

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095841.D
 Acq On : 26 Mar 2018 15:38
 Operator : SJ/JU
 Sample : J1985-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-180319

Quant Time: Mar 27 06:32:59 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

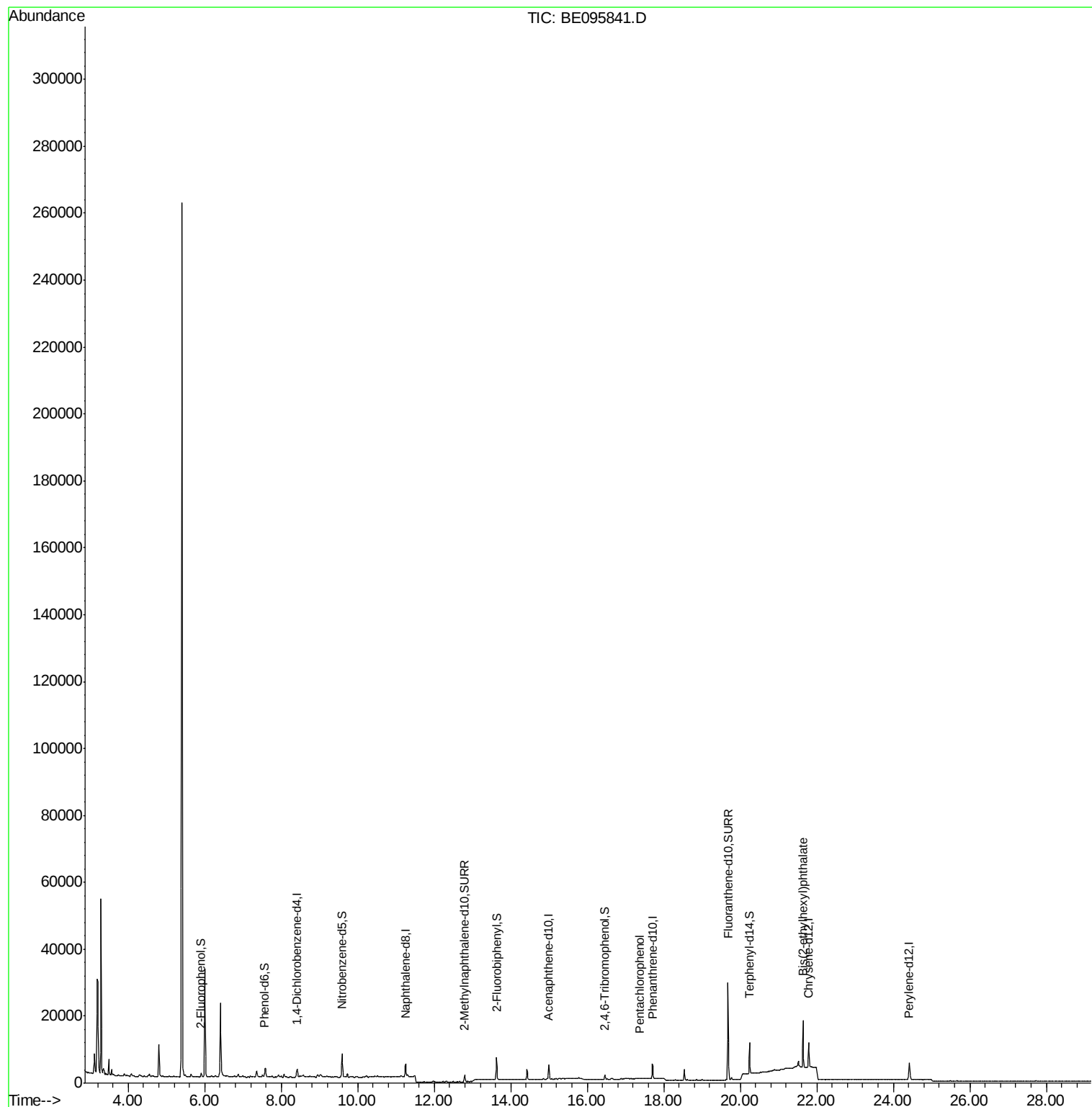
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1212	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4696	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2694	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6517	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7683	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7377	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	608	0.15	ng	0.00
5) Phenol-d6	7.56	99	477	0.09	ng	0.00
8) Nitrobenzene-d5	9.59	82	2567	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2836	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	643	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5654	0.50	ng	-0.01
25) Fluoranthene-d10	19.68	212	35505	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	8202	0.50	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	140	0.226	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	21.64	149	15576	0.191	ng	# 99

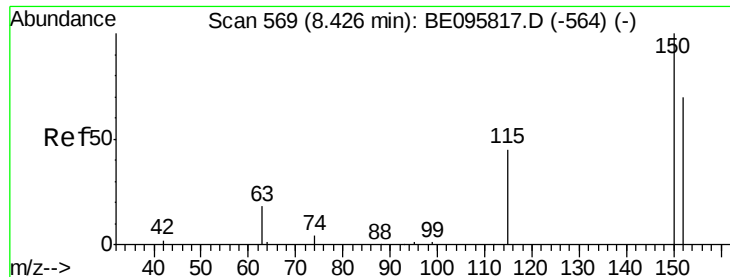
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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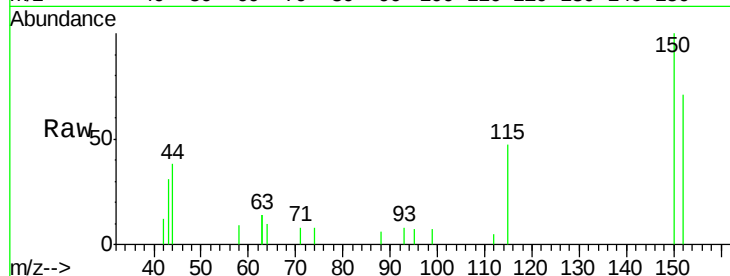


