

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095732.D
 Acq On : 12 Mar 2018 16:19
 Operator : SJ/JU
 Sample : J1867-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS083071

Quant Time: Mar 12 17:37:02 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

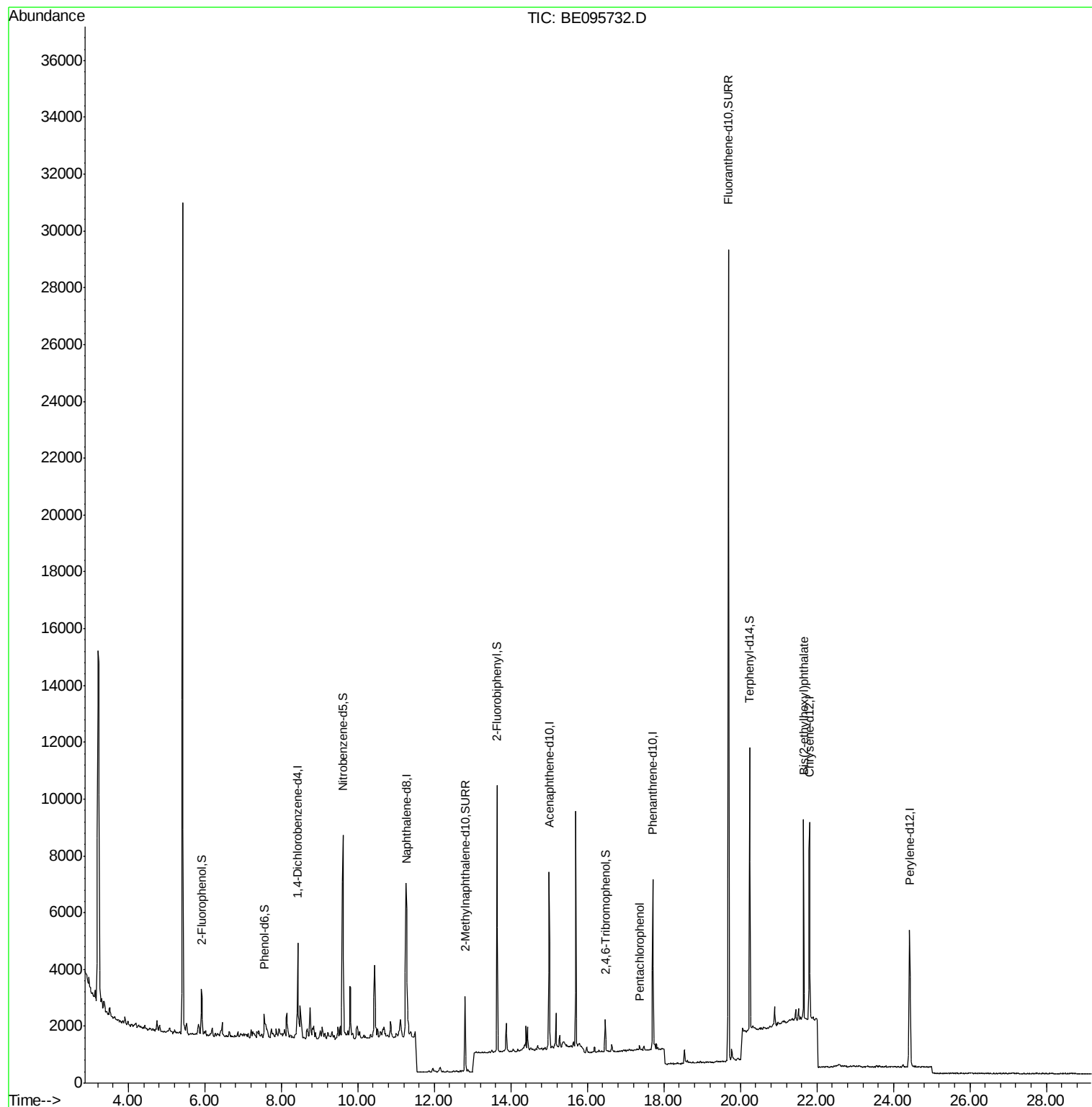
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1569	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6063	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3485	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7675	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8026	0.40	ng	0.00
34) Perylene-d12	24.42	264	7563	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	740	0.18	ng	0.00
5) Phenol-d6	7.56	99	744	0.13	ng	0.00
8) Nitrobenzene-d5	9.61	82	2899	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3439	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	643	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	8044	0.52	ng	0.00
25) Fluoranthene-d10	19.69	212	37419	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	9485	0.59	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	90	0.228	ng	91
32) Bis(2-ethylhexyl)phthalate	21.66	149	9752	0.211	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: 8.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BE095732.D

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Instrument :

