

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095386.D
 Acq On : 24 May 2017 13:38
 Operator : SJ/MA
 Sample : I3249-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20COMP

Quant Time: May 25 02:17:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

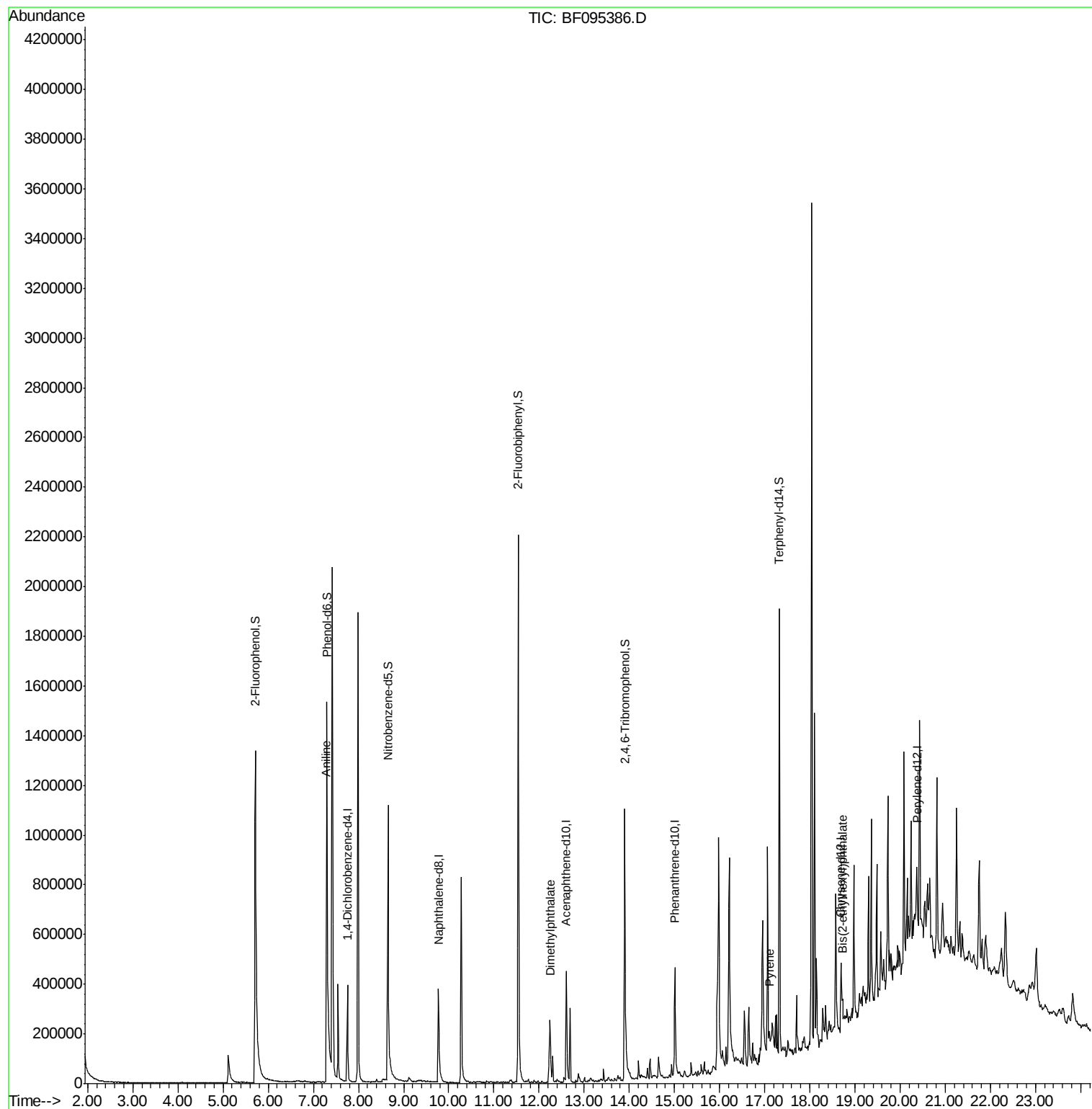
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93291	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	351113	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	152574	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	294032	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	163569	20.00	ng	0.00
86) Perylene-d12	20.37	264	170229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	941655	168.28	ng	-0.02
7) Phenol-d6	7.30	99	1158635	172.57	ng	-0.02
23) Nitrobenzene-d5	8.65	82	626856	112.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	224841	179.94	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1151420	108.62	ng	-0.02
78) Terphenyl-d14	17.32	244	755031	101.67	ng	-0.02
Target Compounds						
6) Aniline	7.28	93	27410	3.23	ng	Qvalue # 58
49) Dimethylphthalate	12.24	163	194174	15.50	ng	97
77) Pyrene	17.11	202	27087	2.21	ng	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	21548	2.66	ng	91

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

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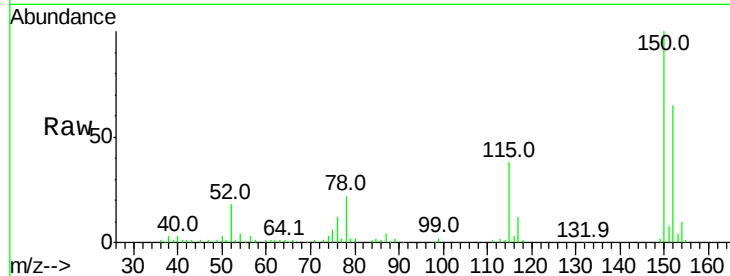


