

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095832.D
 Acq On : 26 Mar 2018 9:04
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:38:59 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	1140	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4413	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2673	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6660	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7807	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7409	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.91	112	1498	0.40	ng	0.00
5) Phenol-d6	7.56	99	2040	0.39	ng	0.00
8) Nitrobenzene-d5	9.59	82	2074	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3040	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	552	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	4535	0.40	ng	-0.01
25) Fluoranthene-d10	19.68	212	39349	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	6572	0.40	ng	0.00

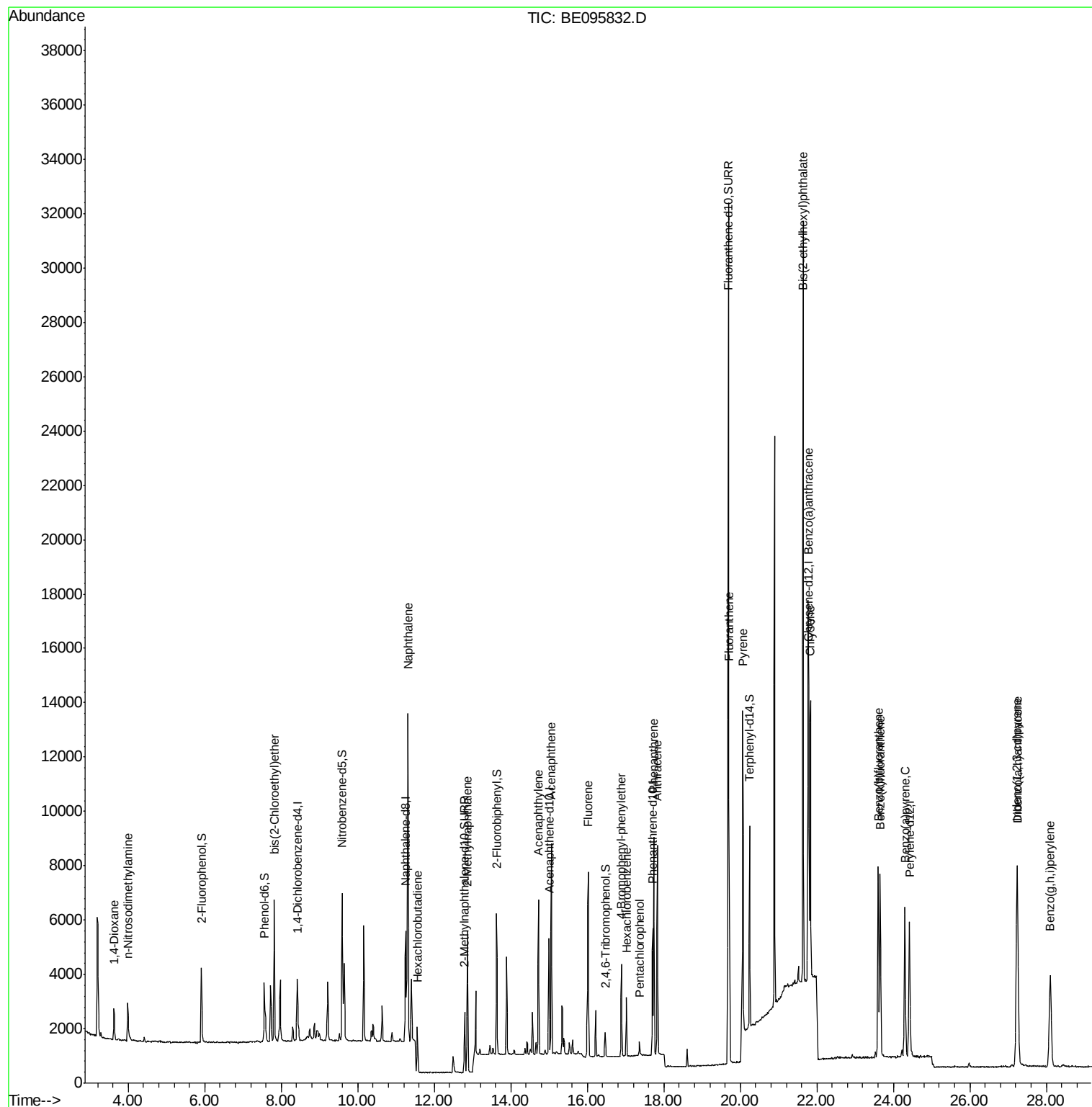
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	742	0.398	ng	# 90
3) n-Nitrosodimethylamine	3.99	42	994	0.363	ng	84
6) bis(2-Chloroethyl)ether	7.81	93	1777	0.399	ng	94
9) Naphthalene	11.31	128	20719	0.411	ng	100
10) Hexachlorobutadiene	11.56	225	1401	0.405	ng	96
12) 2-Methylnaphthalene	12.87	142	3527	0.410	ng	95
16) Acenaphthylene	14.73	152	6161	0.403	ng	99
17) Acenaphthene	15.06	154	3736	0.401	ng	95
18) Fluorene	16.03	166	4817	0.393	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1627	0.406	ng	# 86
21) Hexachlorobenzene	17.02	284	1578	0.395	ng	# 82
22) Pentachlorophenol	17.36	266	325	0.346	ng	# 76
23) Phenanthrene	17.74	178	8176	0.410	ng	99
24) Anthracene	17.84	178	7979	0.400	ng	95
26) Fluoranthene	19.71	202	11092	0.401	ng	97
28) Pyrene	20.06	202	14347	0.451	ng	97
30) Benzo(a)anthracene	21.78	228	10879	0.402	ng	97
31) Chrysene	21.84	228	10235	0.414	ng	99
32) Bis(2-ethylhexyl)phthalate	21.64	149	30754	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	10645	0.400	ng	# 94
35) Benzo(b)fluoranthene	23.60	252	10214	0.417	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	9999	0.408	ng	# 93
37) Benzo(a)pyrene	24.30	252	9405	0.409	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	8839	0.405	ng	97
39) Benzo(g,h,i)perylene	28.10	276	8928	0.407	ng	# 92

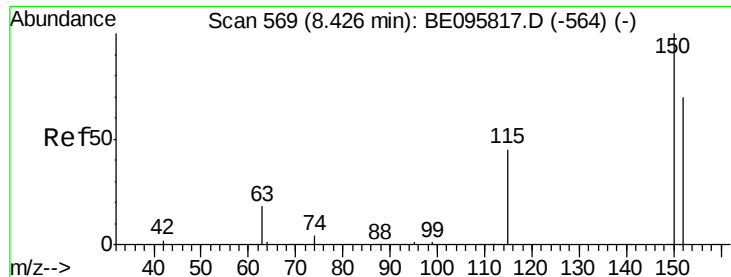
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095832.D
Acq On : 26 Mar 2018 9:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:38:59 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



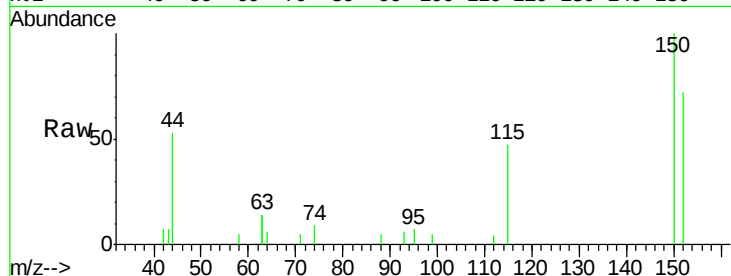


#1

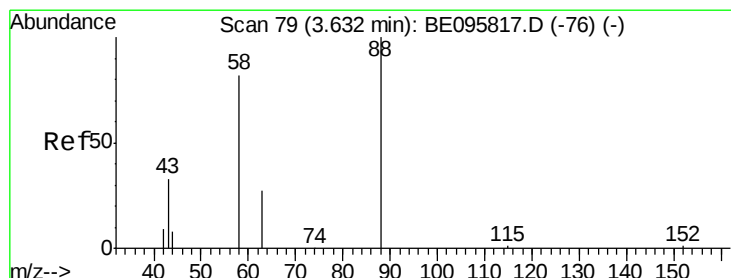
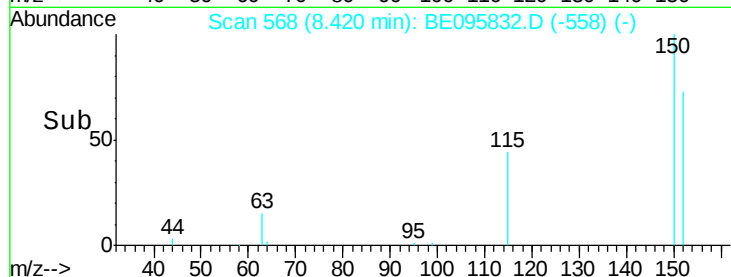
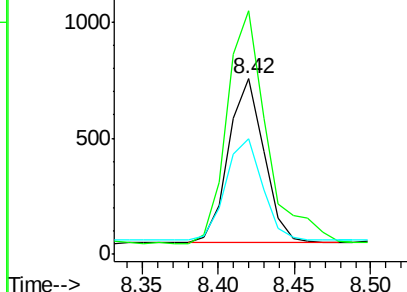
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1140
Ion Ratio Lower Upper
152 100
150 138.9 117.2 175.8
115 65.6 57.0 85.6



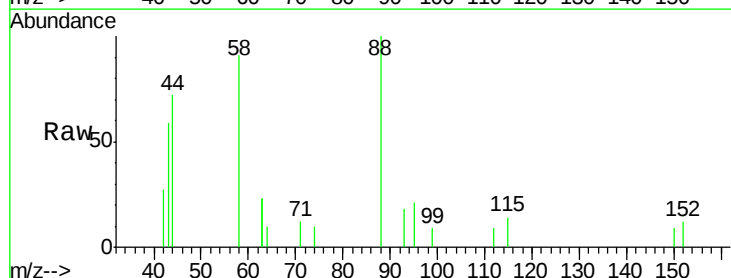
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



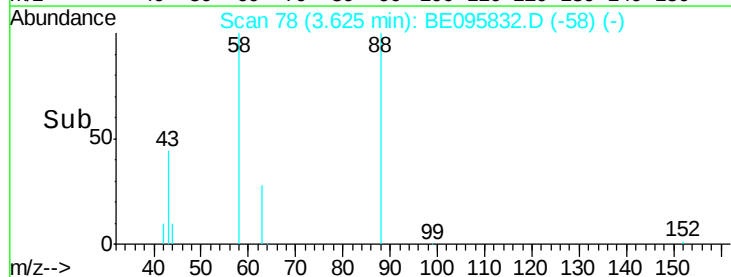
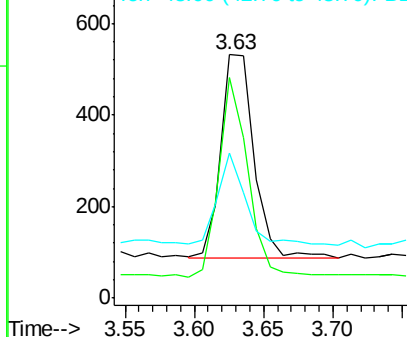
#2

1,4-Dioxane
Concen: 0.398 ng
RT: 3.63 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 88 Resp: 742
Ion Ratio Lower Upper
88 100
58 83.0 63.2 94.8
43 38.4 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



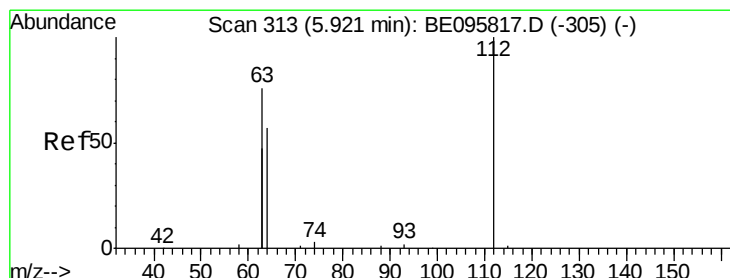
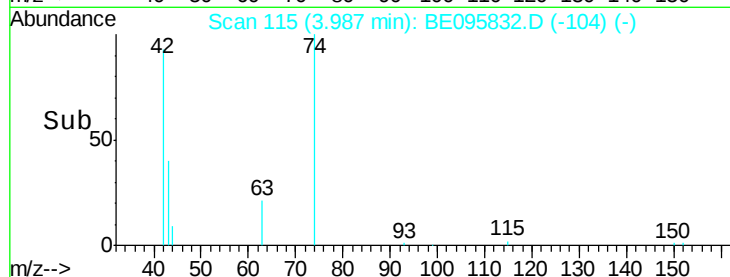
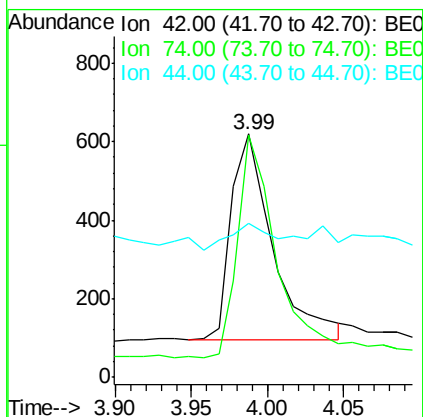
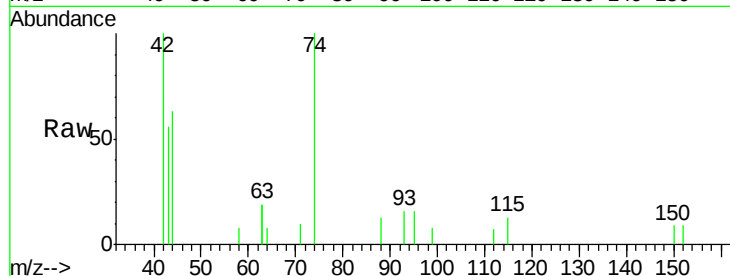