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CPS083071

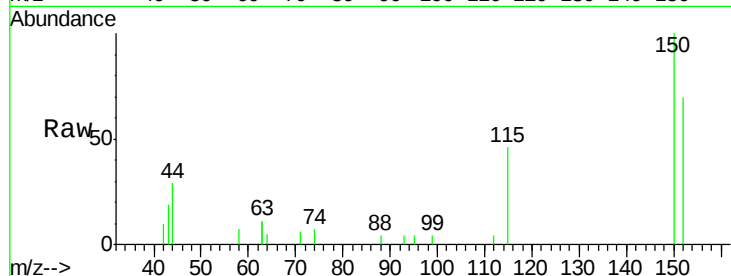
Tot Ion:152 Resp: 1569

Ion Ratio Lower Upper

152 100

150 143.1 117.2 175.8

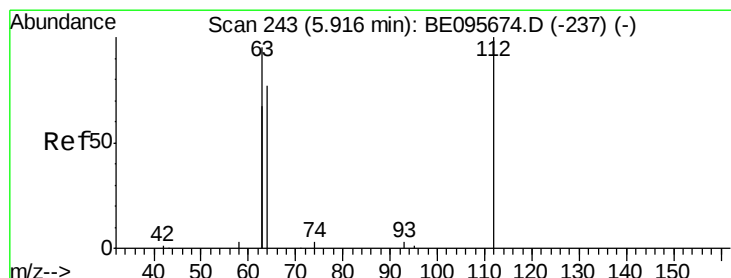
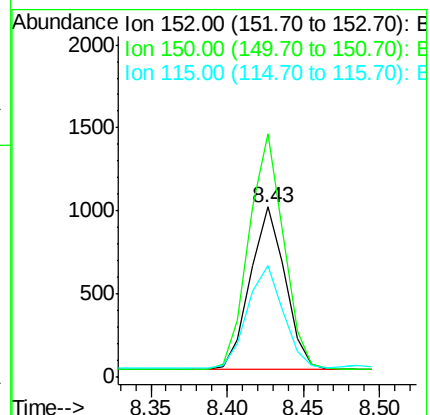
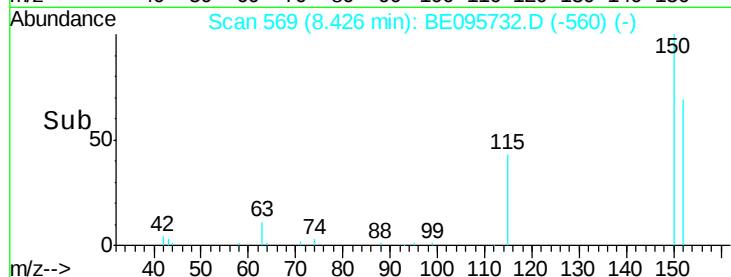
115 65.5 57.0 85.6



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: 0.179 ng

RT: 5.92 min Scan# 313

Delta R.T. 0.01 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

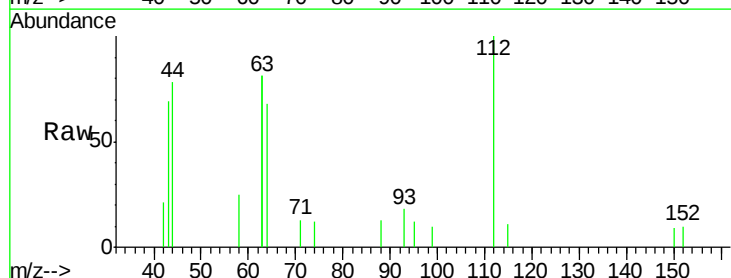
Tgt Ion:112 Resp: 740

Ion Ratio Lower Upper

112 100

64 78.0 60.1 90.1

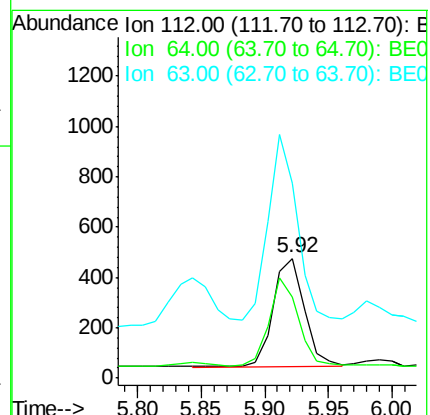
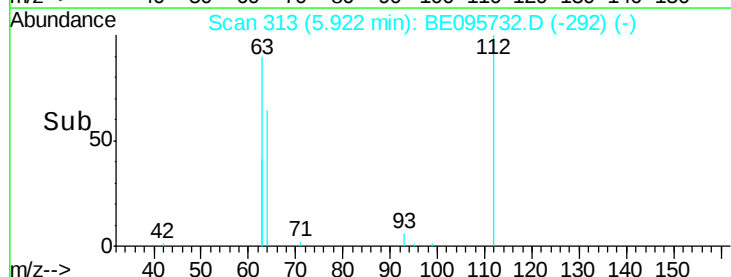
63 170.5 116.8 175.2



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: 0.130 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

