

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095542.D
 Acq On : 6 Feb 2018 22:50
 Operator : SJ/JU
 Sample : J1301-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180123

Quant Time: Feb 07 04:47:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

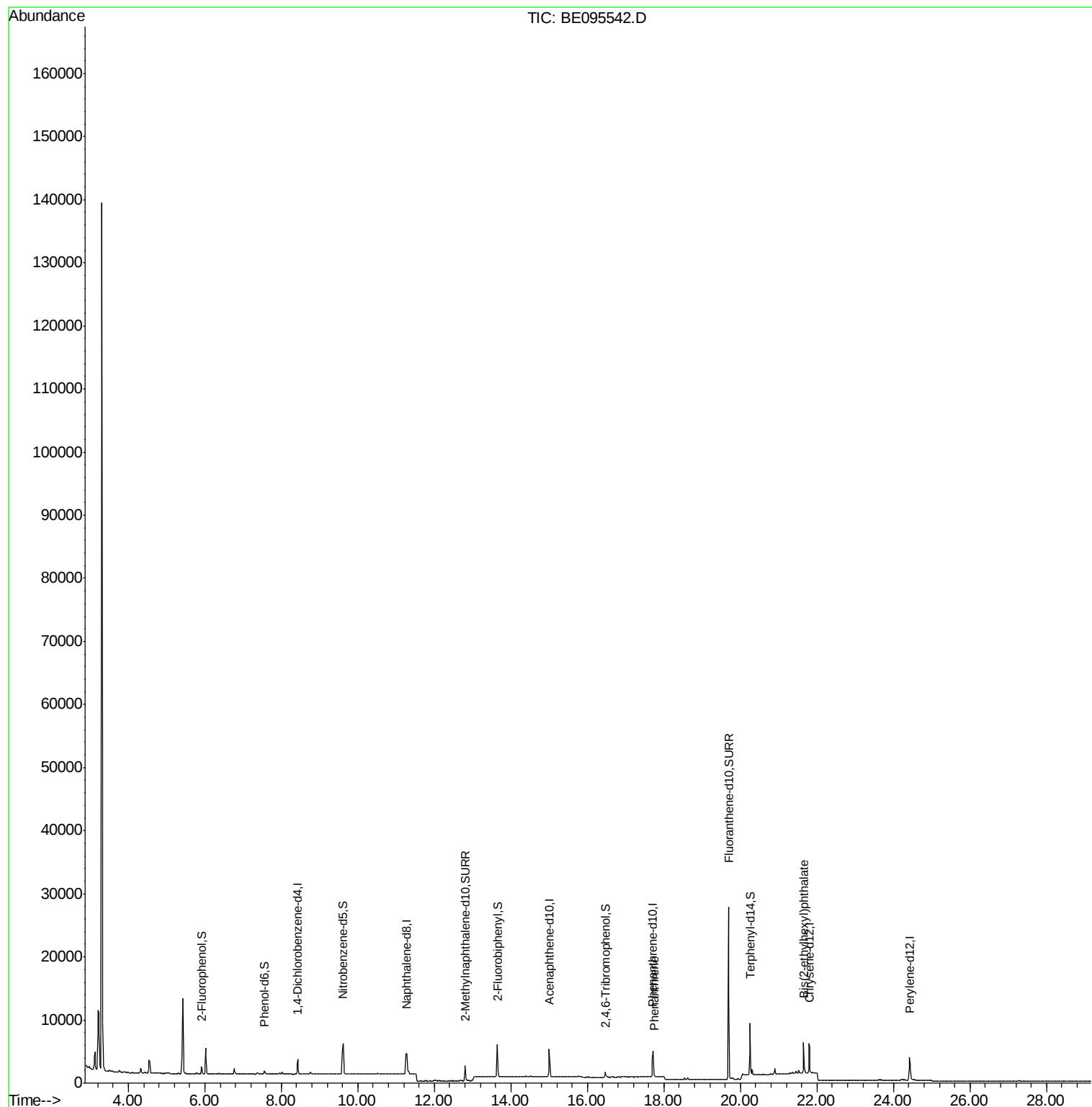
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1184	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4464	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2596	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6173	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6225	0.40	ng	0.02
34) Perylene-d12	24.43	264	5689	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	585	0.16	ng	0.00
5) Phenol-d6	7.57	99	485	0.10	ng	0.00
8) Nitrobenzene-d5	9.61	82	2079	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3229	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	452	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	5691	0.51	ng	0.00
25) Fluoranthene-d10	19.69	212	37126	0.46	ng	0.00
29) Terphenyl-d14	20.25	244	8219	0.62	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.74	178	389	0.021	ng	98
32) Bis(2-ethylhexyl)phthalate	21.65	149	5724	0.120	ng	100

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

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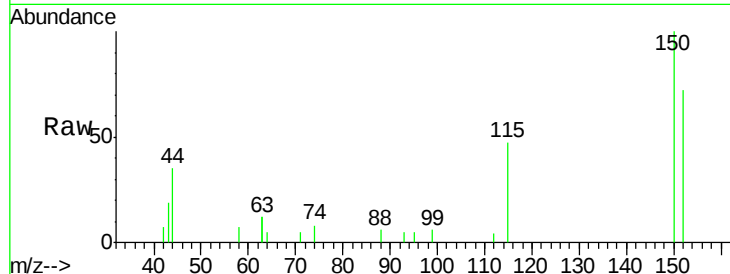