#3

n-Nitrosodimethylamine
 Concen: 0.363 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095832.D
 Acq: 26 Mar 2018 9:04

Instrument :
 BNA_E
 ClientSampleId :

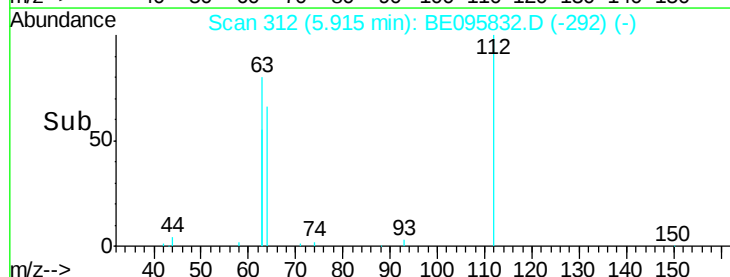
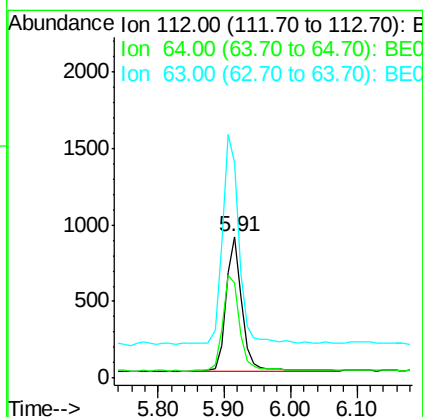
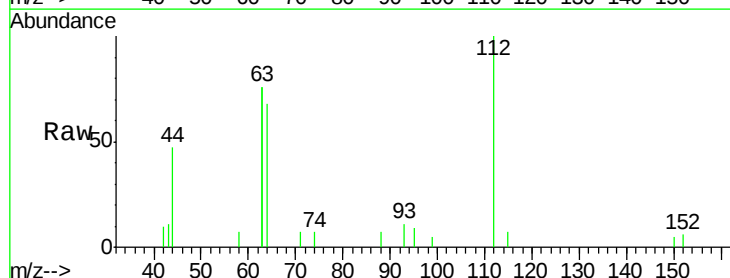
Tot Ion: 42 Resp: 994
 Ion Ratio Lower Upper
 42 100
 74 101.2 96.0 144.0
 44 12.3 12.0 18.0

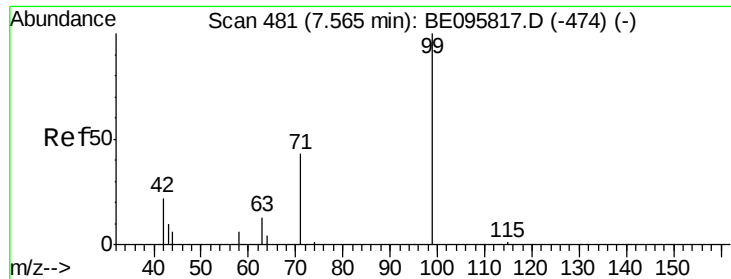


#4

2-Fluorophenol
 Concen: 0.399 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095832.D
 Acq: 26 Mar 2018 9:04

Tgt Ion: 112 Resp: 1498
 Ion Ratio Lower Upper
 112 100
 64 75.0 60.1 90.1
 63 157.9 116.8 175.2





#5

Phenol-d6

Concen: 0.395 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

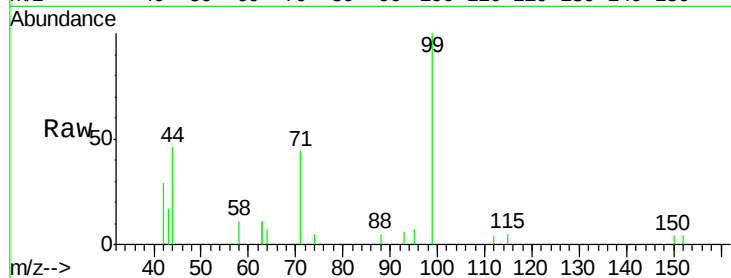
Tot Ion: 99 Resp: 2040

Ion Ratio Lower Upper

99 100

42 28.0 20.2 30.2

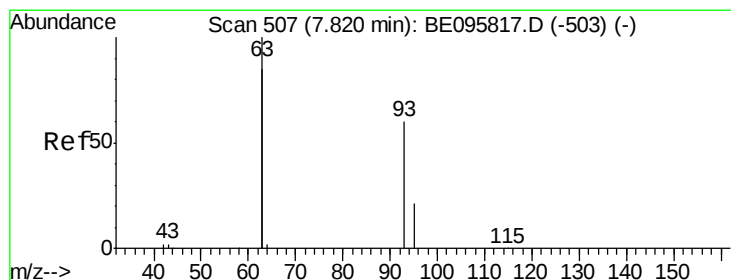
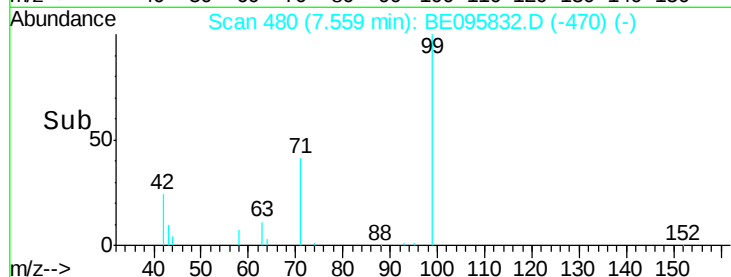
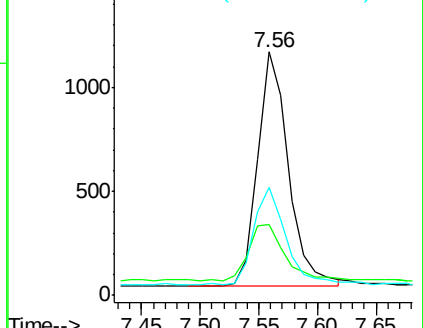
71 43.7 28.4 42.6#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

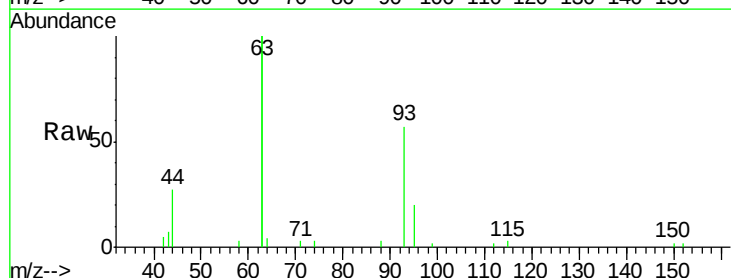
Tgt Ion: 93 Resp: 1777

Ion Ratio Lower Upper

93 100

63 329.8 275.3 412.9

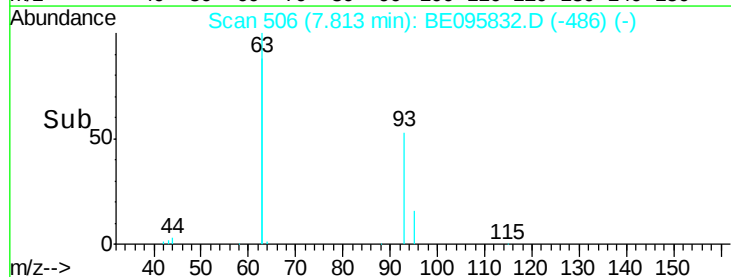
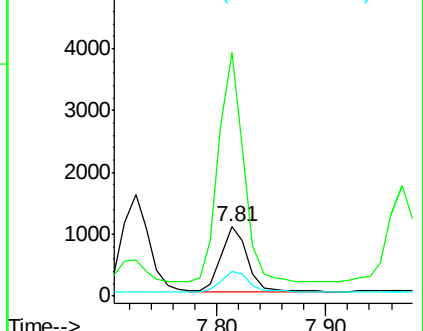
95 33.1 25.2 37.8

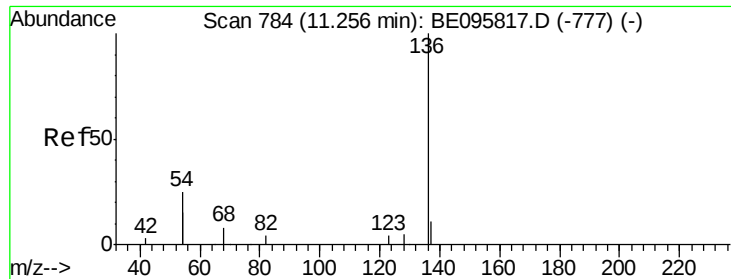


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4413

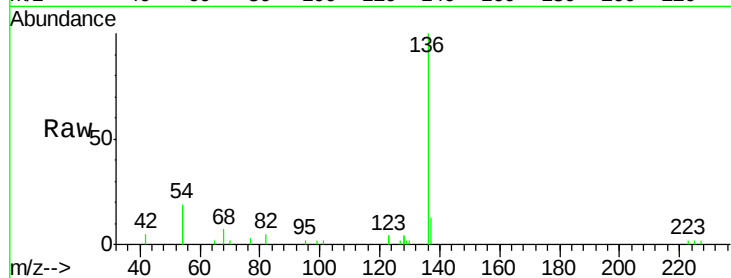
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 37.9 29.1 43.7

68 7.3 6.2 9.2

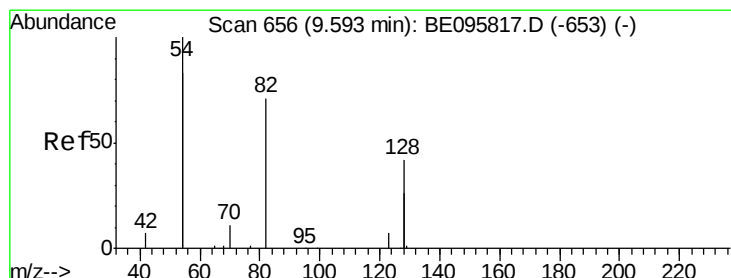
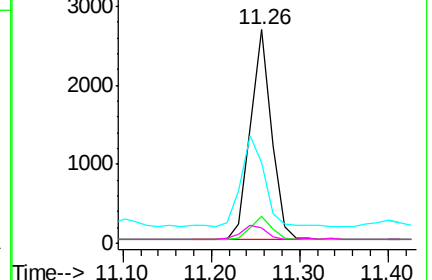
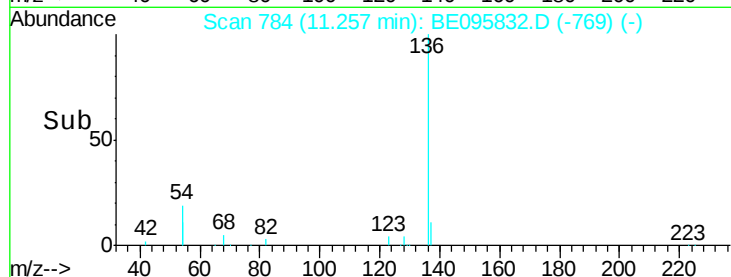