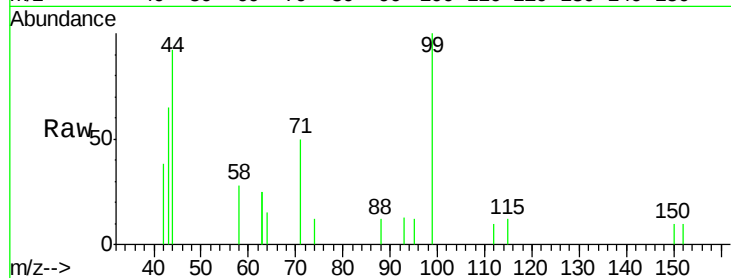
Tot Ion: 99 Resp: 744

Ion Ratio Lower Upper

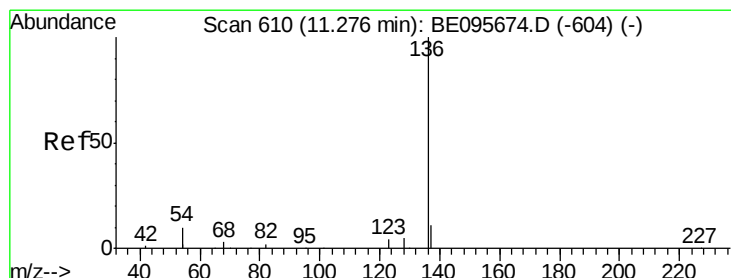
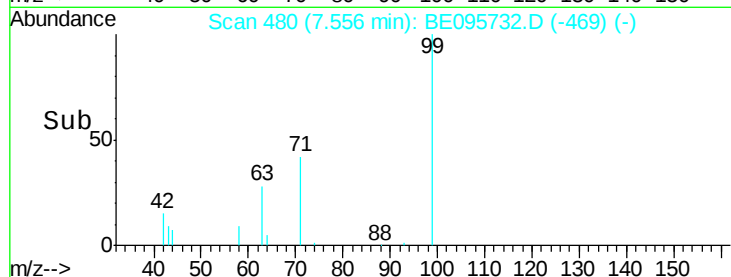
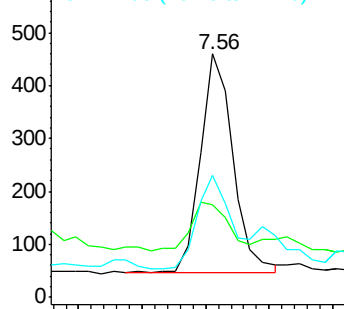
99 100

42 25.5 20.2 30.2

71 45.8 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: BE095732.D

Acq: 12 Mar 2018 16:19

Tgt Ion: 136 Resp: 6063

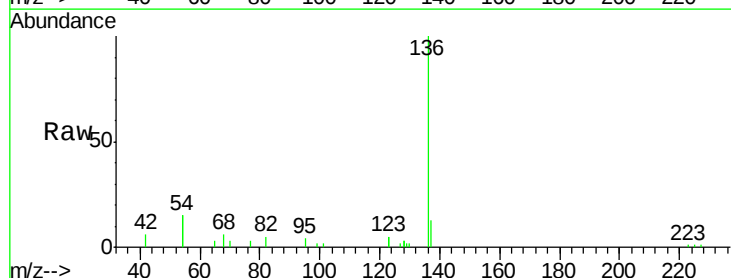
Ion Ratio Lower Upper

136 100

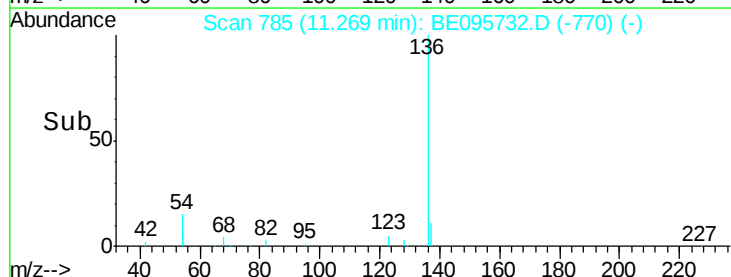
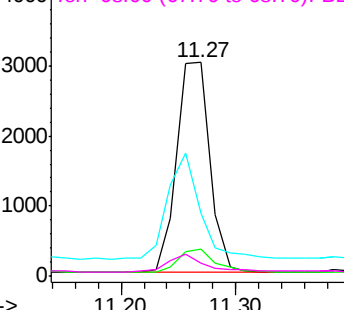
137 12.8 9.5 14.3

54 29.4 29.1 43.7

68 6.2 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: 0.464 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

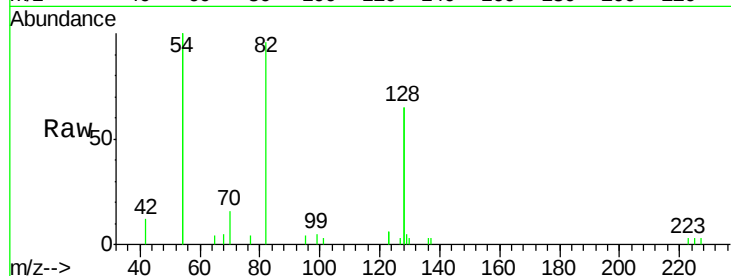
Tot Ion: 82 Resp: 2899

Ion Ratio Lower Upper

82 100

128 136.7 150.0 225.0#

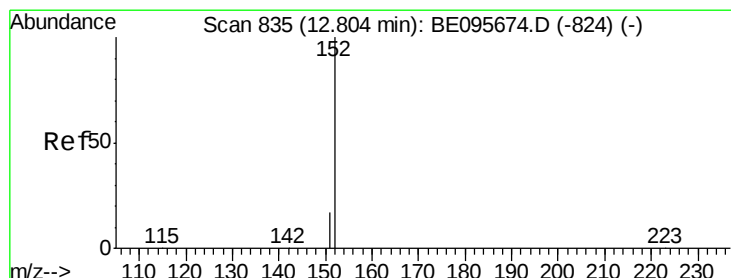
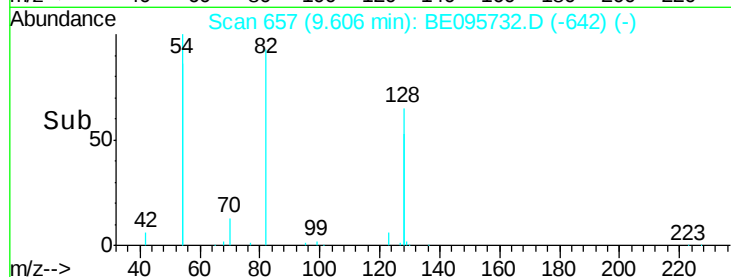
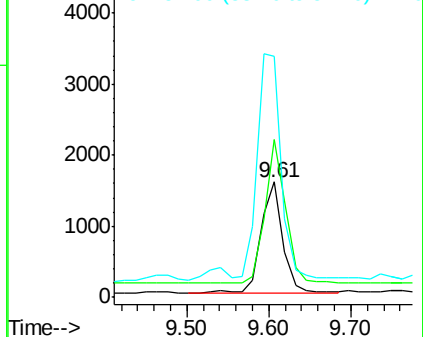
54 209.1 154.2 231.4



