

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095843.D
 Acq On : 26 Mar 2018 16:47
 Operator : SJ/JU
 Sample : J2006-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180320

Quant Time: Mar 27 06:36:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

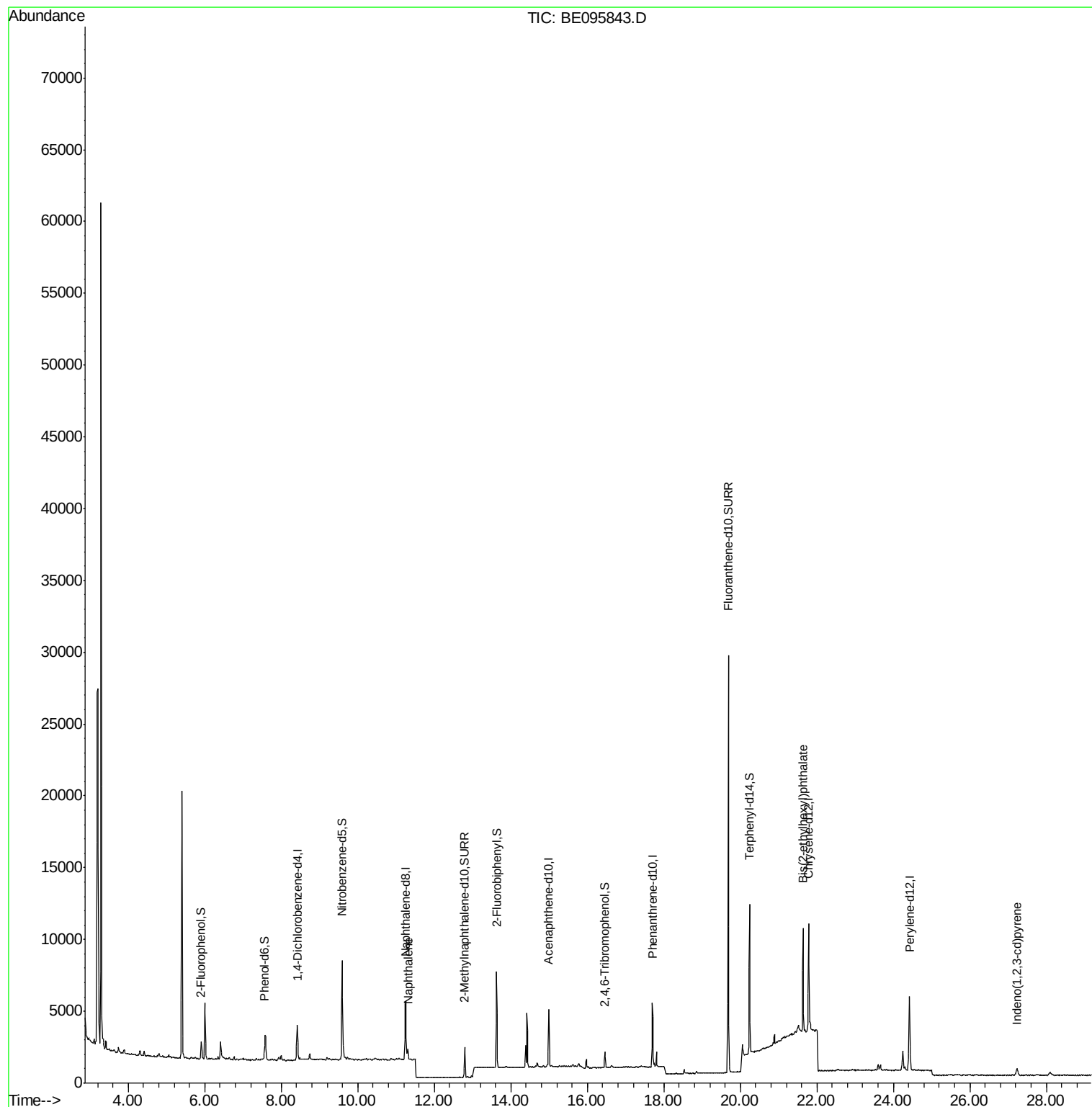
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1180	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4430	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2546	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6238	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7467	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7494	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	605	0.16	ng	0.00
5) Phenol-d6	7.56	99	503	0.09	ng	0.00
8) Nitrobenzene-d5	9.59	82	2514	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2846	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	617	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5700	0.53	ng	-0.01
25) Fluoranthene-d10	19.68	212	36359	0.39	ng	0.00
29) Terphenyl-d14	20.24	244	9822	0.62	ng	0.00
Target Compounds						
9) Naphthalene	11.31	128	1243	0.025	ng	Qvalue # 85
32) Bis(2-ethylhexyl)phthalate	21.64	149	8780	0.111	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.23	276	669	0.026	ng	# 74

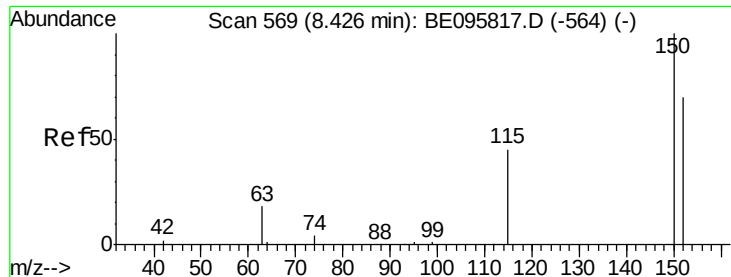
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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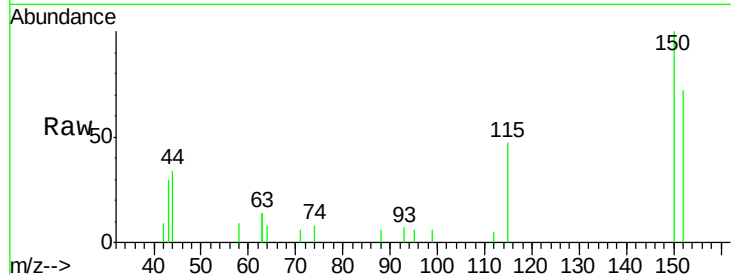