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

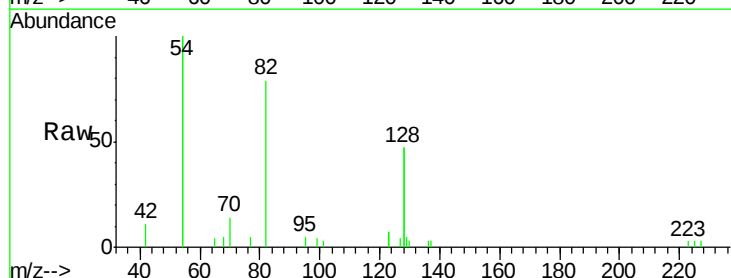
Tgt Ion: 82 Resp: 2074

Ion Ratio Lower Upper

82 100

128 119.7 150.0 225.0#

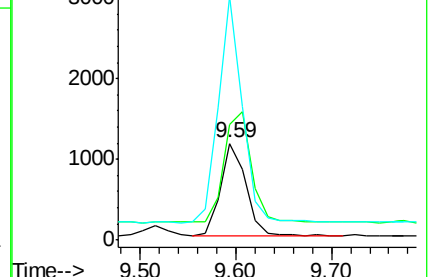
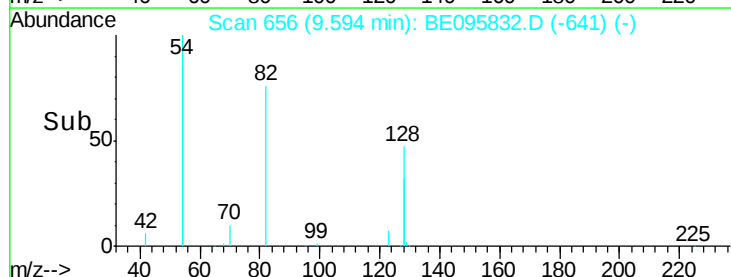
54 252.2 154.2 231.4#



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





#9

Naphthalene

Concen: 0.411 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

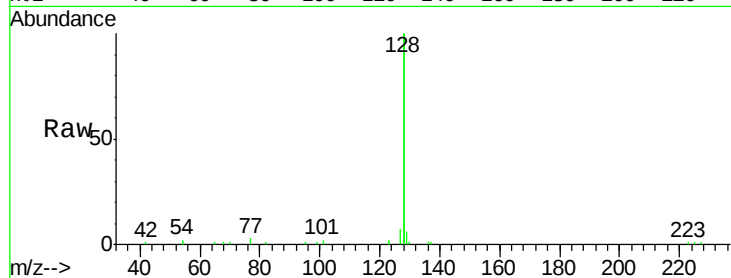
Tot Ion:128 Resp: 20719

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

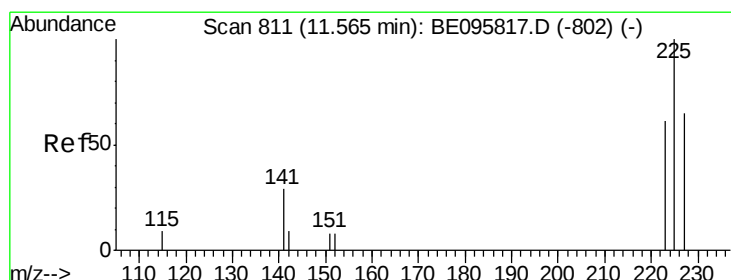
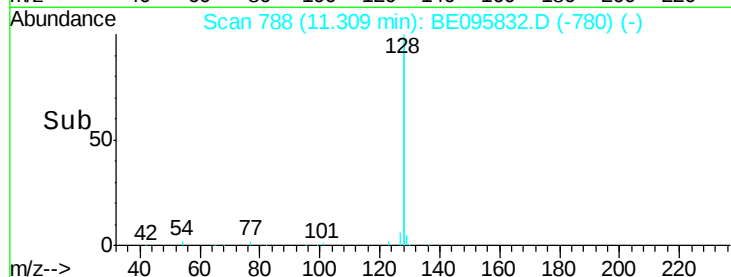
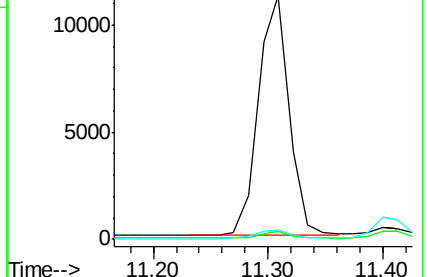
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.405 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

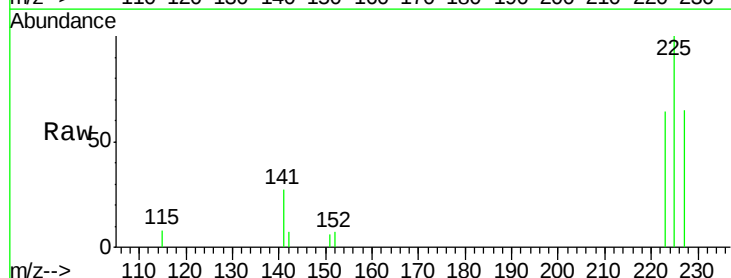
Tgt Ion:225 Resp: 1401

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

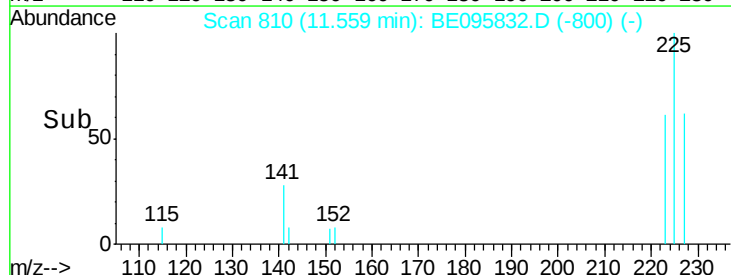
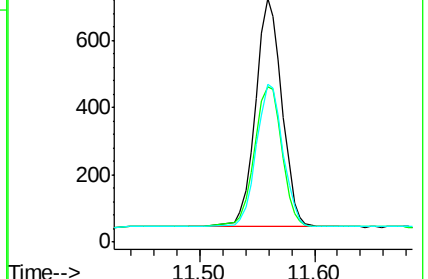
227 61.8 51.4 77.2

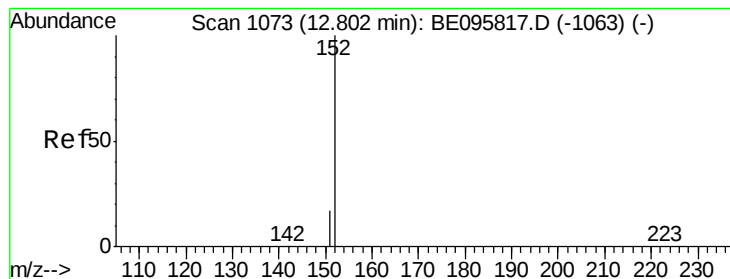


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.80 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

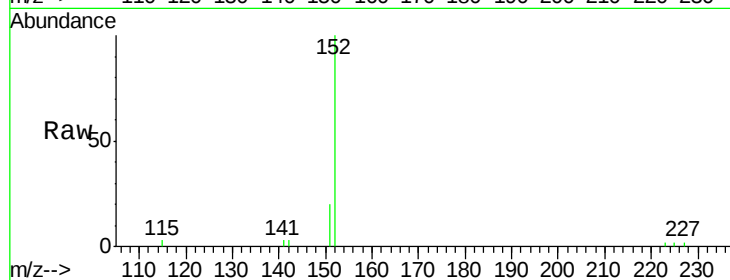
ClientSampleId :

Tot Ion:152 Resp: 3040

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

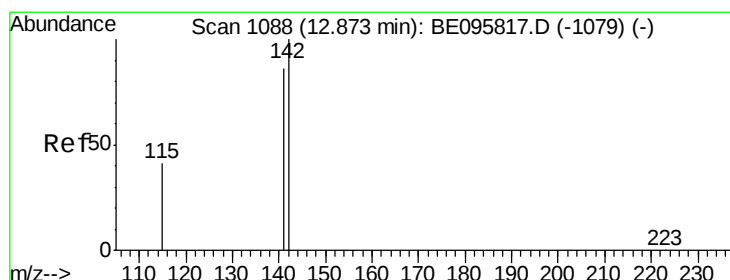
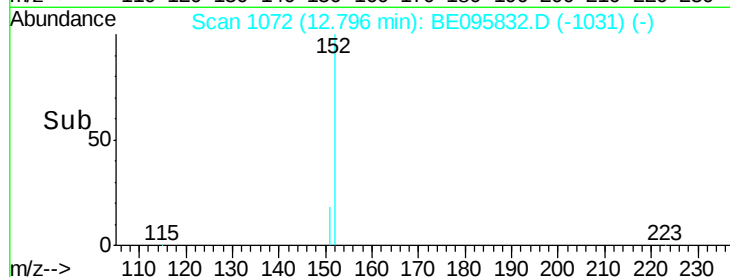
1500

1000

500

0

12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.87 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

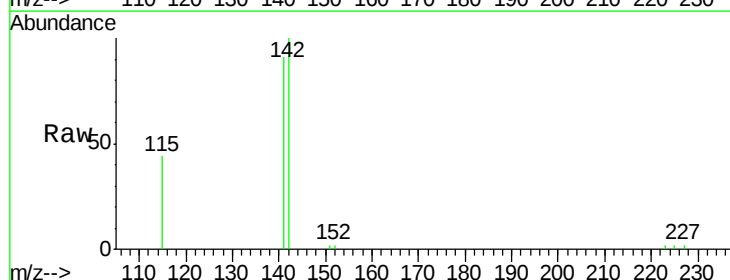
Tgt Ion:142 Resp: 3527

Ion Ratio Lower Upper

142 100

141 91.5 70.4 105.6

115 43.9 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

3000

2500

2000

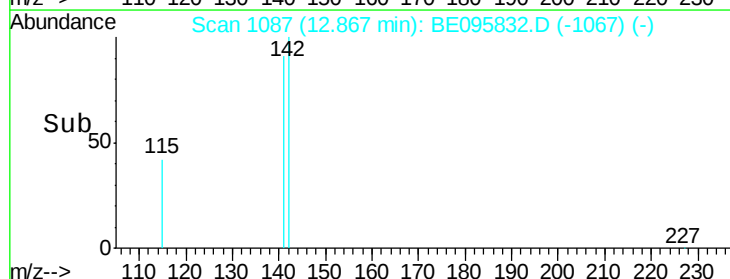
1500

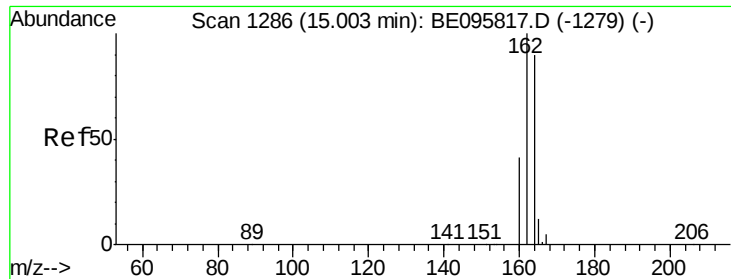
1000

500

0

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: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

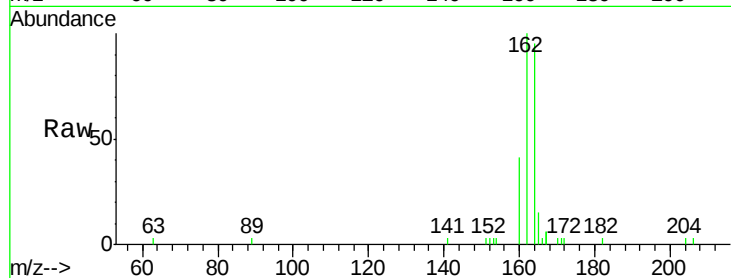
Tot Ion:164 Resp: 2673

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

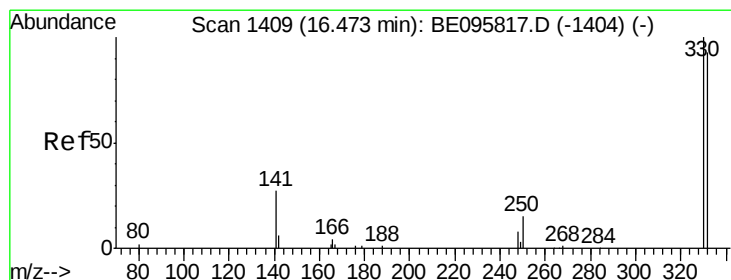
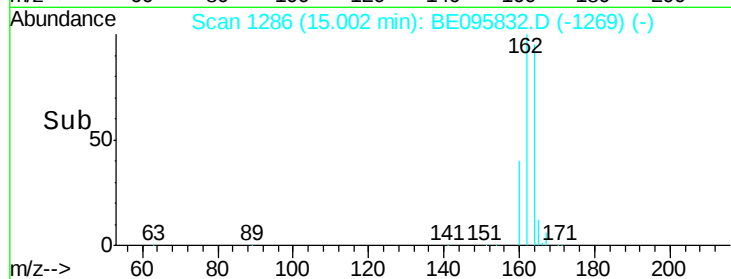
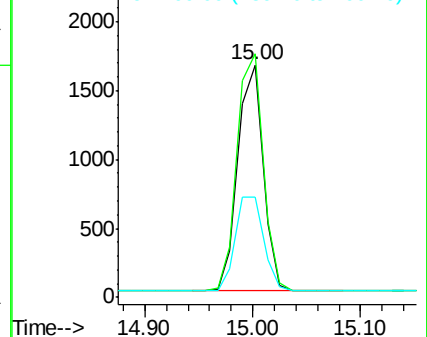
160 43.3 37.1 55.7