#1

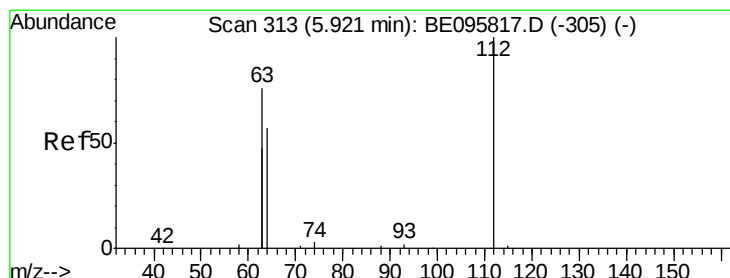
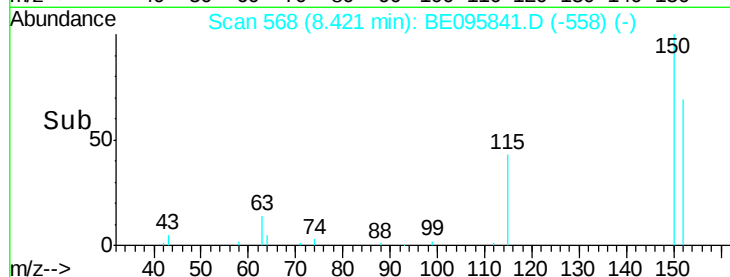
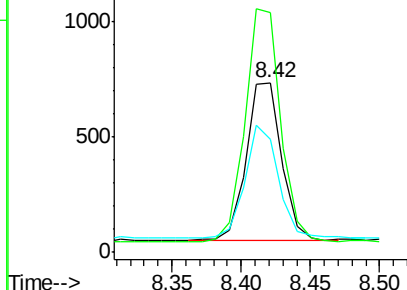
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095841.D
Acq: 26 Mar 2018 15:38

Instrument :
BNA_E
ClientSampleId :
KY038PS033-180319

Tot Ion:152 Resp: 1212
Ion Ratio Lower Upper
152 100
150 141.0 117.2 175.8
115 66.4 57.0 85.6



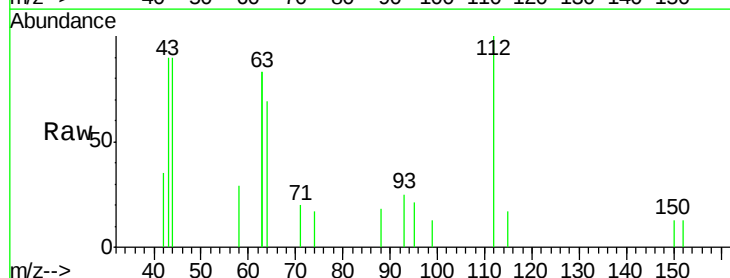
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



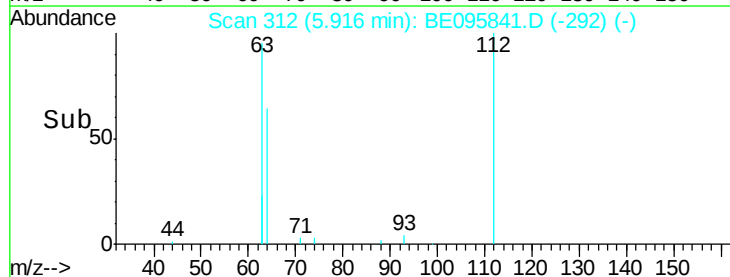
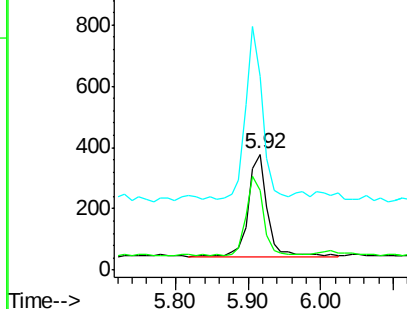
#4

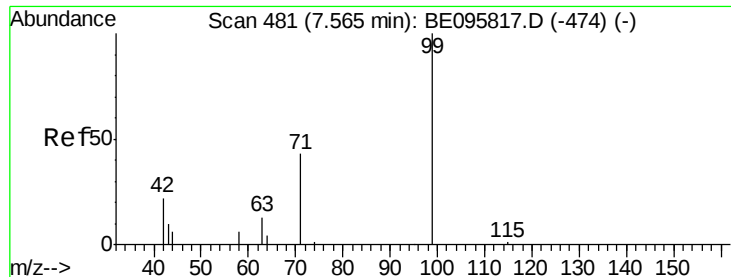
2-Fluorophenol
Concen: 0.152 ng
RT: 5.92 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095841.D
Acq: 26 Mar 2018 15:38

Tgt Ion:112 Resp: 608
Ion Ratio Lower Upper
112 100
64 70.6 60.1 90.1
63 153.9 116.8 175.2



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: 0.087 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

