

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040518\
 Data File : BE095949.D
 Acq On : 5 Apr 2018 8:53
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 06 04:41:59 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	8.41	152	1353	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	6007	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	3604	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	7998	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8268	0.40	ng	-0.01
34) Perylene-d12	24.42	264	8166	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1744	0.39	ng	-0.02
5) Phenol-d6	7.56	99	2637	0.43	ng	0.00
8) Nitrobenzene-d5	9.59	82	2769	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	4158	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	699	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6194	0.41	ng	-0.01
25) Fluoranthene-d10	19.68	212	43279	0.36	ng	-0.01
29) Terphenyl-d14	20.24	244	7067	0.40	ng	0.00

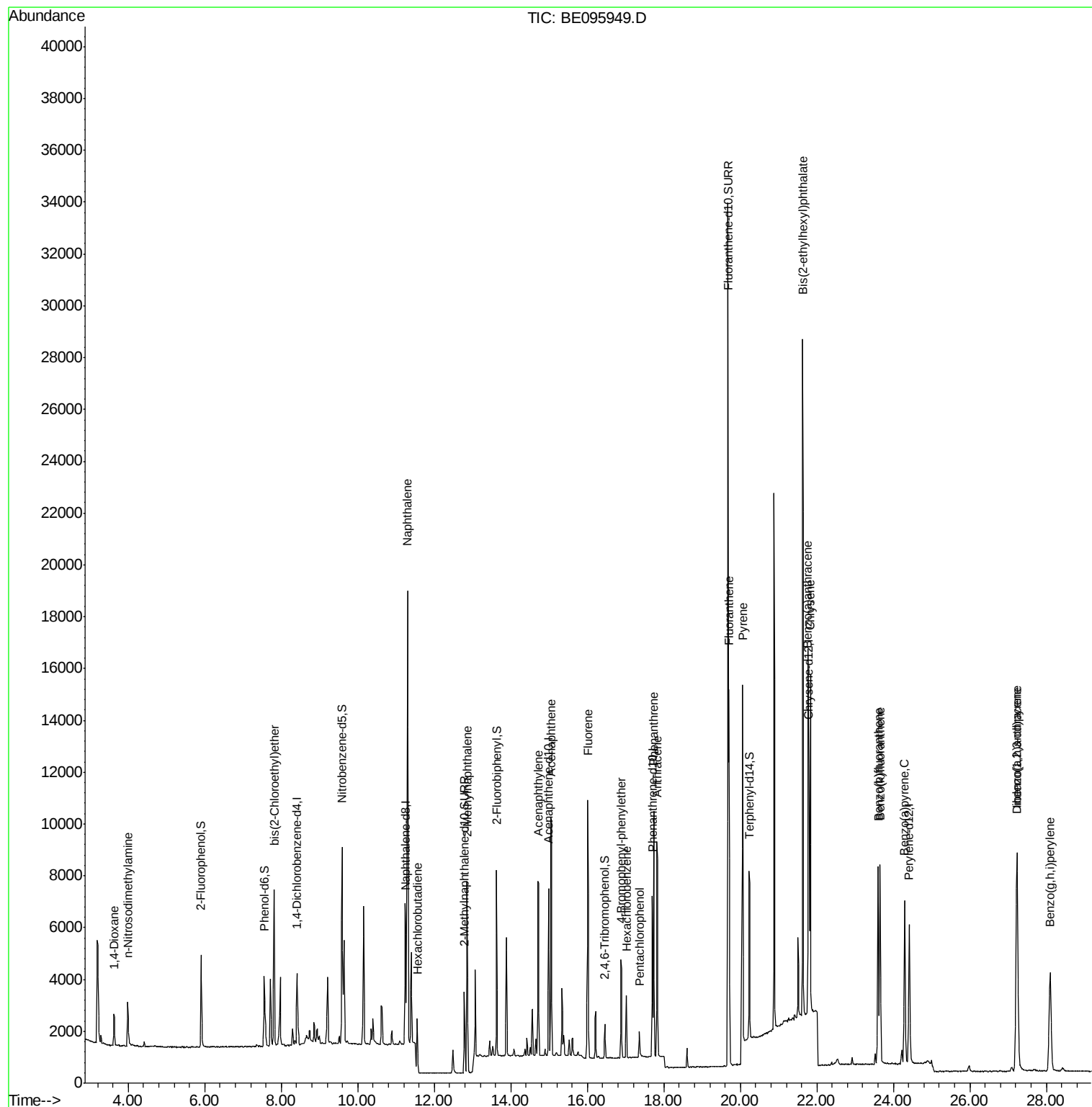
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	864	0.390	ng	95
3) n-Nitrosodimethylamine	3.99	42	1236	0.380	ng	# 84
6) bis(2-Chloroethyl)ether	7.81	93	2267	0.428	ng	94
9) Naphthalene	11.30	128	28590	0.417	ng	99
10) Hexachlorobutadiene	11.56	225	1721	0.365	ng	96
12) 2-Methylnaphthalene	12.86	142	5001	0.427	ng	100
16) Acenaphthylene	14.71	152	8397	0.407	ng	99
17) Acenaphthene	15.06	154	5170	0.411	ng	96
18) Fluorene	16.02	166	6507	0.393	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	2062	0.429	ng	# 77
21) Hexachlorobenzene	17.02	284	2017	0.420	ng	# 81
22) Pentachlorophenol	17.36	266	659	0.494	ng	# 75
23) Phenanthrene	17.74	178	10066	0.420	ng	99
24) Anthracene	17.82	178	9648	0.403	ng	# 95
26) Fluoranthene	19.71	202	12366	0.372	ng	98
28) Pyrene	20.06	202	15026	0.446	ng	96
30) Benzo(a)anthracene	21.77	228	11810	0.412	ng	100
31) Chrysene	21.83	228	11084	0.424	ng	98
32) Bis(2-ethylhexyl)phthalate	21.63	149	32898	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	12112	0.430	ng	94
35) Benzo(b)fluoranthene	23.60	252	11236	0.416	ng	# 90
36) Benzo(k)fluoranthene	23.65	252	11280	0.417	ng	93
37) Benzo(a)pyrene	24.30	252	10556	0.417	ng	94
38) Dibenzo(a,h)anthracene	27.24	278	10023	0.417	ng	96
39) Benzo(g,h,i)perylene	28.10	276	10067	0.417	ng	# 93

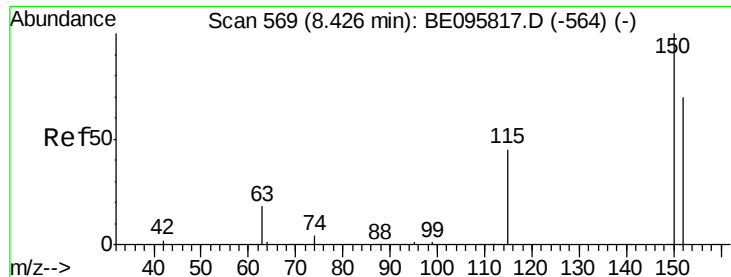
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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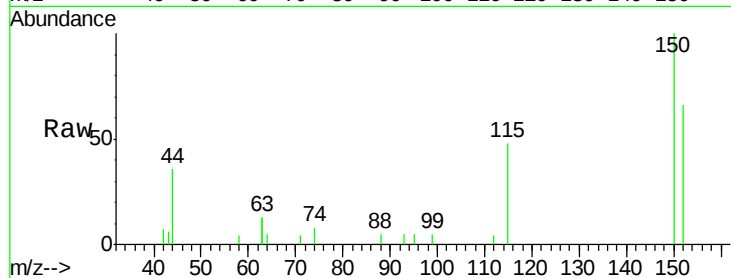


#1

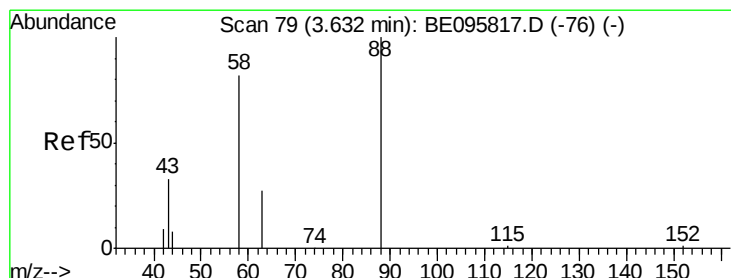
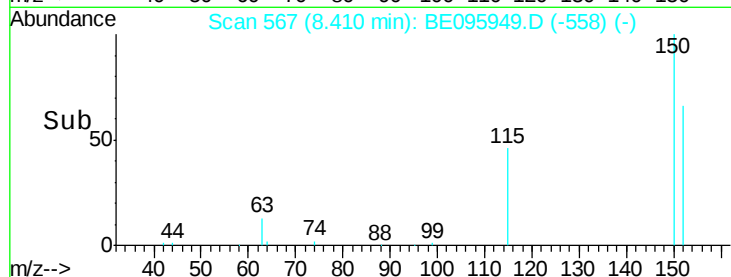
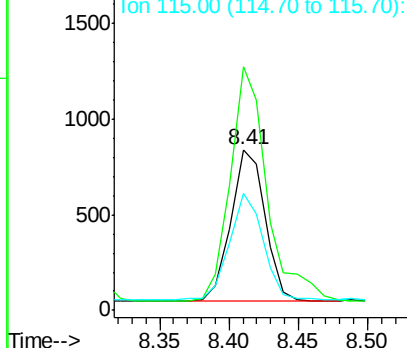
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.41 min Scan# 567
Delta R.T. -0.02 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1353
Ion Ratio Lower Upper
152 100
150 151.1 117.2 175.8
115 72.4 57.0 85.6



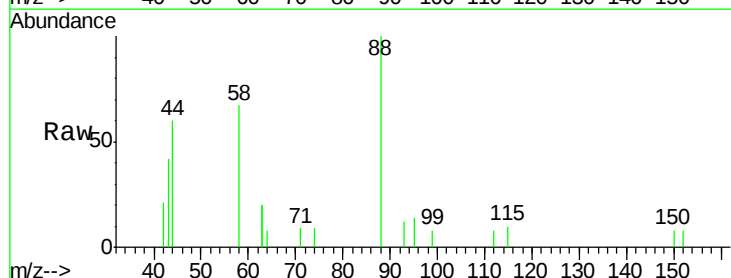
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



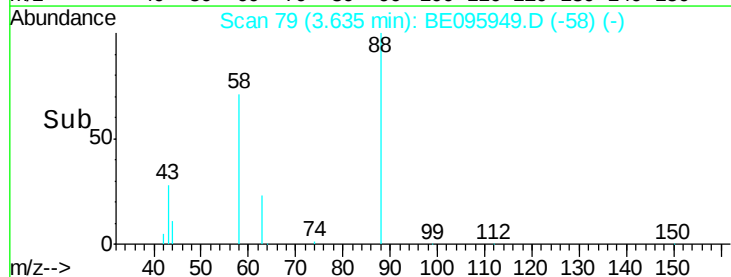
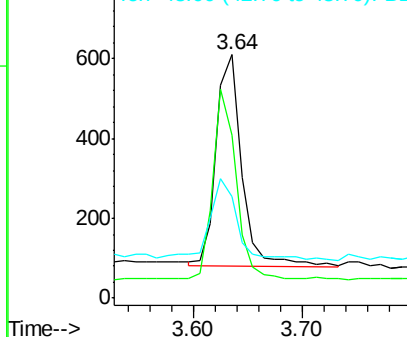
#2

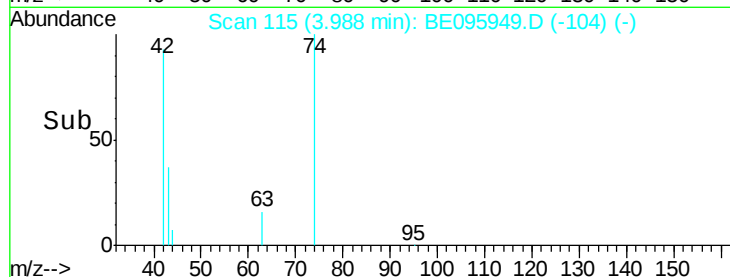
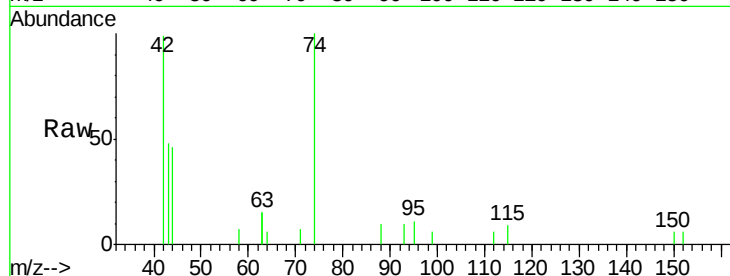
1,4-Dioxane
Concen: 0.390 ng
RT: 3.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Tgt Ion: 88 Resp: 864
Ion Ratio Lower Upper
88 100
58 80.8 63.2 94.8
43 44.7 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

