

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095730.D
 Acq On : 12 Mar 2018 15:04
 Operator : SJ/JU
 Sample : J1867-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043075

Quant Time: Mar 12 16:44:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

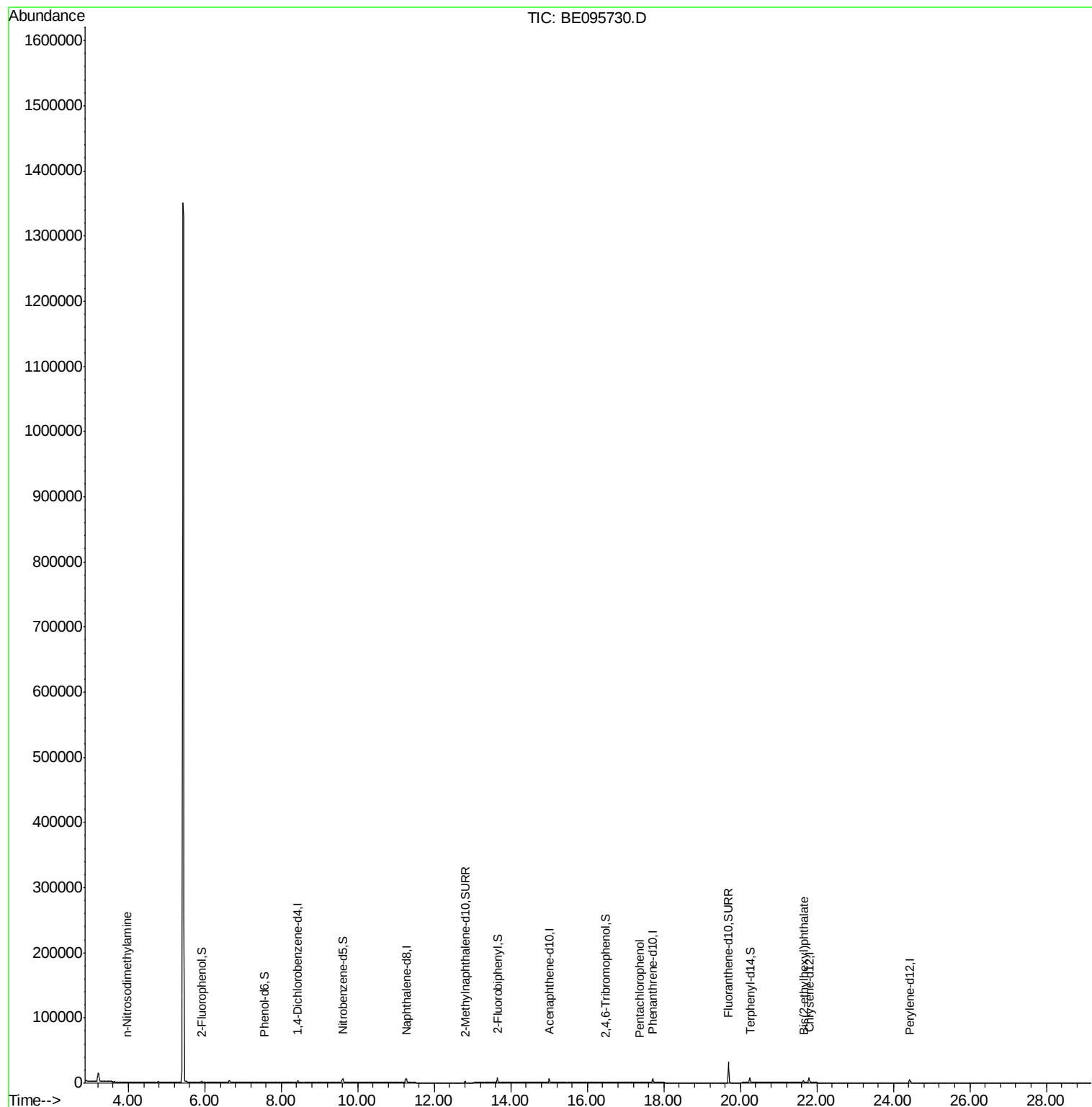
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1541	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6125	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3429	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7707	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7841	0.40	ng	0.00
34) Perylene-d12	24.43	264	7428	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	530	0.13	ng	0.00
5) Phenol-d6	7.56	99	531	0.09	ng	0.00
8) Nitrobenzene-d5	9.61	82	2295	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3793	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	315	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6734	0.44	ng	0.00
25) Fluoranthene-d10	19.69	212	39819	0.40	ng	0.00
29) Terphenyl-d14	20.25	244	7047	0.45	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.97	42	63	0.021	ng	Qvalue # 1
22) Pentachlorophenol	17.37	266	20	0.189	ng	96
32) Bis(2-ethylhexyl)phthalate	21.66	149	4214	0.093	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# 569

Delta R.T. -0.01 min

Lab File: BE095730.D

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ClientSampleId :

