

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095102.D
 Acq On : 12 May 2017 3:36
 Operator : SJ/MA
 Sample : I3062-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: May 12 05:15:09 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

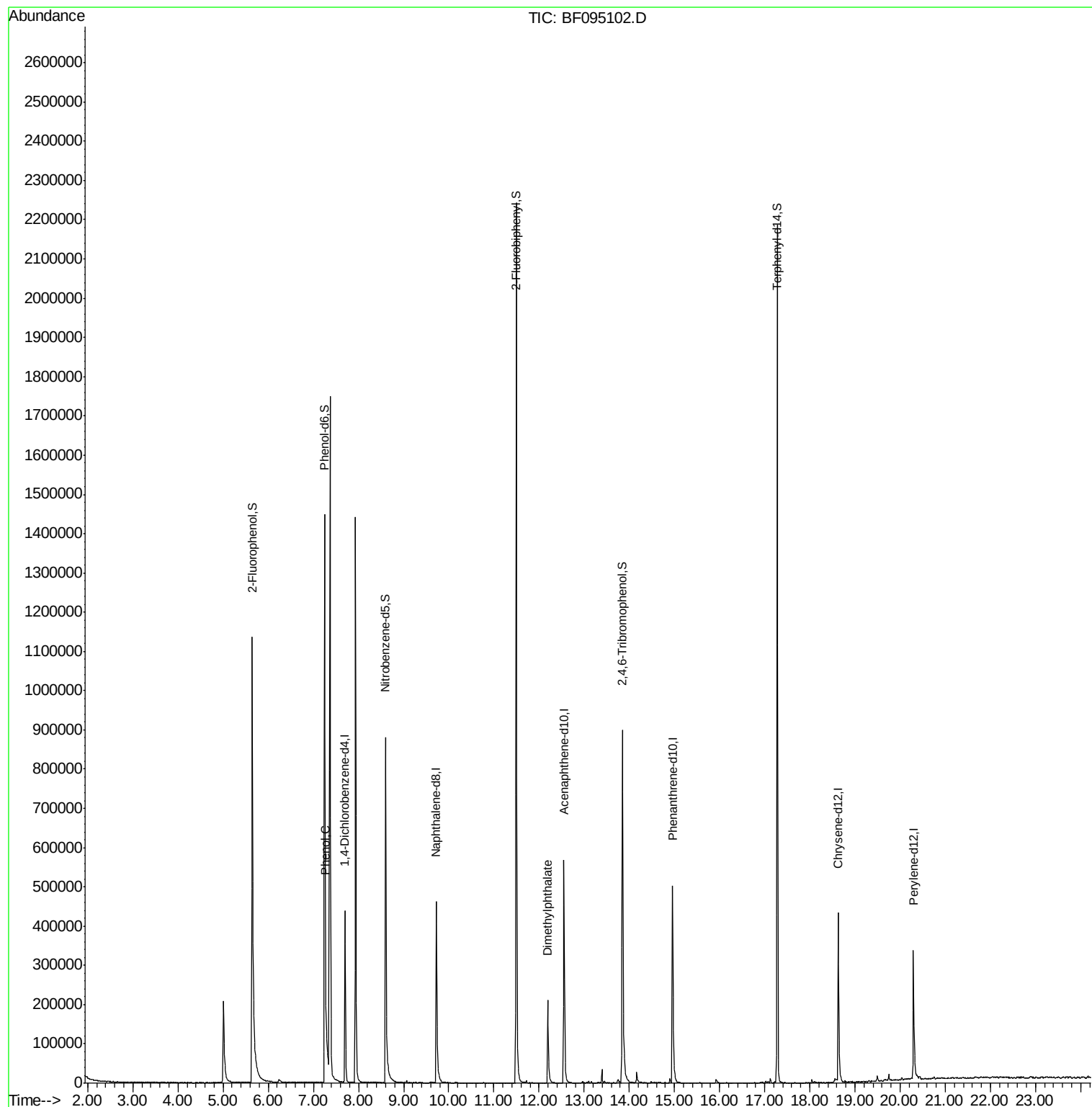
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	92828	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	399708	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	180250	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	346540	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	235154	20.00	ng	-0.02
86) Perylene-d12	20.29	264	189303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	702857	126.23	ng	-0.03
7) Phenol-d6	7.25	99	884390	132.38	ng	-0.03
23) Nitrobenzene-d5	8.60	82	476808	75.22	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	183315	124.18	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1053548	84.13	ng	-0.04
78) Terphenyl-d14	17.28	244	837153	78.41	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	20859	2.96	ng	Qvalue # 62
49) Dimethylphthalate	12.19	163	173461	11.72	ng	99

