

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095919.D
 Acq On : 2 Apr 2018 10:12
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 03 03:47:40 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	1182	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4844	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2921	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6846	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7075	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6882	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1468	0.38	ng	0.00
5) Phenol-d6	7.56	99	2199	0.41	ng	0.00
8) Nitrobenzene-d5	9.59	82	2322	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3407	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	572	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4979	0.40	ng	-0.01
25) Fluoranthene-d10	19.68	212	37495	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	6123	0.41	ng	0.00

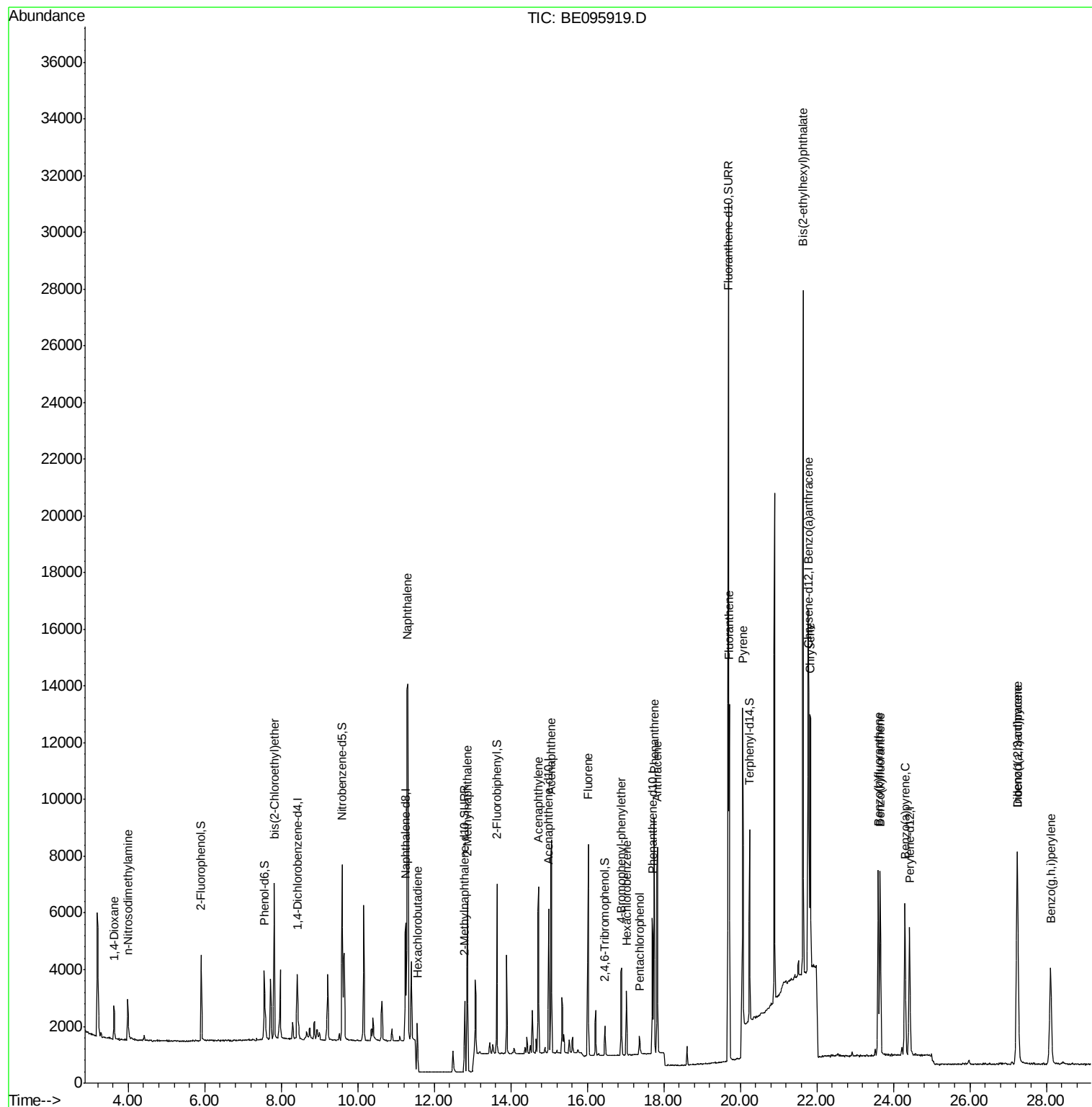
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	699	0.361	ng	91
3) n-Nitrosodimethylamine	3.99	42	962	0.339	ng	89
6) bis(2-Chloroethyl)ether	7.81	93	1852	0.401	ng	94
9) Naphthalene	11.31	128	22970	0.415	ng	100
10) Hexachlorobutadiene	11.56	225	1514	0.398	ng	95
12) 2-Methylnaphthalene	12.86	142	3984	0.422	ng	94
16) Acenaphthylene	14.73	152	6915	0.414	ng	100
17) Acenaphthene	15.06	154	4113	0.404	ng	95
18) Fluorene	16.02	166	5297	0.395	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1678	0.408	ng	# 82
21) Hexachlorobenzene	17.02	284	1686	0.410	ng	# 81
22) Pentachlorophenol	17.36	266	412	0.396	ng	# 79
23) Phenanthrene	17.74	178	8368	0.408	ng	100
24) Anthracene	17.84	178	8348	0.407	ng	95
26) Fluoranthene	19.71	202	10670	0.375	ng	98
28) Pyrene	20.06	202	12448	0.432	ng	95
30) Benzo(a)anthracene	21.78	228	10026	0.409	ng	97
31) Chrysene	21.84	228	9422	0.421	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	28072	0.374	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	10263	0.425	ng	95
35) Benzo(b)fluoranthene	23.61	252	9368	0.411	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	9550	0.419	ng	# 92
37) Benzo(a)pyrene	24.30	252	8824	0.413	ng	# 93
38) Dibenzo(a,h)anthracene	27.24	278	8310	0.410	ng	96
39) Benzo(g,h,i)perylene	28.11	276	8520	0.418	ng	# 90

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

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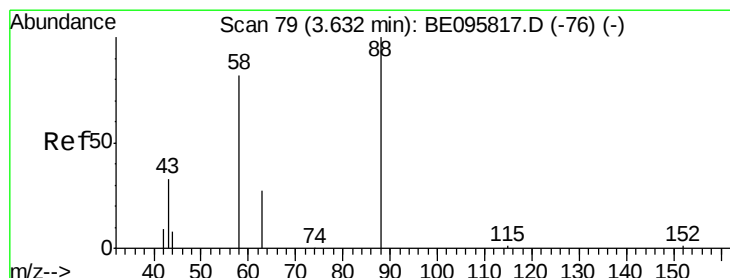
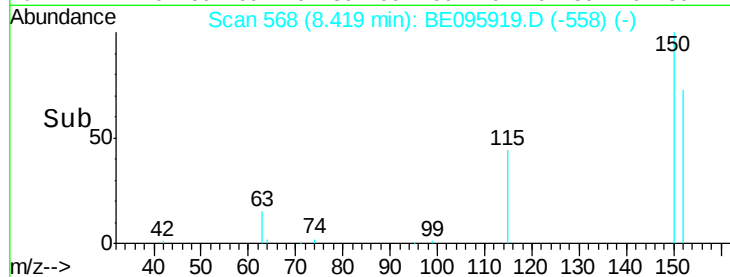
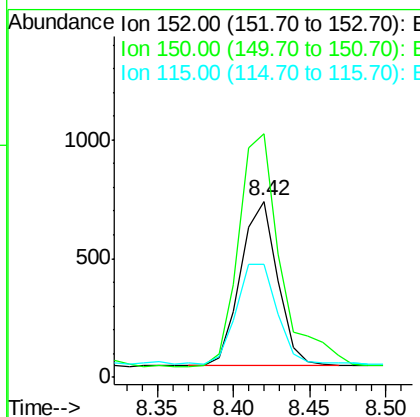
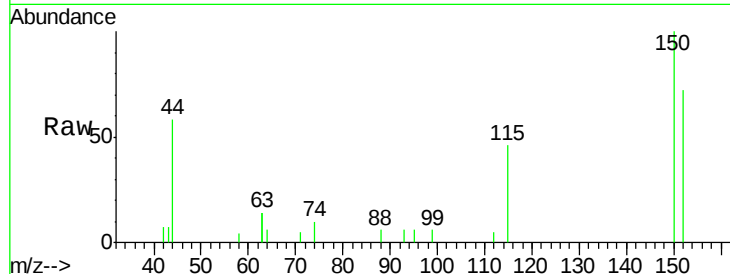




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BE095919.D
 Acq: 2 Apr 2018 10:12

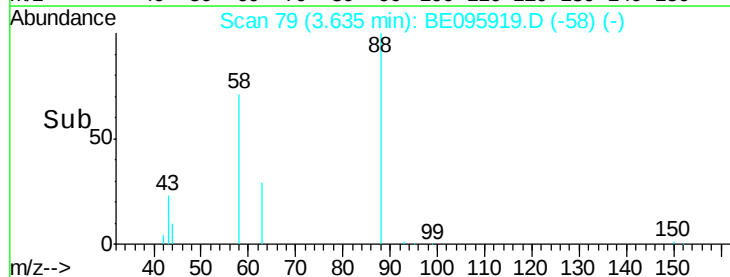
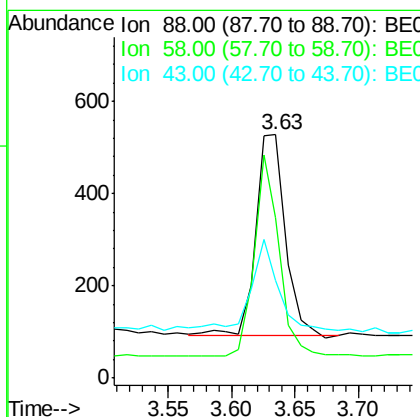
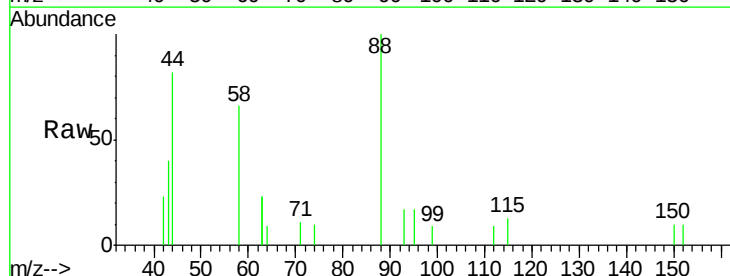
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 1182
 Ion Ratio Lower Upper
 152 100
 150 138.1 117.2 175.8
 115 64.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.361 ng
 RT: 3.63 min Scan# 79
 Delta R.T. 0.00 min
 Lab File: BE095919.D
 Acq: 2 Apr 2018 10:12

Tgt Ion: 88 Resp: 699
 Ion Ratio Lower Upper
 88 100
 58 85.0 63.2 94.8
 43 43.5 41.2 61.8



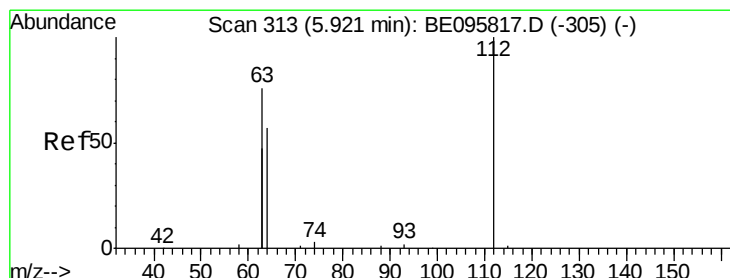
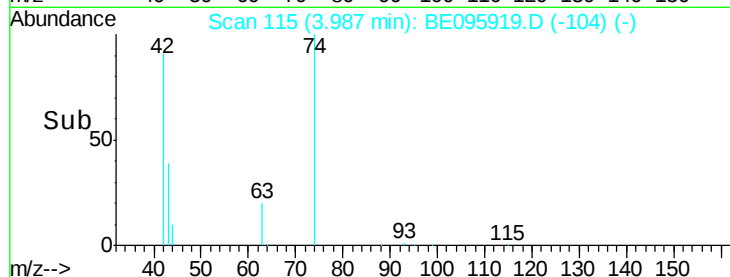
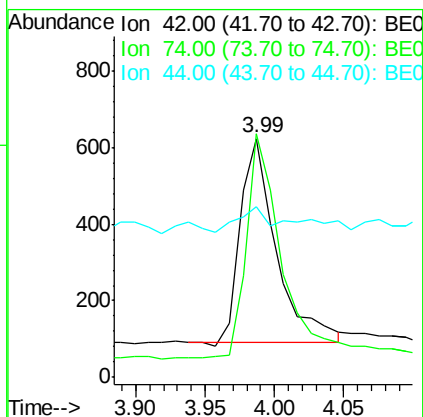
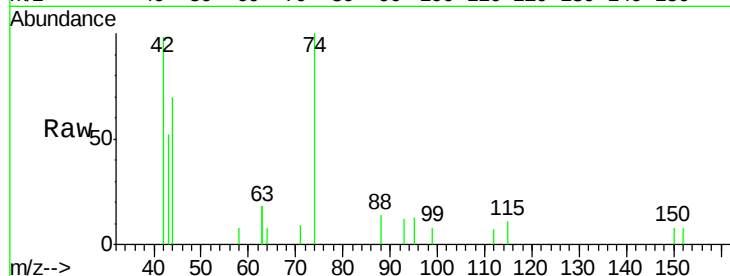