#1

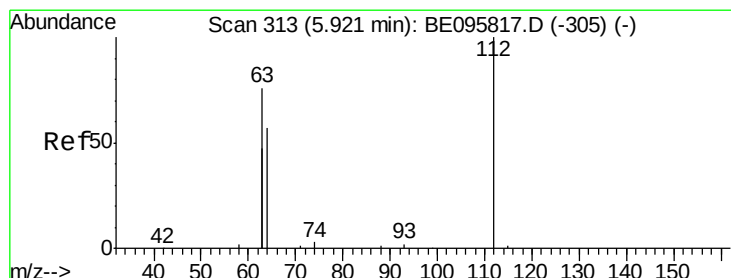
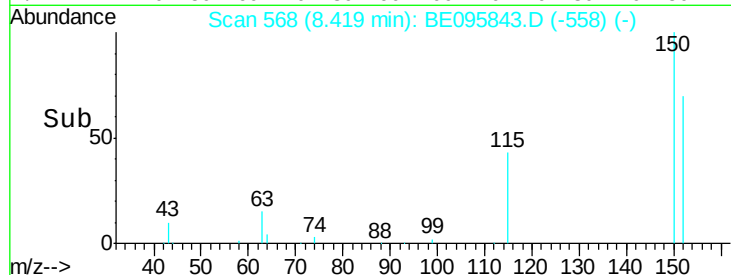
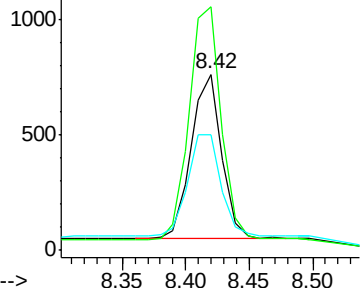
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095843.D
Acq: 26 Mar 2018 16:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180320

Tot Ion:152 Resp: 1180
Ion Ratio Lower Upper
152 100
150 138.3 117.2 175.8
115 65.7 57.0 85.6



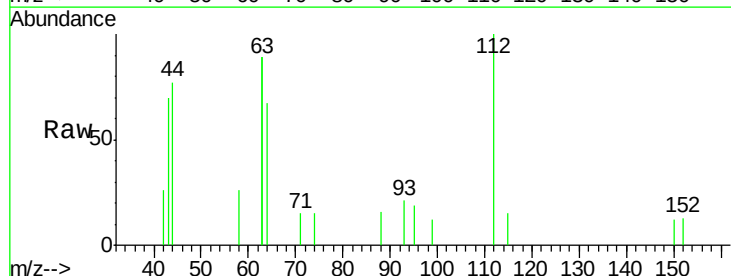
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



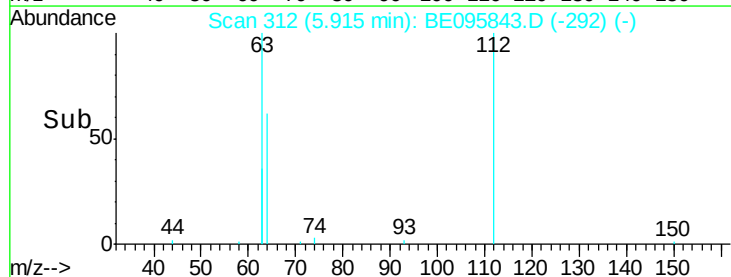
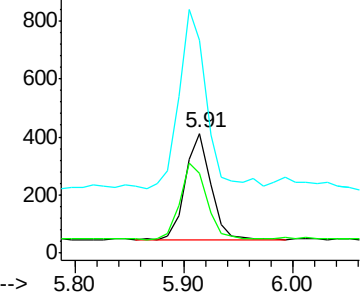
#4

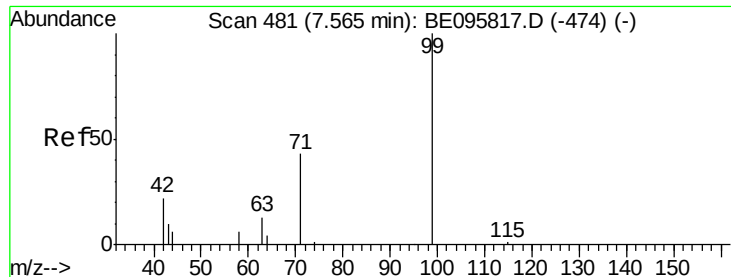
2-Fluorophenol
Concen: 0.156 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095843.D
Acq: 26 Mar 2018 16:47

Tgt Ion:112 Resp: 605
Ion Ratio Lower Upper
112 100
64 74.7 60.1 90.1
63 179.3 116.8 175.2#



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: 0.094 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