CPS043075

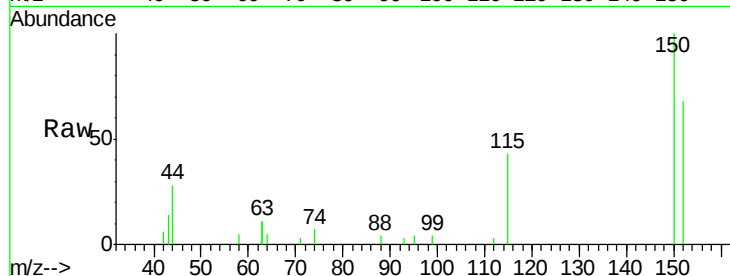
Tot Ion:152 Resp: 1541

Ion Ratio Lower Upper

152 100

150 147.8 117.2 175.8

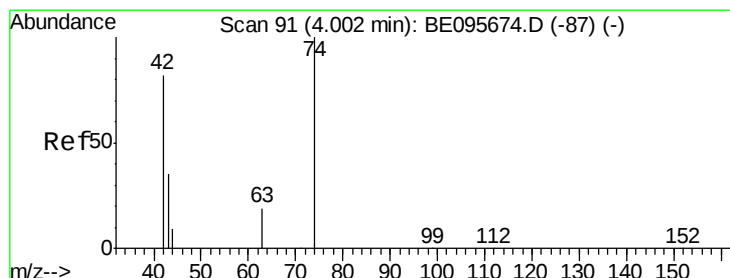
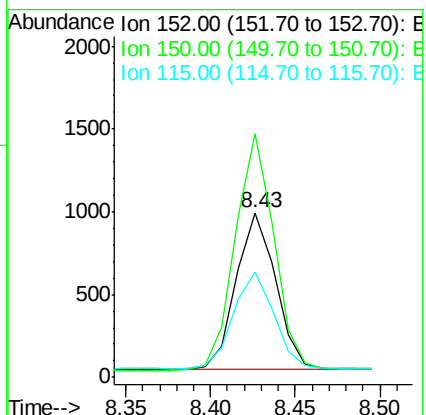
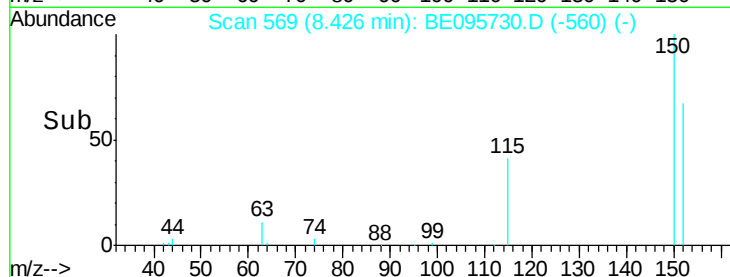
115 63.7 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.97 min Scan# 114

Delta R.T. -0.03 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

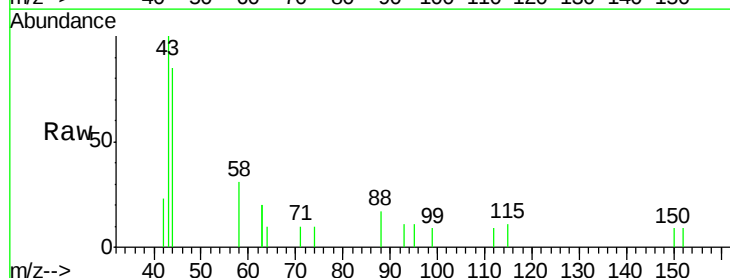
Tgt Ion: 42 Resp: 63

Ion Ratio Lower Upper

42 100

74 7.9 96.0 144.0#

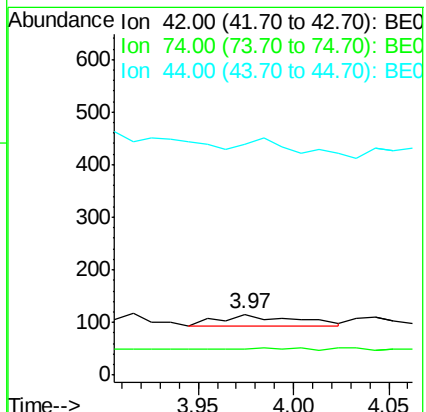
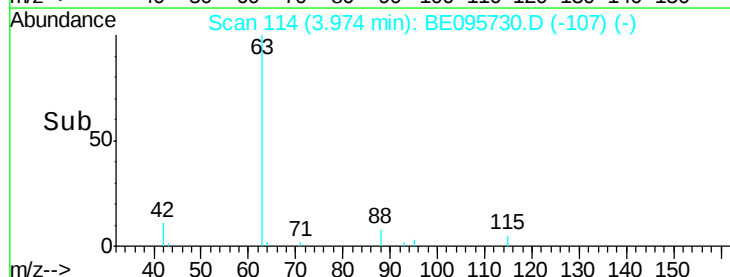
44 122.2 12.0 18.0#

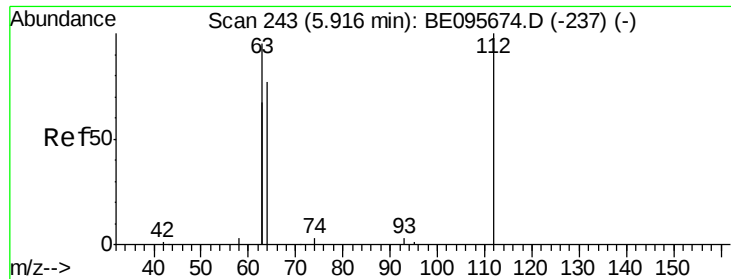


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.92 min Scan# 313

Delta R.T. 0.01 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

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ClientSampleId :