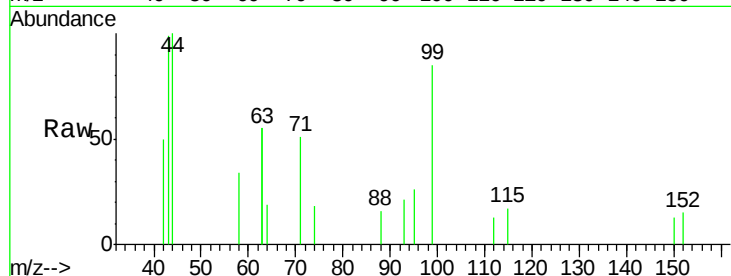
Tot Ion: 99 Resp: 477

Ion Ratio Lower Upper

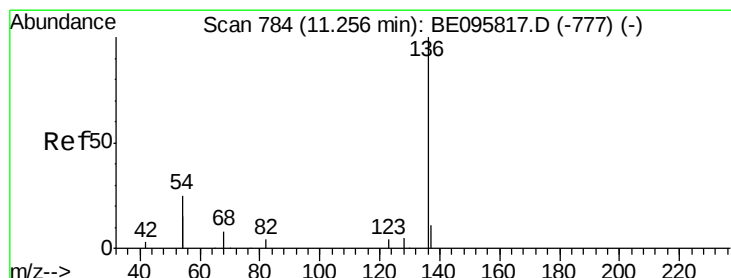
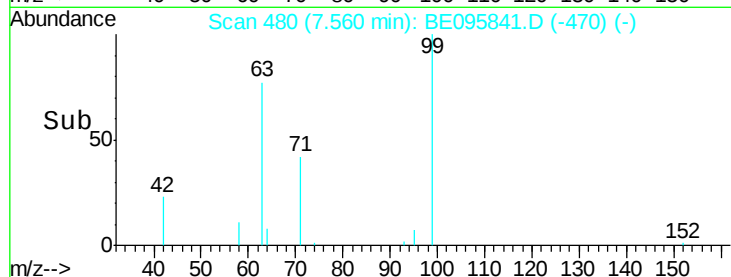
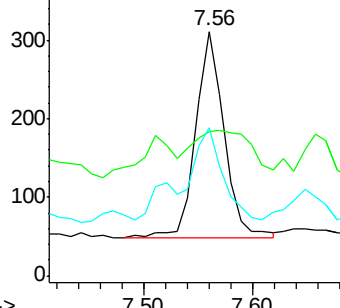
99 100

42 37.9 20.2 30.2#

71 61.2 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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Tgt Ion: 136 Resp: 4696

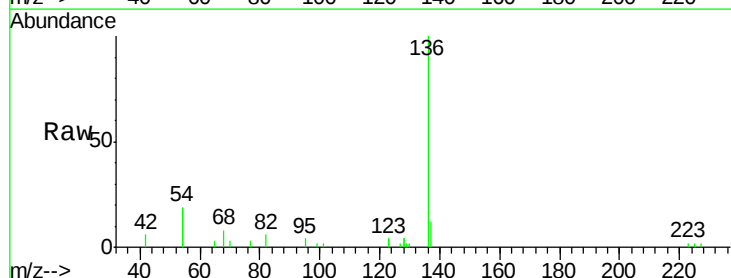
Ion Ratio Lower Upper

136 100

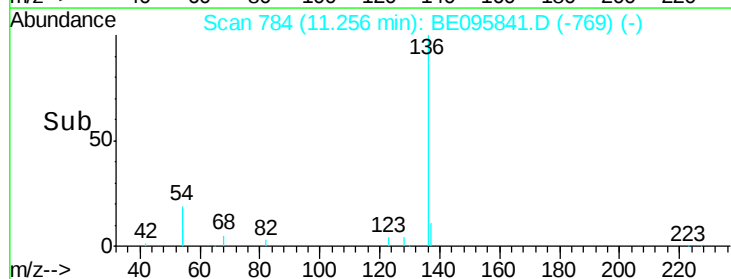
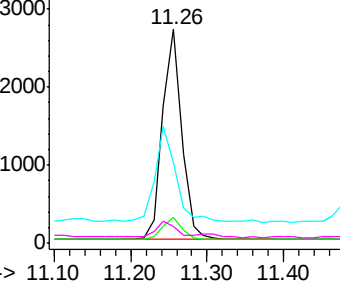
137 12.2 9.5 14.3

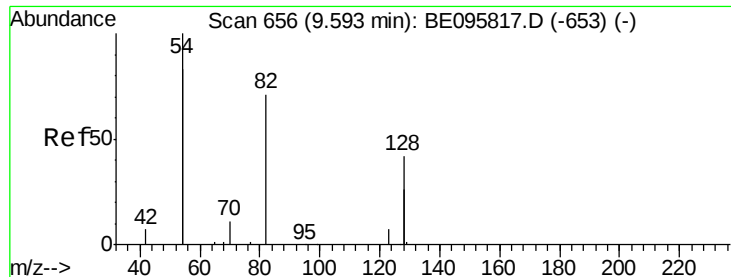
54 38.0 29.1 43.7

68 8.0 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: 0.463 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