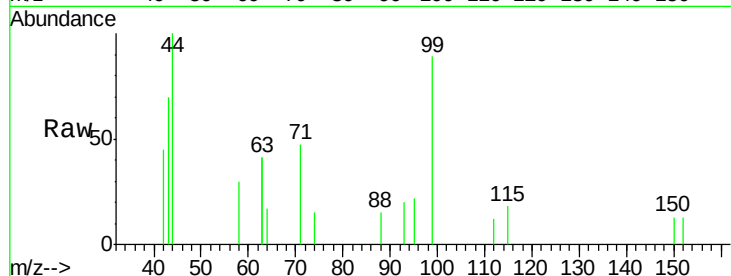
Tot Ion: 99 Resp: 503

Ion Ratio Lower Upper

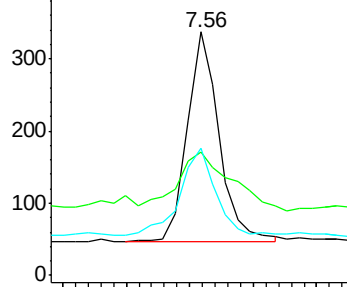
99 100

42 39.4 20.2 30.2#

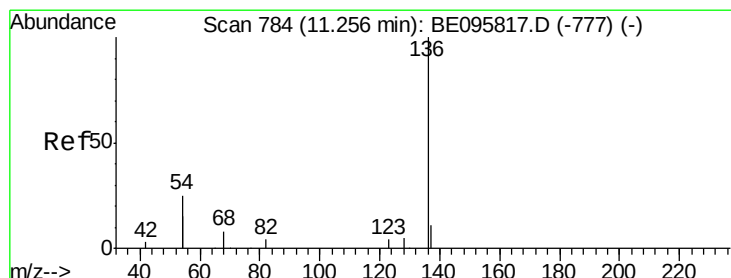
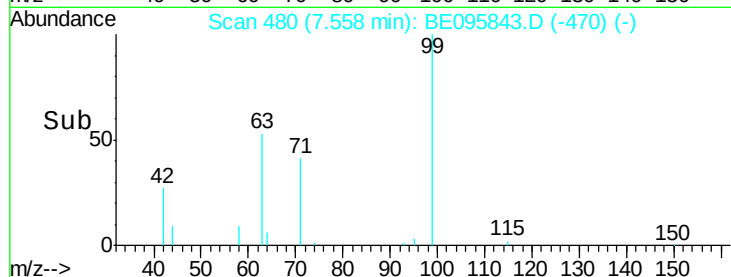
71 46.1 28.4 42.6#



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--> 7.45 7.50 7.55 7.60 7.65



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Tgt Ion: 136 Resp: 4430

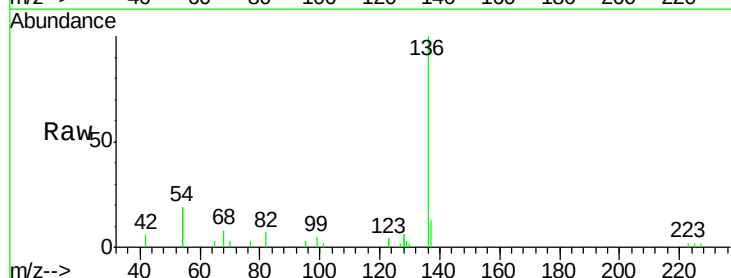
Ion Ratio Lower Upper

136 100

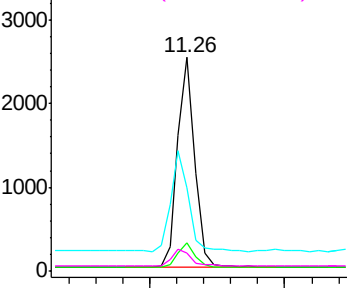
137 13.4 9.5 14.3

54 38.9 29.1 43.7

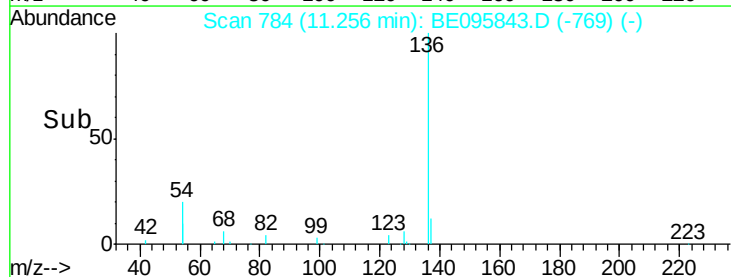
68 8.1 6.2 9.2

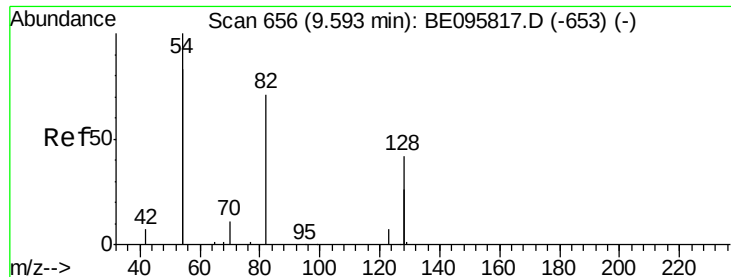


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.20 11.40





#8

Nitrobenzene-d5

Concen: 0.480 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

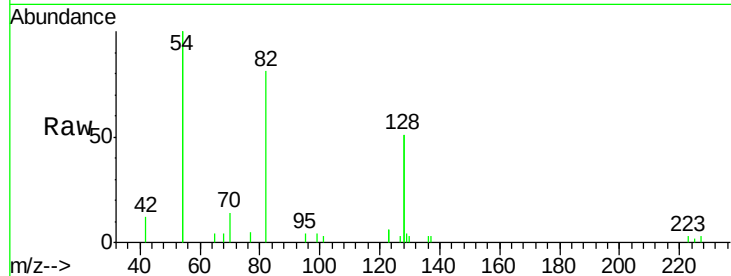
Tot Ion: 82 Resp: 2514

Ion Ratio Lower Upper

82 100

128 125.6 150.0 225.0#

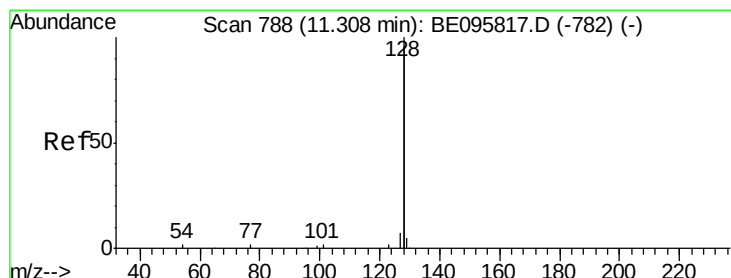
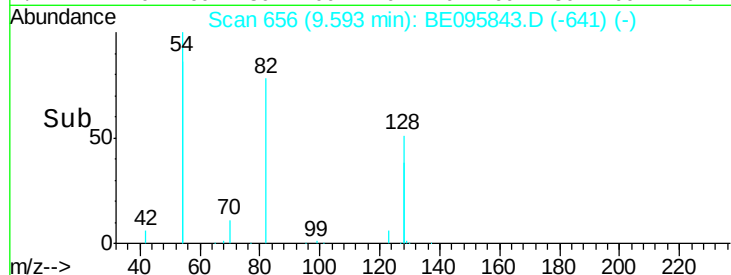
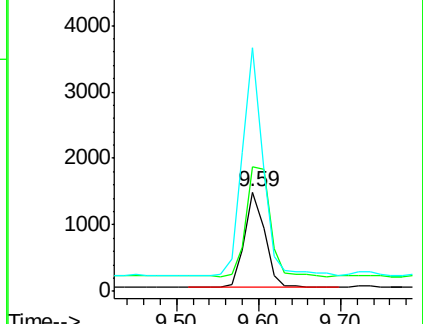
54 245.8 154.2 231.4#