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: 0.358 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

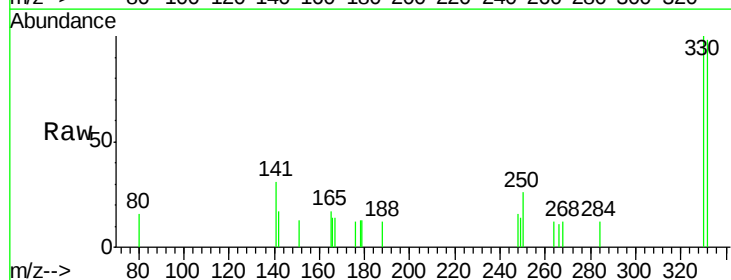
Tgt Ion:330 Resp: 552

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

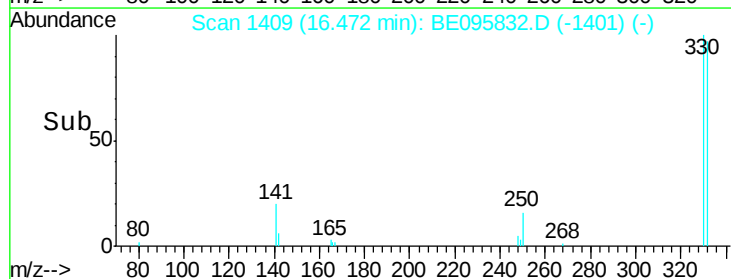
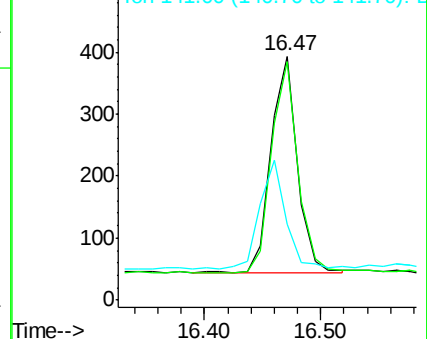
141 50.4 33.7 50.5

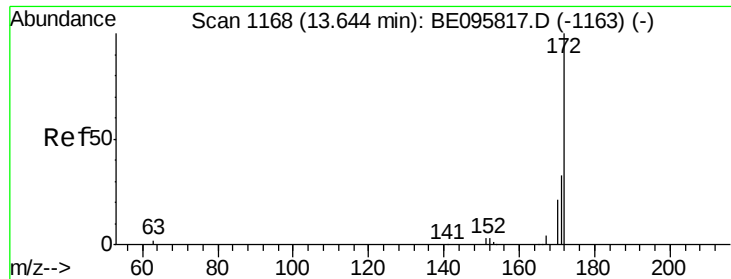


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

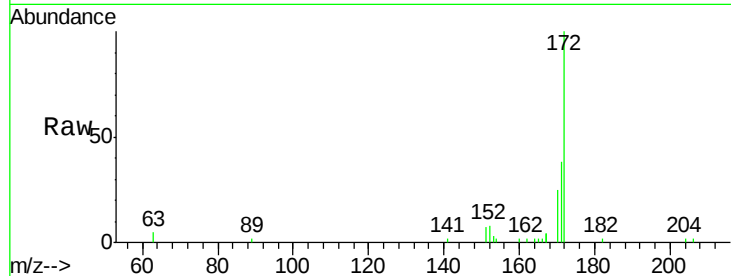




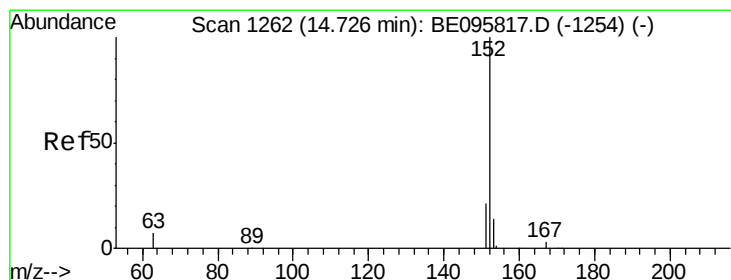
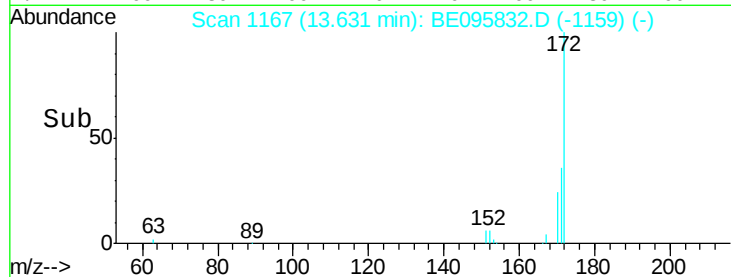
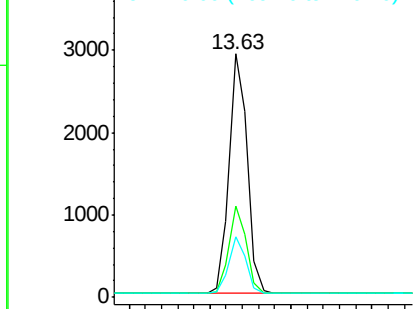
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4535
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 24.9 21.8 32.8

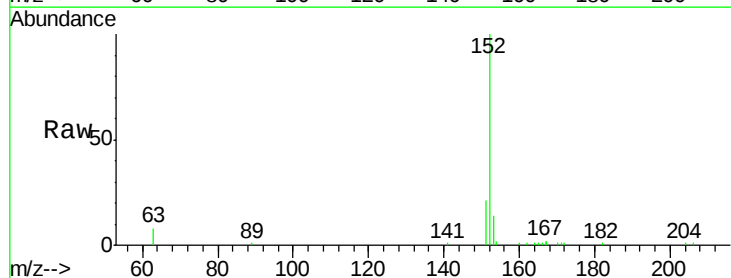


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

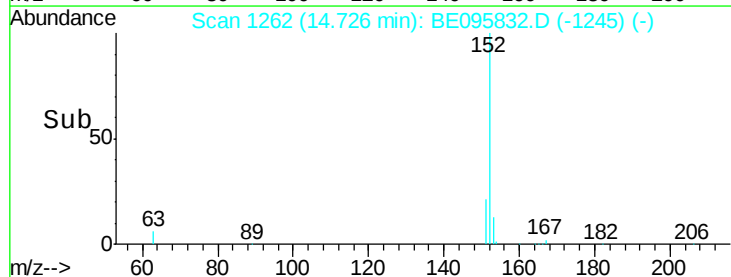
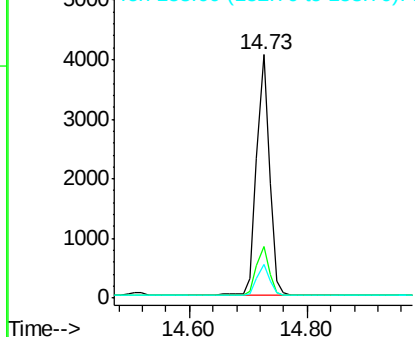


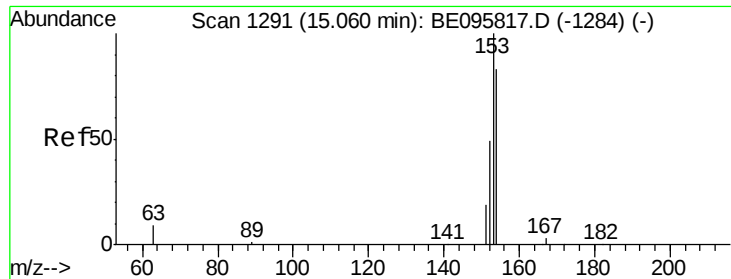
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:152 Resp: 6161
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.401 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

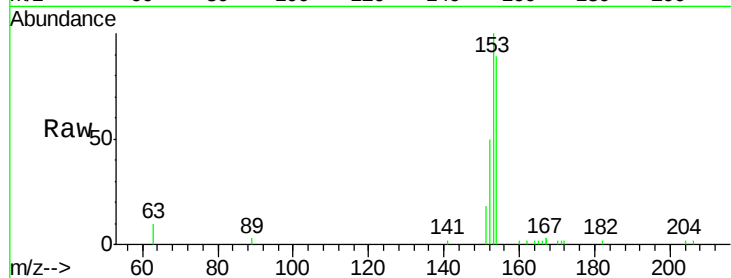
Tot Ion:154 Resp: 3736

Ion Ratio Lower Upper

154 100

153 115.7 89.2 133.8

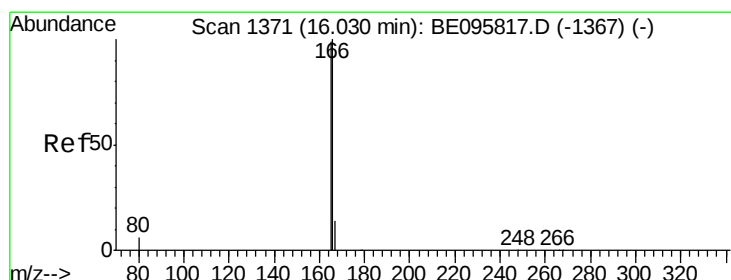
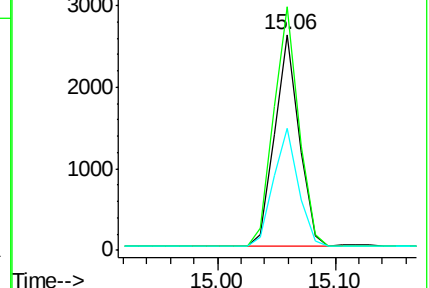
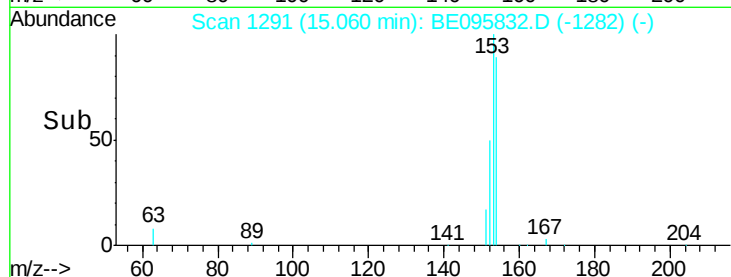
152 56.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.393 ng

RT: 16.03 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

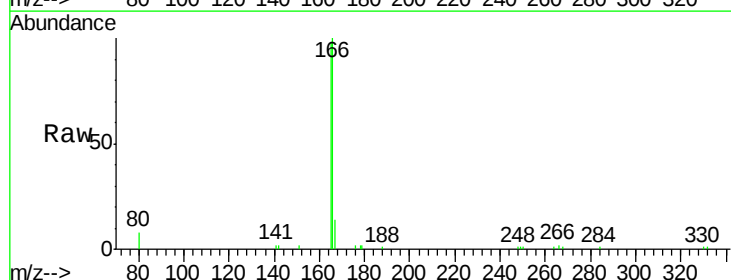
Tgt Ion:166 Resp: 4817

Ion Ratio Lower Upper

166 100

165 101.4 77.8 116.6

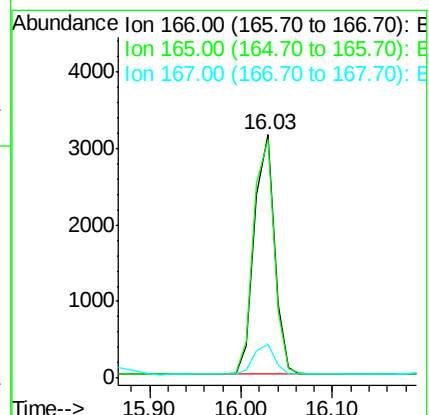
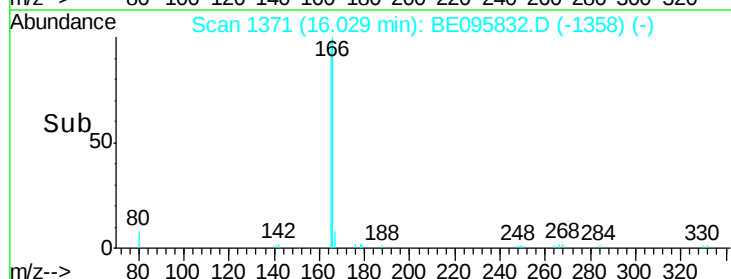
167 13.5 42.4 63.6#