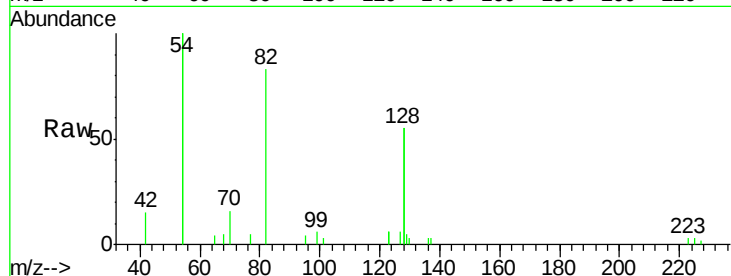
Tot Ion: 82 Resp: 2567

Ion Ratio Lower Upper

82 100

128 132.2 150.0 225.0#

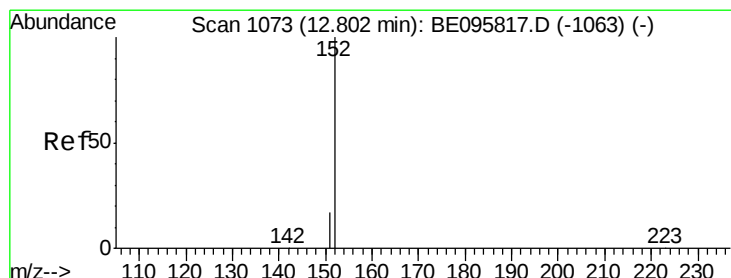
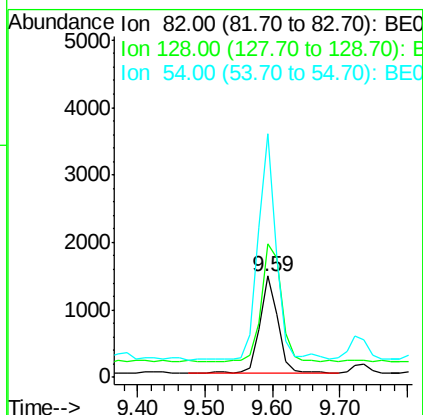
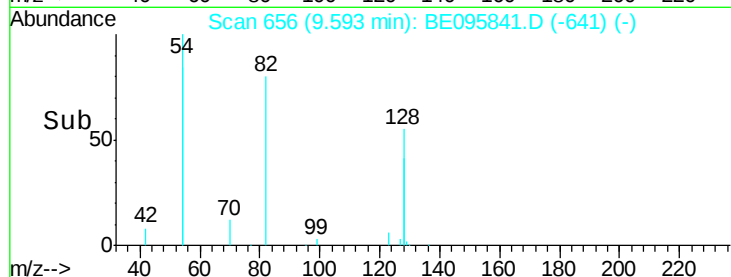
54 240.0 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095841.D (-641) (-)

Ion 128.00 (127.70 to 128.70): BE095841.D (-641) (-)

Ion 54.00 (53.70 to 54.70): BE095841.D (-641) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095841.D

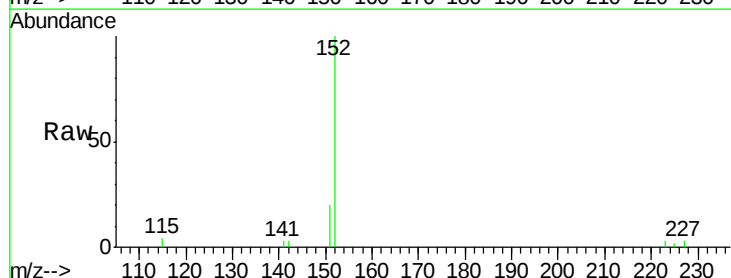
Acq: 26 Mar 2018 15:38

Tgt Ion: 152 Resp: 2836

Ion Ratio Lower Upper

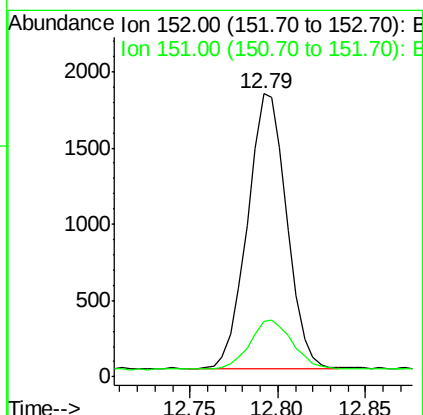
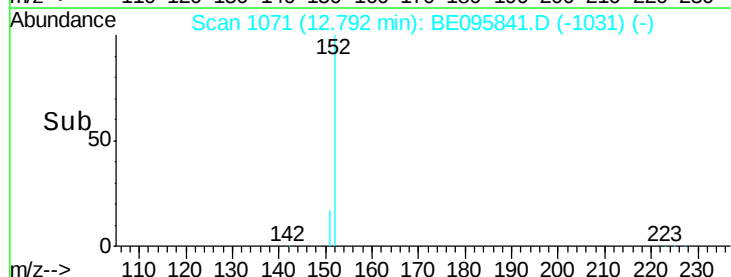
152 100

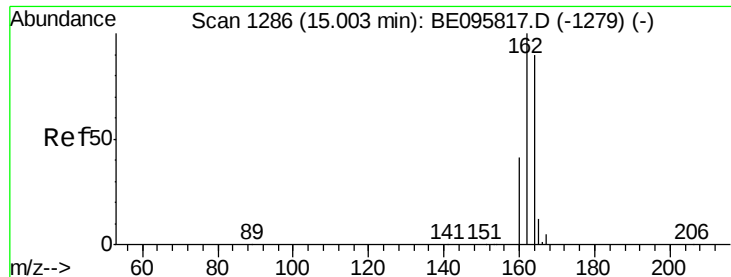
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095841.D (-1031) (-)

Ion 151.00 (150.70 to 151.70): BE095841.D (-1031) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

