

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
 Data File : BE095044.D
 Acq On : 22 Dec 2017 14:05
 Operator : SJ/JU
 Sample : I7014-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171219

Quant Time: Dec 22 18:02:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

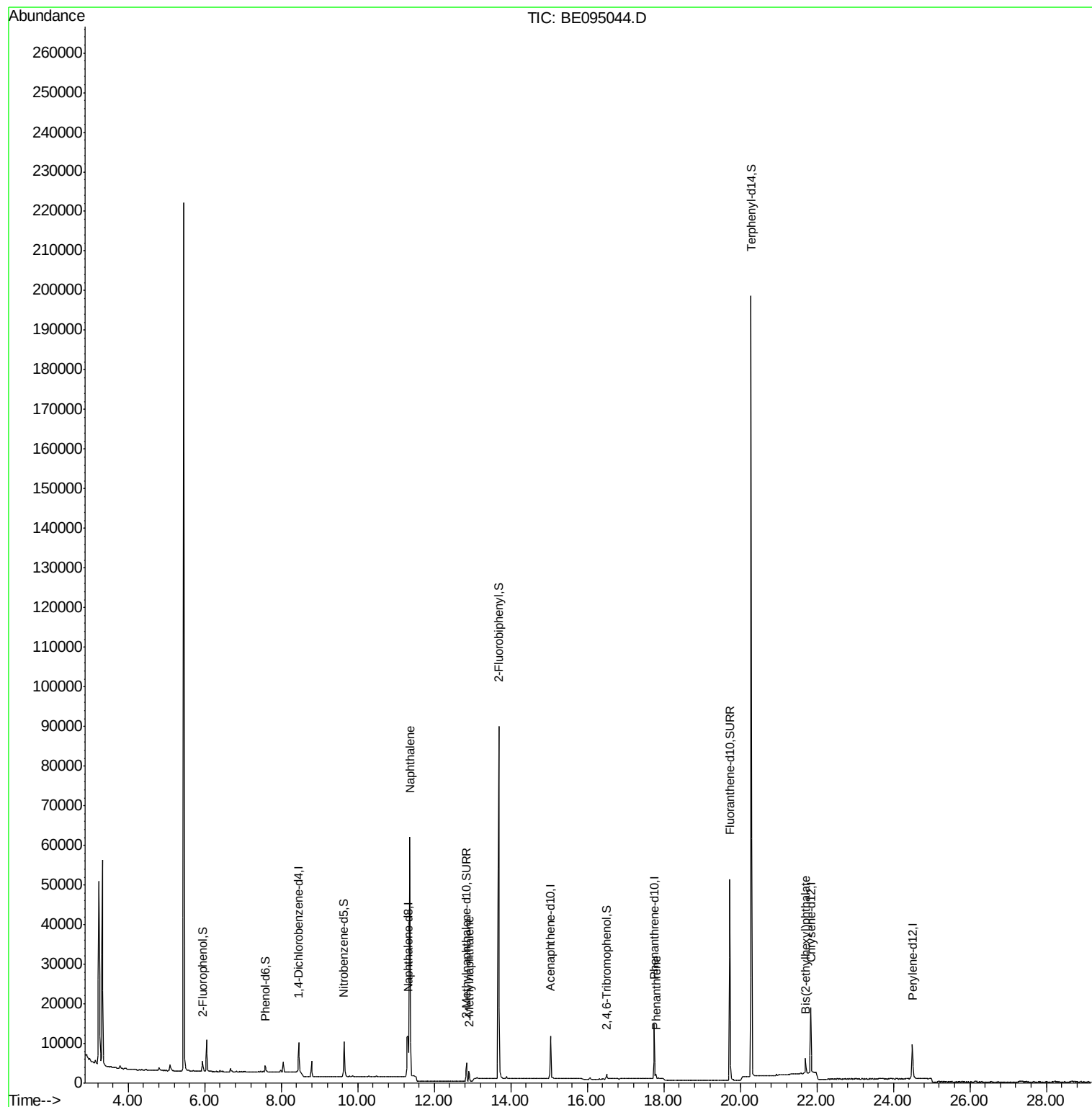
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5960	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13915	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7674	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17698	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17130	0.40	ng	-0.03
34) Perylene-d12	24.49	264	14371	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1424	0.15	ng	-0.01
5) Phenol-d6	7.58	99	1332	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4151	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	6413	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	806	0.45	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	85600	2.52	ng	-0.01
25) Fluoranthene-d10	19.72	212	65040	0.28	ng	-0.03
29) Terphenyl-d14	20.28	244	186836	5.79	ng	-0.03
Target Compounds						
9) Naphthalene	11.36	128	122855	0.752	ng	99
12) 2-Methylnaphthalene	12.91	142	1752	0.043	ng	97
23) Phenanthrene	17.79	178	1236	0.022	ng	98
32) Bis(2-ethylhexyl)phthalate	21.70	149	5037	0.079	ng	100

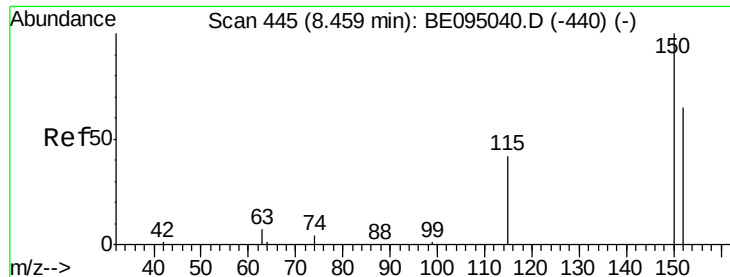
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