#3

n-Nitrosodimethylamine
 Concen: 0.339 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095919.D
 Acq: 2 Apr 2018 10:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

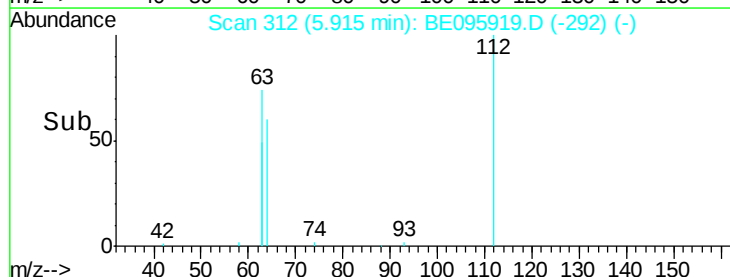
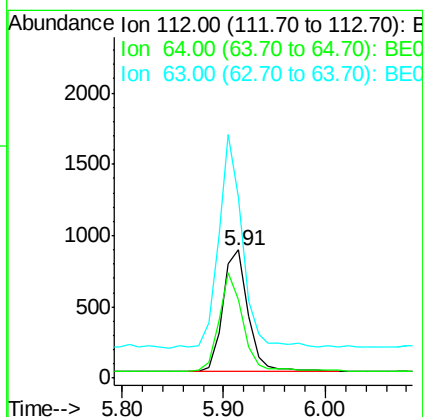
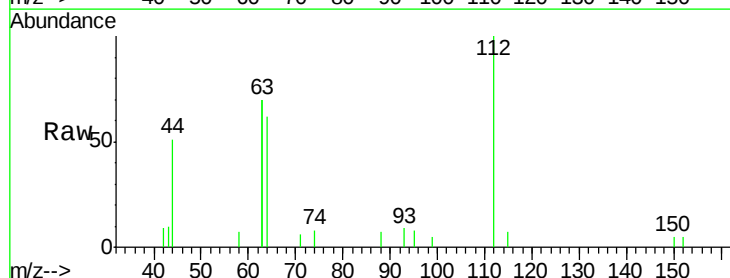
Tot Ion: 42 Resp: 962
 Ion Ratio Lower Upper
 42 100
 74 107.5 96.0 144.0
 44 12.6 12.0 18.0

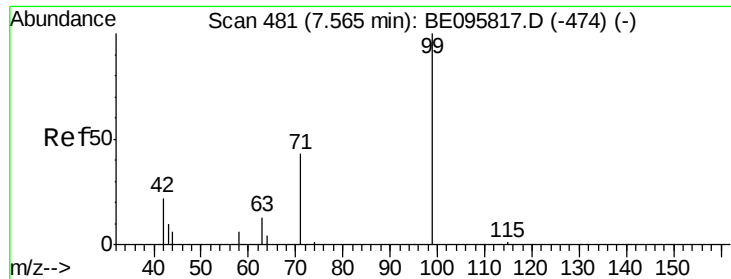


#4

2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095919.D
 Acq: 2 Apr 2018 10:12

Tgt Ion: 112 Resp: 1468
 Ion Ratio Lower Upper
 112 100
 64 78.0 60.1 90.1
 63 163.9 116.8 175.2





#5

Phenol-d6

Concen: 0.410 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

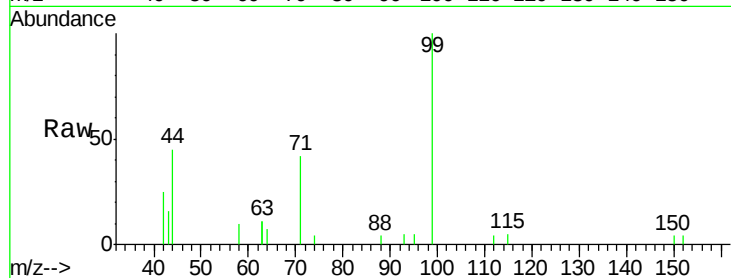
Tot Ion: 99 Resp: 2199

Ion Ratio Lower Upper

99 100

42 27.2 20.2 30.2

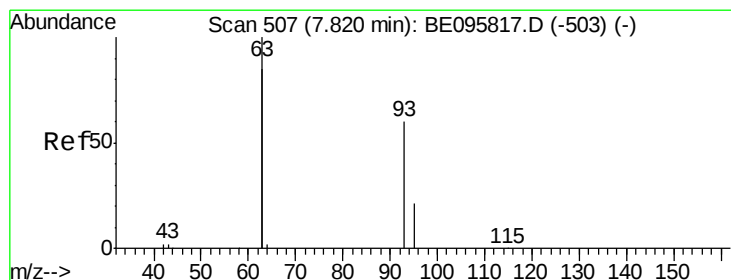
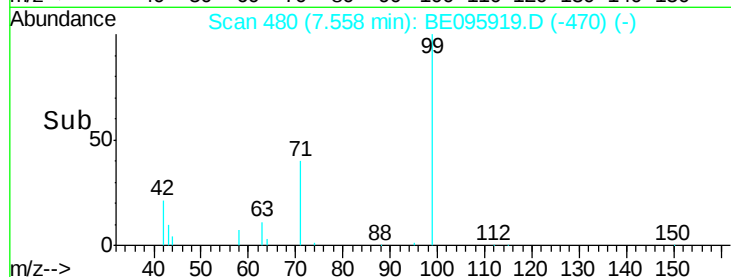
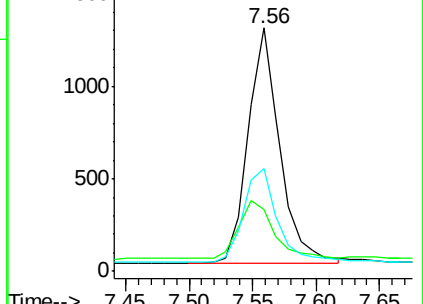
71 42.7 28.4 42.6#



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: 0.401 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

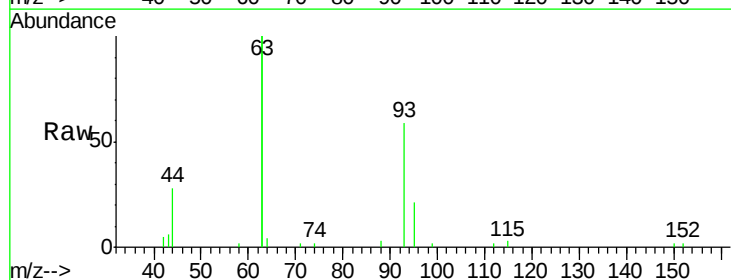
Tgt Ion: 93 Resp: 1852

Ion Ratio Lower Upper

93 100

63 330.6 275.3 412.9

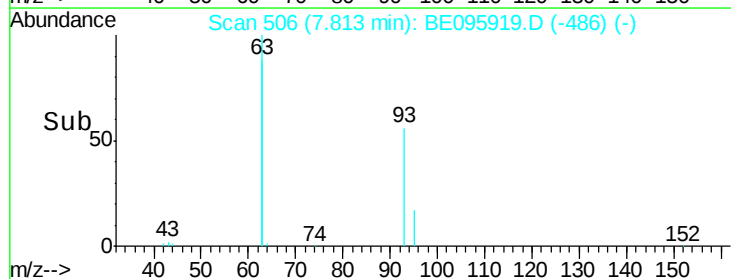
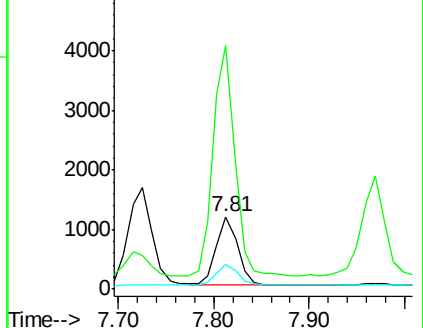
95 31.3 25.2 37.8

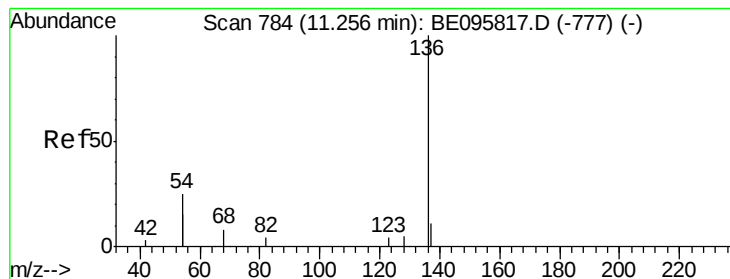


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4844

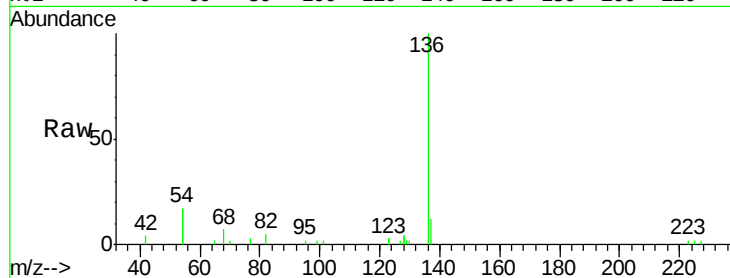
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 33.1 29.1 43.7

68 6.5 6.2 9.2

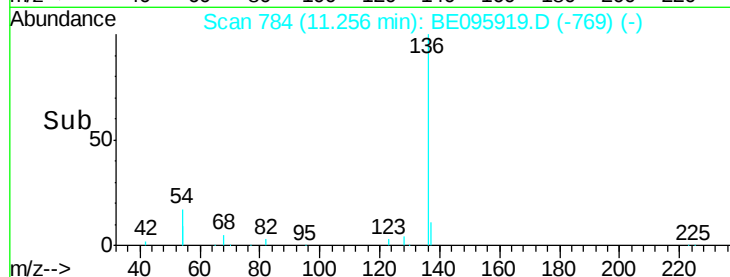


Abundance Ion 136.00 (135.70 to 136.70): E

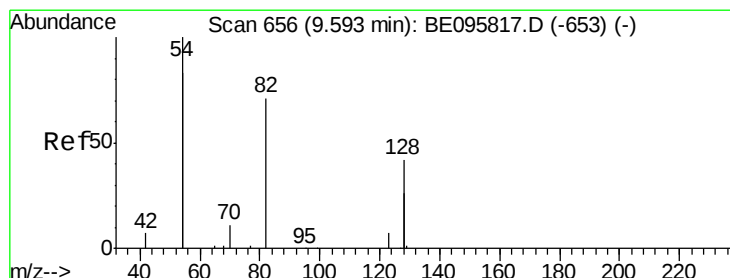
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30 11.40



