

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095927.D
 Acq On : 2 Apr 2018 14:57
 Operator : SJ/JU
 Sample : J2116-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SY-3D-20180327MSD

Quant Time: Apr 03 03:50:17 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	860	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3315	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	1887	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	4241	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	4743	0.40	ng	-0.01
34) Perylene-d12	24.42	264	4795	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	639	0.23	ng	0.00
5) Phenol-d6	7.56	99	595	0.15	ng	0.00
8) Nitrobenzene-d5	9.59	82	2203	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3021	0.55	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	571	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5089	0.64	ng	-0.01
25) Fluoranthene-d10	19.68	212	33155	0.53	ng	0.00
29) Terphenyl-d14	20.24	244	6755	0.67	ng	0.00

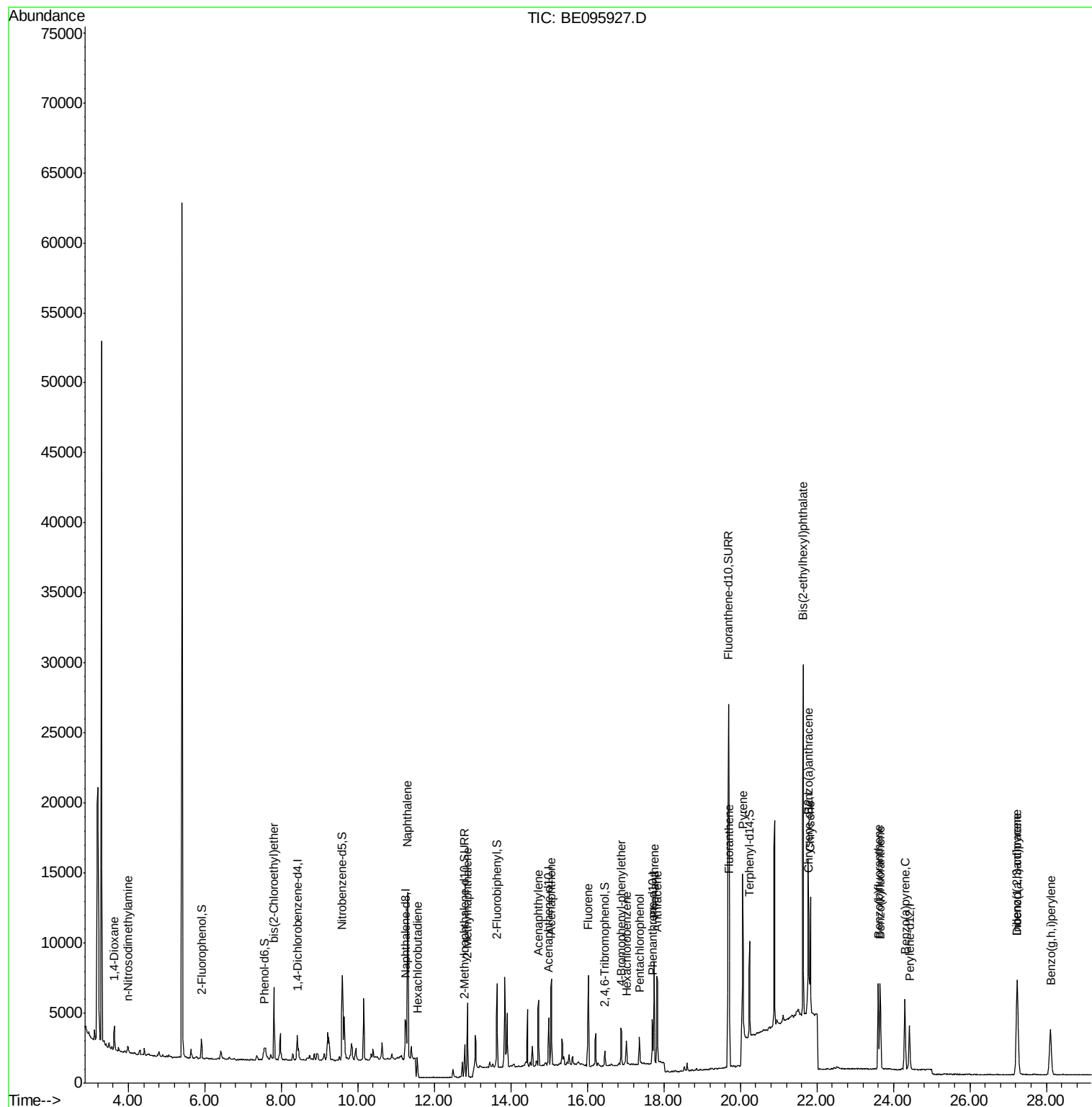
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	987	0.701	ng	# 81
3) n-Nitrosodimethylamine	3.98	42	365	0.177	ng	# 80
6) bis(2-Chloroethyl)ether	7.81	93	1684	0.501	ng	94
9) Naphthalene	11.30	128	20501	0.541	ng	99
10) Hexachlorobutadiene	11.55	225	1168	0.449	ng	95
12) 2-Methylnaphthalene	12.86	142	3681	0.569	ng	98
16) Acenaphthylene	14.73	152	5580	0.517	ng	98
17) Acenaphthene	15.06	154	3279	0.498	ng	94
18) Fluorene	16.02	166	4397	0.508	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1438	0.564	ng	# 81
21) Hexachlorobenzene	17.02	284	1369	0.538	ng	# 80
22) Pentachlorophenol	17.36	266	1024	1.196	ng	# 75
23) Phenanthrene	17.74	178	7164	0.564	ng	98
24) Anthracene	17.82	178	7318	0.576	ng	# 95
26) Fluoranthene	19.71	202	9252	0.525	ng	97
28) Pyrene	20.06	202	9673	0.501	ng	# 90
30) Benzo(a)anthracene	21.78	228	9070	0.551	ng	97
31) Chrysene	21.83	228	8527	0.568	ng	94
32) Bis(2-ethylhexyl)phthalate	21.64	149	28667	0.570	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	9633	0.596	ng	95
35) Benzo(b)fluoranthene	23.61	252	8820	0.556	ng	# 94
36) Benzo(k)fluoranthene	23.66	252	8572	0.540	ng	# 91
37) Benzo(a)pyrene	24.30	252	8435	0.567	ng	# 94
38) Dibenzo(a,h)anthracene	27.24	278	7915	0.560	ng	97
39) Benzo(g,h,i)perylene	28.11	276	8158	0.575	ng	# 90

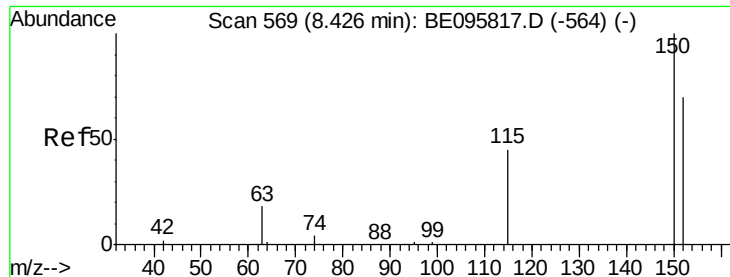
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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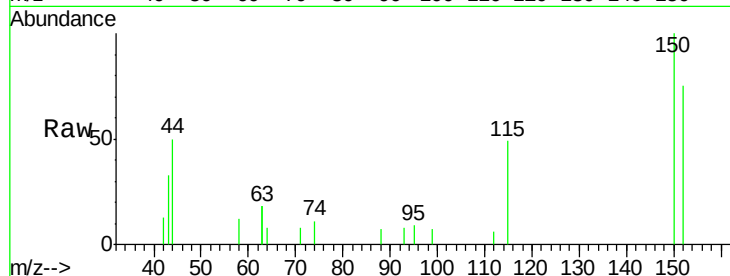


#1

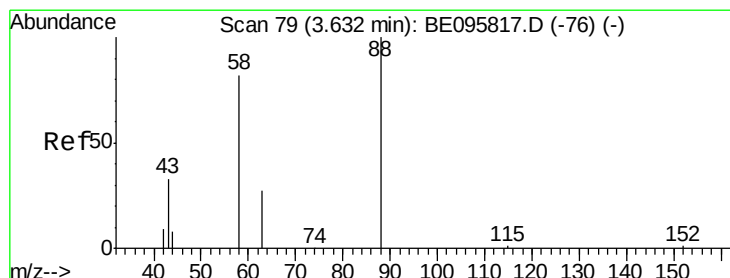
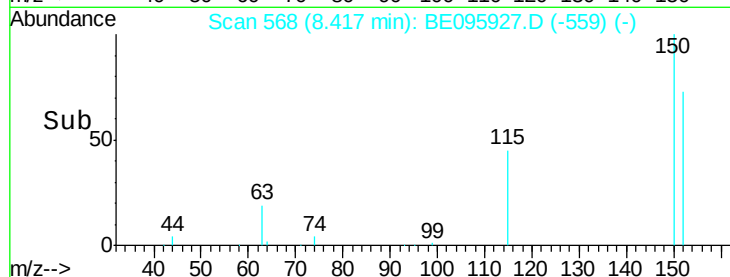
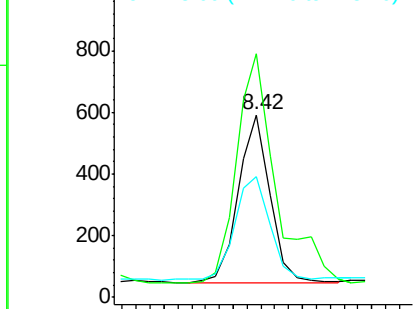
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tot Ion:152 Resp: 860
Ion Ratio Lower Upper
152 100
150 133.5 117.2 175.8
115 66.0 57.0 85.6