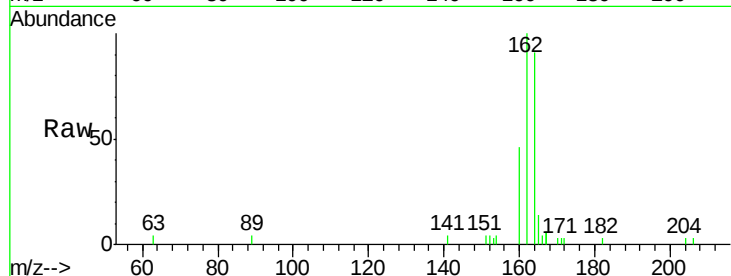
Tot Ion:164 Resp: 2694

Ion Ratio Lower Upper

164 100

162 109.6 83.1 124.7

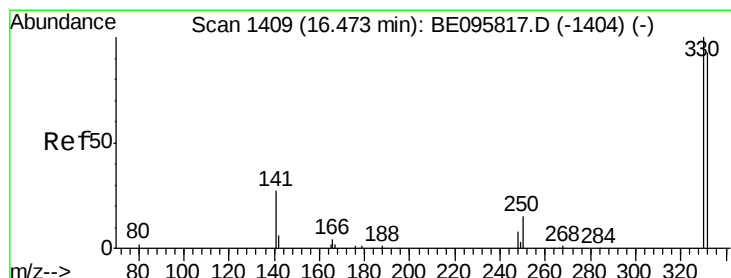
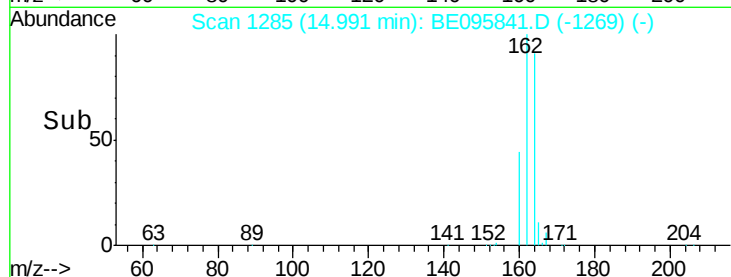
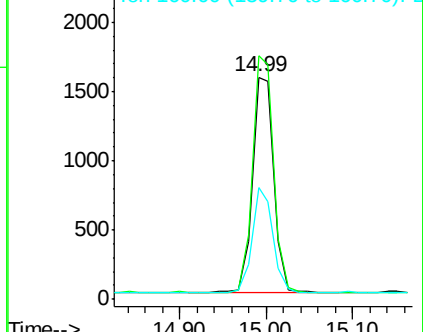
160 50.1 37.1 55.7



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: 0.414 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

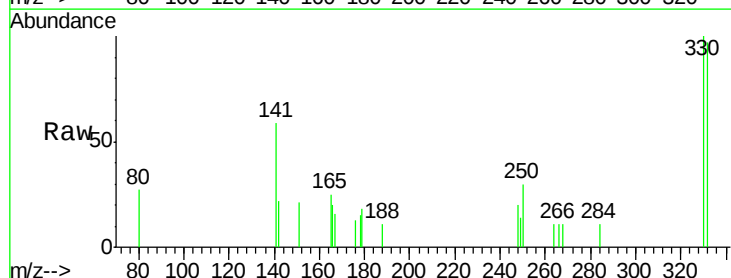
Tgt Ion:330 Resp: 643

Ion Ratio Lower Upper

330 100

332 95.0 152.7 229.1#

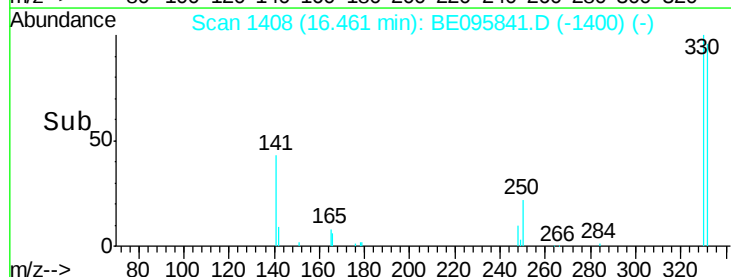
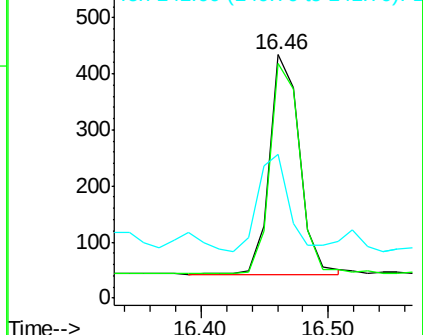
141 46.5 33.7 50.5

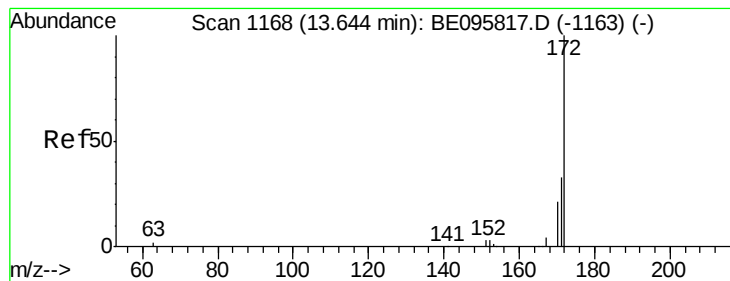


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.498 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

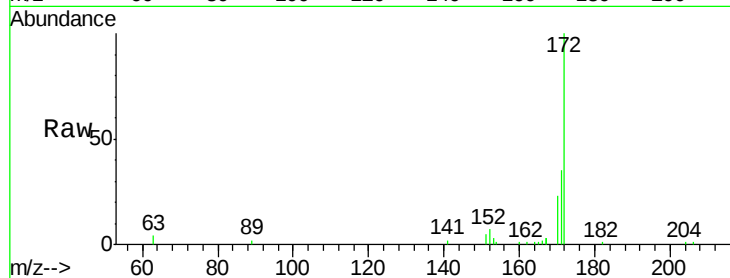
Tot Ion:172 Resp: 5654

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

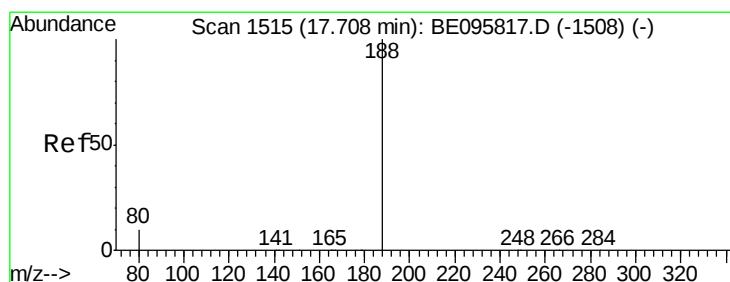
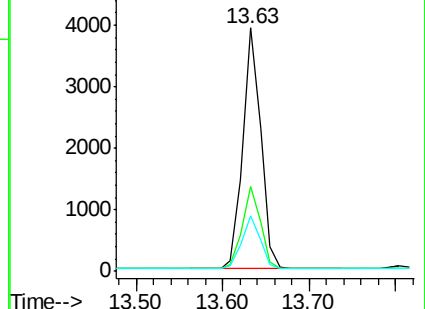
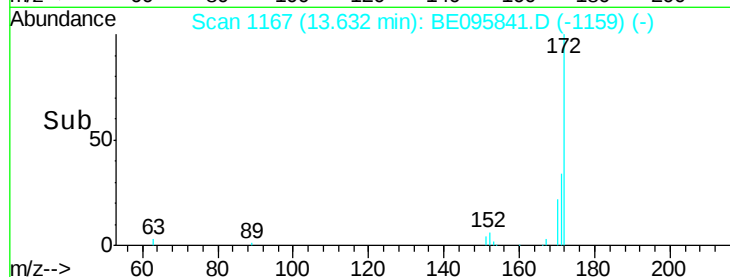
170 22.6 21.8 32.8