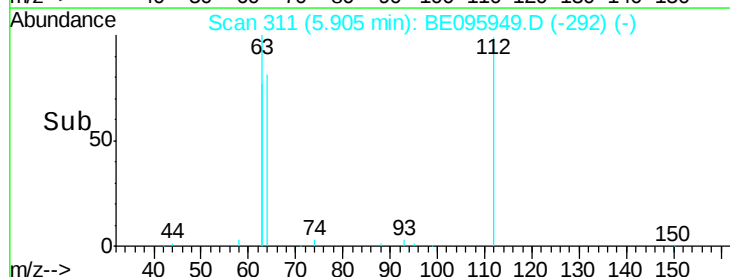
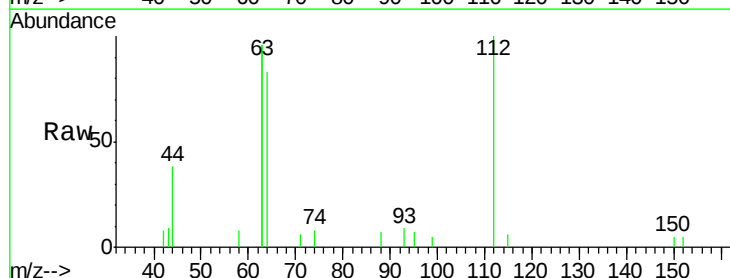
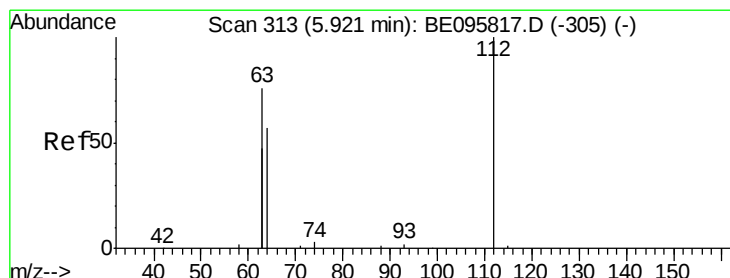
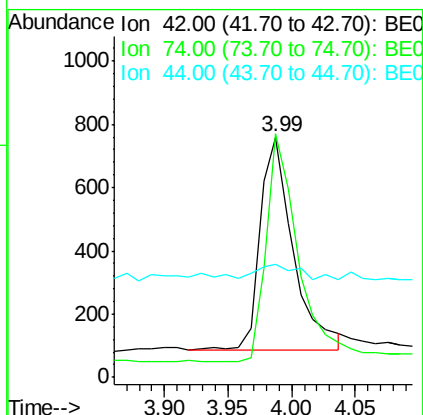




#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

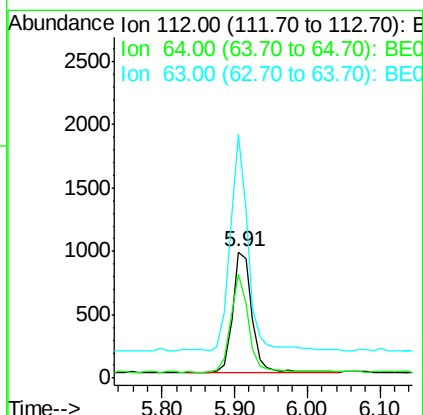
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

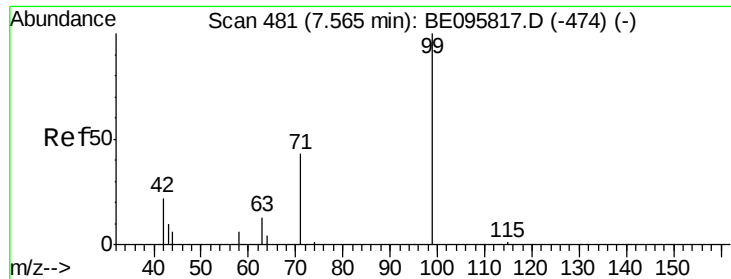
Tot Ion: 42 Resp: 1236
Ion Ratio Lower Upper
42 100
74 101.9 96.0 144.0
44 8.8 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.91 min Scan# 311
Delta R.T. -0.02 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Tgt Ion: 112 Resp: 1744
Ion Ratio Lower Upper
112 100
64 74.6 60.1 90.1
63 169.4 116.8 175.2





#5

Phenol-d6

Concen: 0.430 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

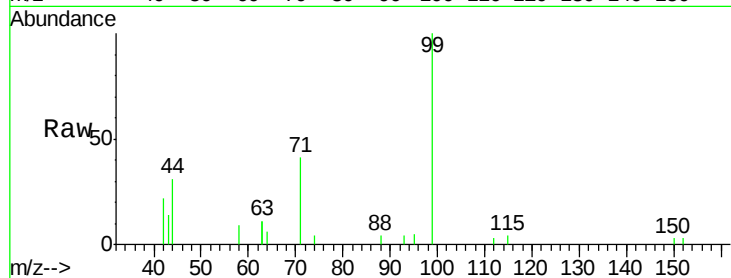
Tot Ion: 99 Resp: 2637

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

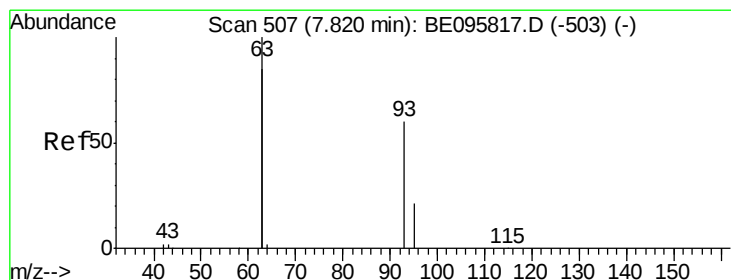
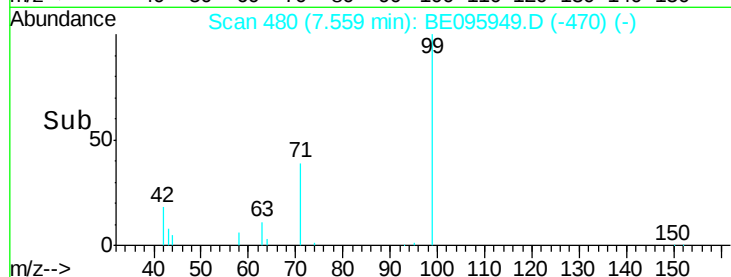
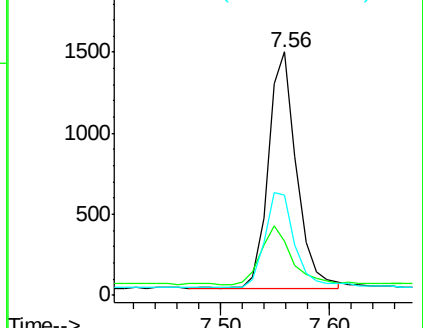
71 42.9 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

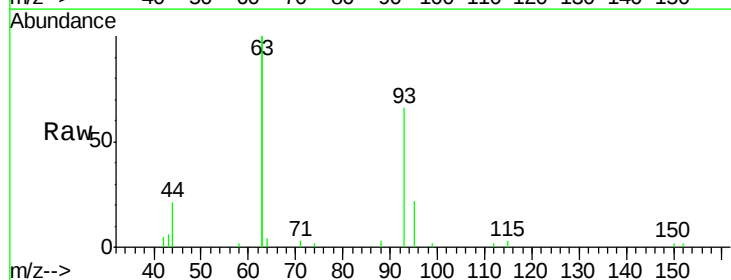
Tgt Ion: 93 Resp: 2267

Ion Ratio Lower Upper

93 100

63 329.7 275.3 412.9

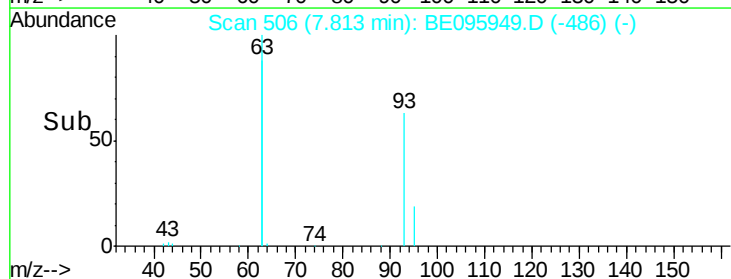
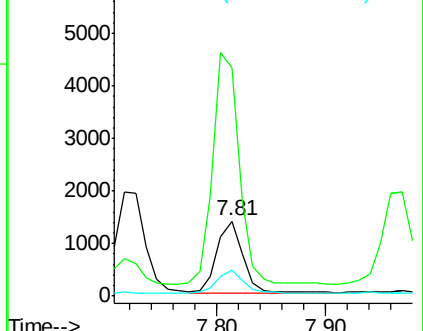
95 31.0 25.2 37.8

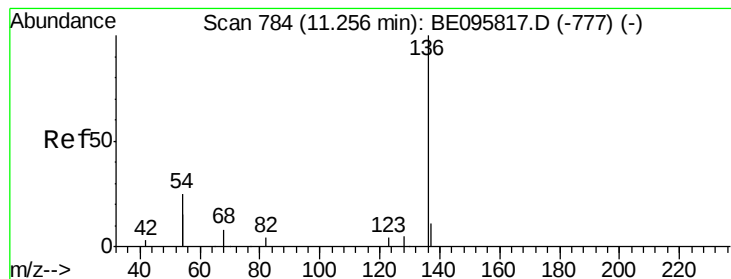


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6007

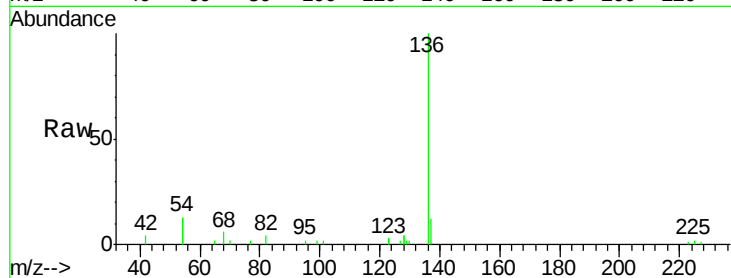
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 26.2 29.1 43.7#

68 5.8 6.2 9.2#

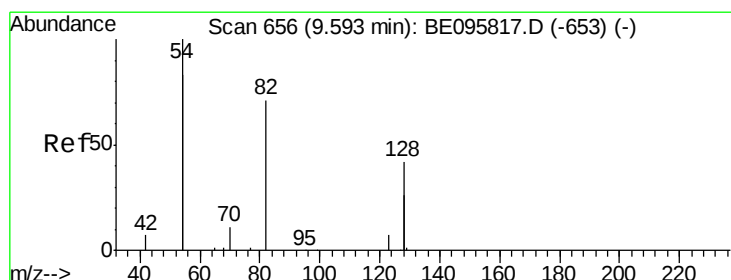
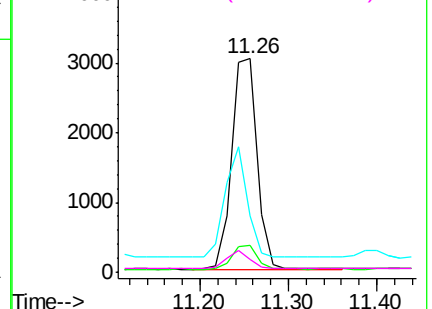
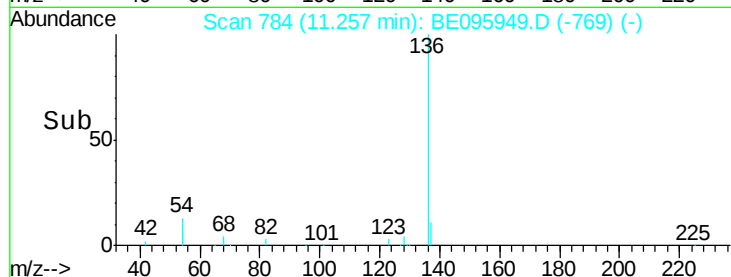