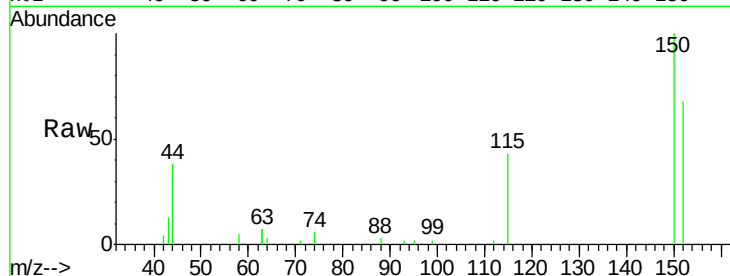
Tot Ion:152 Resp: 5960

Ion Ratio Lower Upper

152 100

150 146.1 117.2 175.8

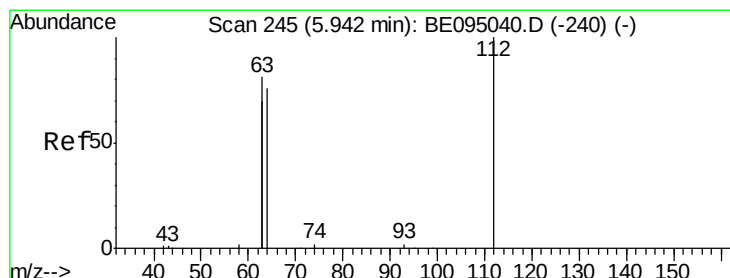
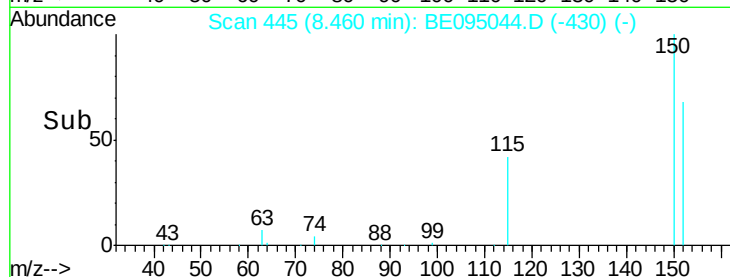
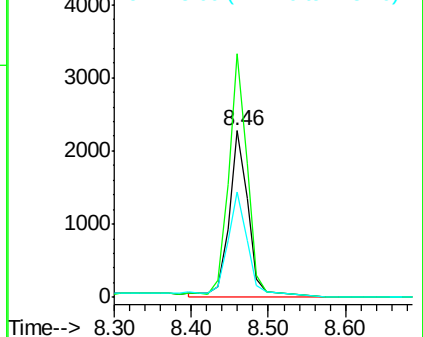
115 63.2 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

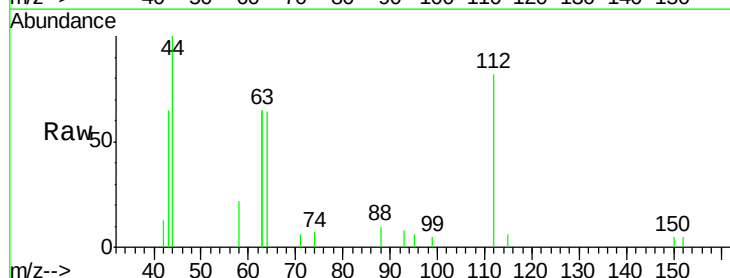
Tgt Ion:112 Resp: 1424

Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

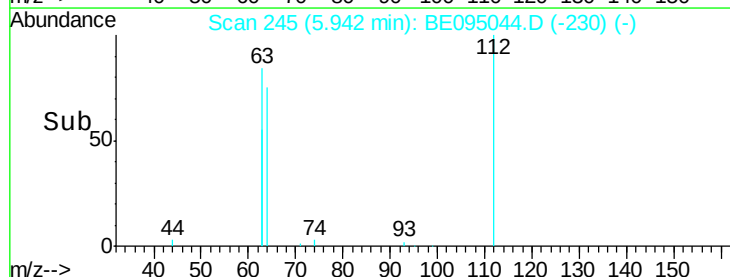
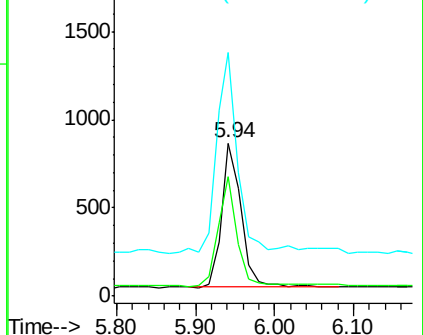
63 147.5 116.8 175.2

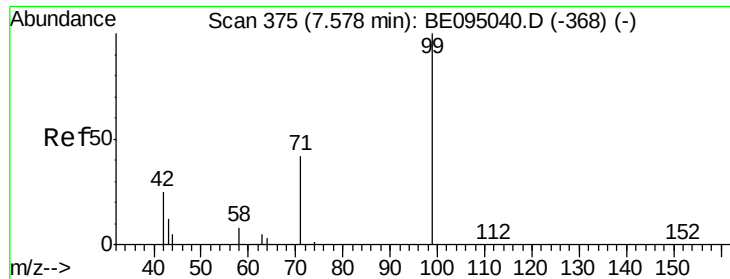


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

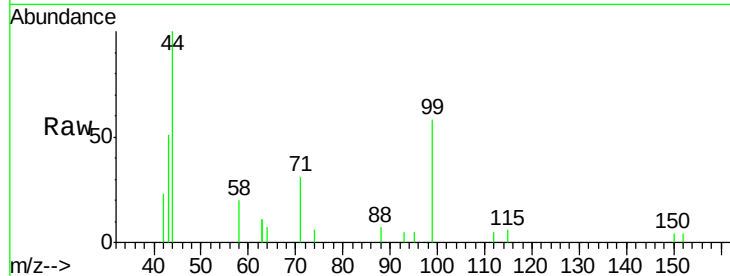
Tot Ion: 99 Resp: 1332

Ion Ratio Lower Upper

99 100

42 31.2 20.2 30.2#

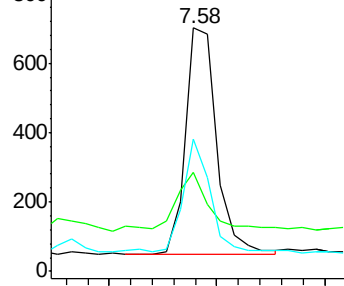
71 44.7 28.4 42.6#



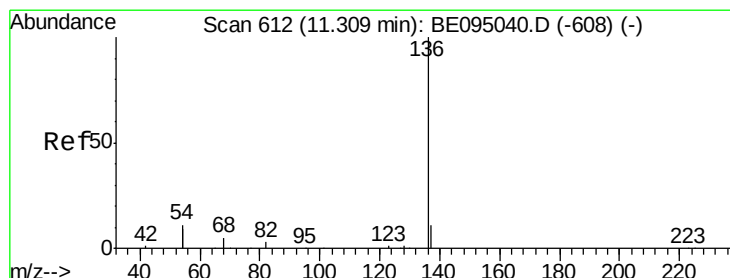
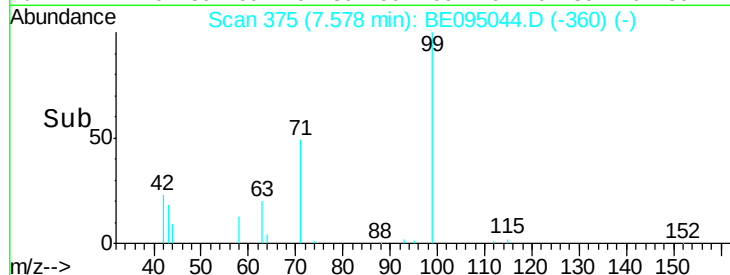
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Tgt Ion: 136 Resp: 13915