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



#9

Naphthalene

Concen: 0.025 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

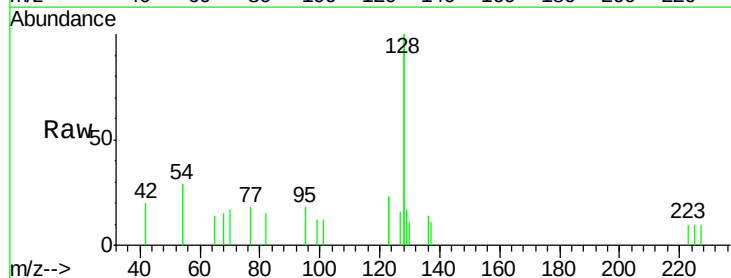
Tgt Ion: 128 Resp: 1243

Ion Ratio Lower Upper

128 100

129 8.7 2.6 3.8#

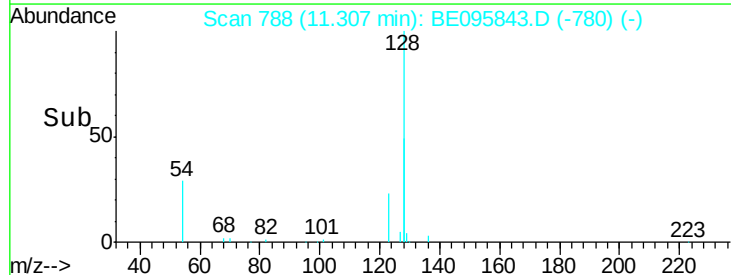
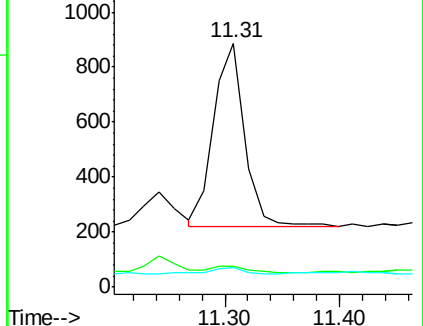
127 8.0 2.8 4.2#

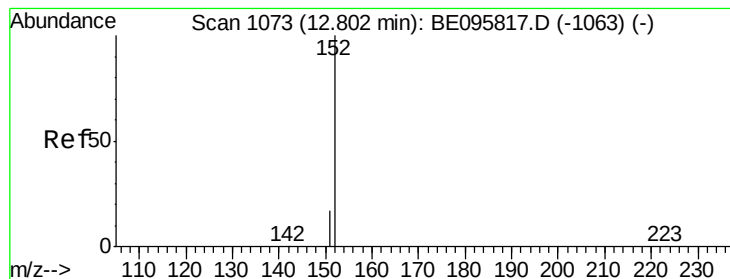


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

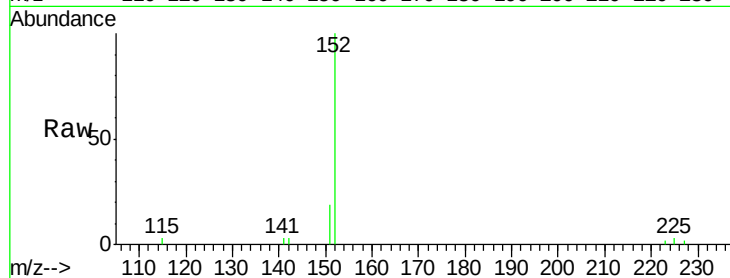
OUTFALL001-180320

Tot Ion:152 Resp: 2846

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2000

1500

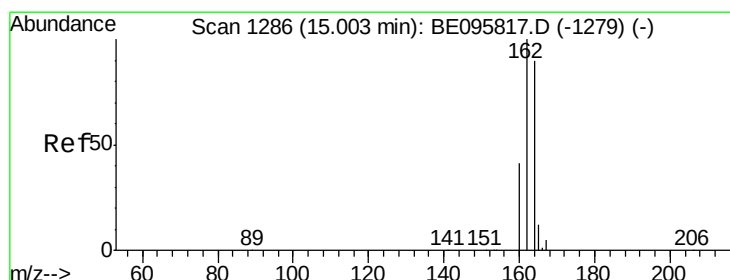
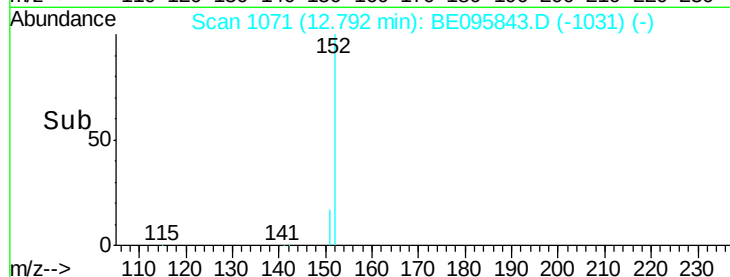
1000