#1

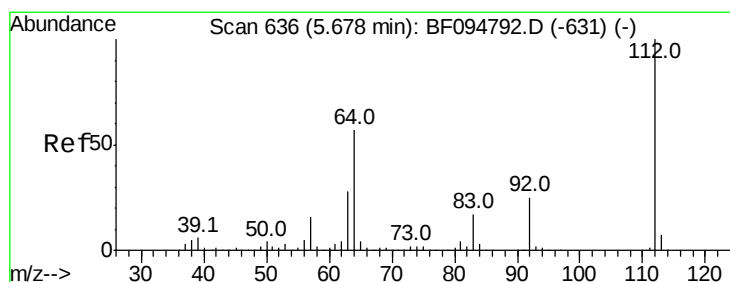
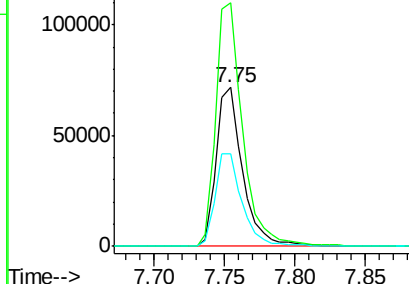
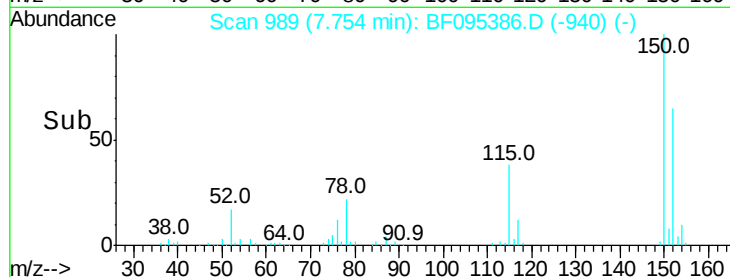
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-20COMP

Tot Ion:152 Resp: 93291
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.2 189.2
 115 58.5 52.2 78.2



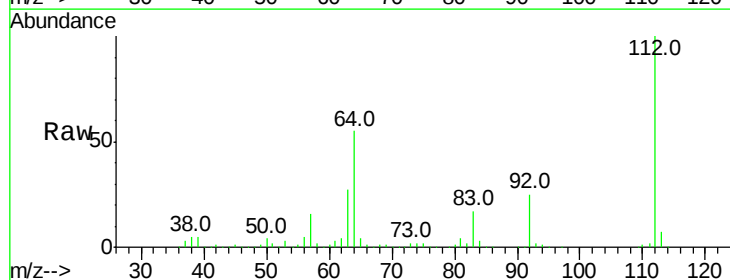
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



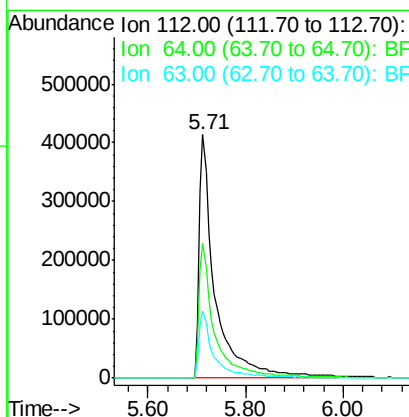
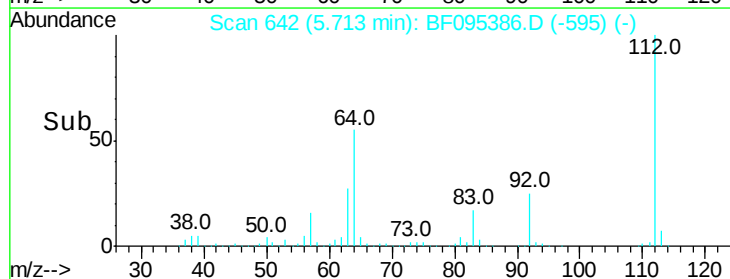
#5

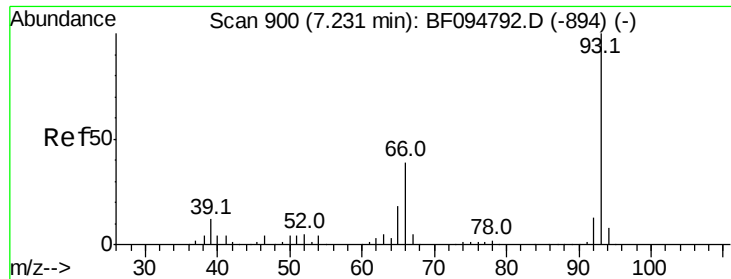
2-Fluorophenol
 Concen: 168.28 ng
 RT: 5.71 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

Tgt Ion:112 Resp: 941655
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.0 69.0
 63 27.3 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