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: 0.339 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095732.D

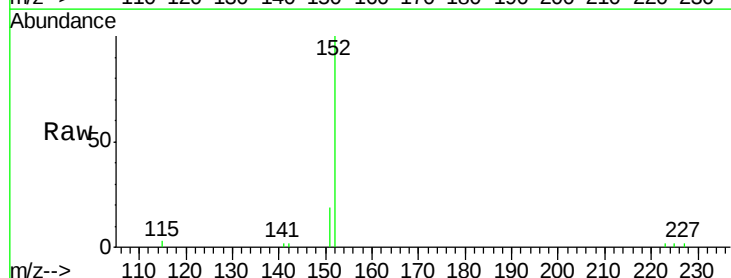
Acq: 12 Mar 2018 16:19

Tgt Ion: 152 Resp: 3439

Ion Ratio Lower Upper

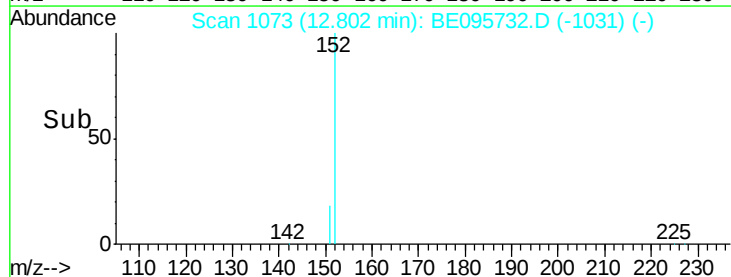
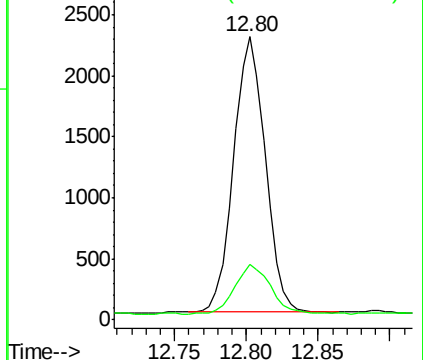
152 100

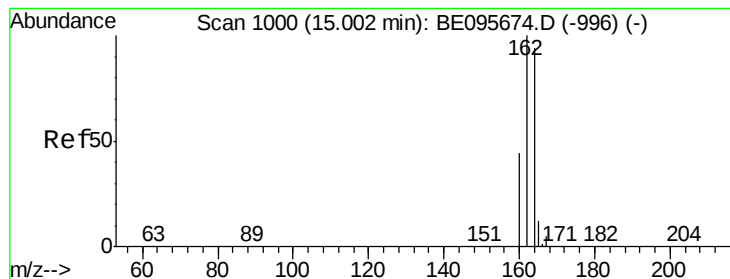
151 19.9 15.4 23.0



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# 1285

Delta R.T. -0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

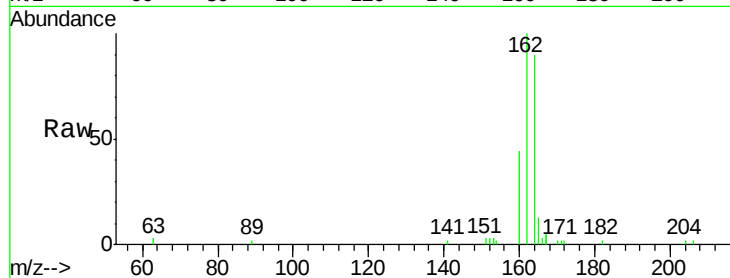
Tot Ion:164 Resp: 3485

Ion Ratio Lower Upper

164 100

162 111.0 83.1 124.7

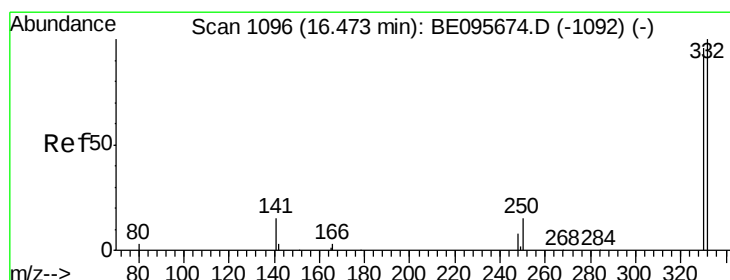
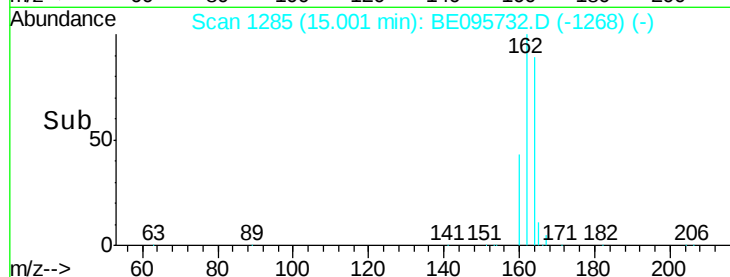
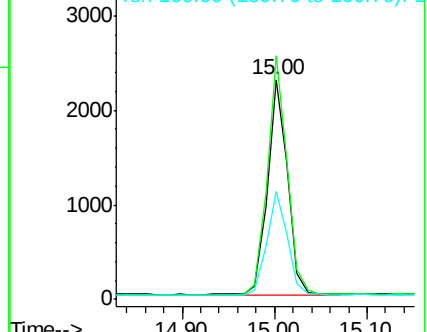
160 49.4 37.1 55.7