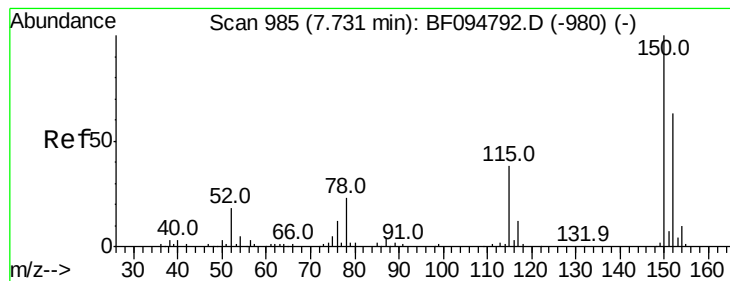
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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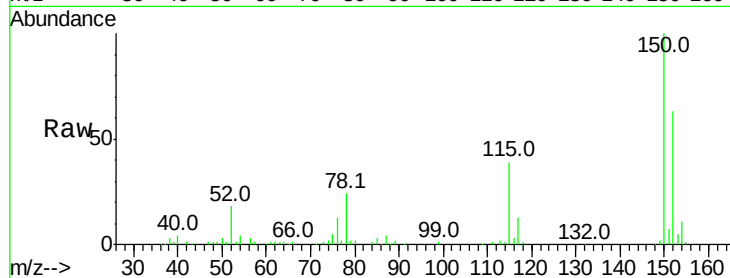


#1

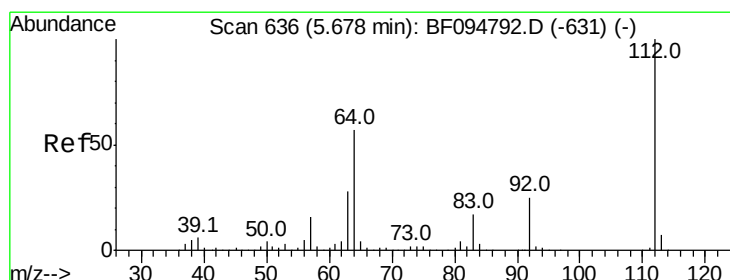
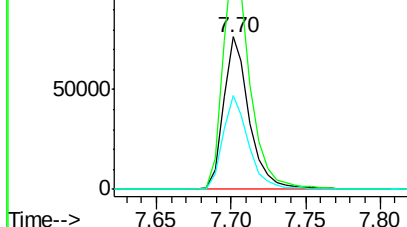
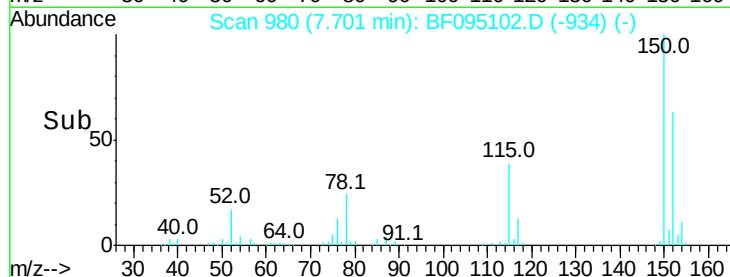
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion:152 Resp: 92828
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 61.5 52.2 78.2



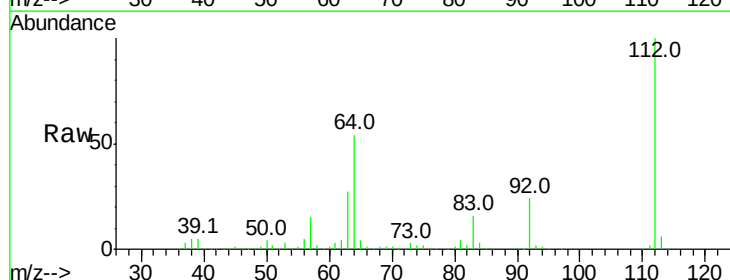
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



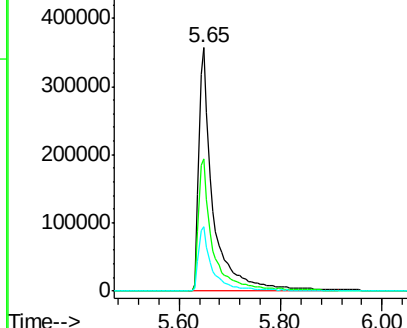
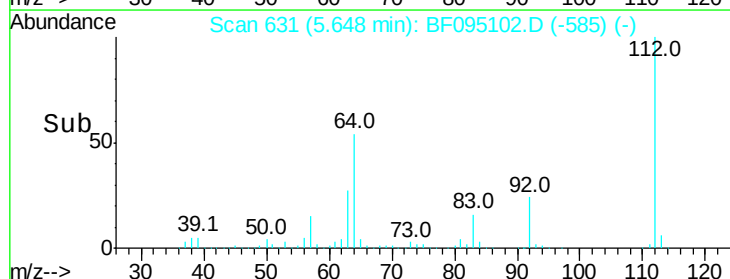
#5