#6

Aniline

Concen: 3.23 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SB-20COMP

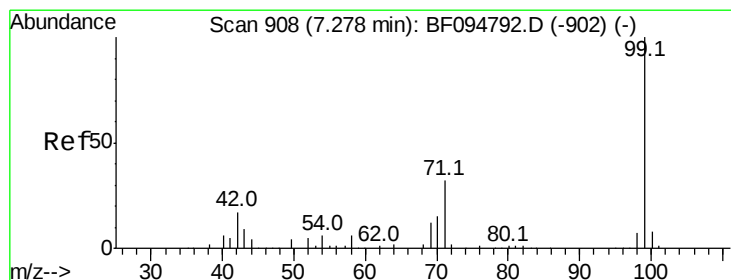
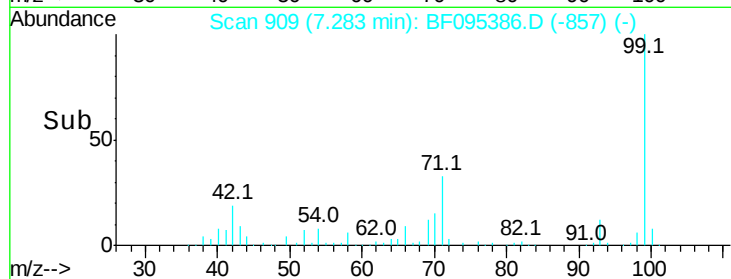
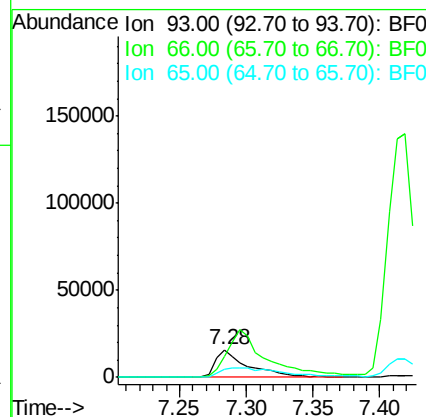
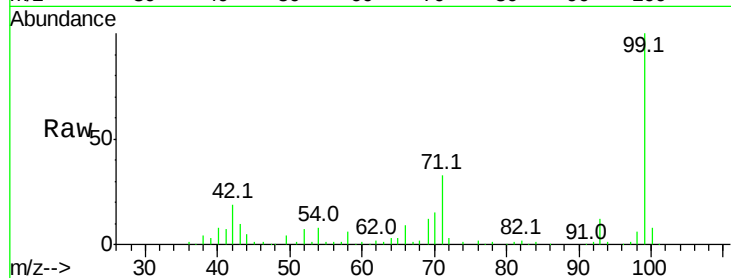
Tot Ion: 93 Resp: 27410

Ion Ratio Lower Upper

93 100

66 74.3 32.9 49.3#

65 28.7 16.0 24.0#



#7

Phenol-d6

Concen: 172.57 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

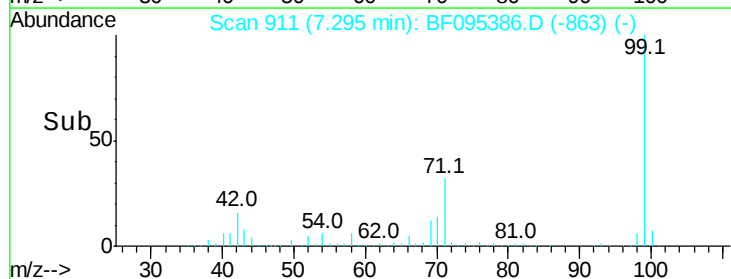
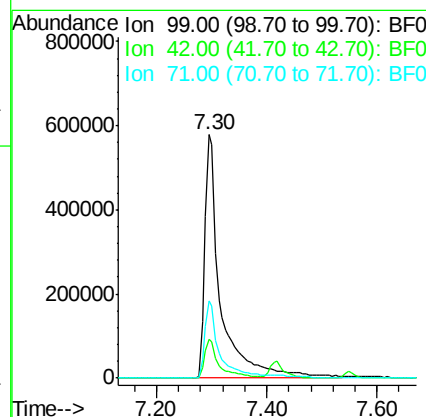
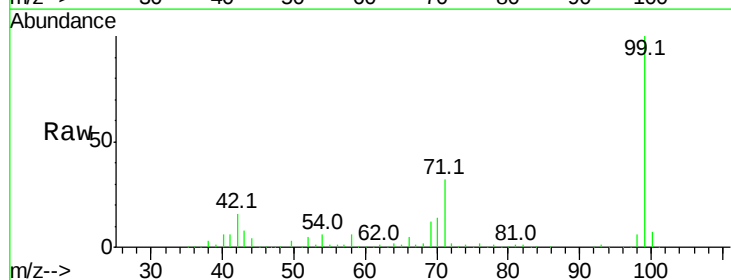
Tgt Ion: 99 Resp: 1158635

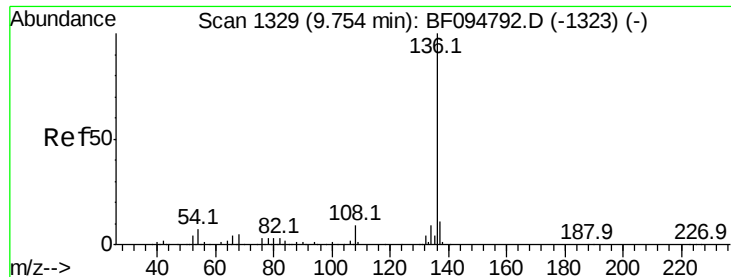
Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.6 24.5 36.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SB-20COMP

Tot Ion:136 Resp: 351113

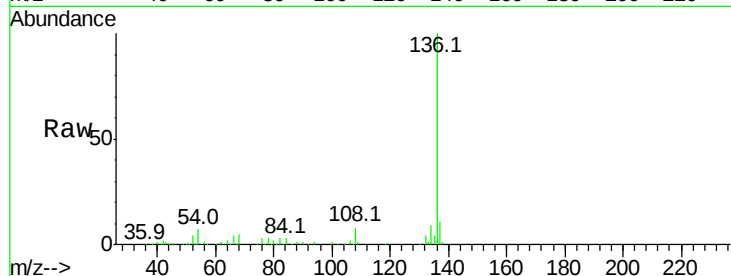
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.1 4.1 6.1