CPS043075

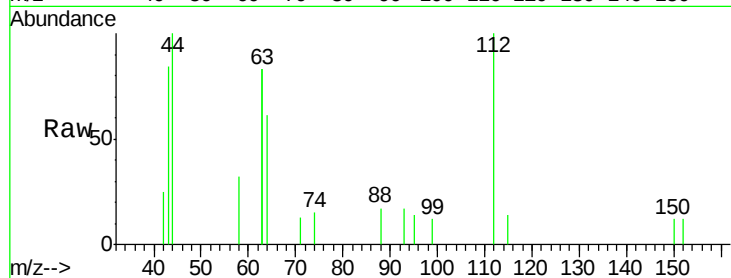
Tot Ion: 112 Resp: 530

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

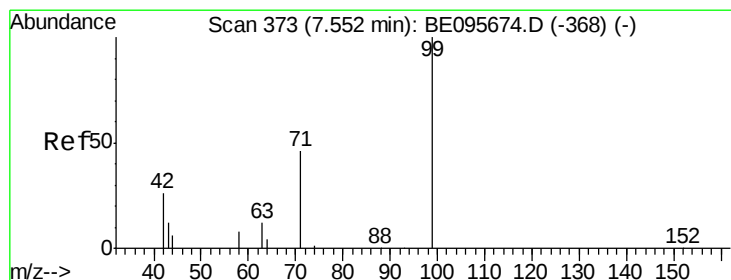
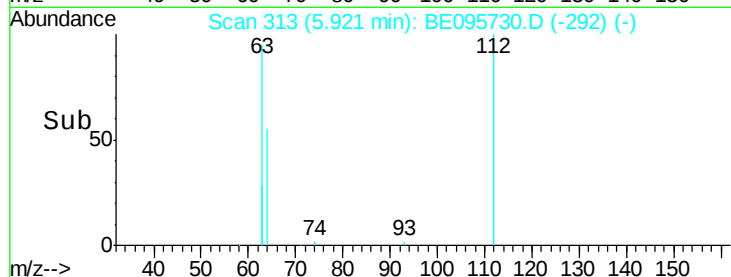
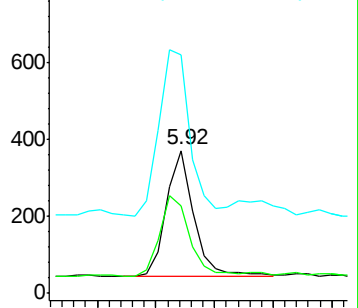
63 151.7 116.8 175.2



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: 0.094 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

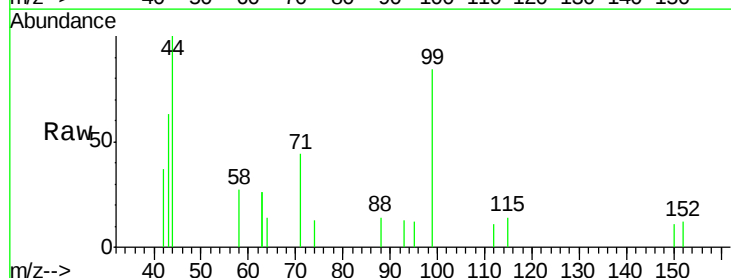
Tgt Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

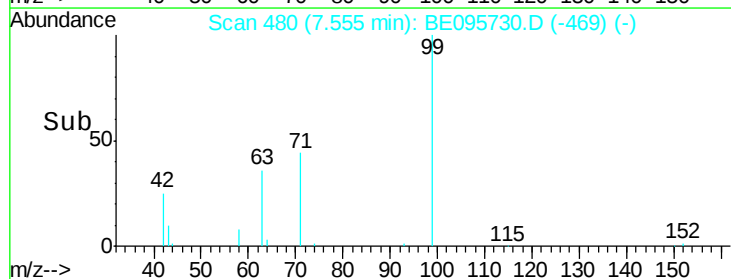
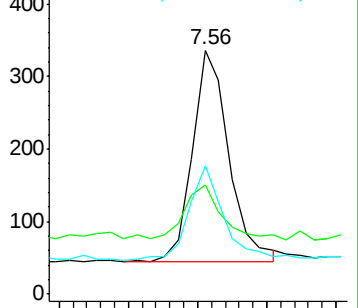
71 43.9 28.4 42.6#

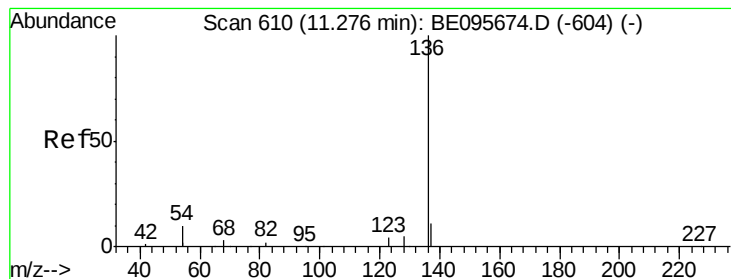


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

CPS043075

Tot Ion:136 Resp: 6125

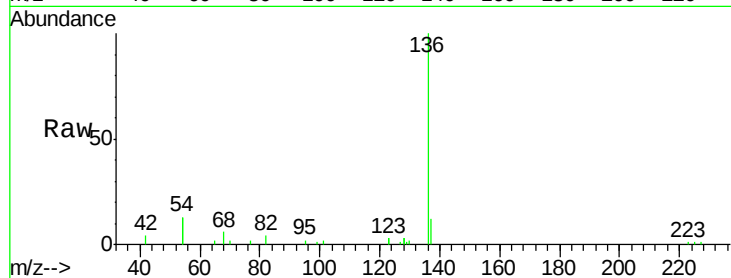
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 26.7 29.1 43.7#

68 5.6 6.2 9.2#

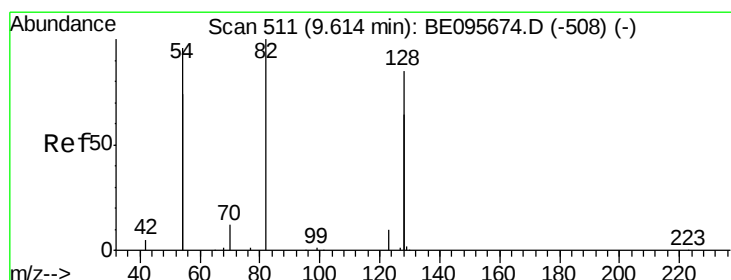
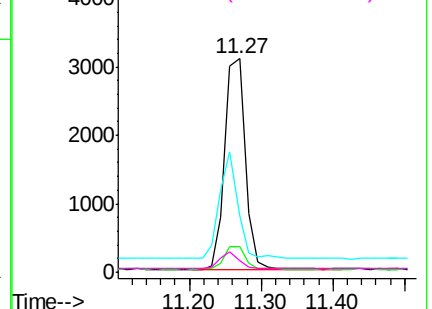
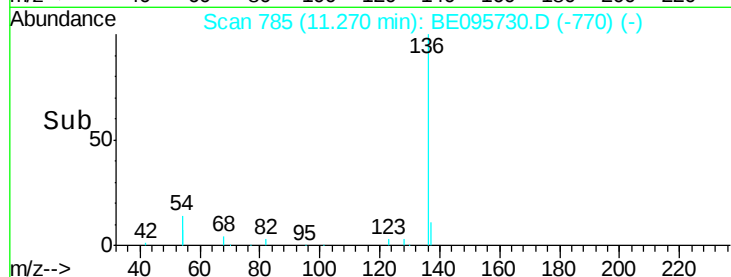