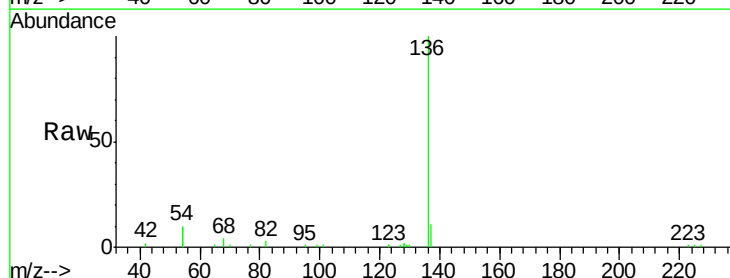
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 19.0 29.1 43.7#

68 4.2 6.2 9.2#

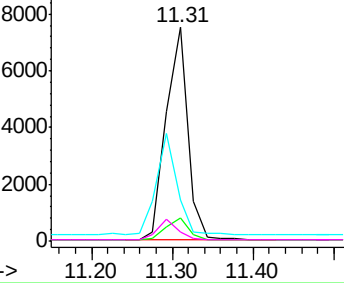


Abundance Ion 136.00 (135.70 to 136.70): BE0

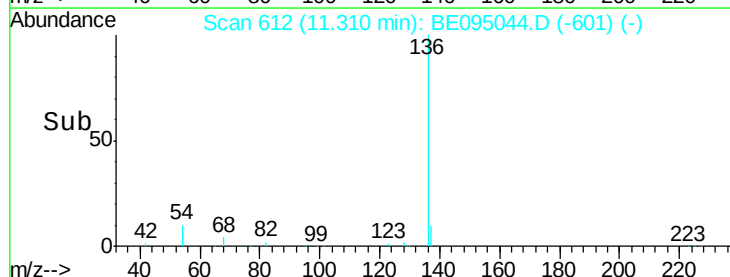
Ion 137.00 (136.70 to 137.70): BE0

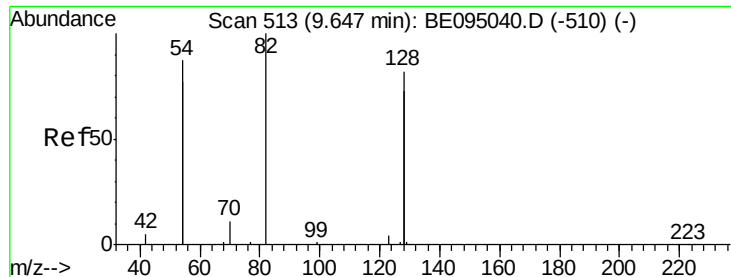
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

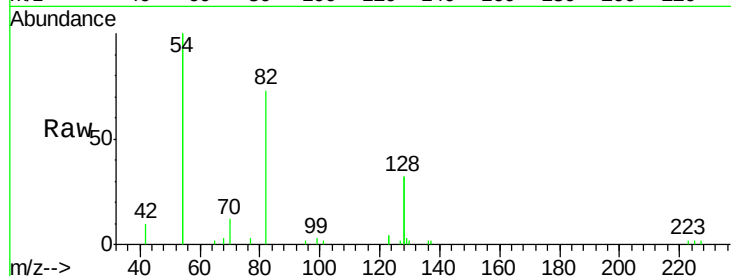
Tot Ion: 82 Resp: 4151

Ion Ratio Lower Upper

82 100

128 88.7 150.0 225.0#

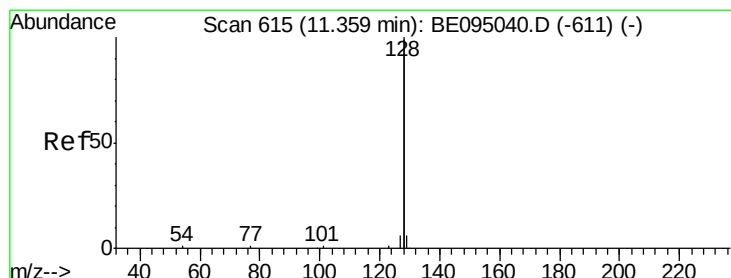
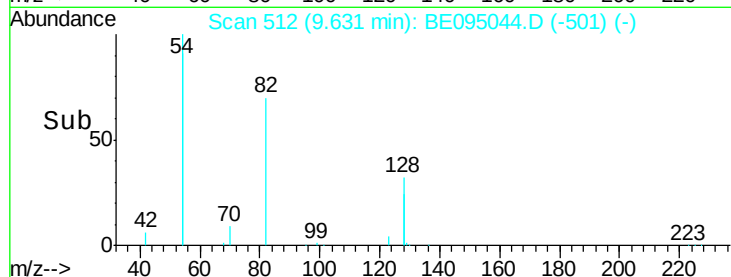
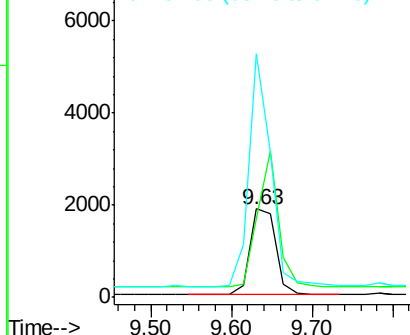
54 275.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095040.D (-510) (-)

Ion 128.00 (127.70 to 128.70): BE095040.D (-510) (-)

Ion 54.00 (53.70 to 54.70): BE095040.D (-510) (-)