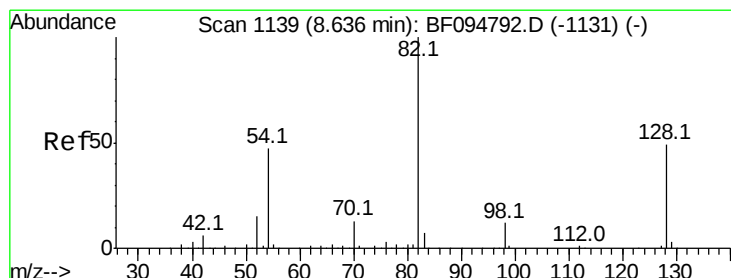
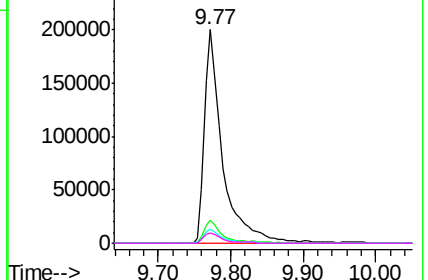
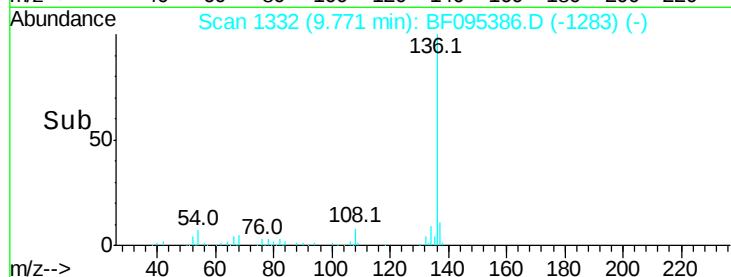


Abundance Ion 136.00 (135.70 to 136.70): E

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: 112.58 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

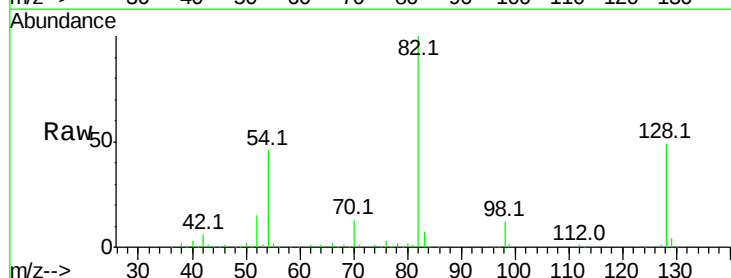
Tgt Ion: 82 Resp: 626856

Ion Ratio Lower Upper

82 100

128 49.3 34.0 51.0

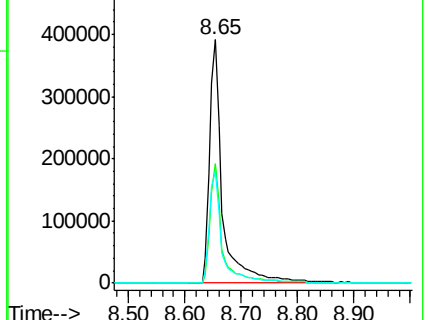
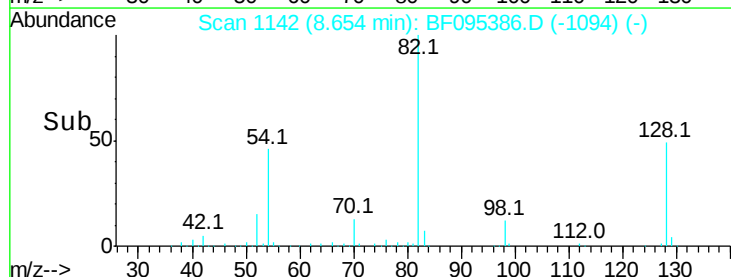
54 46.0 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SB-20COMP