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

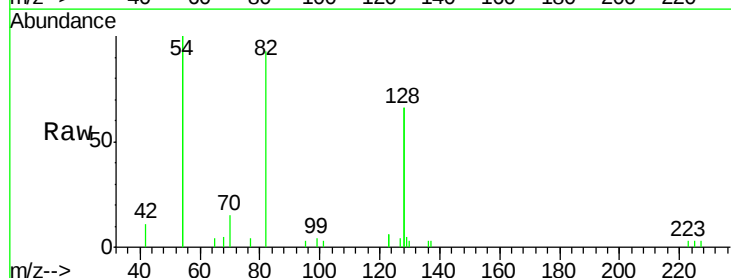
Tgt Ion: 82 Resp: 2295

Ion Ratio Lower Upper

82 100

128 142.7 150.0 225.0#

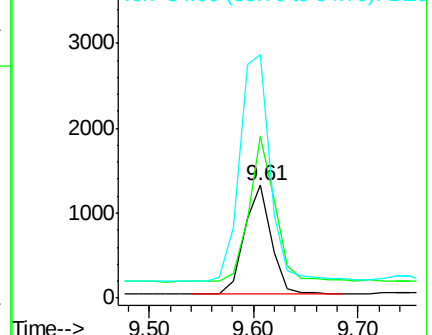
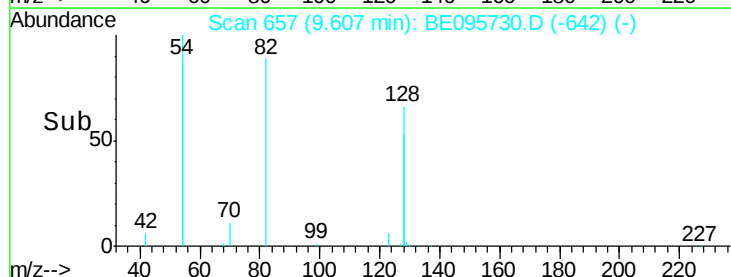
54 215.6 154.2 231.4

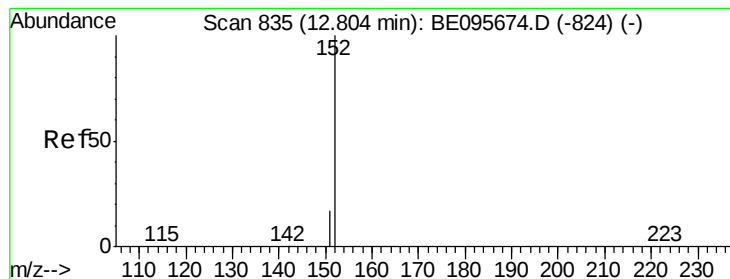


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

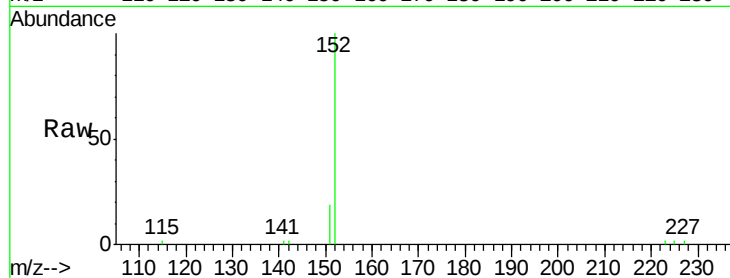
CPS043075

Tot Ion:152 Resp: 3793

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

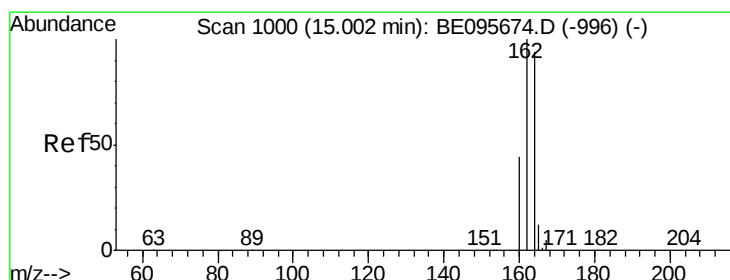
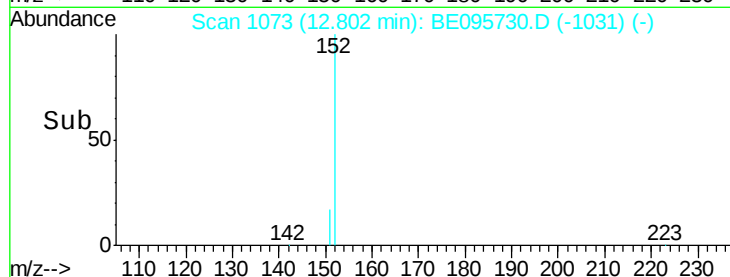
1500

