

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095925.D
 Acq On : 2 Apr 2018 13:46
 Operator : SJ/JU
 Sample : J2116-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:49:46 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

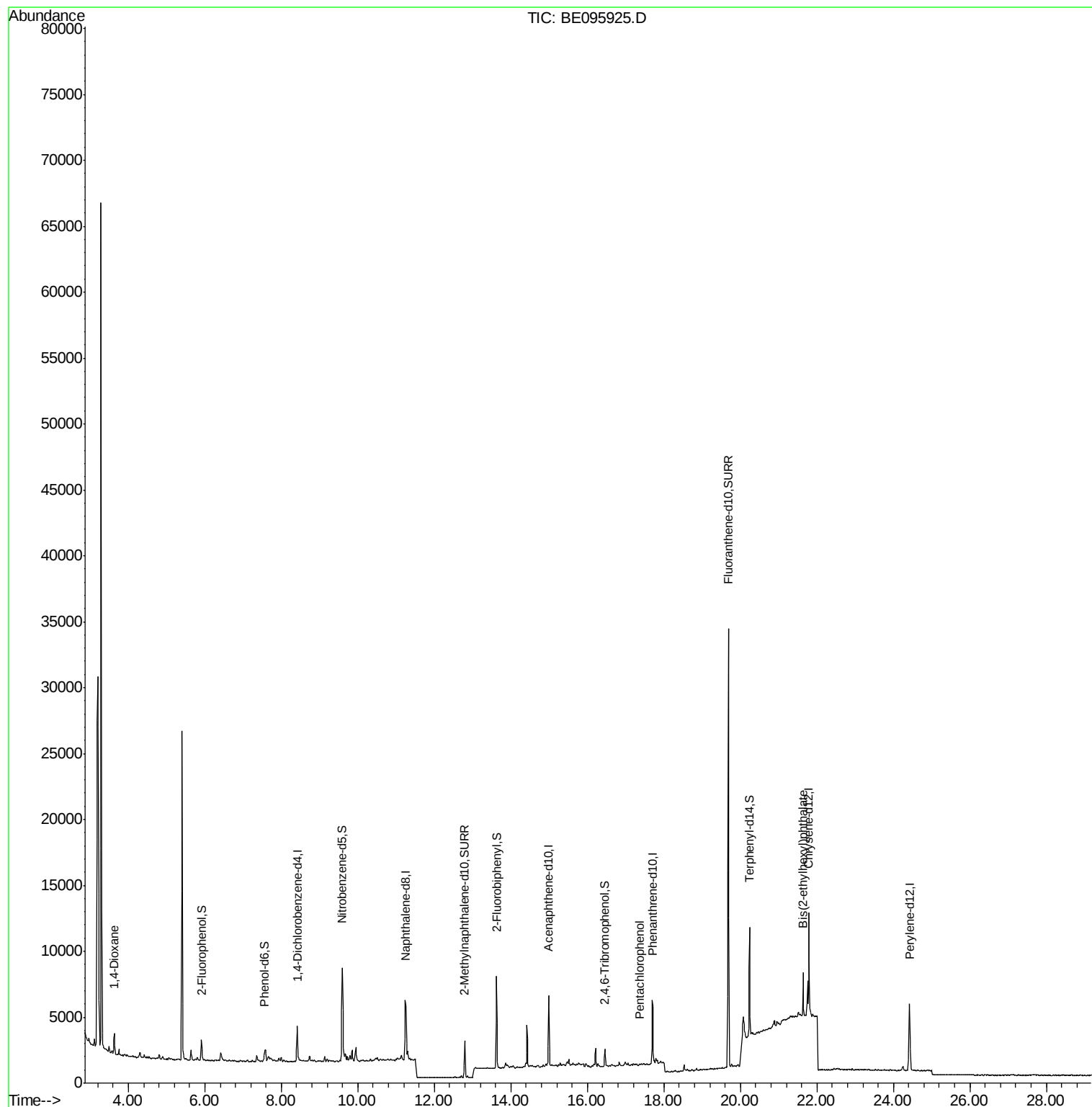
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1326	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5338	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	3130	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	7167	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7593	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7610	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	754	0.17	ng	0.00
5) Phenol-d6	7.56	99	666	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2688	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3627	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	753	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5853	0.44	ng	-0.01
25) Fluoranthene-d10	19.68	212	40615	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	7797	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	943	0.434	ng	Qvalue # 81
22) Pentachlorophenol	17.36	266	30	0.149	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	4572	0.057	ng	# 96

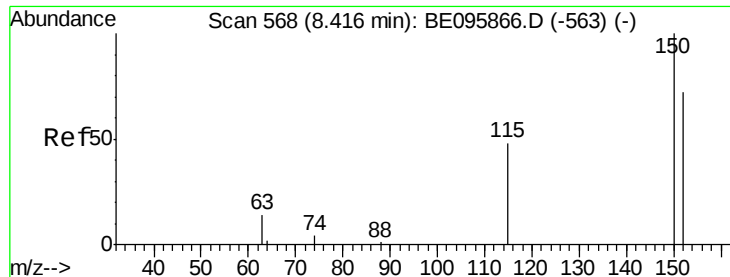
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampled :