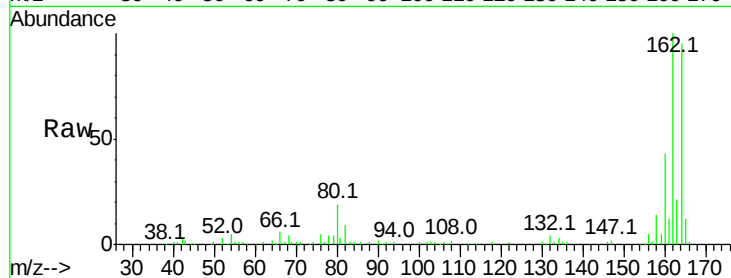
Tot Ion:164 Resp: 152574

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

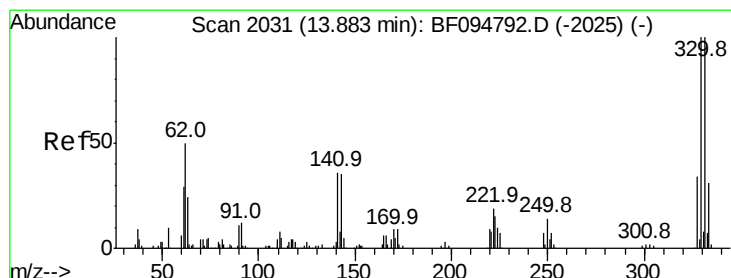
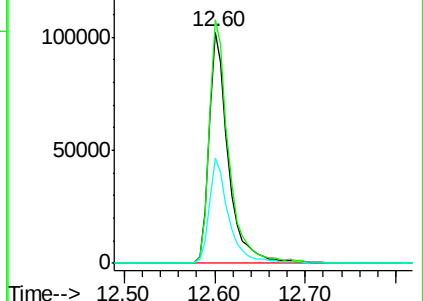
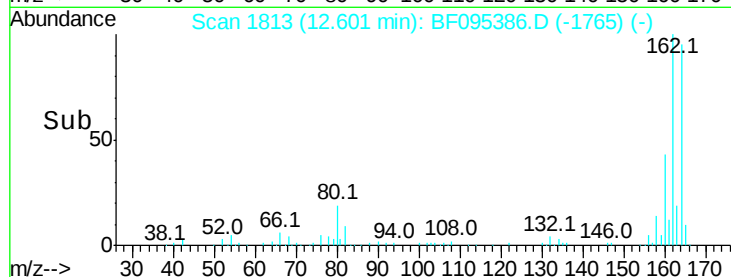
160 45.6 36.2 54.2



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: 179.94 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

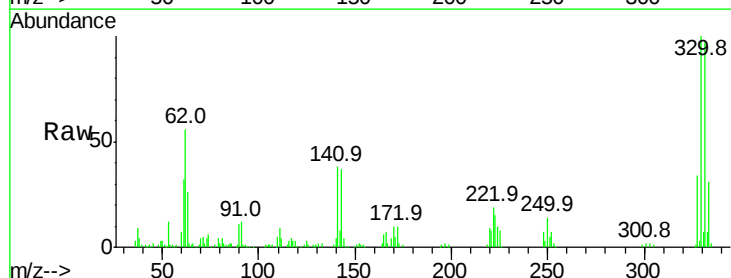
Tgt Ion:330 Resp: 224841

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

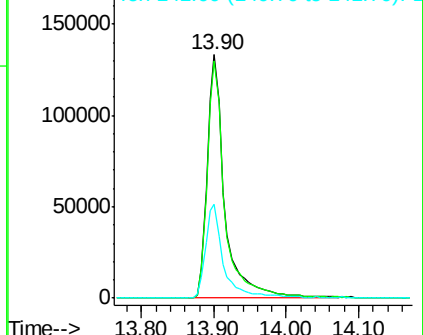
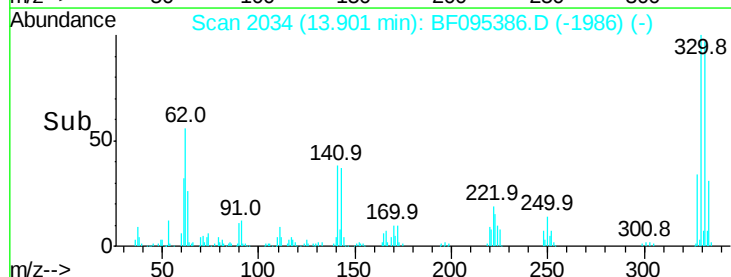
141 39.7 31.4 47.2



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

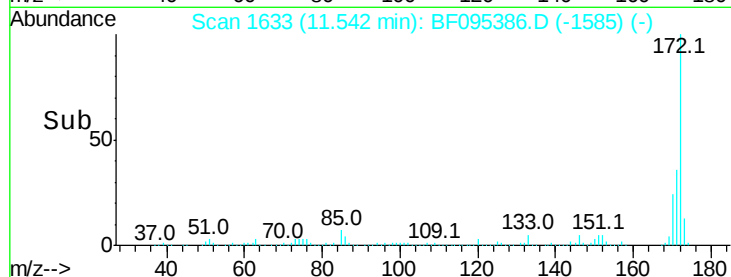
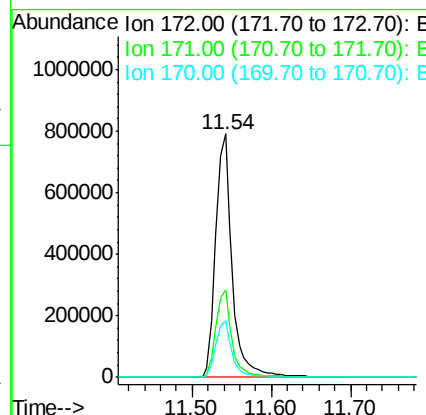
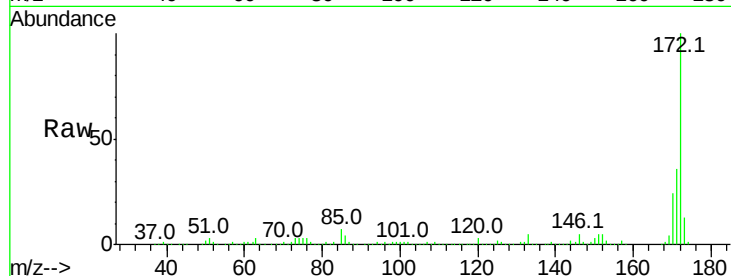




#44
2-Fluorobiphenyl
Concen: 108.62 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