#9

Naphthalene

Concen: 0.752 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

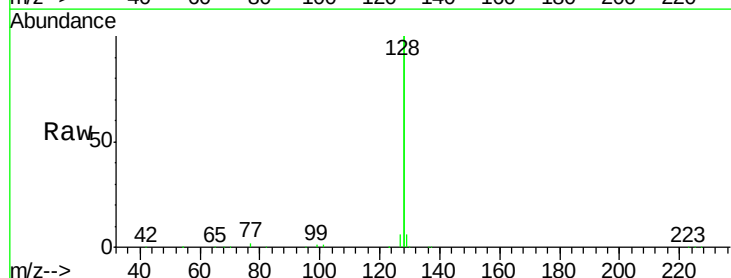
Tgt Ion: 128 Resp: 122855

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

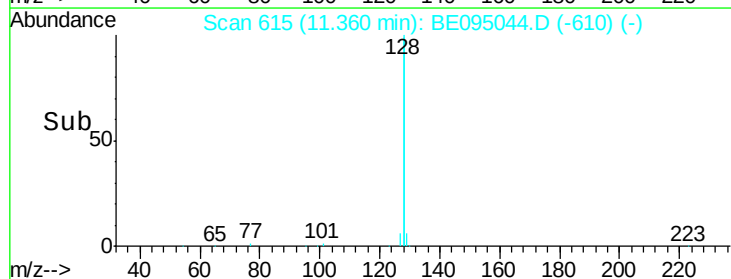
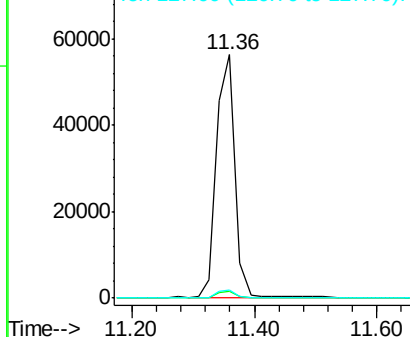
127 3.2 2.8 4.2

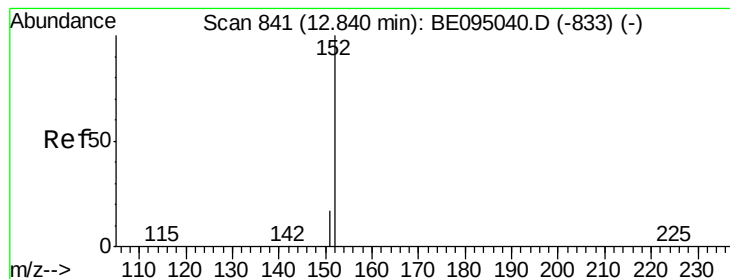


Abundance Ion 128.00 (127.70 to 128.70): BE095040.D (-611) (-)

Ion 129.00 (128.70 to 129.70): BE095040.D (-611) (-)

Ion 127.00 (126.70 to 127.70): BE095040.D (-611) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

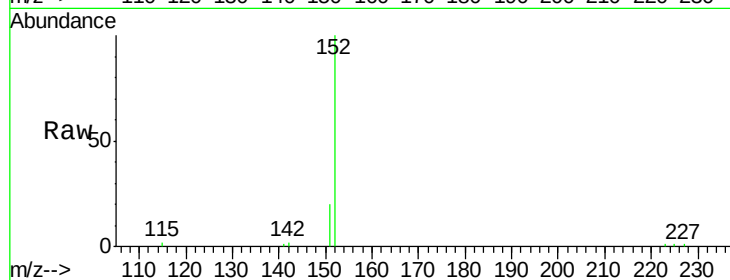
OUTFALL001-171219

Tot Ion:152 Resp: 6413

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

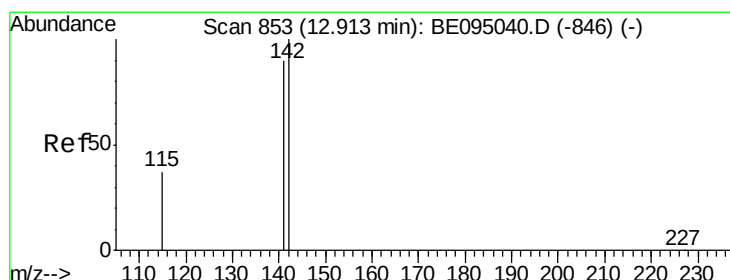
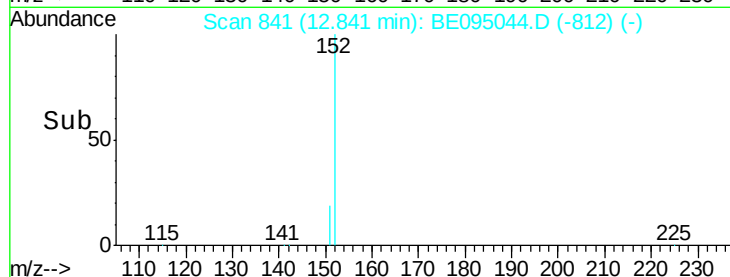
3000