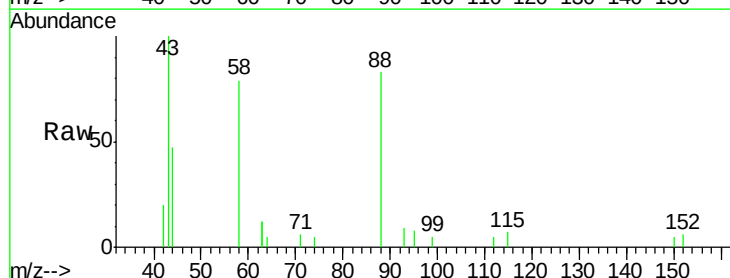
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



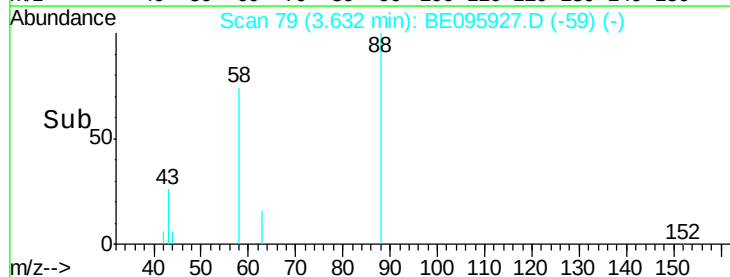
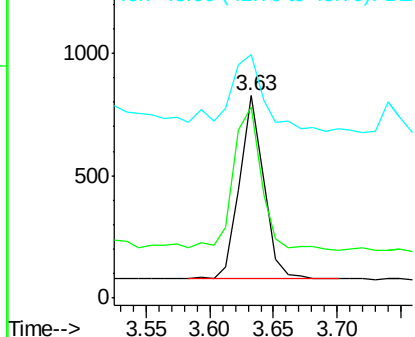
#2

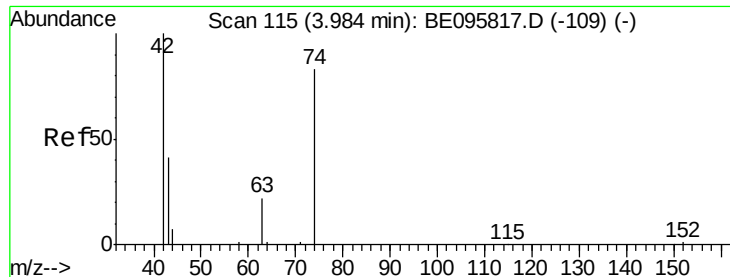
1,4-Dioxane
Concen: 0.701 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion: 88 Resp: 987
Ion Ratio Lower Upper
88 100
58 92.9 63.2 94.8
43 67.9 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



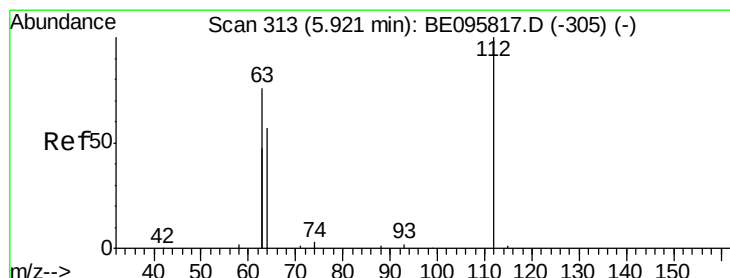
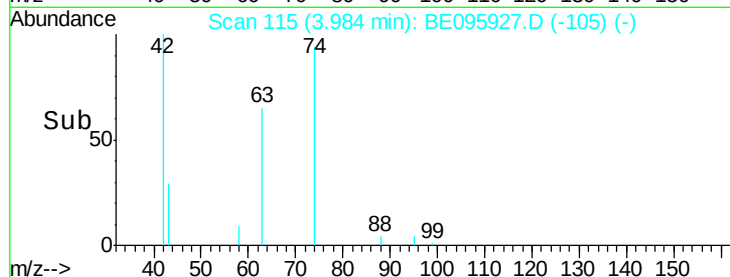
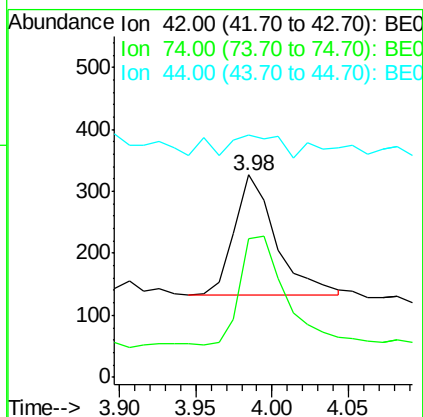
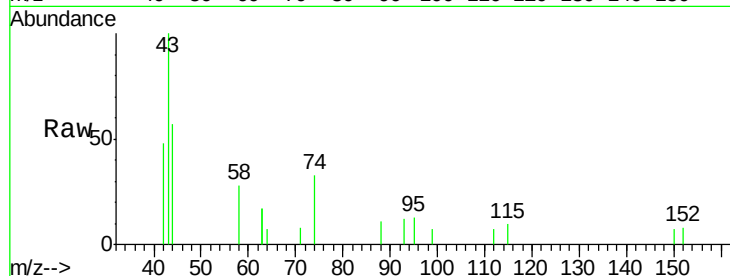


#3

n-Nitrosodimethylamine
 Concen: 0.177 ng
 RT: 3.98 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095927.D
 Acq: 2 Apr 2018 14:57

Instrument :
 BNA_E
 ClientSampleId :
 SY-3D-20180327MSD

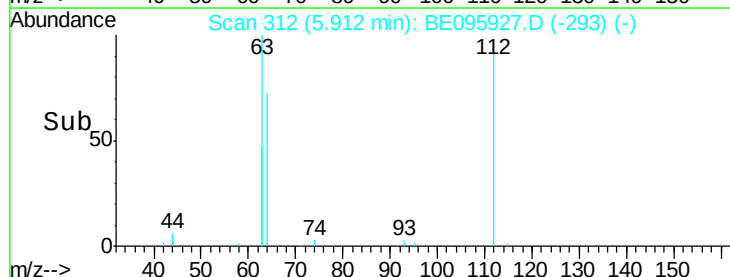
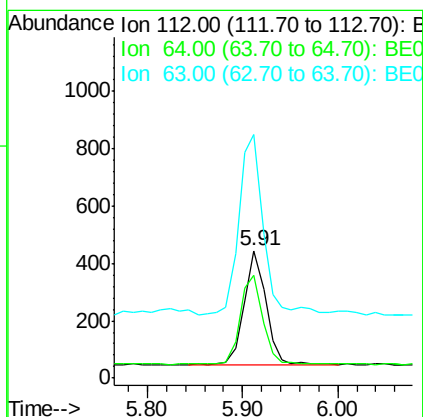
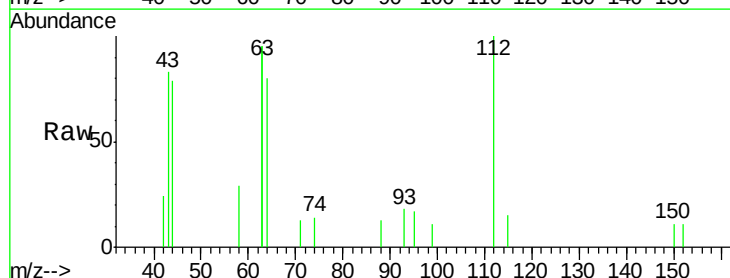
Tot Ion	Ratio	Lower	Upper
42	100		
74	98.4	96.0	144.0
44	26.8	12.0	18.0#

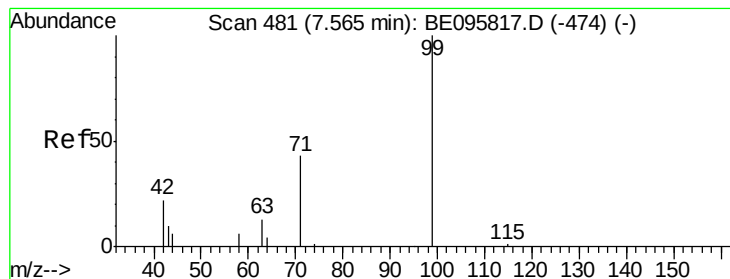


#4

2-Fluorophenol
 Concen: 0.225 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095927.D
 Acq: 2 Apr 2018 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.0	60.1	90.1
63	174.6	116.8	175.2