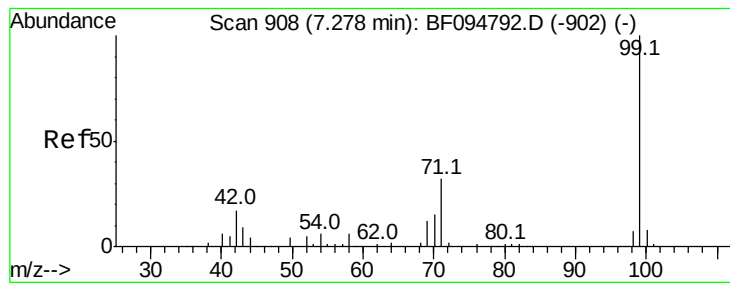
2-Fluorophenol
Concen: 126.23 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Tgt Ion:112 Resp: 702857
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 26.6 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: 132.38 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

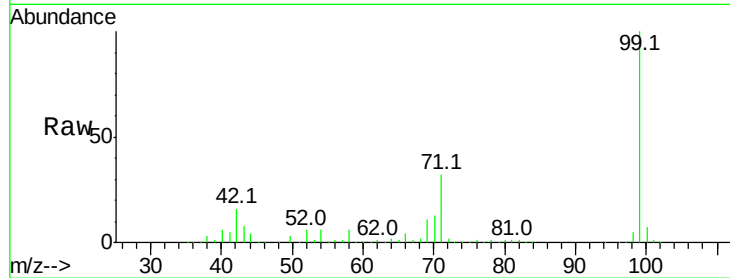
Tot Ion: 99 Resp: 884390

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

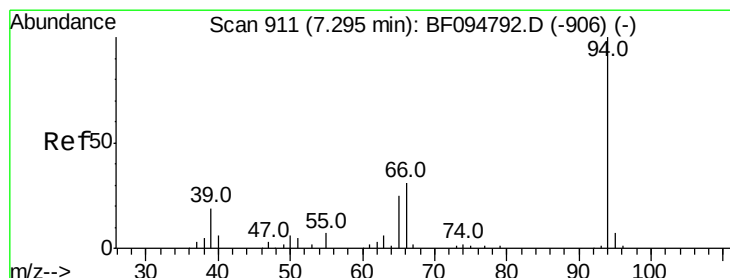
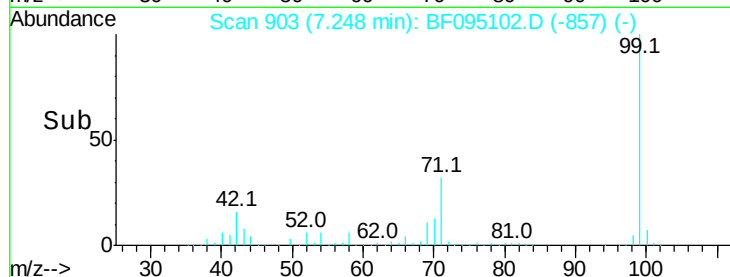
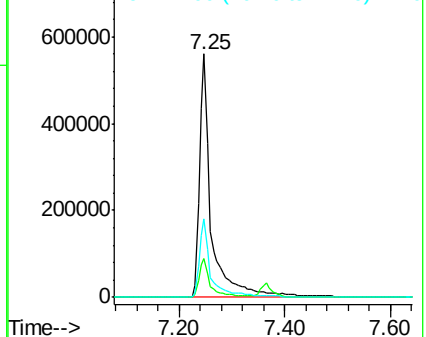
71 32.1 24.5 36.7



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: 2.96 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

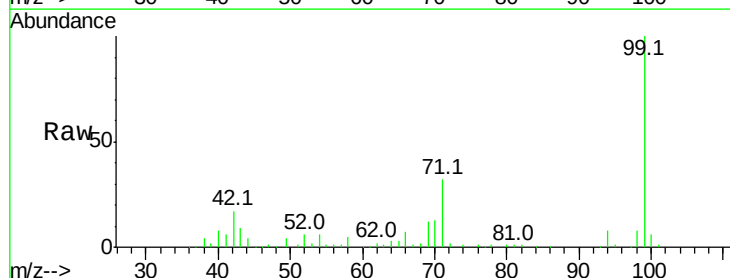
Tgt Ion: 94 Resp: 20859

Ion Ratio Lower Upper

94 100

65 33.7 9.9 49.9

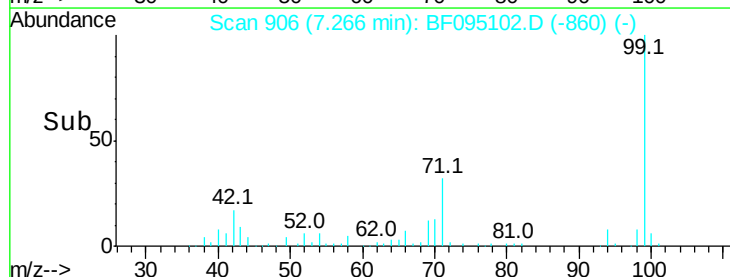
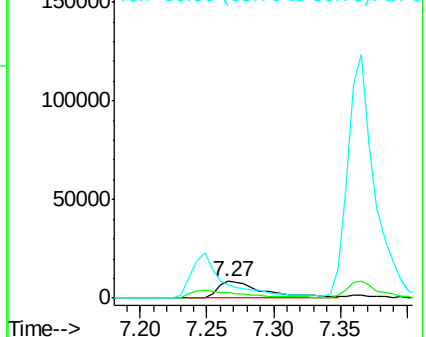
66 80.8 23.1 63.1#