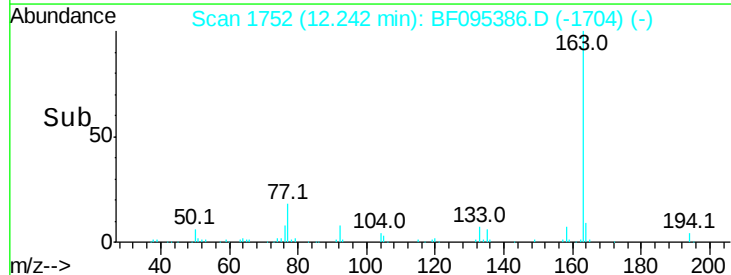
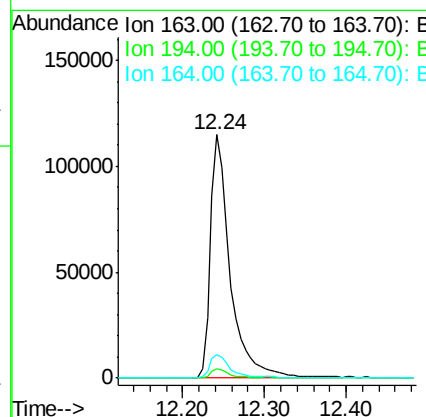
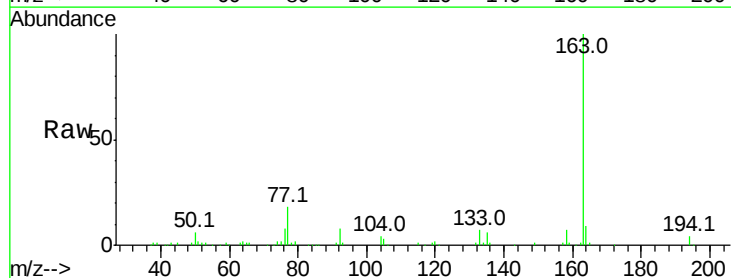
Instrument :
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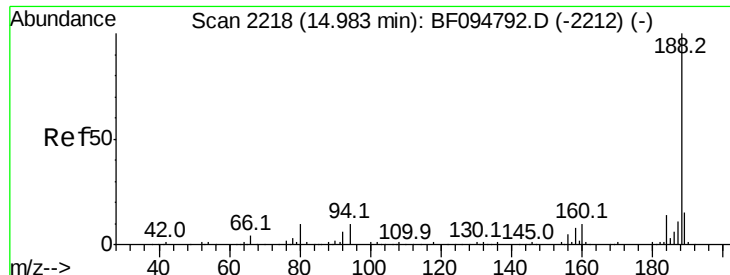
Tot Ion:172 Resp: 1151420
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 15.50 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Tgt Ion:163 Resp: 194174
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.4 8.4 12.6

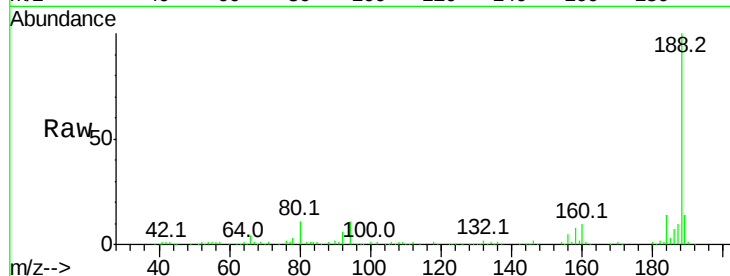




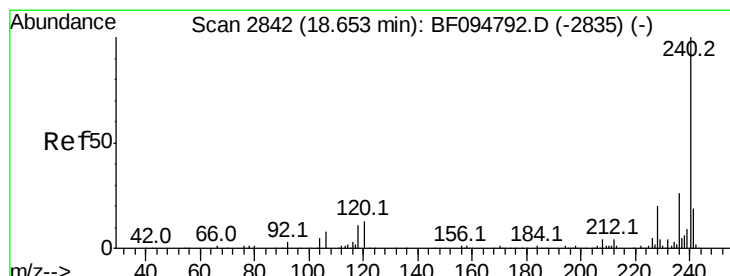
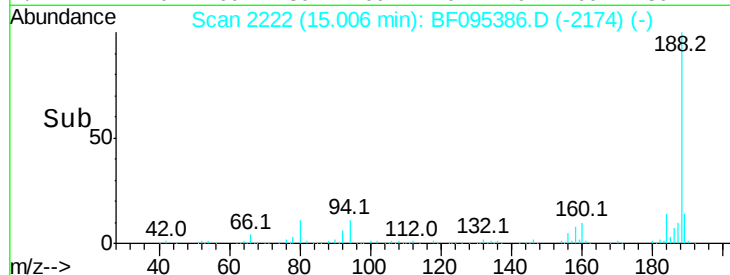
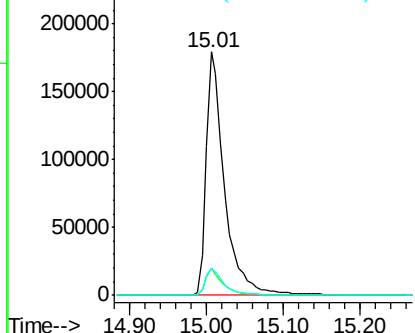
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SB-20COMP