#5

Phenol-d6

Concen: 0.153 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

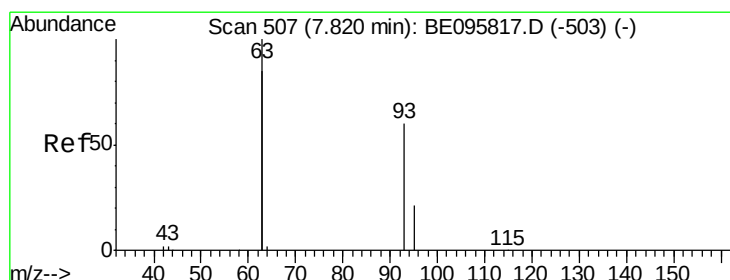
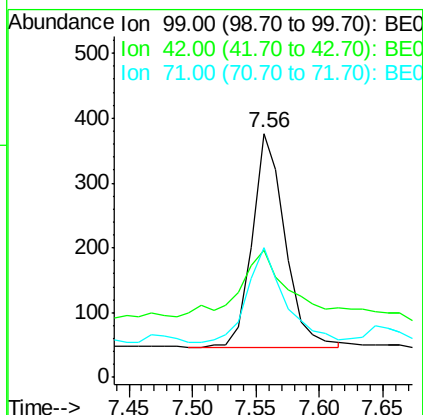
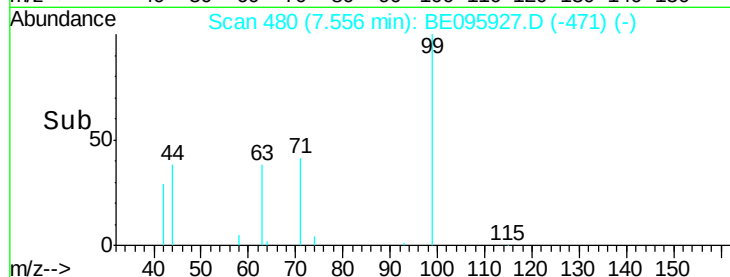
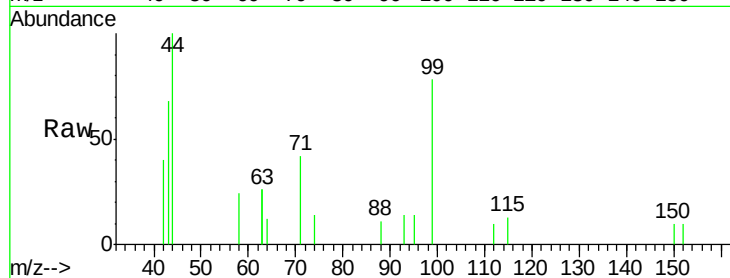
Tot Ion: 99 Resp: 595

Ion Ratio Lower Upper

99 100

42 43.9 20.2 30.2#

71 50.4 28.4 42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.501 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

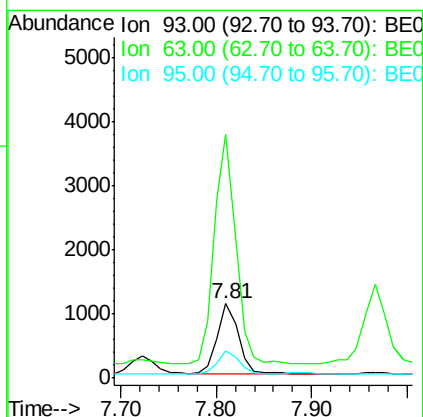
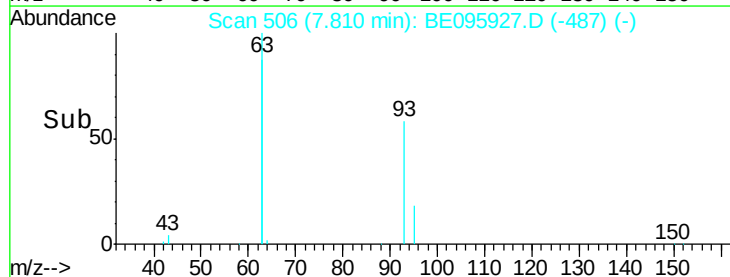
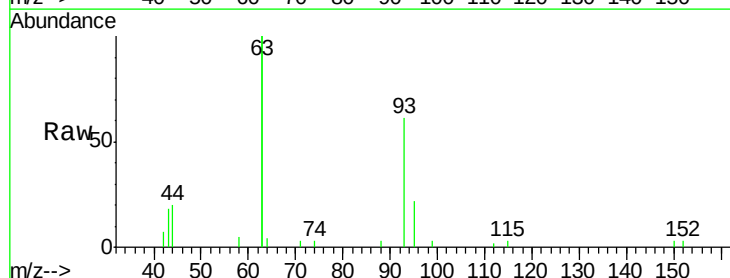
Tgt Ion: 93 Resp: 1684

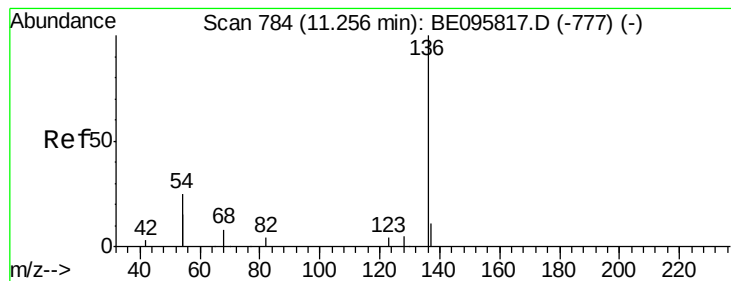
Ion Ratio Lower Upper

93 100

63 331.6 275.3 412.9

95 33.4 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

Tot Ion:136 Resp: 3315

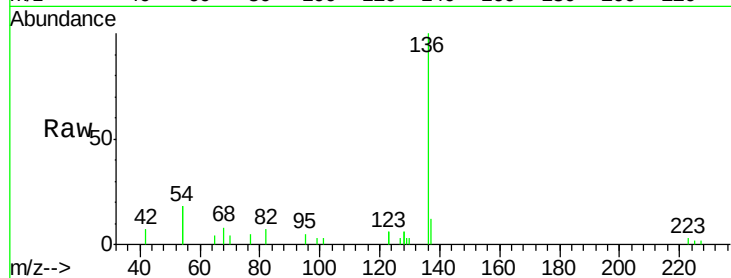
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 37.0 29.1 43.7

68 8.1 6.2 9.2

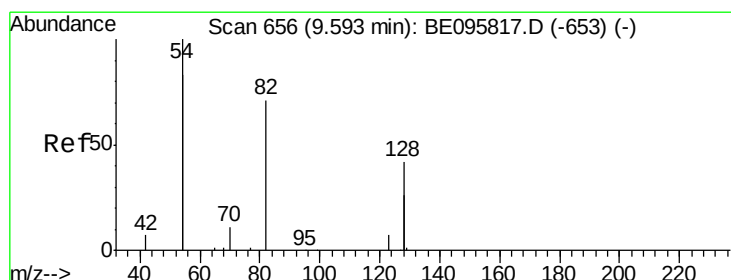
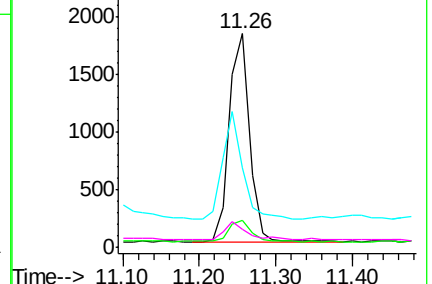
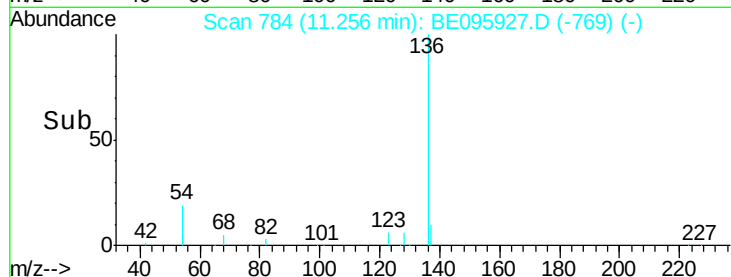


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.563 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