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

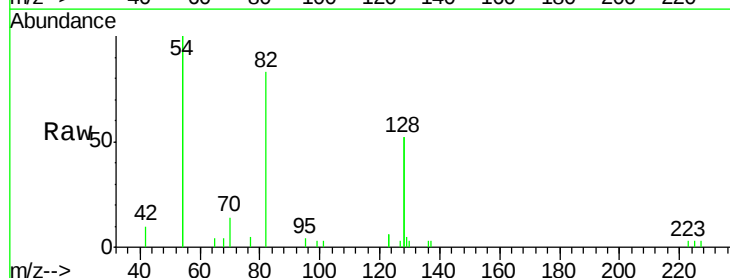
Tgt Ion: 82 Resp: 2322

Ion Ratio Lower Upper

82 100

128 123.9 150.0 225.0#

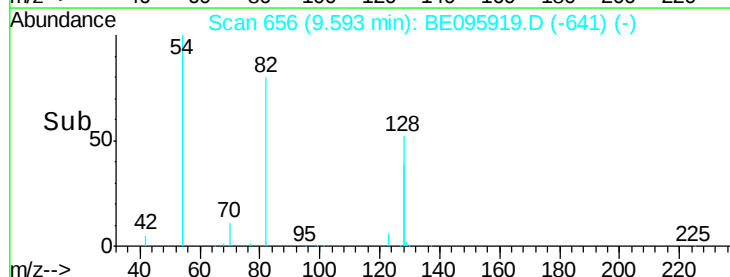
54 239.9 154.2 231.4#



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



Time--> 9.50 9.60 9.70



#9

Naphthalene

Concen: 0.415 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

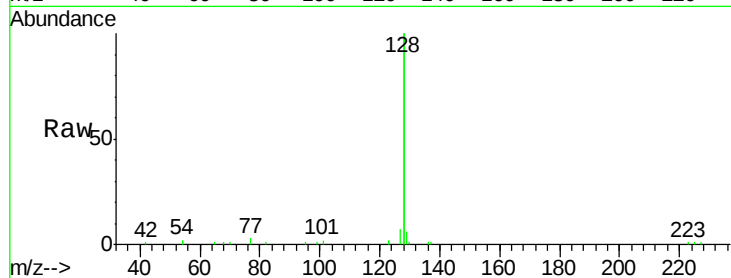
Tot Ion:128 Resp: 22970

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

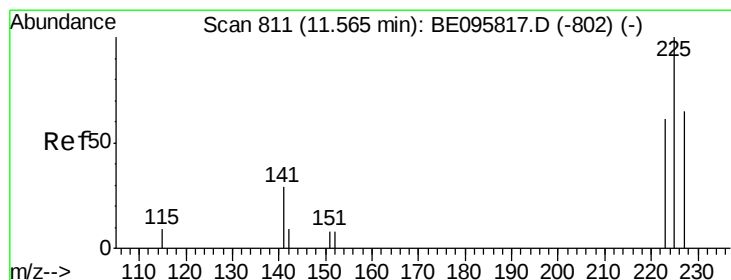
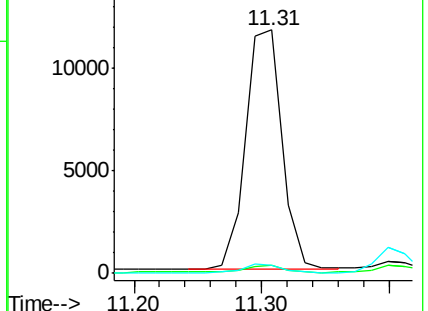
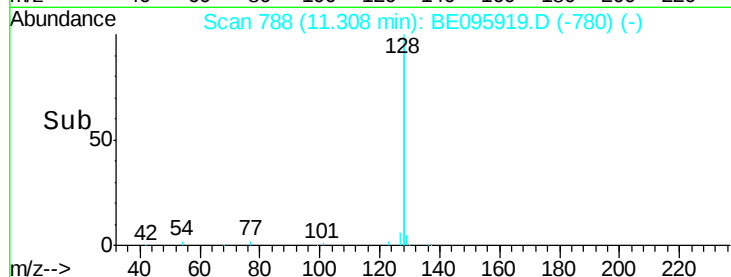
127 3.5 2.8 4.2



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: 0.398 ng

RT: 11.56 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

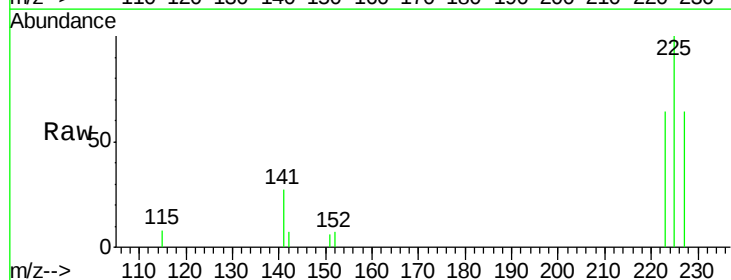
Tgt Ion:225 Resp: 1514

Ion Ratio Lower Upper

225 100

223 61.4 53.0 79.6

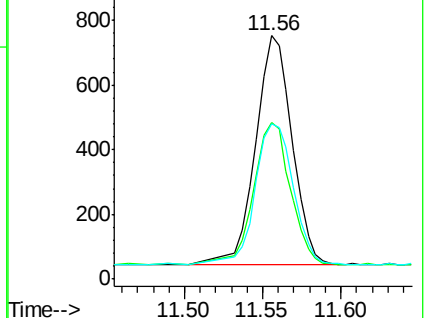
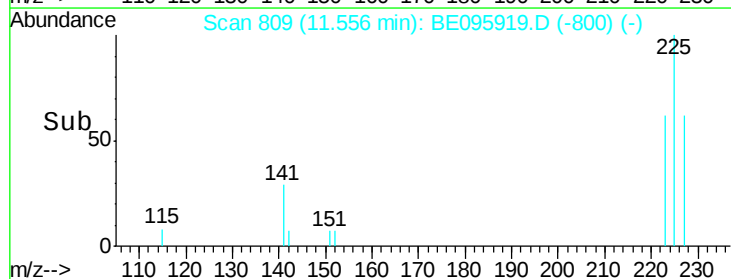
227 61.6 51.4 77.2

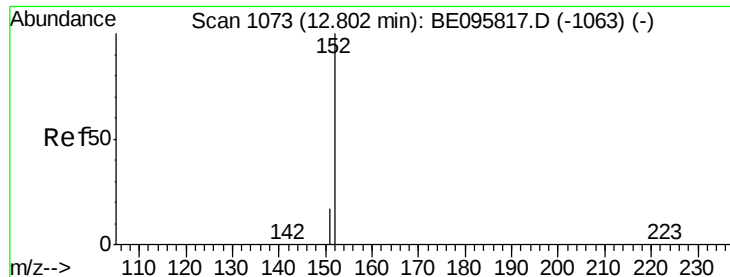


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

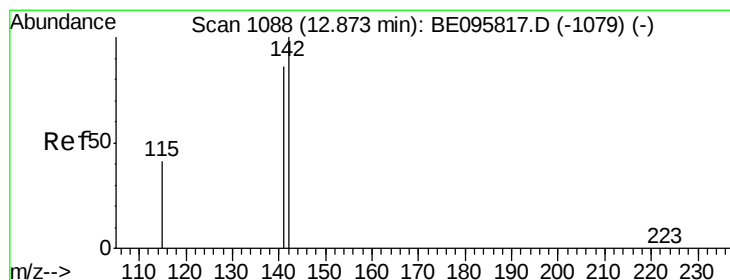
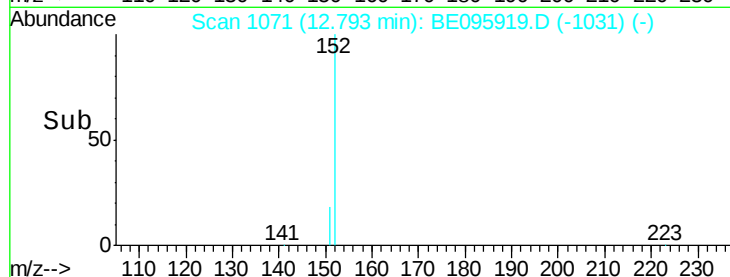
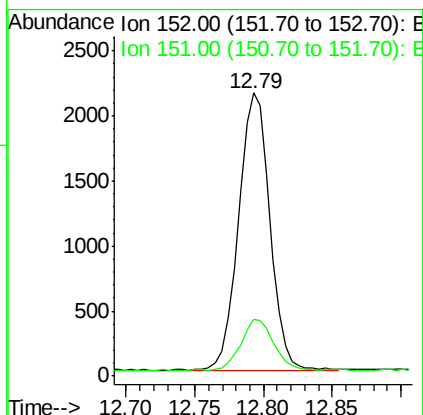
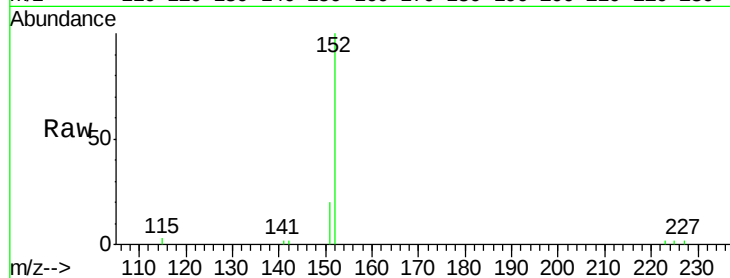




#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

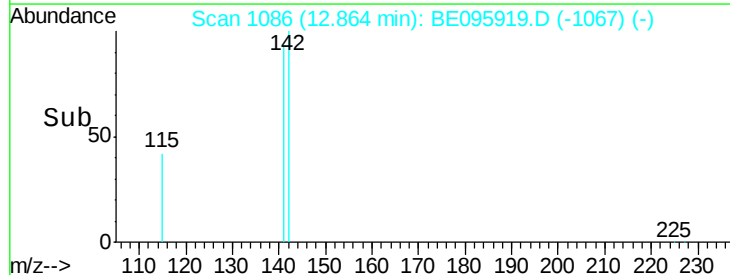
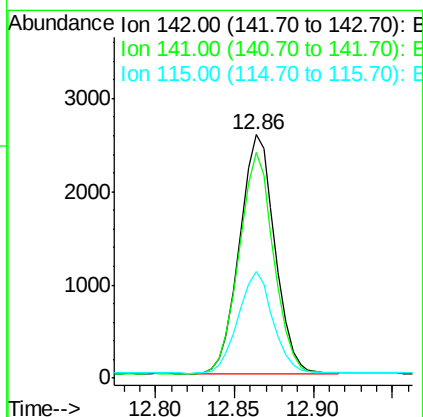
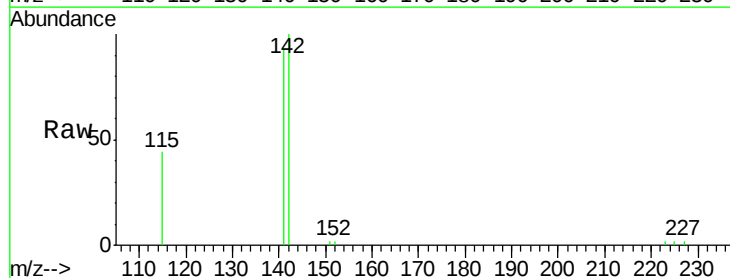
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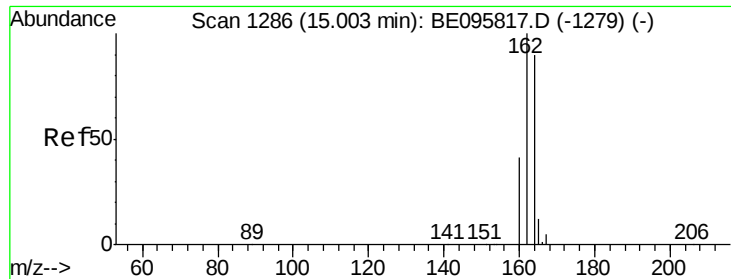
Tot Ion:152 Resp: 3407
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:142 Resp: 3984
Ion Ratio Lower Upper
142 100
141 92.7 70.4 105.6
115 43.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

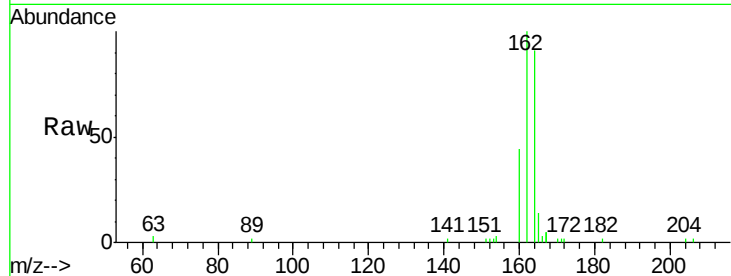
Tot Ion:164 Resp: 2921

Ion Ratio Lower Upper

164 100

162 109.9 83.1 124.7

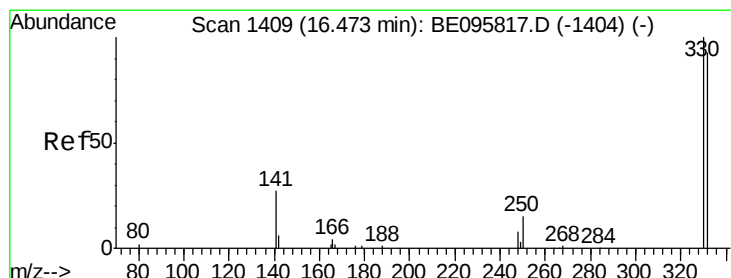
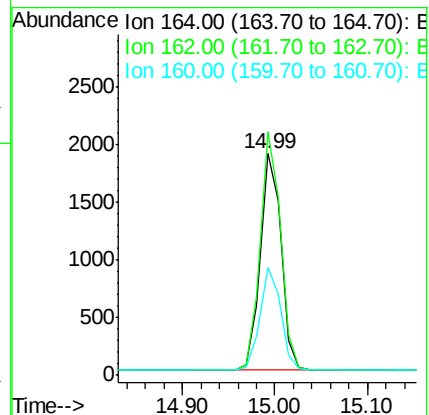
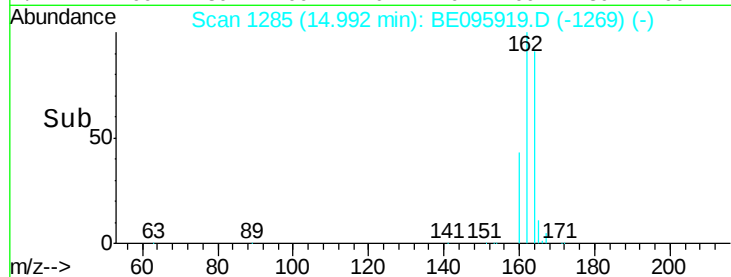
160 48.8 37.1 55.7