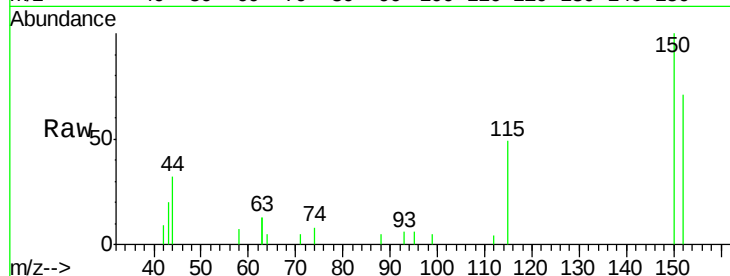
Tot Ion:152 Resp: 1326

Ion Ratio Lower Upper

152 100

150 141.7 117.2 175.8

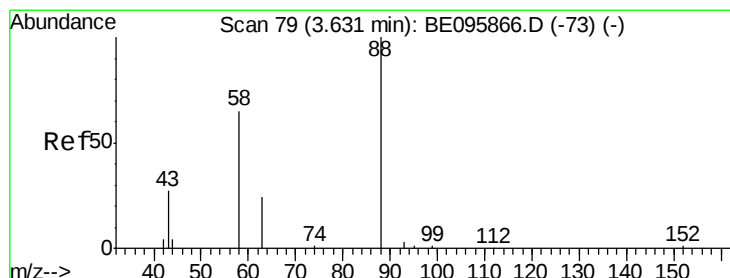
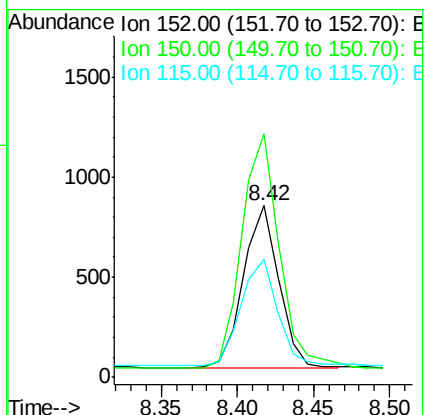
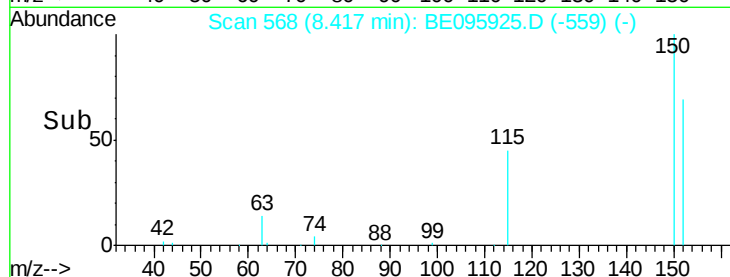
115 68.8 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.434 ng

RT: 3.63 min Scan# 79

Delta R.T. 0.00 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

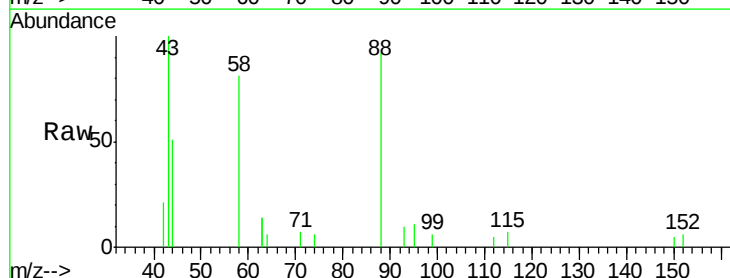
Tgt Ion: 88 Resp: 943

Ion Ratio Lower Upper

88 100

58 89.7 63.2 94.8

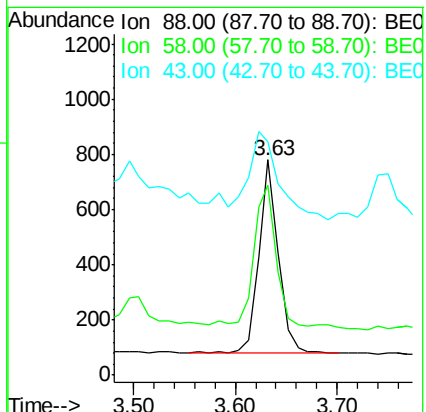
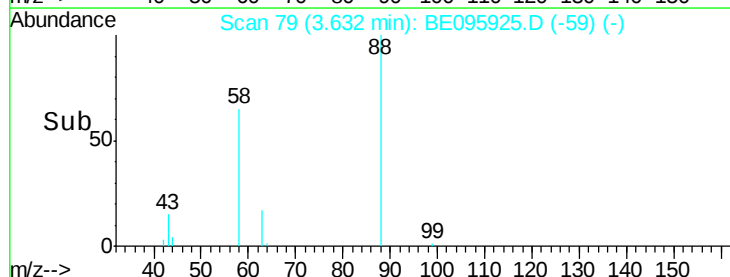
43 72.9 41.2 61.8#

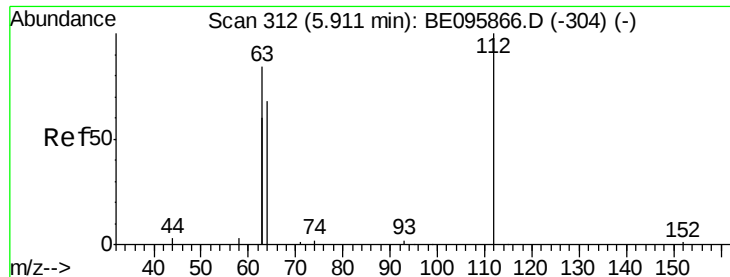


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampleId :

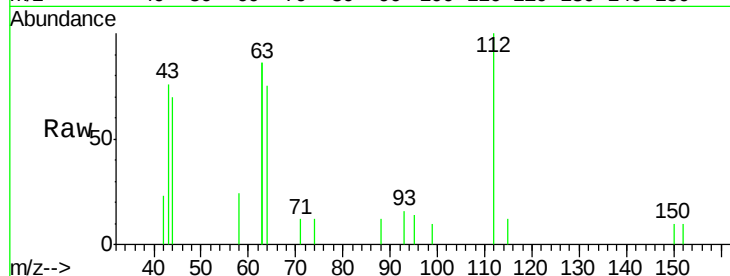
Tot Ion: 112 Resp: 754

Ion Ratio Lower Upper

112 100

64 74.9 60.1 90.1

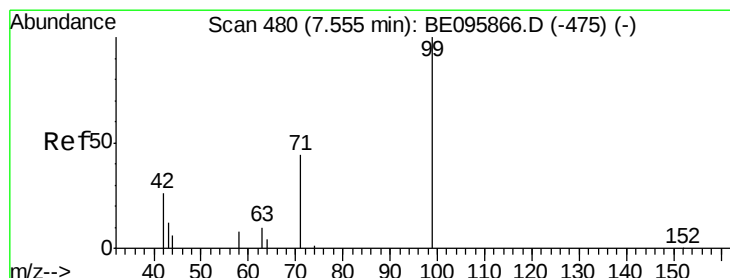
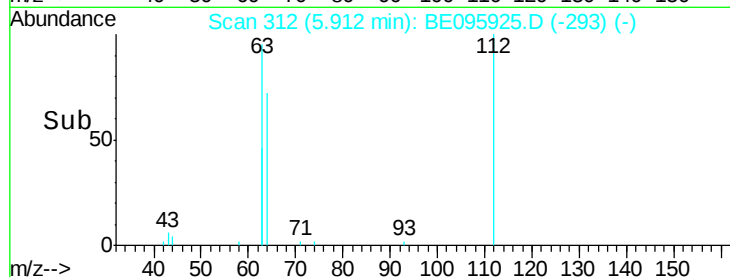
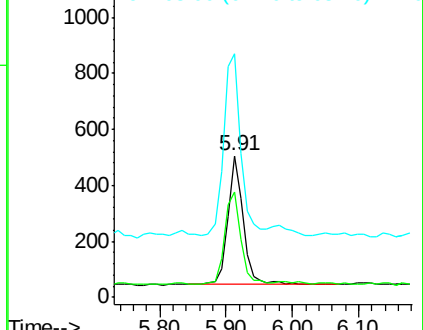
63 157.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.111 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