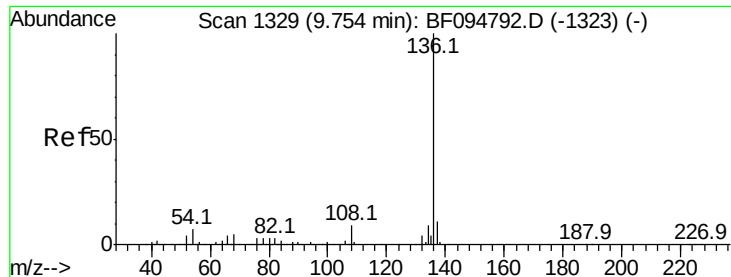


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

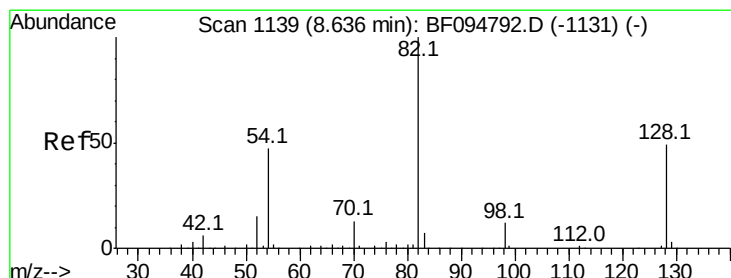
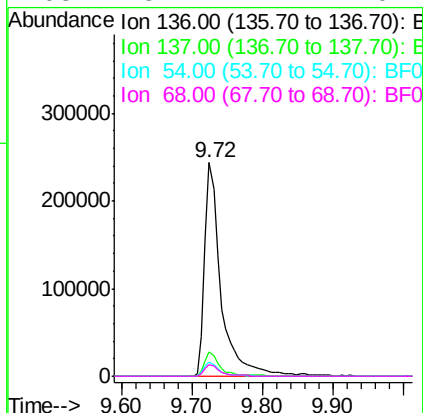
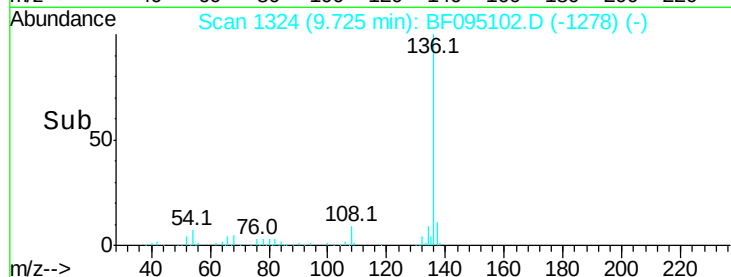
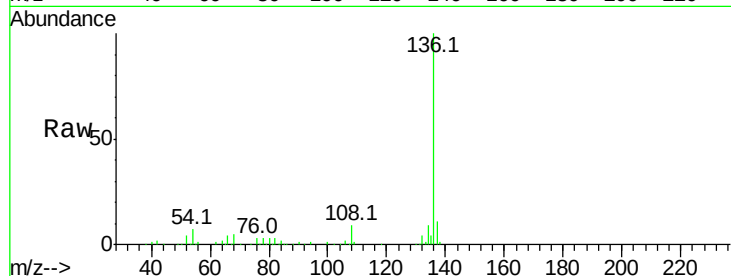




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

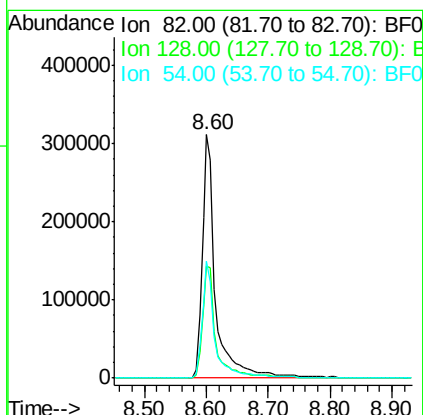
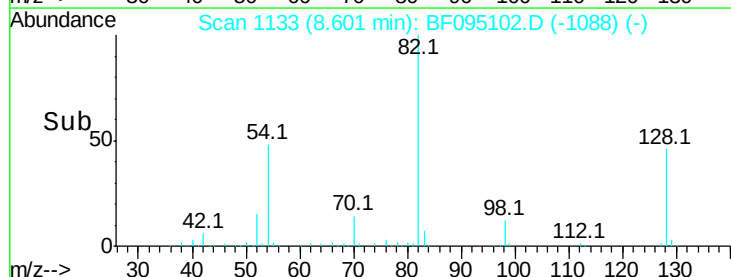
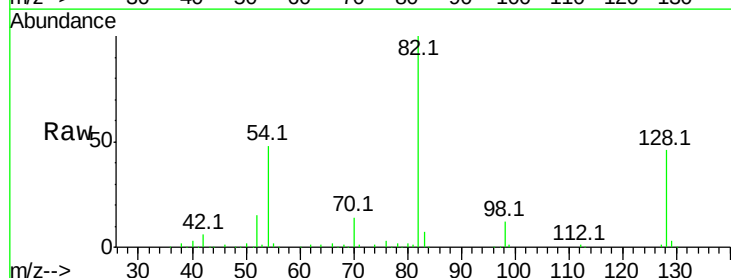
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