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: 0.501 ng

RT: 16.47 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

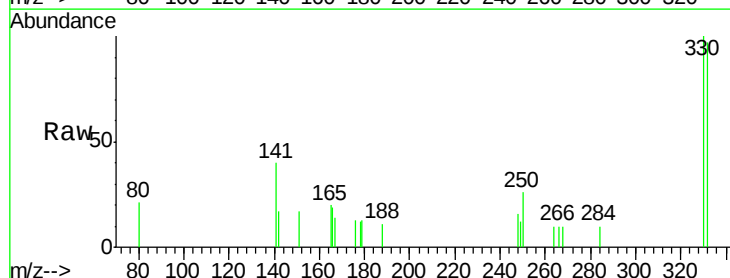
Tgt Ion:330 Resp: 643

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

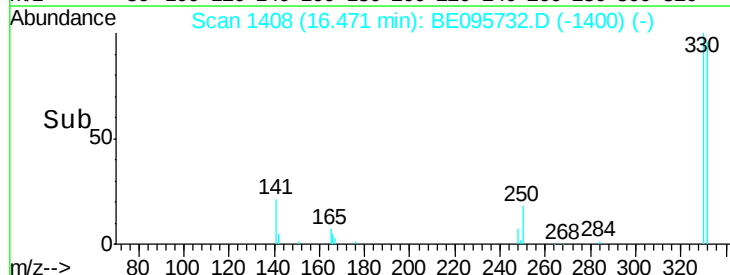
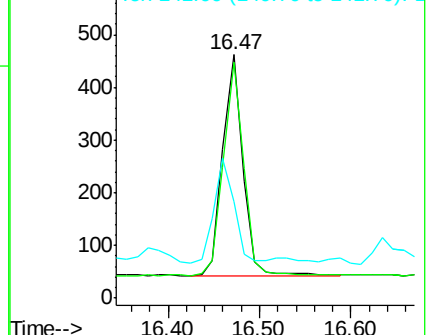
141 47.6 33.7 50.5

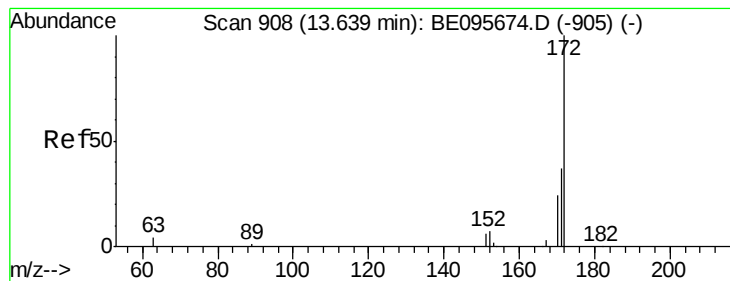


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.517 ng

RT: 13.64 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

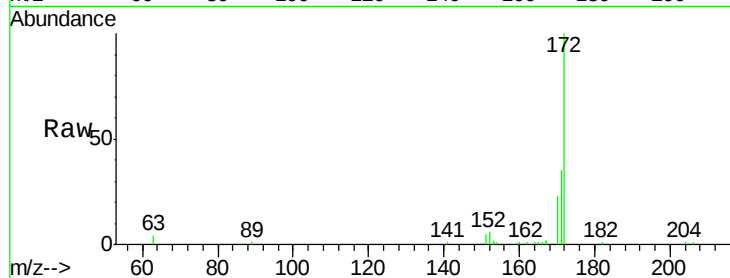
Tot Ion:172 Resp: 8044

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

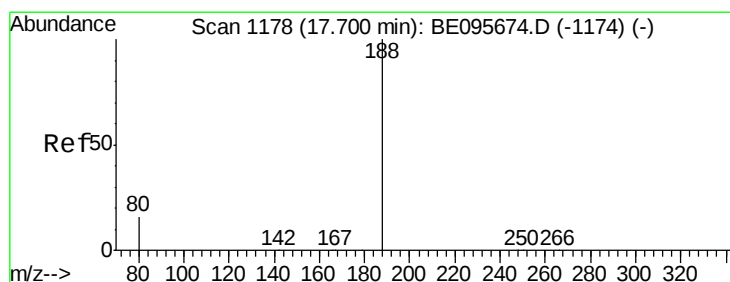
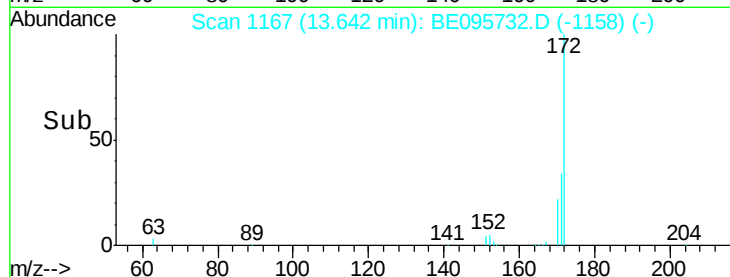
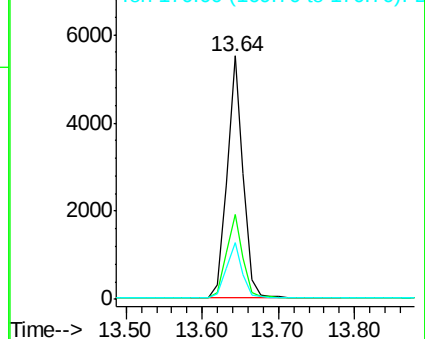
170 23.1 21.8 32.8