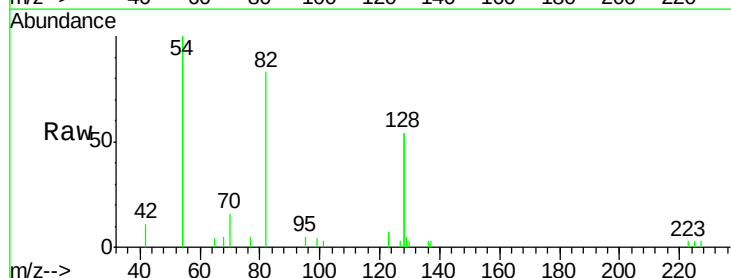
Tgt Ion: 82 Resp: 2203

Ion Ratio Lower Upper

82 100

128 128.4 150.0 225.0#

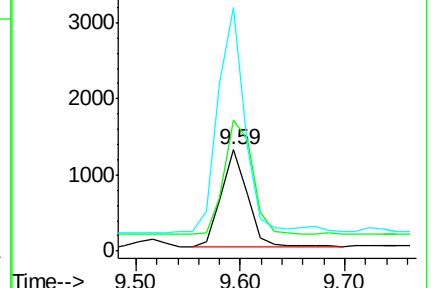
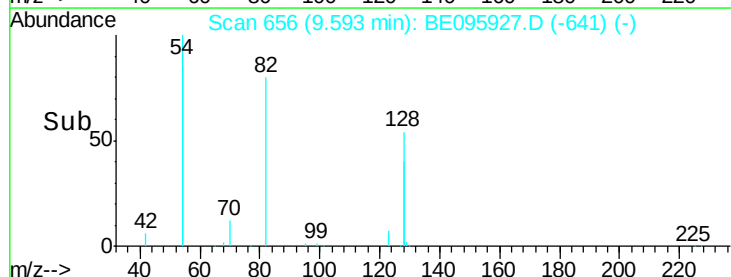
54 239.9 154.2 231.4#

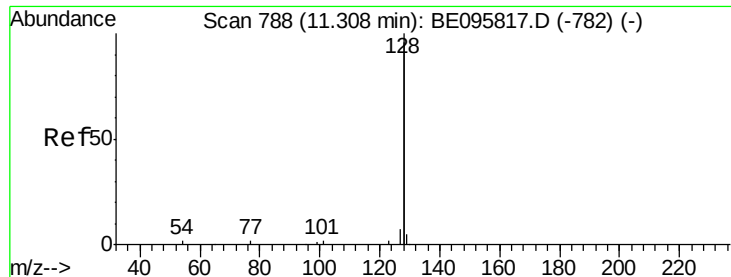


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.541 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

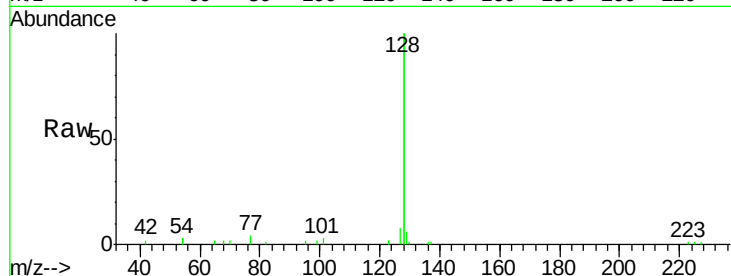
Tot Ion:128 Resp: 20501

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

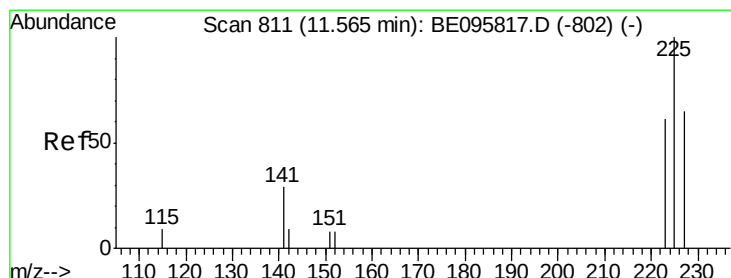
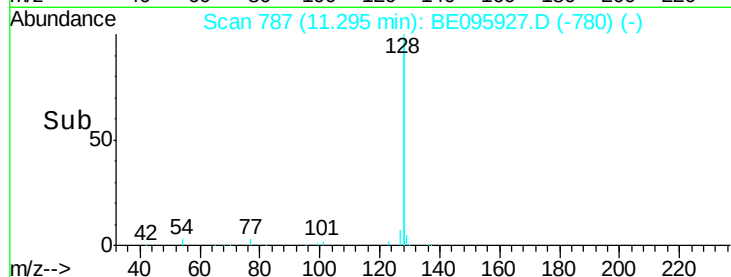
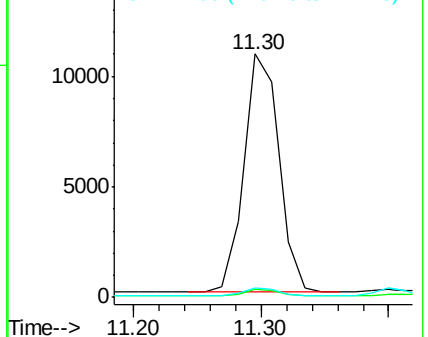
127 4.0 2.8 4.2



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: 0.449 ng

RT: 11.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

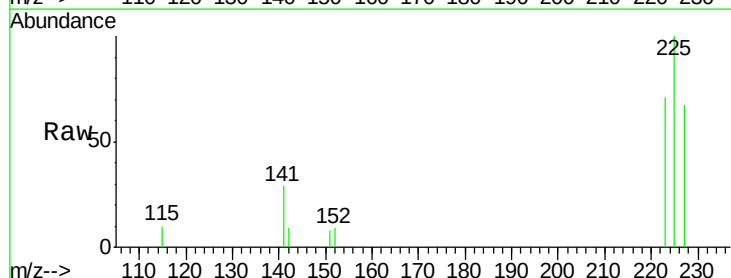
Tgt Ion:225 Resp: 1168

Ion Ratio Lower Upper

225 100

223 68.1 53.0 79.6

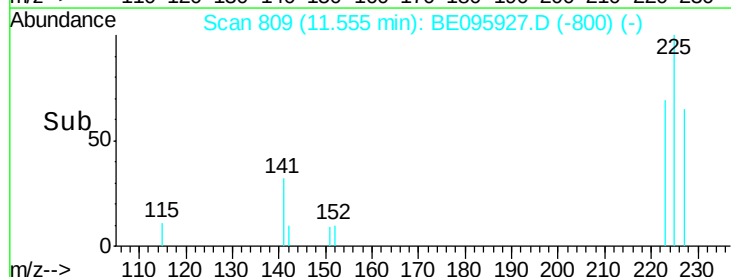
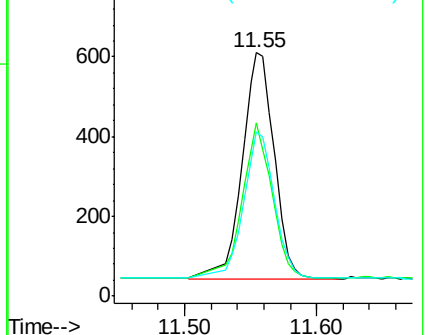
227 69.8 51.4 77.2

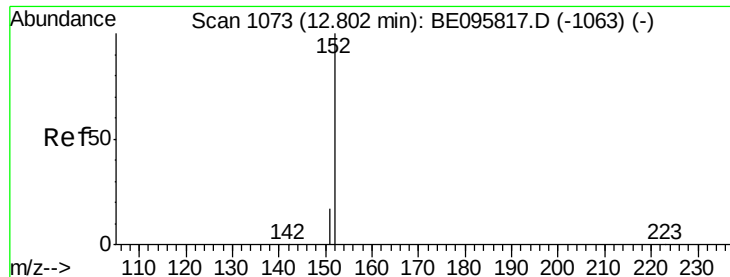


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.546 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

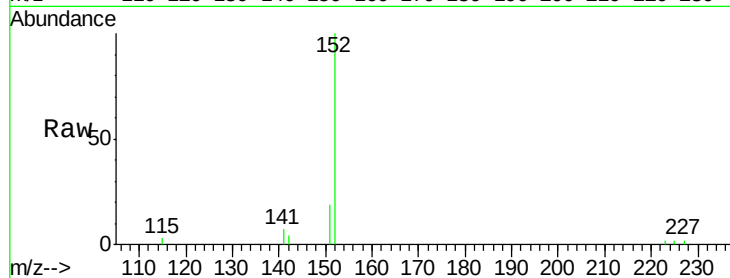
SY-3D-20180327MSD

Tot Ion:152 Resp: 3021

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

12.79

2000

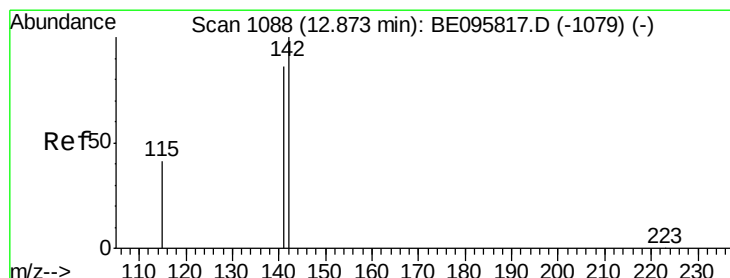
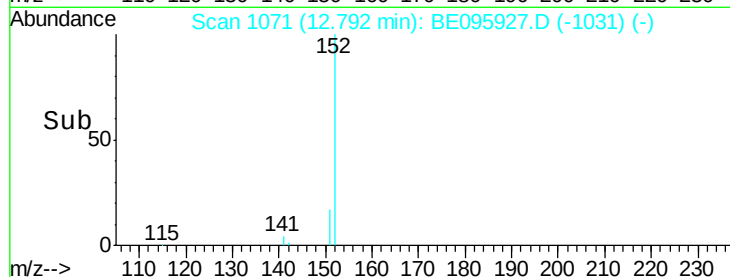
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.569 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