2000

1000

0

Time--> 12.70 12.80 12.90 13.00



#12

2-Methylnaphthalene

Concen: 0.043 ng

RT: 12.91 min Scan# 853

Delta R.T. -0.02 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

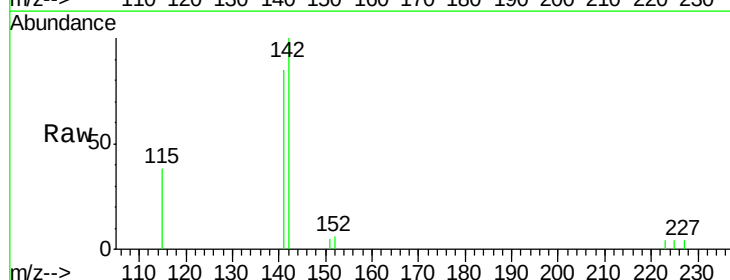
Tgt Ion:142 Resp: 1752

Ion Ratio Lower Upper

142 100

141 85.1 70.4 105.6

115 38.4 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

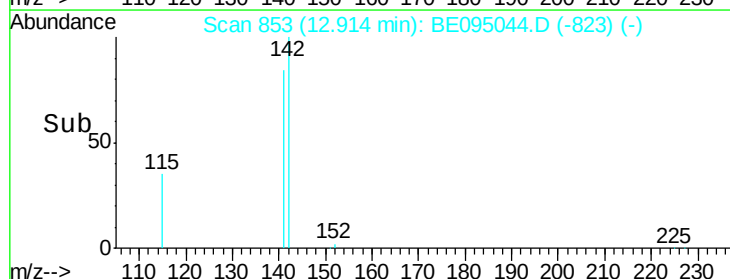
1500

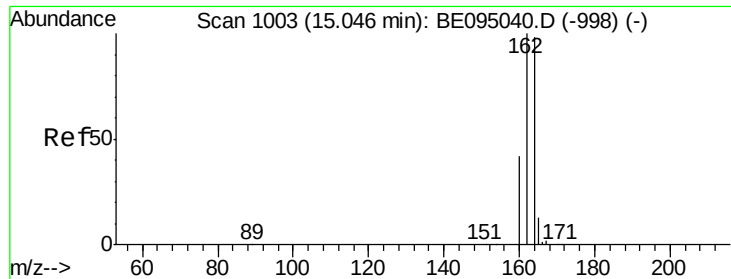
1000

500

0

Time--> 12.85 12.90 12.95

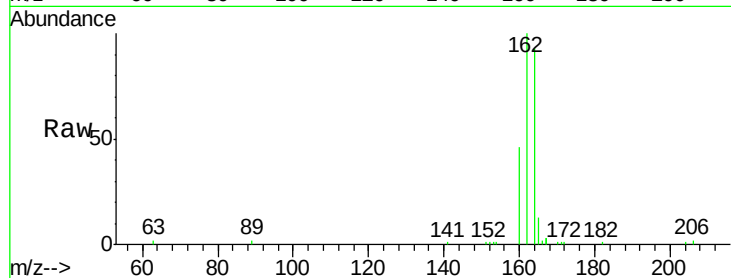




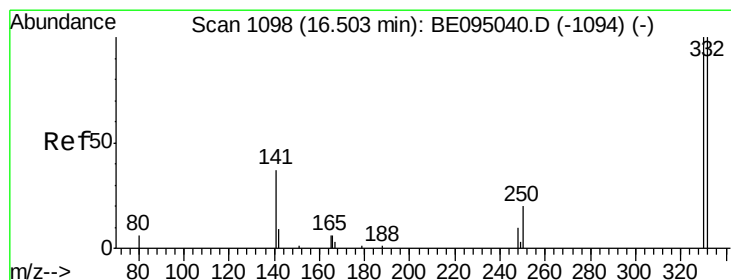
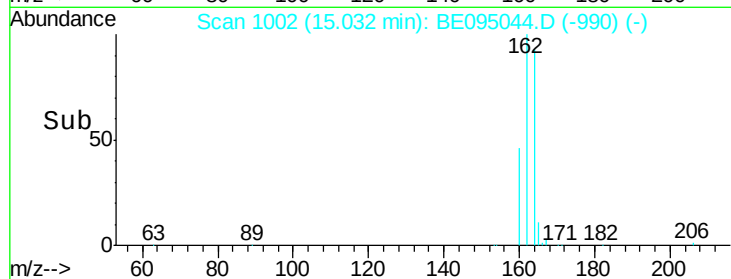
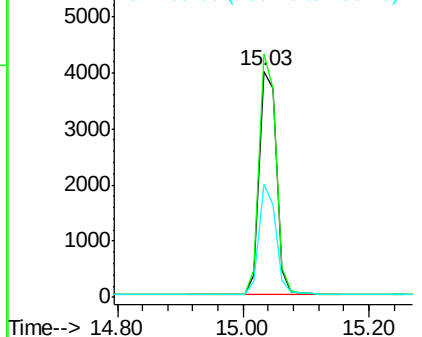
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.03 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BE095044.D
 Acq: 22 Dec 2017 14:05

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171219

Tot Ion:164 Resp: 7674
 Ion Ratio Lower Upper
 164 100
 162 107.6 83.1 124.7
 160 49.9 37.1 55.7

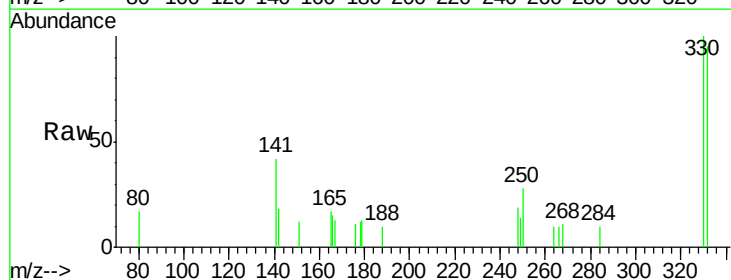


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

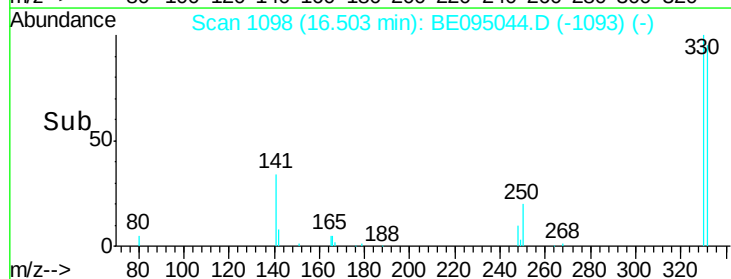
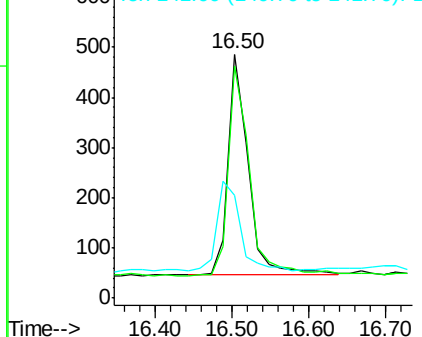


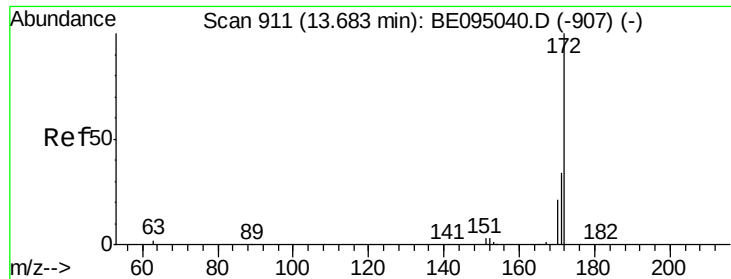
#14
 2,4,6-Tribromophenol
 Concen: 0.452 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095044.D
 Acq: 22 Dec 2017 14:05

Tgt Ion:330 Resp: 806
 Ion Ratio Lower Upper
 330 100
 332 101.7 152.7 229.1#
 141 45.8 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