500

0

Time-->

12.75 12.80 12.85



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

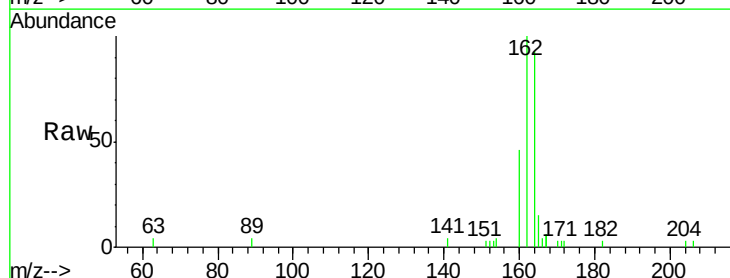
Tgt Ion:164 Resp: 2546

Ion Ratio Lower Upper

164 100

162 107.9 83.1 124.7

160 49.3 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

14.99

2000

1500

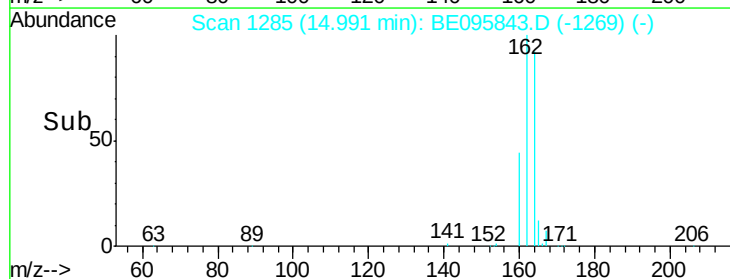
1000

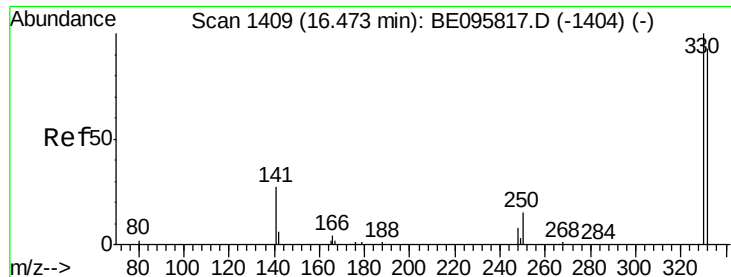
500

0

Time-->

14.90 15.00 15.10

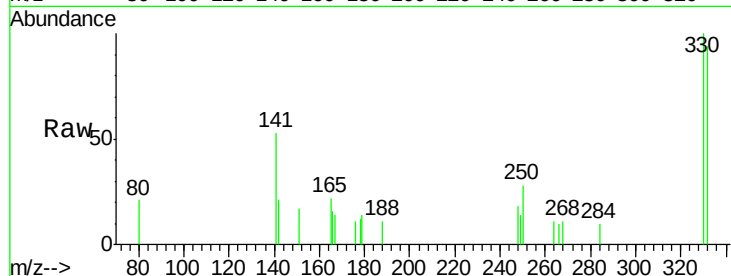




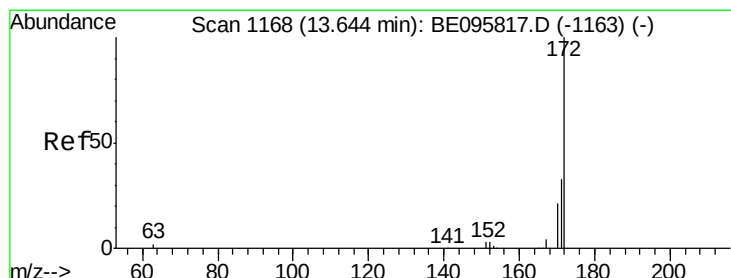
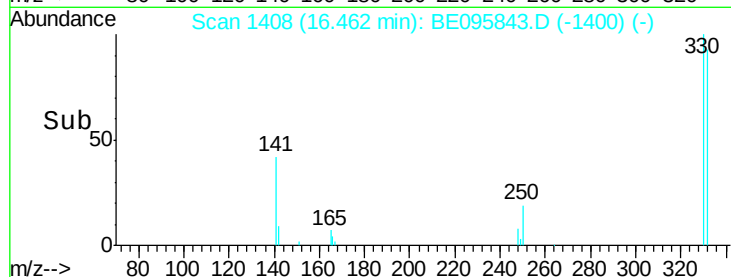
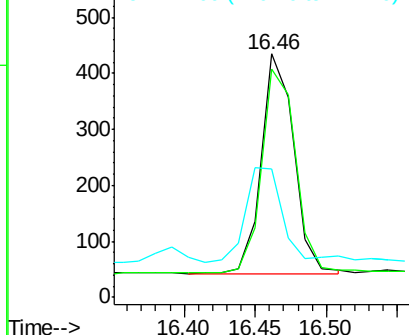
#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095843.D
Acq: 26 Mar 2018 16:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180320

Tot Ion:330 Resp: 617
Ion Ratio Lower Upper
330 100
332 96.8 152.7 229.1#
141 48.5 33.7 50.5

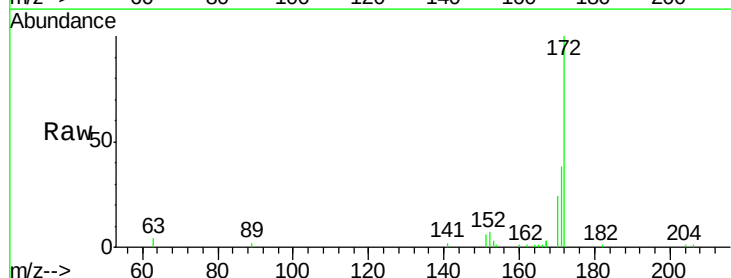


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

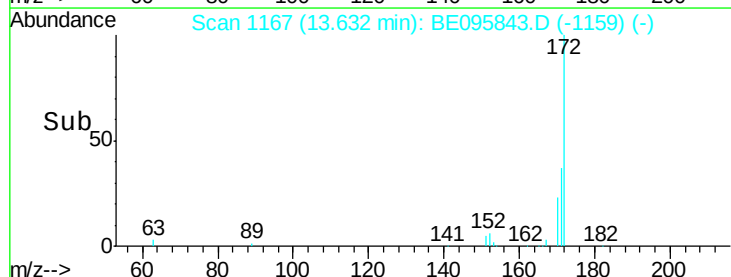
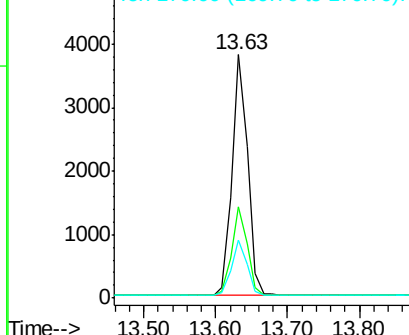