Tot Ion:188 Resp: 294032
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2

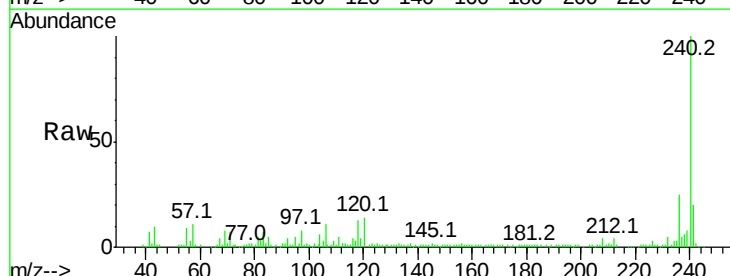


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

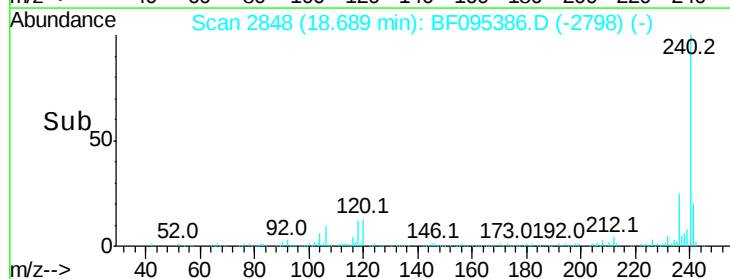
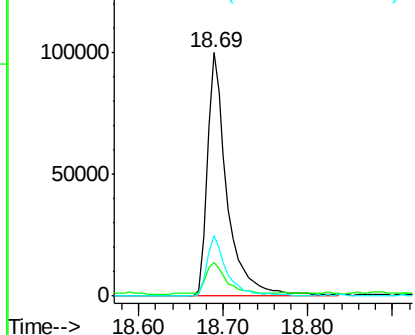


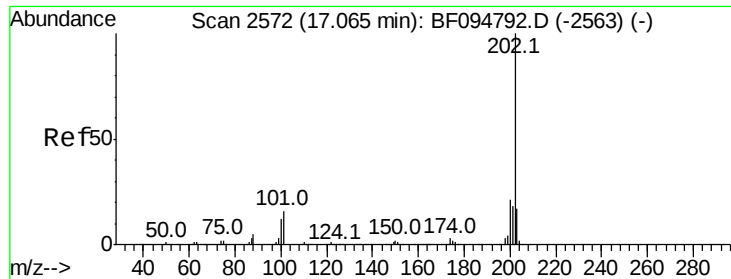
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Tgt Ion:240 Resp: 163569
Ion Ratio Lower Upper
240 100
120 14.0 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

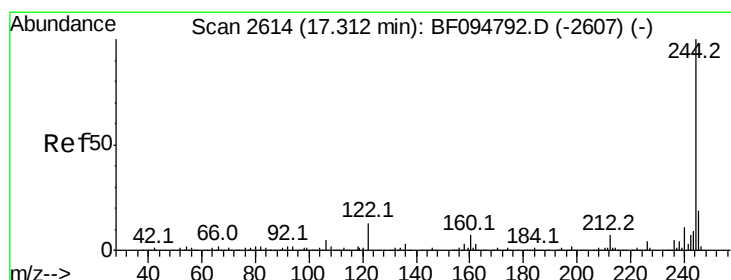
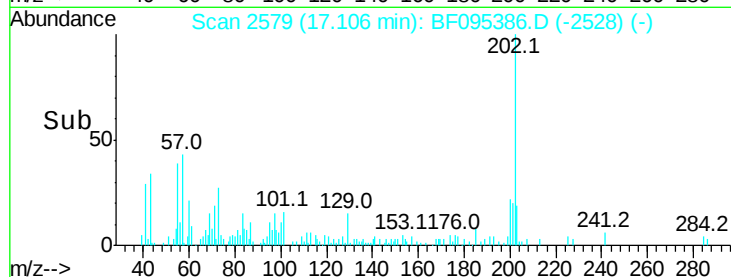
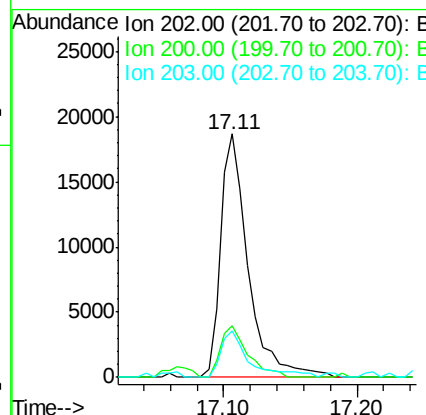
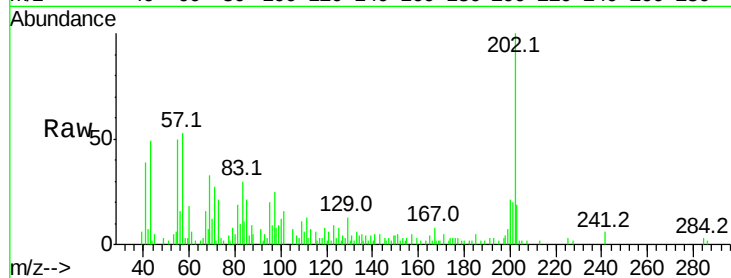




#77
Pvrene
Concen: 2.21 ng
RT: 17.11 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