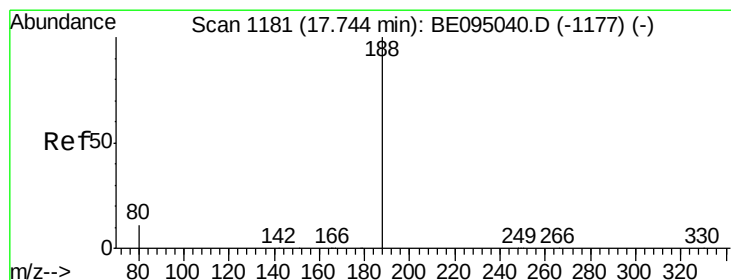
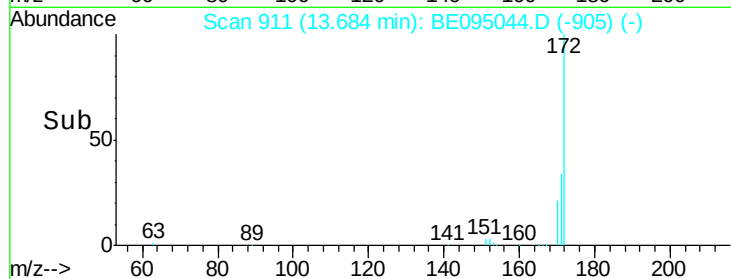
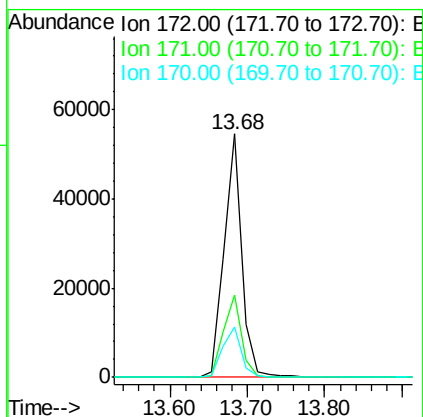
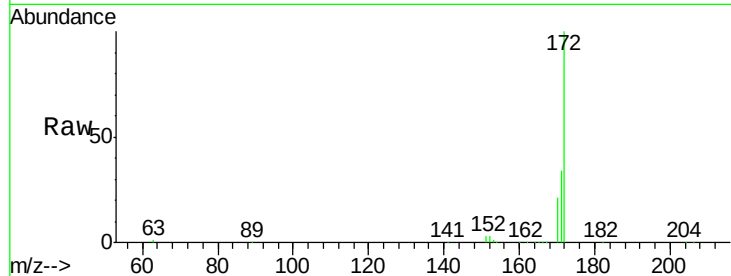




#15
2-Fluorobiphenyl
Concen: 2.517 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

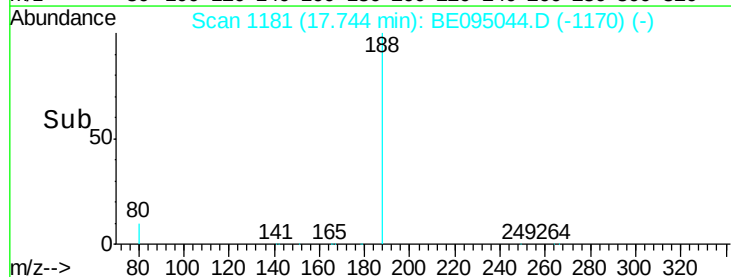
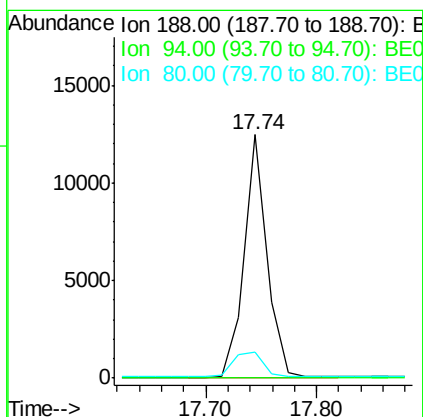
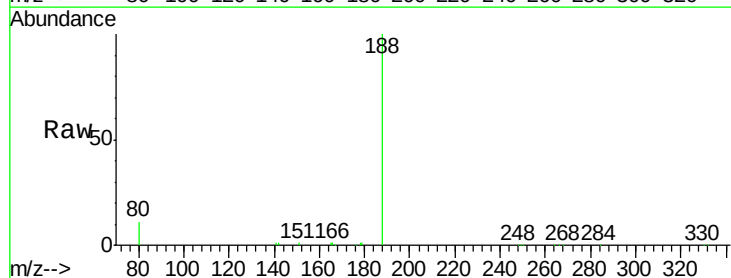
Instrument :
BNA_E
ClientSampleId :
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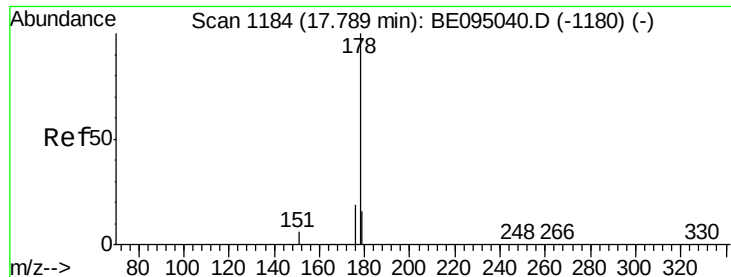
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	20.7	21.8	32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9
80	10.6	3.6	5.4