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

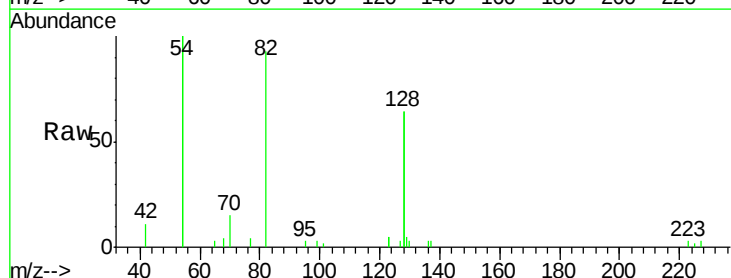
Tgt Ion: 82 Resp: 2769

Ion Ratio Lower Upper

82 100

128 136.9 150.0 225.0#

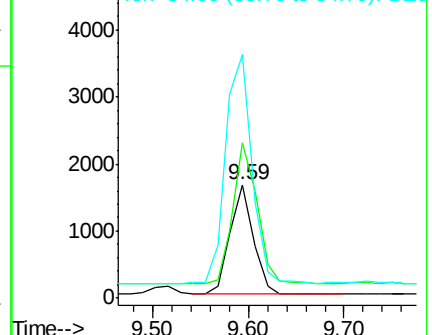
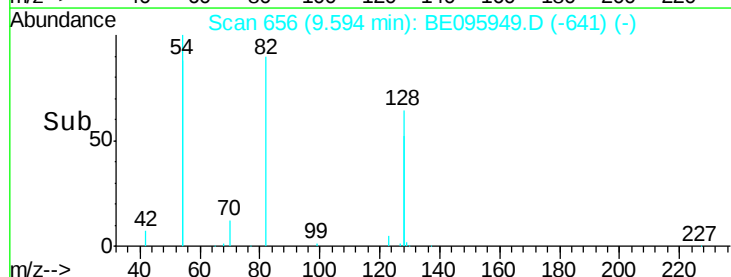
54 214.2 154.2 231.4



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: 0.417 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

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ClientSampleId :

SSTDCCC0.4

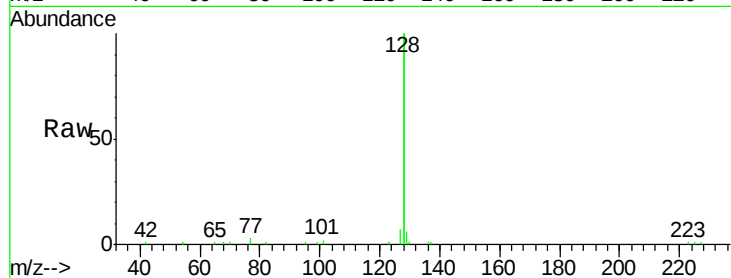
Tot Ion:128 Resp: 28590

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

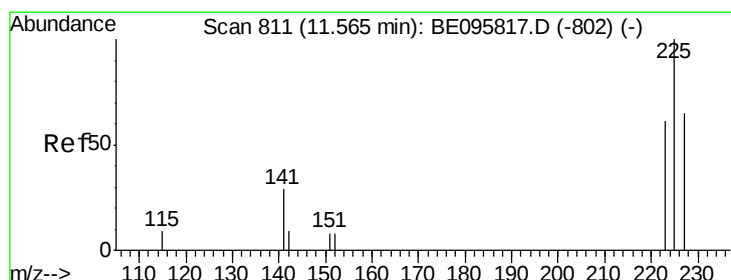
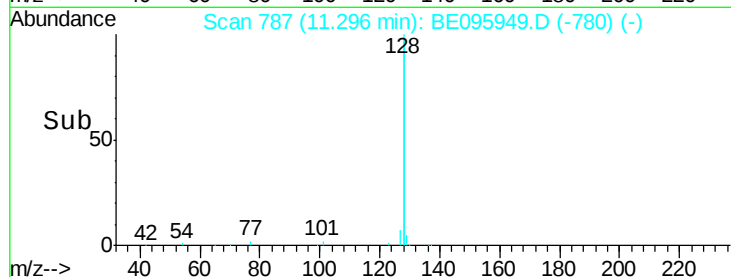
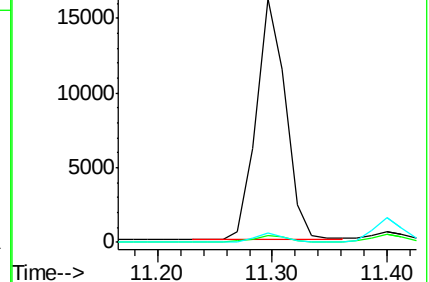
127 3.6 2.8 4.2



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: 0.365 ng

RT: 11.56 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

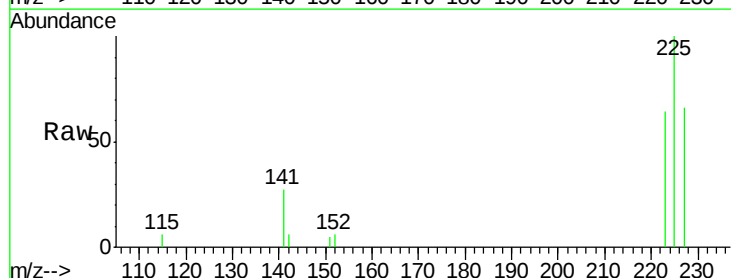
Tgt Ion:225 Resp: 1721

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

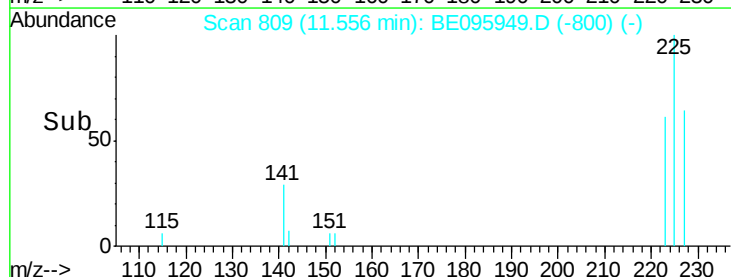
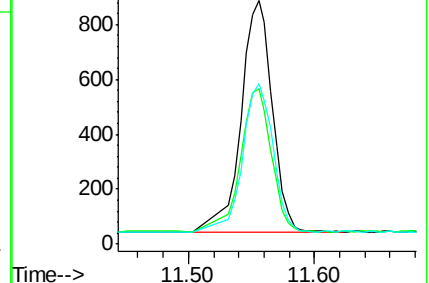
227 66.3 51.4 77.2

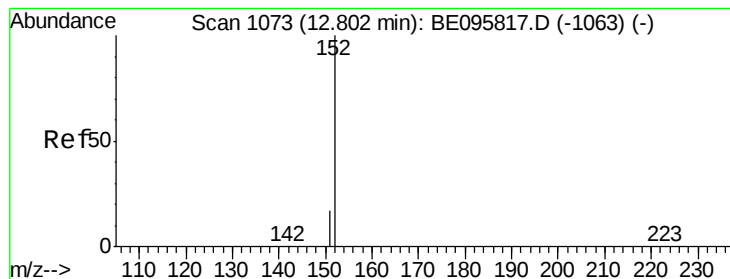


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

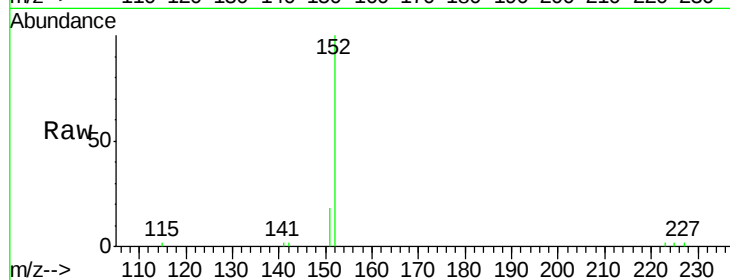
SSTDCCC0.4

Tot Ion:152 Resp: 4158

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2500

2000

1500

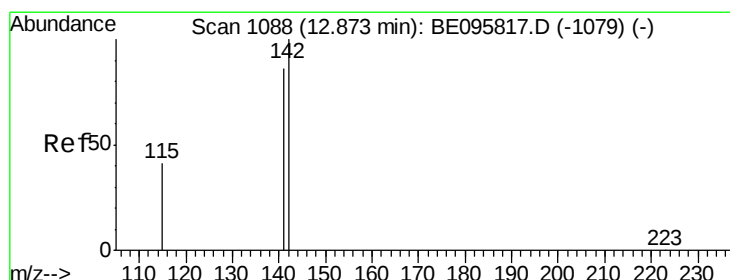
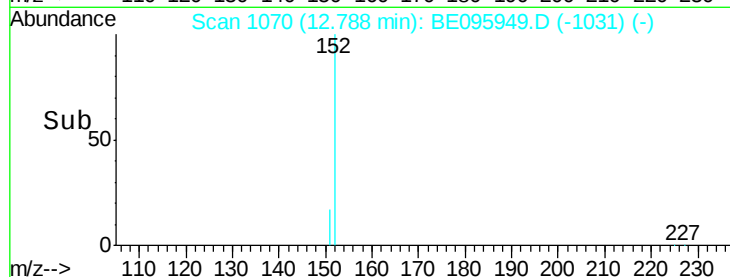
1000

500

0

Time-->

12.70 12.75 12.80 12.85



#12

2-Methylnaphthalene

Concen: 0.427 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

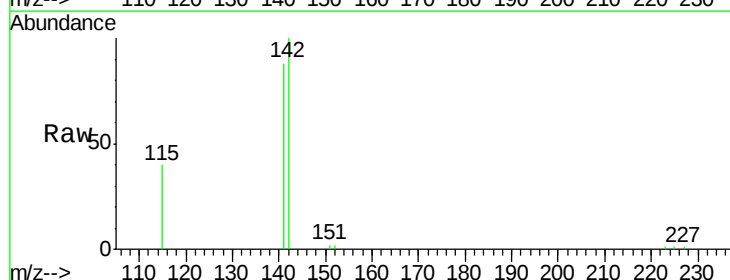
Tgt Ion:142 Resp: 5001

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

115 39.8 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

12.86

4000

3000

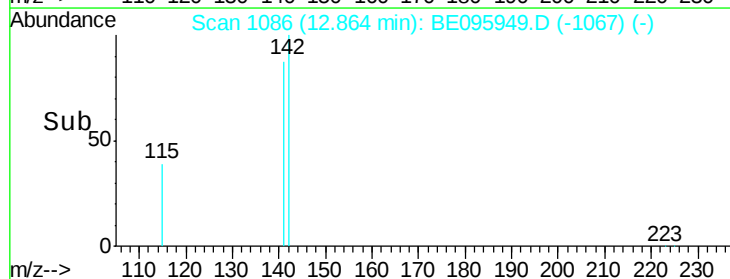
2000

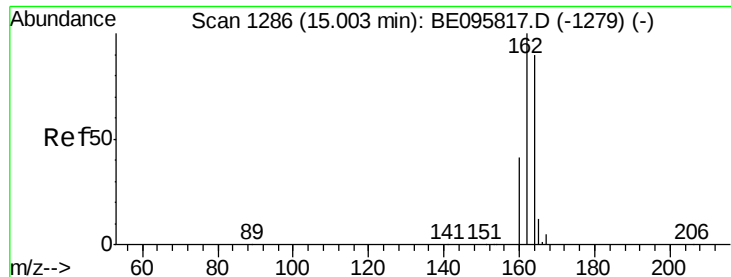
1000

0

Time-->

12.80 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

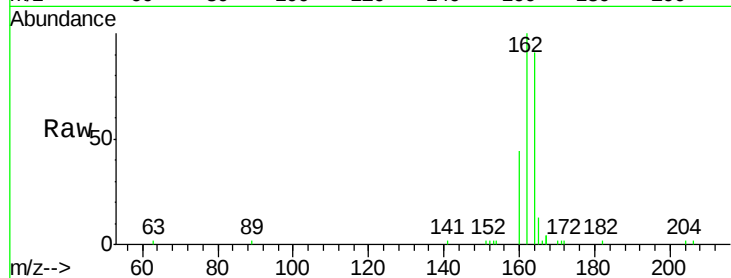
Tot Ion:164 Resp: 3604

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

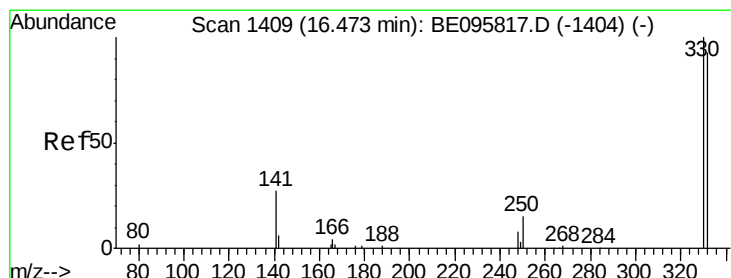
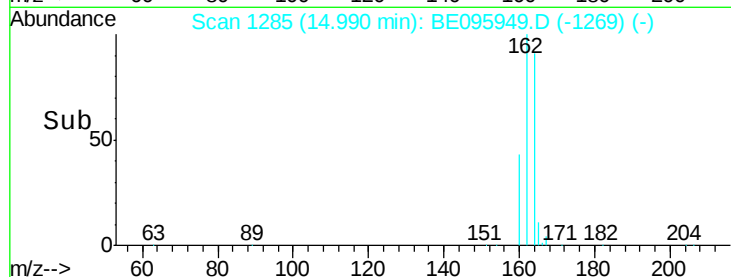
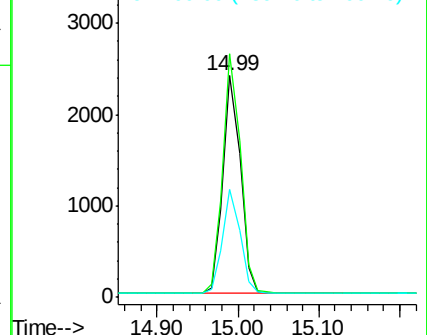
160 48.9 37.1 55.7