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: BE095841.D

Acq: 26 Mar 2018 15:38

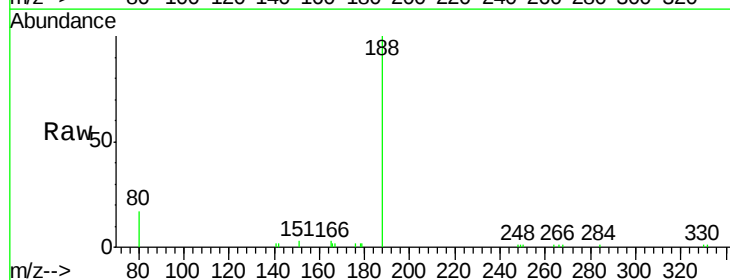
Tgt Ion:188 Resp: 6517

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

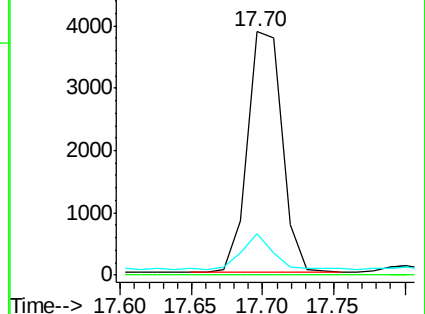
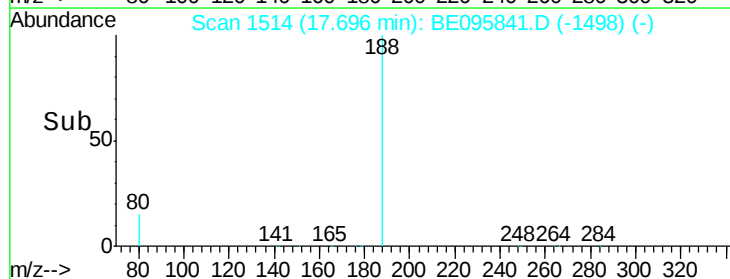
80 17.2 3.6 5.4#

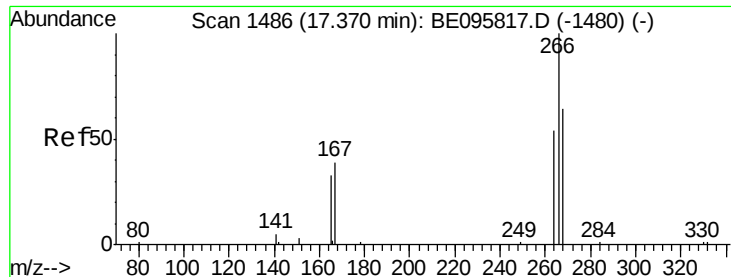


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.226 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

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ClientSampleId :

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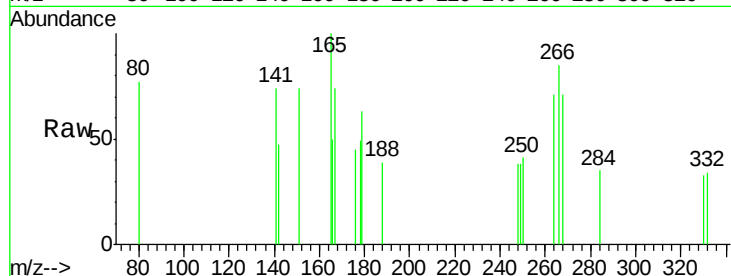
Tot Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

264 84.1 72.5 108.7

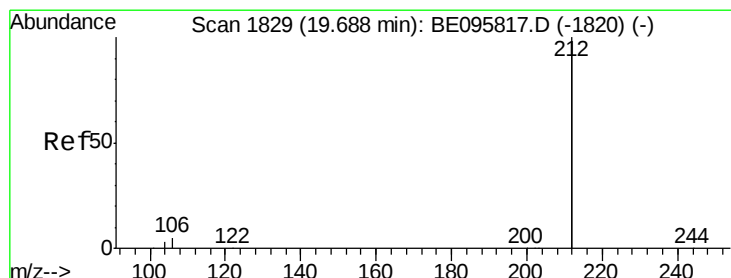
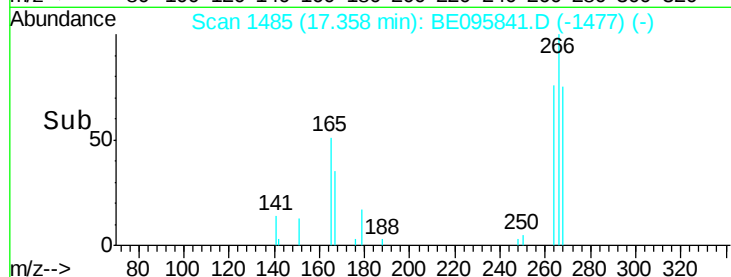
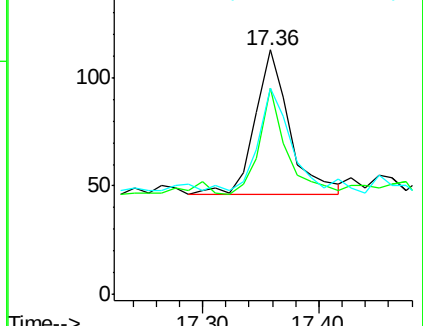
268 84.1 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