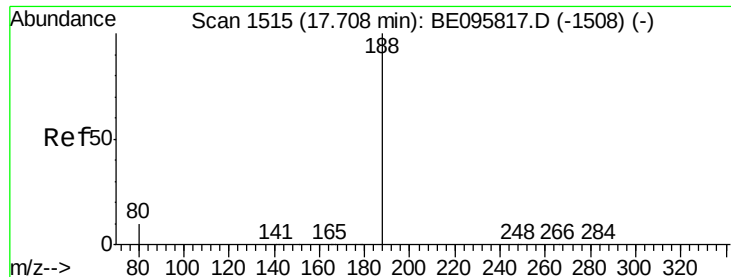
#15
2-Fluorobiphenyl
Concen: 0.531 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095843.D
Acq: 26 Mar 2018 16:47

Tgt Ion:172 Resp: 5700
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 23.9 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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

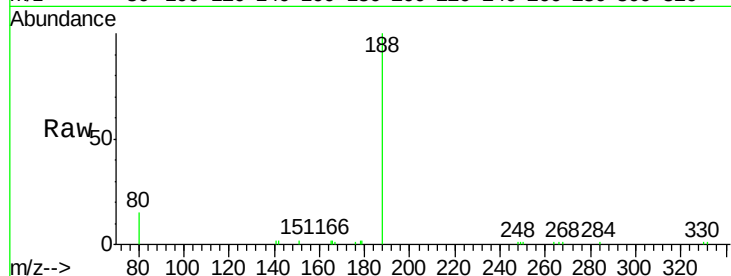
Tot Ion:188 Resp: 6238

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

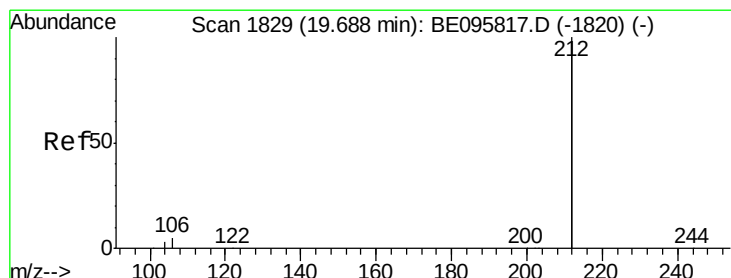
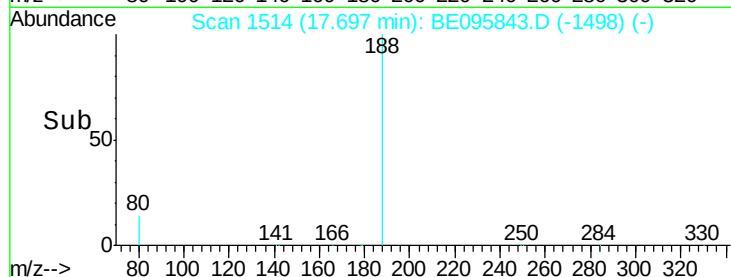
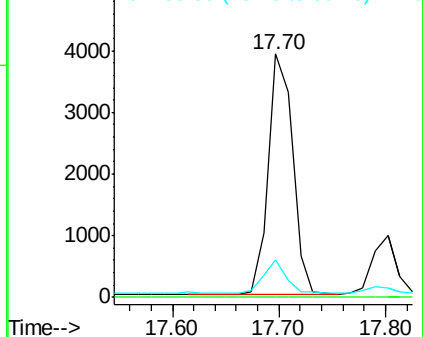
80 15.3 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

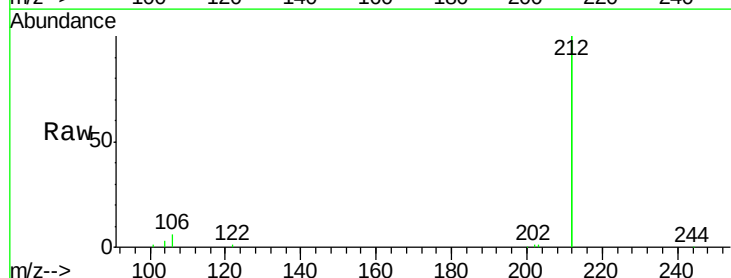
Tgt Ion:212 Resp: 36359

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

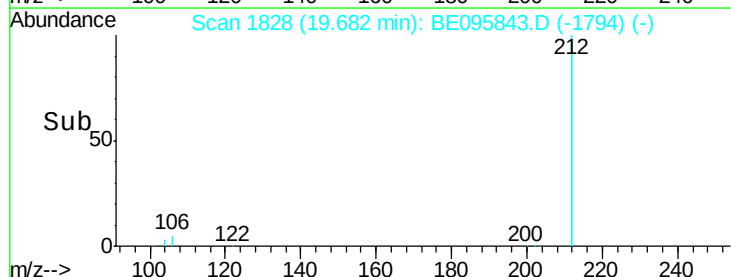
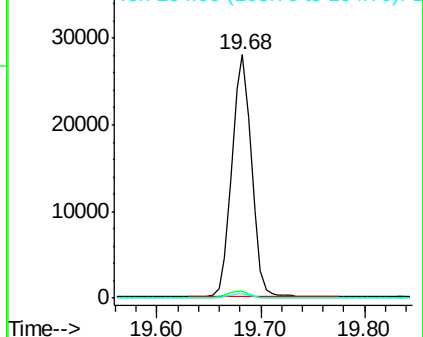
104 1.7 1.6 2.4

