

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095729.D
 Acq On : 12 Mar 2018 14:28
 Operator : SJ/JU
 Sample : J1867-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 15:08:35 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

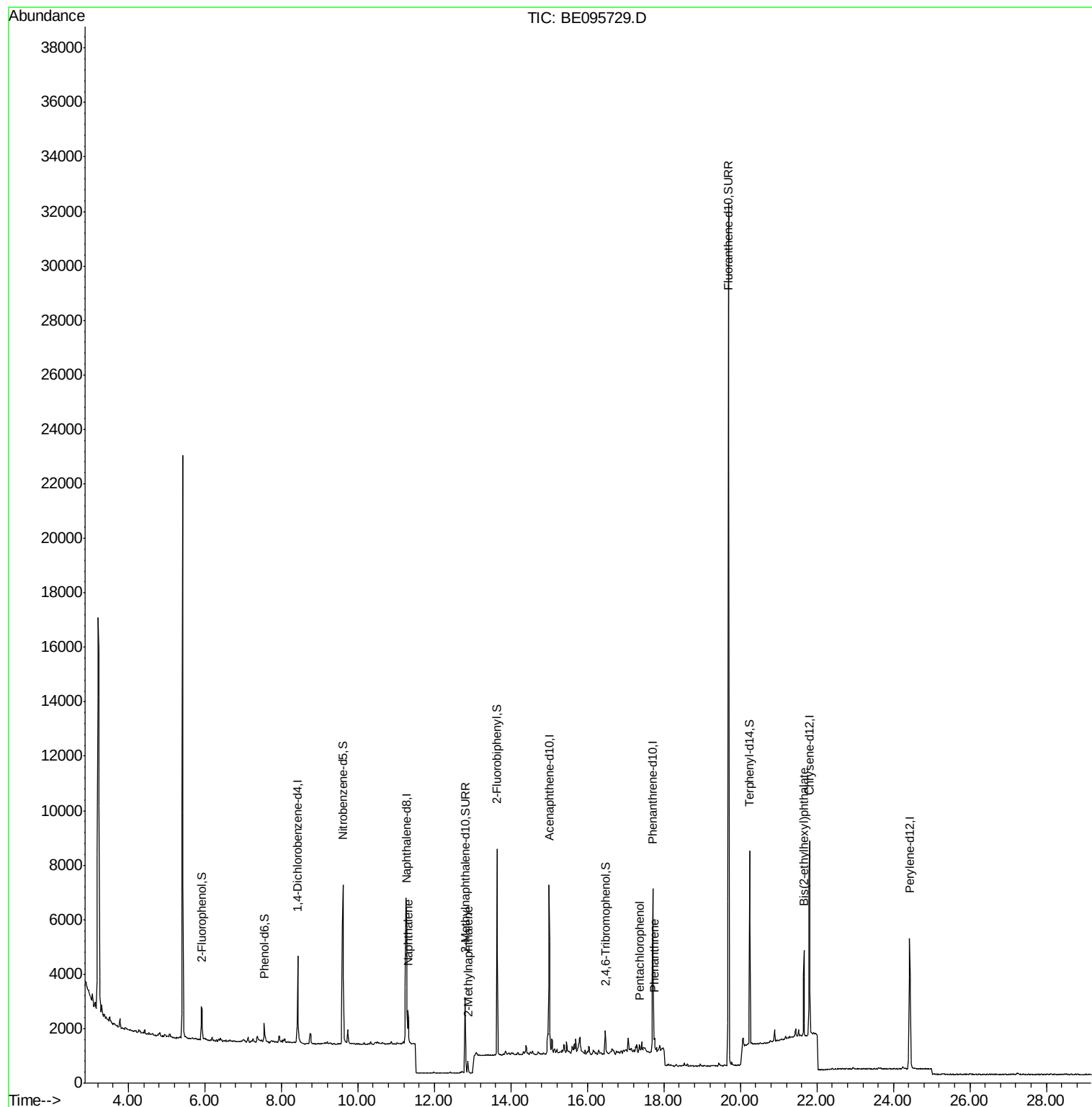
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1511	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6083	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3501	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7796	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7946	0.40	ng	0.00
34) Perylene-d12	24.43	264	7498	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	629	0.16	ng	0.00
5) Phenol-d6	7.56	99	590	0.11	ng	0.00
8) Nitrobenzene-d5	9.61	82	2345	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3826	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	508	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6564	0.42	ng	0.00
25) Fluoranthene-d10	19.69	212	40091	0.39	ng	0.00
29) Terphenyl-d14	20.24	244	6777	0.43	ng	-0.01
Target Compounds						
9) Naphthalene	11.31	128	1749	0.025	ng	# 90
12) 2-Methylnaphthalene	12.87	142	292	0.024	ng	# 85
22) Pentachlorophenol	17.36	266	88	0.226	ng	86
23) Phenanthrene	17.75	178	548	0.022	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.66	149	4202	0.092	ng	100

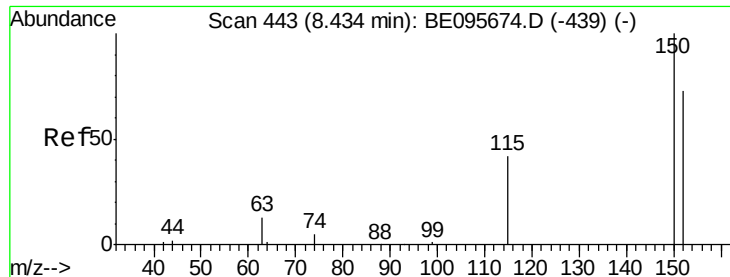
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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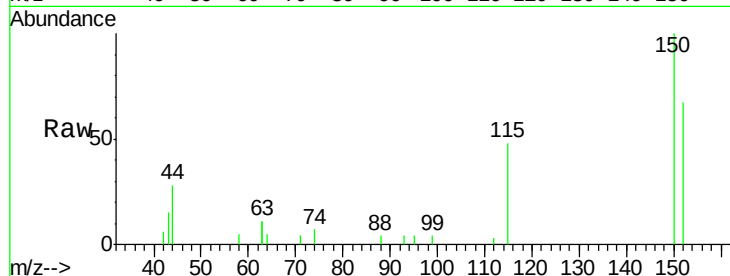