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: 0.336 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

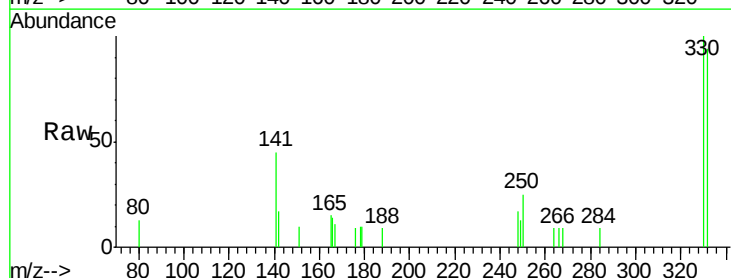
Tgt Ion:330 Resp: 699

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

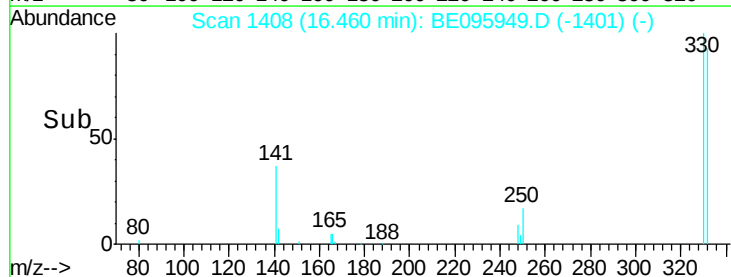
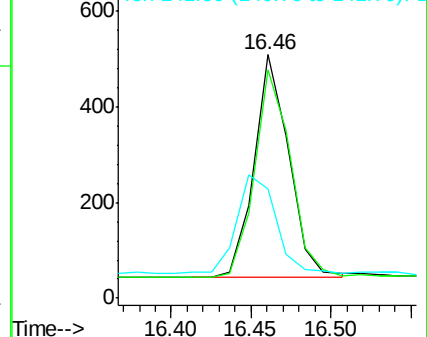
141 48.4 33.7 50.5

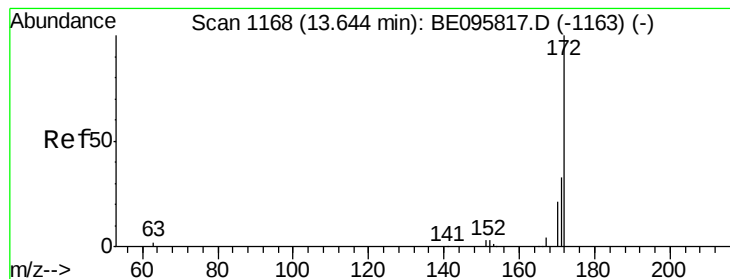


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

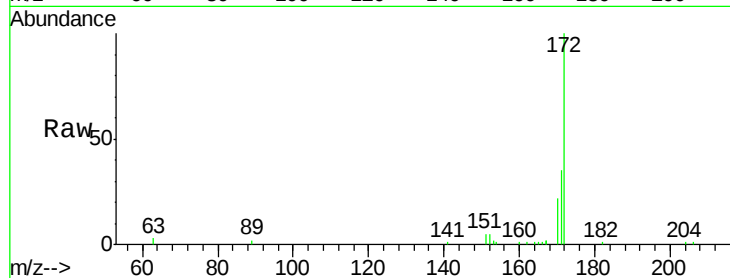




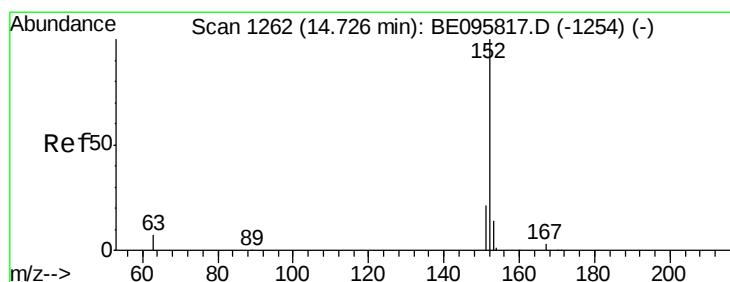
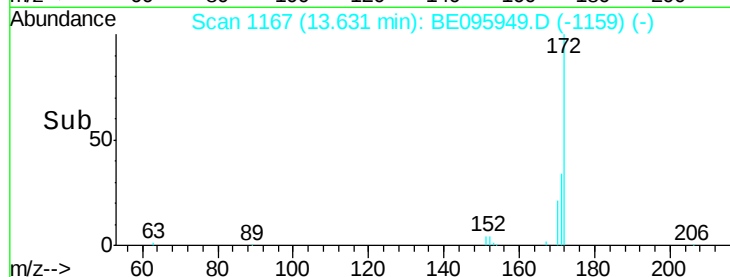
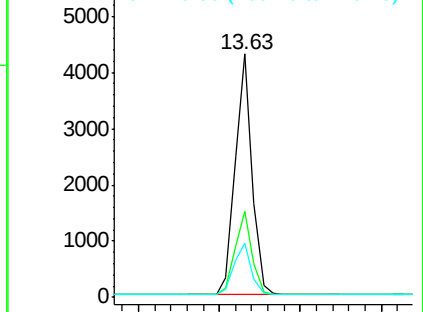
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 6194
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 22.1 21.8 32.8

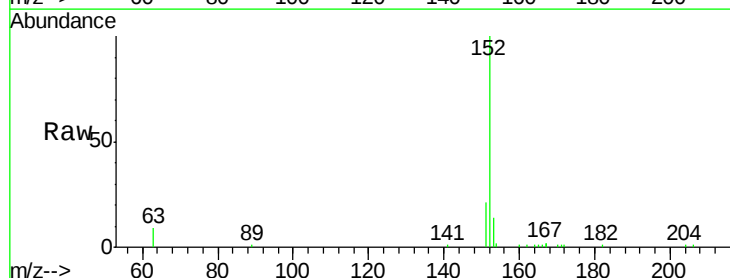


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

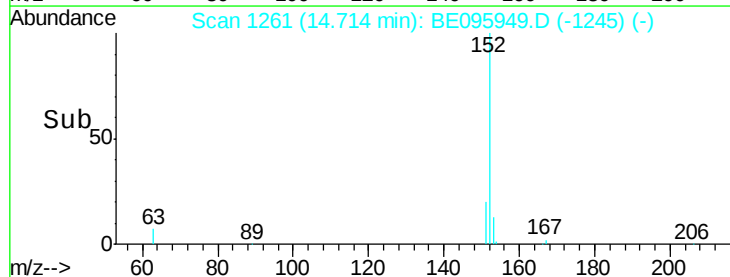
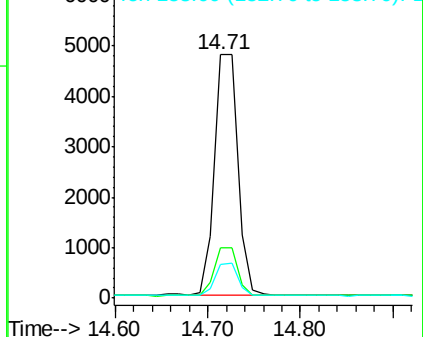


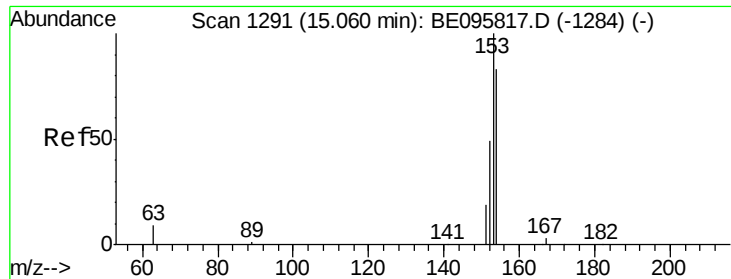
#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.71 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Tgt Ion:152 Resp: 8397
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.5 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

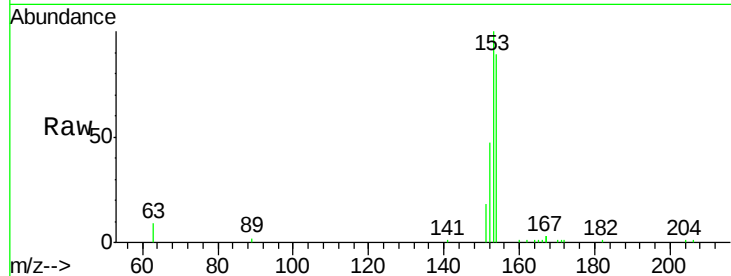




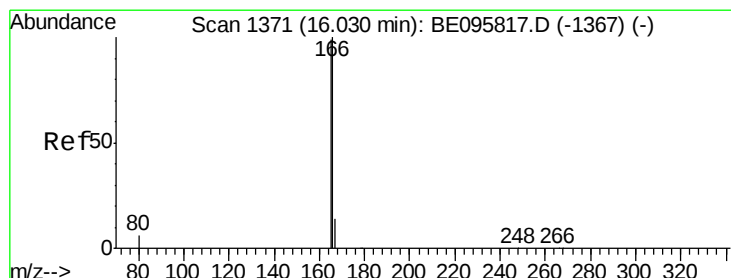
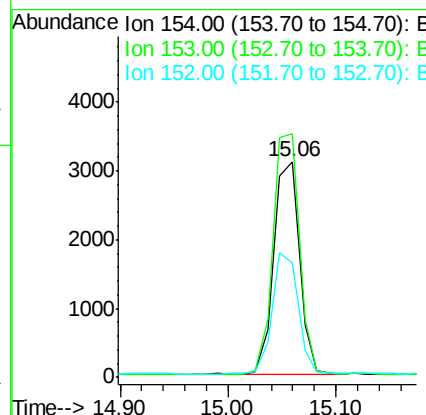
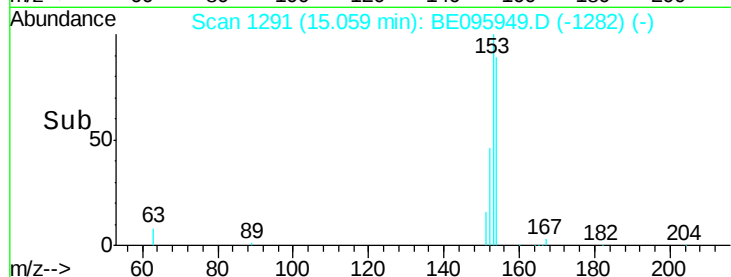
#17
Acenaphthene
Concen: 0.411 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 5170
Ion Ratio Lower Upper
154 100
153 115.4 89.2 133.8
152 56.7 42.0 63.0

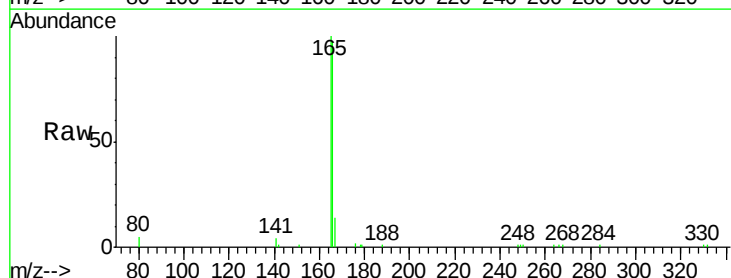


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

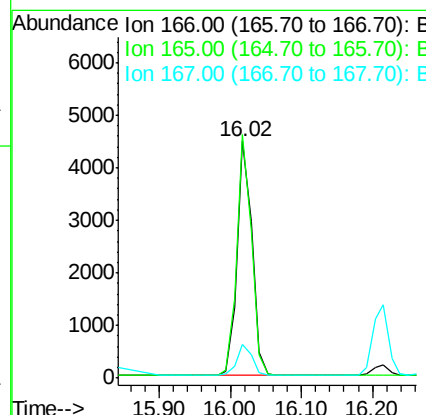
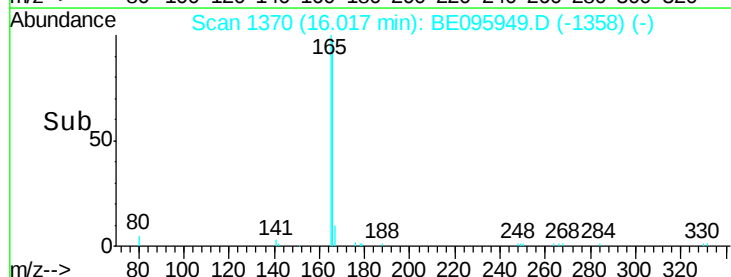