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: 0.339 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

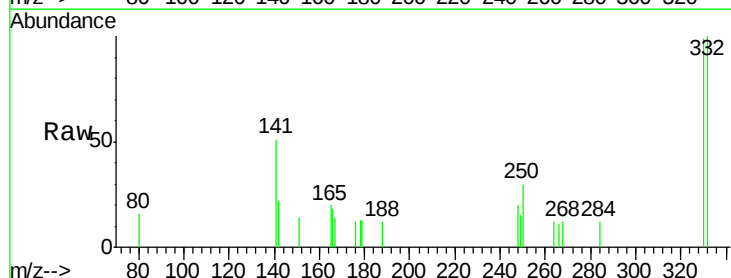
Tgt Ion:330 Resp: 572

Ion Ratio Lower Upper

330 100

332 98.8 152.7 229.1#

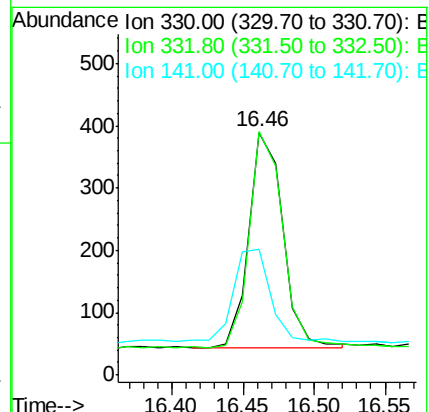
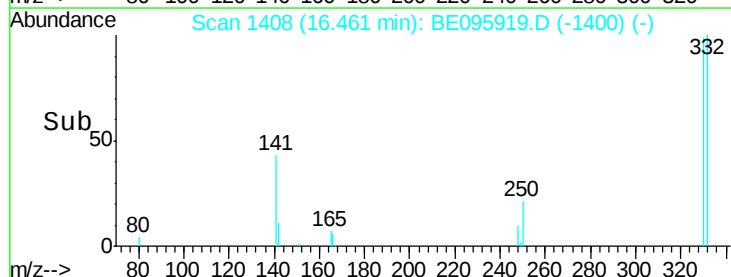
141 47.0 33.7 50.5

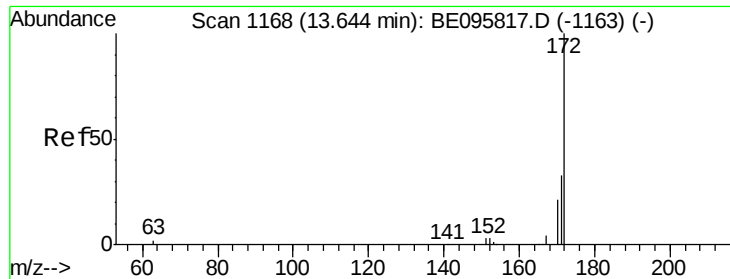


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

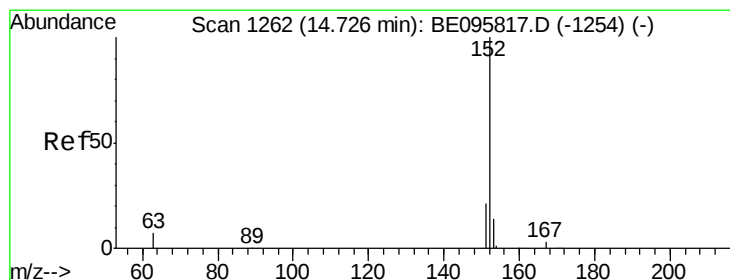
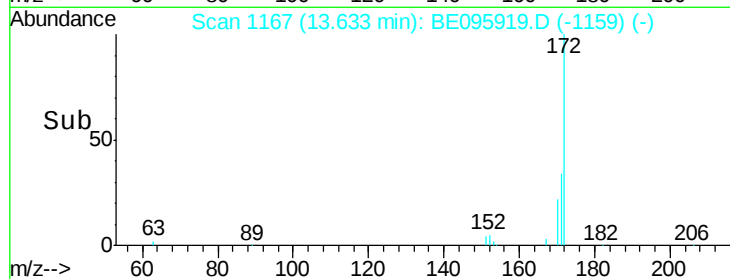
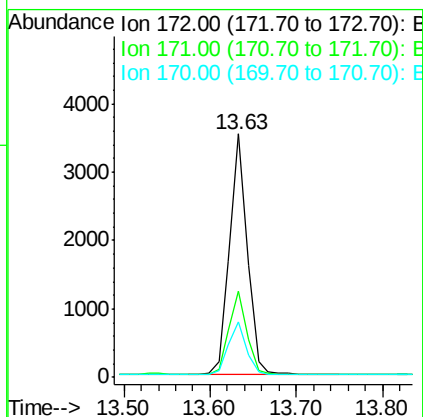
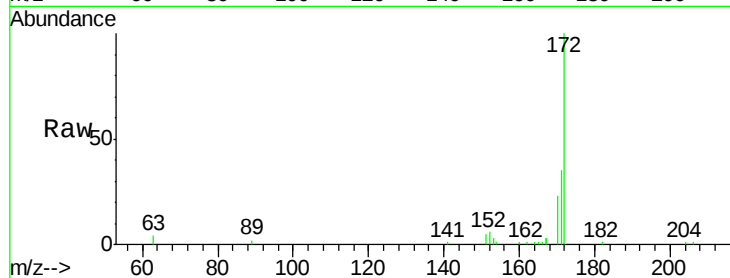




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

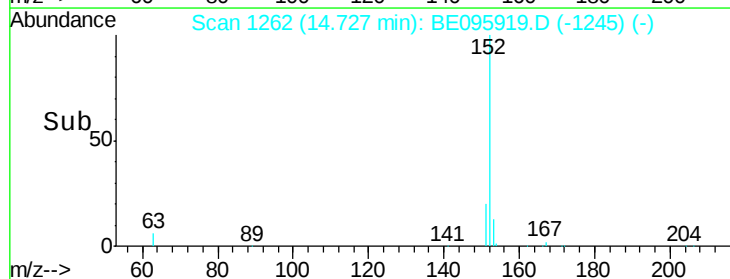
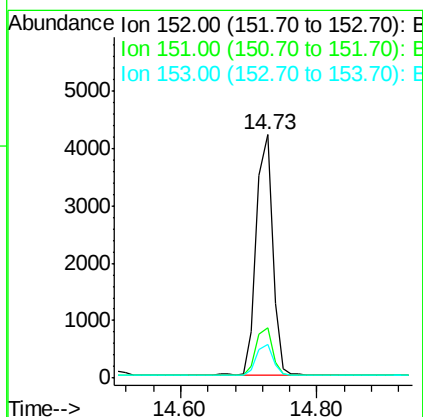
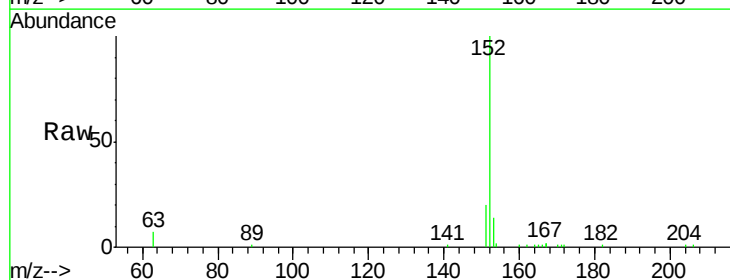
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

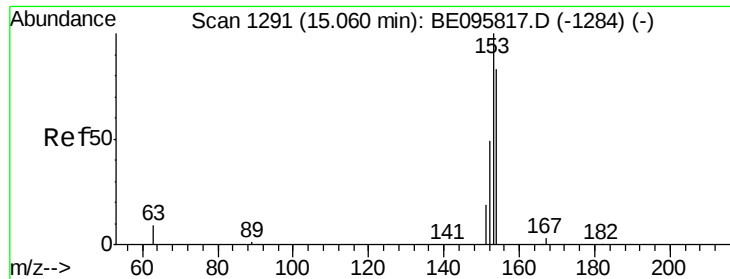
Tot Ion:172 Resp: 4979
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 22.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.73 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:152 Resp: 6915
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.5 15.7

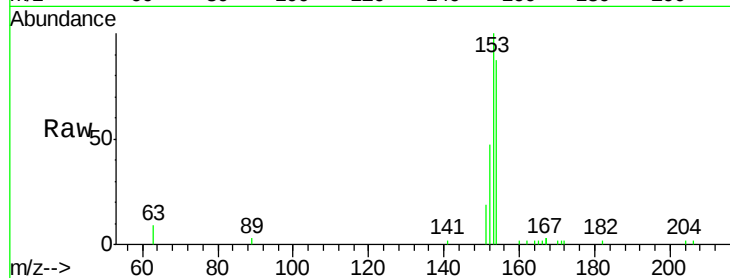




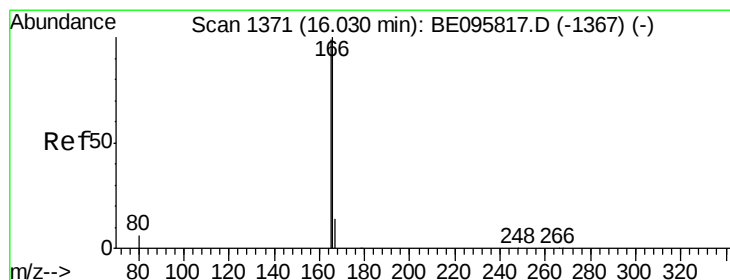
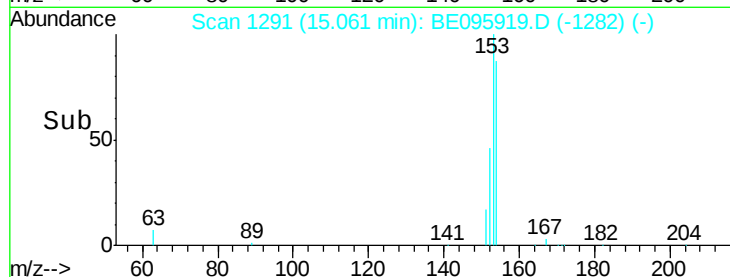
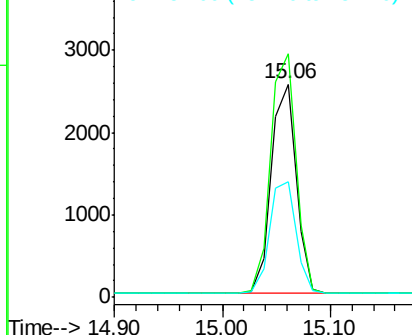
#17
Acenaphthene
Concen: 0.404 ng
RT: 15.06 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 4113
Ion Ratio Lower Upper
154 100
153 116.9 89.2 133.8
152 56.6 42.0 63.0

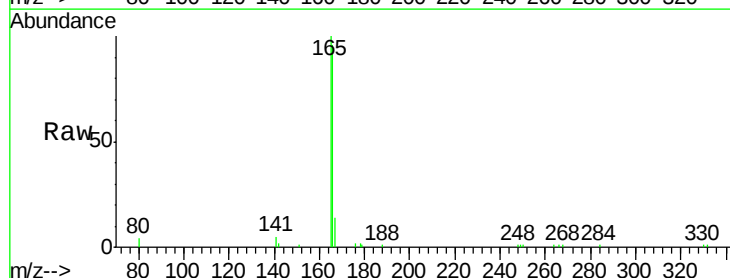


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

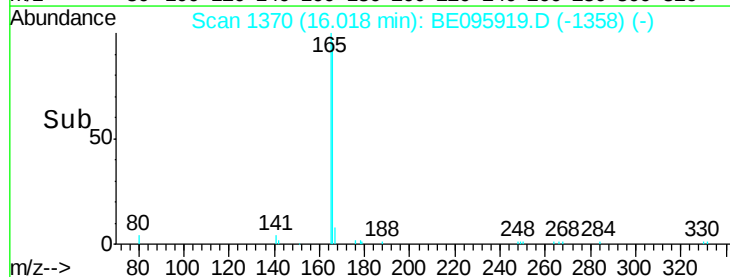
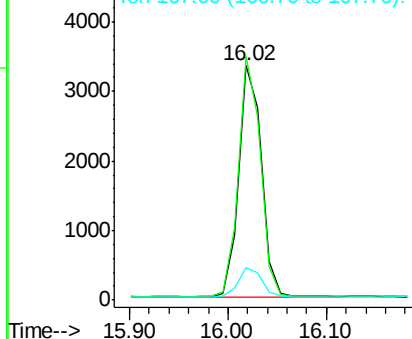