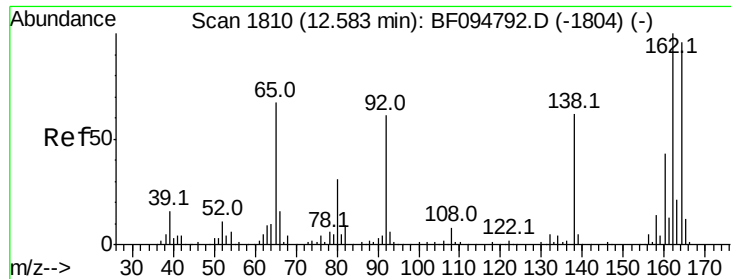
Tot Ion:136	Resp:	399708
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	6.5	4.9 7.3
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.22 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Tgt Ion: 82	Resp:	476808
Ion Ratio	Lower	Upper
82	100	
128	46.0	34.0 51.0
54	48.0	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

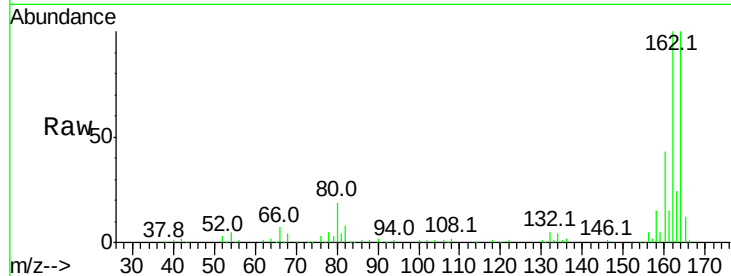
Tot Ion:164 Resp: 180250

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

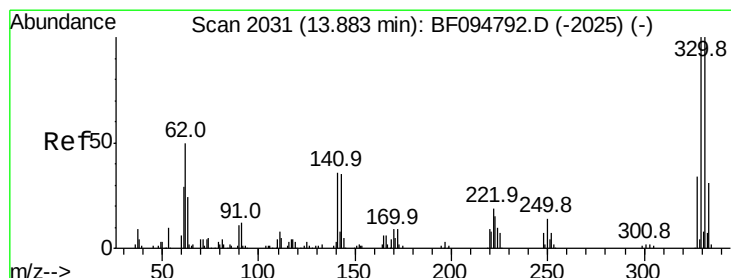
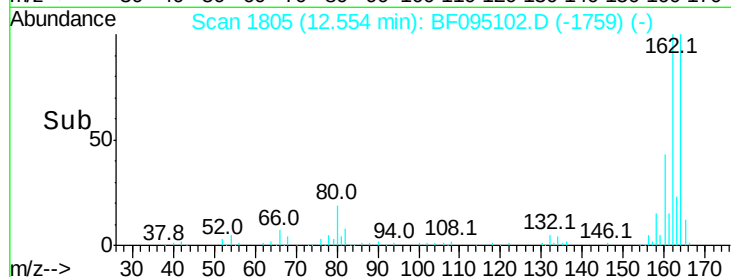
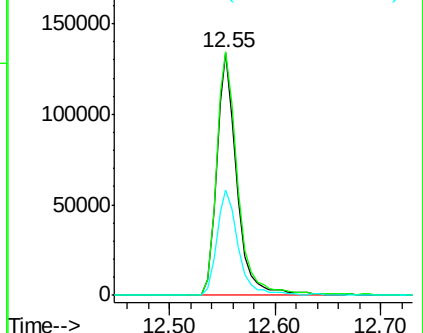
160 43.6 36.2 54.2



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: 124.18 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