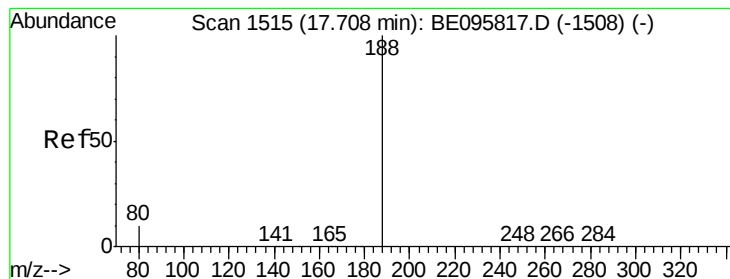
#18
Fluorene
Concen: 0.393 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095949.D
Acq: 5 Apr 2018 8:53

Tgt Ion:166 Resp: 6507
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.6
167 13.6 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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

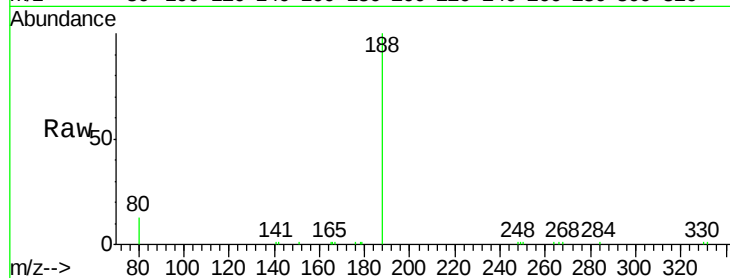
Tot Ion:188 Resp: 7998

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

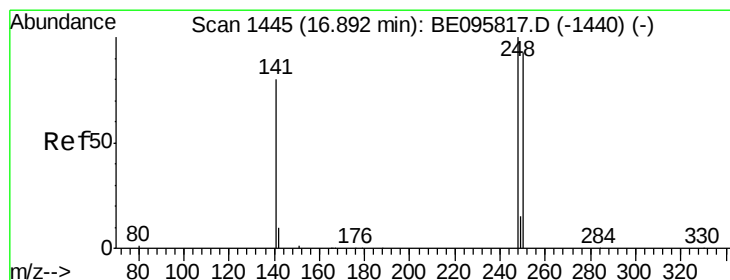
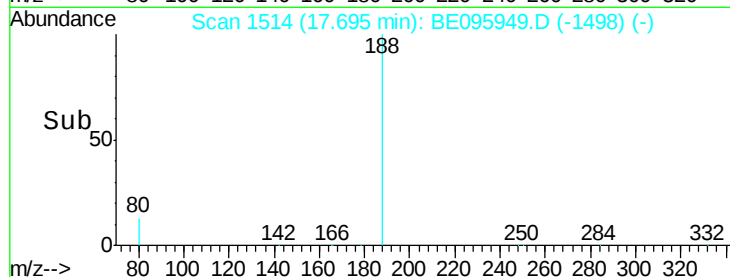
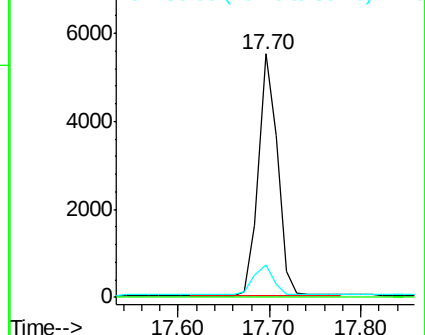
80 13.4 3.6 5.4#



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: 0.429 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

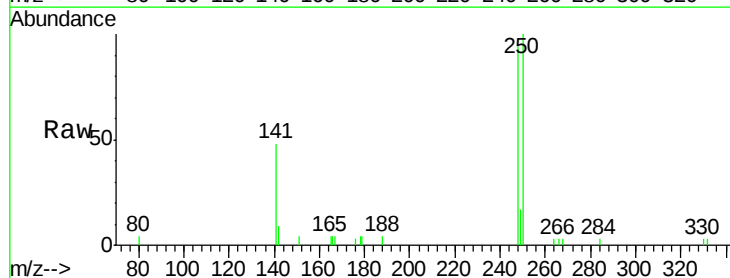
Tgt Ion:248 Resp: 2062

Ion Ratio Lower Upper

248 100

250 106.2 62.7 94.1#

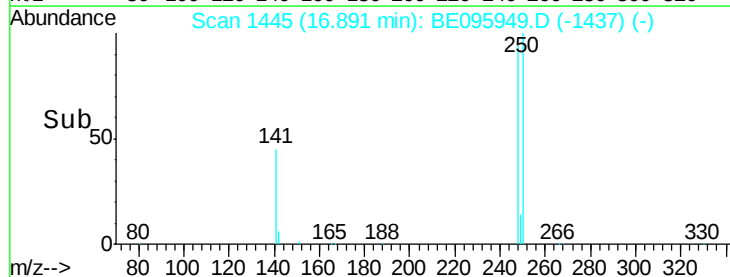
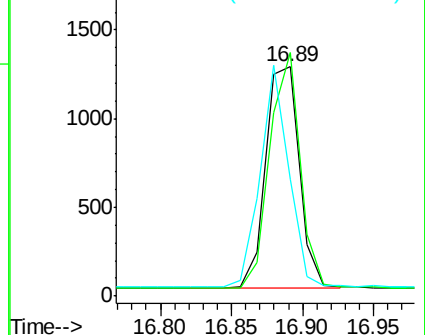
141 50.8 48.2 72.2

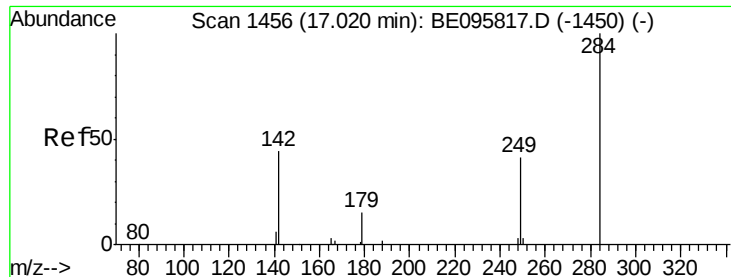


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

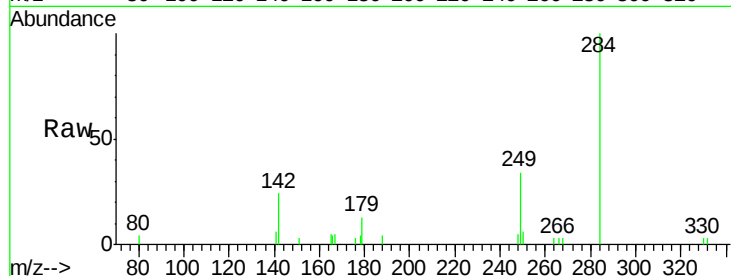
Tot Ion:284 Resp: 2017

Ion Ratio Lower Upper

284 100

142 41.8 22.1 33.1#

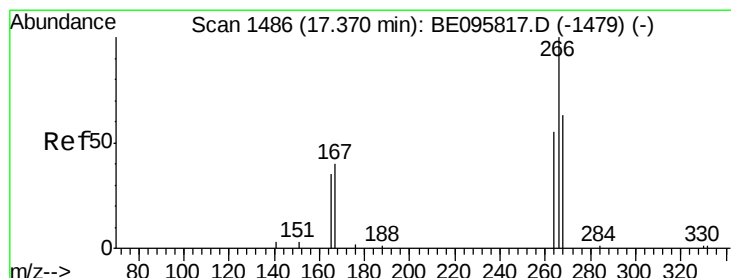
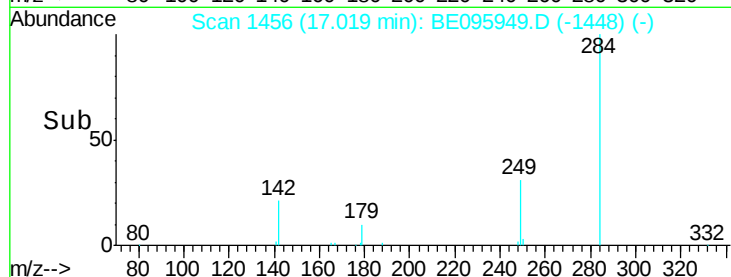
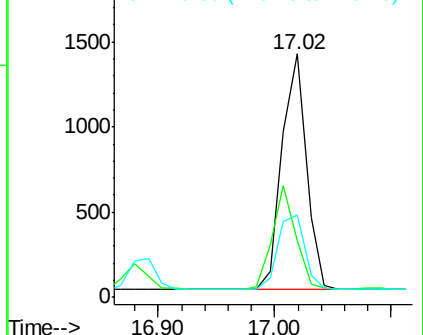
249 34.8 34.8 52.2#



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: 0.494 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

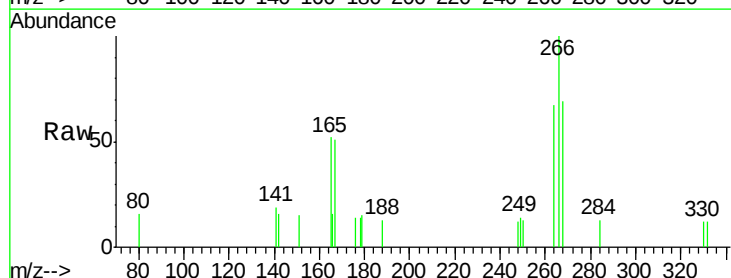
Tgt Ion:266 Resp: 659

Ion Ratio Lower Upper

266 100

264 66.9 72.5 108.7#

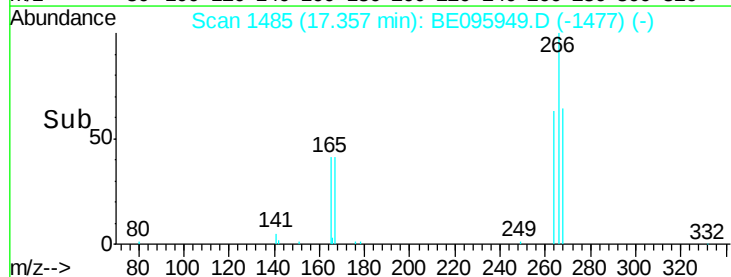
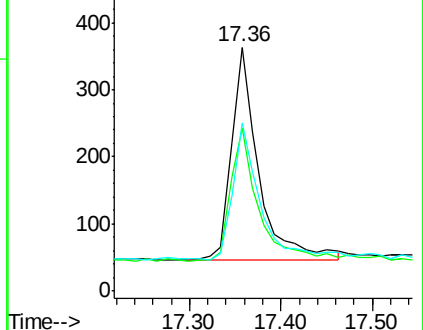
268 68.9 73.8 110.6#

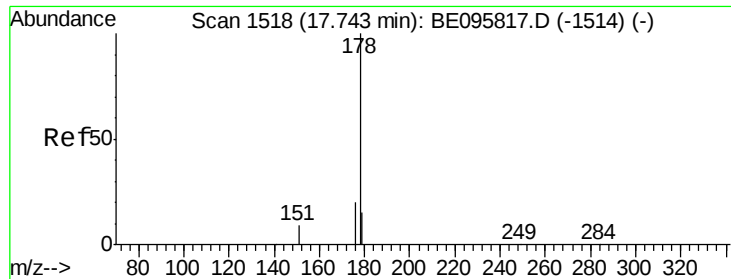


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.420 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

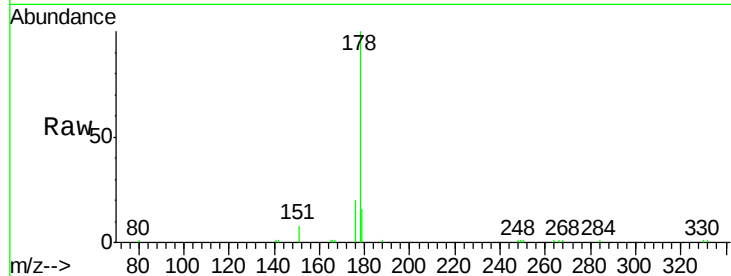
Tot Ion:178 Resp: 10066

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

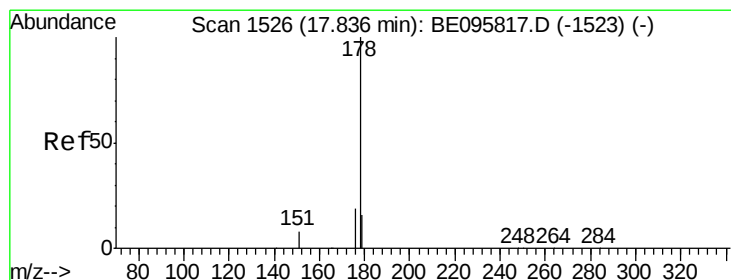
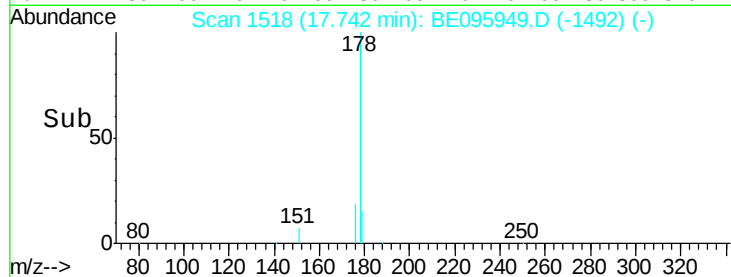
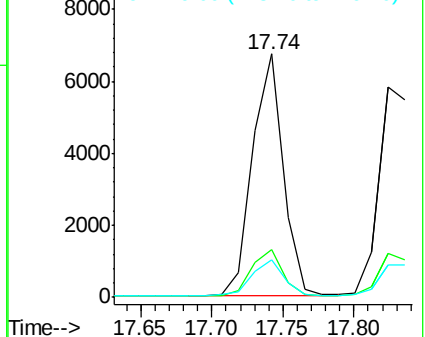
179 14.8 11.8 17.6