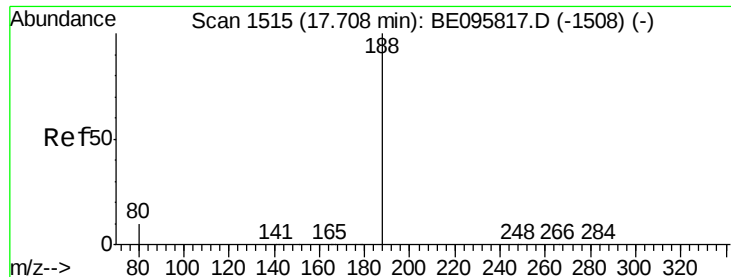
#18
Fluorene
Concen: 0.395 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:166 Resp: 5297
Ion Ratio Lower Upper
166 100
165 100.7 77.8 116.6
167 13.1 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: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

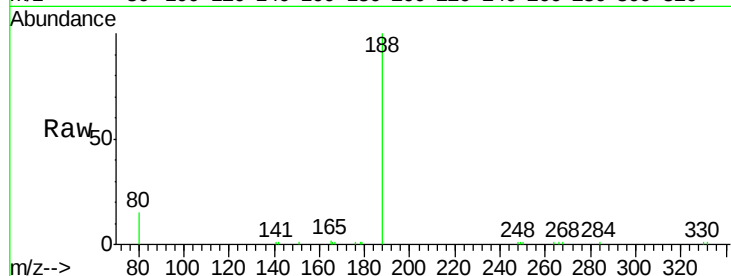
Tot Ion:188 Resp: 6846

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

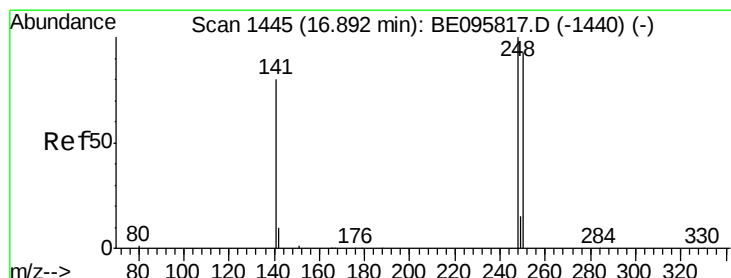
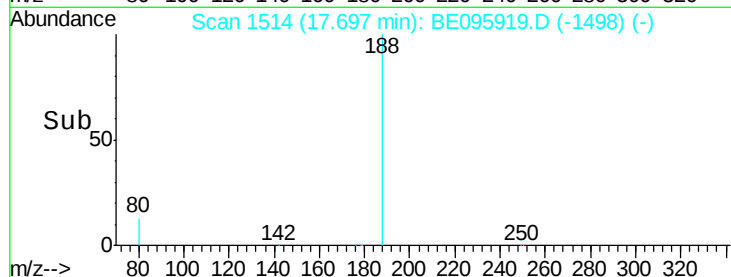
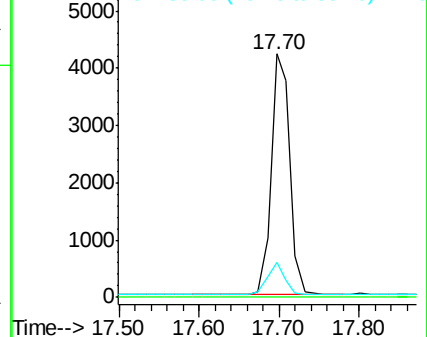
80 14.6 3.6 5.4#



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: 0.408 ng

RT: 16.89 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

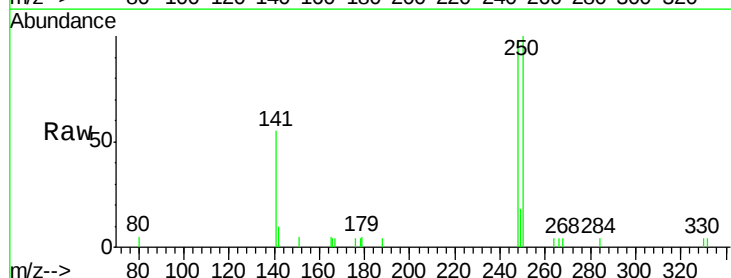
Tgt Ion:248 Resp: 1678

Ion Ratio Lower Upper

248 100

250 101.6 62.7 94.1#

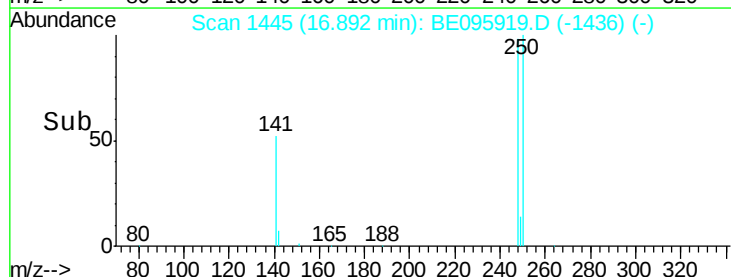
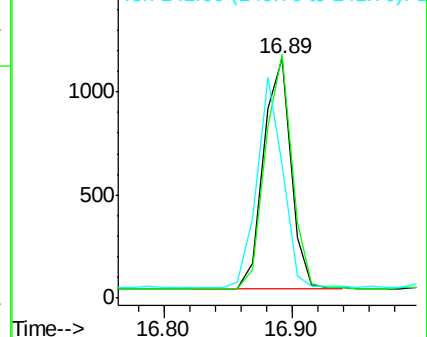
141 55.5 48.2 72.2

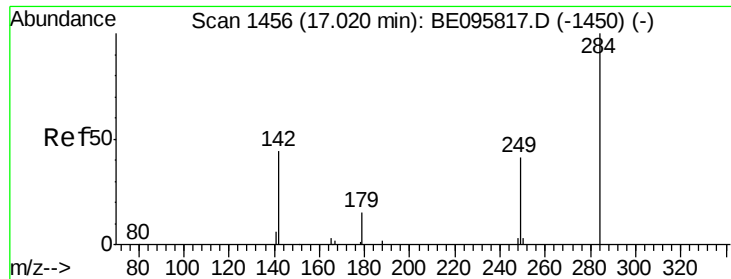


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

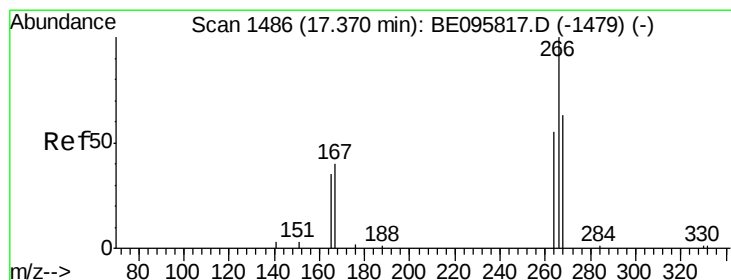
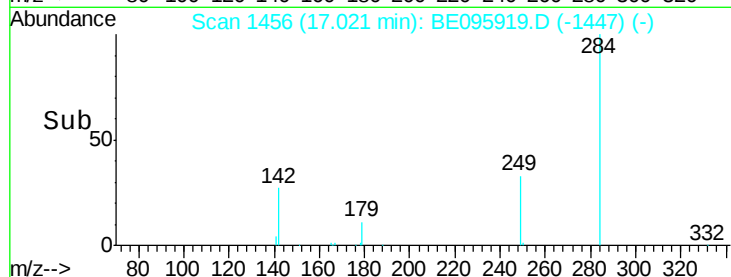
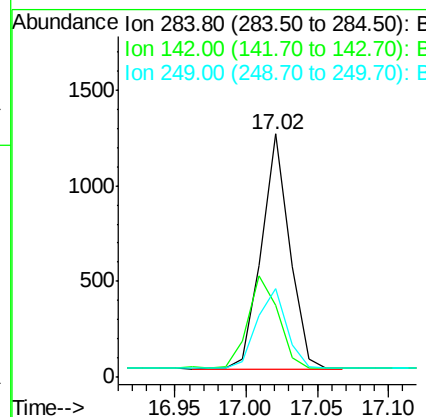
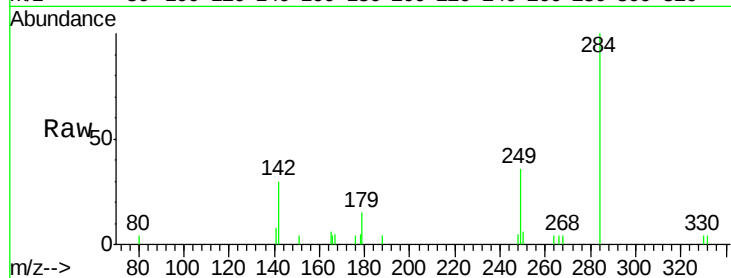




#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 17.02 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

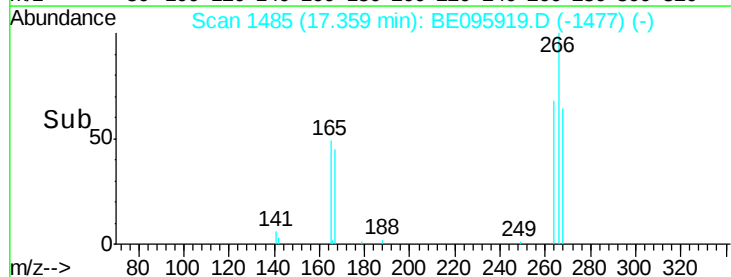
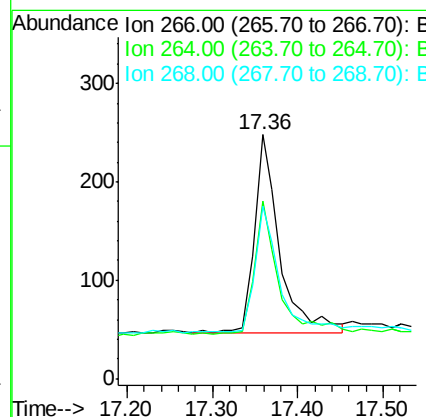
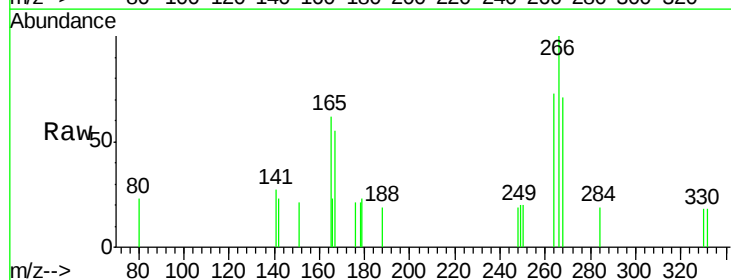
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

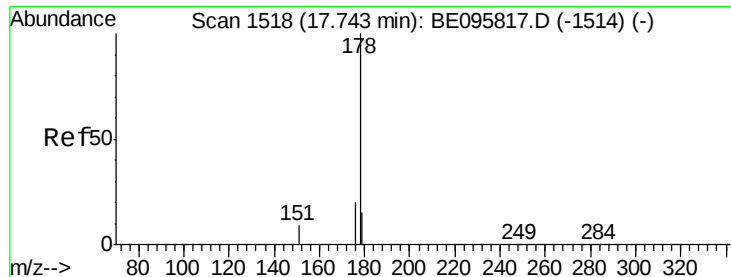
Tot Ion:284 Resp: 1686
Ion Ratio Lower Upper
284 100
142 43.2 22.1 33.1#
249 35.8 34.8 52.2



#22
Pentachlorophenol
Concen: 0.396 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:266 Resp: 412
Ion Ratio Lower Upper
266 100
264 73.0 72.5 108.7
268 70.6 73.8 110.6#





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.74 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