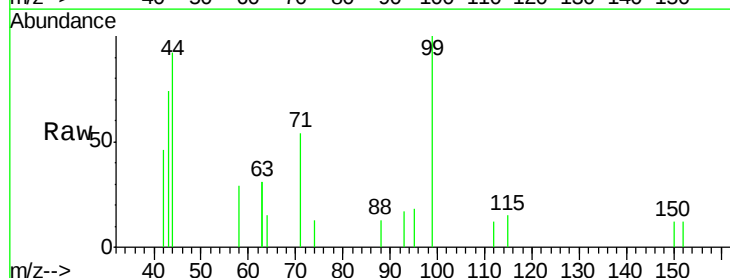
Tgt Ion: 99 Resp: 666

Ion Ratio Lower Upper

99 100

42 35.3 20.2 30.2#

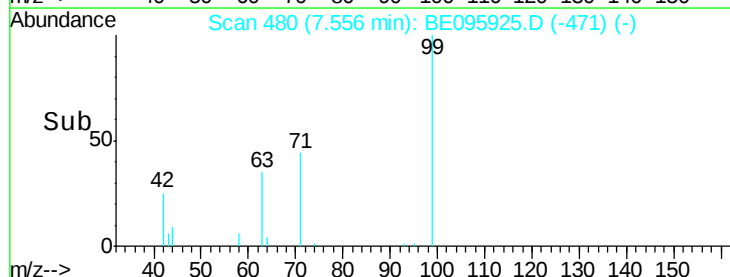
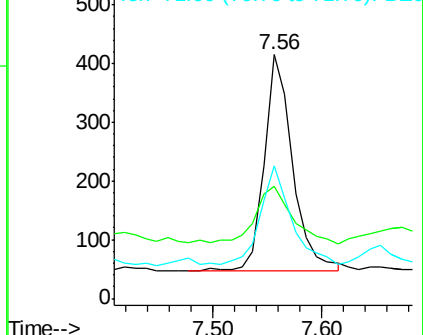
71 50.2 28.4 42.6#

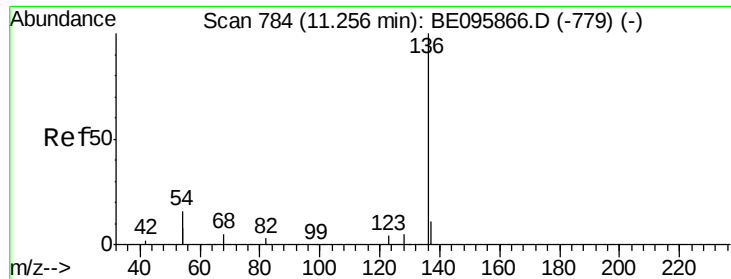


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5338

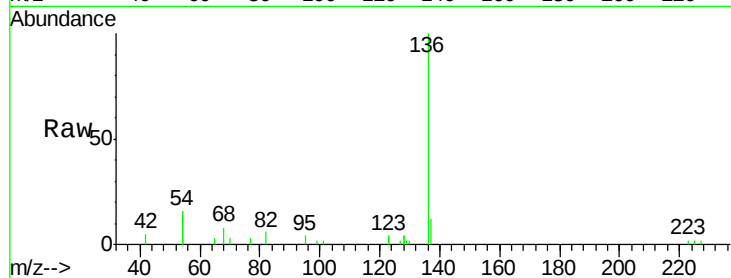
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 32.2 29.1 43.7

68 7.5 6.2 9.2

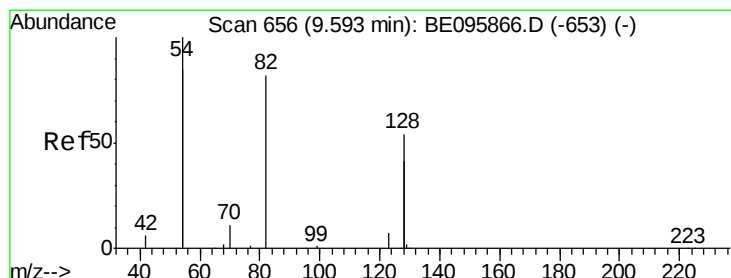
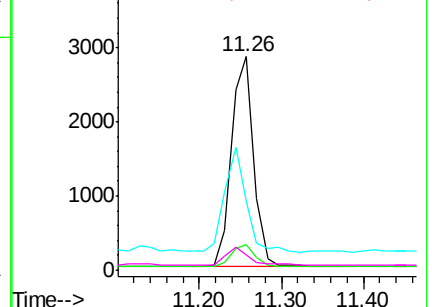
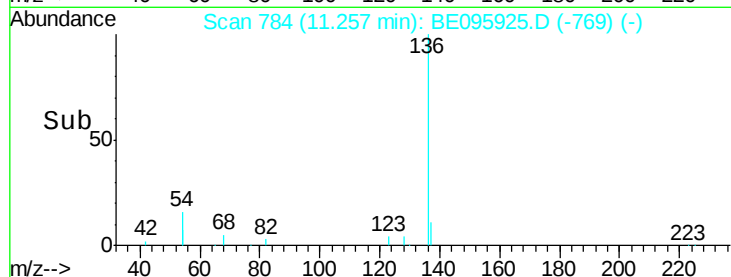