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: 0.403 ng

RT: 17.82 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

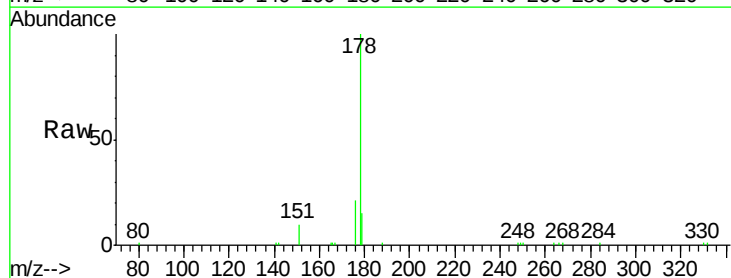
Tgt Ion:178 Resp: 9648

Ion Ratio Lower Upper

178 100

176 19.4 12.8 19.2#

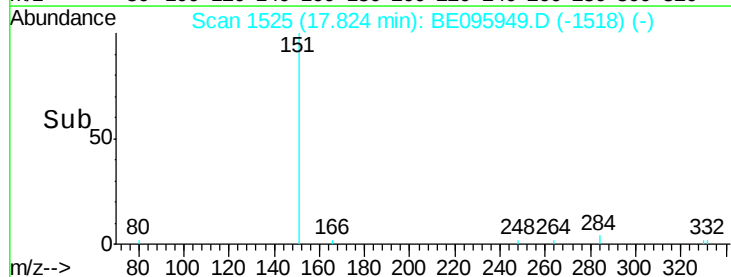
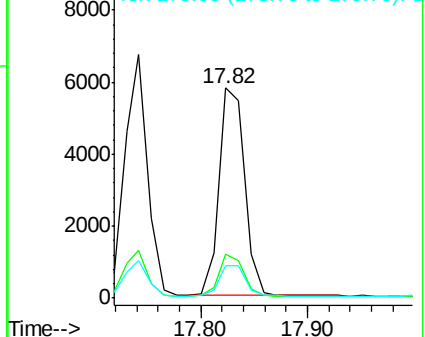
179 15.2 13.0 19.6

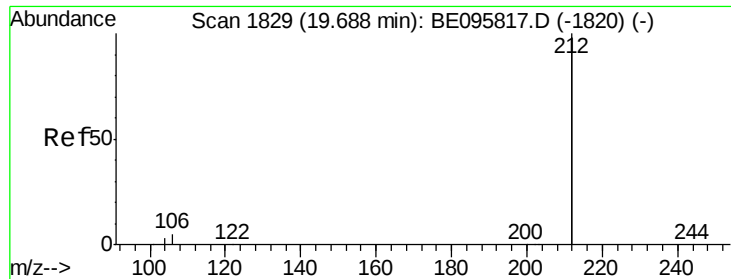


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

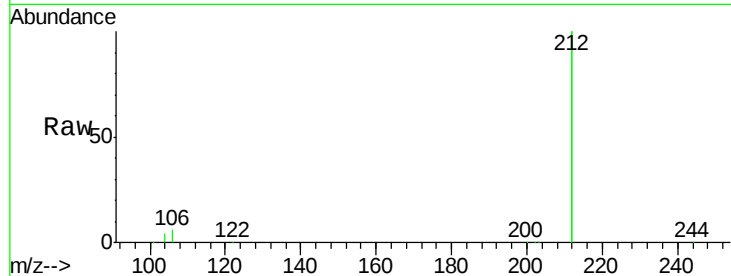
Tot Ion:212 Resp: 43279

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

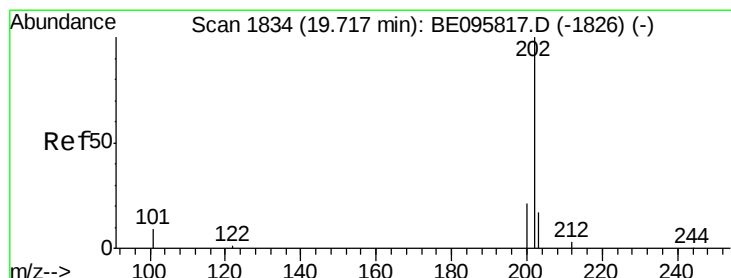
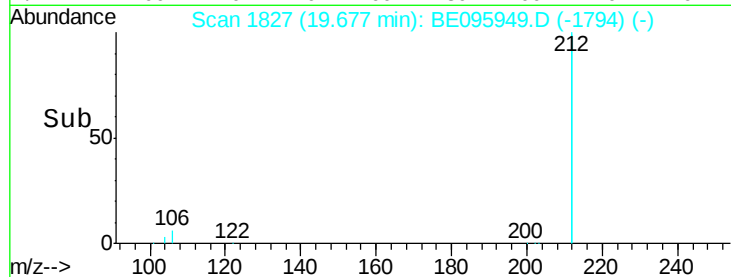
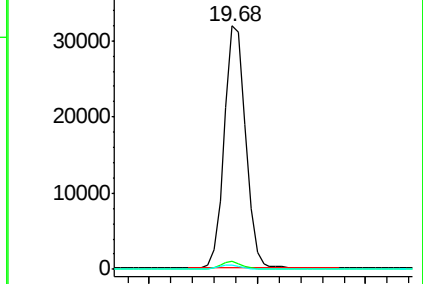
104 1.7 1.6 2.4



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



#26

Fluoranthene

Concen: 0.372 ng

RT: 19.71 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

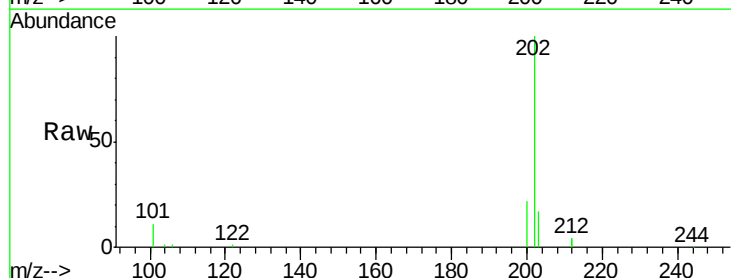
Tgt Ion:202 Resp: 12366

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

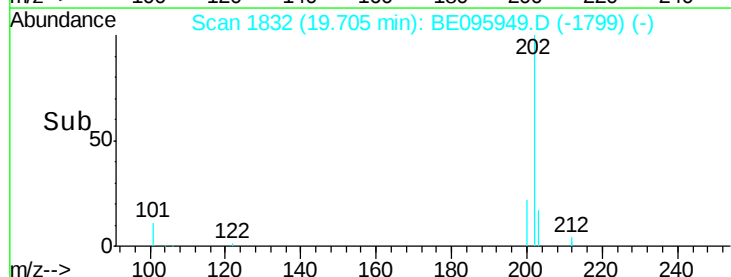
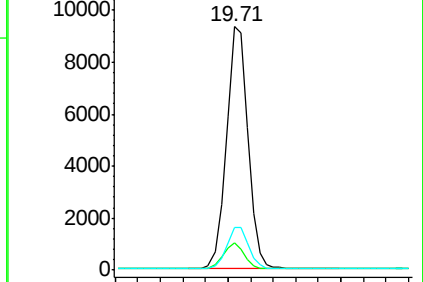
203 17.3 13.7 20.5



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

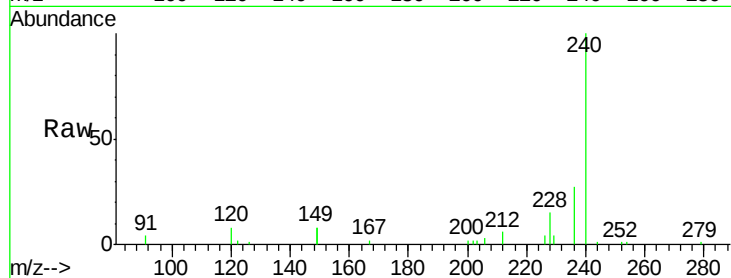




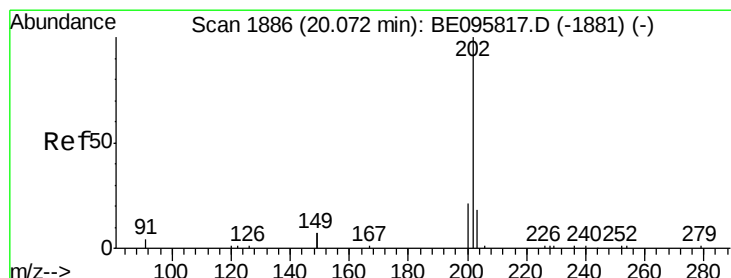
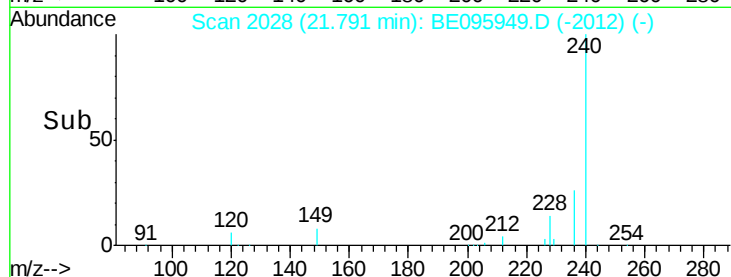
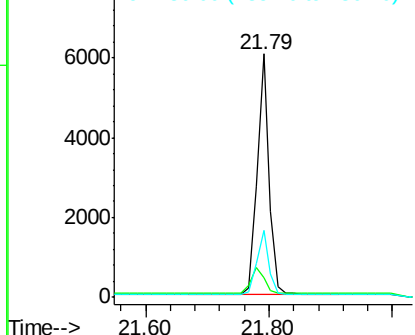
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095949.D
 Acq: 5 Apr 2018 8:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:240 Resp: 8268
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.5 8.3
 236 27.4 20.7 31.1

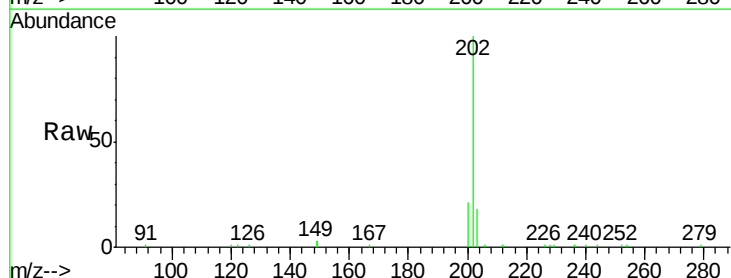


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

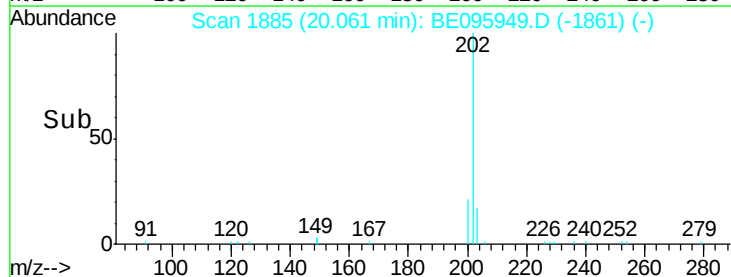
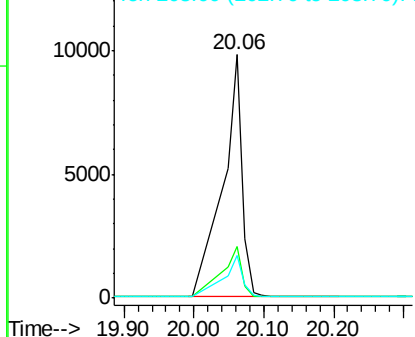