#1

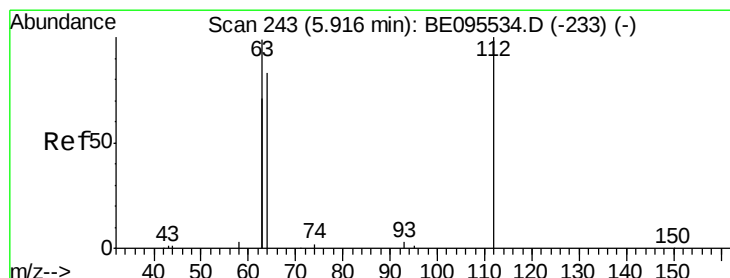
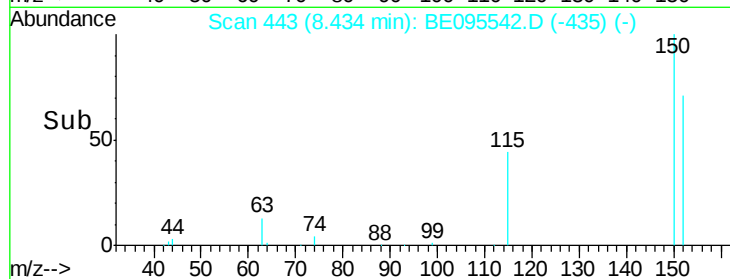
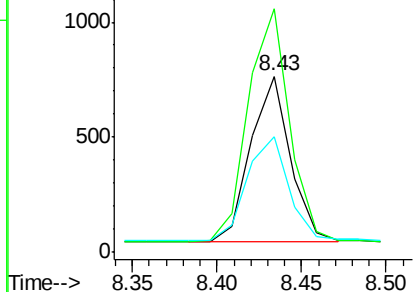
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tot Ion:152 Resp: 1184
Ion Ratio Lower Upper
152 100
150 138.5 117.2 175.8
115 65.4 57.0 85.6



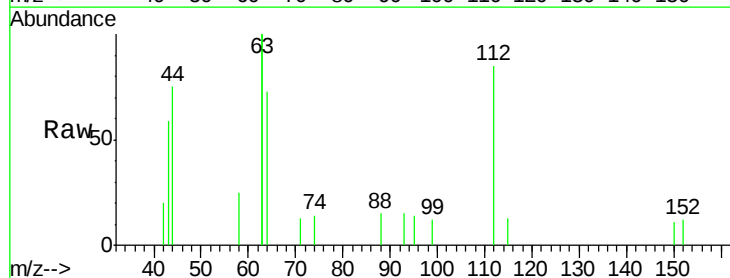
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



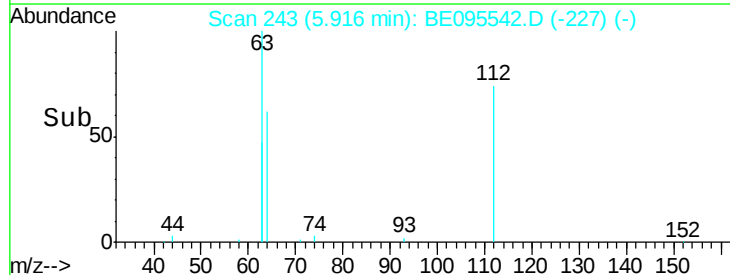
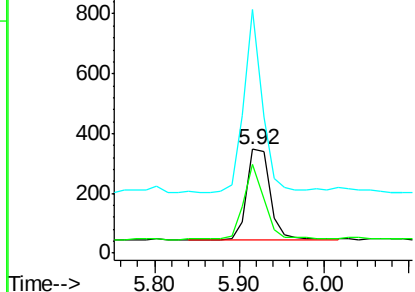
#4

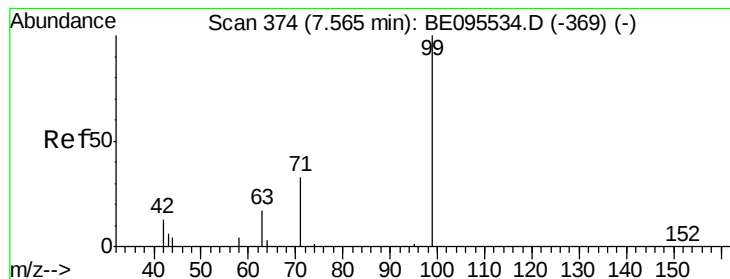
2-Fluorophenol
Concen: 0.164 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:112 Resp: 585
Ion Ratio Lower Upper
112 100
64 74.7 60.1 90.1
63 157.8 116.8 175.2



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: 0.098 ng

RT: 7.57 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

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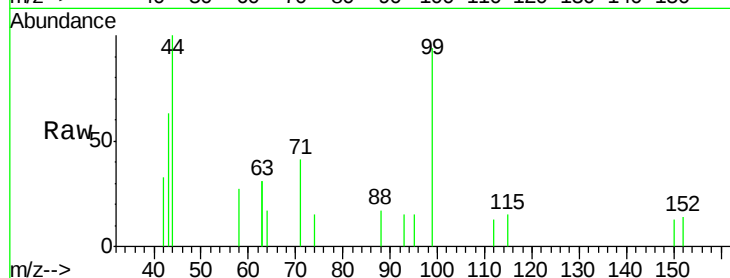
Tot Ion: 99 Resp: 485

