

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095826.D
 Acq On : 23 Mar 2018 17:02
 Operator : SJ/JU
 Sample : J1888-08 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 23 23:23:03 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

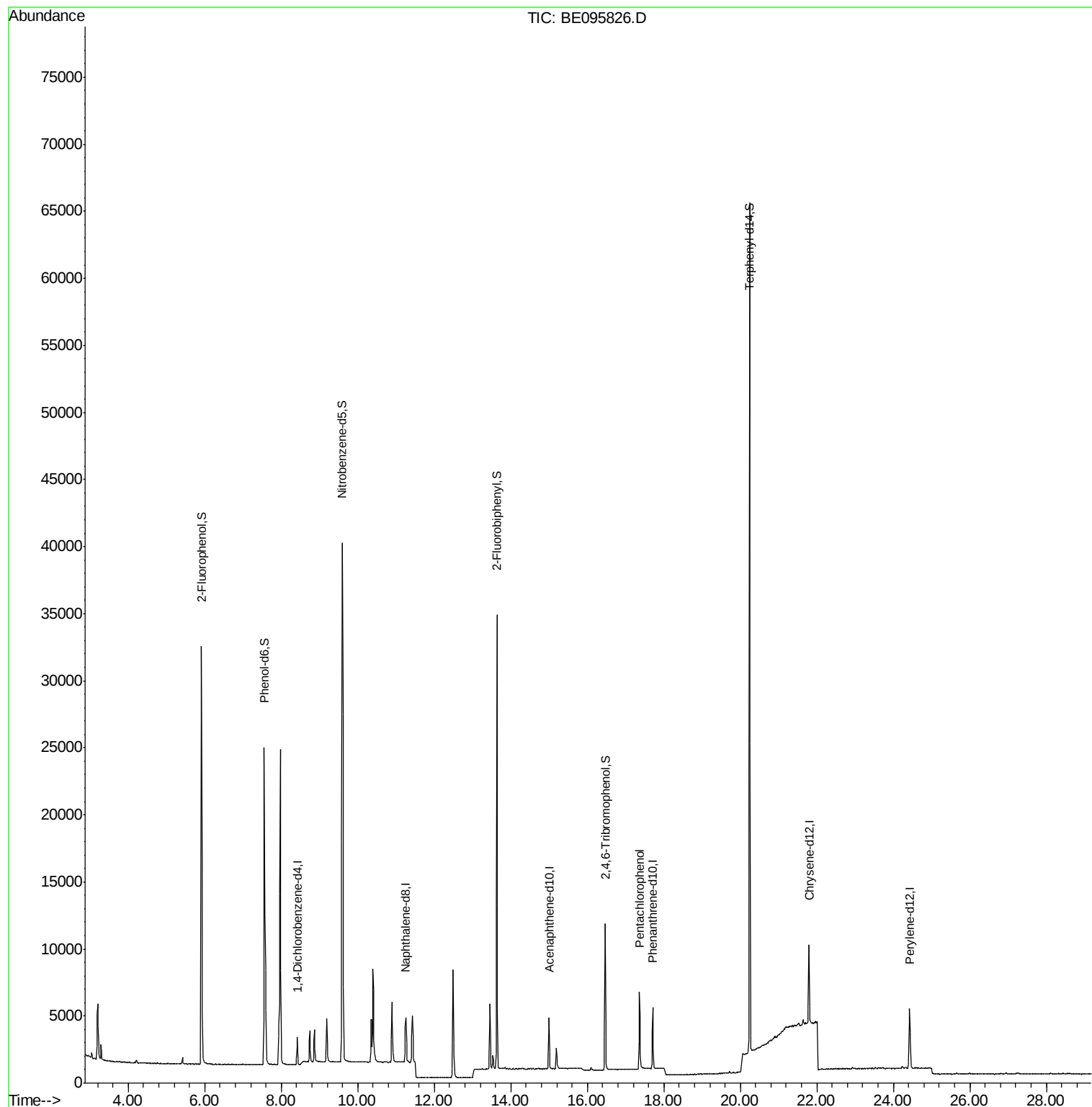
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	973	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3819	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2255	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5846	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7061	0.40	ng	0.00
34) Perylene-d12	24.43	264	6809	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	14680	4.58	ng	0.00
5) Phenol-d6	7.56	99	20718	4.70	ng	0.00
8) Nitrobenzene-d5	9.59	82	14554	3.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	6	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	6383	4.91	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	30087	3.17	ng	-0.01
25) Fluoranthene-d10	19.69	212	22	0.00	ng	0.00
29) Terphenyl-d14	20.24	244	56152	3.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	3005	2.398	ng	Qvalue # 71

(#) = 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: BE095826.D

Acq: 23 Mar 2018 17:02

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BNA_E

ClientSampleId :