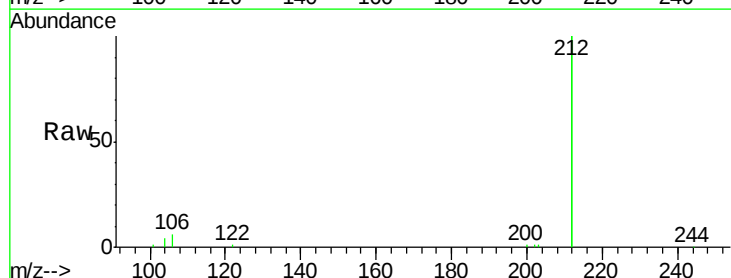
Tgt Ion:212 Resp: 35505

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

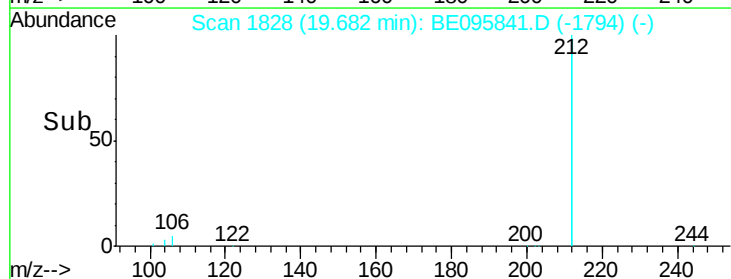
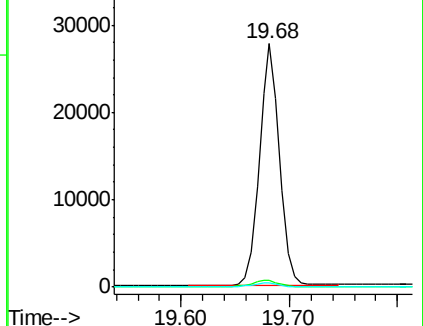
104 1.7 1.6 2.4

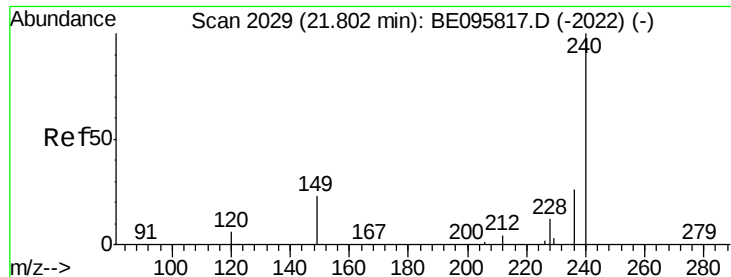


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

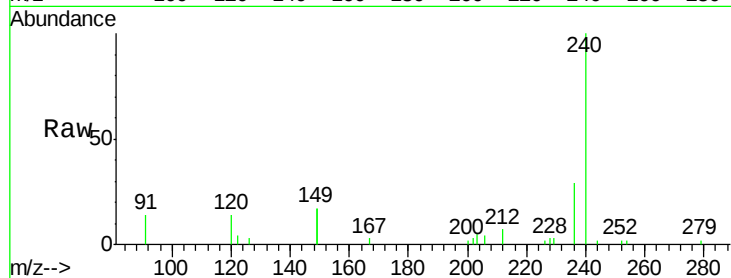
Tot Ion:240 Resp: 7683

Ion Ratio Lower Upper

240 100

120 13.8 5.5 8.3#

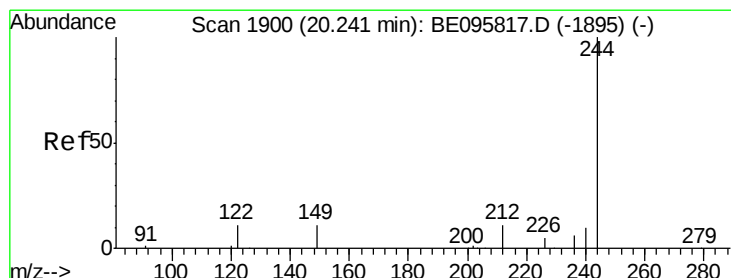
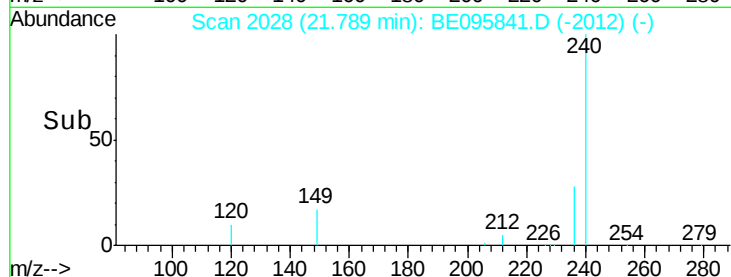
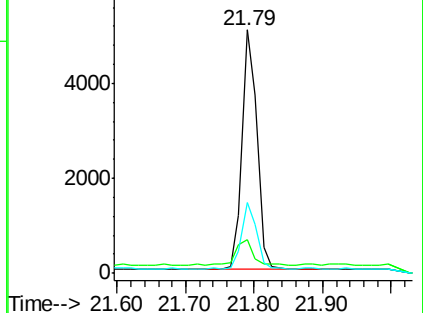
236 29.2 20.7 31.1



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: 0.503 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