#1

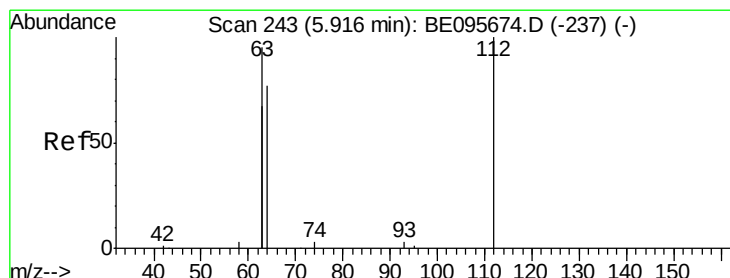
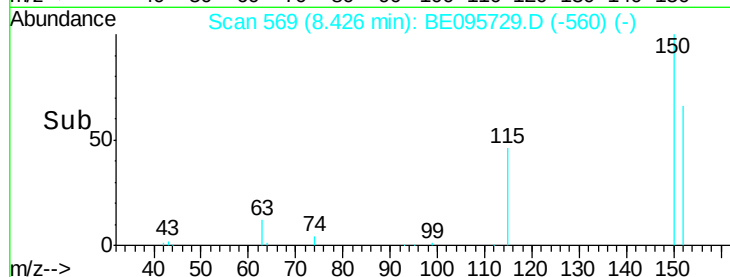
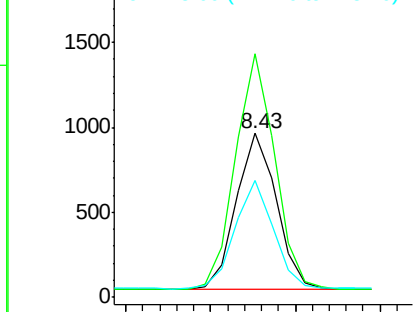
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095729.D
Acq: 12 Mar 2018 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1511
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 71.5 57.0 85.6



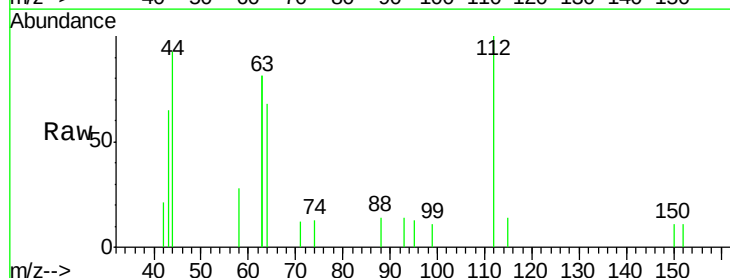
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



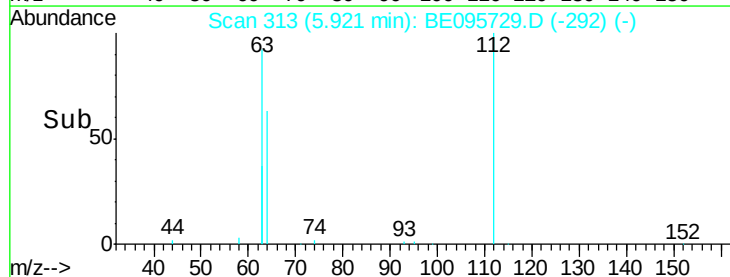
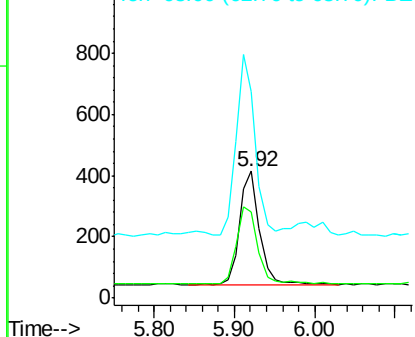
#4

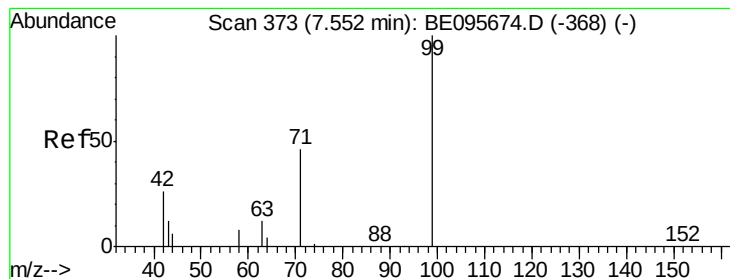
2-Fluorophenol
Concen: 0.158 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095729.D
Acq: 12 Mar 2018 14:28

Tgt Ion:112 Resp: 629
Ion Ratio Lower Upper
112 100
64 70.4 60.1 90.1
63 153.1 116.8 175.2



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: 0.107 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampled :

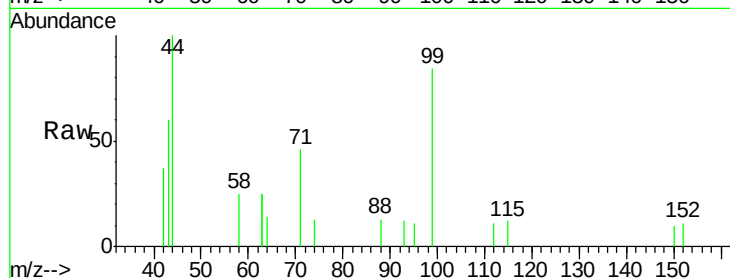
Tot Ion: 99 Resp: 590

Ion Ratio Lower Upper

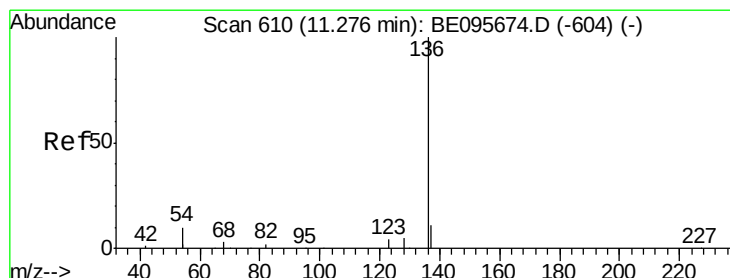
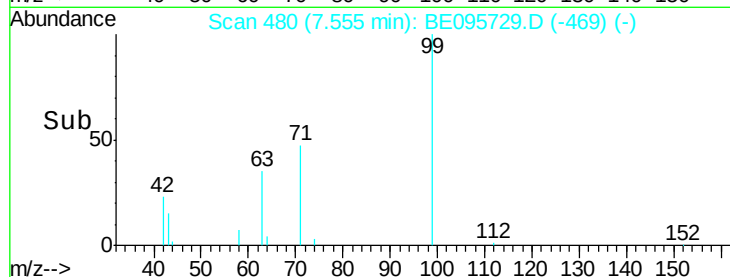
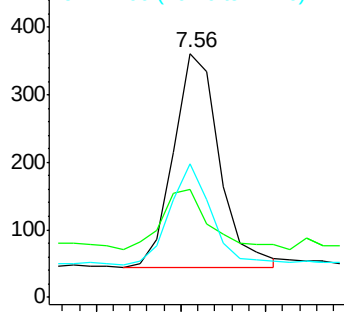
99 100