PT-ACIDS-WP

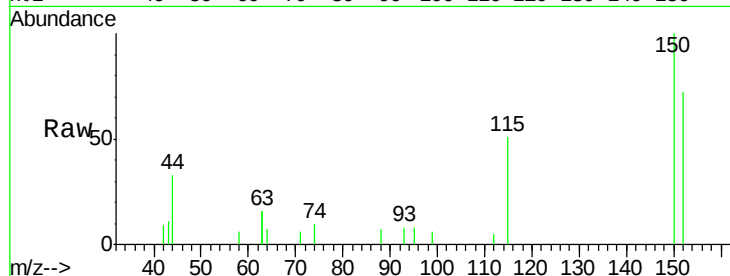
Tot Ion:152 Resp: 973

Ion Ratio Lower Upper

152 100

150 138.1 117.2 175.8

115 70.3 57.0 85.6

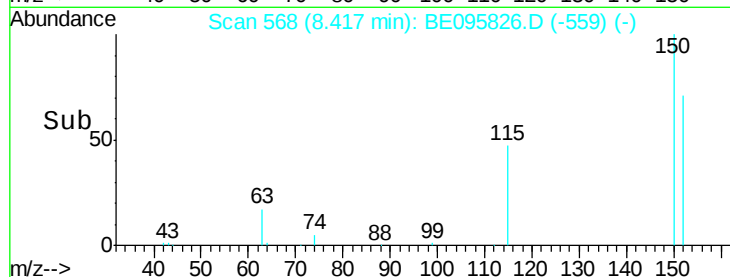


Abundance Ion 152.00 (151.70 to 152.70): E

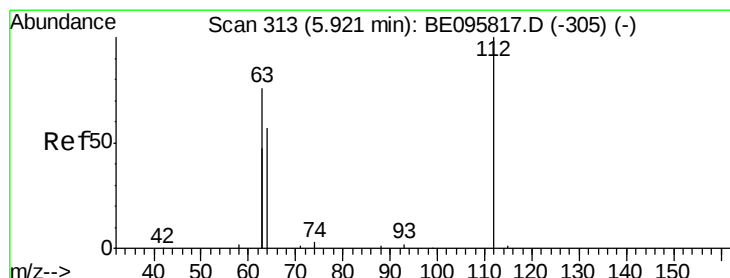
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

2-Fluorophenol

Concen: 4.577 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

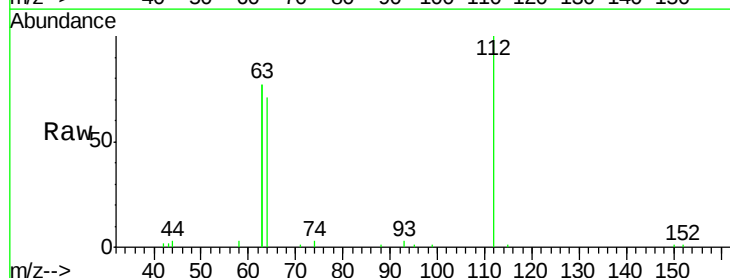
Tgt Ion:112 Resp: 14680

Ion Ratio Lower Upper

112 100

64 76.4 60.1 90.1

63 167.8 116.8 175.2

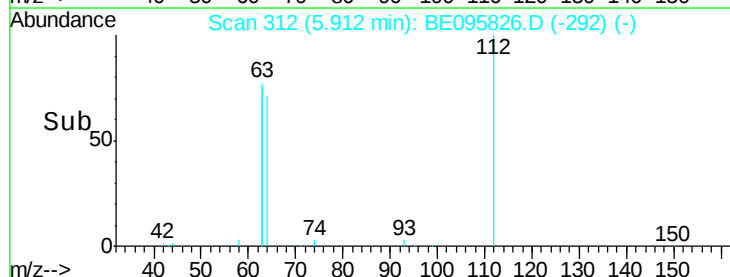


Abundance Ion 112.00 (111.70 to 112.70): E

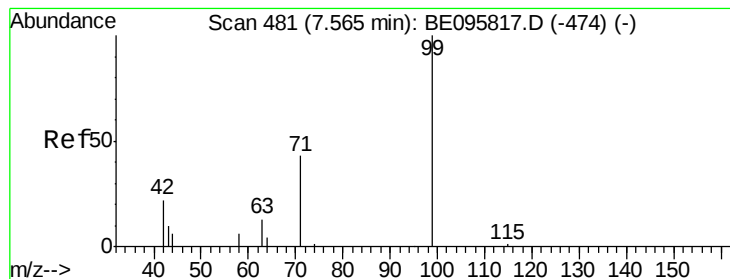
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 4.697 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