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

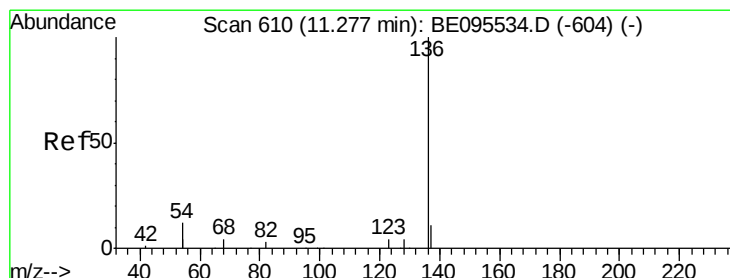
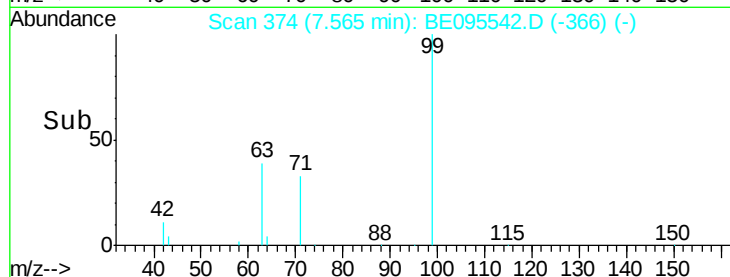
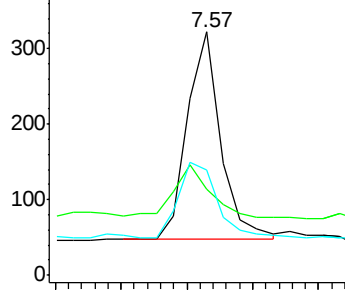
71 42.9 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Tgt Ion: 136 Resp: 4464

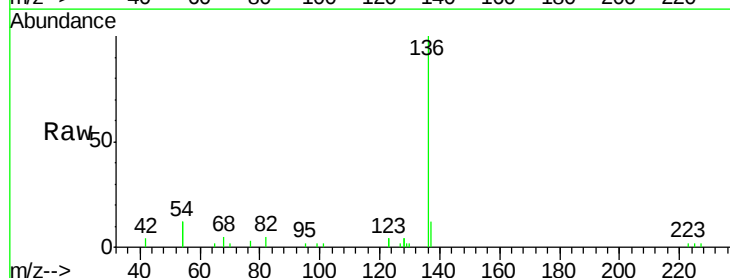
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 23.4 29.1 43.7#

68 5.2 6.2 9.2#

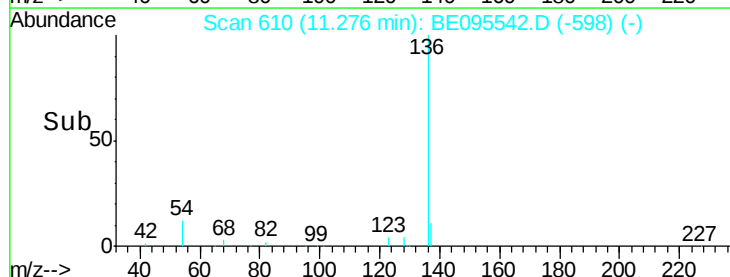
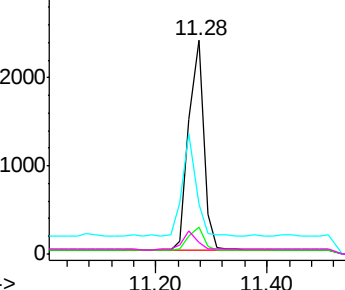


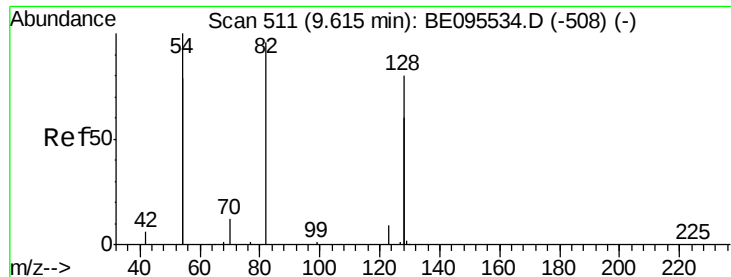
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.439 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

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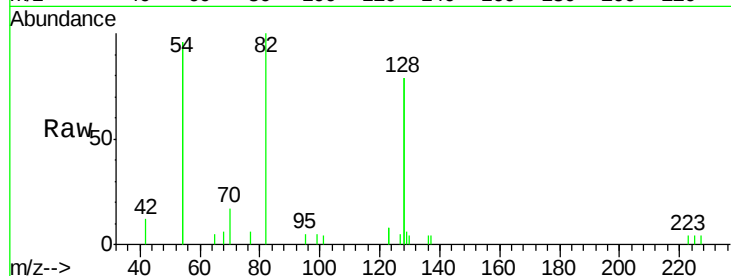
Tot Ion: 82 Resp: 2079

Ion Ratio Lower Upper

82 100

128 157.7 150.0 225.0

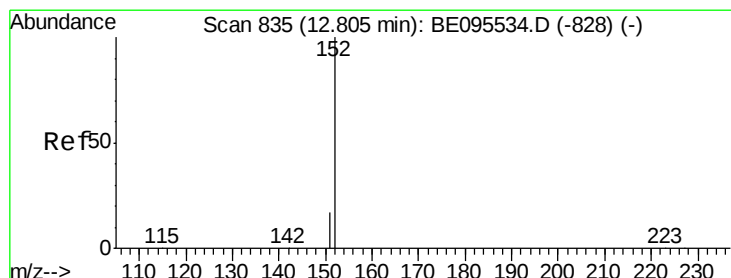
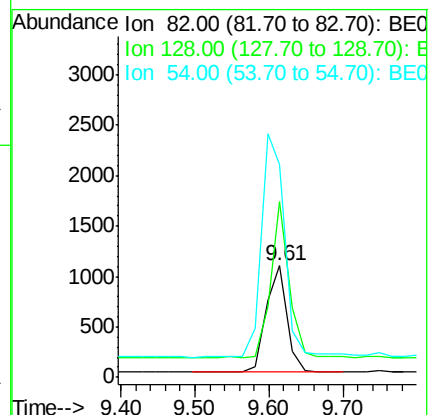
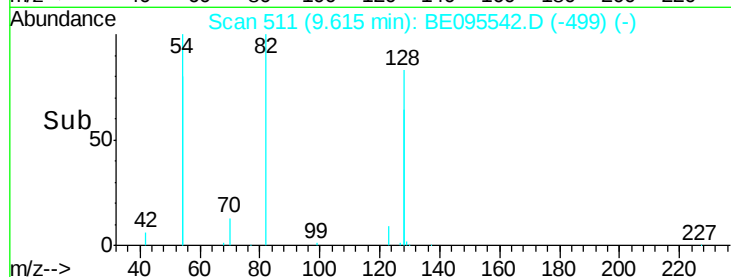
54 191.1 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.437 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095542.D