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# 1514

Delta R.T. 0.01 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

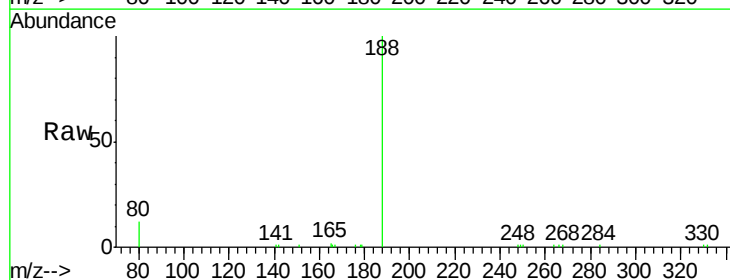
Tgt Ion:188 Resp: 7675

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

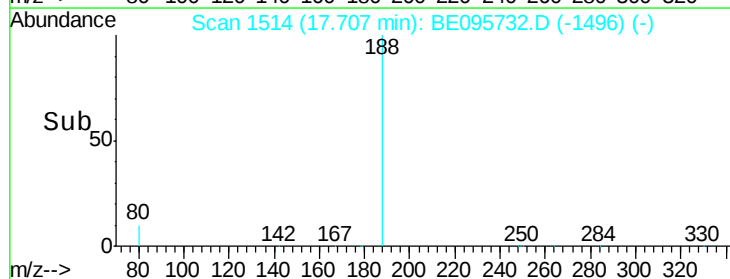
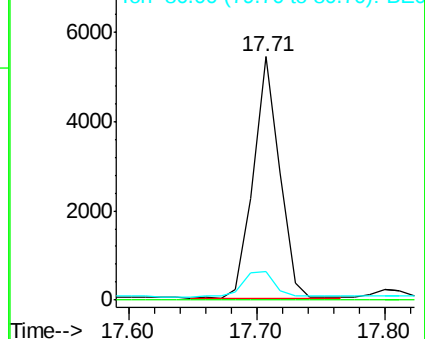
80 11.9 3.6 5.4#

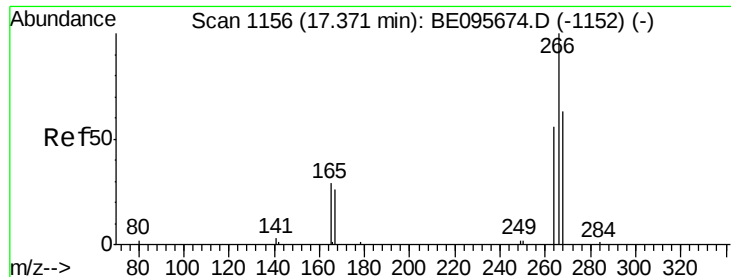


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

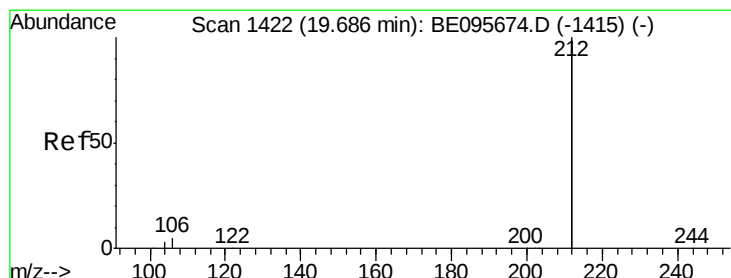
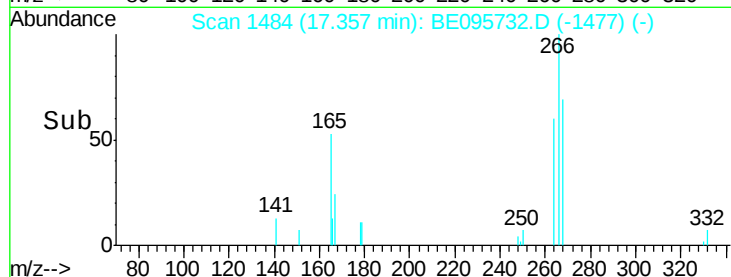
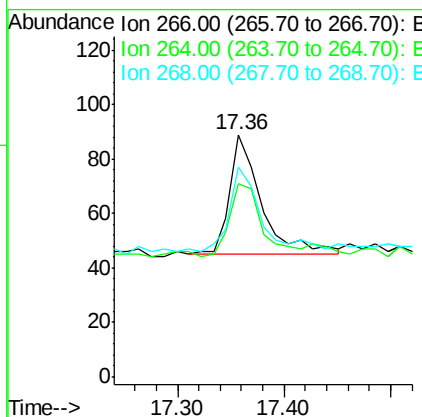
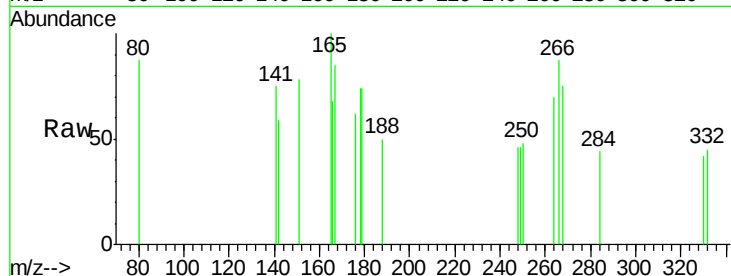




#22
 Pentachlorophenol
 Concen: 0.228 ng
 RT: 17.36 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE095732.D
 Acq: 12 Mar 2018 16:19