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

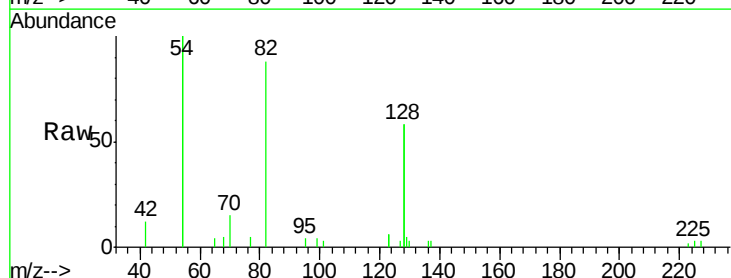
Tgt Ion: 82 Resp: 2688

Ion Ratio Lower Upper

82 100

128 131.2 150.0 225.0#

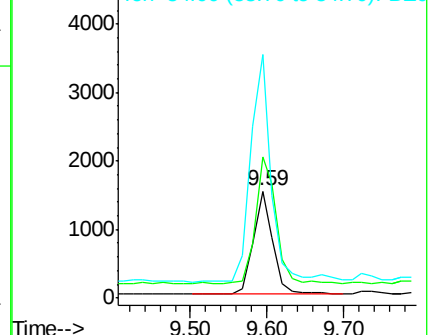
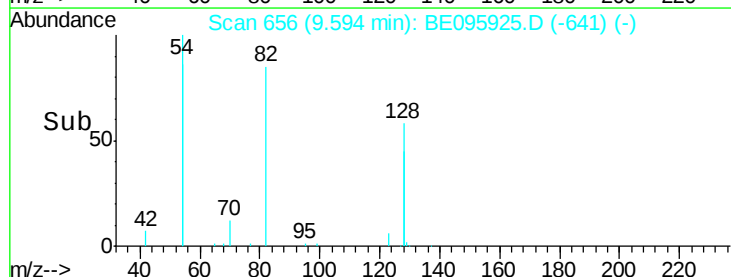
54 227.1 154.2 231.4

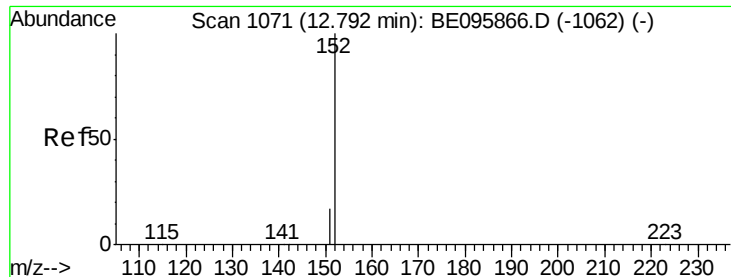


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

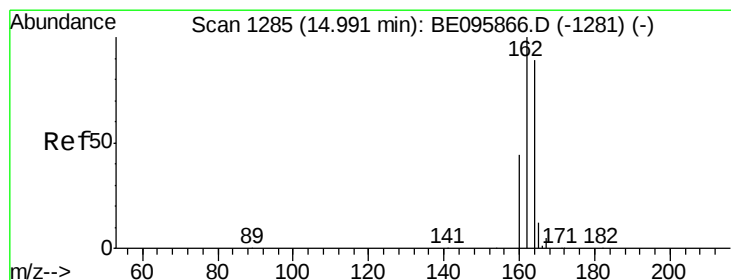
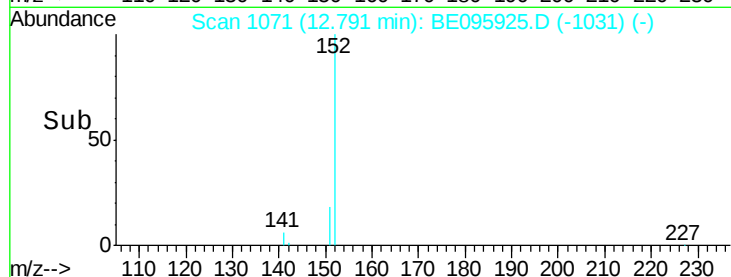
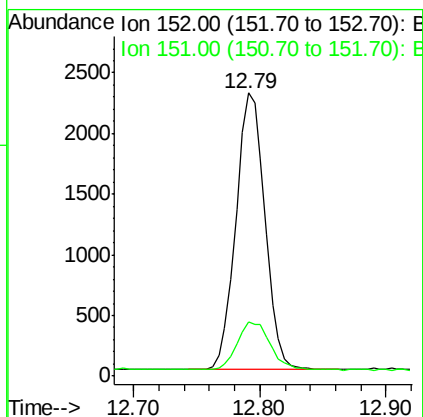
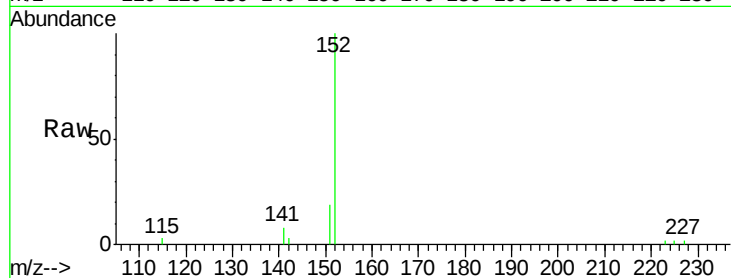




#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095925.D
Acq: 2 Apr 2018 13:46

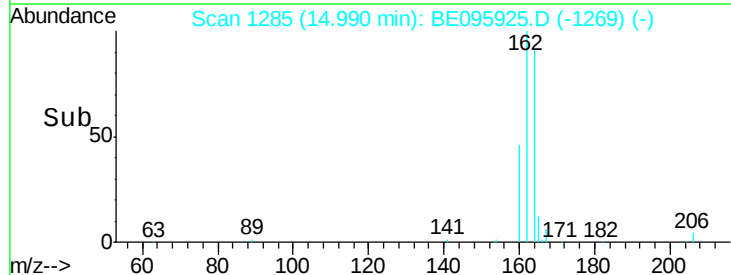
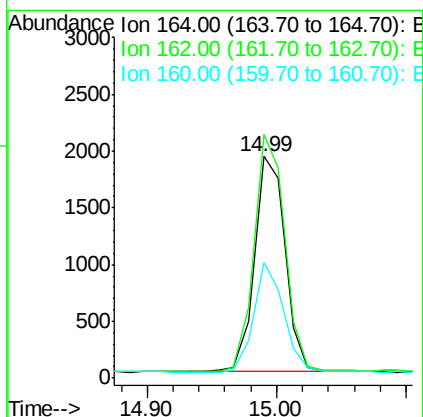
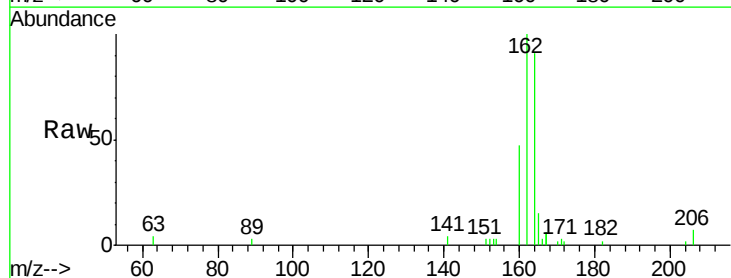
Instrument :
BNA_E
ClientSampled :