#28
 Pyrene
 Concen: 0.446 ng
 RT: 20.06 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BE095949.D
 Acq: 5 Apr 2018 8:53

Tgt Ion:202 Resp: 15026
 Ion Ratio Lower Upper
 202 100
 200 18.2 16.6 25.0
 203 16.0 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: 0.402 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

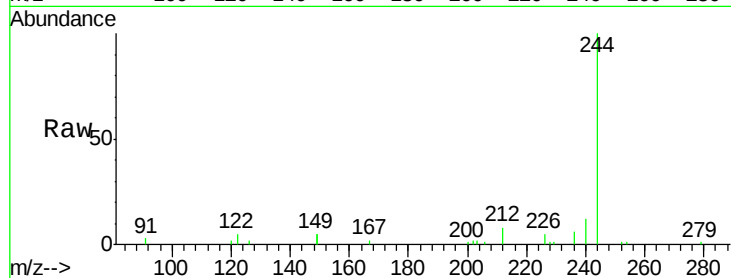
Tot Ion:244 Resp: 7067

Ion Ratio Lower Upper

244 100

212 7.5 25.4 38.0#

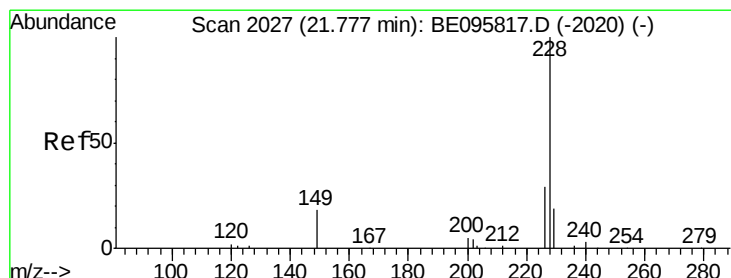
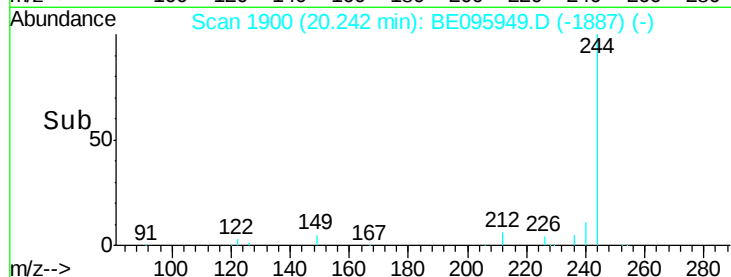
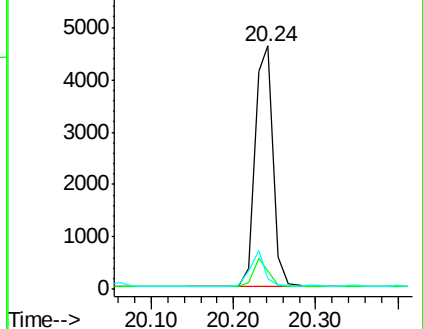
122 4.5 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.412 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

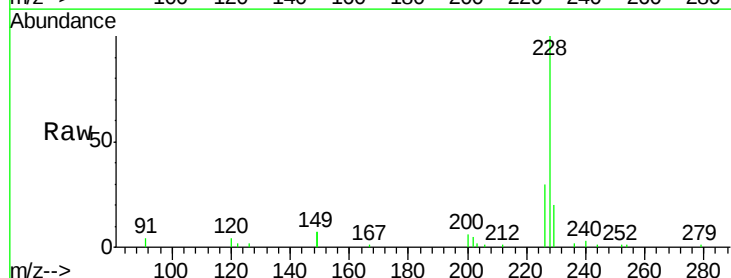
Tgt Ion:228 Resp: 11810

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

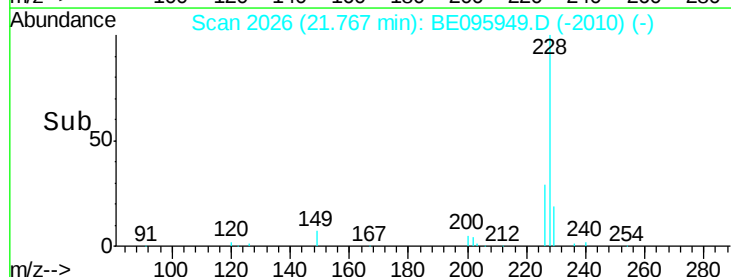
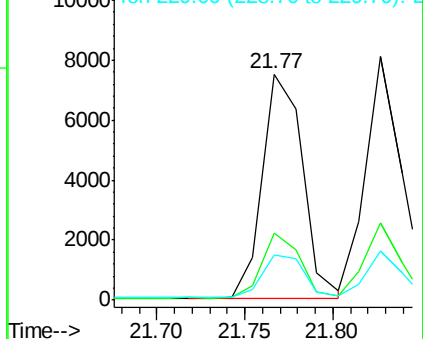
229 19.9 16.0 24.0



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: 0.424 ng

RT: 21.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

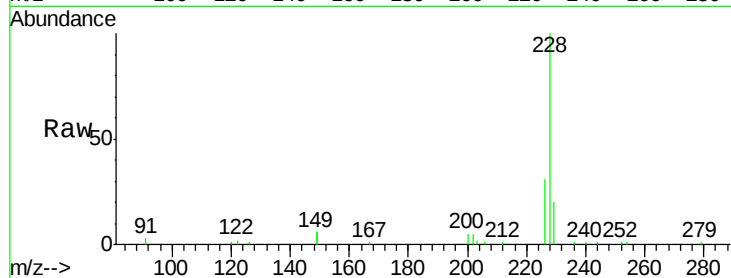
Tot Ion:228 Resp: 11084

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

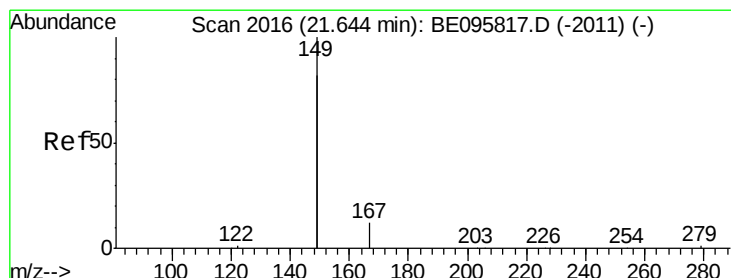
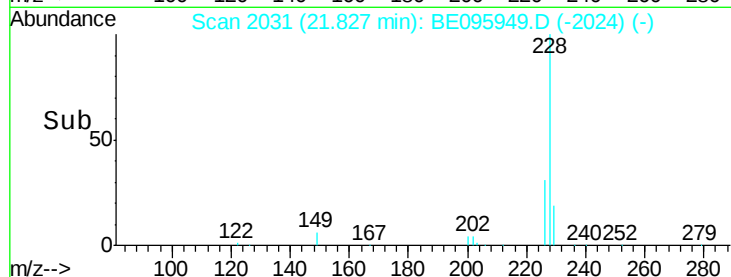
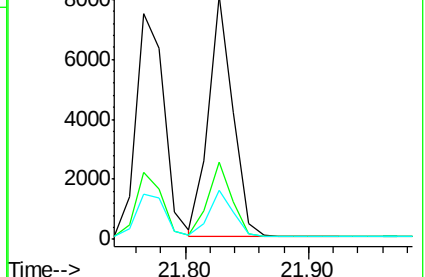
229 20.3 16.0 24.0



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: 0.375 ng

RT: 21.63 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

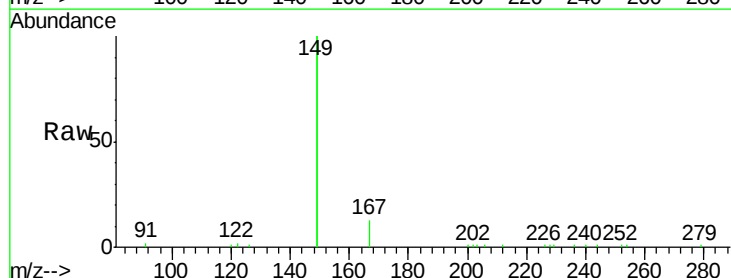
Tgt Ion:149 Resp: 32898

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

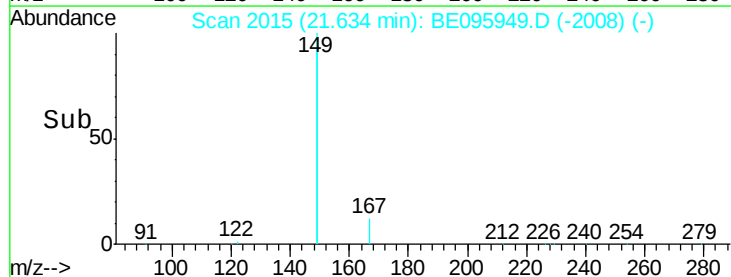
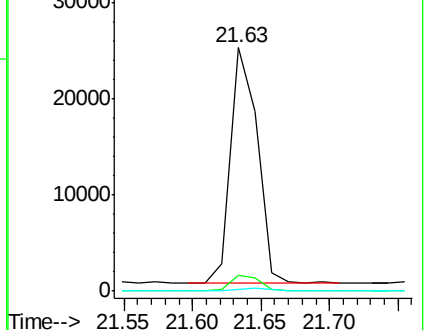
279 0.8 0.7 1.1

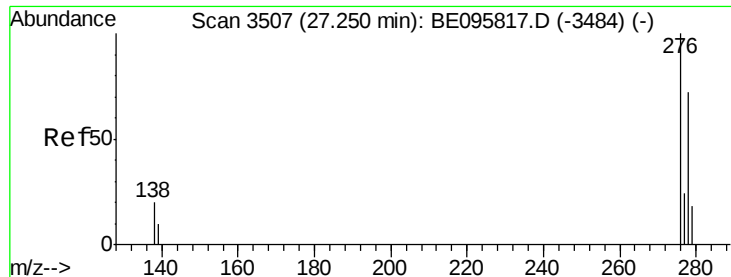


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

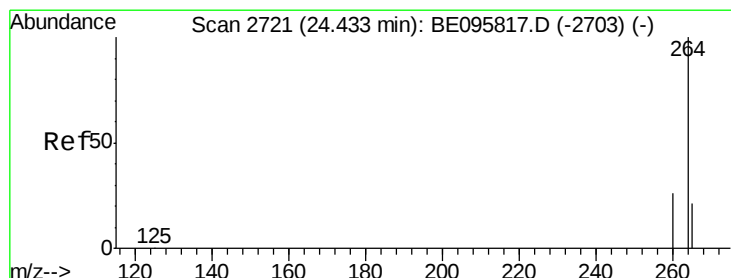
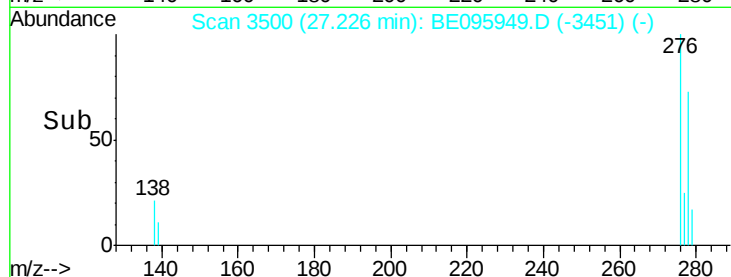
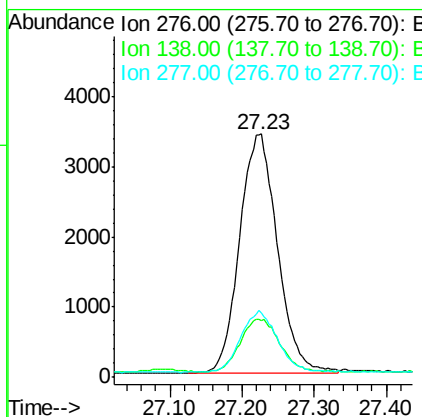
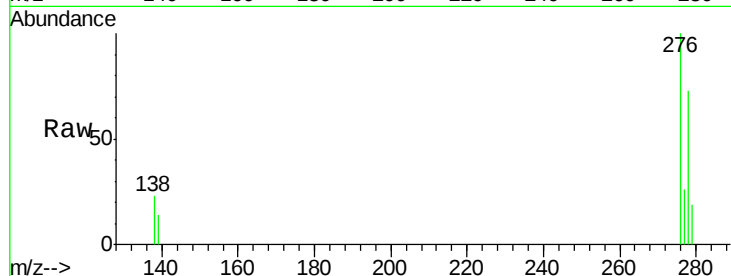




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.430 ng
 RT: 27.23 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: BE095949.D
 Acq: 5 Apr 2018 8:53