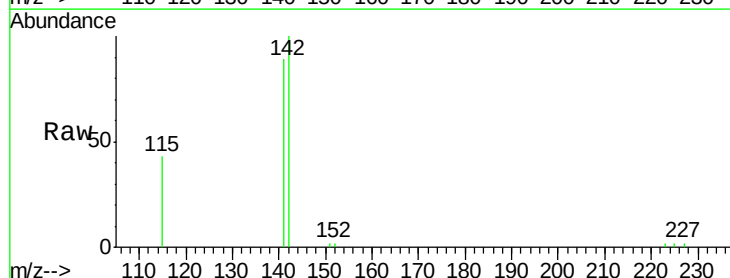
Tgt Ion:142 Resp: 3681

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

115 42.7 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

3000

2500

2000

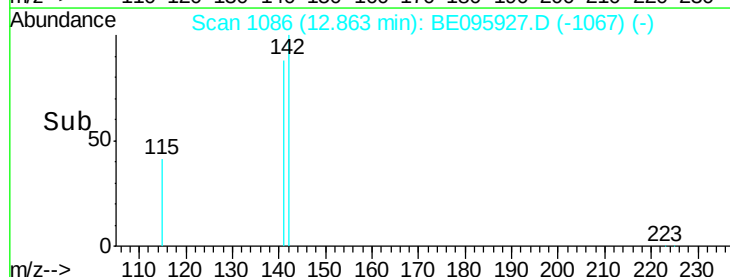
1500

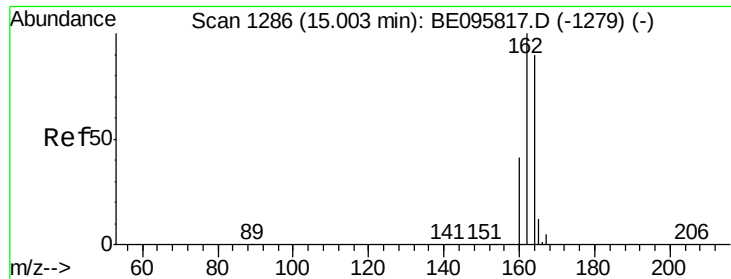
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

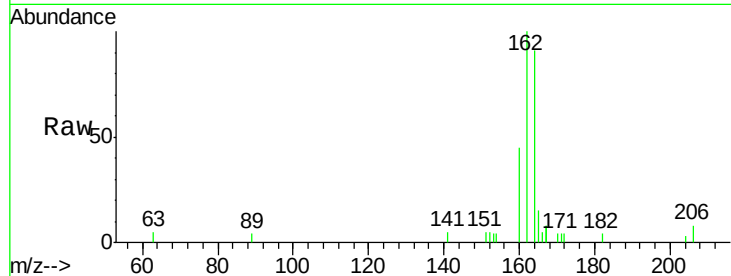
Tot Ion:164 Resp: 1887

Ion Ratio Lower Upper

164 100

162 109.7 83.1 124.7

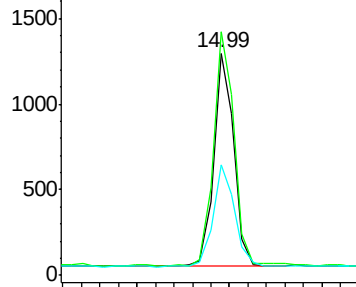
160 49.6 37.1 55.7



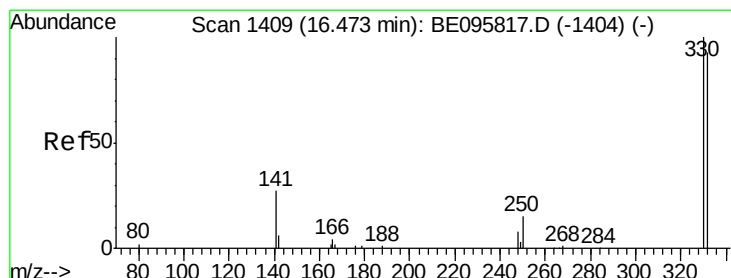
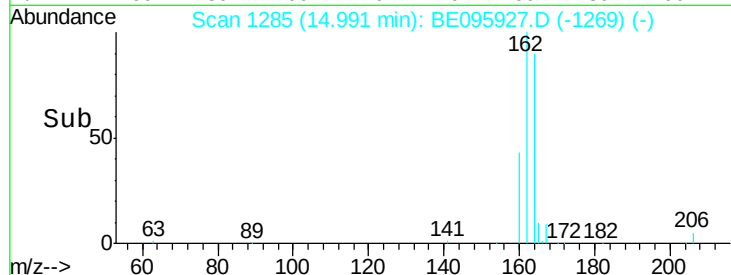
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.524 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

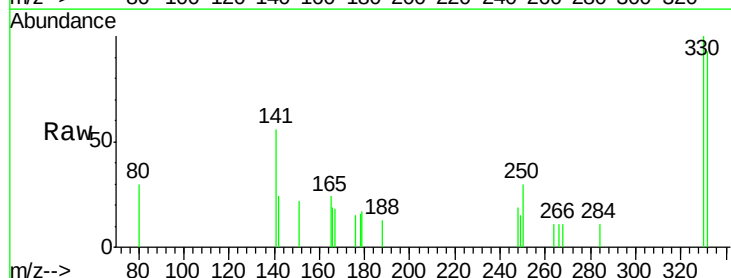
Tgt Ion:330 Resp: 571

Ion Ratio Lower Upper

330 100

332 94.2 152.7 229.1#

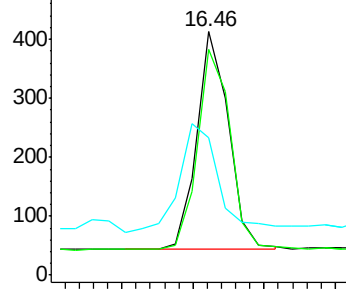
141 62.9 33.7 50.5#



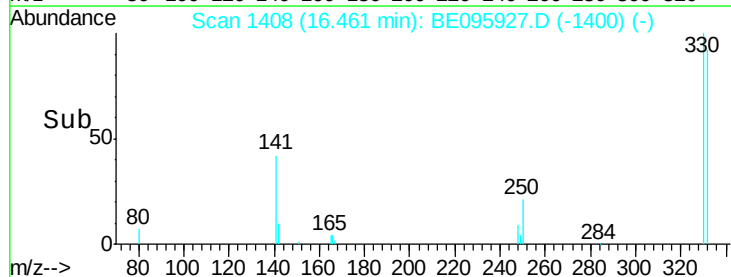
Abundance Ion 330.00 (329.70 to 330.70): E

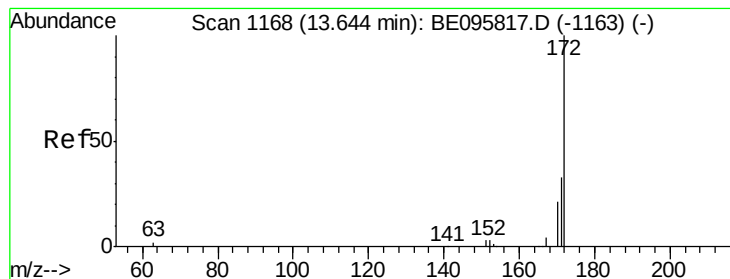
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.640 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

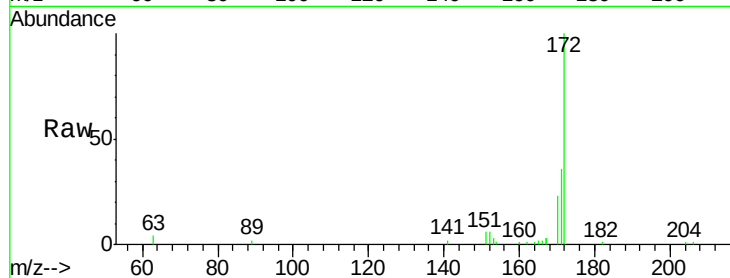
Tot Ion:172 Resp: 5089

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

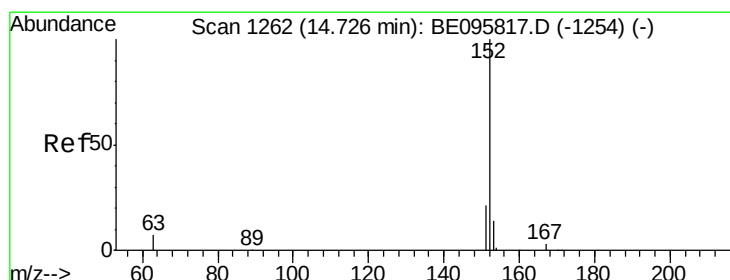
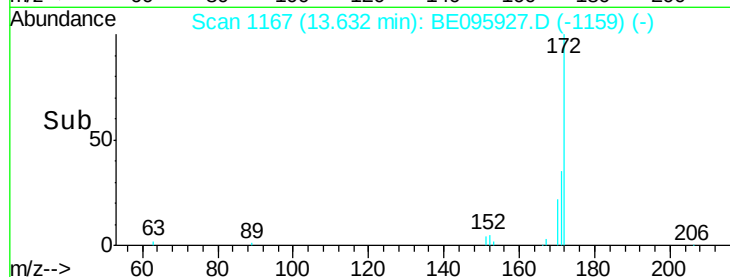
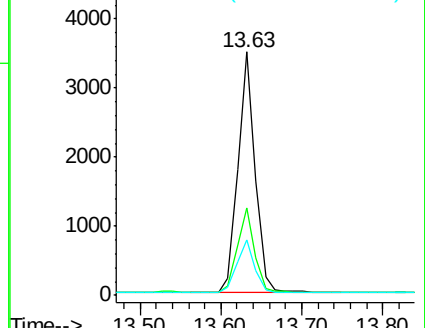
170 23.0 21.8 32.8