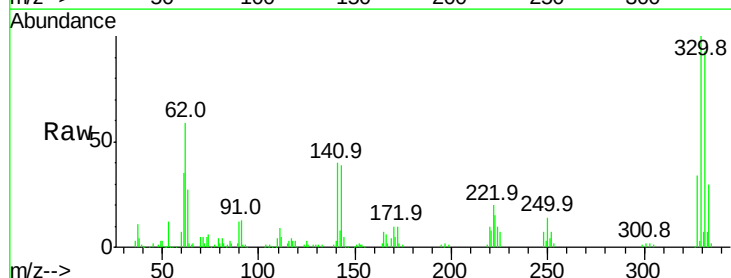
Tgt Ion:330 Resp: 183315

Ion Ratio Lower Upper

330 100

332 93.3 76.6 115.0

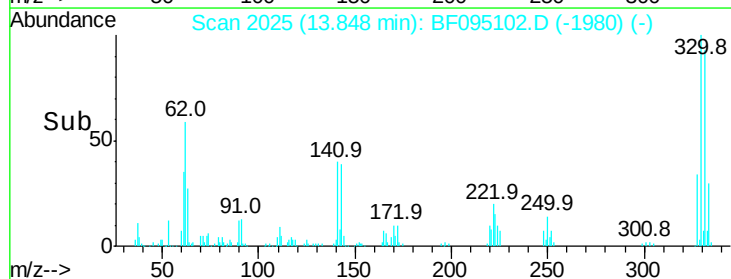
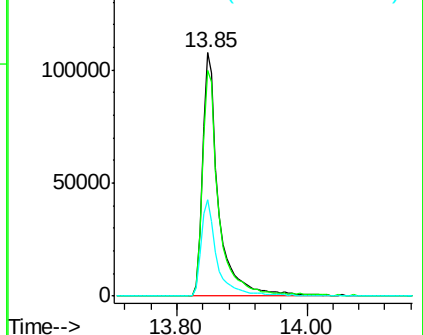
141 39.7 31.4 47.2

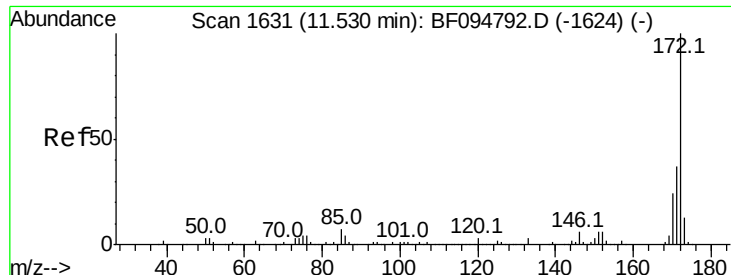


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

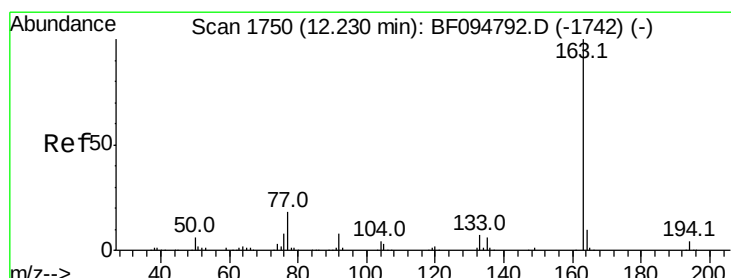
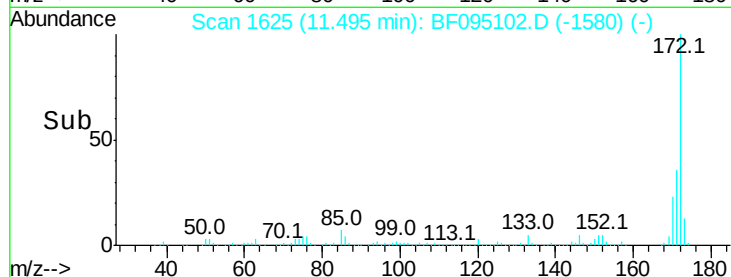
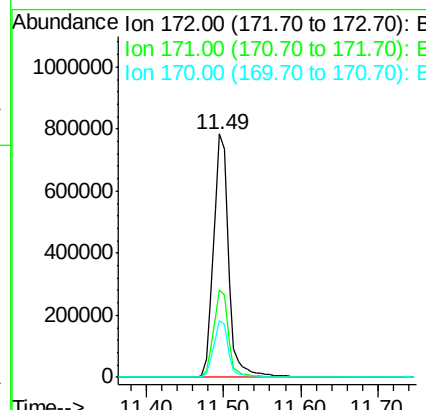
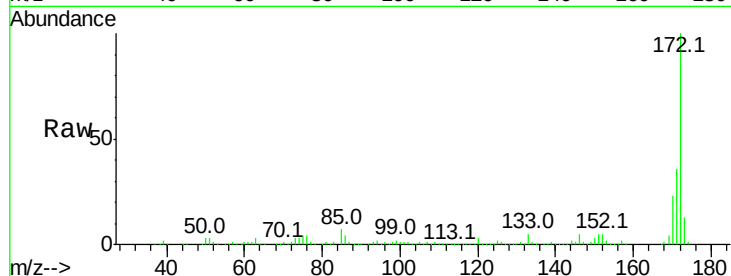




#44
2-Fluorobiphenyl
Concen: 84.13 ng
RT: 11.49 min Scan# 1625
Delta R.T. -0.04 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

