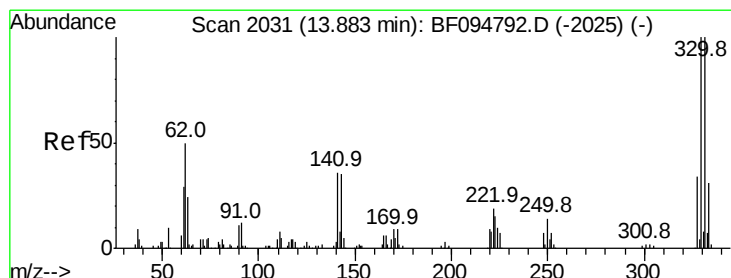
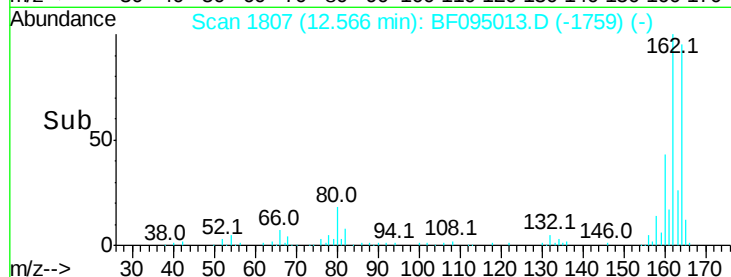
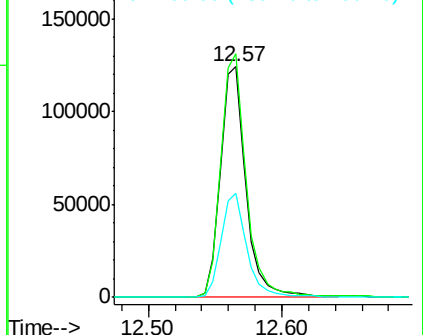
160 45.4 36.2 54.2



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: 118.03 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

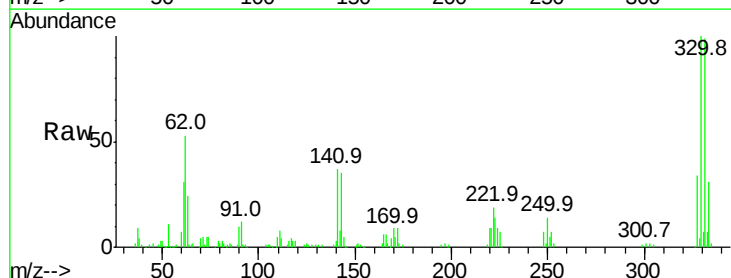
Tgt Ion:330 Resp: 162691

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

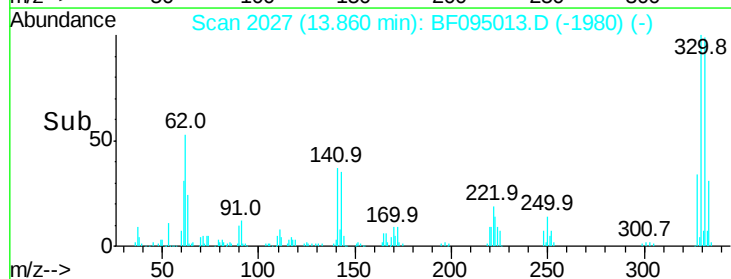
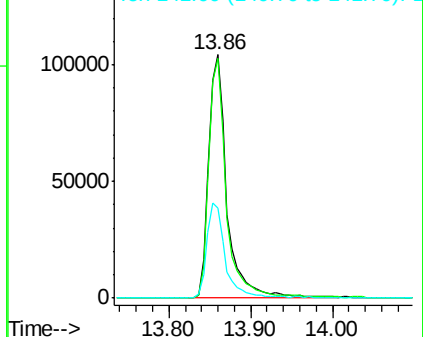
141 39.7 31.4 47.2