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: 0.517 ng

RT: 14.73 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

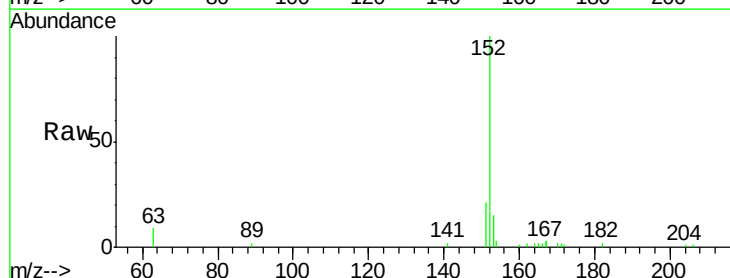
Tgt Ion:152 Resp: 5580

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

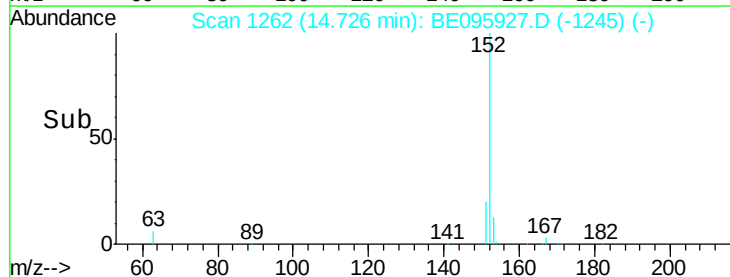
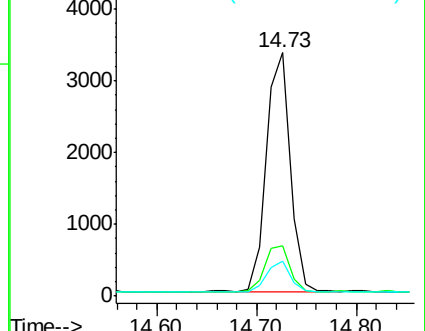
153 12.7 10.5 15.7

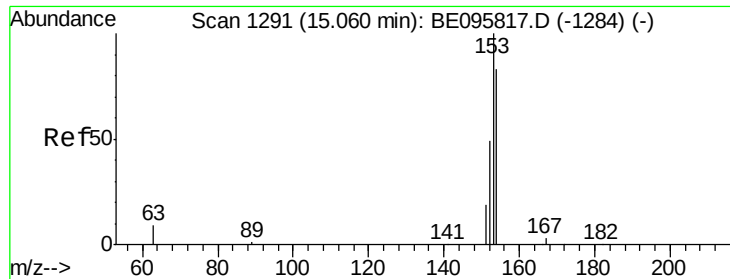


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

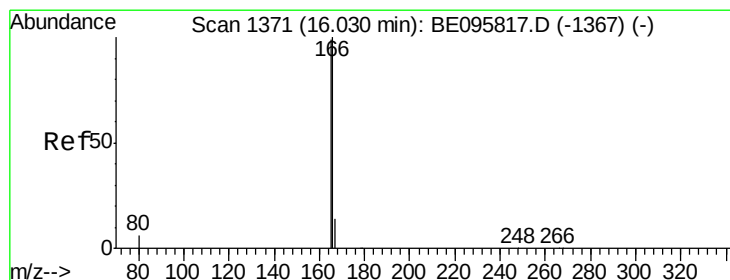
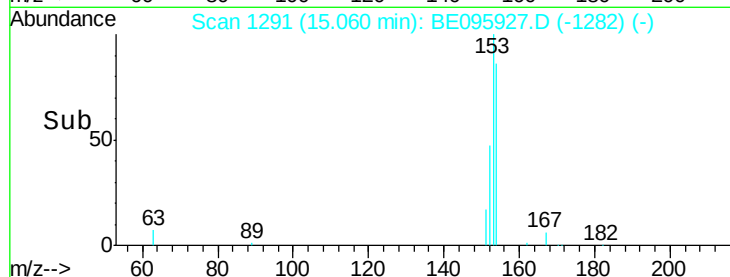
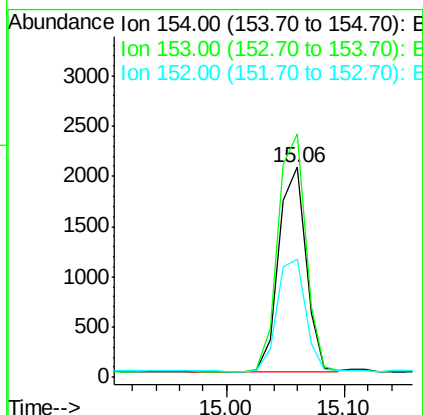
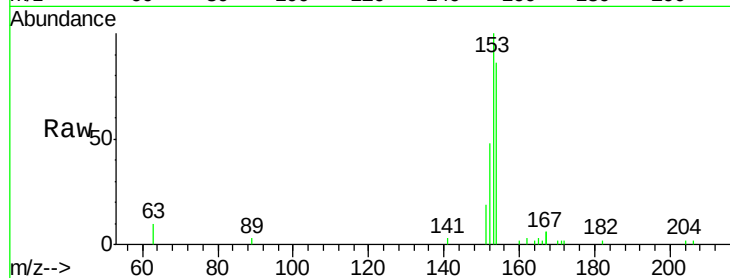




#17
Acenaphthene
Concen: 0.498 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

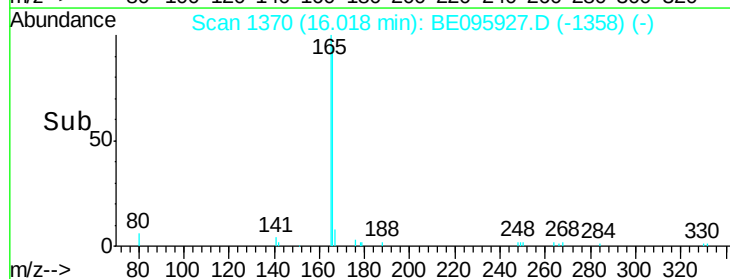
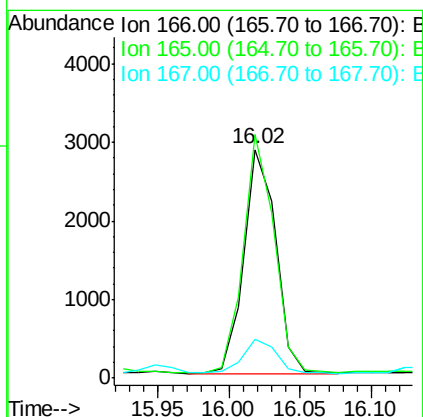
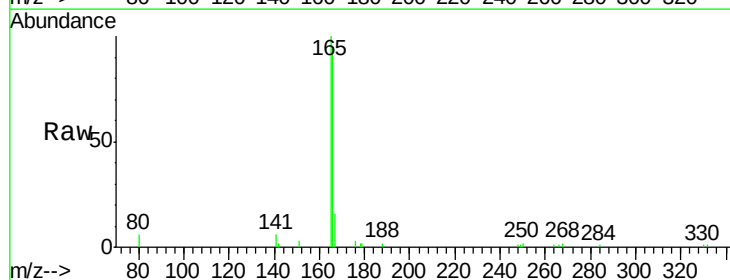
Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

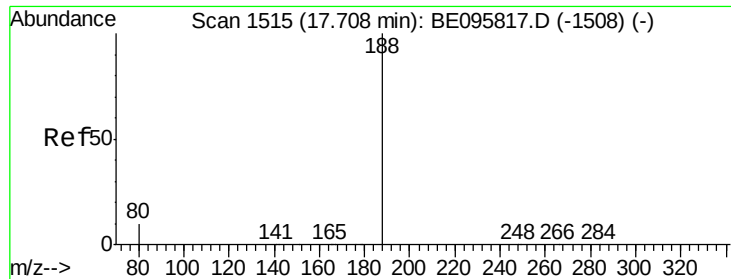
Tot Ion:154 Resp: 3279
Ion Ratio Lower Upper
154 100
153 117.5 89.2 133.8
152 56.8 42.0 63.0