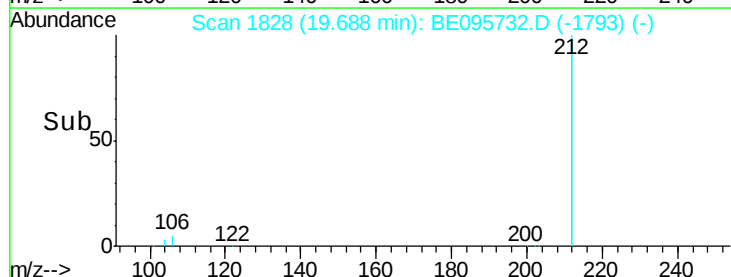
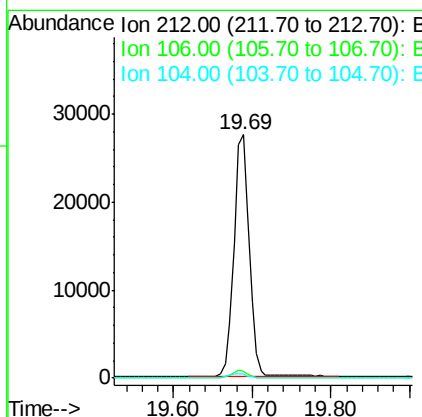
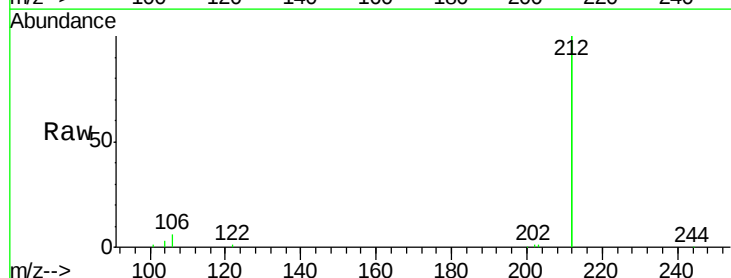
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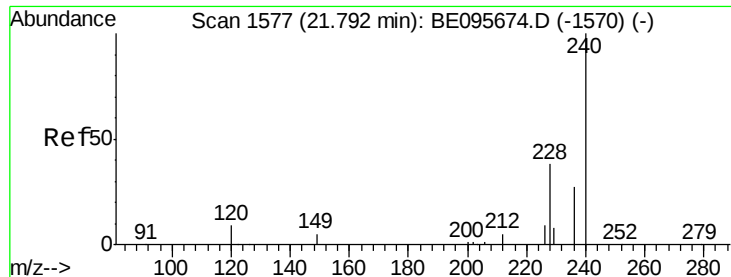
Tot Ion:266 Resp: 90
 Ion Ratio Lower Upper
 266 100
 264 79.8 72.5 108.7
 268 86.5 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.69 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE095732.D
 Acq: 12 Mar 2018 16:19

Tgt Ion:212 Resp: 37419
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

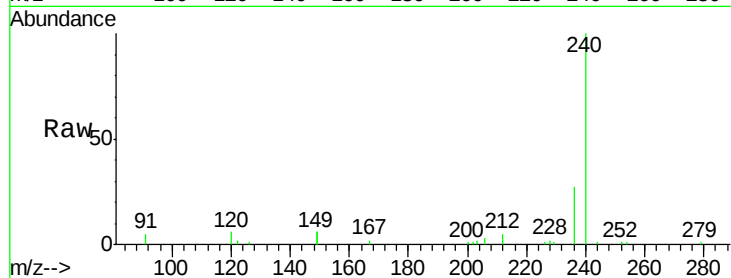
Tot Ion:240 Resp: 8026

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

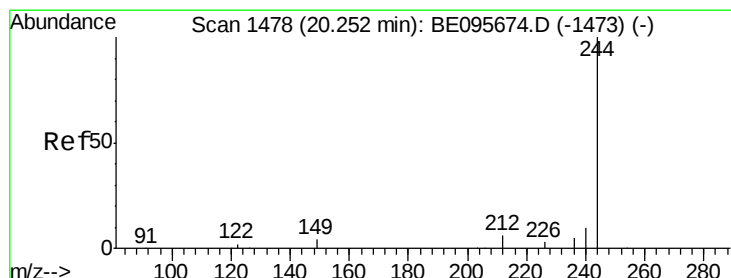
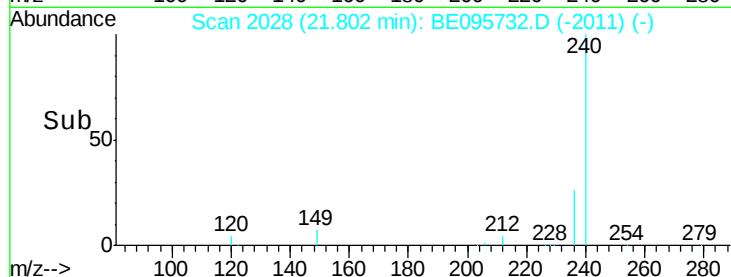
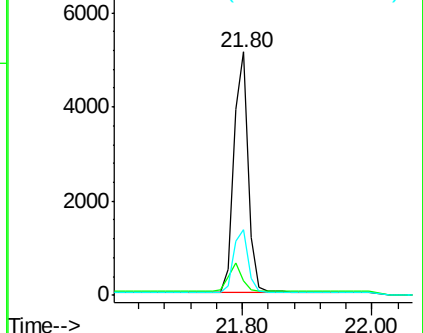
236 26.8 20.7 31.1