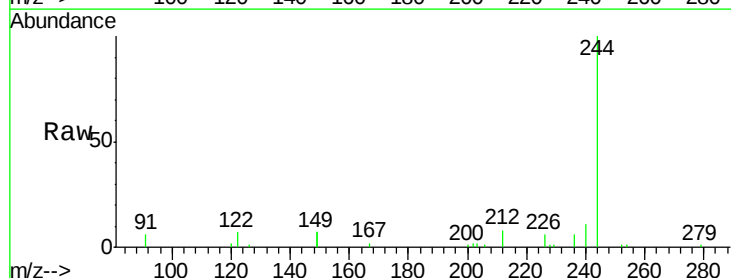
Tgt Ion:244 Resp: 8202

Ion Ratio Lower Upper

244 100

212 8.5 25.4 38.0#

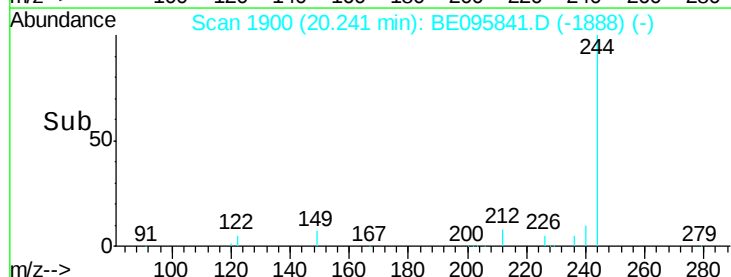
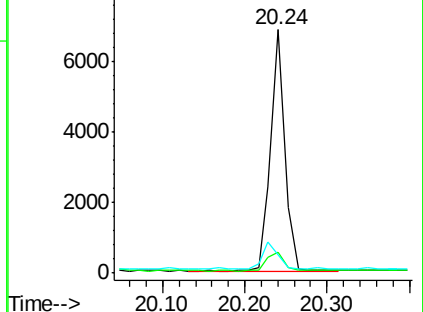
122 7.3 8.1 12.1#

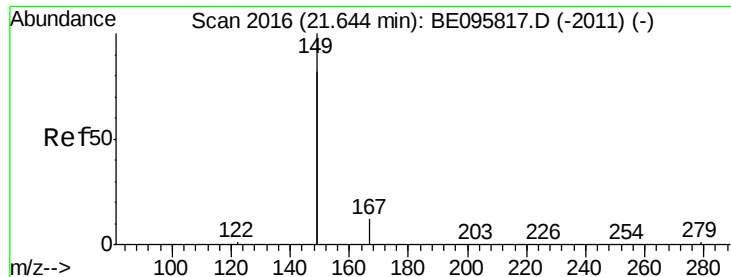


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.191 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

Instrument :

BNA_E

ClientSampleId :

KY038PS033-180319

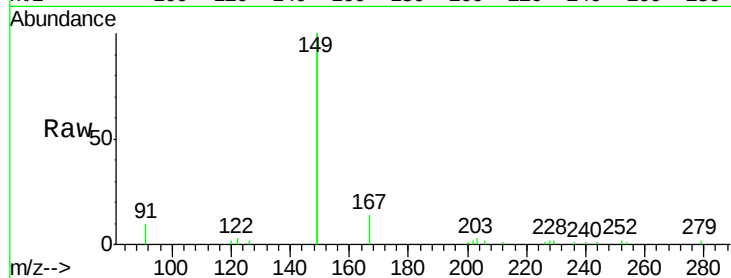
Tot Ion:149 Resp: 15576

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

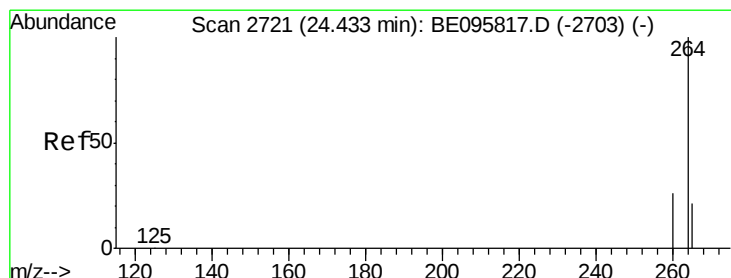
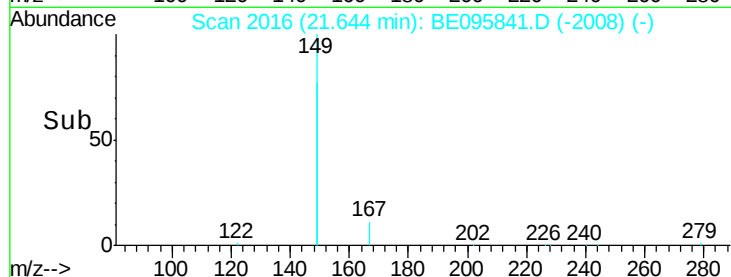
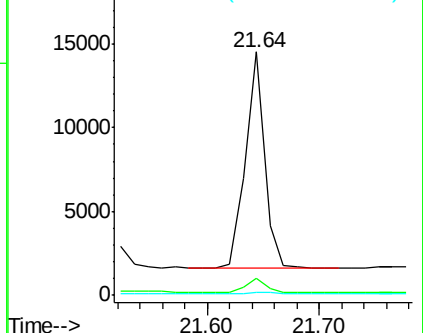
279 1.2 0.7 1.1#



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: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095841.D

Acq: 26 Mar 2018 15:38

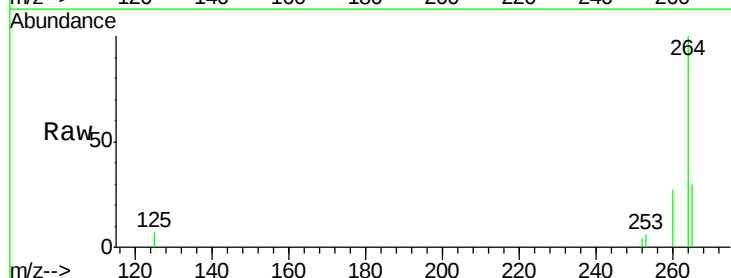
Tgt Ion:264 Resp: 7377

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 29.5 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