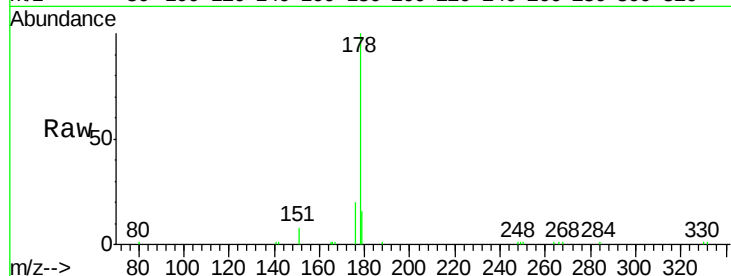
Tot Ion:178 Resp: 8368

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

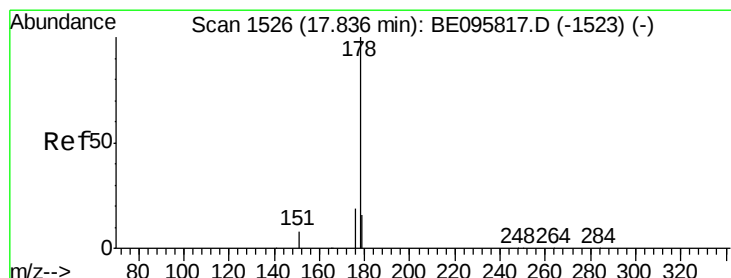
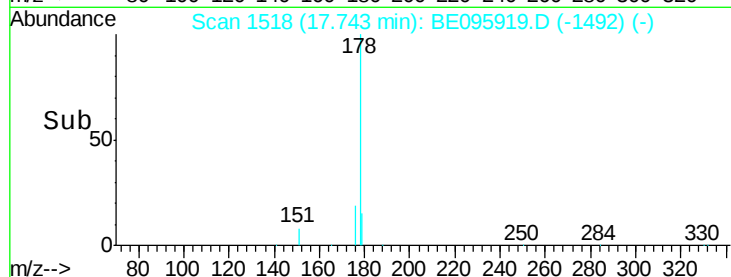
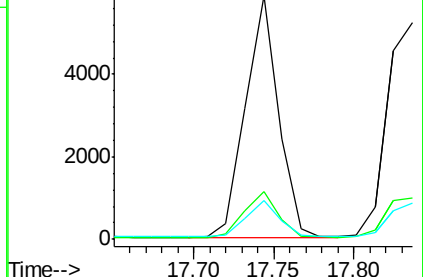
179 14.9 11.8 17.6



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



#24

Anthracene

Concen: 0.407 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

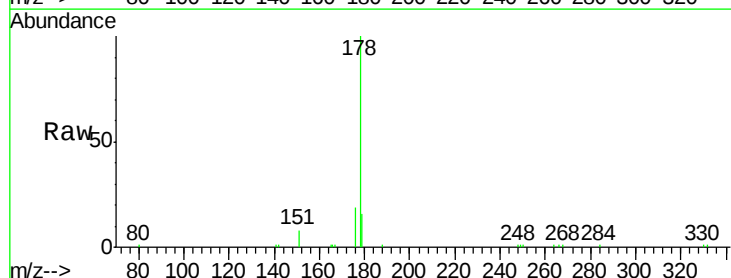
Tgt Ion:178 Resp: 8348

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

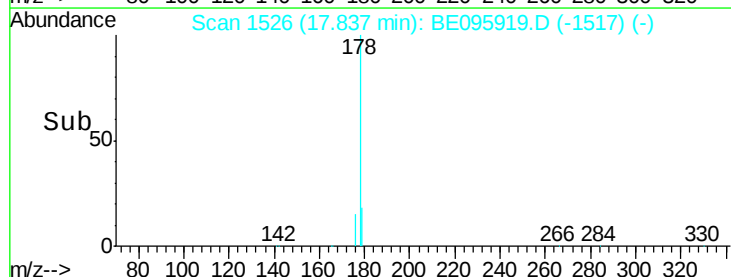
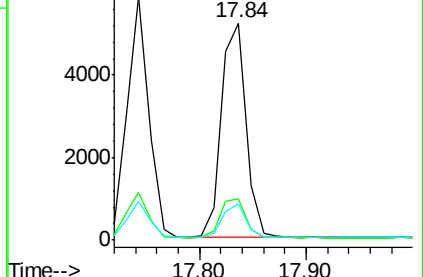
179 14.5 13.0 19.6

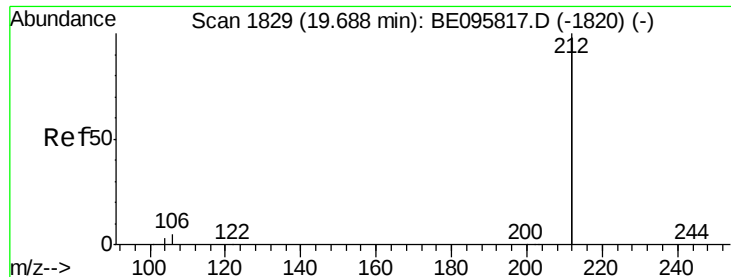


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

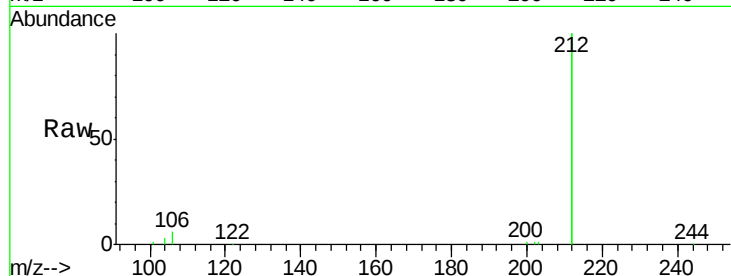
Tot Ion:212 Resp: 37495

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

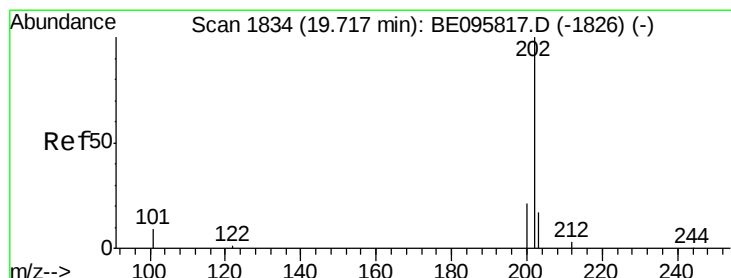
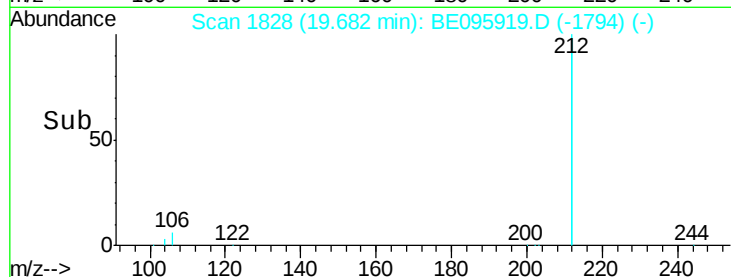
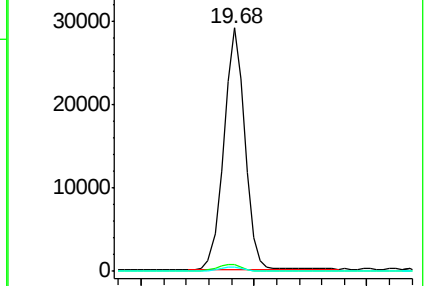
104 1.7 1.6 2.4



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: 0.375 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

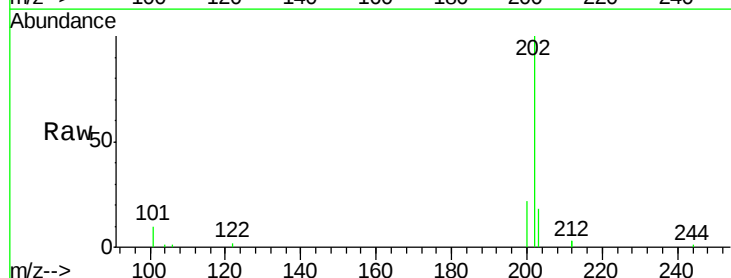
Tgt Ion:202 Resp: 10670

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

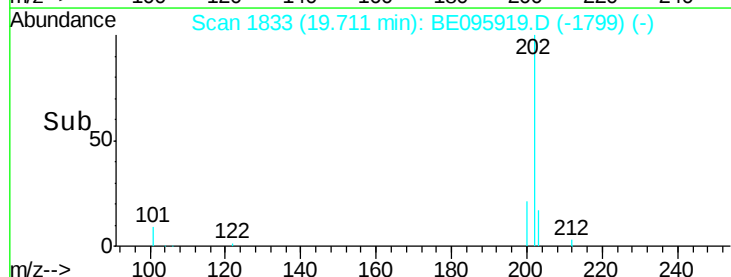
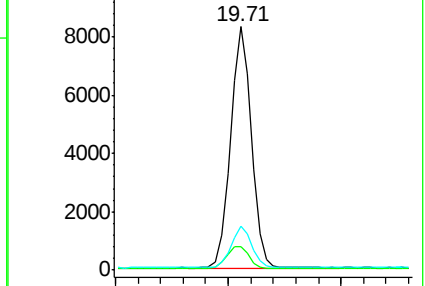
203 17.0 13.7 20.5



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

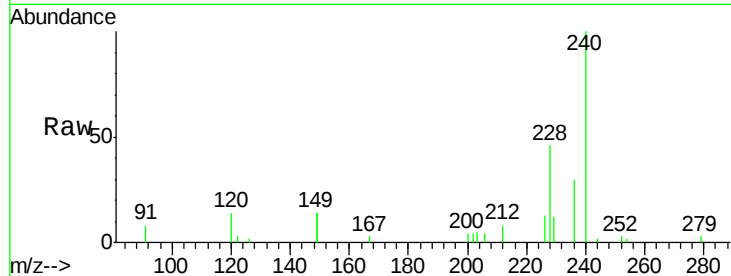




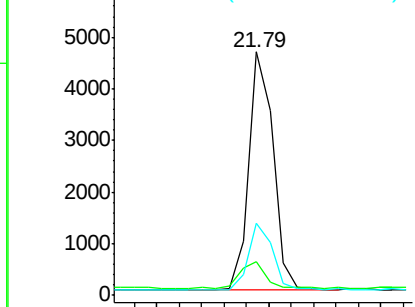
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

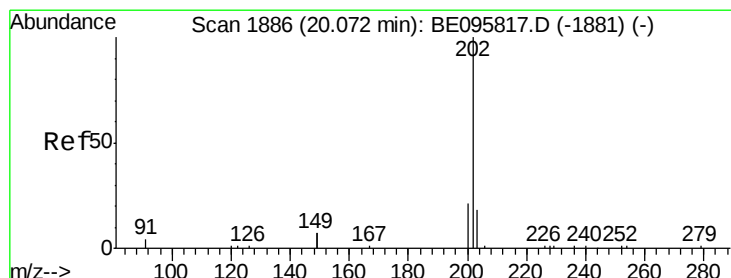
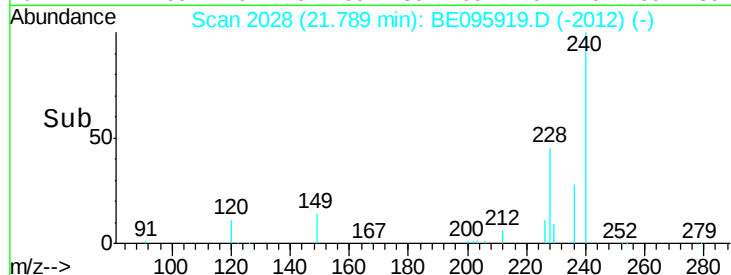
Tot Ion:240 Resp: 7075
Ion Ratio Lower Upper
240 100
120 13.9 5.5 8.3#
236 29.6 20.7 31.1



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

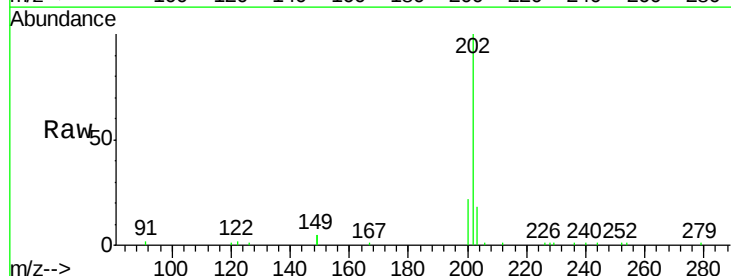


Time-->

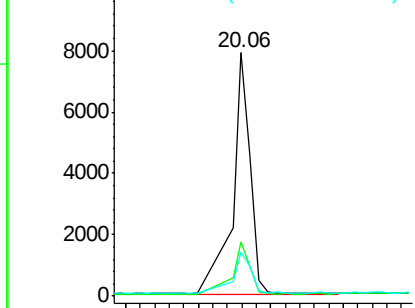


#28
Pyrene
Concen: 0.432 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

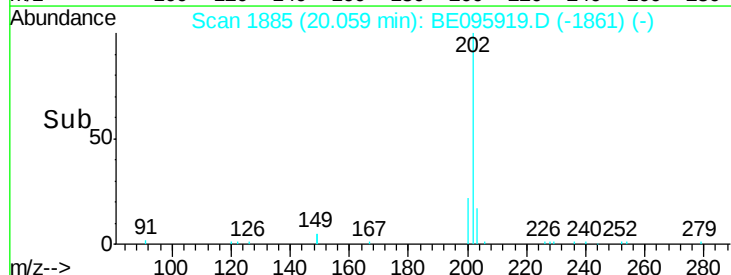
Tgt Ion:202 Resp: 12448
Ion Ratio Lower Upper
202 100
200 24.2 16.6 25.0
203 16.7 13.8 20.8