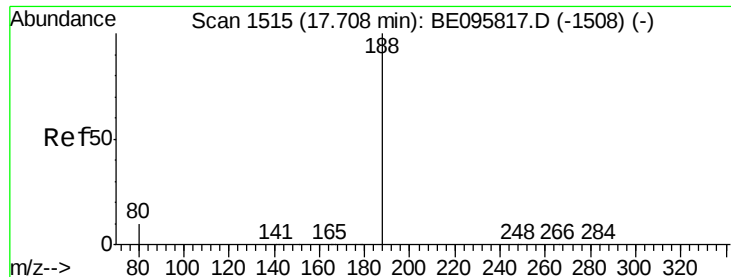


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

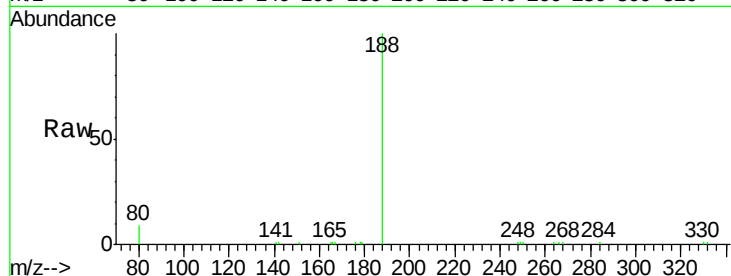
Tot Ion:188 Resp: 6660

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

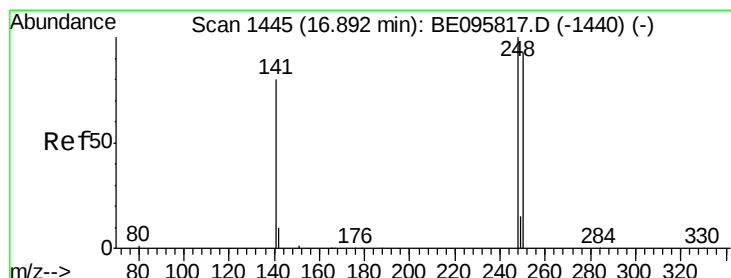
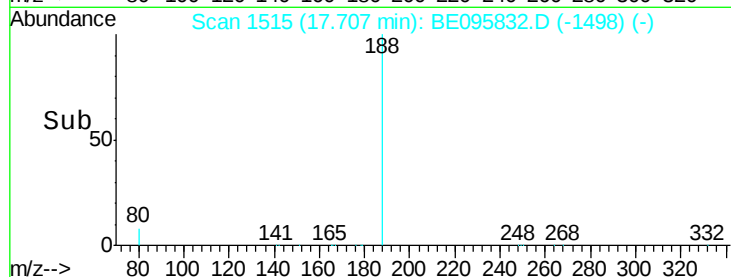
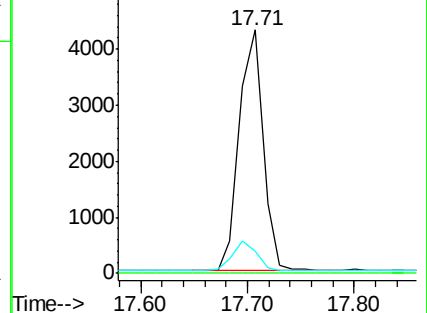
80 9.1 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.406 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

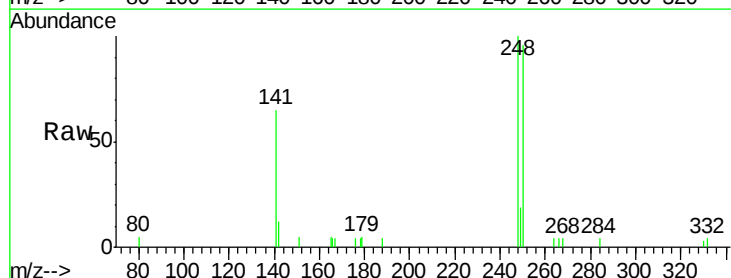
Tgt Ion:248 Resp: 1627

Ion Ratio Lower Upper

248 100

250 95.5 62.7 94.1#

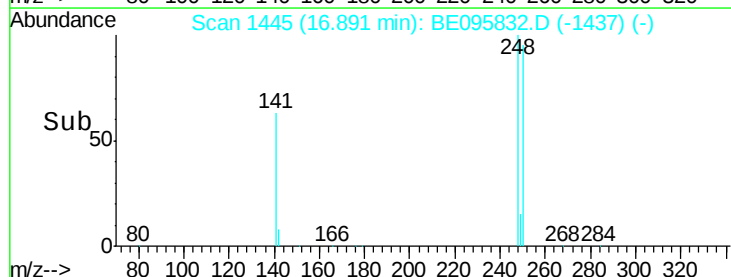
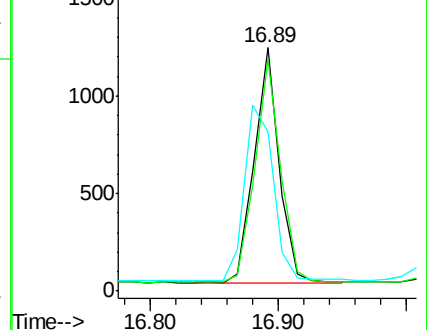
141 65.4 48.2 72.2

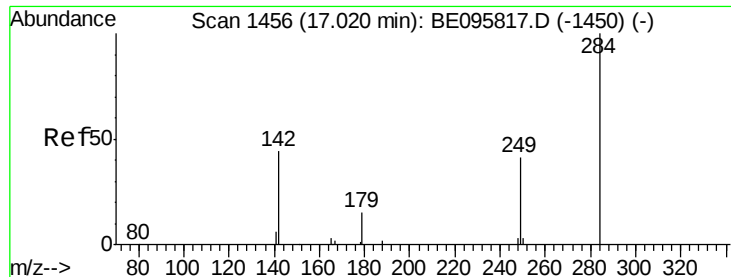


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

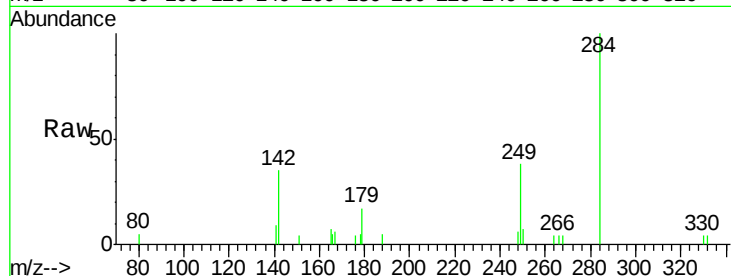
Tot Ion:284 Resp: 1578

Ion Ratio Lower Upper

284 100

142 42.4 22.1 33.1#

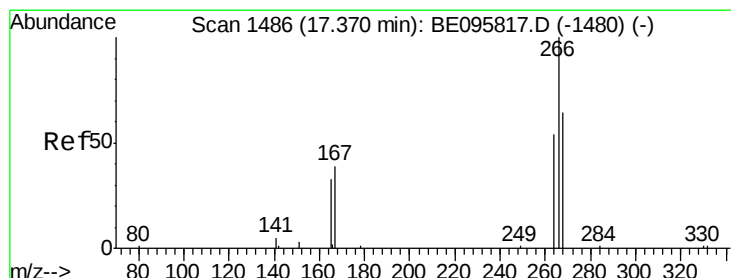
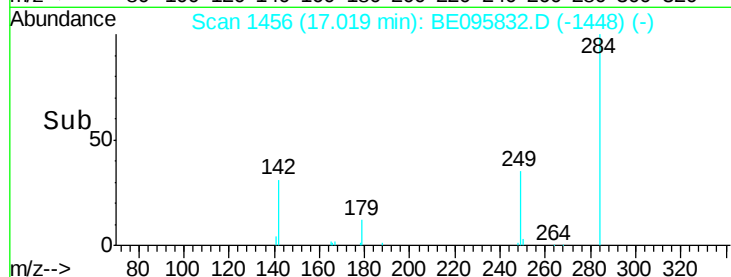
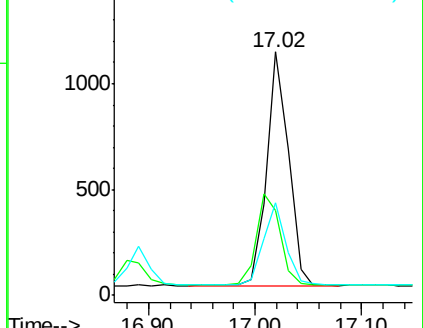
249 36.2 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.346 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

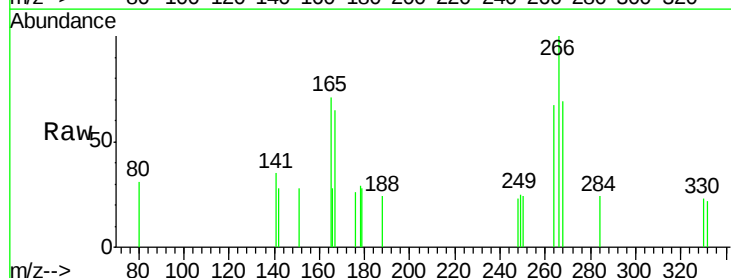
Tgt Ion:266 Resp: 325

Ion Ratio Lower Upper

266 100

264 67.2 72.5 108.7#

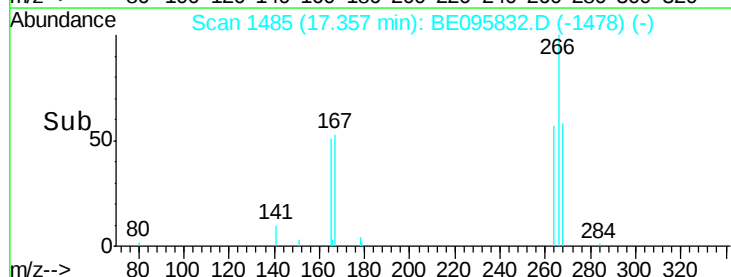
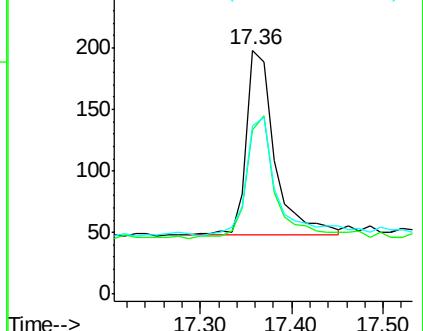
268 69.2 73.8 110.6#

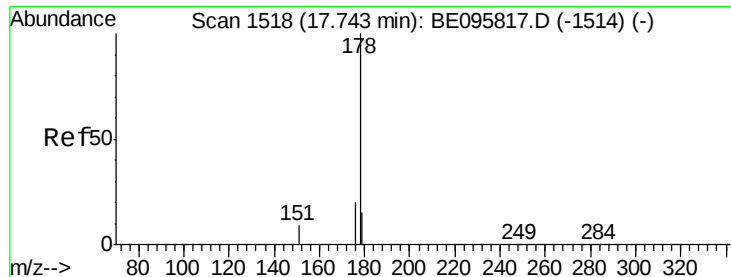


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

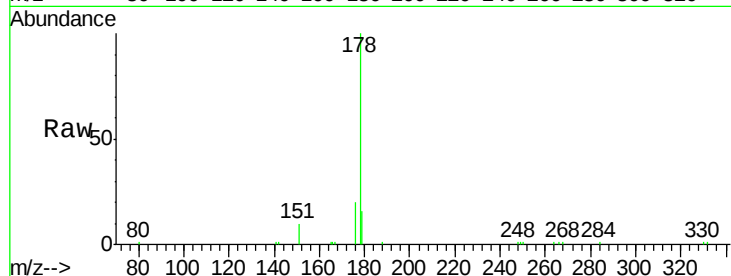
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 8176

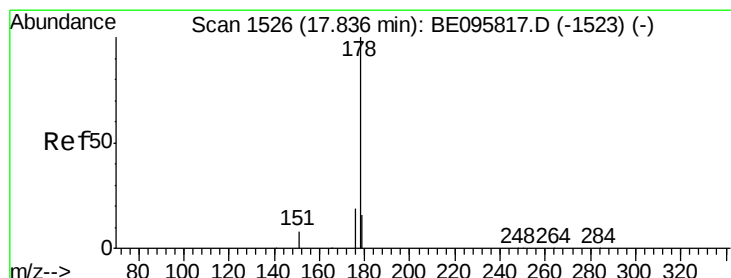
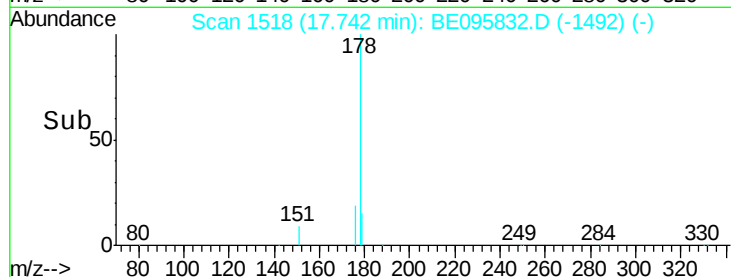
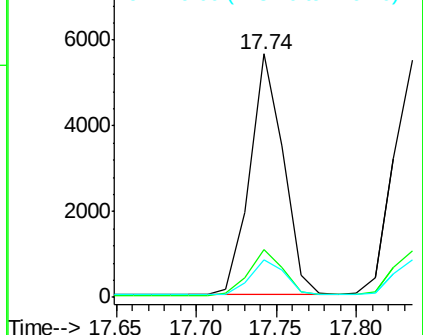
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	11.8	17.6