#23

Phenanthrene

Concen: 0.022 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

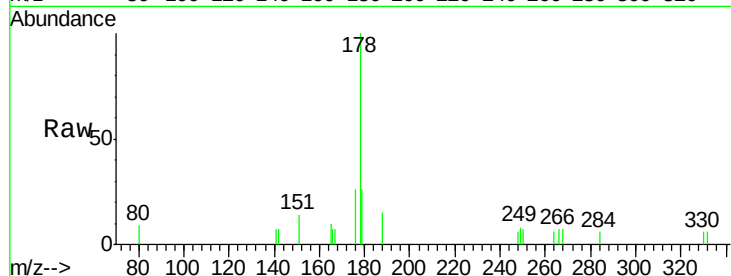
Tot Ion:178 Resp: 1236

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

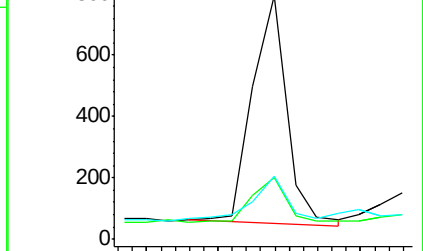
179 16.6 11.8 17.6



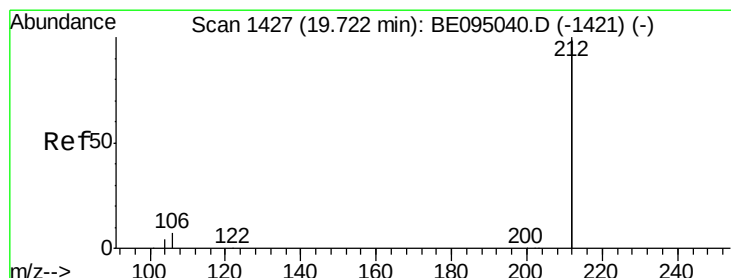
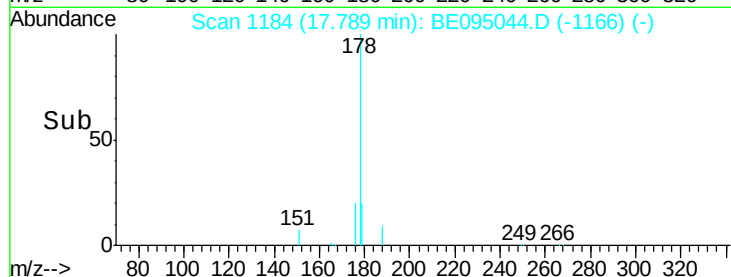
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

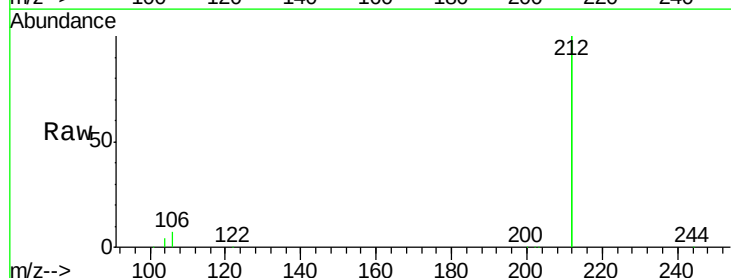
Tgt Ion:212 Resp: 65040

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

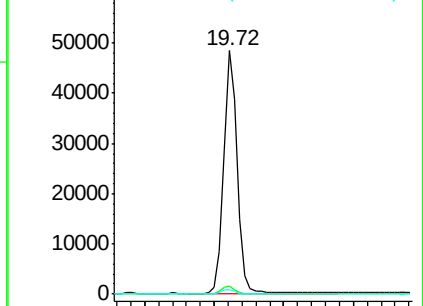
104 1.8 1.6 2.4



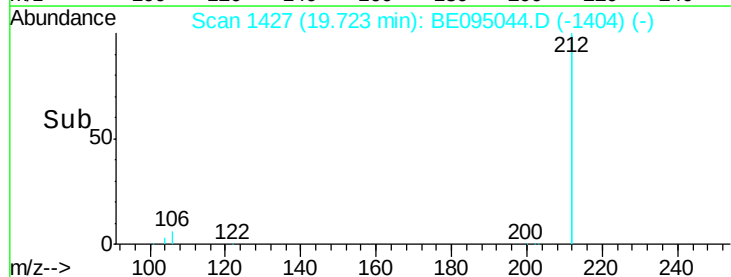
Abundance Ion 212.00 (211.70 to 212.70): E

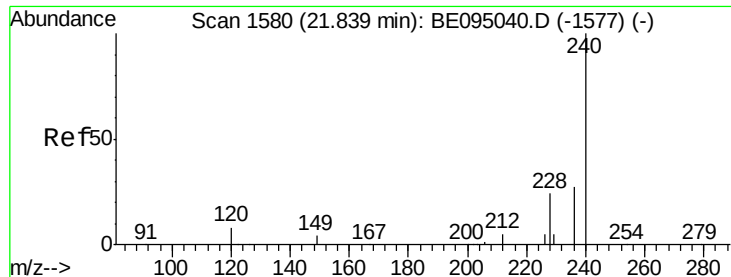
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

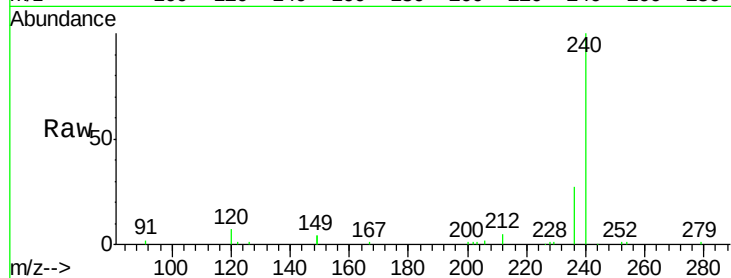
Tot Ion:240 Resp: 17130

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

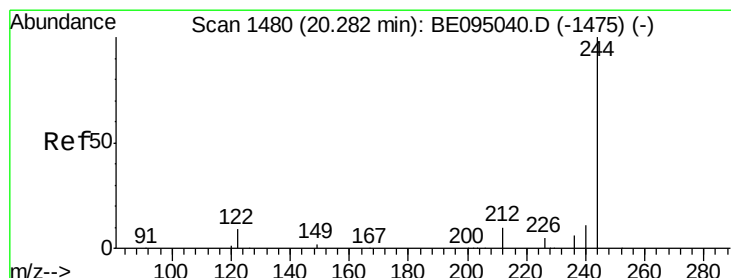
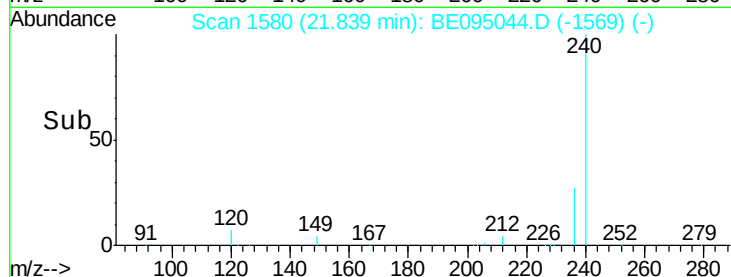
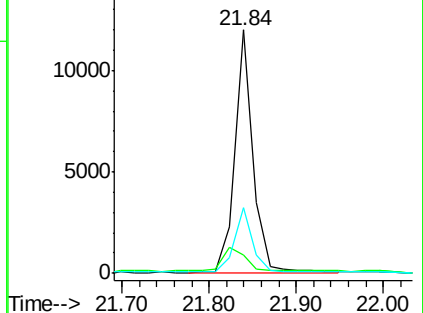
236 27.1 20.7 31.1