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



Time-->





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

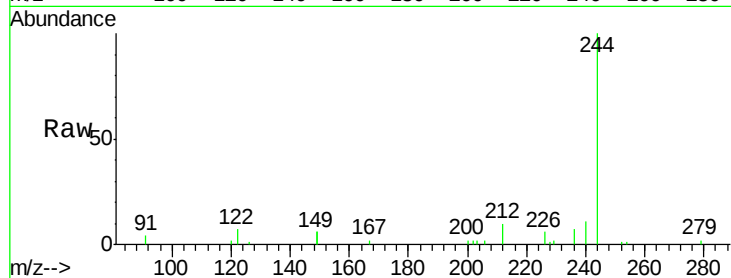
Tot Ion:244 Resp: 6123

Ion Ratio Lower Upper

244 100

212 9.9 25.4 38.0#

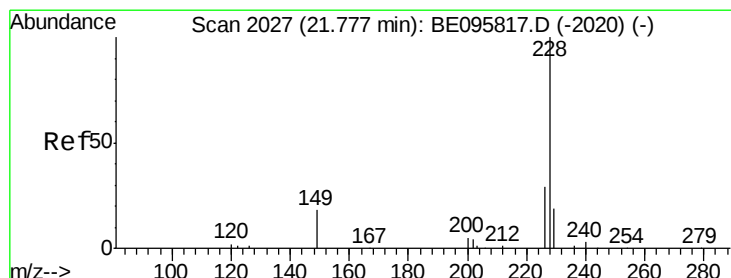
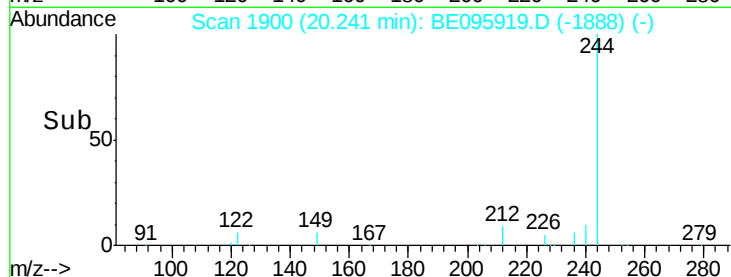
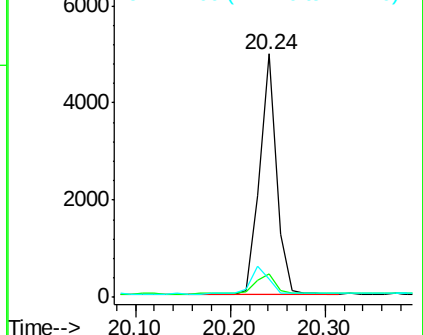
122 7.4 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.409 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

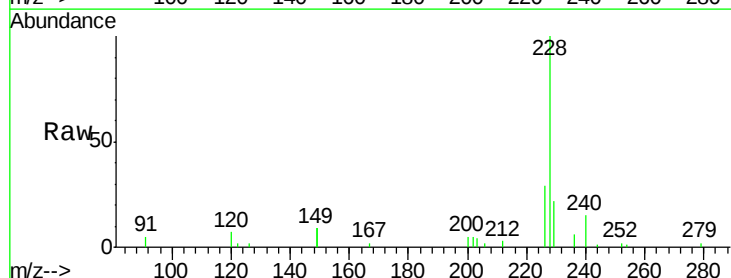
Tgt Ion:228 Resp: 10026

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

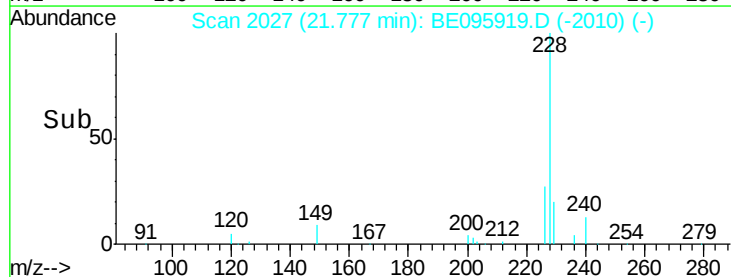
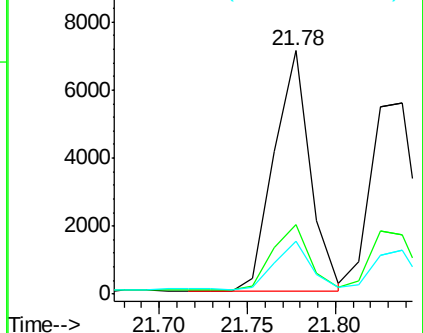
229 21.7 16.0 24.0



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: 0.421 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

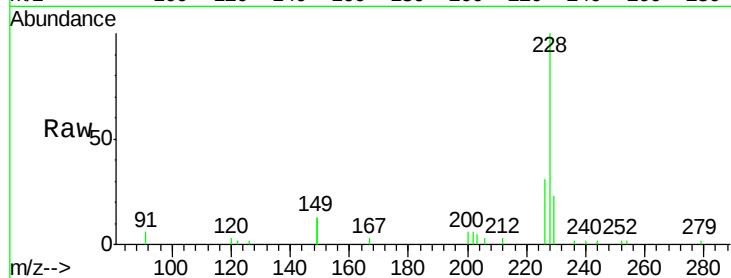
Tot Ion:228 Resp: 9422

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

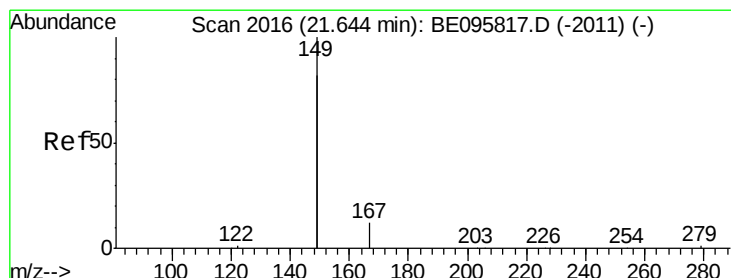
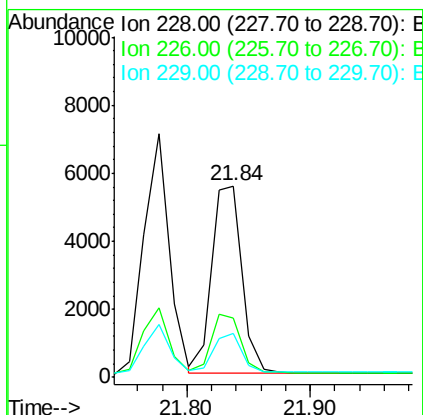
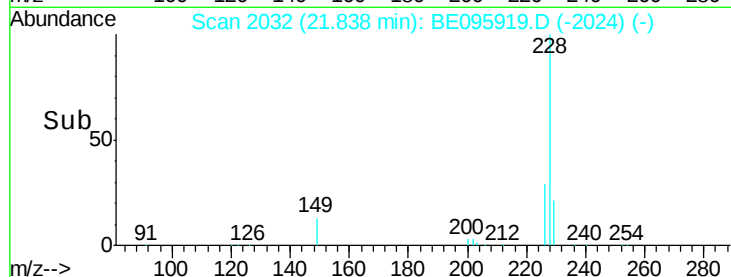
229 22.6 16.0 24.0



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: 0.374 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

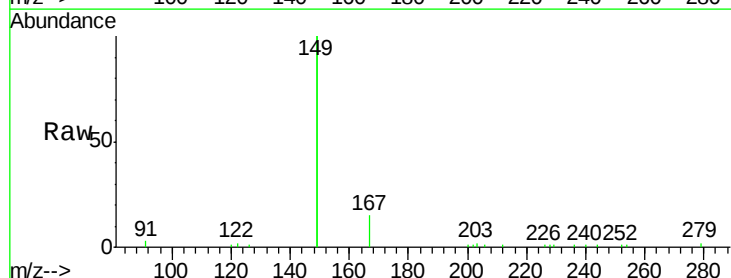
Tgt Ion:149 Resp: 28072

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

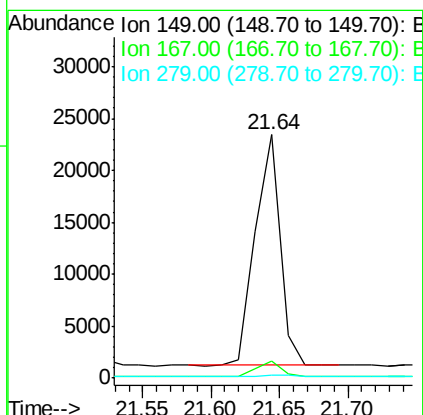
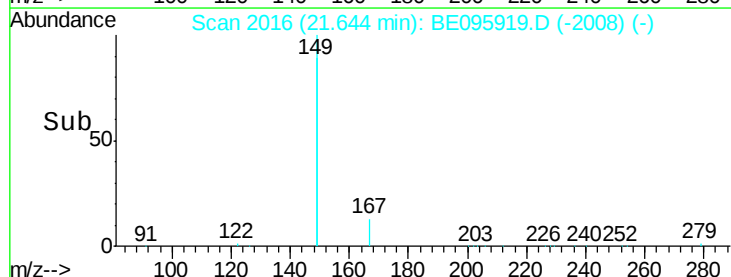
279 1.1 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.425 ng

RT: 27.23 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

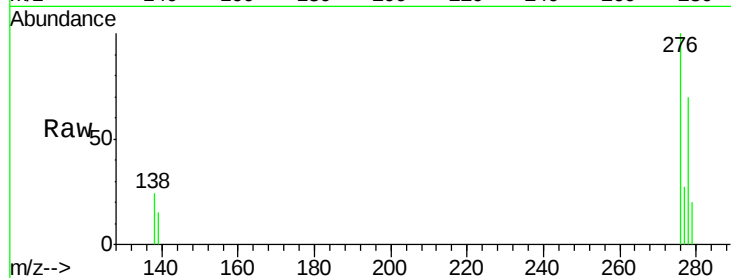
Tot Ion:276 Resp: 10263

Ion Ratio Lower Upper

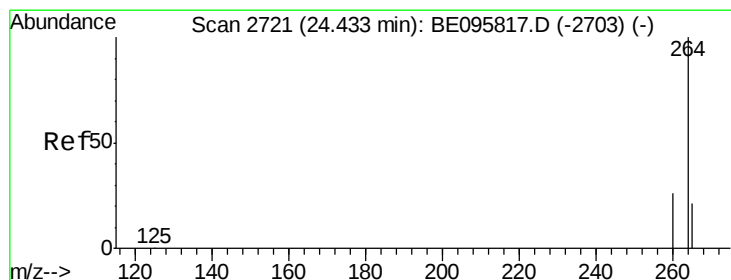
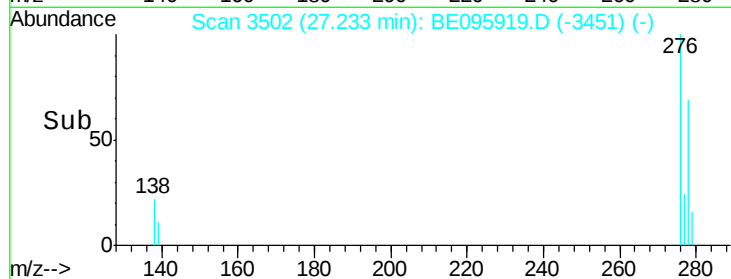
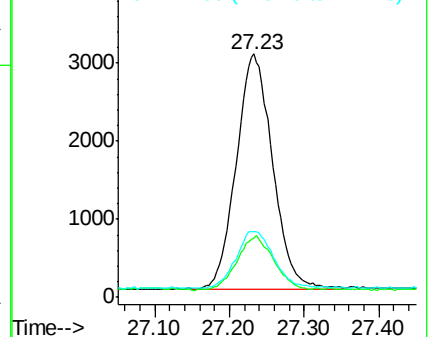
276 100