42 30.2 20.2 30.2

71 43.2 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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Tgt Ion: 136 Resp: 6083

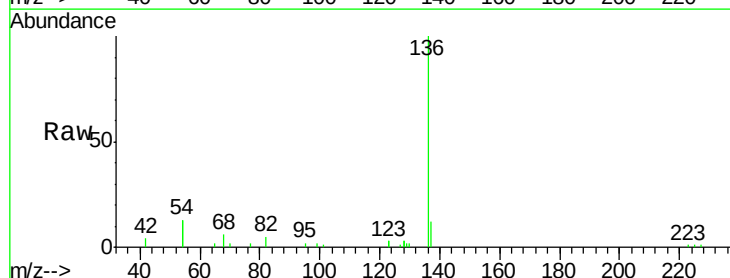
Ion Ratio Lower Upper

136 100

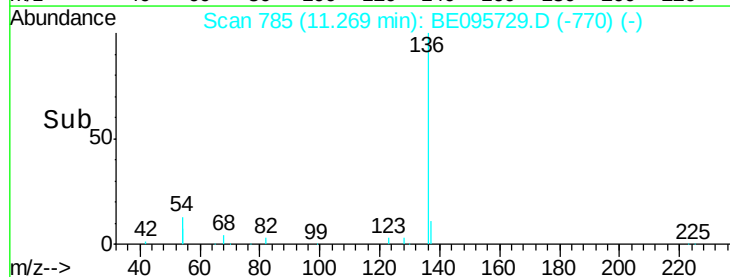
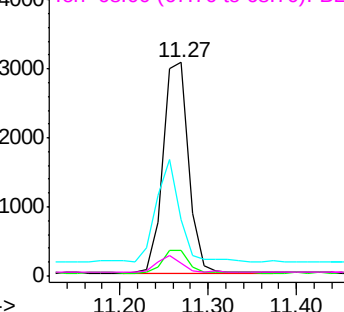
137 11.9 9.5 14.3

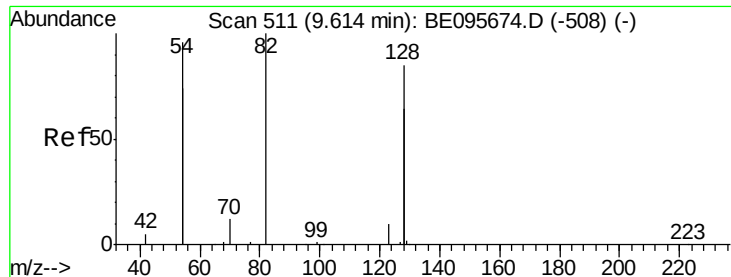
54 26.6 29.1 43.7#

68 6.0 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: 0.374 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

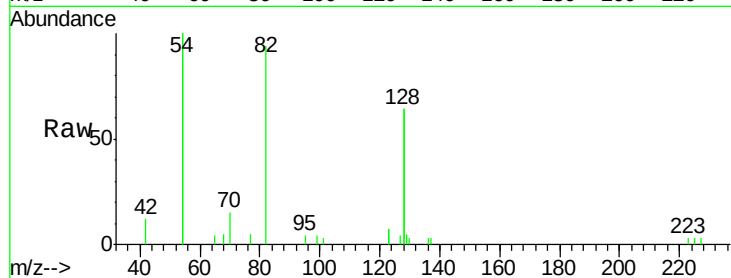
Tot Ion: 82 Resp: 2345

Ion Ratio Lower Upper

82 100

128 137.1 150.0 225.0#

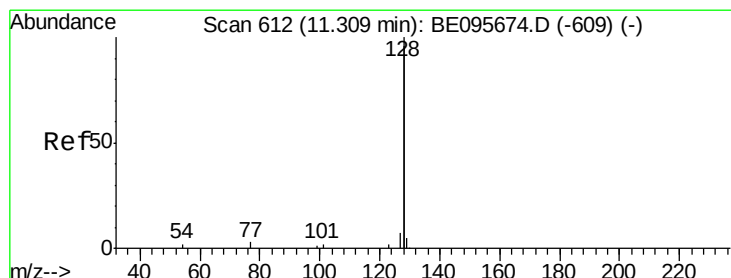
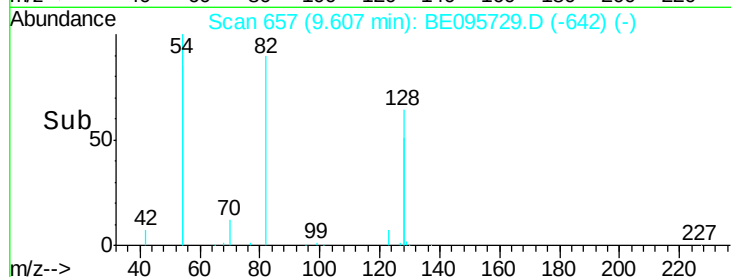
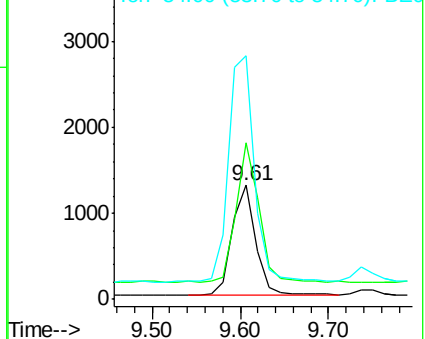
54 213.4 154.2 231.4



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



#9

Naphthalene

Concen: 0.025 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

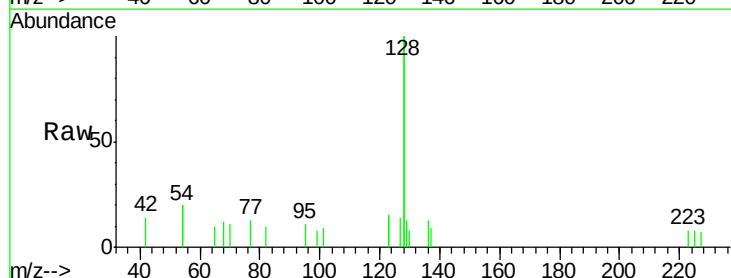
Tgt Ion: 128 Resp: 1749

Ion Ratio Lower Upper

128 100

129 6.3 2.6 3.8#

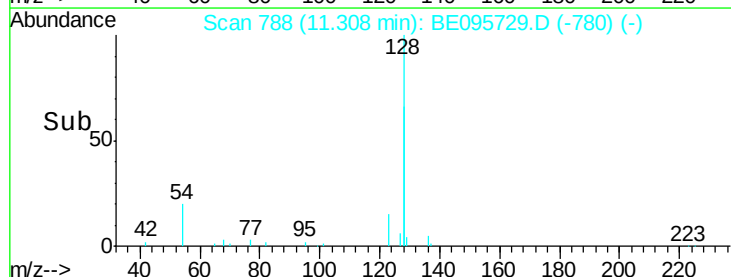
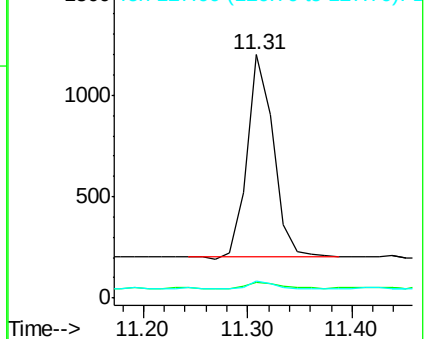
127 7.0 2.8 4.2#