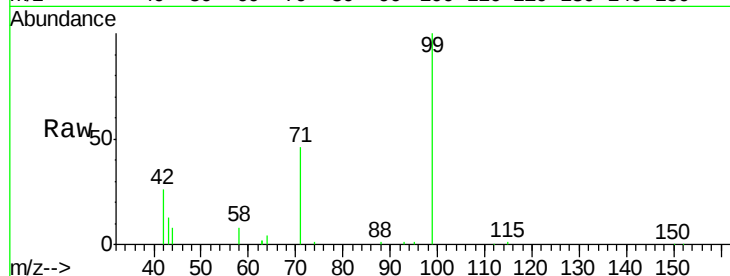
Tot Ion: 99 Resp: 20718

Ion Ratio Lower Upper

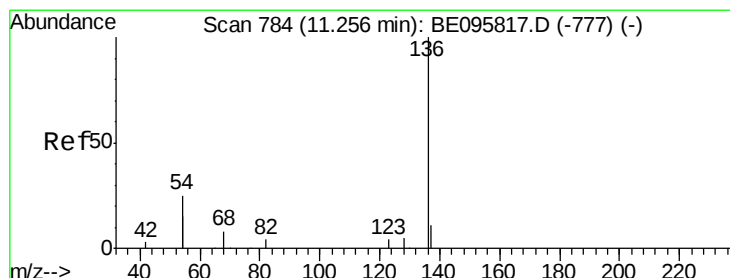
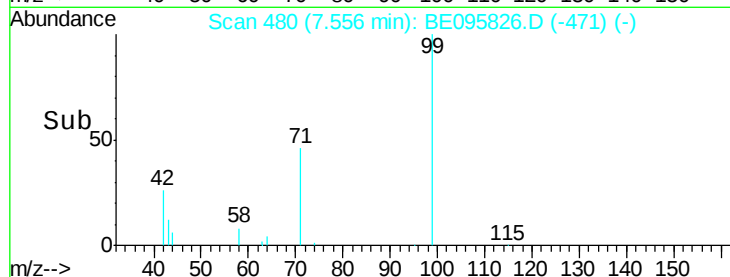
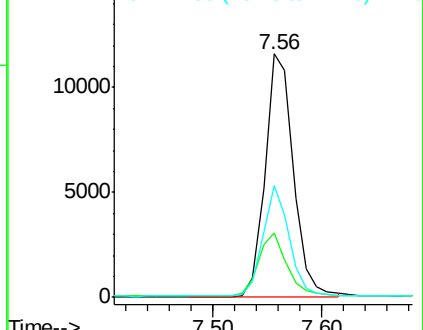
99 100

42 25.7 20.2 30.2

71 42.8 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: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Tgt Ion: 136 Resp: 3819

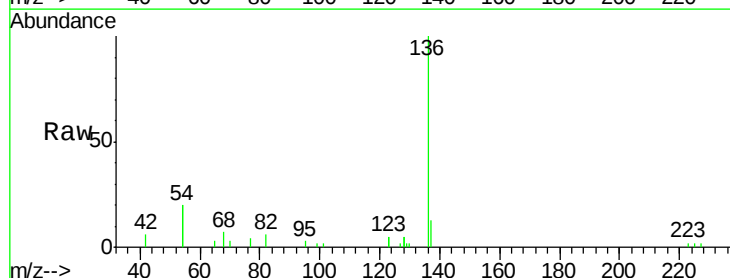
Ion Ratio Lower Upper

136 100

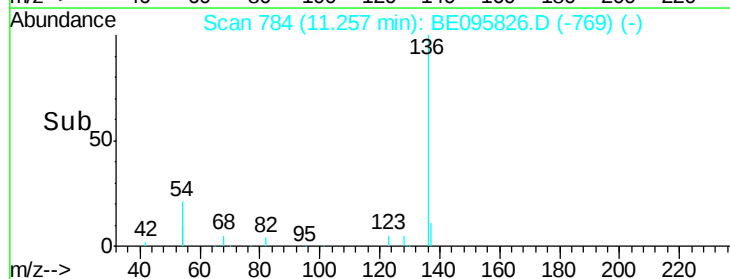
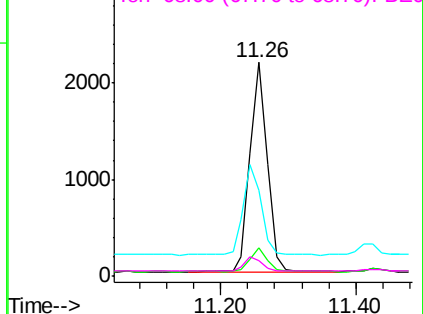
137 12.9 9.5 14.3

54 40.3 29.1 43.7

68 7.4 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: 3.226 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

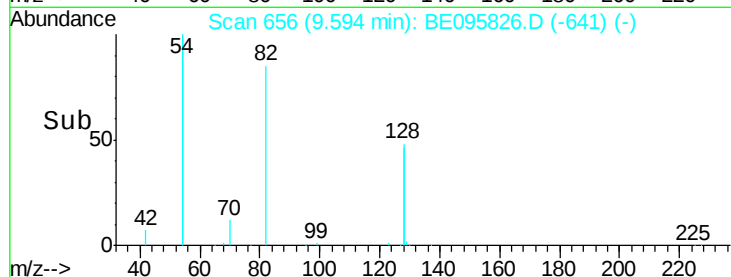
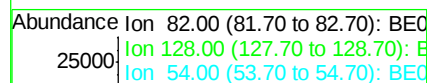
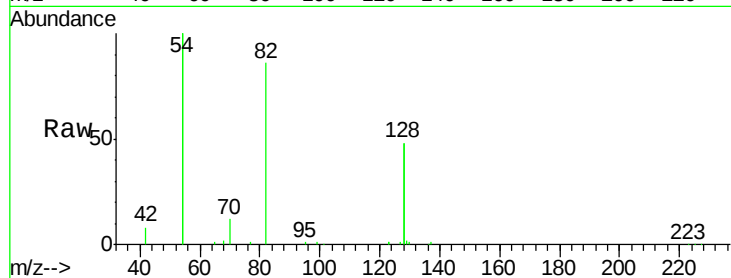
Tot Ion: 82 Resp: 14554