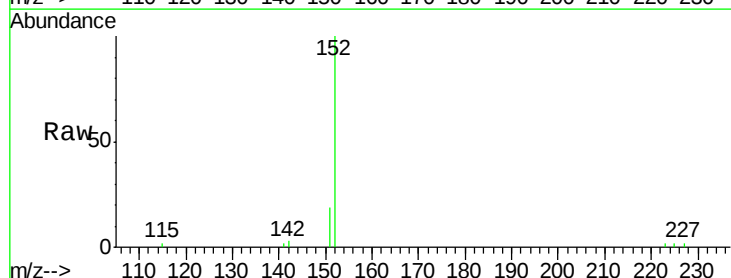
Acq: 6 Feb 2018 22:50

Tgt Ion: 152 Resp: 3229

Ion Ratio Lower Upper

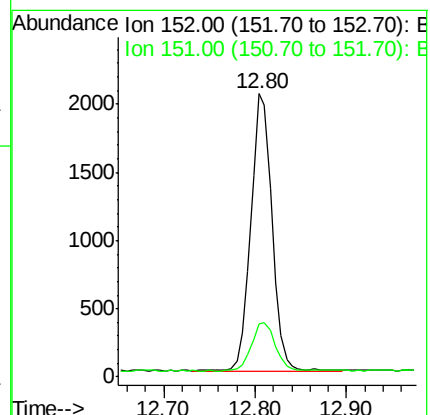
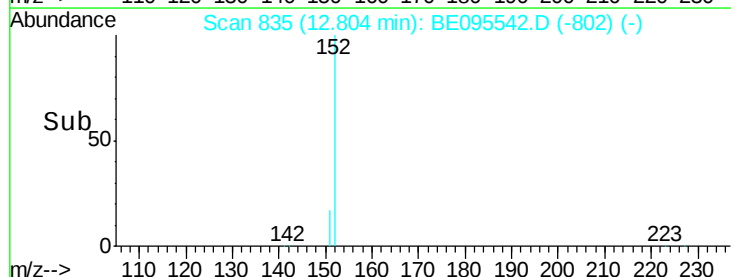
152 100

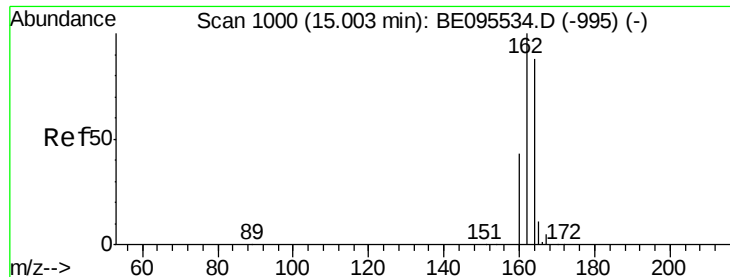
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

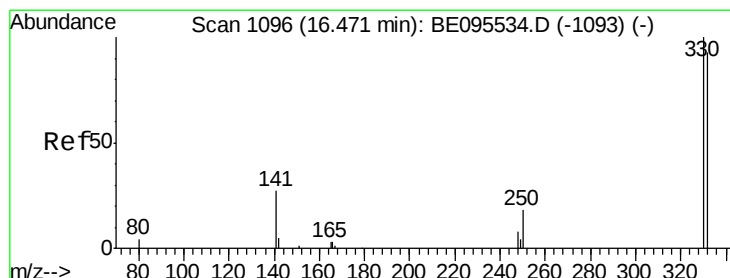
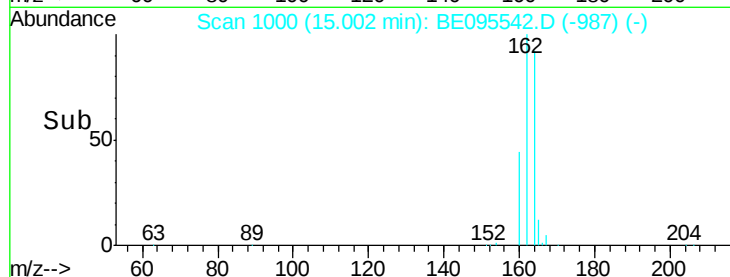
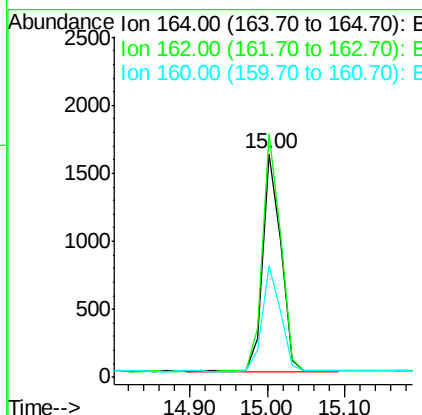
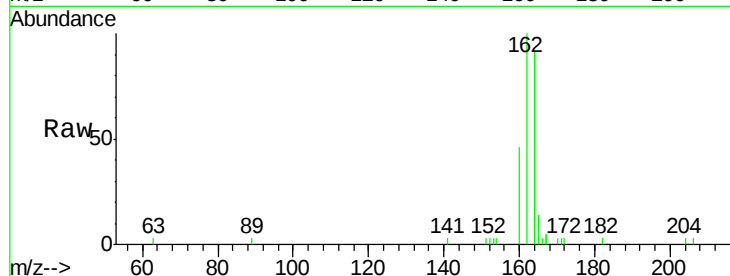