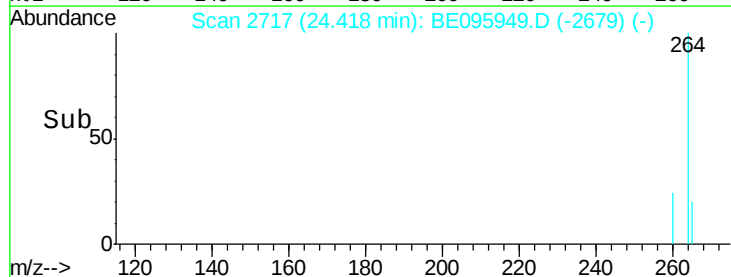
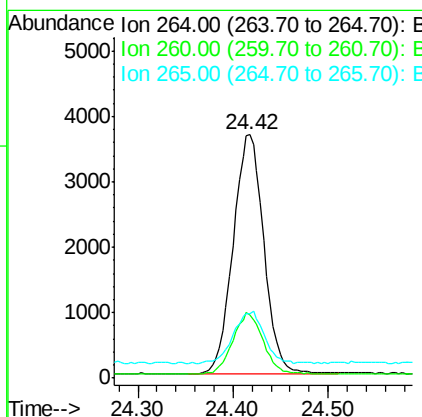
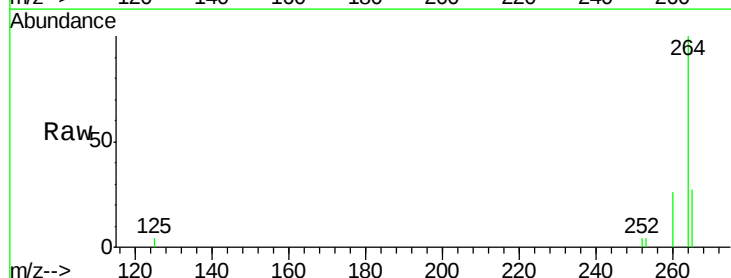
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 12112
 Ion Ratio Lower Upper
 276 100
 138 22.6 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: BE095949.D
 Acq: 5 Apr 2018 8:53

Tgt Ion:264 Resp: 8166
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 26.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.416 ng

RT: 23.60 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

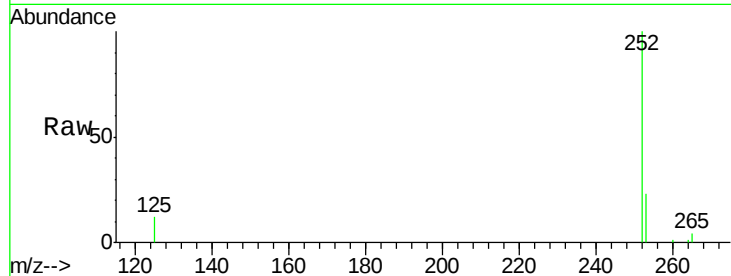
Tot Ion:252 Resp: 11236

Ion Ratio Lower Upper

252 100

253 23.3 20.0 30.0

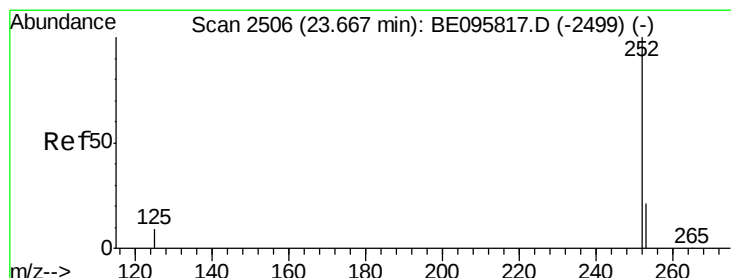
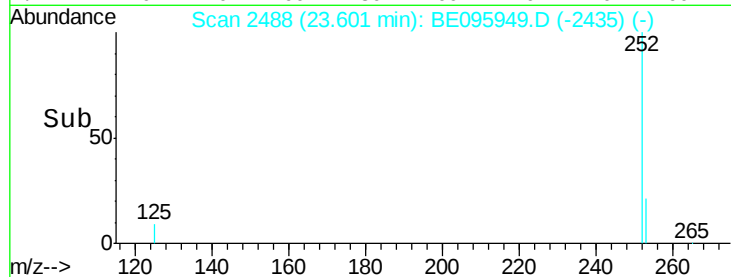
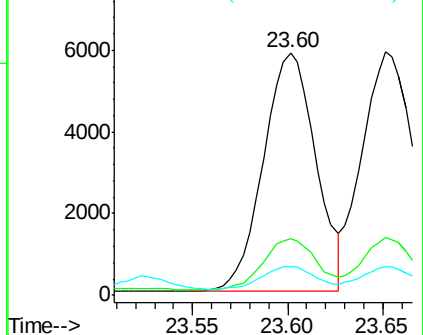
125 11.6 16.0 24.0#



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: 0.417 ng

RT: 23.65 min Scan# 2502

Delta R.T. -0.02 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

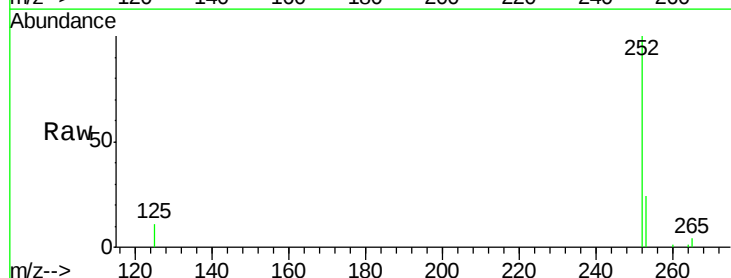
Tgt Ion:252 Resp: 11280

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

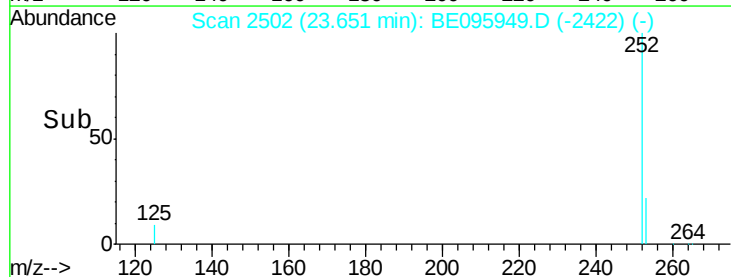
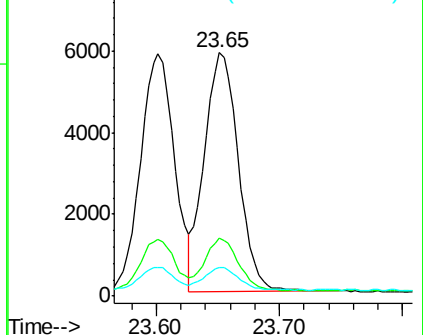
125 11.5 8.0 12.0



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: 0.417 ng

RT: 24.30 min Scan# 2683

Delta R.T. -0.02 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

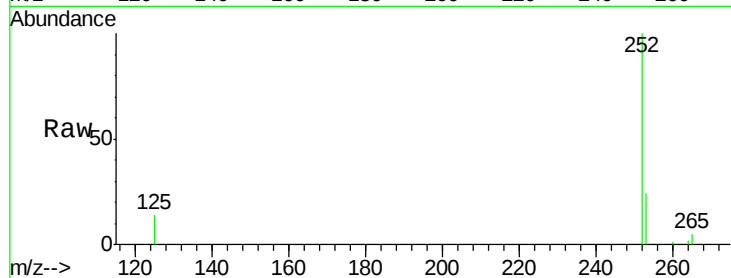
Tot Ion:252 Resp: 10556

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

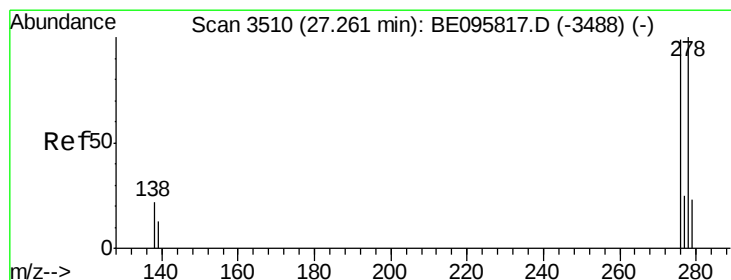
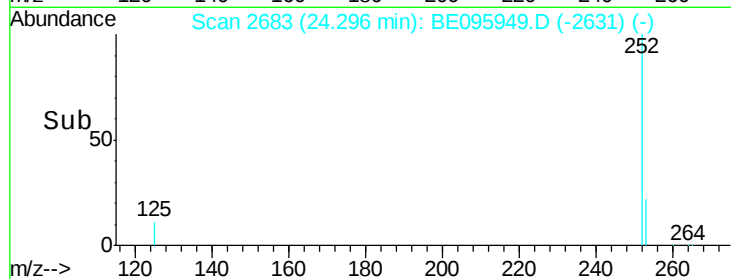
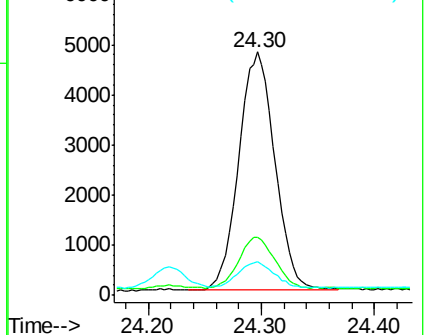
125 13.9 12.0 18.0



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: 0.417 ng

RT: 27.24 min Scan# 3504

Delta R.T. -0.02 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

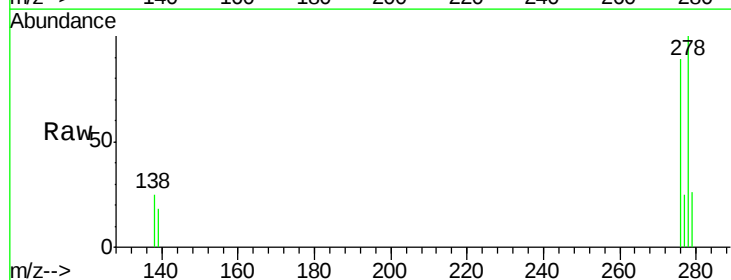
Tgt Ion:278 Resp: 10023

Ion Ratio Lower Upper

278 100

139 17.5 16.0 24.0

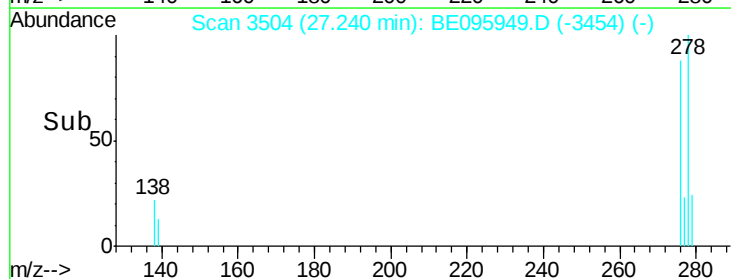
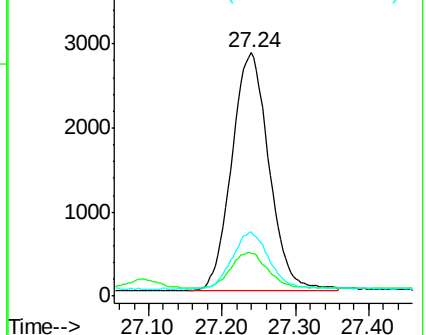
279 26.2 20.0 30.0

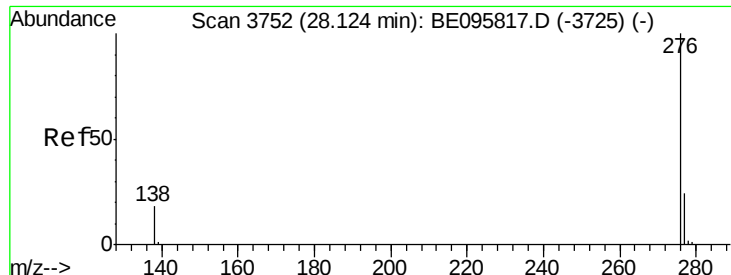


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.417 ng

RT: 28.10 min Scan# 3745

Delta R.T. -0.02 min

Lab File: BE095949.D

Acq: 5 Apr 2018 8:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

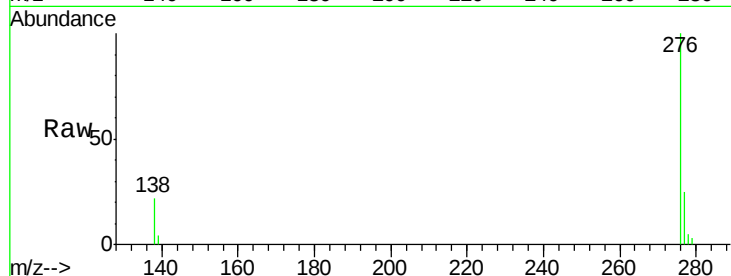
Tot Ion: 276 Resp: 10067

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 22.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