#18
Fluorene
Concen: 0.508 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:166 Resp: 4397
Ion Ratio Lower Upper
166 100
165 102.4 77.8 116.6
167 15.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

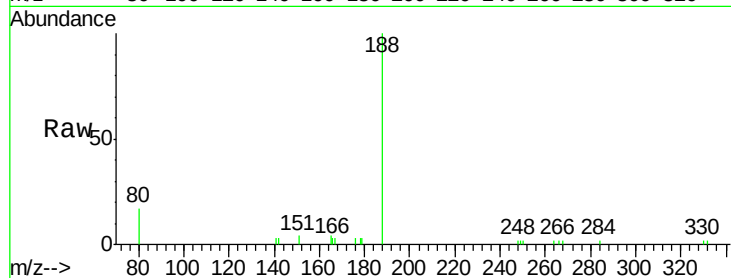
Tot Ion:188 Resp: 4241

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

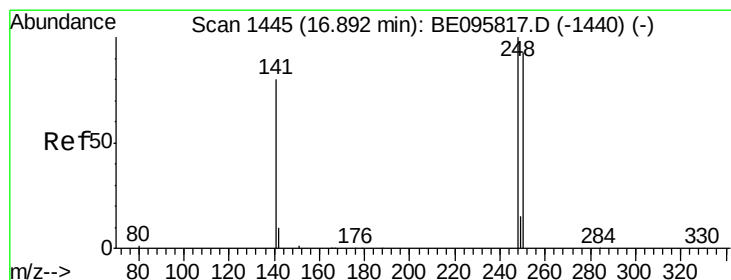
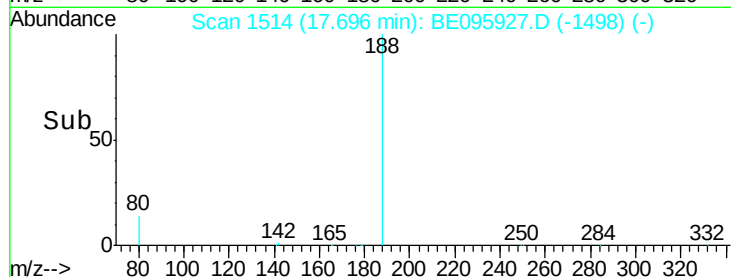
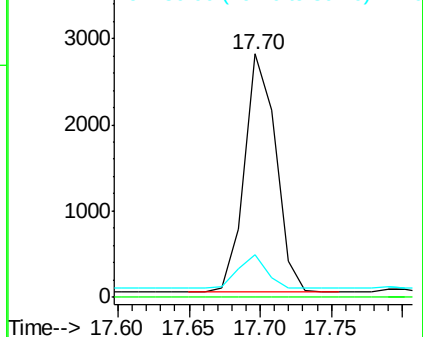
80 17.4 3.6 5.4#



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: 0.564 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

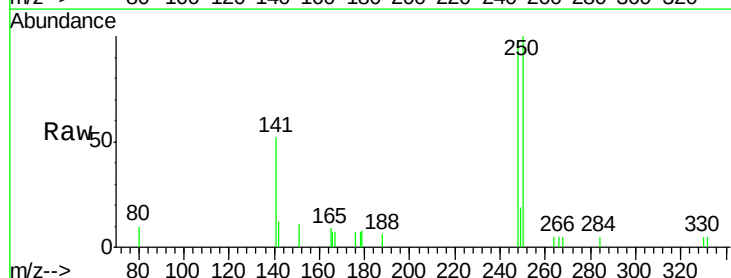
Tgt Ion:248 Resp: 1438

Ion Ratio Lower Upper

248 100

250 101.7 62.7 94.1#

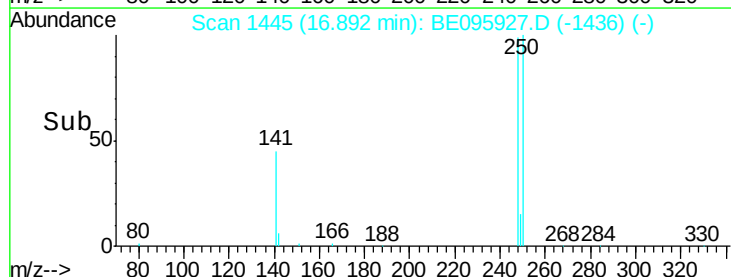
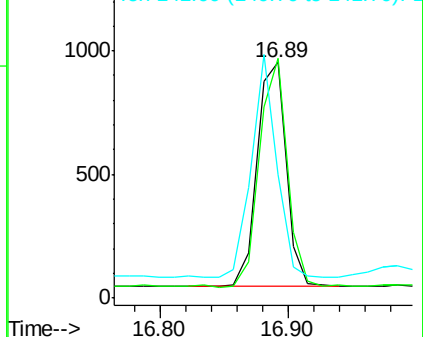
141 52.6 48.2 72.2

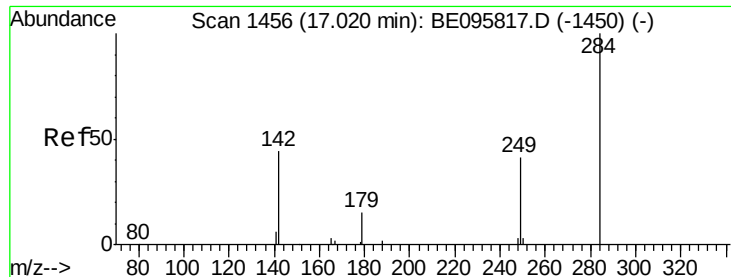


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.538 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

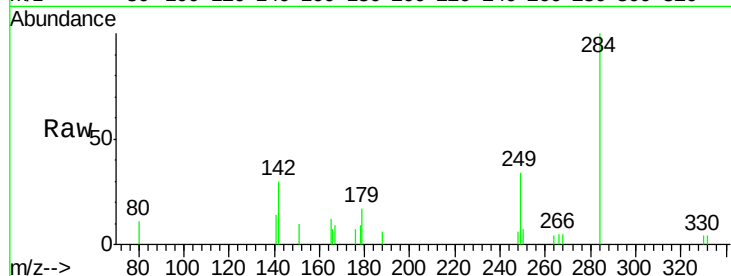
Tot Ion:284 Resp: 1369

Ion Ratio Lower Upper

284 100

142 43.2 22.1 33.1#

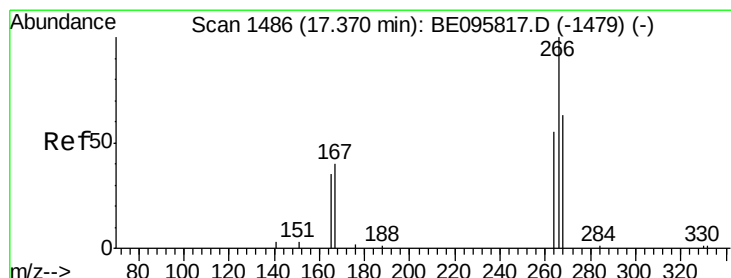
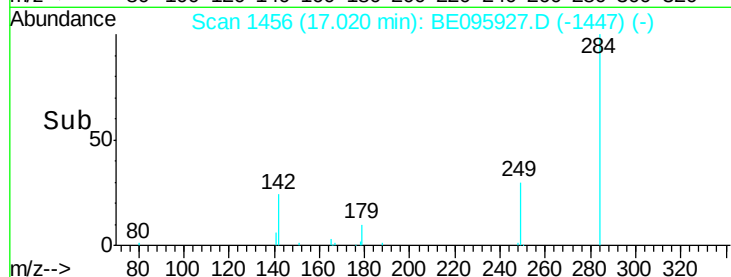
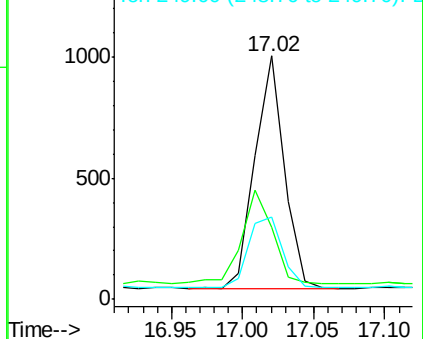
249 35.0 34.8 52.2



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: 1.196 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