1000

500

0

Time--> 12.70 12.80 12.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

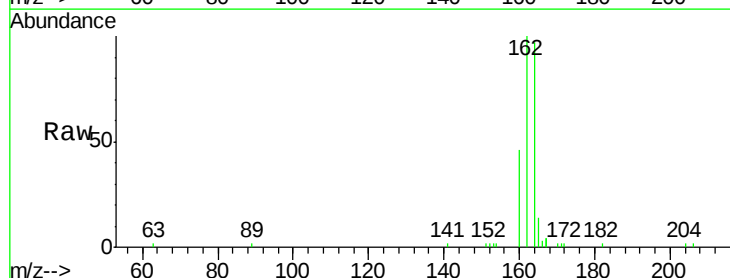
Tgt Ion:164 Resp: 3429

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

160 47.1 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

3000

2500

2000

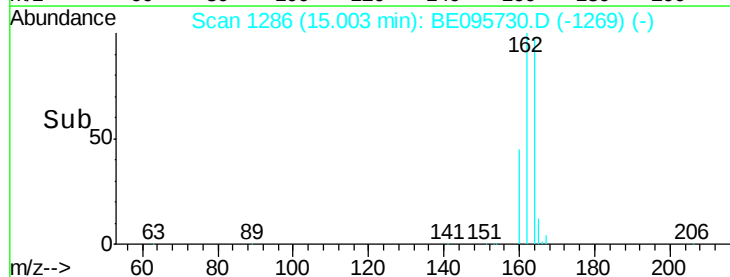
1500

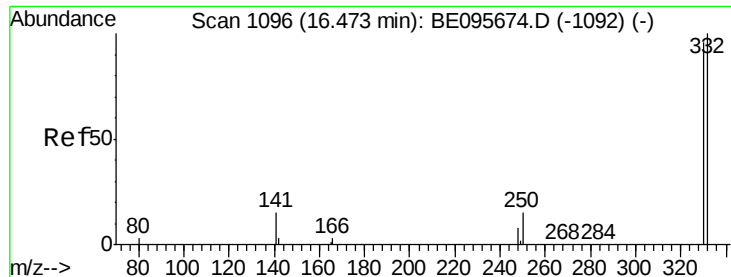
1000

500

0

Time--> 14.80 15.00





#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

CPS043075

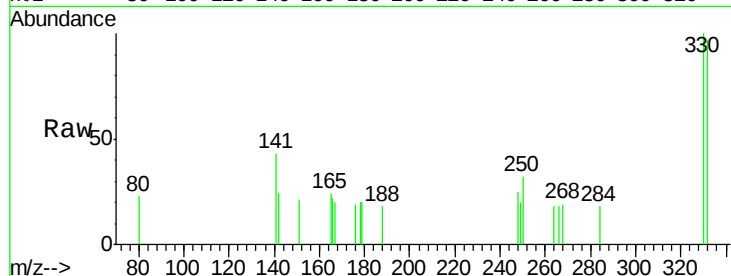
Tot Ion:330 Resp: 315

Ion Ratio Lower Upper

330 100

332 94.3 152.7 229.1#

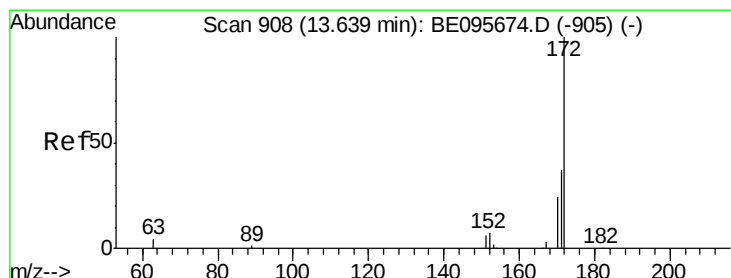
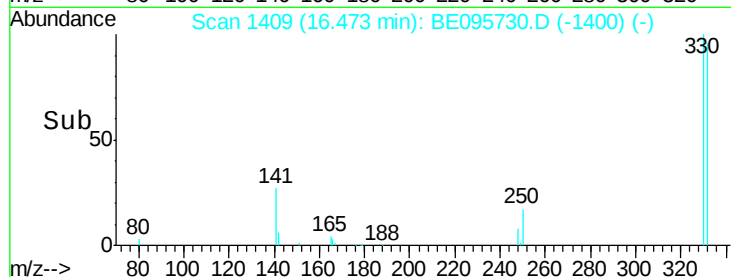
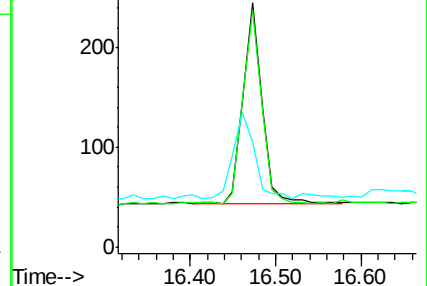
141 48.3 33.7 50.5



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: 0.440 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

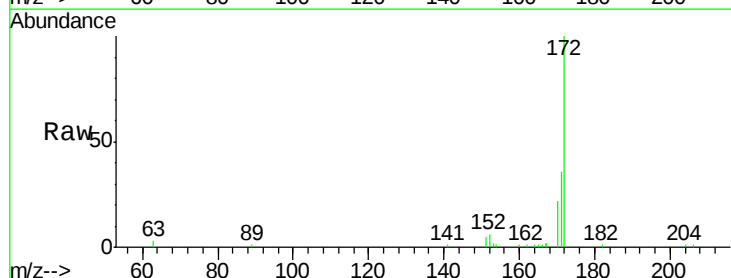
Tgt Ion:172 Resp: 6734

Ion Ratio Lower Upper

172 100

171 35.9 29.9 44.9

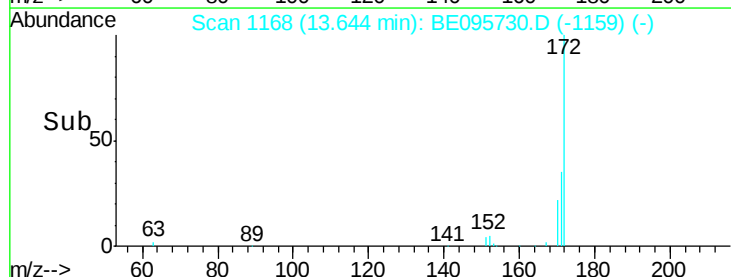
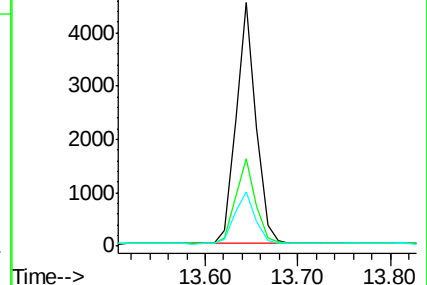
170 22.3 21.8 32.8