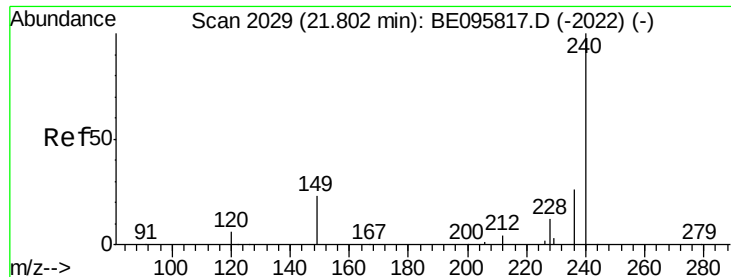


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

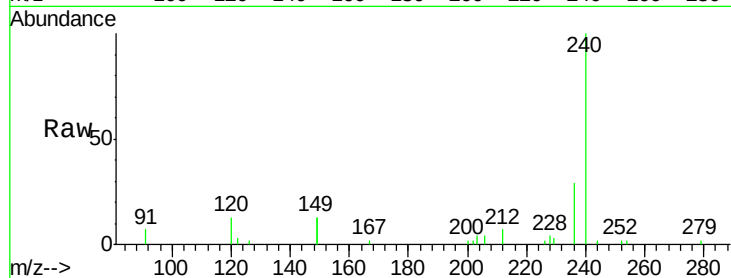
Tot Ion:240 Resp: 7467

Ion Ratio Lower Upper

240 100

120 12.9 5.5 8.3#

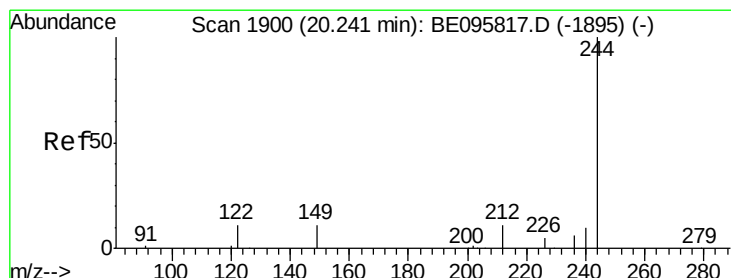
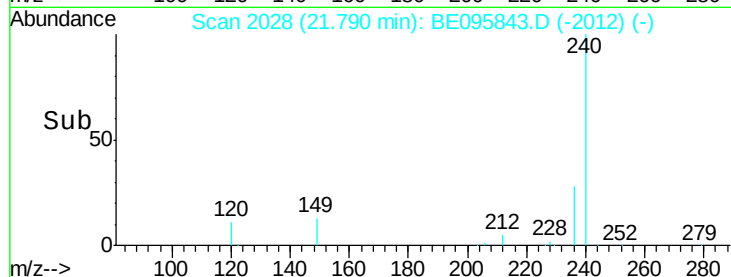
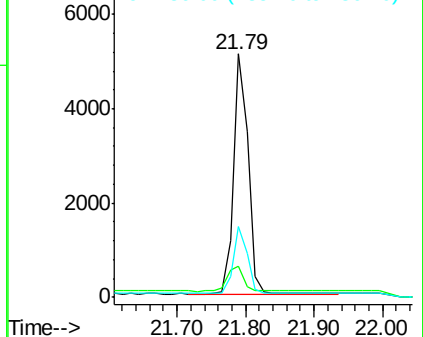
236 29.1 20.7 31.1



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: 0.619 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

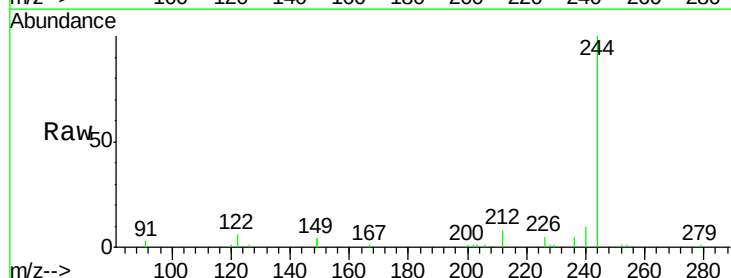
Tgt Ion:244 Resp: 9822

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

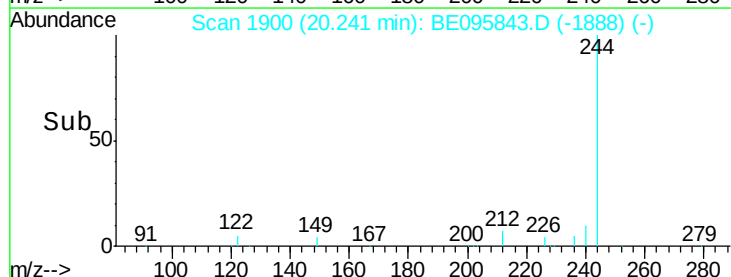
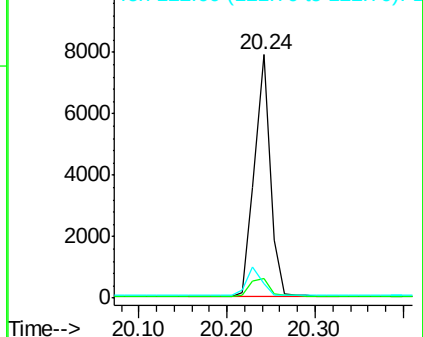
122 6.2 8.1 12.1#