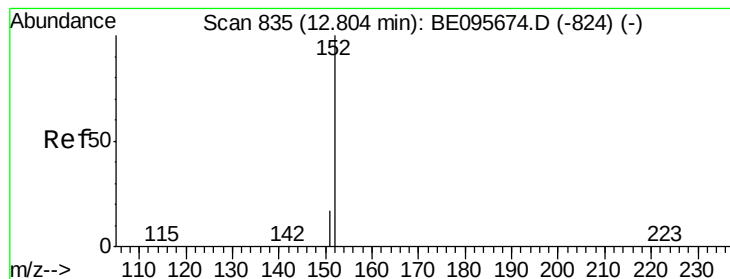


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

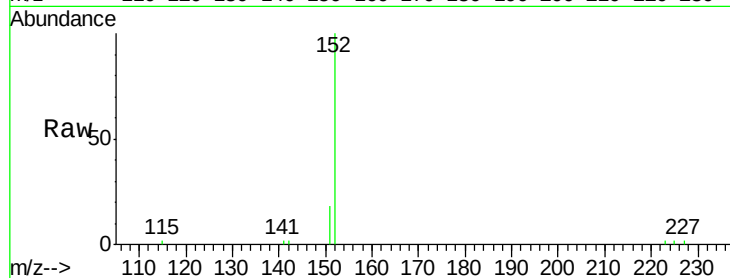
ClientSampled :

Tot Ion:152 Resp: 3826

Ion Ratio Lower Upper

152 100

151 19.4 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

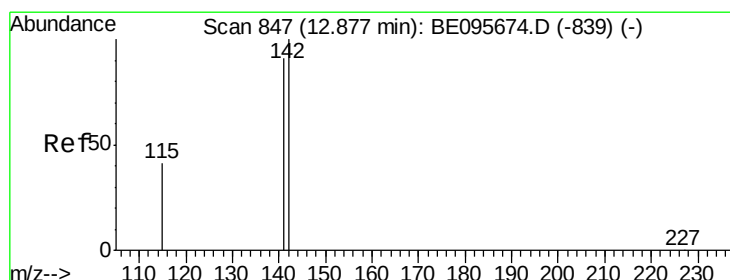
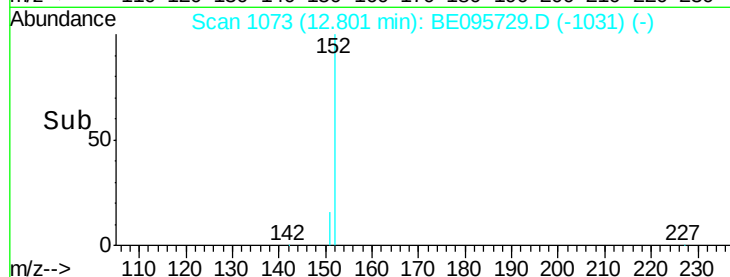
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.024 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