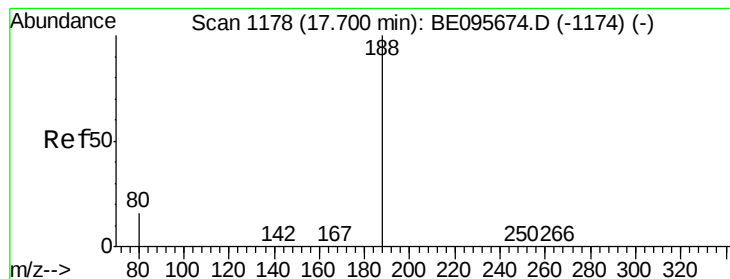


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1515

Delta R.T. 0.01 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

CPS043075

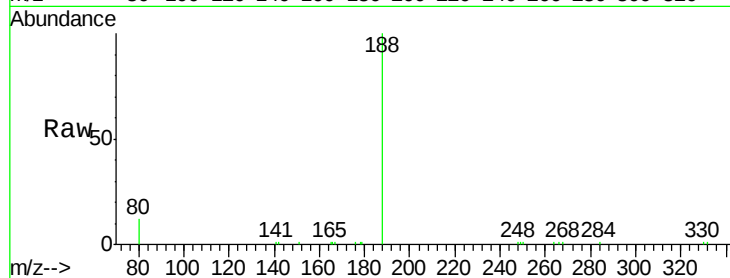
Tot Ion:188 Resp: 7707

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

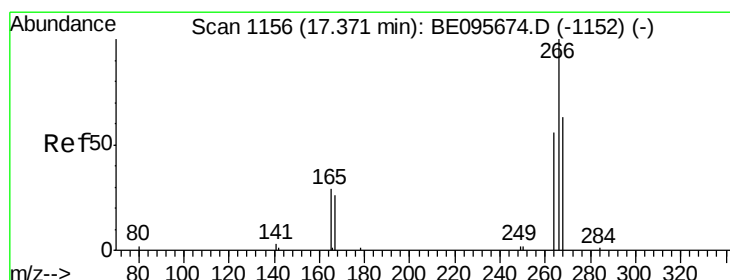
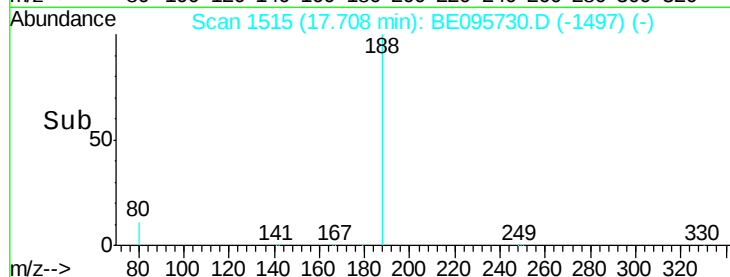
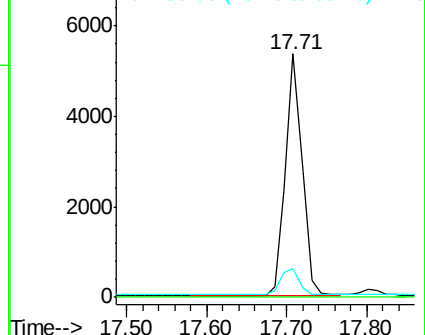
80 11.7 3.6 5.4#



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: 0.189 ng

RT: 17.37 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

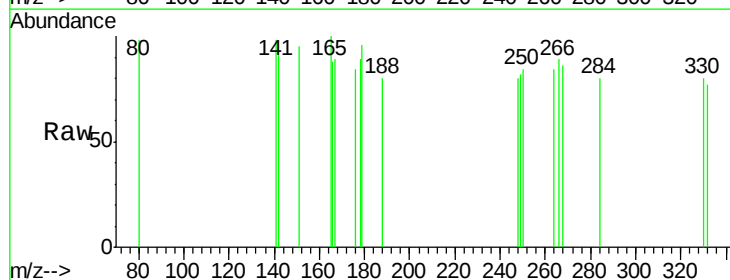
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

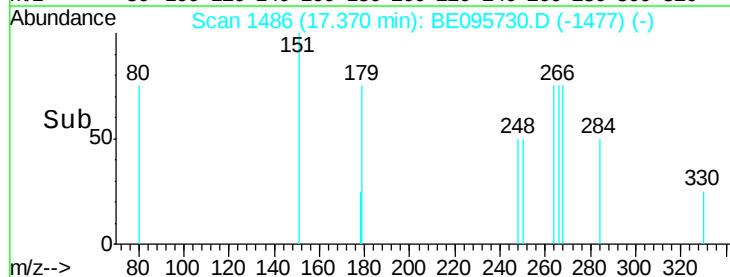
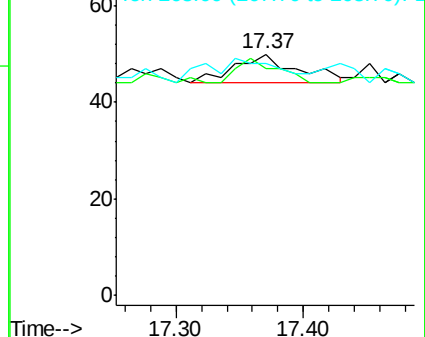
268 96.0 73.8 110.6