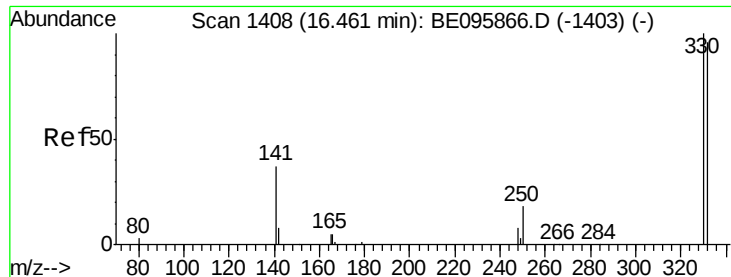
Tot Ion:152 Resp: 3627
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095925.D
Acq: 2 Apr 2018 13:46

Tgt Ion:164 Resp: 3130
Ion Ratio Lower Upper
164 100
162 109.8 83.1 124.7
160 52.0 37.1 55.7

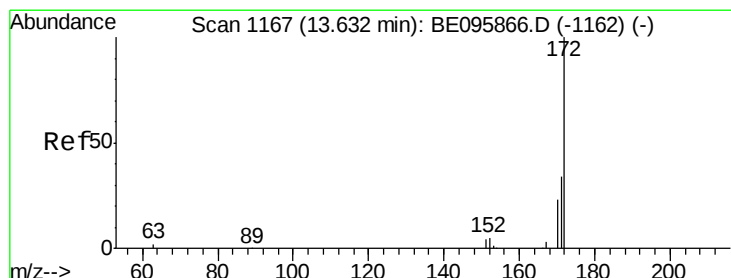
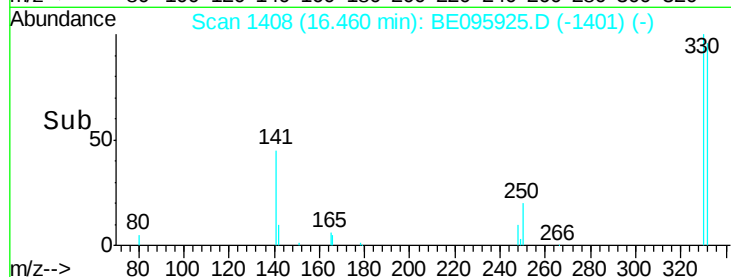
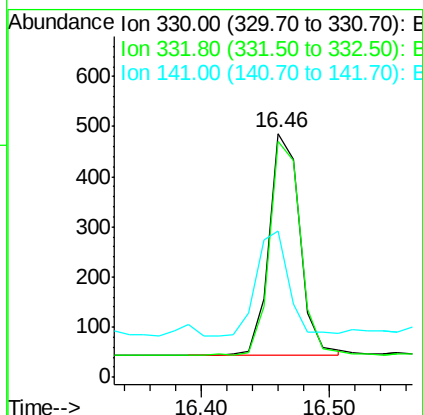
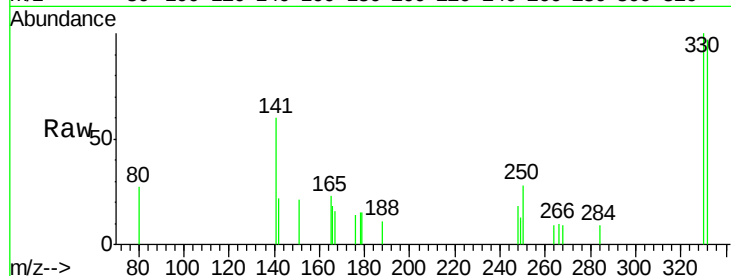




#14
 2,4,6-Tribromophenol
 Concen: 0.417 ng
 RT: 16.46 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BE095925.D
 Acq: 2 Apr 2018 13:46

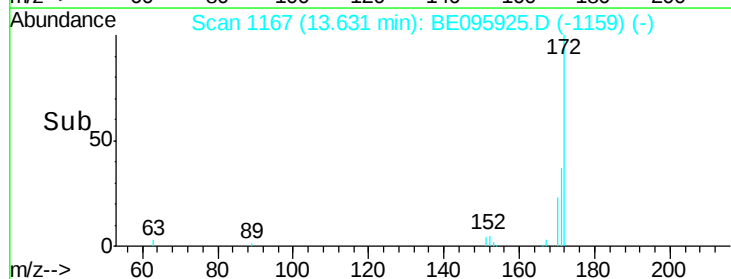
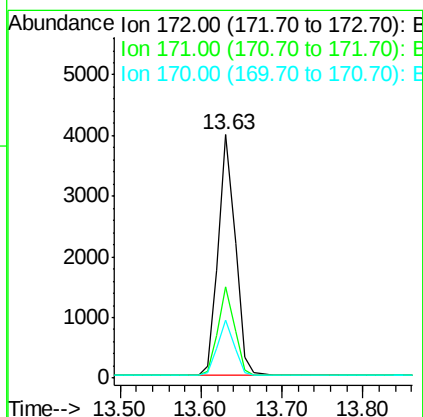
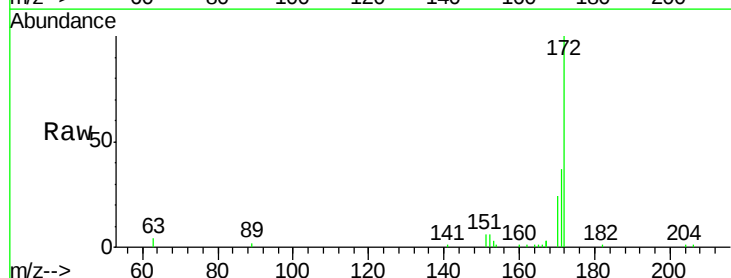
Instrument :
 BNA_E
 ClientSampled :