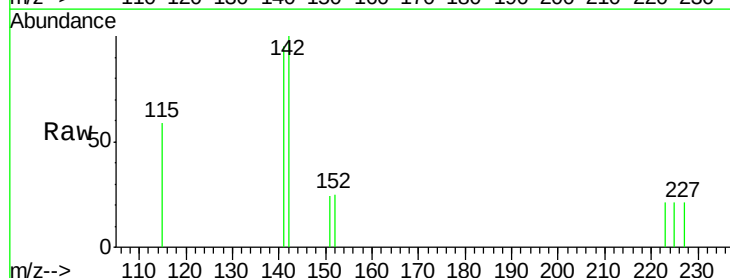
Tgt Ion:142 Resp: 292

Ion Ratio Lower Upper

142 100

141 95.4 70.4 105.6

115 59.4 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

300

250

200

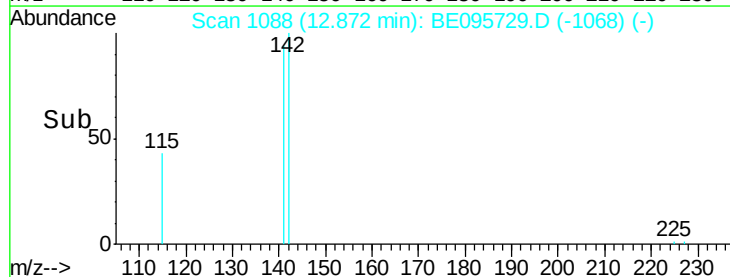
150

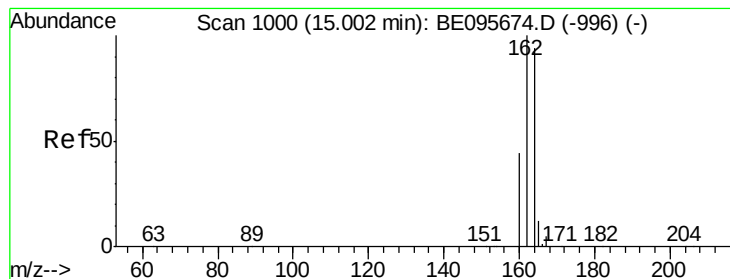
100

50

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

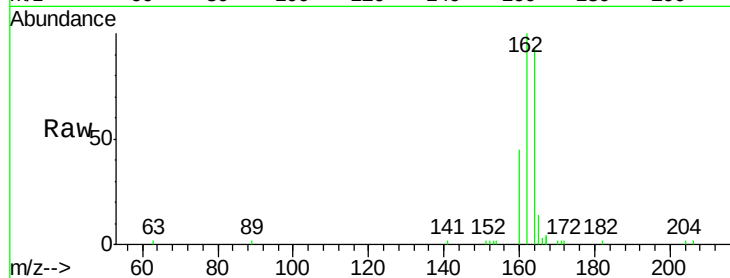
Tot Ion:164 Resp: 3501

Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

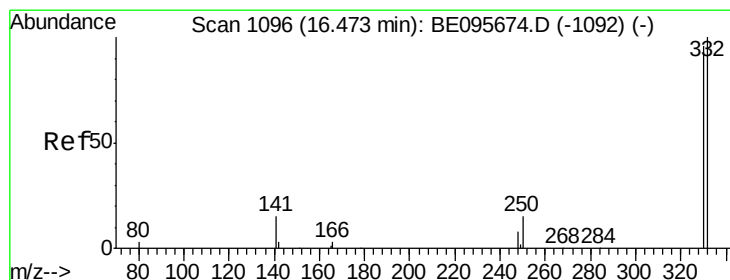
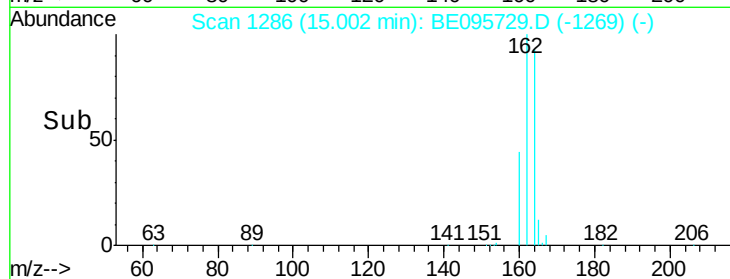
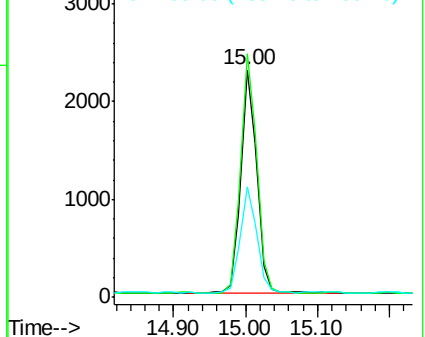
160 48.7 37.1 55.7



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: 0.419 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

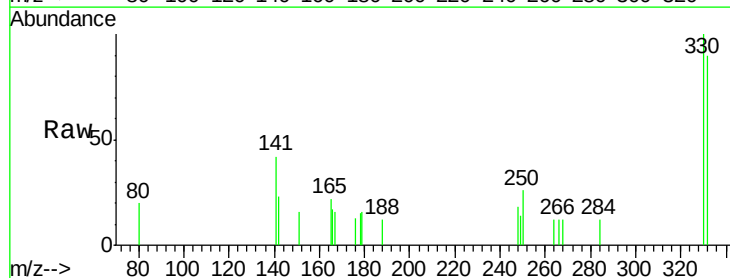
Tgt Ion:330 Resp: 508

Ion Ratio Lower Upper

330 100

332 90.4 152.7 229.1#

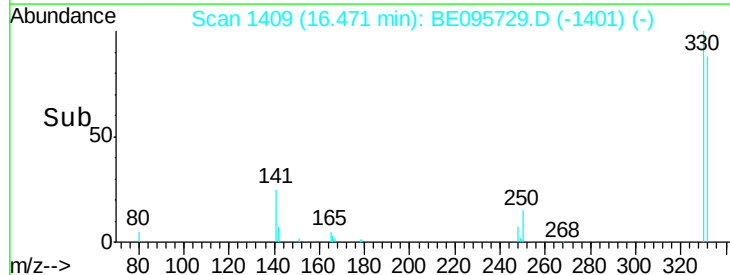
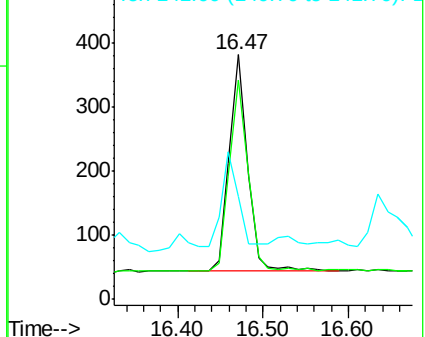
141 39.2 33.7 50.5

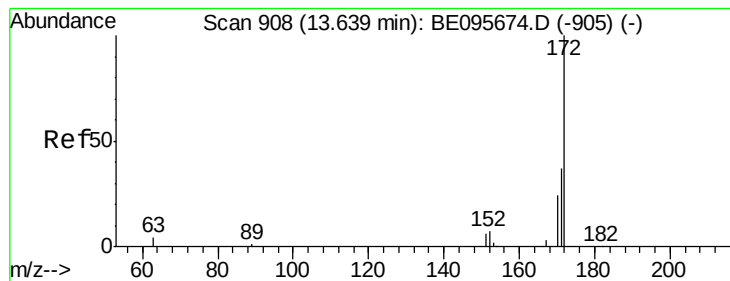


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.420 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

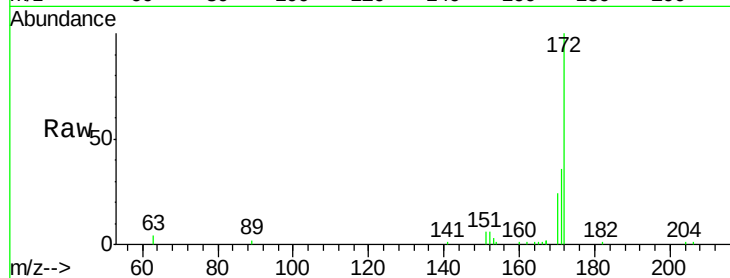
Tot Ion:172 Resp: 6564

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

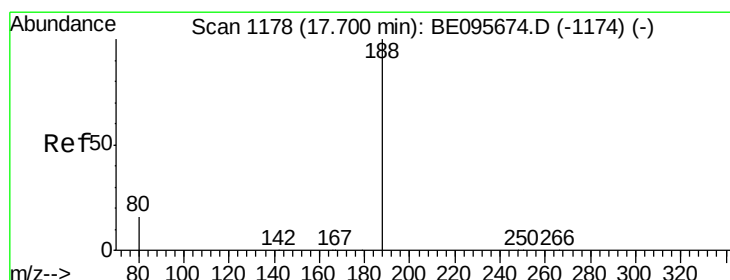
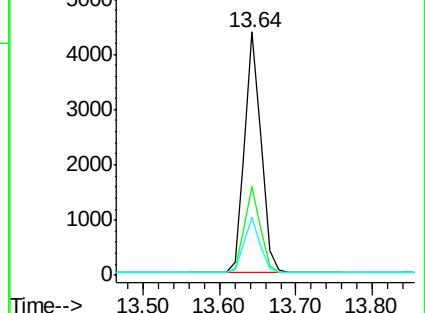
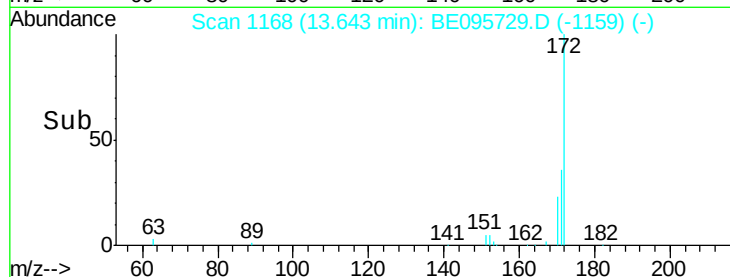
170 24.1 21.8 32.8