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



#29

Terphenyl-d14

Concen: 5.794 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

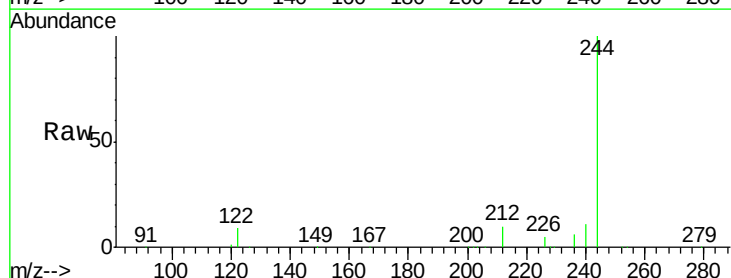
Tgt Ion:244 Resp: 186836

Ion Ratio Lower Upper

244 100

212 9.6 25.4 38.0#

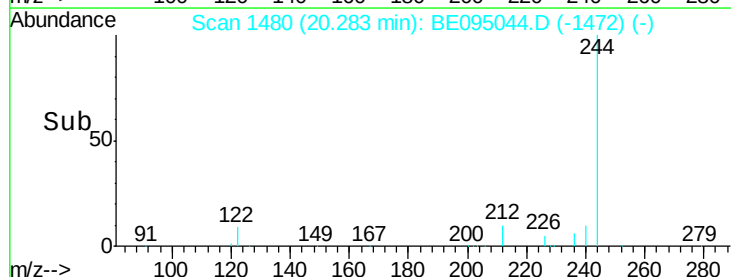
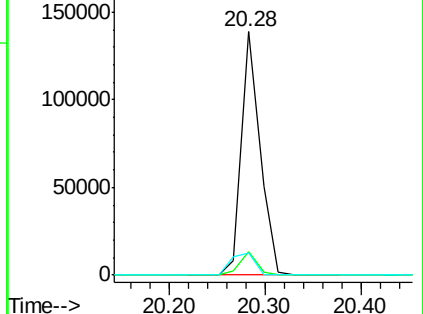
122 9.0 8.1 12.1

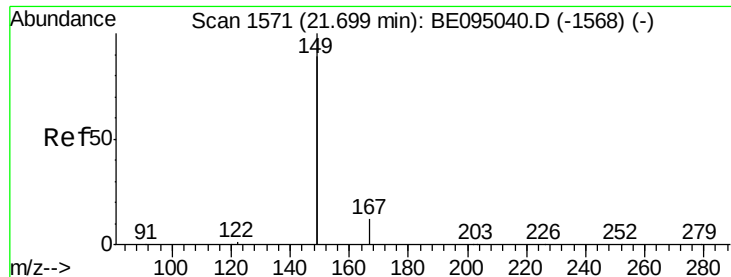


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171219

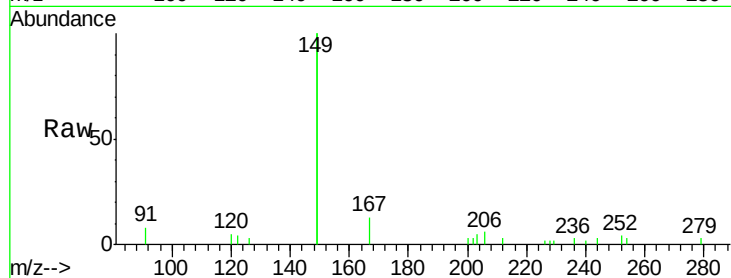
Tot Ion:149 Resp: 5037

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

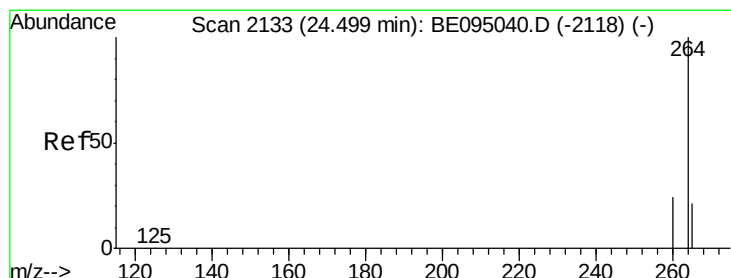
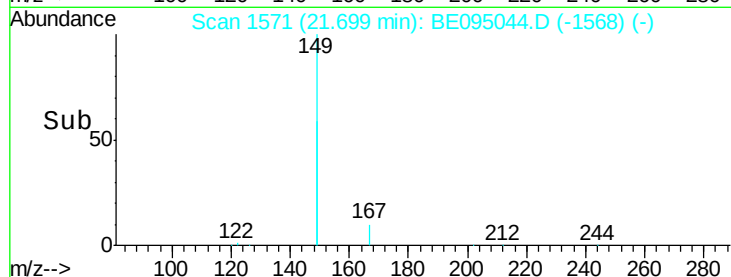
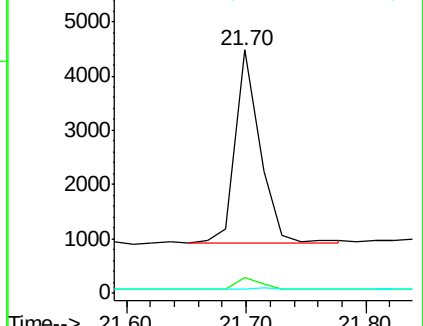
279 0.9 0.7 1.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095044.D

Acq: 22 Dec 2017 14:05

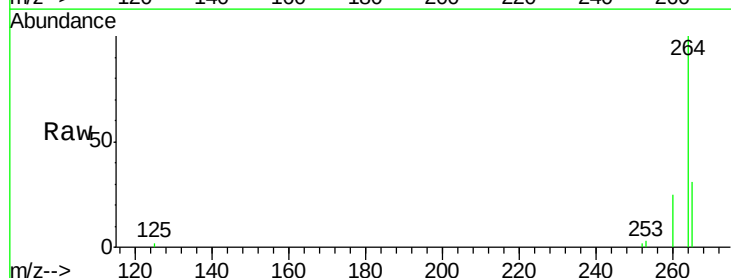
Tgt Ion:264 Resp: 14371

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 30.5 22.8 34.2



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