Ion Ratio Lower Upper

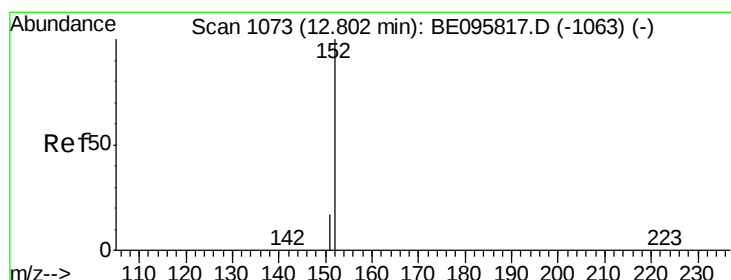
82 100

128 112.0 150.0 225.0#

54 232.3 154.2 231.4#



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095826.D

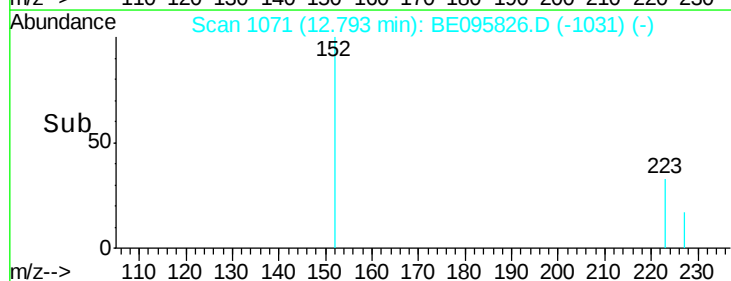
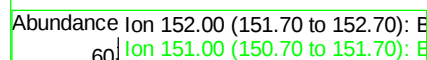
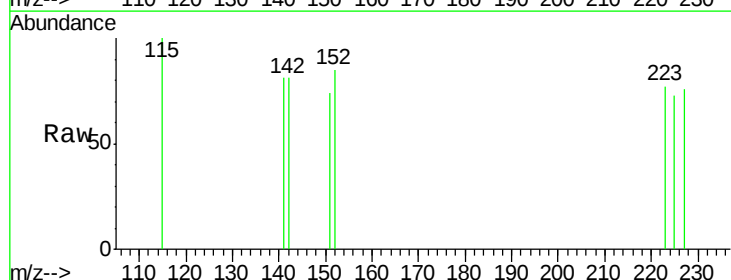
Acq: 23 Mar 2018 17:02

Tgt Ion: 152 Resp: 6

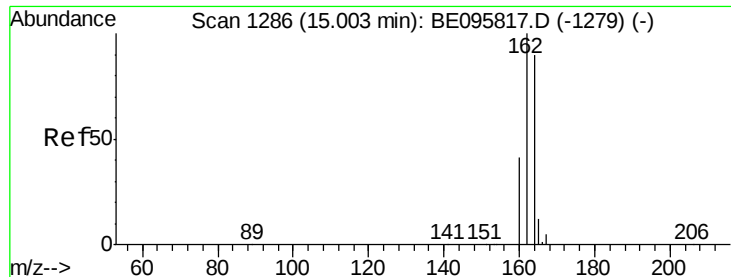
Ion Ratio Lower Upper

152 100

151 16.7 15.4 23.0



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

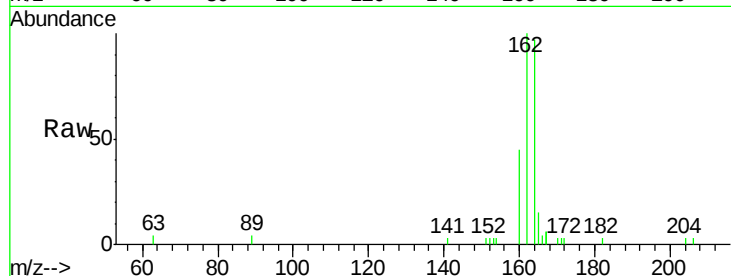
Tot Ion:164 Resp: 2255

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

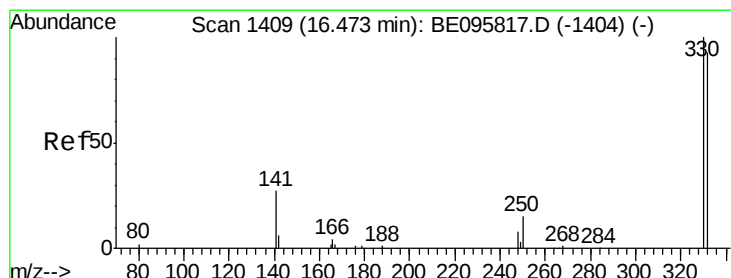
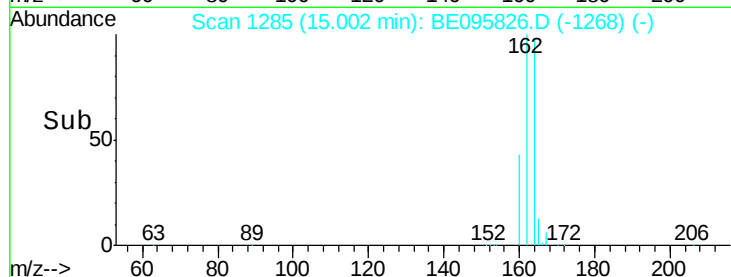
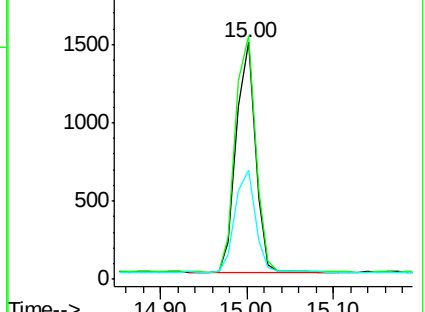
160 46.1 37.1 55.7