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# 1515

Delta R.T. 0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

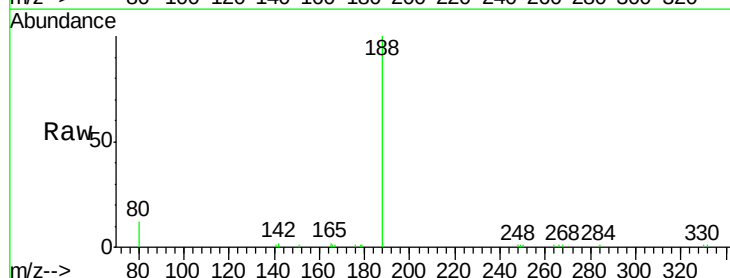
Tgt Ion:188 Resp: 7796

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

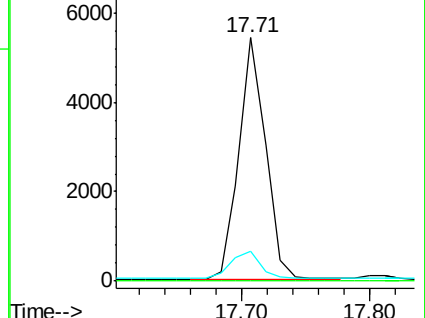
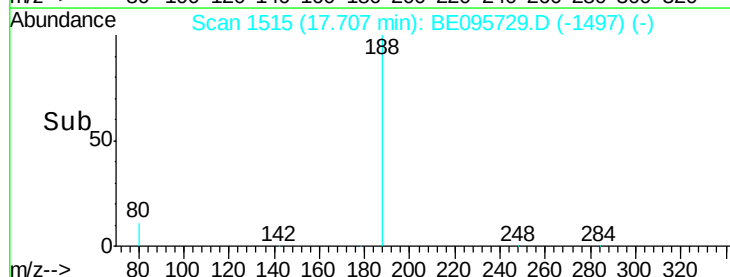
80 12.1 3.6 5.4#

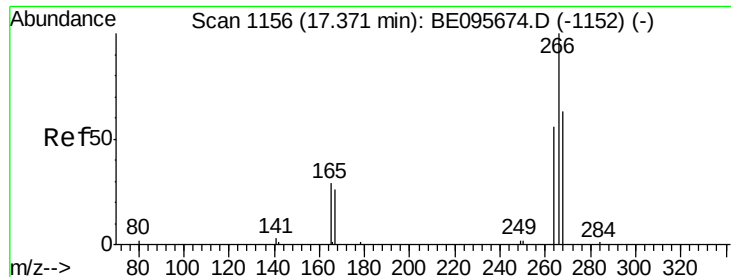


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.226 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampled :

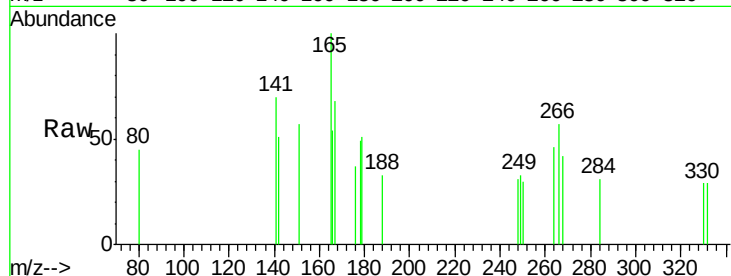
Tot Ion:266 Resp: 88

Ion Ratio Lower Upper

266 100

264 81.2 72.5 108.7

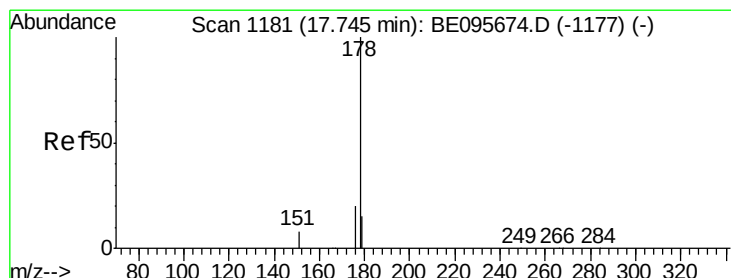
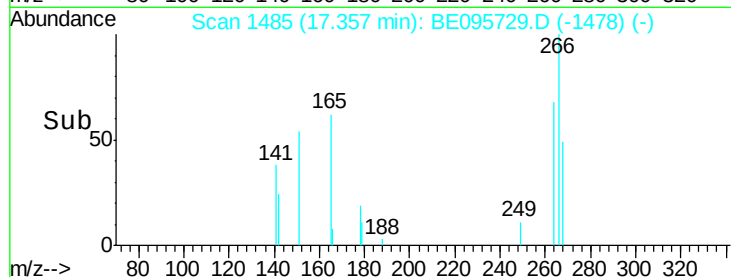
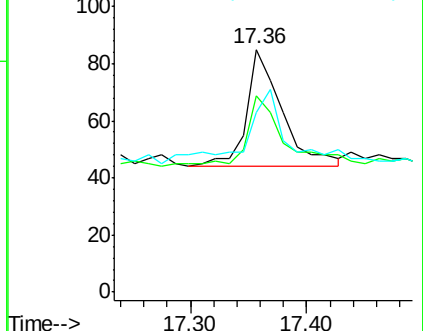
268 74.1 73.8 110.6