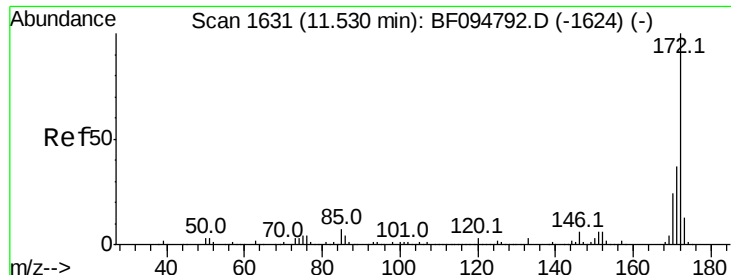


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

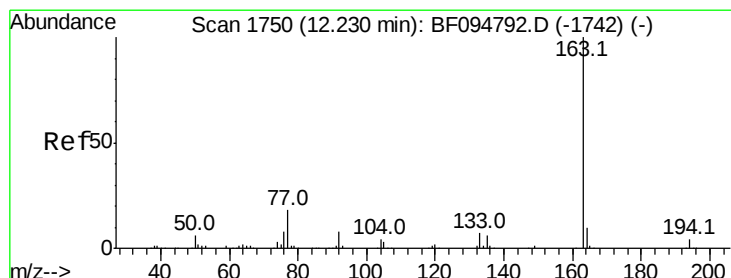
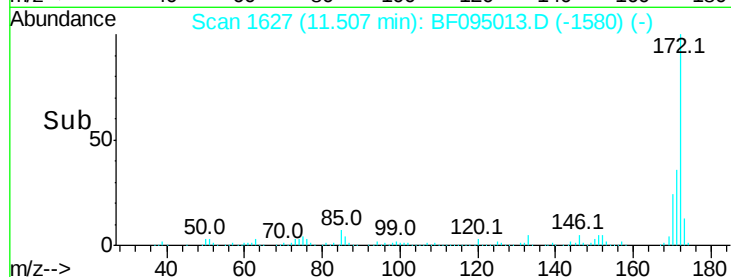
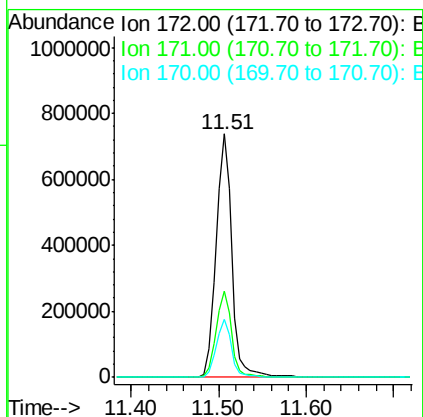
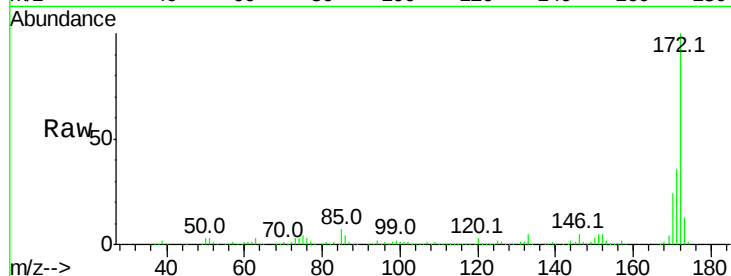




#44
2-Fluorobiphenyl
Concen: 79.53 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

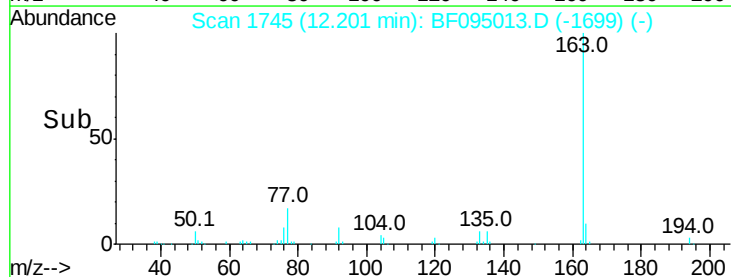
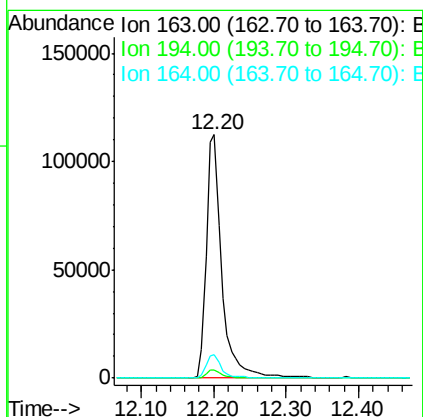
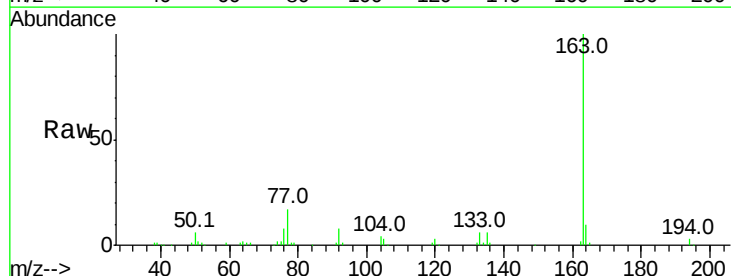
Instrument :
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SB-03-COMP