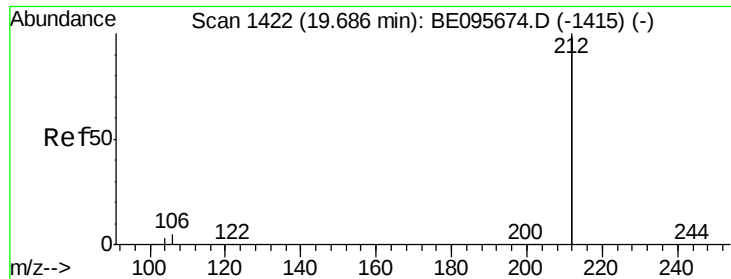


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

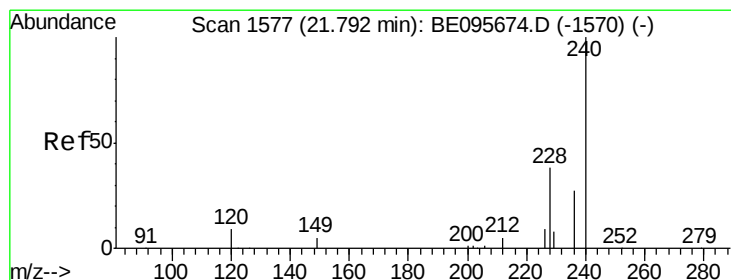
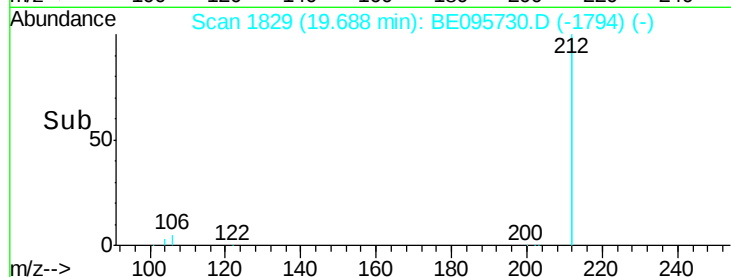
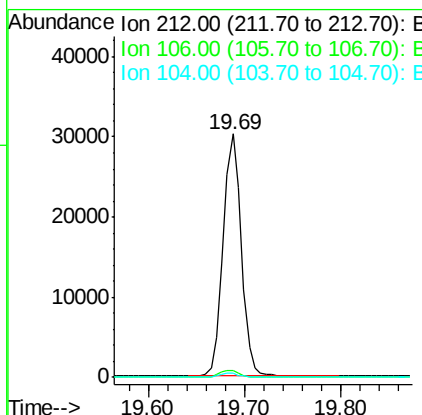
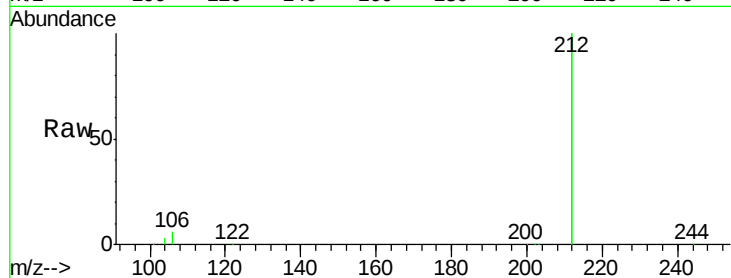




#25
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095730.D
 Acq: 12 Mar 2018 15:04

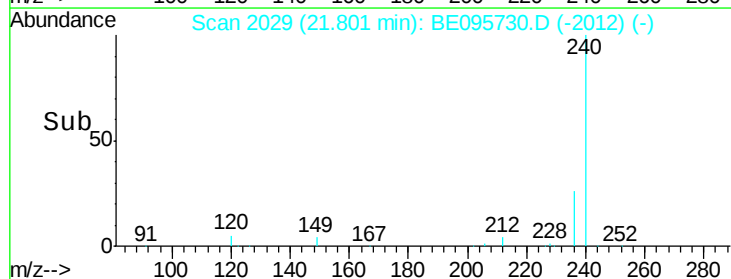
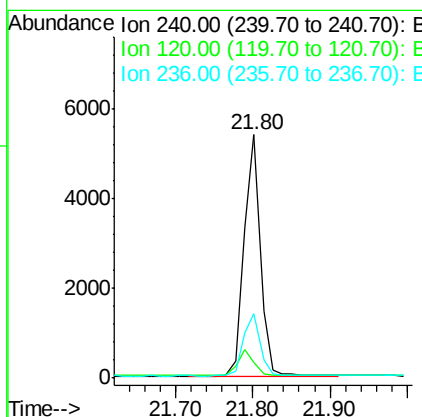
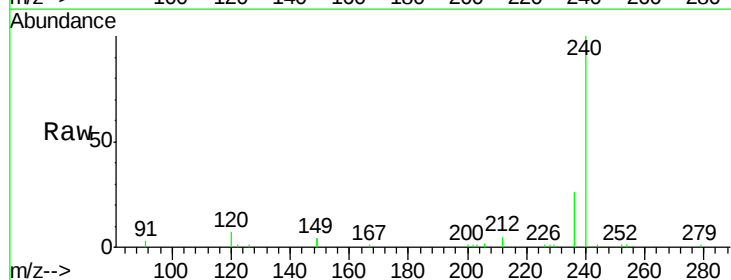
Instrument :
 BNA_E
 ClientSampleId :
 CPS043075

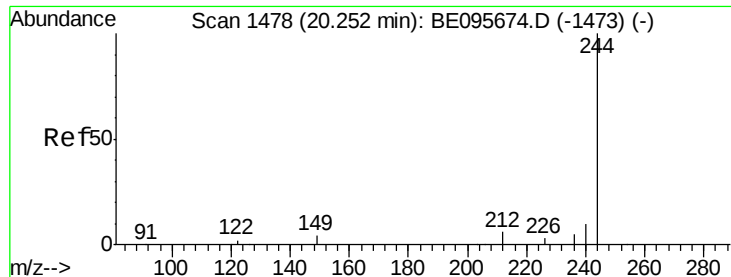
Tot Ion:212 Resp: 39819
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.8 4.2
 104 1.6 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.80 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BE095730.D
 Acq: 12 Mar 2018 15:04

Tgt Ion:240 Resp: 7841
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.5 8.3
 236 26.4 20.7 31.1





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 20.25 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