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



#24

Anthracene

Concen: 0.400 ng

RT: 17.84 min Scan# 1526

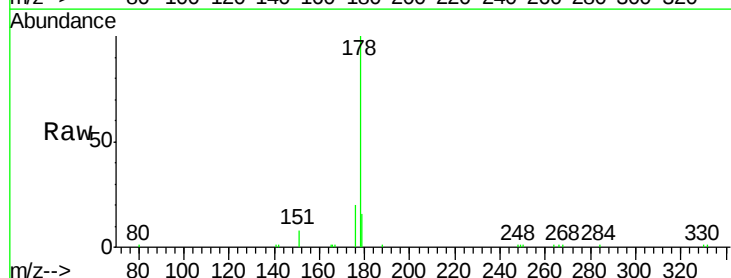
Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Tgt Ion:178 Resp: 7979

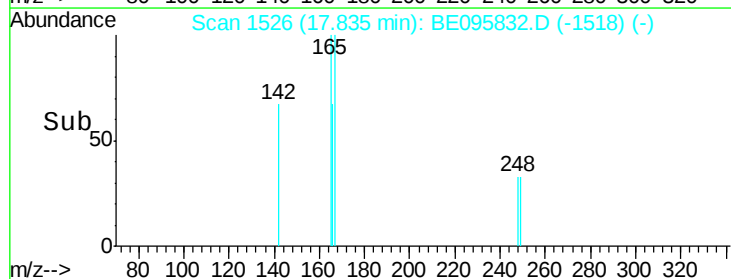
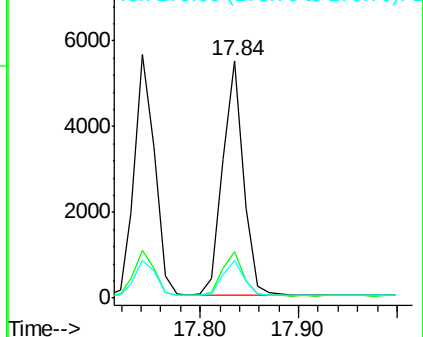
Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.3	13.0	19.6

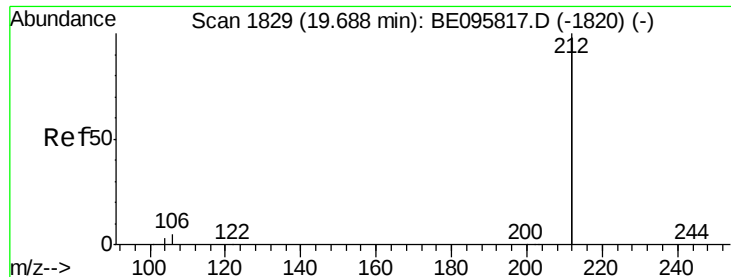


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

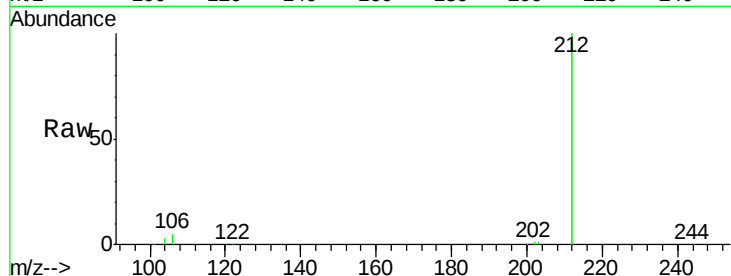
Tot Ion:212 Resp: 39349

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

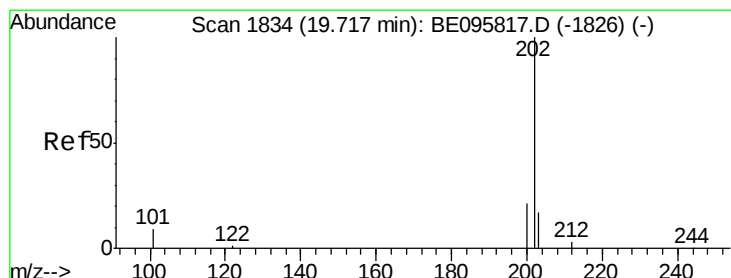
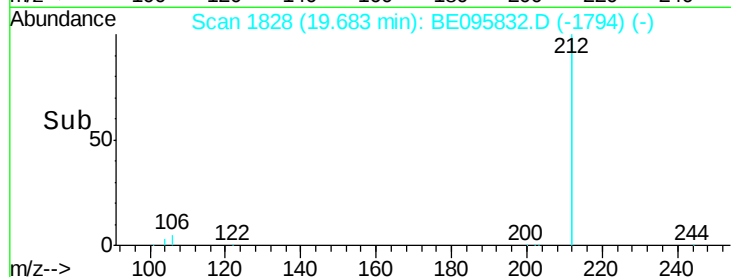
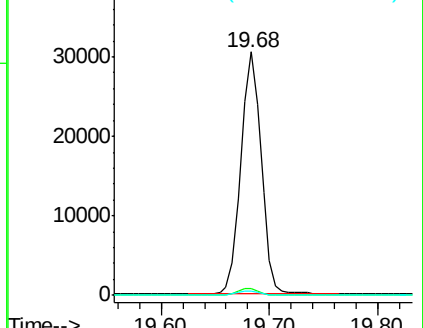
104 1.6 1.6 2.4



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



#26

Fluoranthene

Concen: 0.401 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

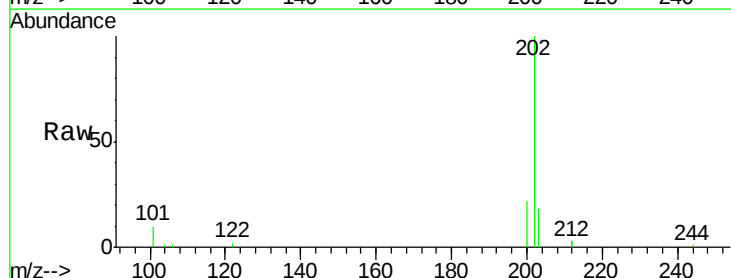
Tgt Ion:202 Resp: 11092

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

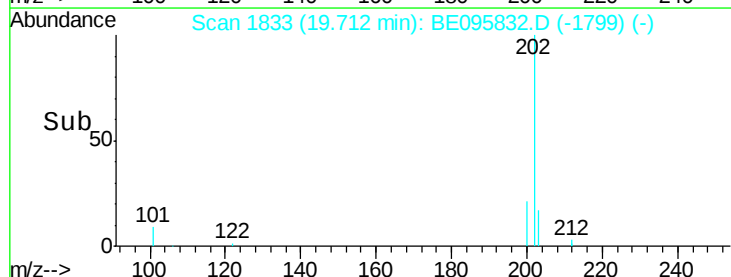
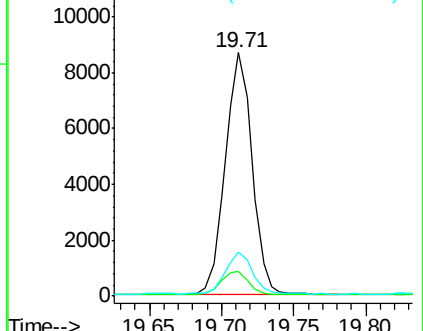
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

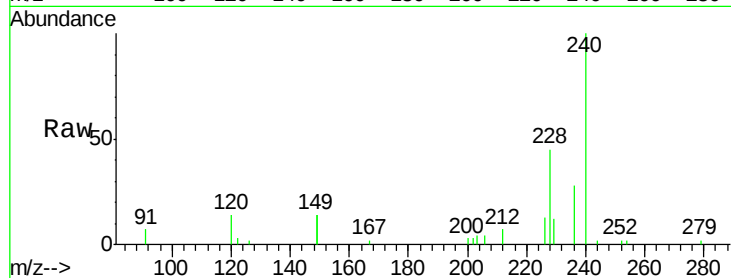
Tot Ion:240 Resp: 7807

Ion Ratio Lower Upper

240 100

120 13.8 5.5 8.3#

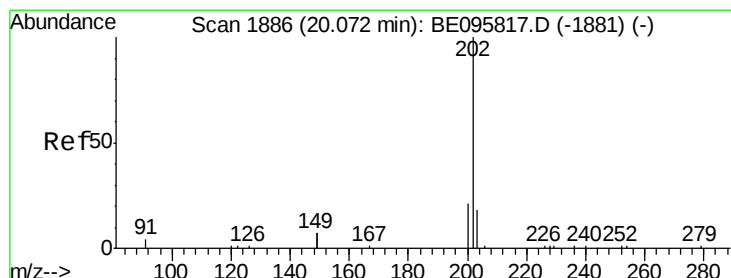
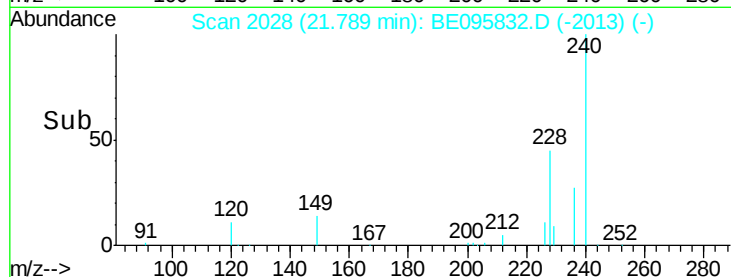
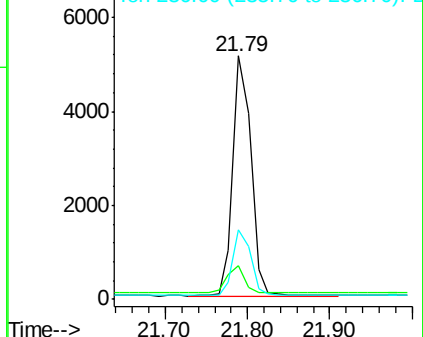
236 28.5 20.7 31.1



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



#28

Pyrene

Concen: 0.451 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

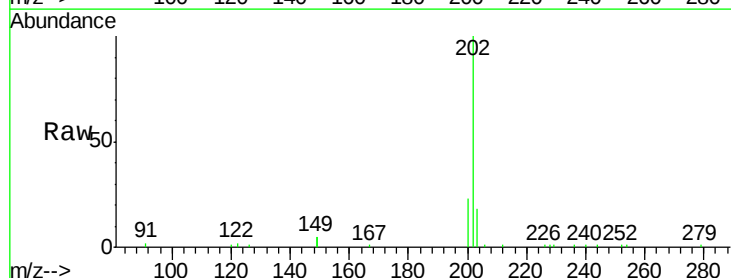
Tgt Ion:202 Resp: 14347

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

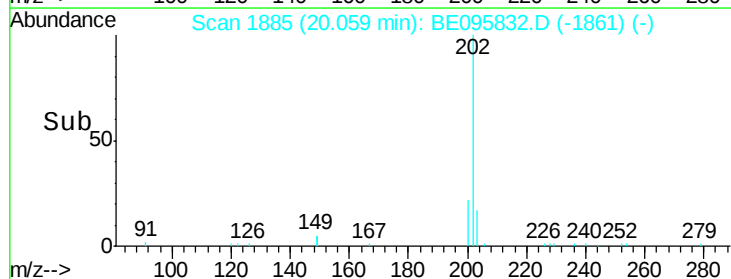
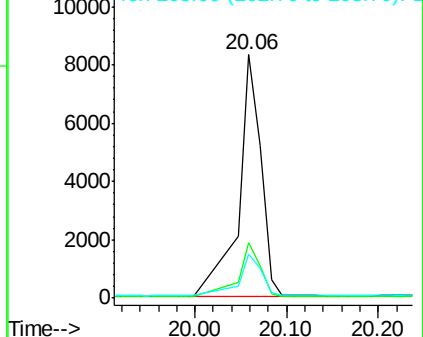
203 18.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