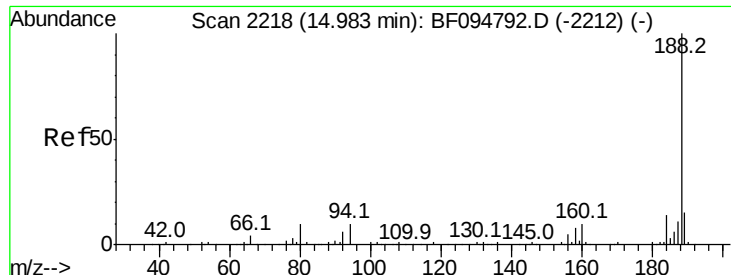
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8



#49
Dimethylphthalate
Concen: 12.10 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6

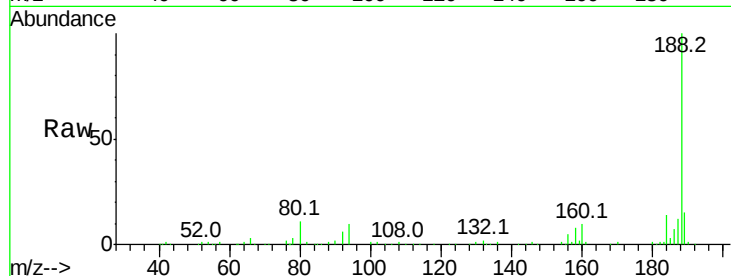




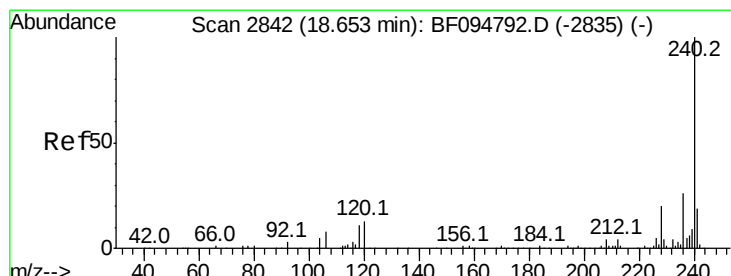
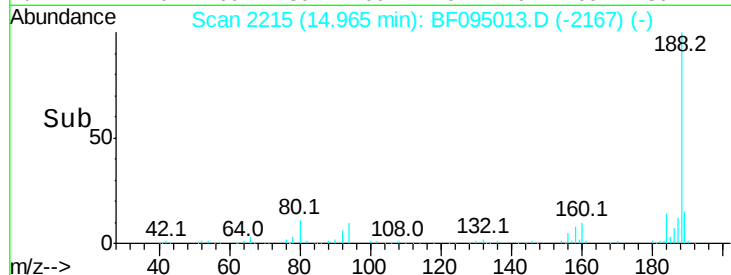
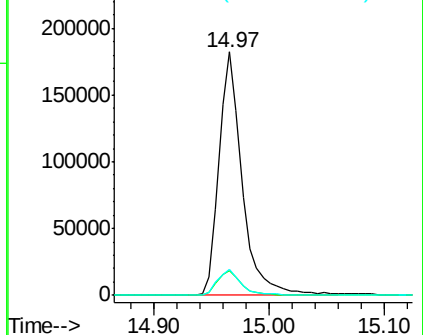
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.5	10.2	15.2

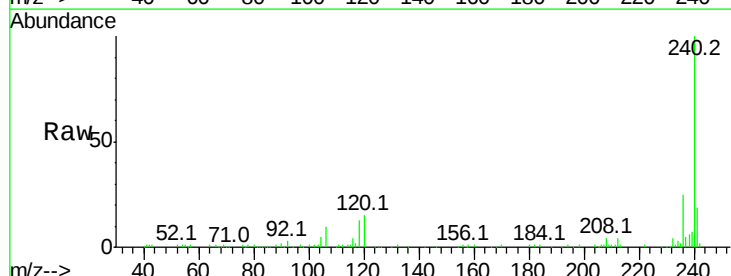


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

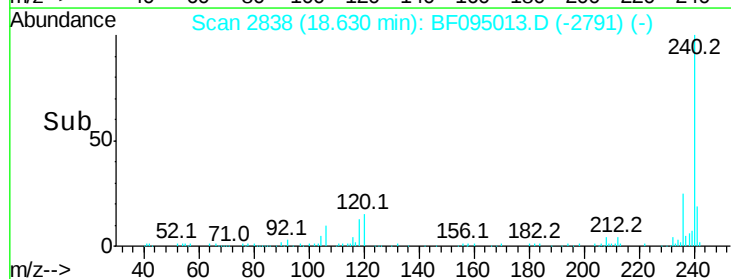
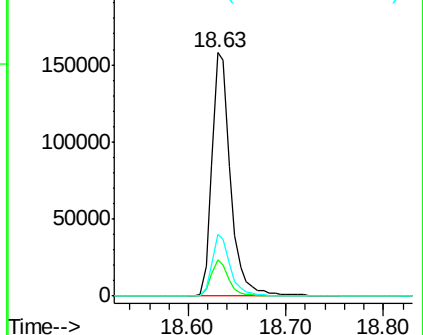