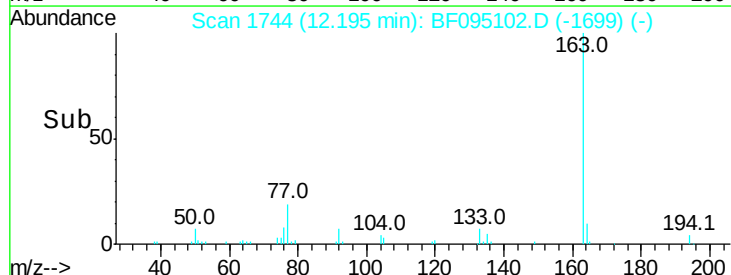
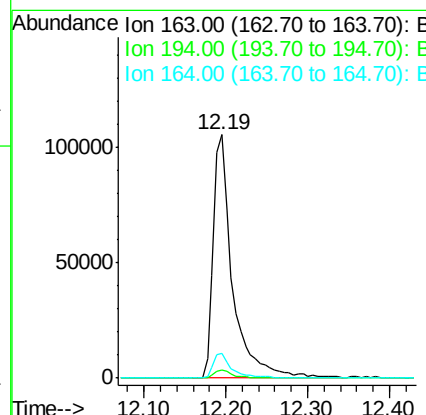
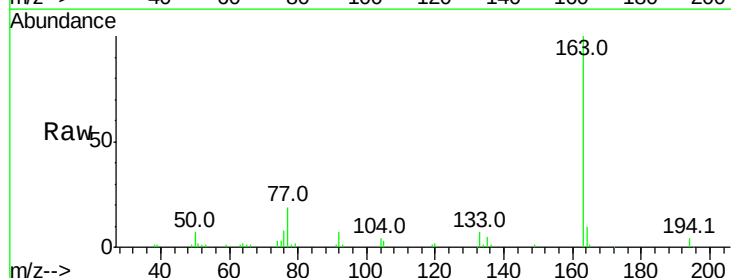
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SB-14-COMP

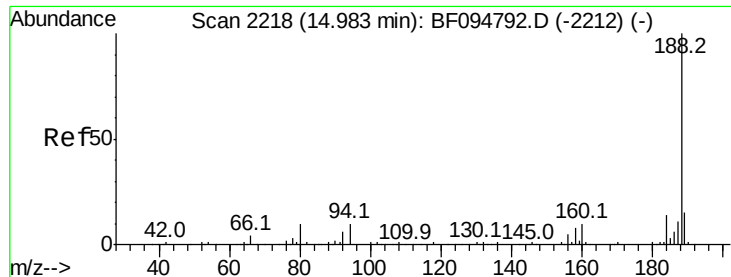
Tot Ion:172 Resp: 1053548
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.72 ng
RT: 12.19 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Tgt Ion:163 Resp: 173461
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

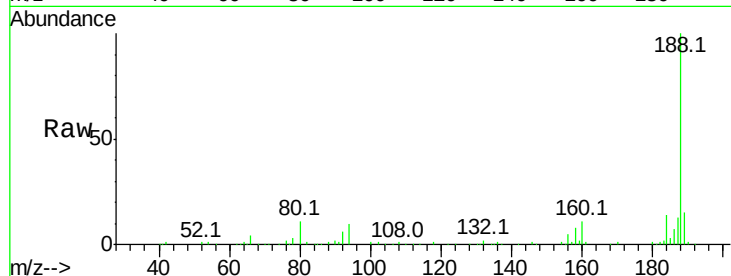




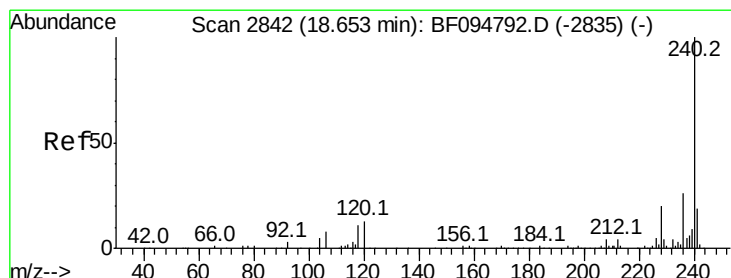
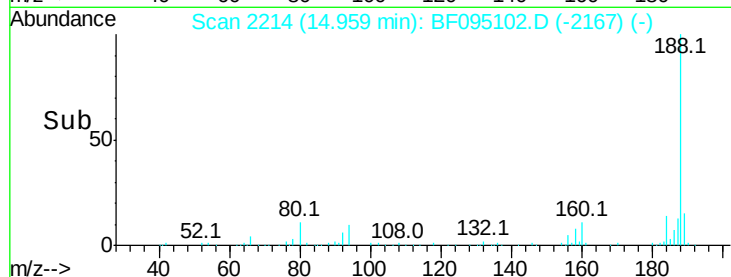
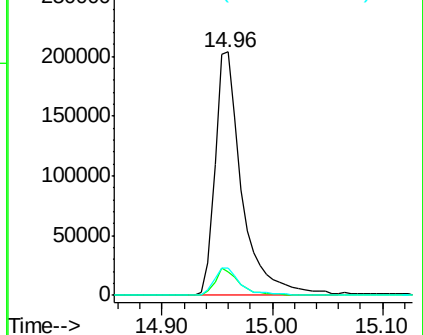
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.4	10.2	15.2