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: 4.905 ng

RT: 16.47 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

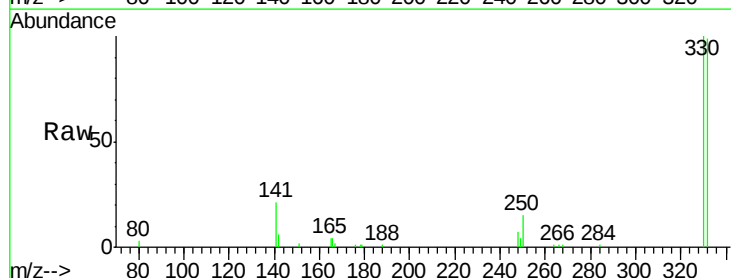
Tgt Ion:330 Resp: 6383

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

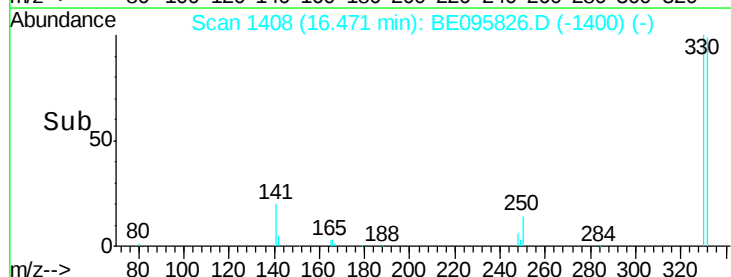
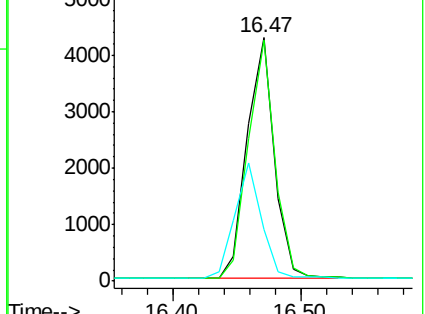
141 46.4 33.7 50.5

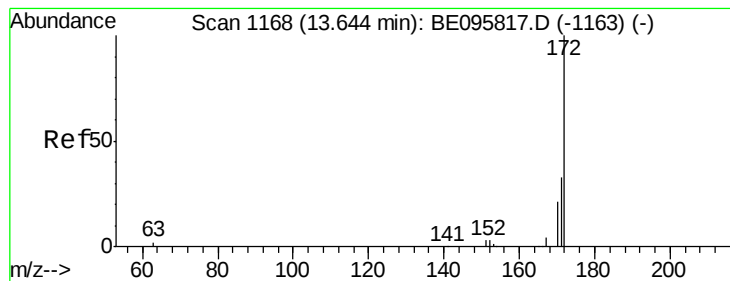


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.166 ng

RT: 13.63 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

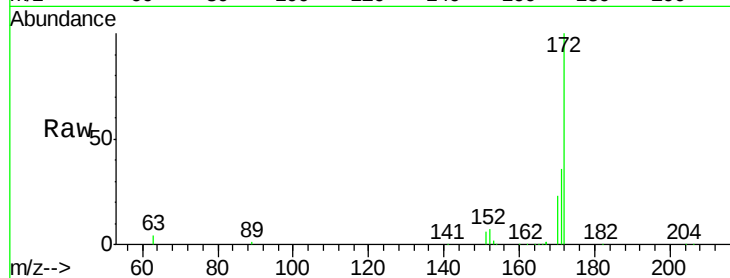
Tot Ion:172 Resp: 30087

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

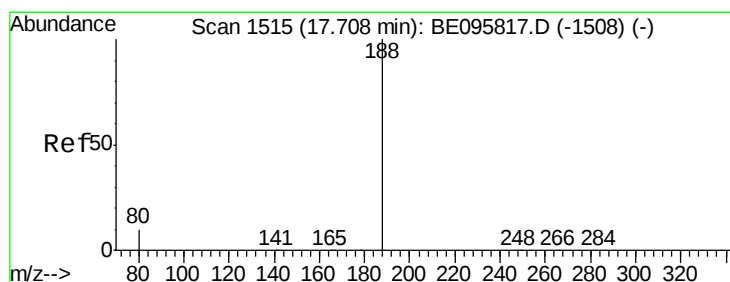
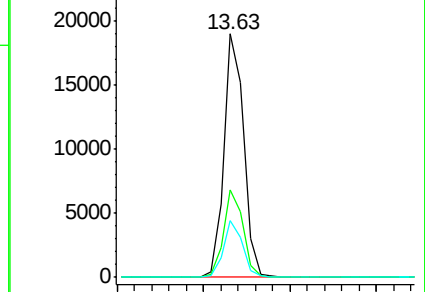
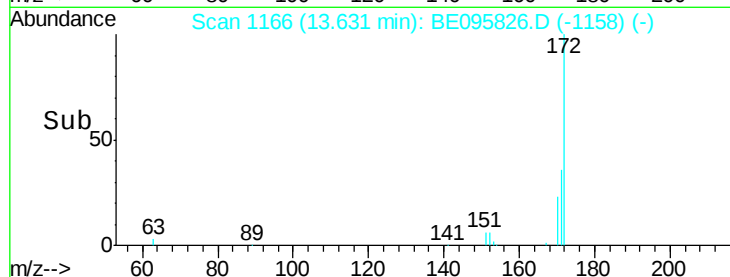
170 23.4 21.8 32.8