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

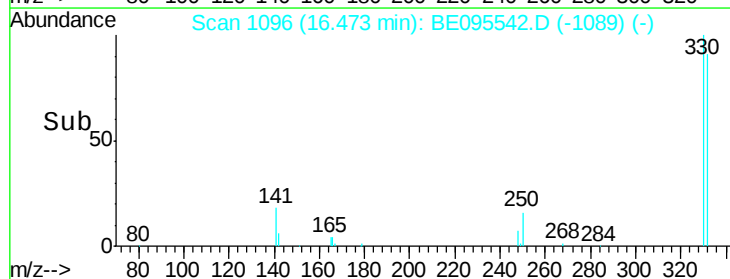
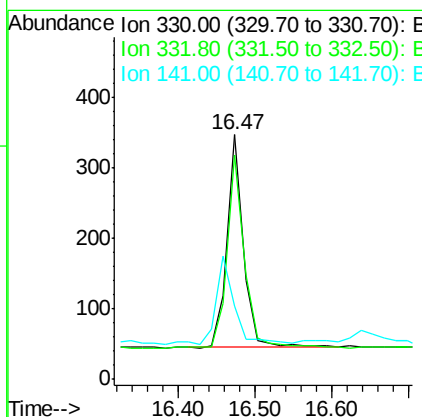
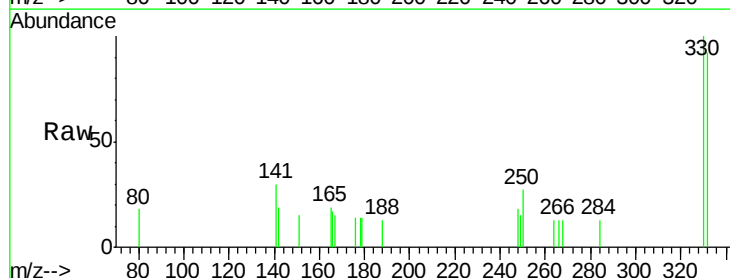
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180123

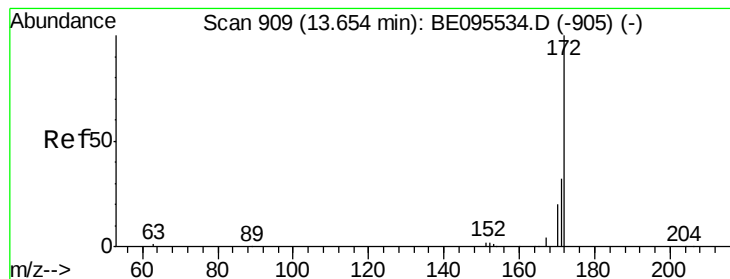
Tot Ion:164 Resp: 2596
 Ion Ratio Lower Upper
 164 100
 162 109.0 83.1 124.7
 160 49.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Tgt Ion:330 Resp: 452
 Ion Ratio Lower Upper
 330 100
 332 93.6 152.7 229.1#
 141 41.4 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.508 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

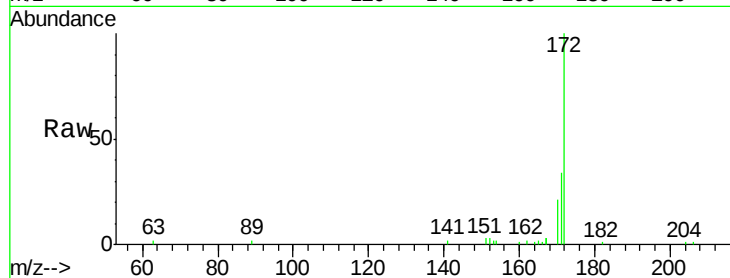
Tot Ion:172 Resp: 5691

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

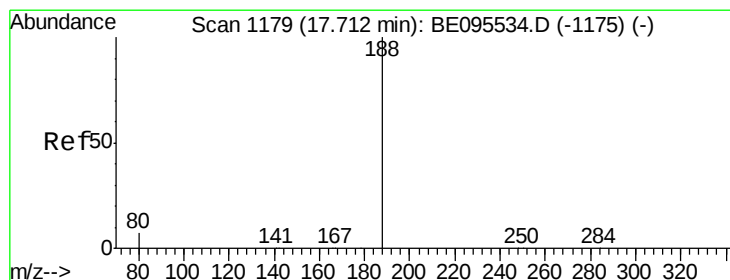
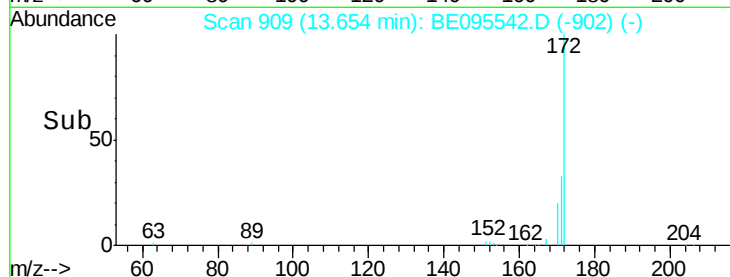
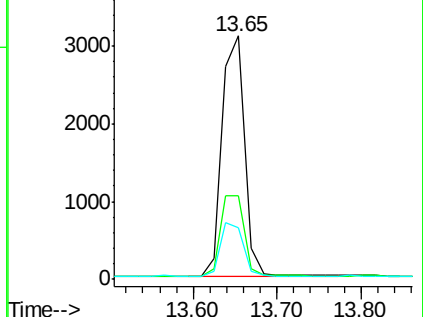
170 21.3 21.8 32.8#