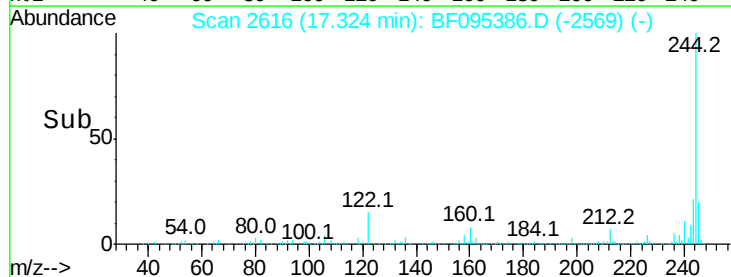
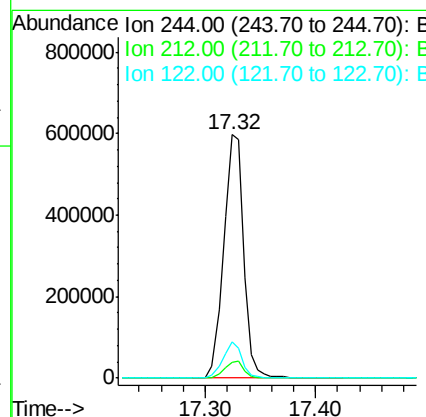
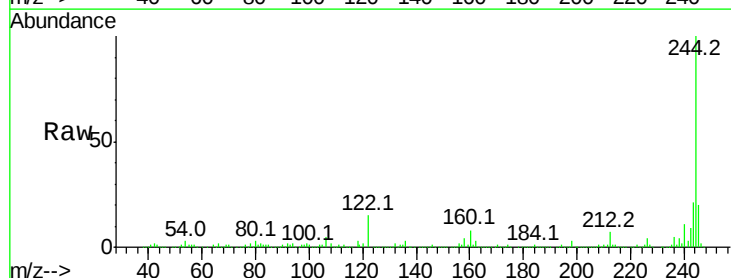
Instrument :
BNA_F
ClientSampleId :
SB-20COMP

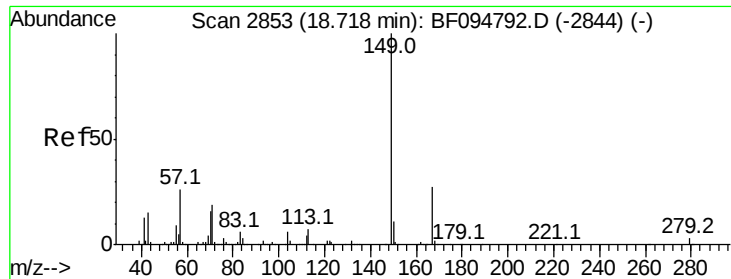
Tot Ion:202 Resp: 27087
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 19.0 14.4 21.6



#78
Terphenyl-d14
Concen: 101.67 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Tgt Ion:244 Resp: 755031
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.7 10.3 15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.66 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

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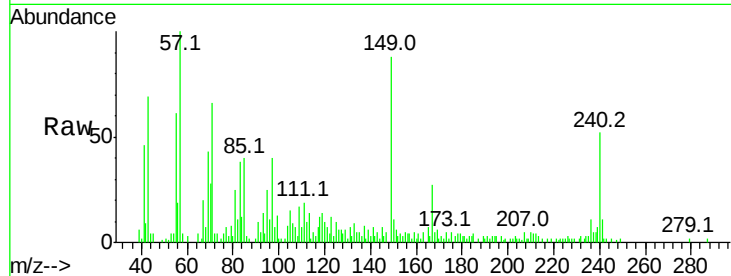
Tot Ion:149 Resp: 21548

Ion Ratio Lower Upper

149 100

167 31.3 21.0 31.4

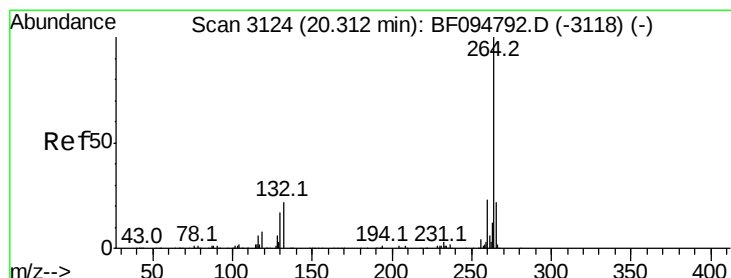
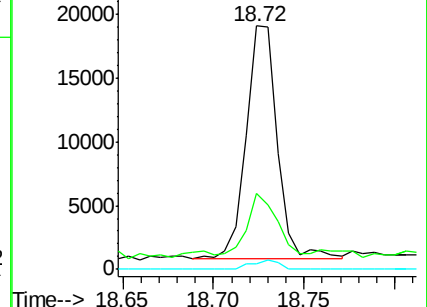
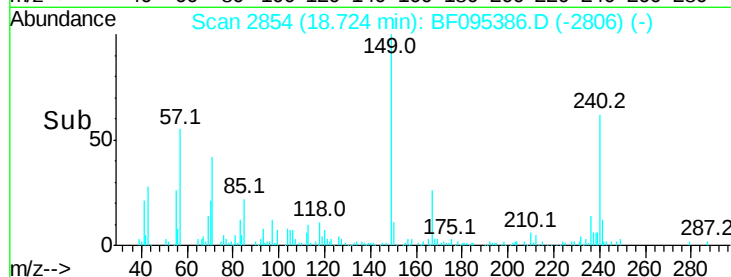
279 2.2 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

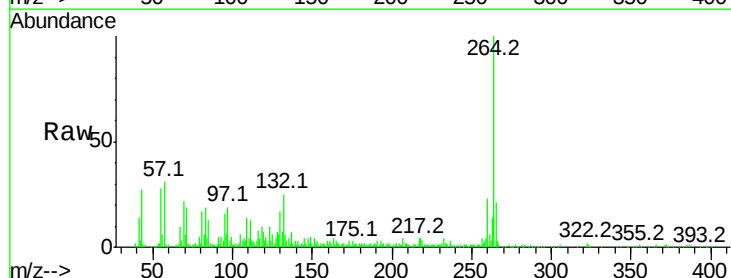
Tgt Ion:264 Resp: 170229

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.6 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