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. -0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

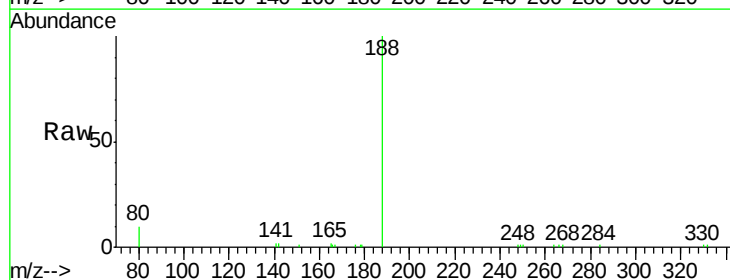
Tgt Ion:188 Resp: 5846

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

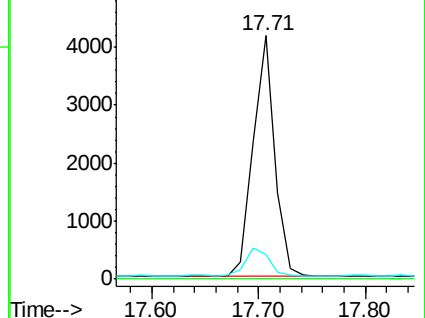
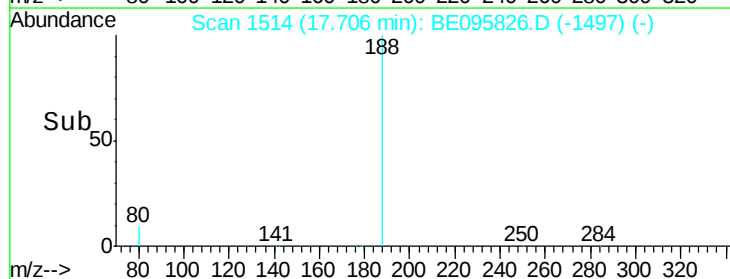
80 10.1 3.6 5.4#

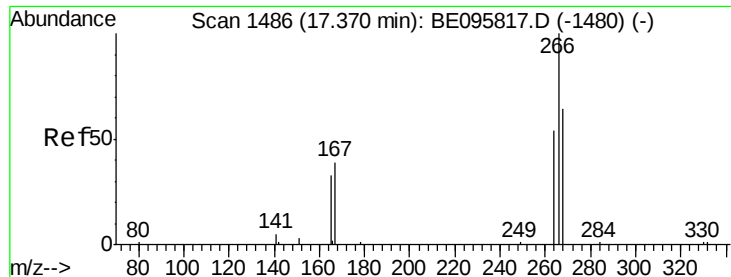


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 2.398 ng

RT: 17.36 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

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ClientSampleId :

PT-ACIDS-WP

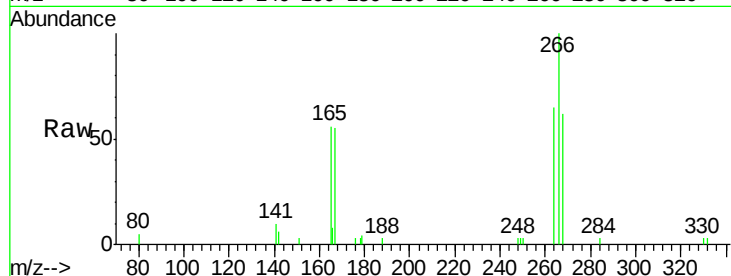
Tot Ion:266 Resp: 3005

Ion Ratio Lower Upper

266 100

264 65.0 72.5 108.7#

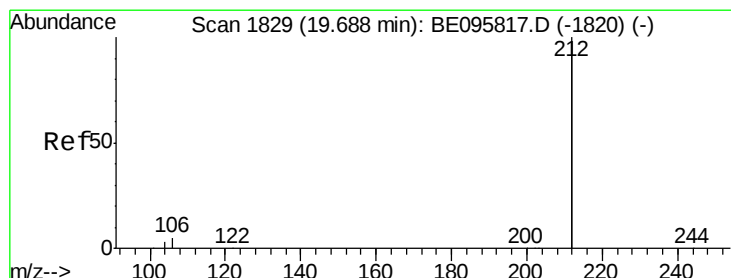
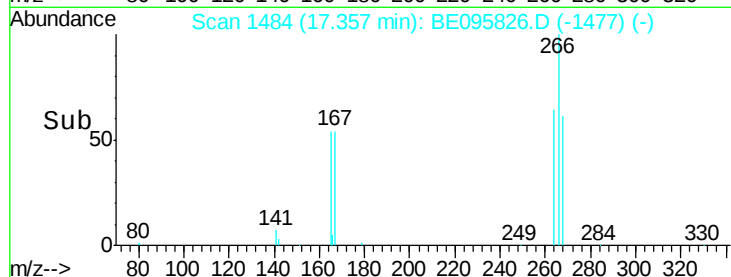
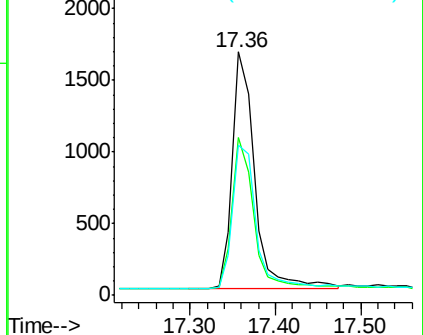
268 61.8 73.8 110.6#