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



#23

Phenanthrene

Concen: 0.022 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

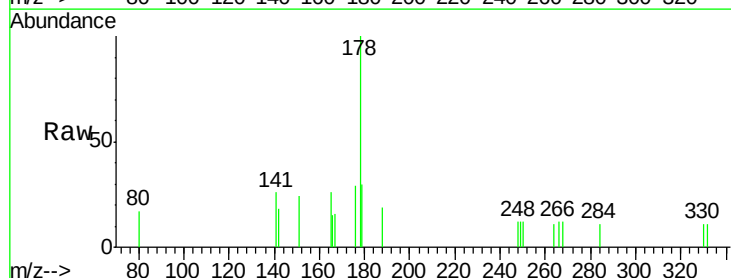
Tgt Ion:178 Resp: 548

Ion Ratio Lower Upper

178 100

176 21.0 15.1 22.7

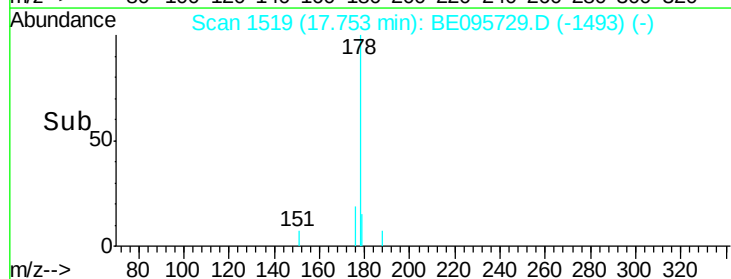
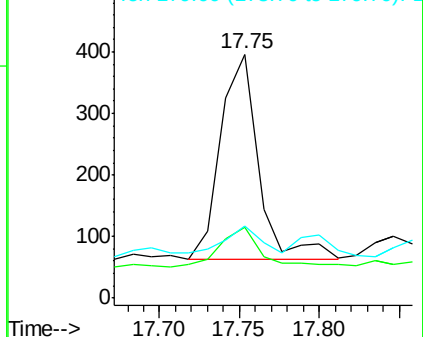
179 10.9 11.8 17.6#

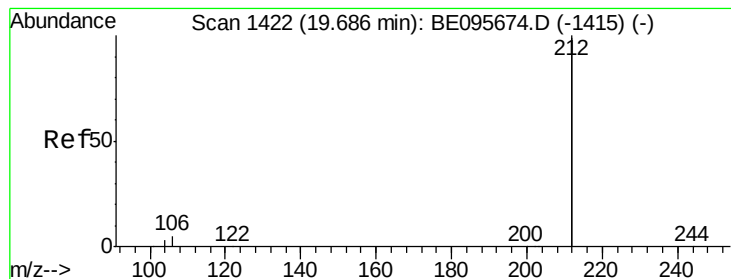


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

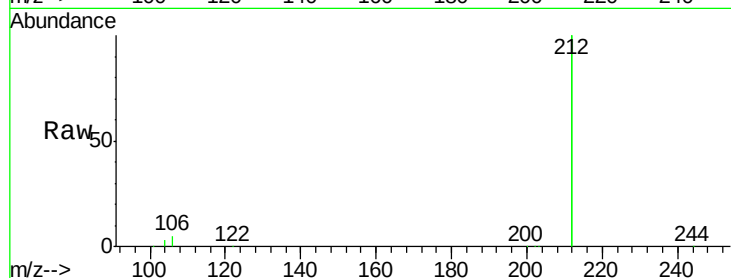
Tot Ion:212 Resp: 40091

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

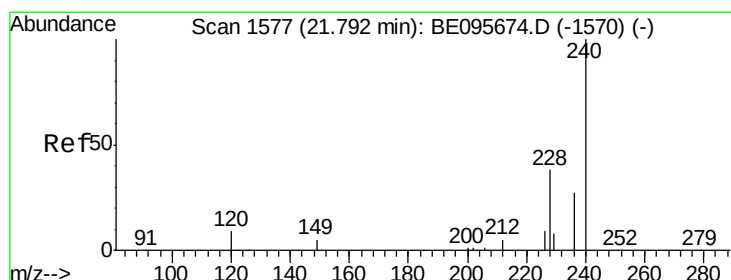
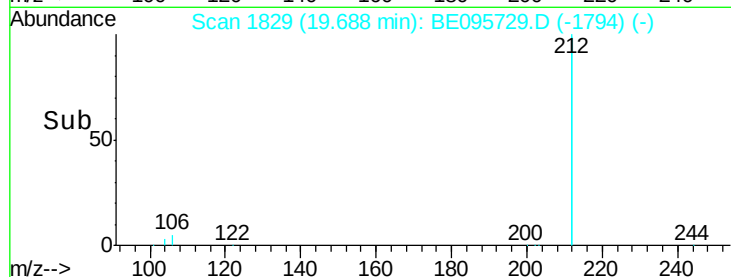
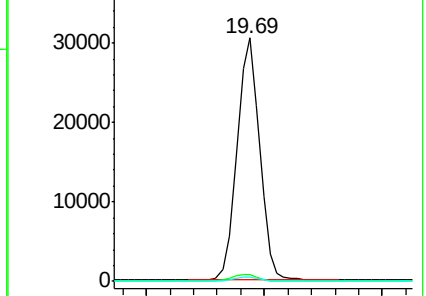
104 1.7 1.6 2.4



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: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

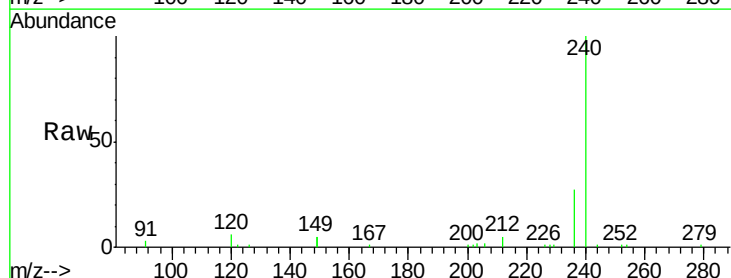
Tgt Ion:240 Resp: 7946

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

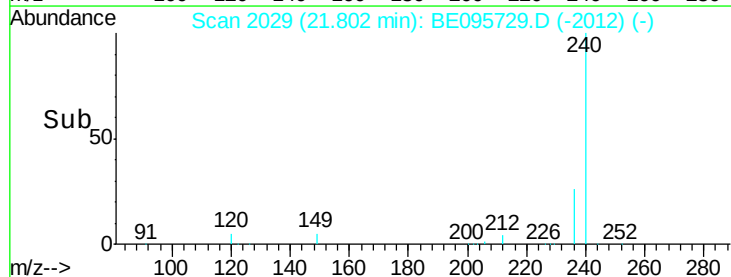
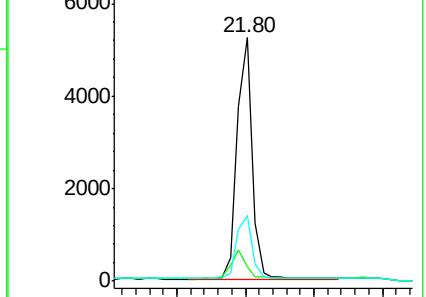
236 27.1 20.7 31.1