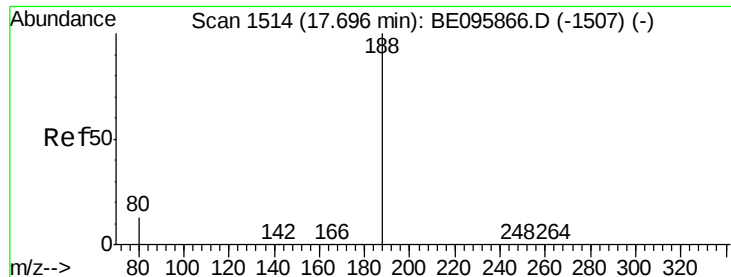
Tot Ion:330 Resp: 753
 Ion Ratio Lower Upper
 330 100
 332 96.5 152.7 229.1#
 141 50.7 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.444 ng
 RT: 13.63 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BE095925.D
 Acq: 2 Apr 2018 13:46

Tgt Ion:172 Resp: 5853
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 24.1 21.8 32.8

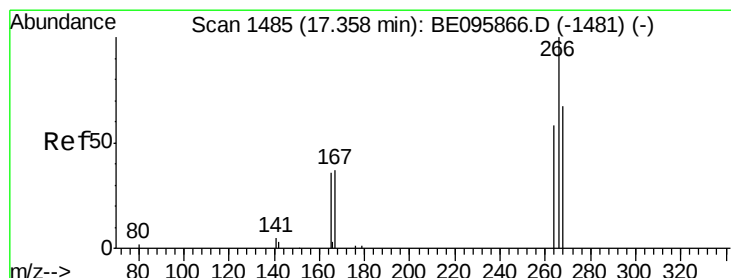
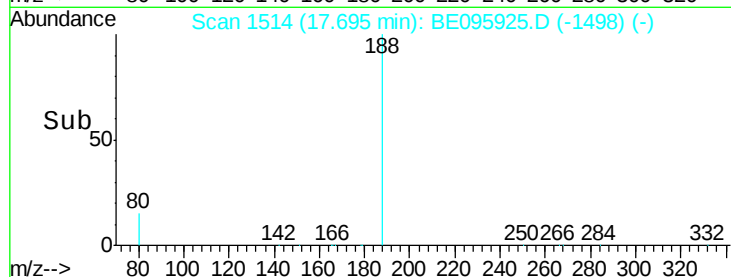
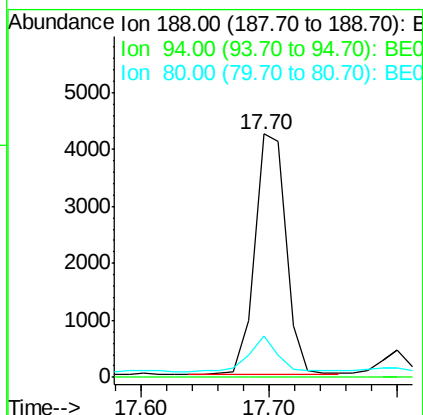
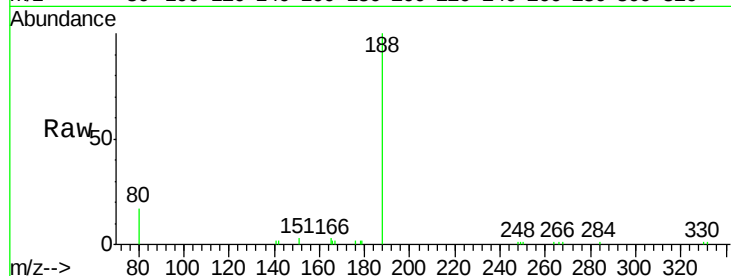




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095925.D
Acq: 2 Apr 2018 13:46

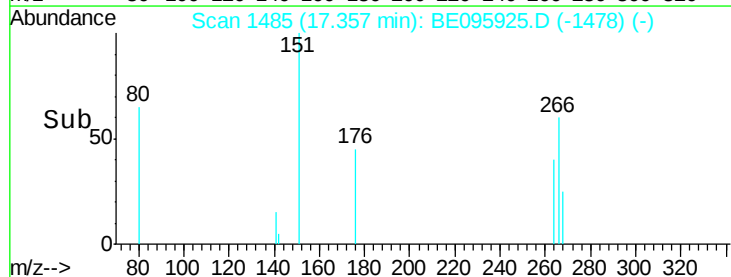
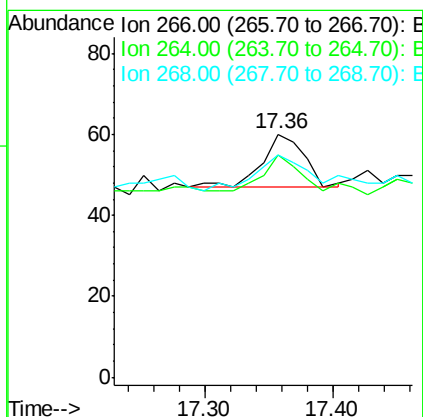
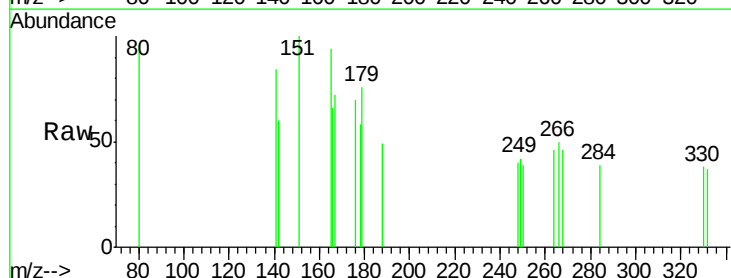
Instrument :
BNA_E
ClientSampleId :