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: 0.000 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

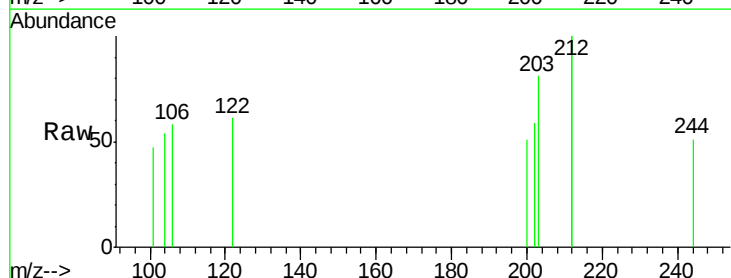
Tgt Ion:212 Resp: 22

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

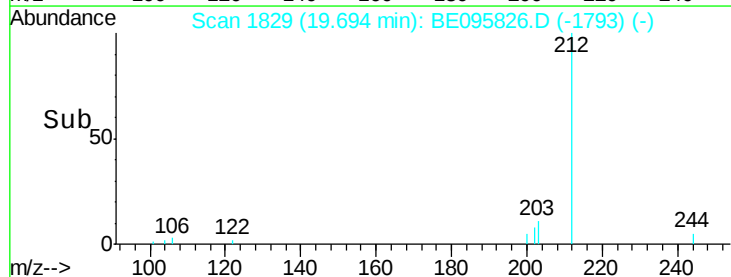
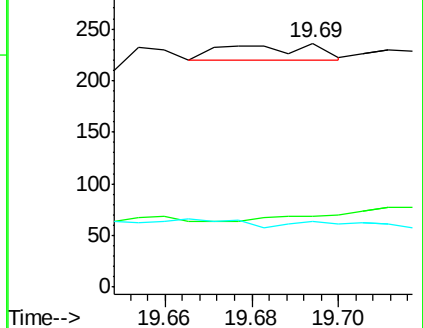
104 36.4 1.6 2.4#

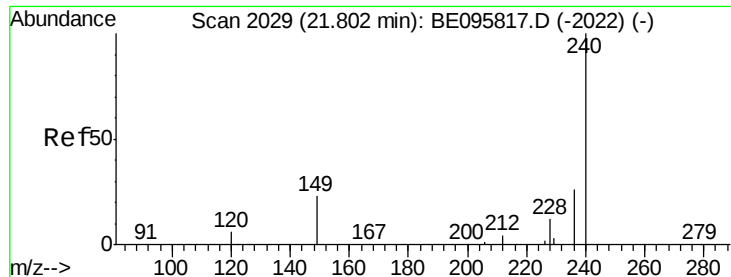


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.80 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

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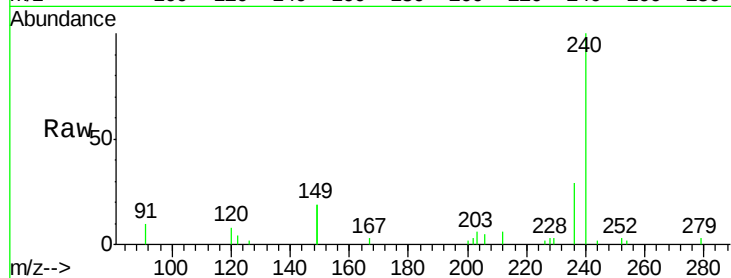
Tot Ion:240 Resp: 7061