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: 0.593 ng

RT: 20.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

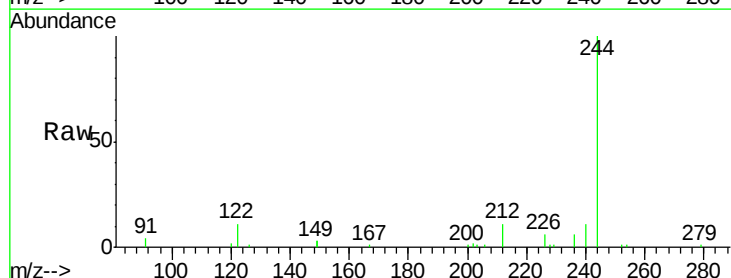
Tgt Ion:244 Resp: 9485

Ion Ratio Lower Upper

244 100

212 11.0 25.4 38.0#

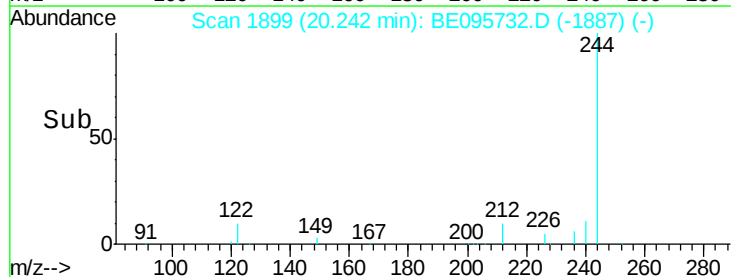
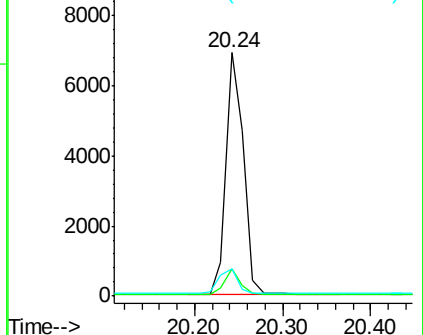
122 11.1 8.1 12.1

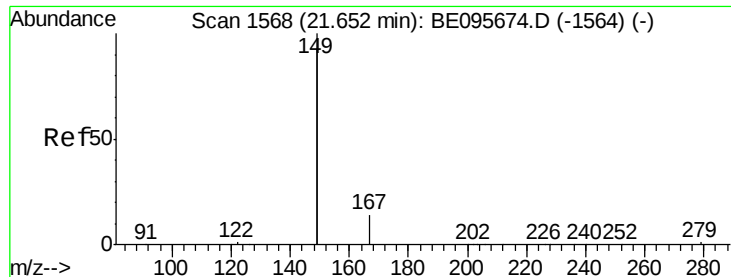


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.211 ng

RT: 21.66 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

Instrument :

BNA_E

ClientSampleId :

CPS083071

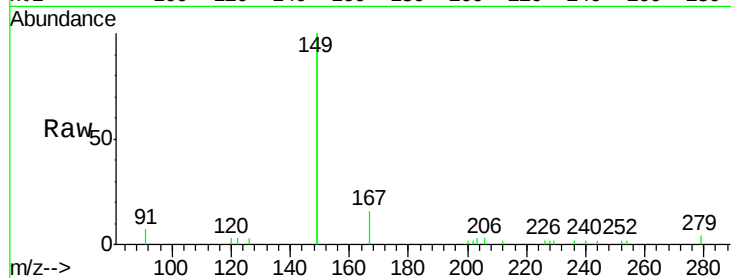
Tot Ion:149 Resp: 9752

Ion Ratio Lower Upper

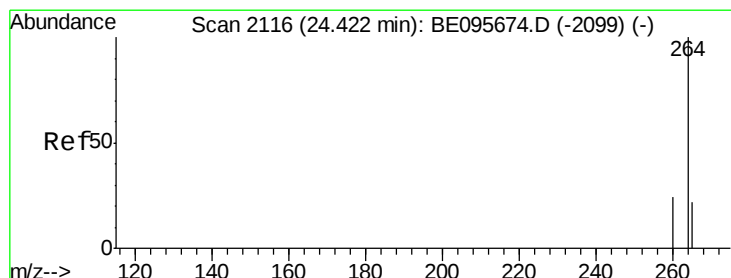
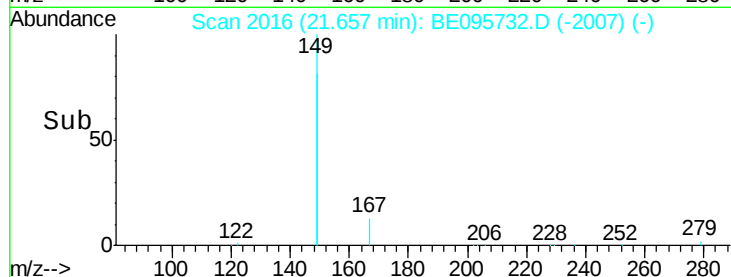
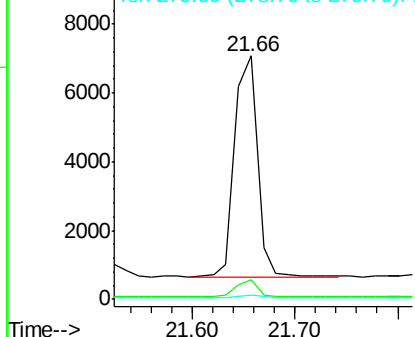
149 100

167 6.9 5.4 8.0

279 1.1 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# 2718

Delta R.T. 0.00 min

Lab File: BE095732.D

Acq: 12 Mar 2018 16:19

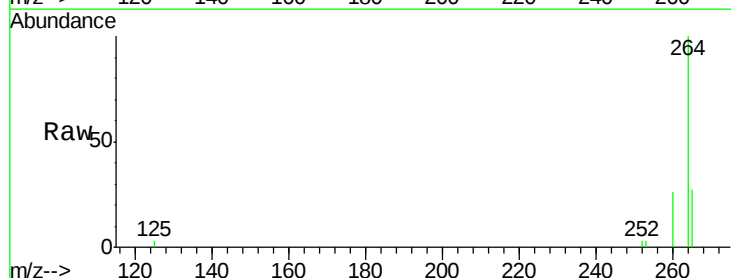
Tgt Ion:264 Resp: 7563

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 26.9 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