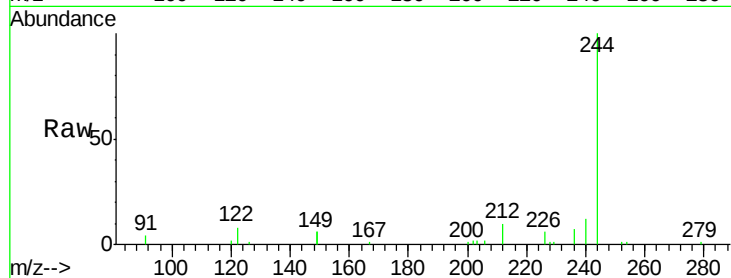
Tot Ion:244 Resp: 6572

Ion Ratio Lower Upper

244 100

212 9.7 25.4 38.0#

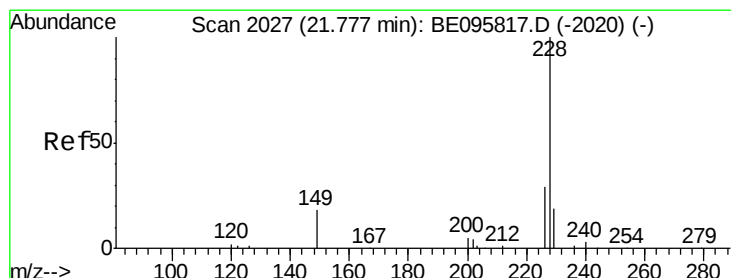
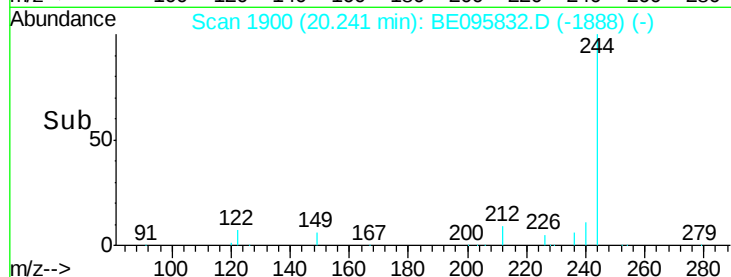
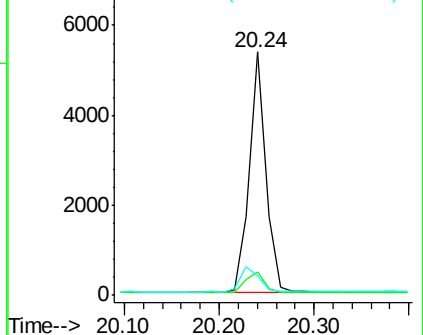
122 8.0 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.402 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

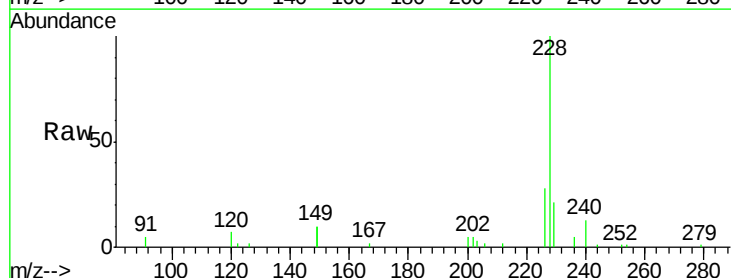
Tgt Ion:228 Resp: 10879

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

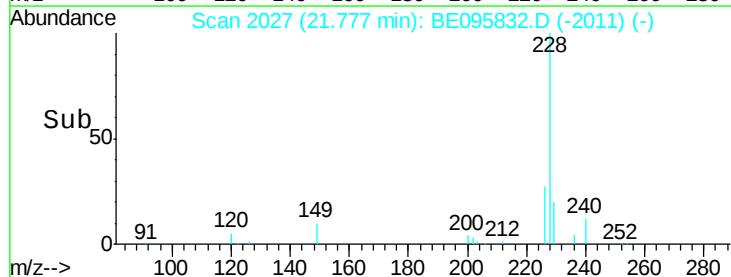
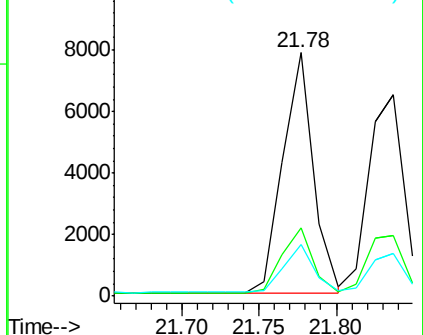
229 21.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

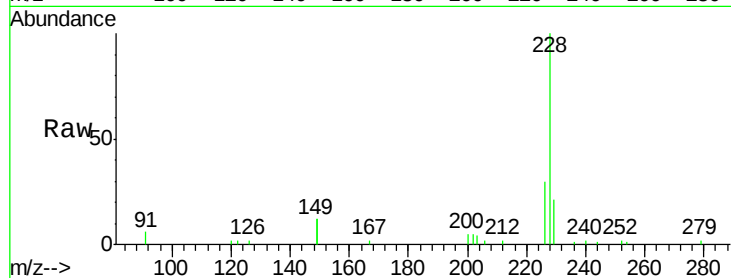
Tot Ion:228 Resp: 10235

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

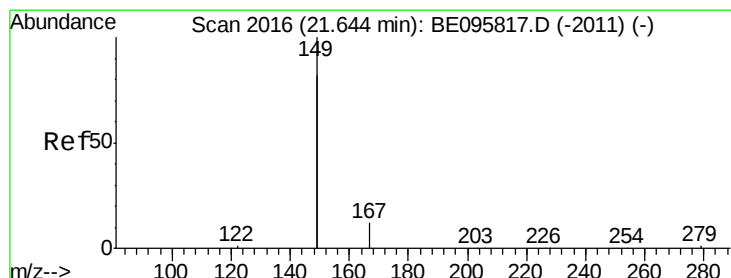
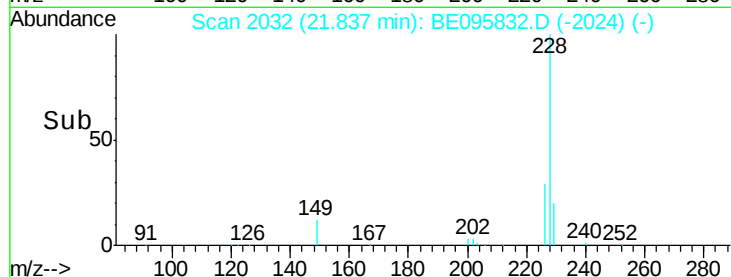
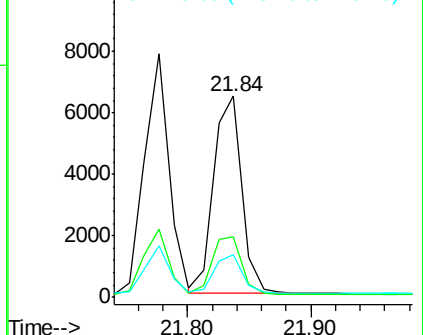
229 21.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

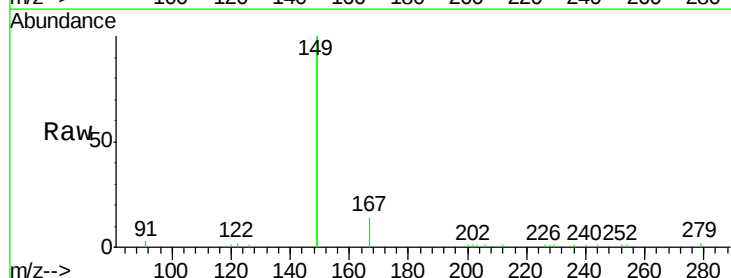
Tgt Ion:149 Resp: 30754

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

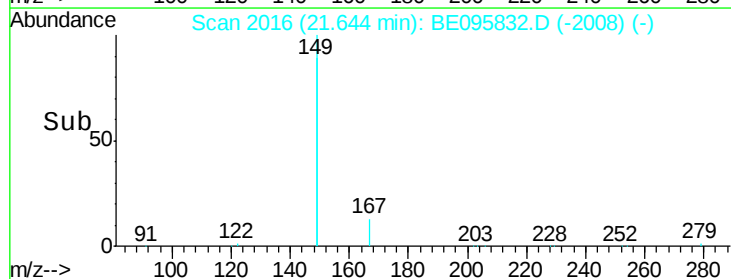
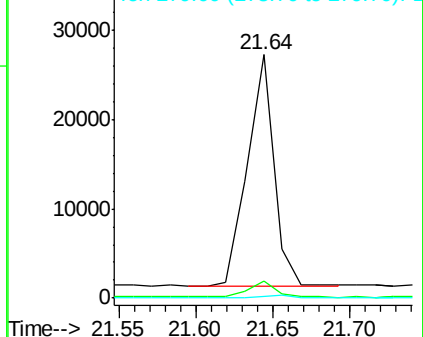
279 0.9 0.7 1.1

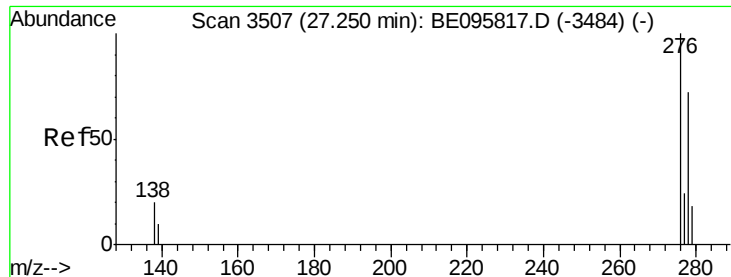


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

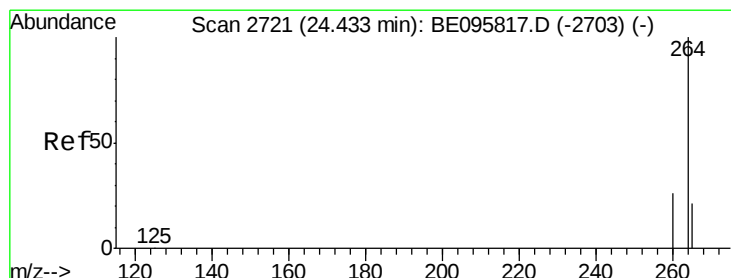
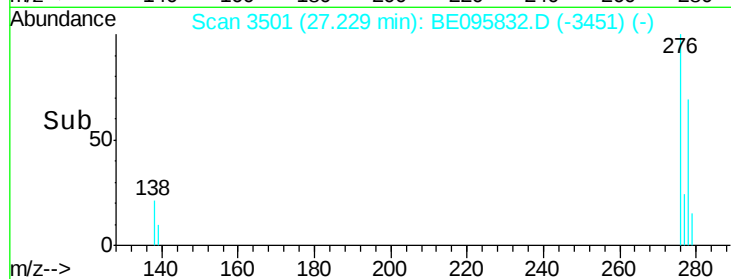
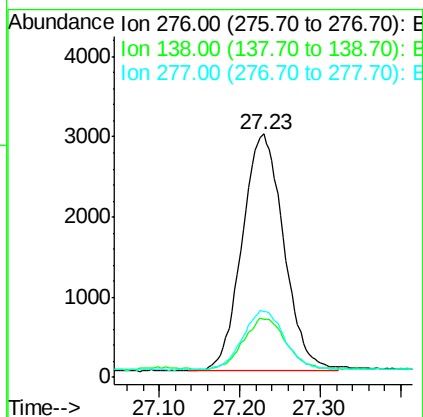
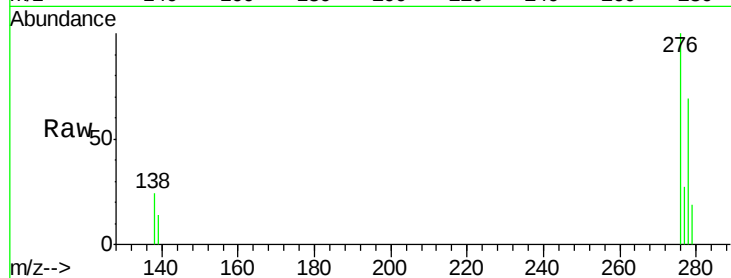




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.400 ng
 RT: 27.23 min Scan# 3501
 Delta R.T. -0.02 min
 Lab File: BE095832.D
 Acq: 26 Mar 2018 9:04