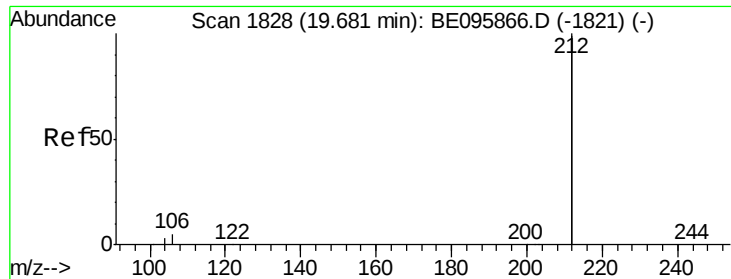
Tot Ion:188 Resp: 7167
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 17.2 3.6 5.4#



#22
Pentachlorophenol
Concen: 0.149 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095925.D
Acq: 2 Apr 2018 13:46

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 91.7 72.5 108.7
268 91.7 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampleId :

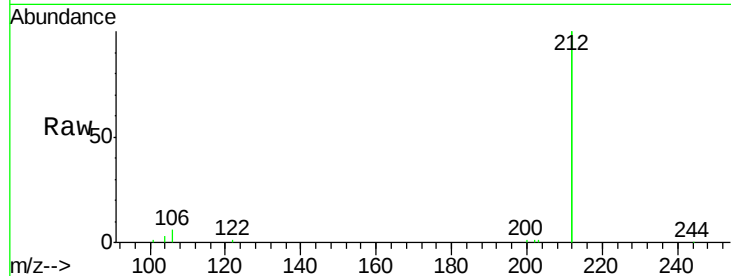
Tot Ion:212 Resp: 40615

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

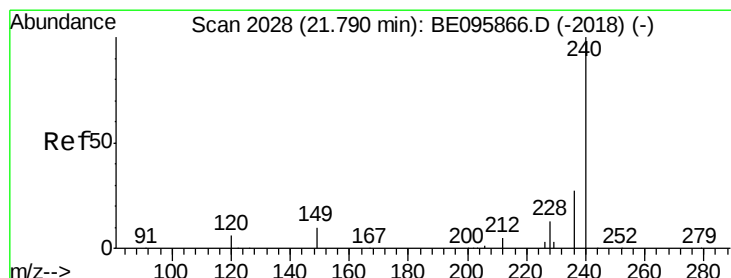
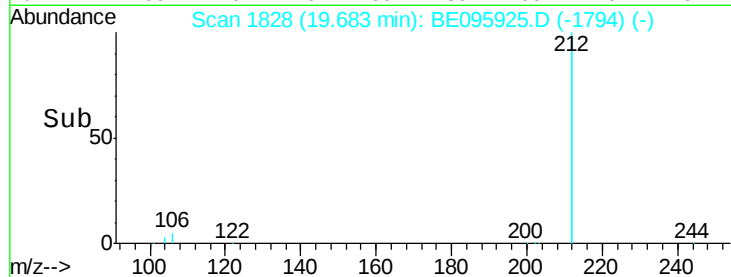
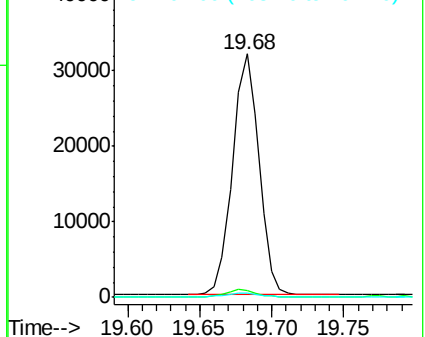
104 1.9 1.6 2.4



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: BE095925.D

Acq: 2 Apr 2018 13:46

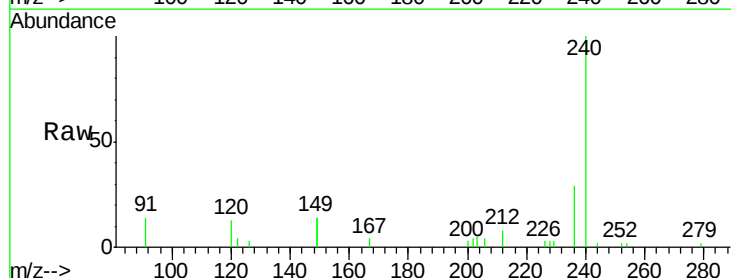
Tgt Ion:240 Resp: 7593

Ion Ratio Lower Upper

240 100

120 12.8 5.5 8.3#

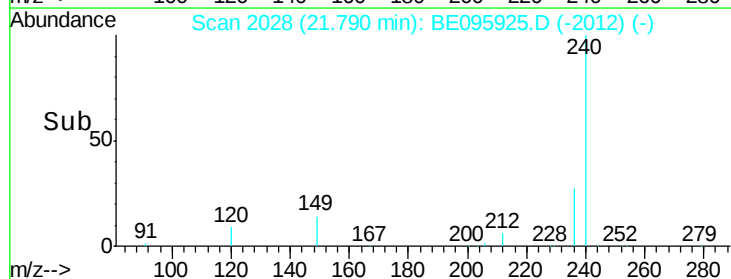
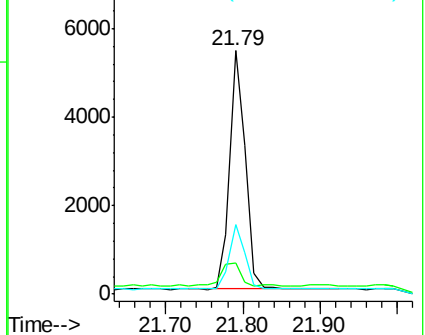
236 28.8 20.7 31.1

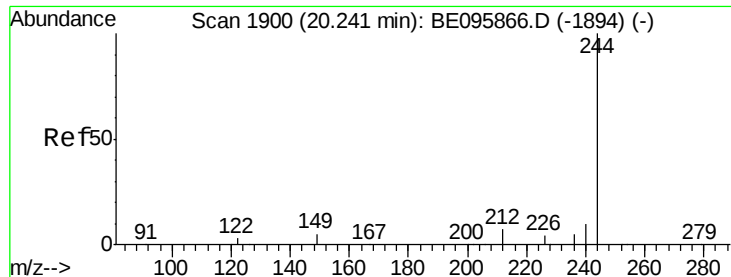


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampleId :