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

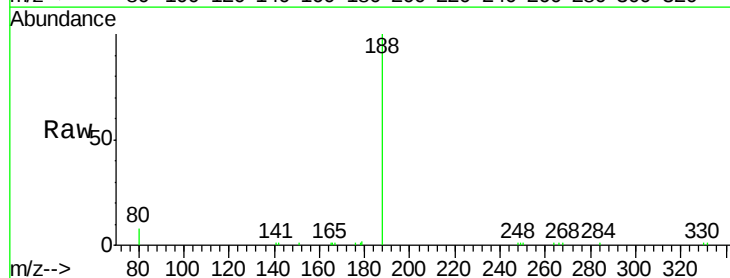
Tgt Ion:188 Resp: 6173

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

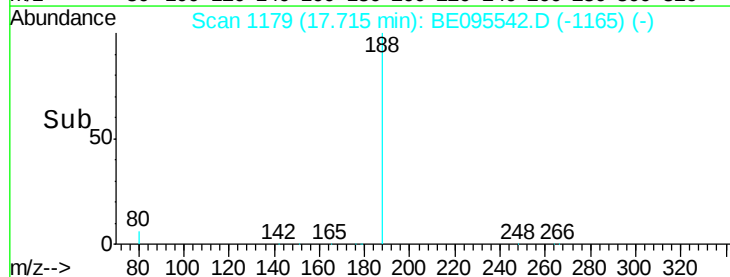
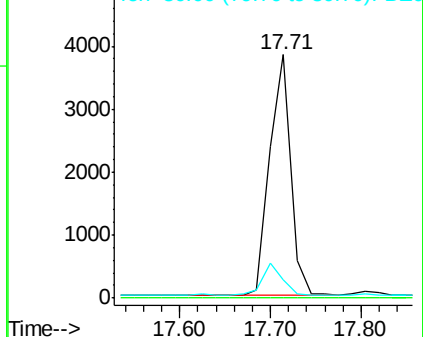
80 7.8 3.6 5.4#

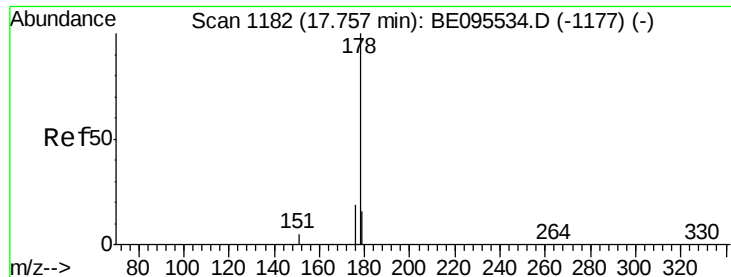


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095542.D

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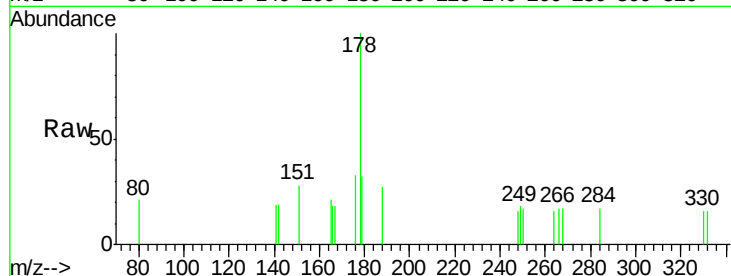
Tot Ion:178 Resp: 389

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

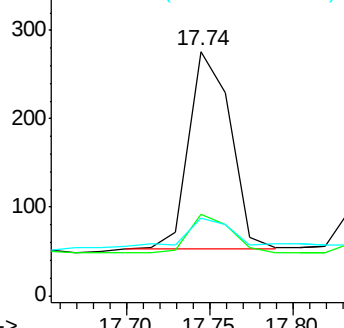
179 12.6 11.8 17.6



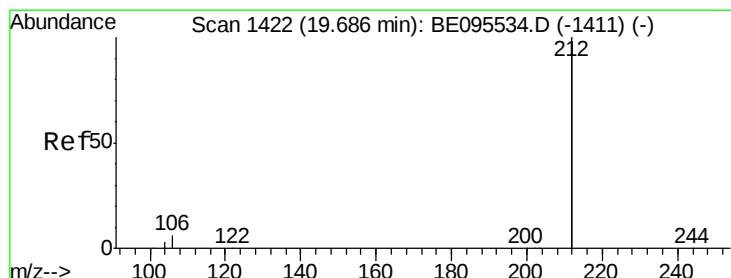
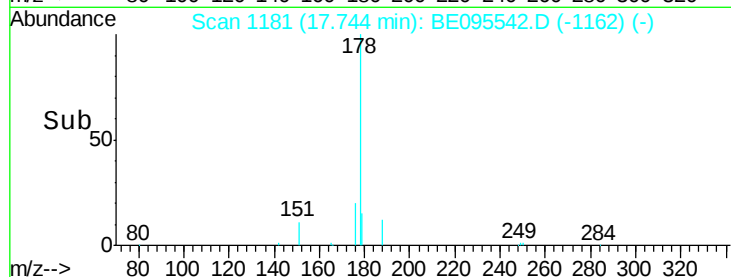
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