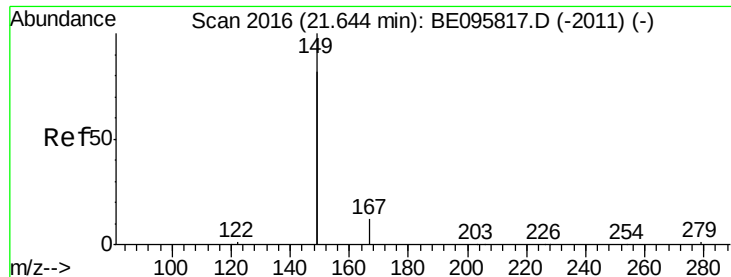


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

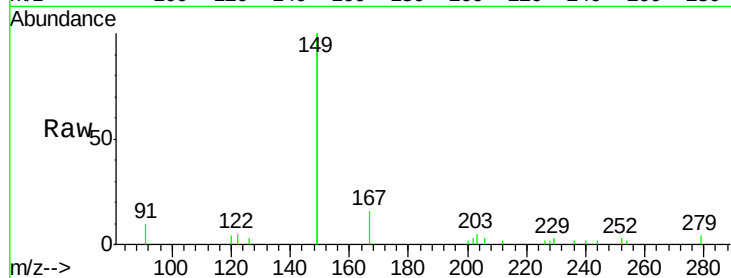
Tot Ion:149 Resp: 8780

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

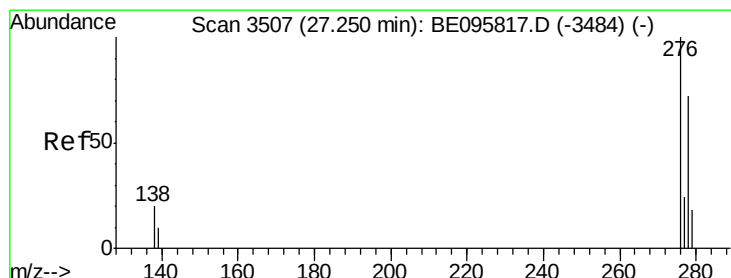
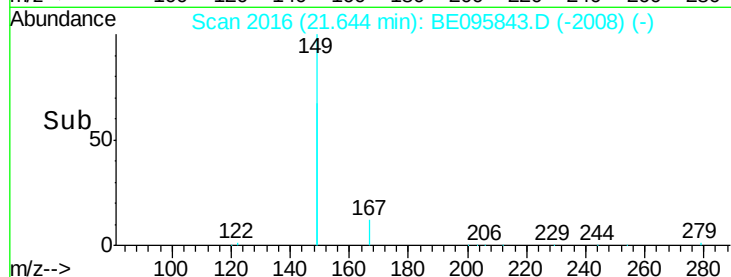
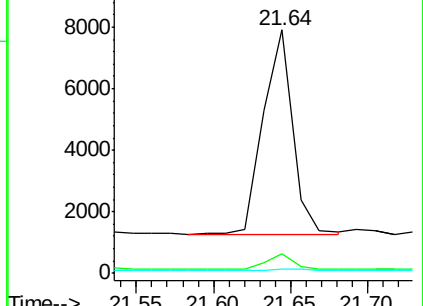
279 0.8 0.7 1.1



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng

RT: 27.23 min Scan# 3500

Delta R.T. -0.03 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

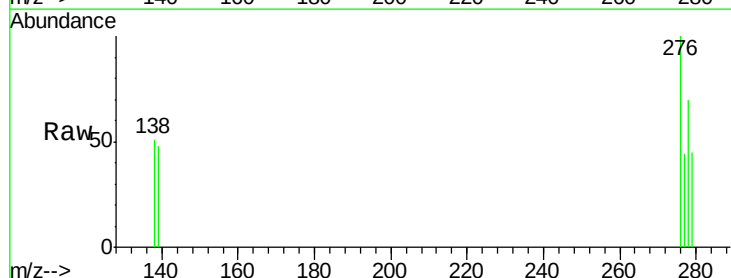
Tgt Ion:276 Resp: 669

Ion Ratio Lower Upper

276 100

138 12.9 22.5 33.7#

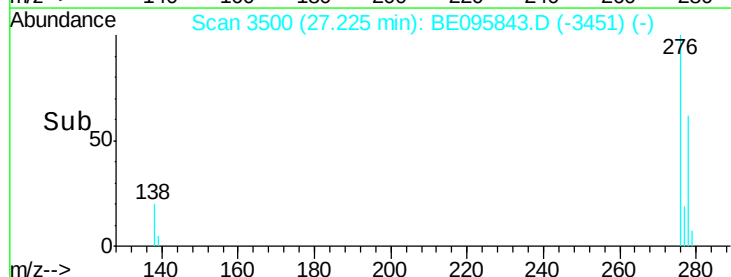
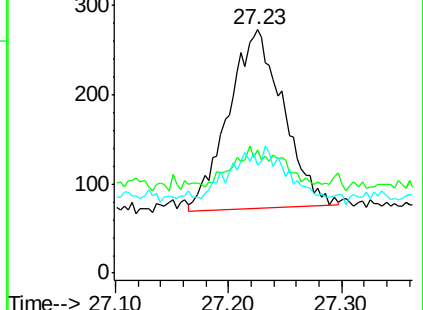
277 13.5 19.9 29.9#

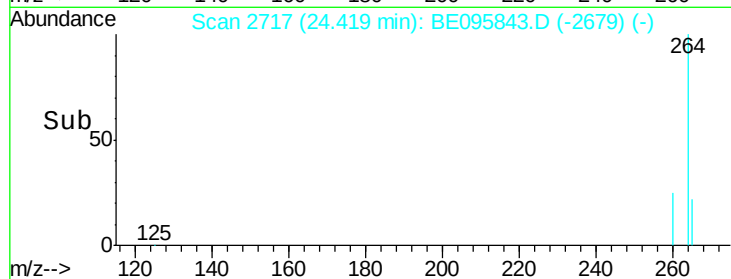
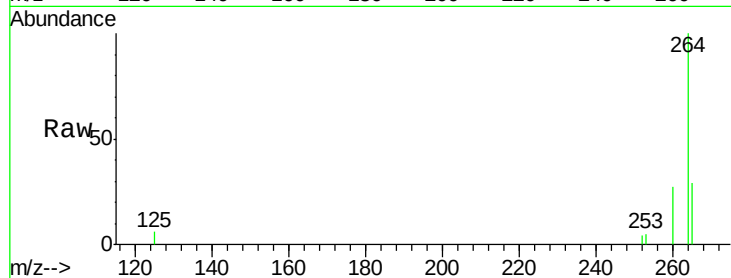
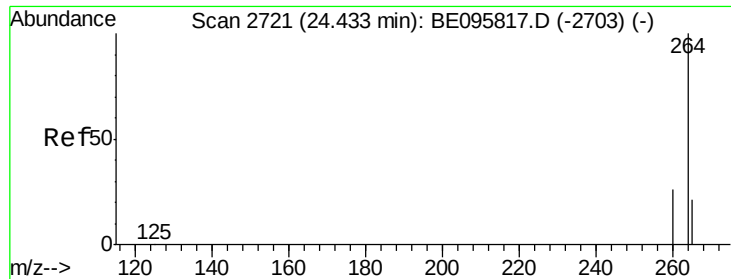


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095843.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180320

Tot Ion:264 Resp: 7494

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 28.7 22.8 34.2