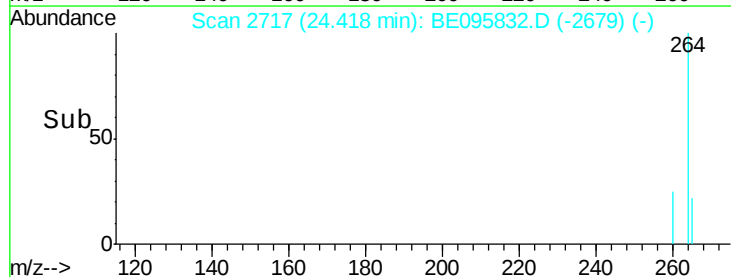
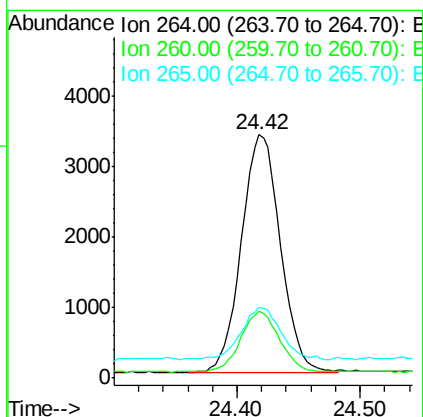
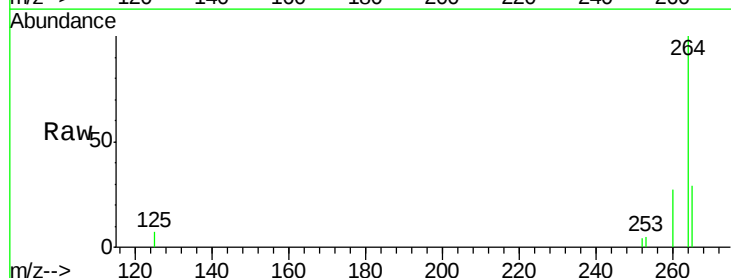
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 10645
 Ion Ratio Lower Upper
 276 100
 138 22.2 22.5 33.7#
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2717
 Delta R.T. -0.02 min
 Lab File: BE095832.D
 Acq: 26 Mar 2018 9:04

Tgt Ion:264 Resp: 7409
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 29.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 23.60 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

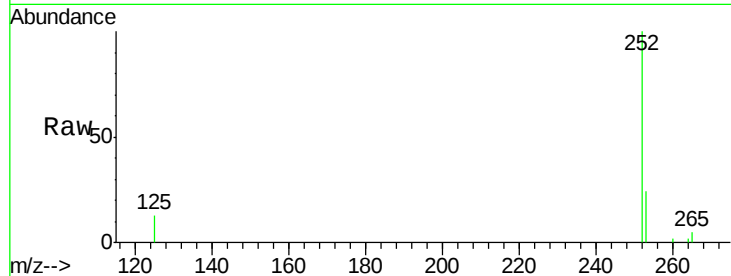
Tot Ion:252 Resp: 10214

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

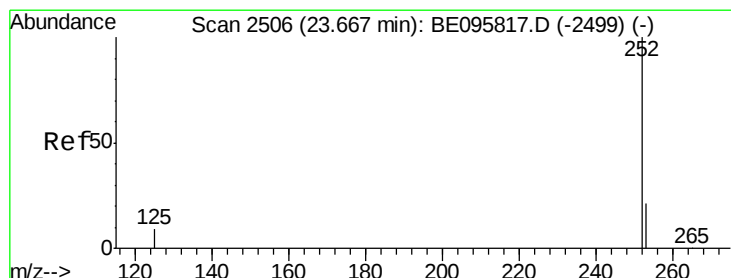
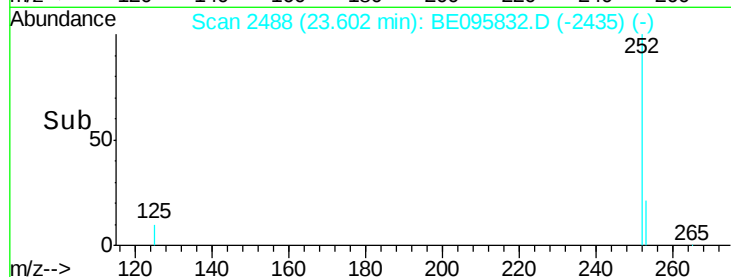
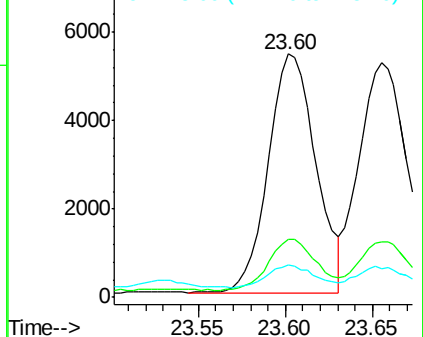
125 13.2 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.408 ng

RT: 23.66 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

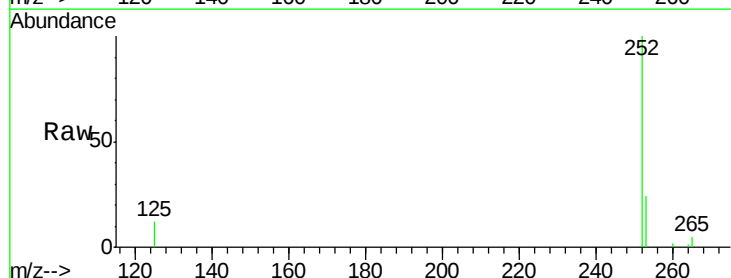
Tgt Ion:252 Resp: 9999

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

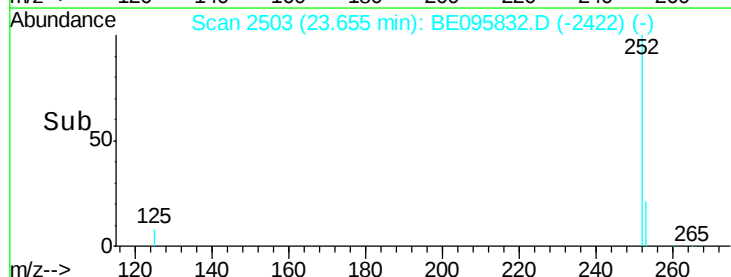
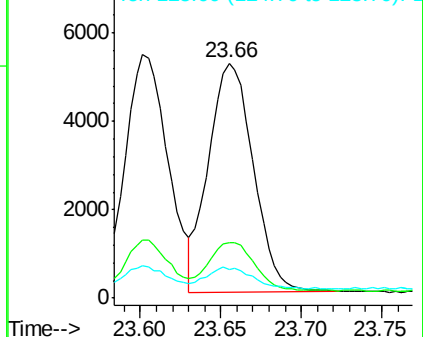
125 12.4 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 24.30 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

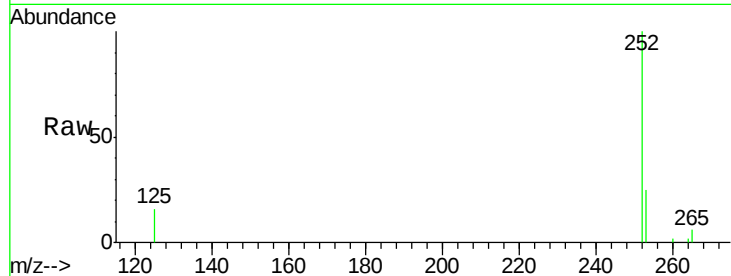
Tot Ion:252 Resp: 9405

Ion Ratio Lower Upper

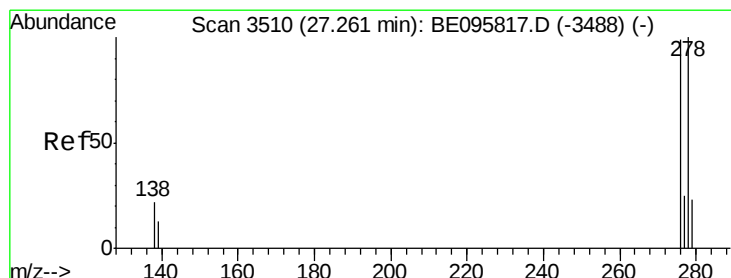
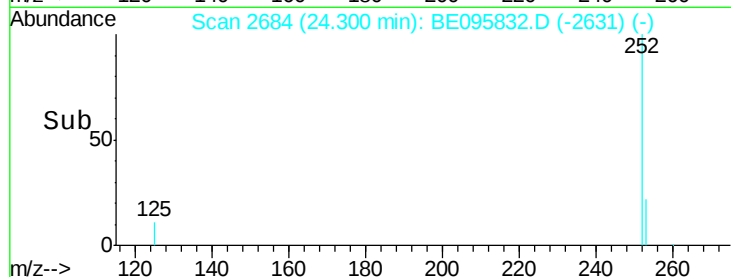
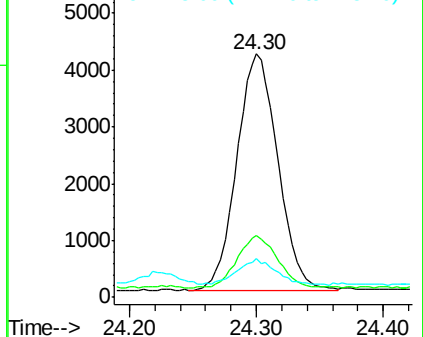
252 100

253 25.2 16.0 24.0#

125 16.1 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.405 ng

RT: 27.25 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

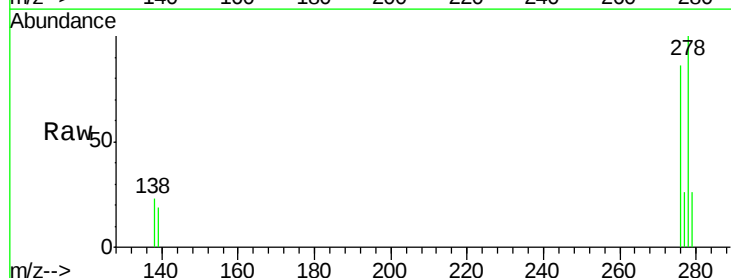
Tgt Ion:278 Resp: 8839

Ion Ratio Lower Upper

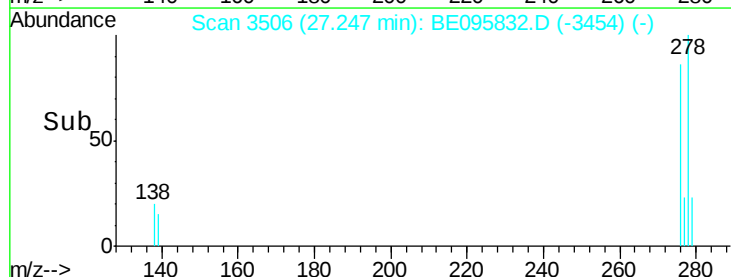
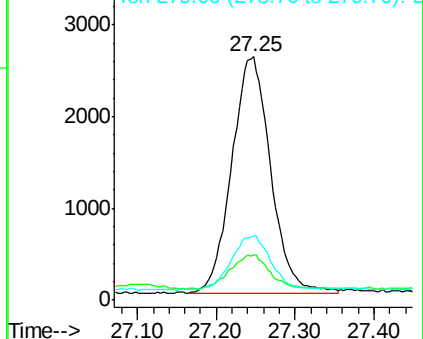
278 100

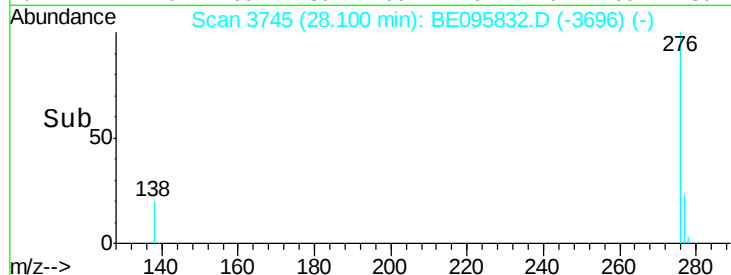
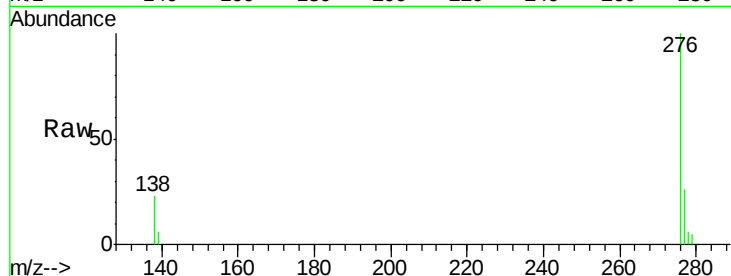
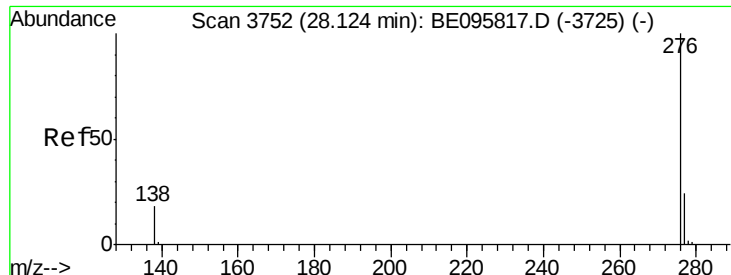
139 18.8 16.0 24.0

279 26.4 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.407 ng

RT: 28.10 min Scan# 3745

Delta R.T. -0.02 min

Lab File: BE095832.D

Acq: 26 Mar 2018 9:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 8928

Ion Ratio Lower Upper

276 100

277 26.4 16.0 24.0#

138 23.3 20.0 30.0