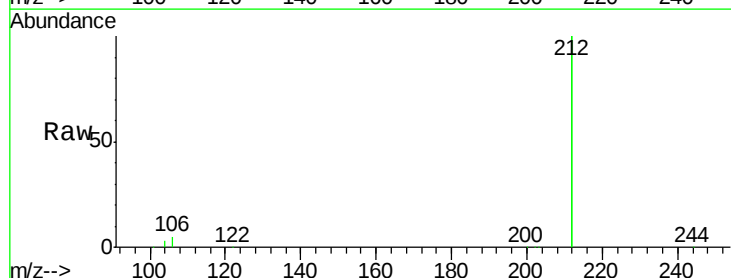
Tgt Ion:212 Resp: 37126

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

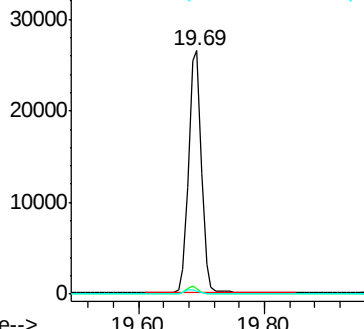
104 1.8 1.6 2.4



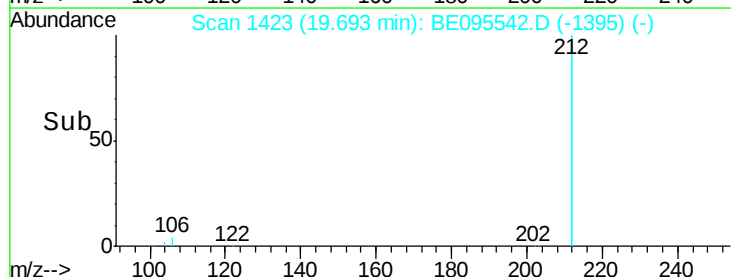
Abundance Ion 212.00 (211.70 to 212.70): E

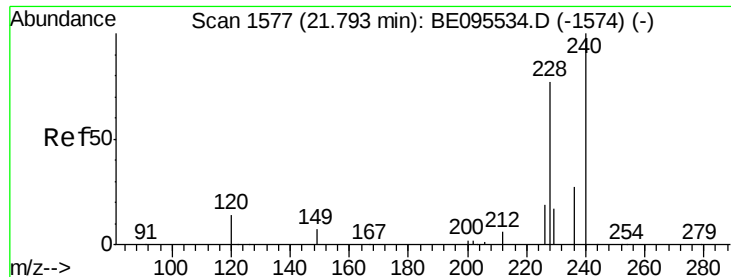
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

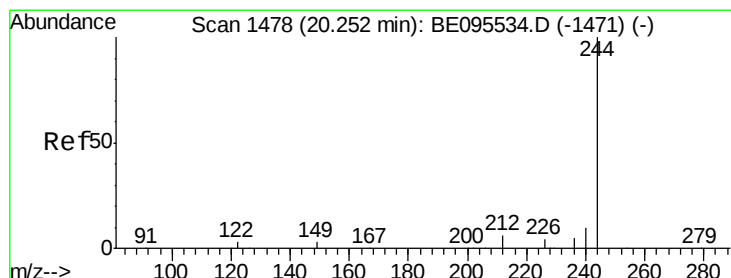
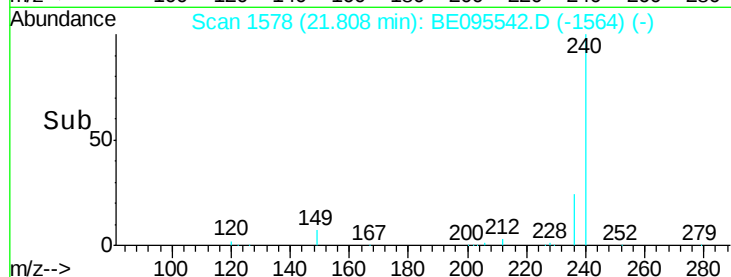
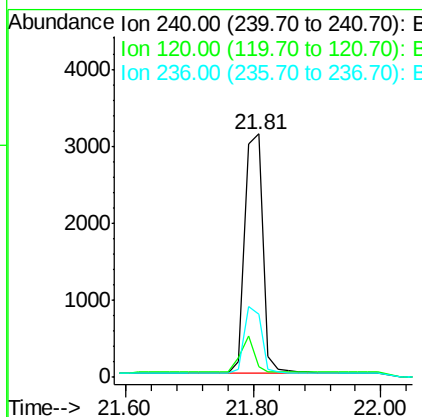
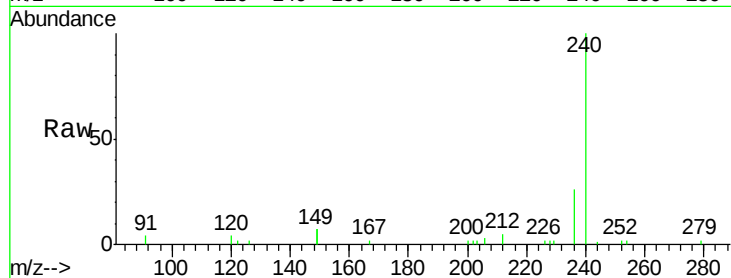




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.81 min Scan# 1578
 Delta R.T. 0.02 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