CPS043075

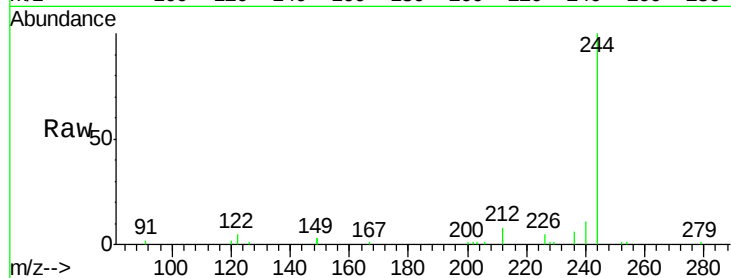
Tot Ion:244 Resp: 7047

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

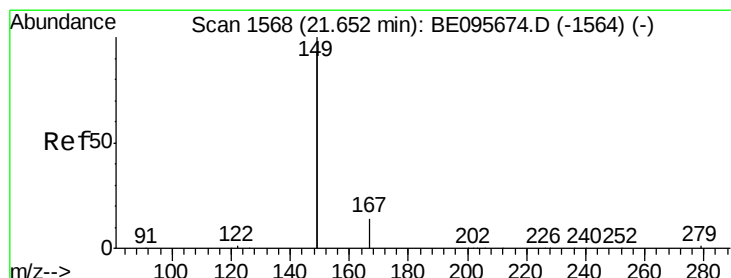
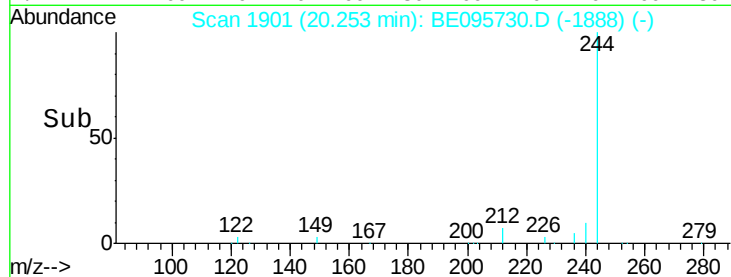
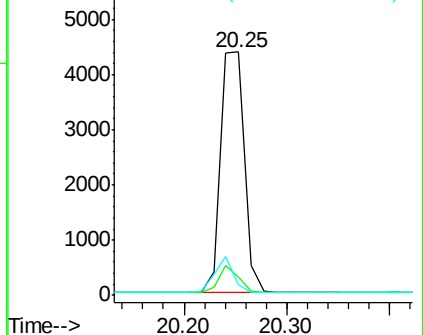
122 4.5 8.1 12.1#



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: 0.093 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

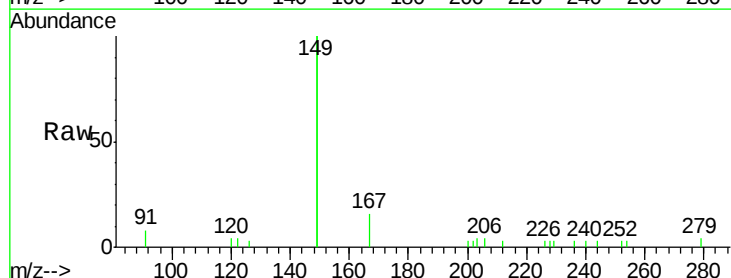
Tgt Ion:149 Resp: 4214

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

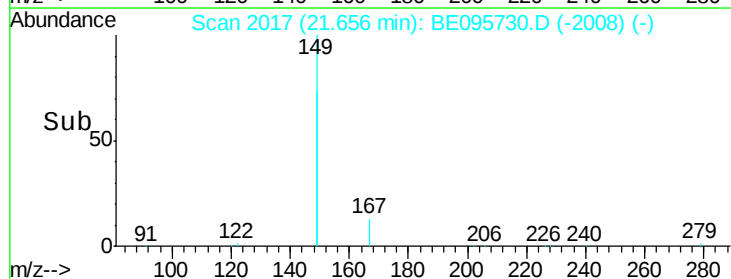
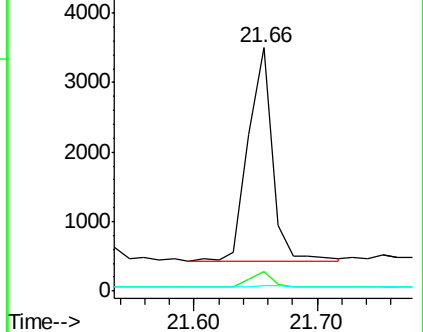
279 0.9 0.7 1.1

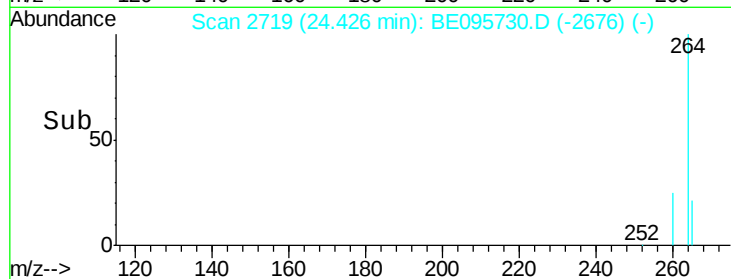
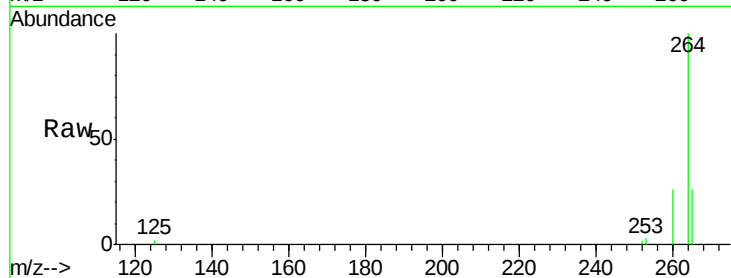
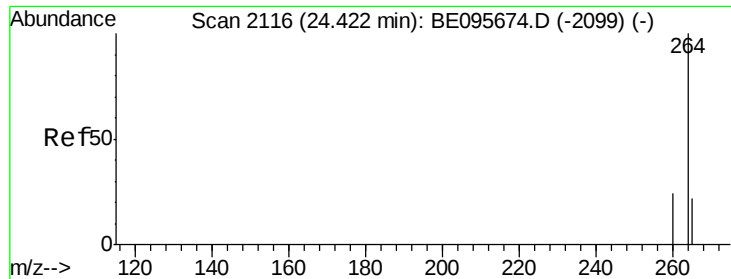


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.43 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE095730.D

Acq: 12 Mar 2018 15:04

Instrument :

BNA_E

ClientSampleId :

CPS043075

Tot Ion:264 Resp: 7428

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 25.8 22.8 34.2