138 23.0 22.5 33.7

277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

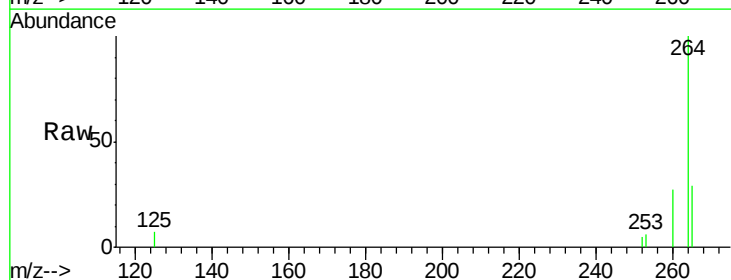
Tgt Ion:264 Resp: 6882

Ion Ratio Lower Upper

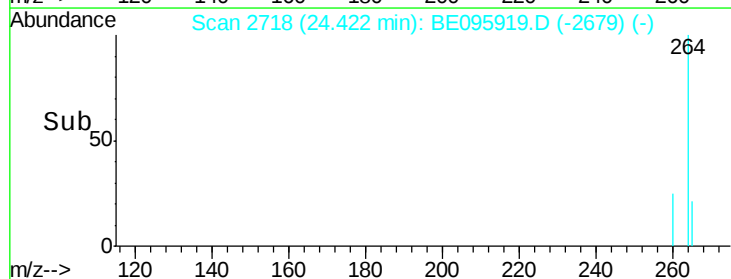
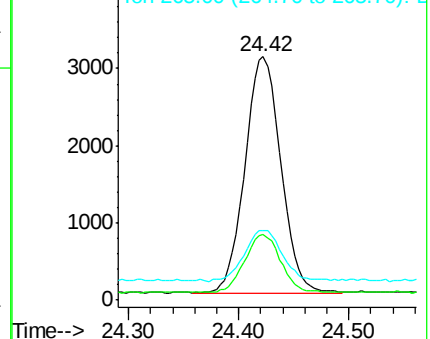
264 100

260 27.2 20.5 30.7

265 28.7 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 23.61 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

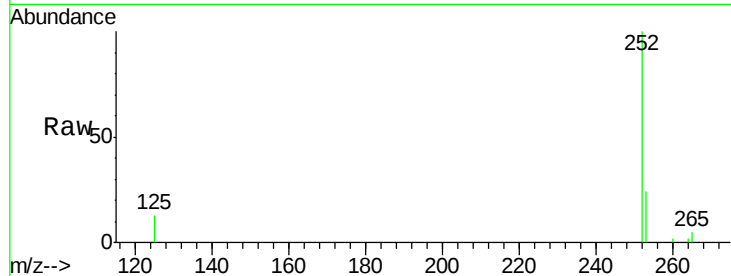
Tot Ion:252 Resp: 9368

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

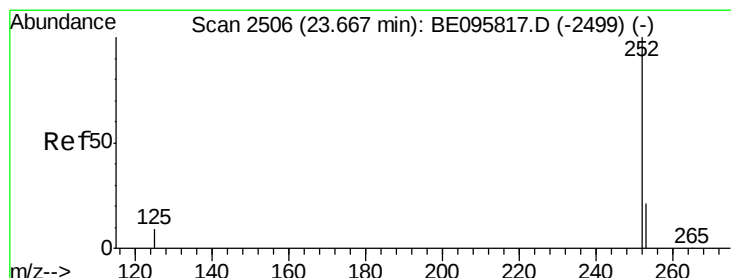
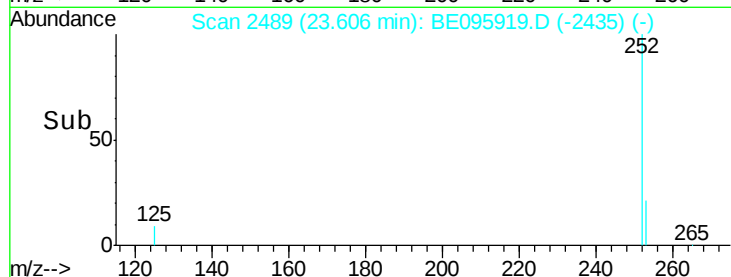
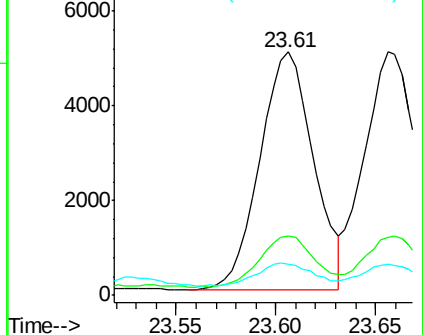
125 12.7 16.0 24.0#



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: 0.419 ng

RT: 23.66 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

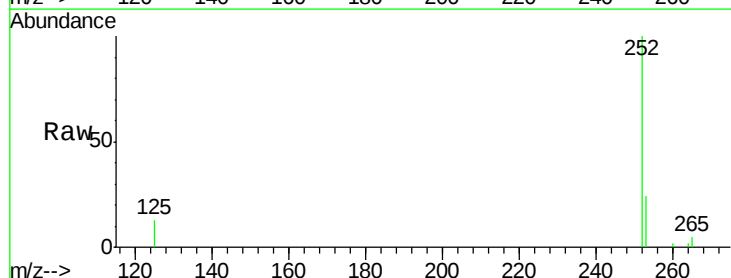
Tgt Ion:252 Resp: 9550

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

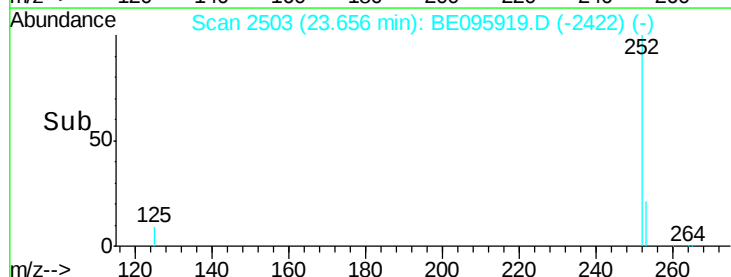
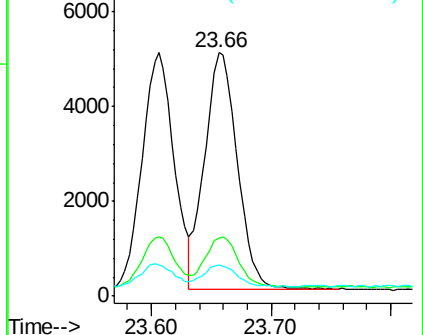
125 12.9 8.0 12.0#



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: 0.413 ng

RT: 24.30 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

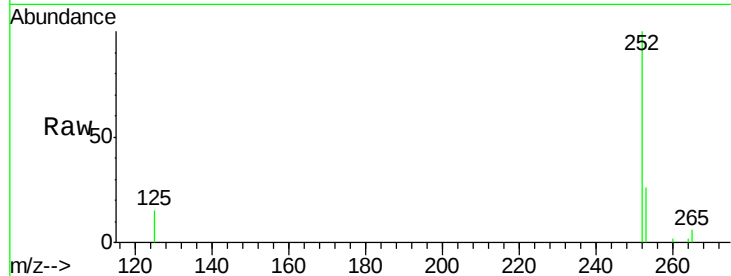
Tot Ion:252 Resp: 8824

Ion Ratio Lower Upper

252 100

253 26.0 16.0 24.0#

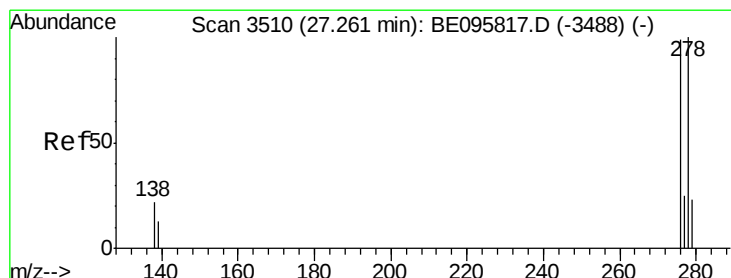
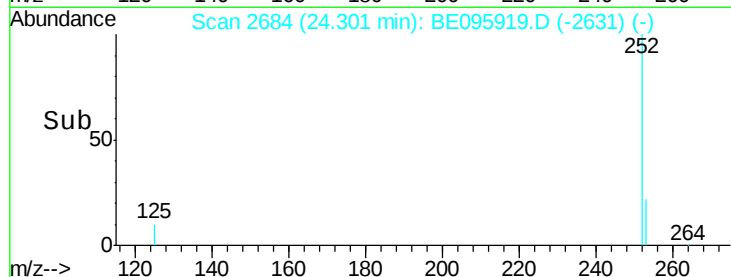
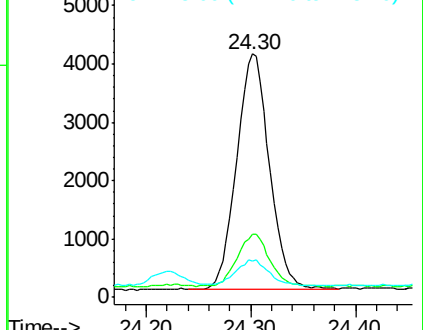
125 15.1 12.0 18.0



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: 0.410 ng

RT: 27.24 min Scan# 3505

Delta R.T. -0.02 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

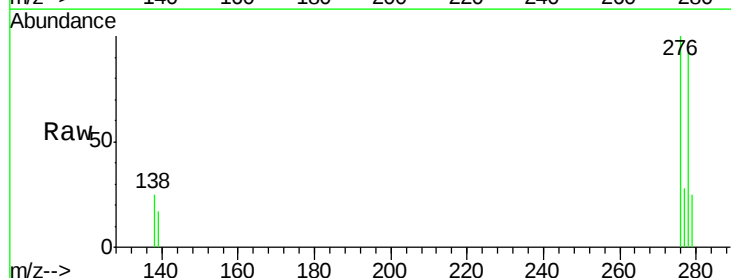
Tgt Ion:278 Resp: 8310

Ion Ratio Lower Upper

278 100

139 18.6 16.0 24.0

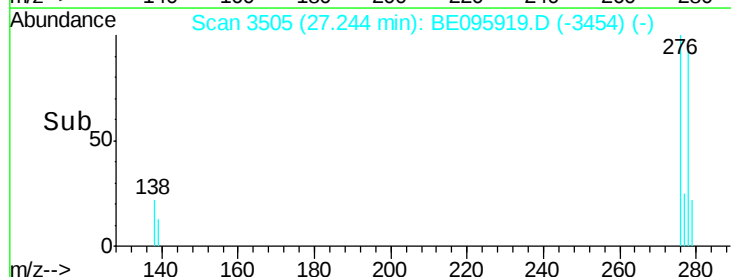
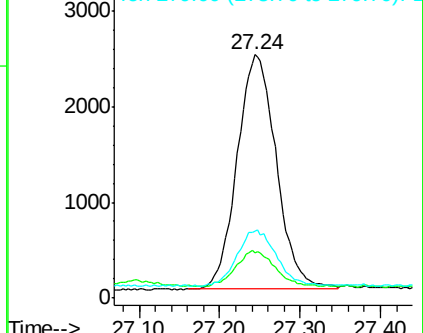
279 27.4 20.0 30.0

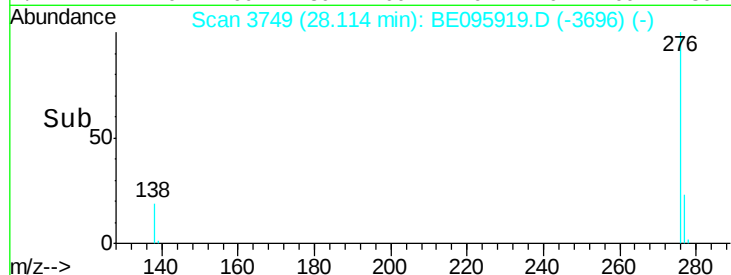
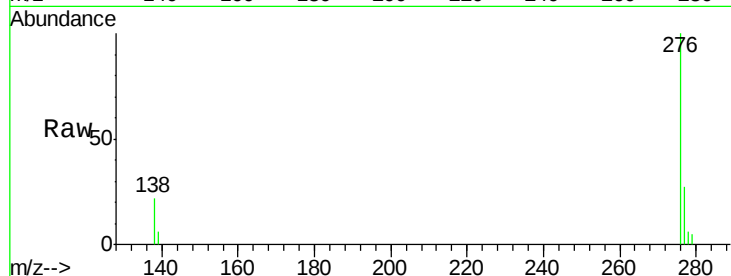
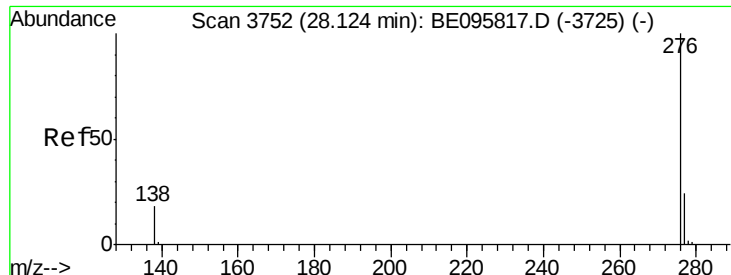


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.418 ng

RT: 28.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BE095919.D

Acq: 2 Apr 2018 10:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:276 Resp: 8520

Ion Ratio Lower Upper

276 100

277 27.3 16.0 24.0#

138 22.1 20.0 30.0