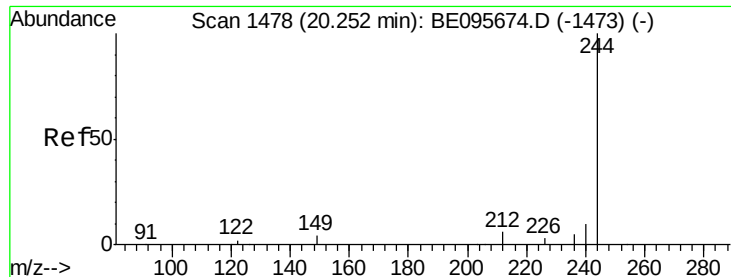


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

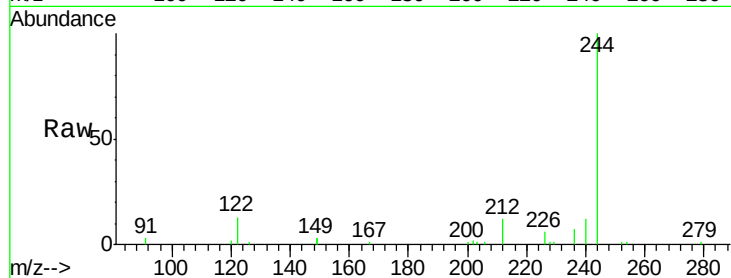
Tot Ion:244 Resp: 6777

Ion Ratio Lower Upper

244 100

212 11.7 25.4 38.0#

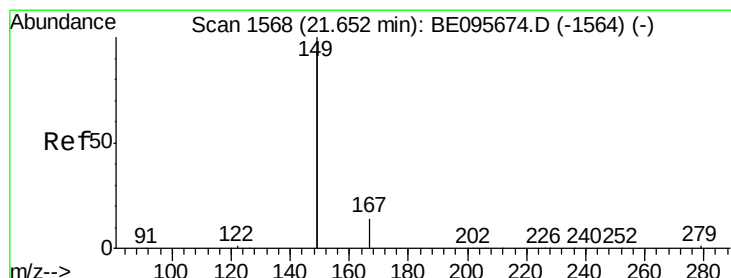
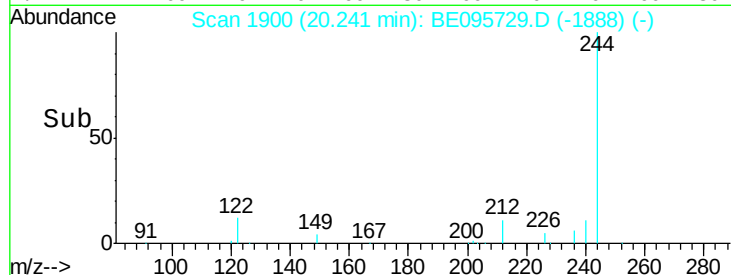
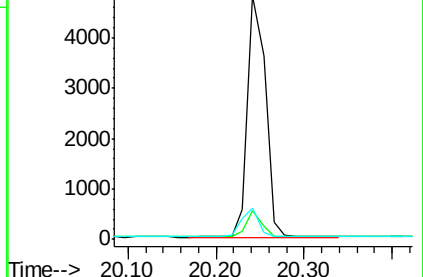
122 12.9 8.1 12.1#



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: 0.092 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

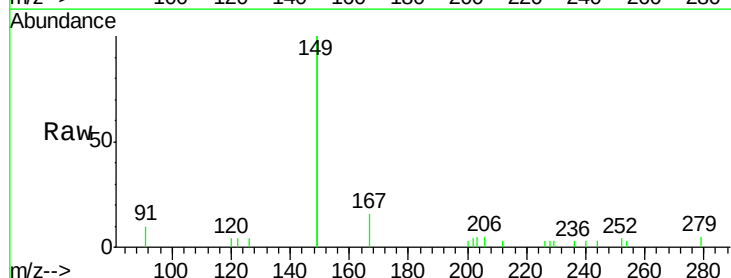
Tgt Ion:149 Resp: 4202

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

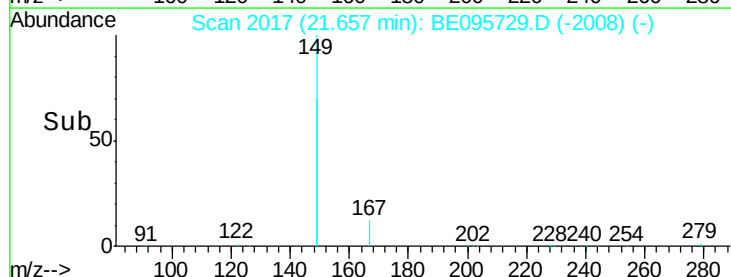
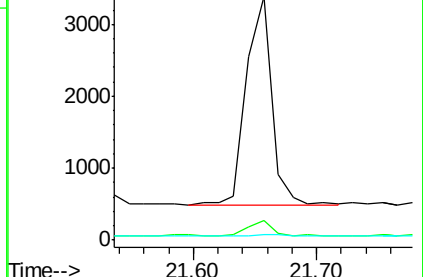
279 1.0 0.7 1.1

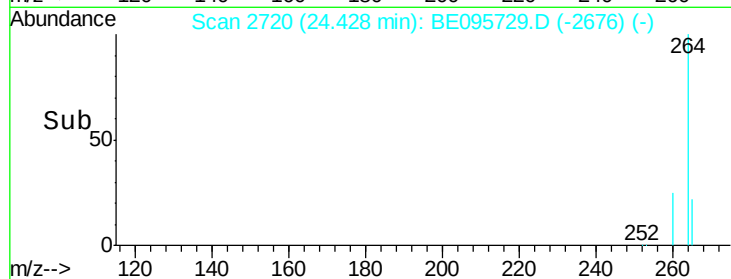
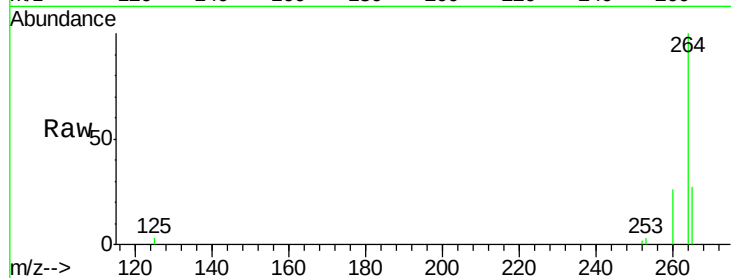
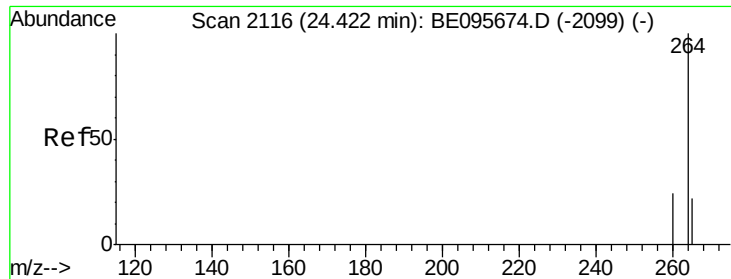


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2720

Delta R.T. 0.01 min

Lab File: BE095729.D

Acq: 12 Mar 2018 14:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7498

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 26.8 22.8 34.2