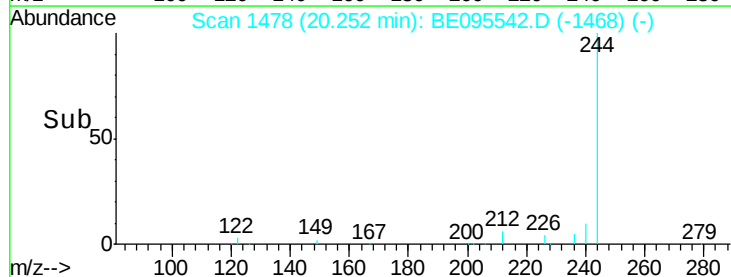
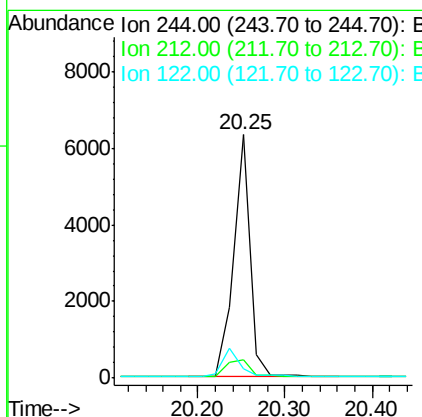
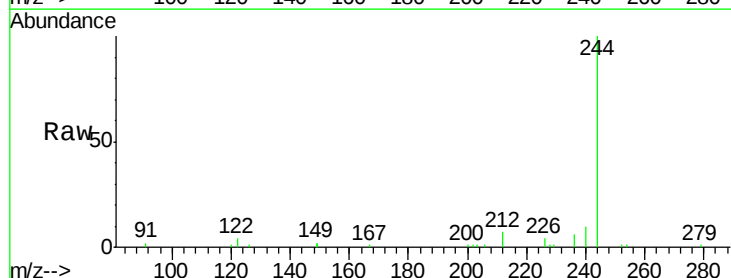
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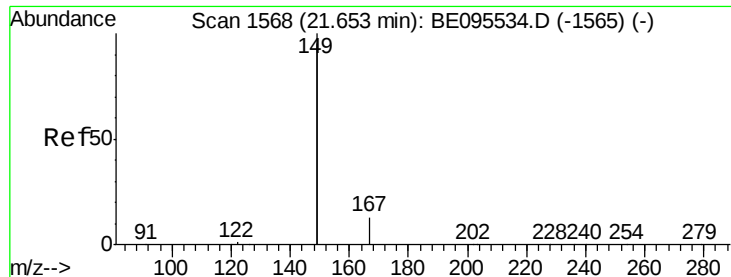
Tot Ion:240 Resp: 6225
 Ion Ratio Lower Upper
 240 100
 120 4.3 5.5 8.3#
 236 25.7 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.620 ng
 RT: 20.25 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Tgt Ion:244 Resp: 8219
 Ion Ratio Lower Upper
 244 100
 212 7.3 25.4 38.0#
 122 3.8 8.1 12.1#

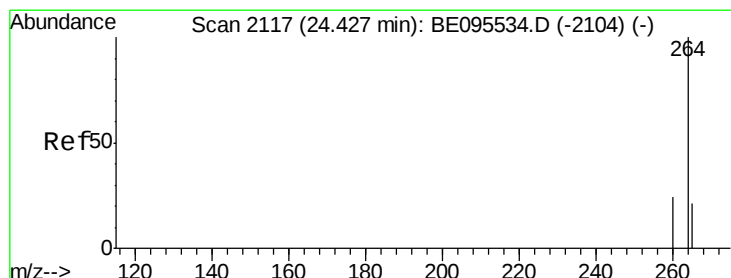
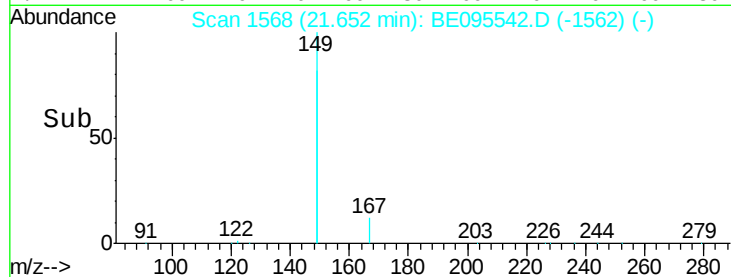
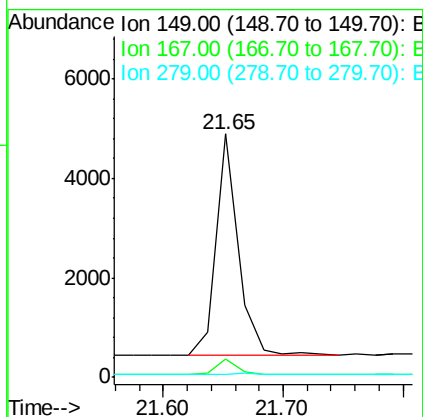
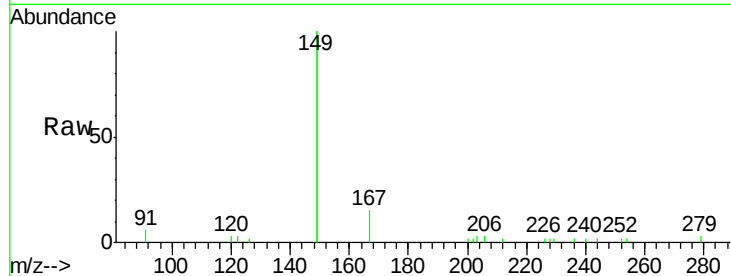




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180123

Tot Ion:149 Resp: 5724
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 0.8 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Tgt Ion:264 Resp: 5689
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 27.4 22.8 34.2