Ion Ratio Lower Upper

240 100

120 7.8 5.5 8.3

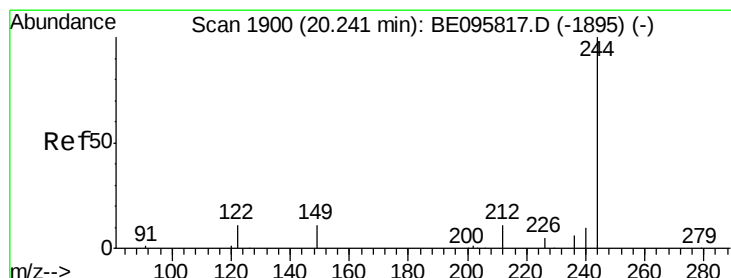
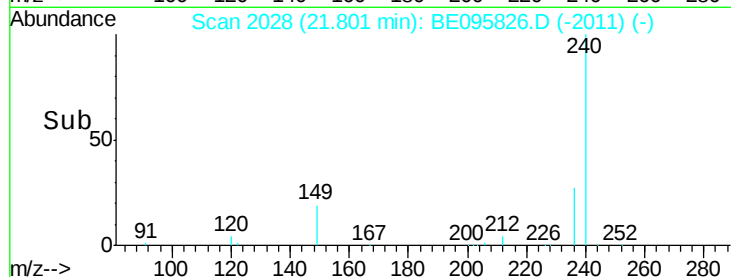
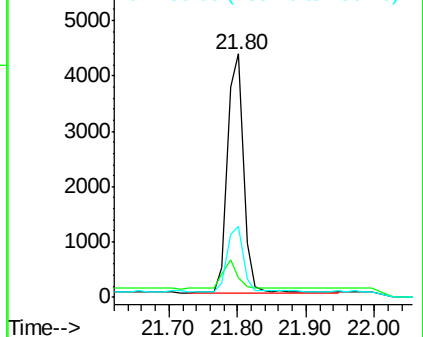
236 28.9 20.7 31.1



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: 3.744 ng

RT: 20.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

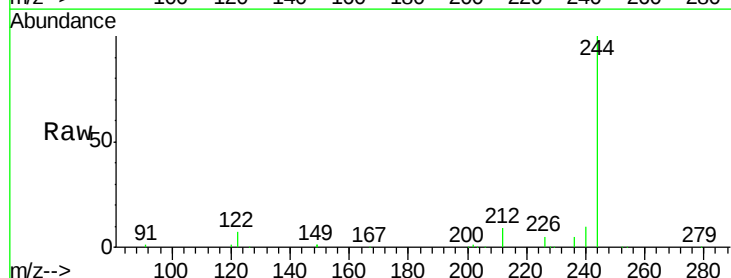
Tgt Ion:244 Resp: 56152

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

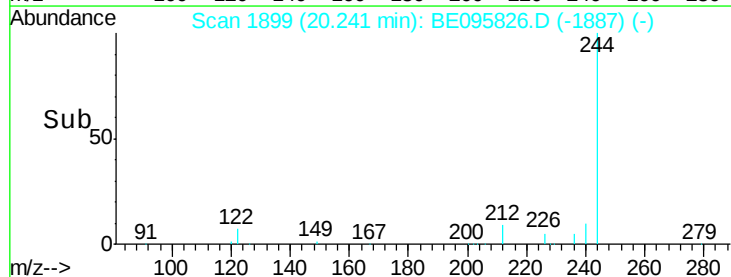
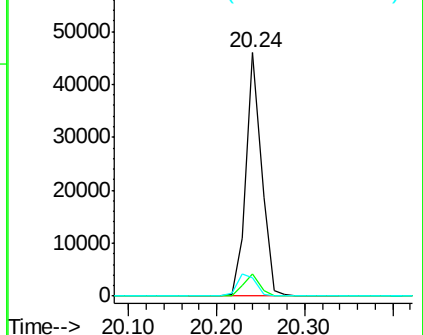
122 7.4 8.1 12.1#

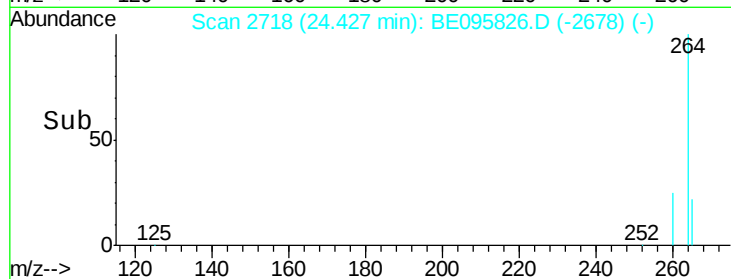
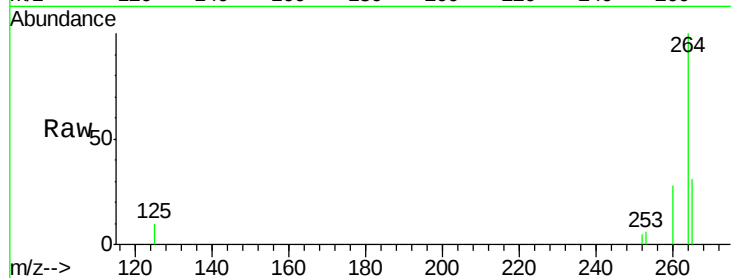
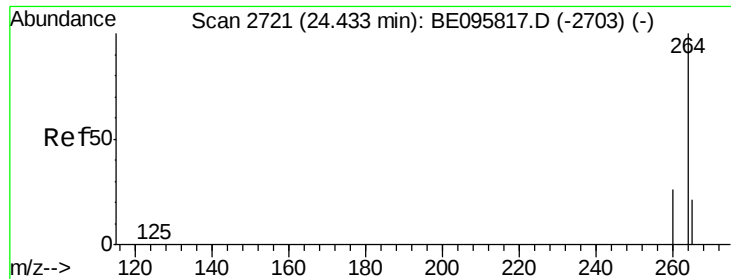


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.43 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BE095826.D

Acq: 23 Mar 2018 17:02

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

Tot Ion:264 Resp: 6809

Ion Ratio Lower Upper

264 100

260 27.7 20.5 30.7

265 31.1 22.8 34.2