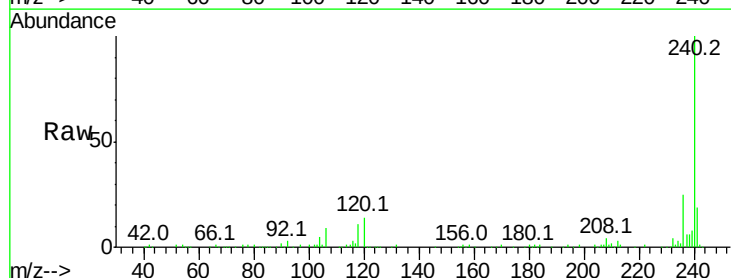


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

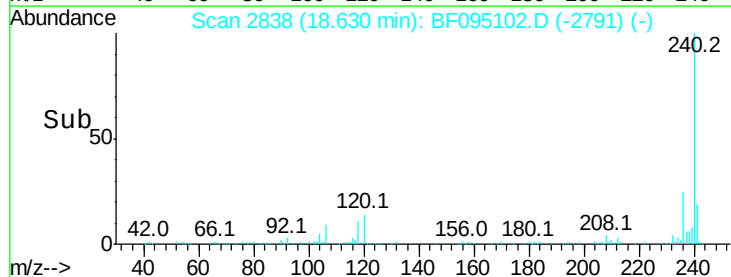
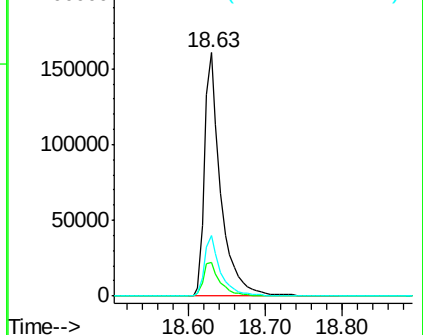


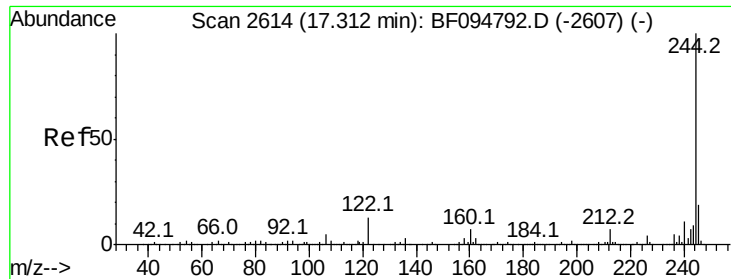
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.8	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

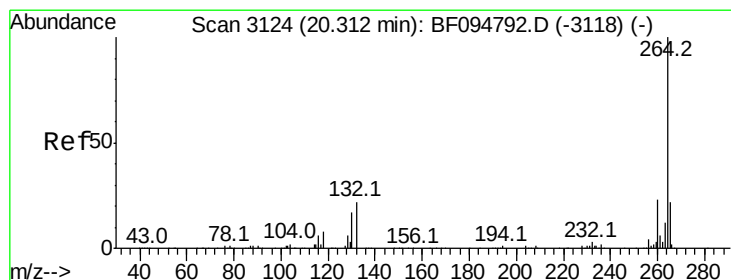
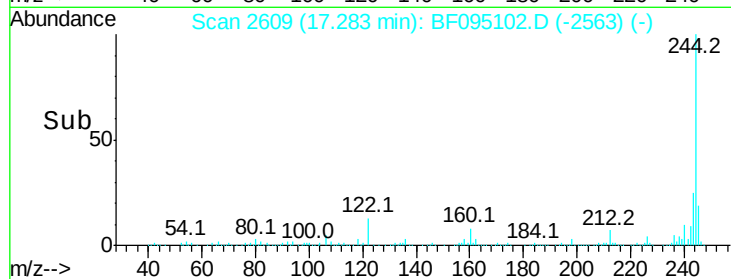
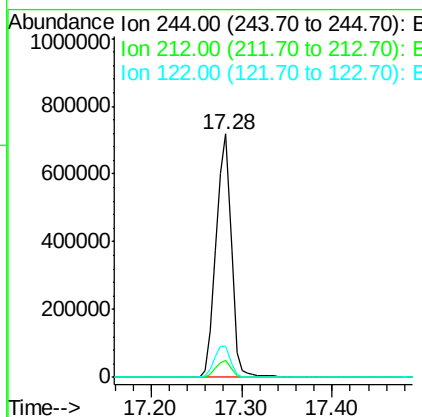
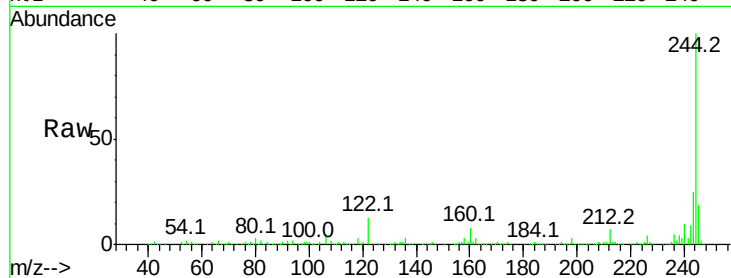




#78
 Terphenyl-d14
 Concen: 78.41 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095102.D
 Acq: 12 May 2017 3:36

Instrument :
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 SB-14-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095102.D
 Acq: 12 May 2017 3:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8