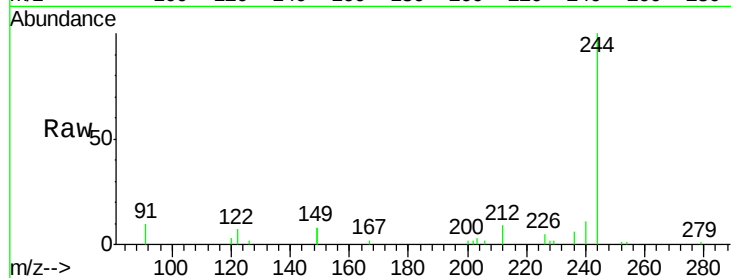
Tot Ion:244 Resp: 7797

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

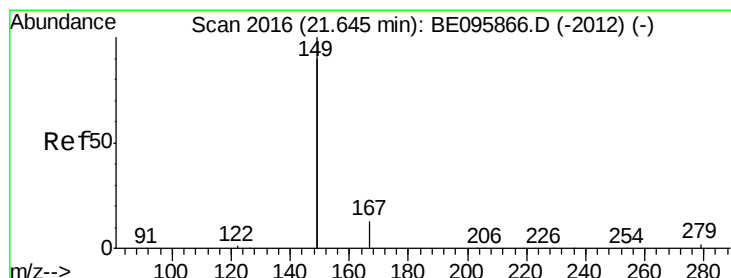
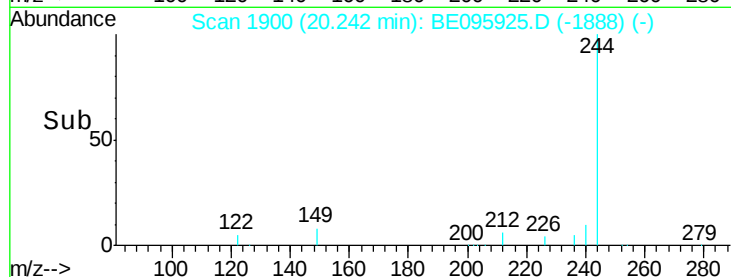
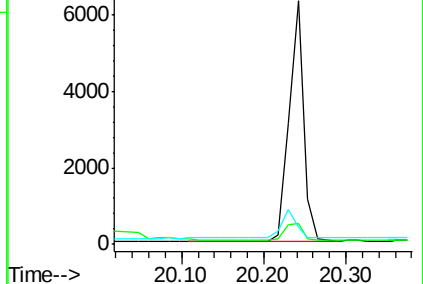
122 7.0 8.1 12.1#



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: 0.057 ng

RT: 21.65 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

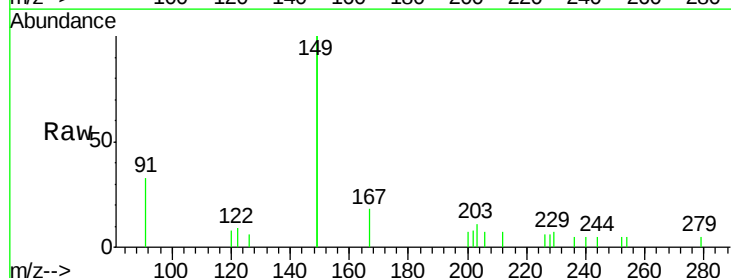
Tgt Ion:149 Resp: 4572

Ion Ratio Lower Upper

149 100

167 8.2 5.4 8.0#

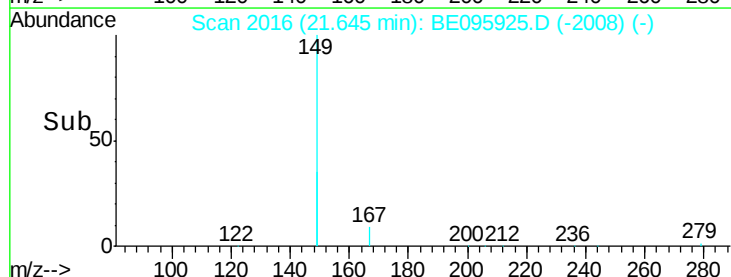
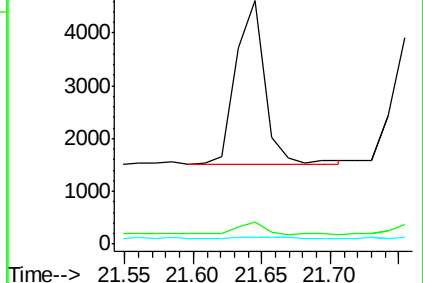
279 1.4 0.7 1.1#

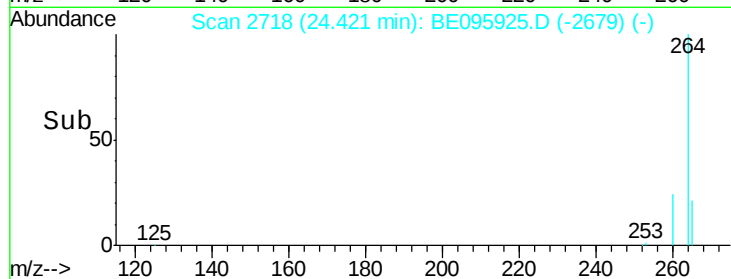
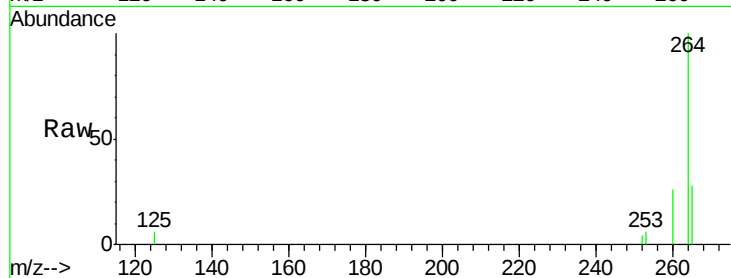
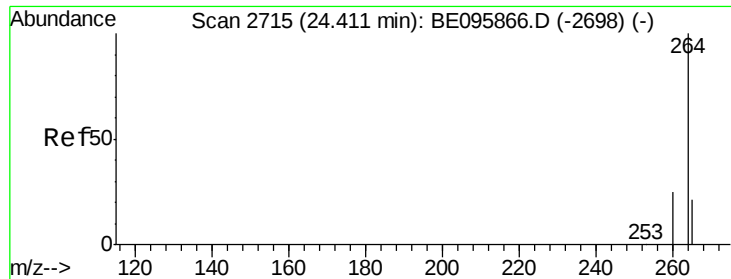


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BE095925.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7610

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 27.7 22.8 34.2