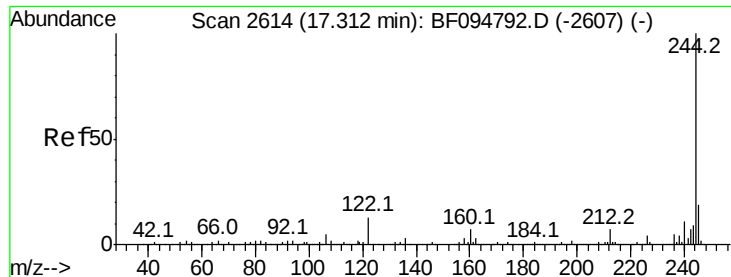
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.2	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: 66.04 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

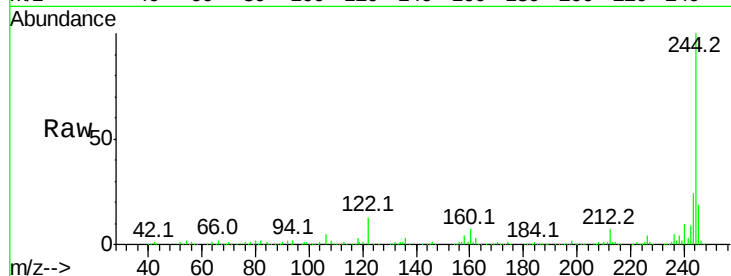
Tot Ion:244 Resp: 626812

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

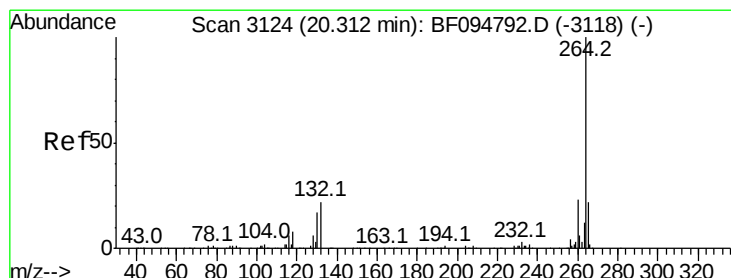
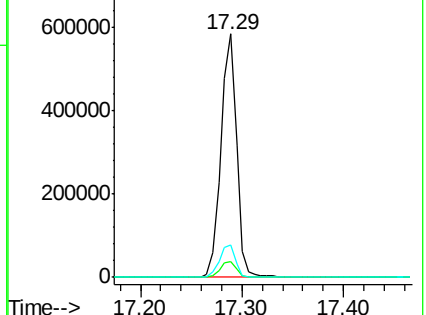
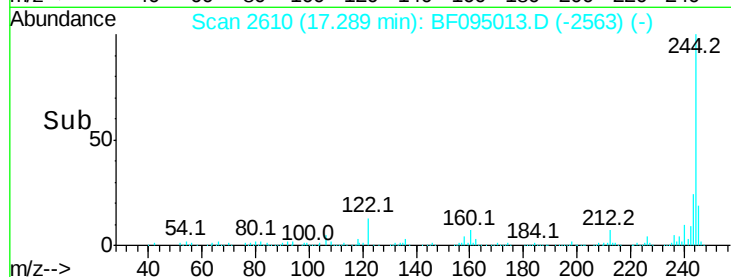
122 13.3 10.3 15.5



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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

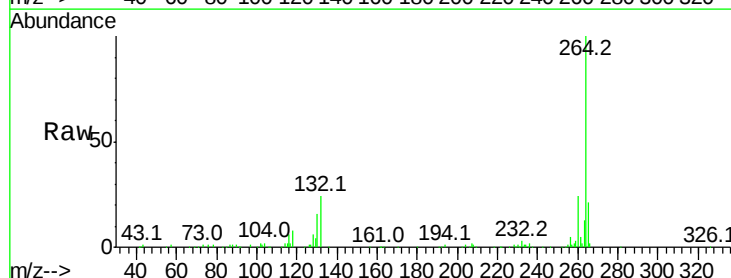
Tgt Ion:264 Resp: 152130

Ion Ratio Lower Upper

264 100

260 23.7 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