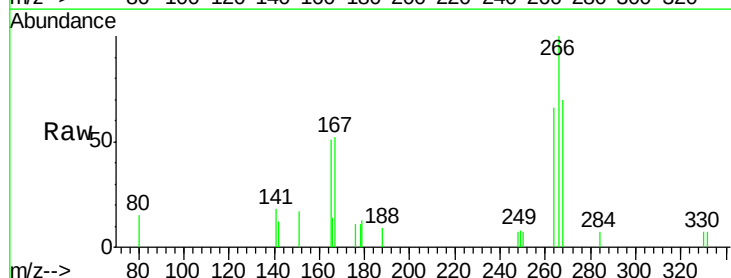
Tgt Ion:266 Resp: 1024

Ion Ratio Lower Upper

266 100

264 66.2 72.5 108.7#

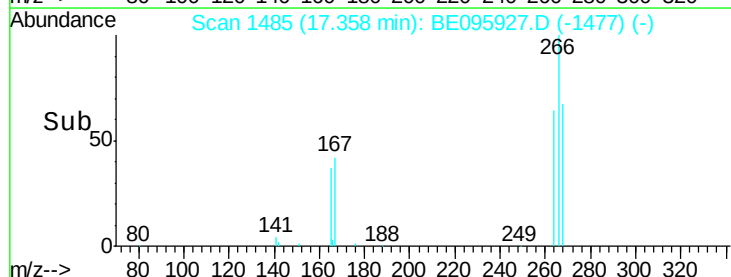
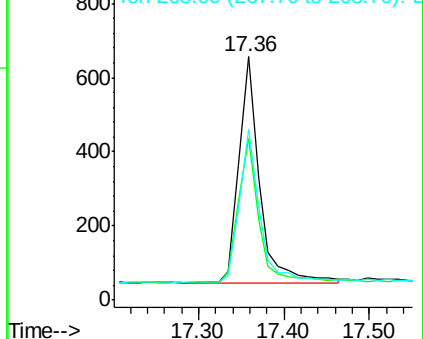
268 69.9 73.8 110.6#

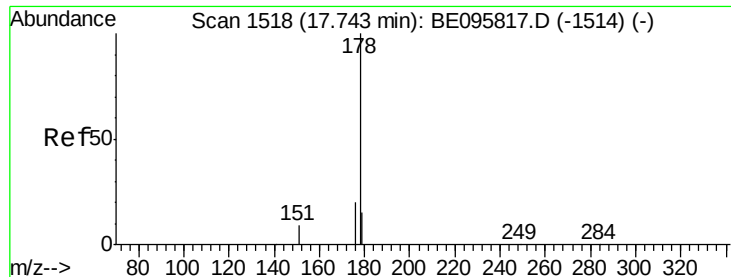


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

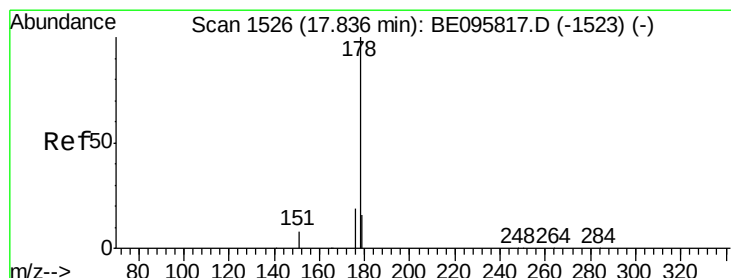
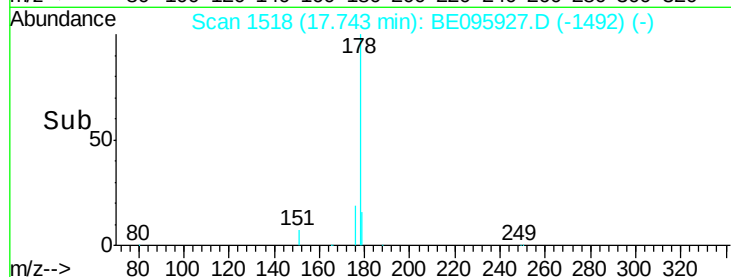
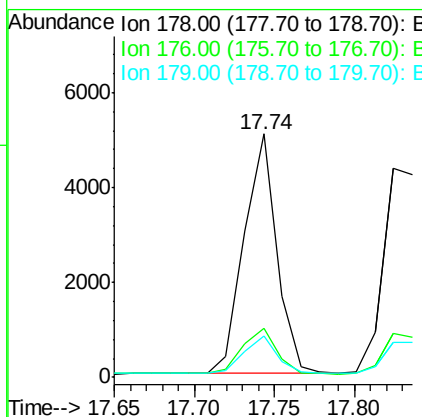
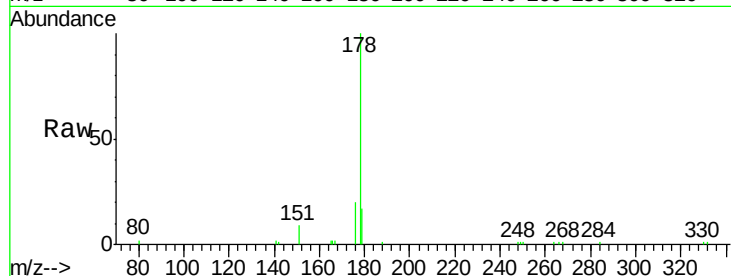




#23
Phenanthrene
Concen: 0.564 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

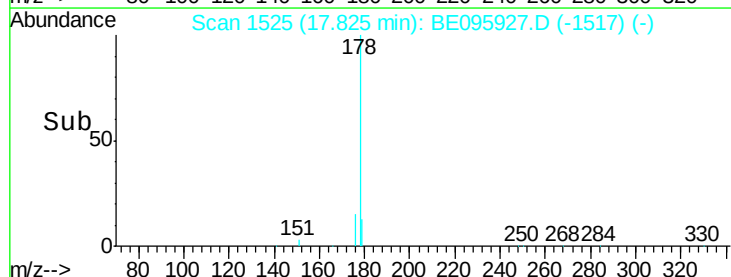
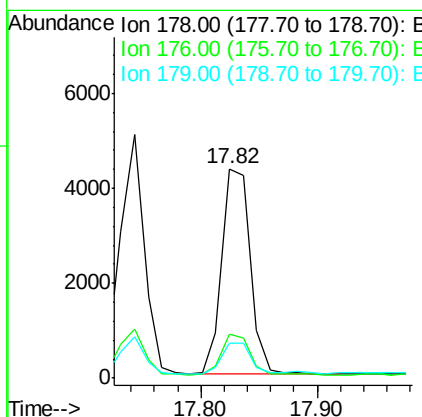
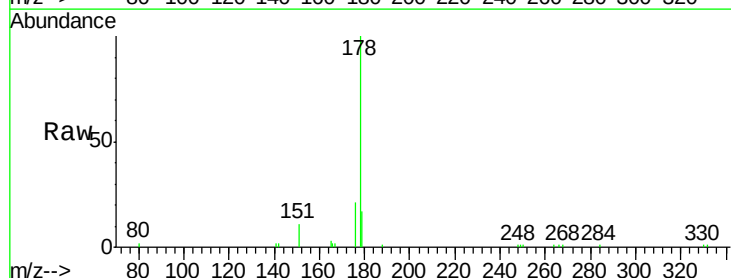
Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

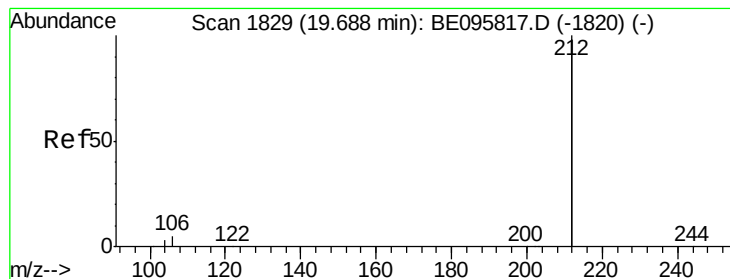
Tot Ion:178 Resp: 7164
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 15.5 11.8 17.6



#24
Anthracene
Concen: 0.576 ng
RT: 17.82 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:178 Resp: 7318
Ion Ratio Lower Upper
178 100
176 19.3 12.8 19.2#
179 15.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.526 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

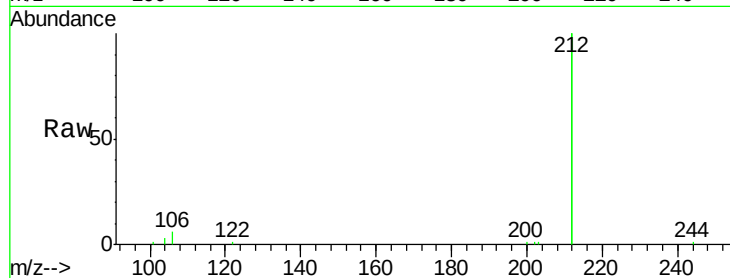
Tot Ion:212 Resp: 33155

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

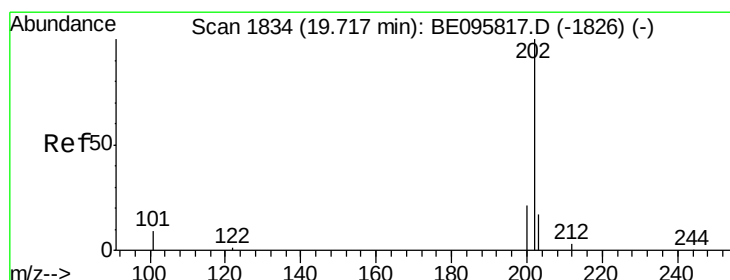
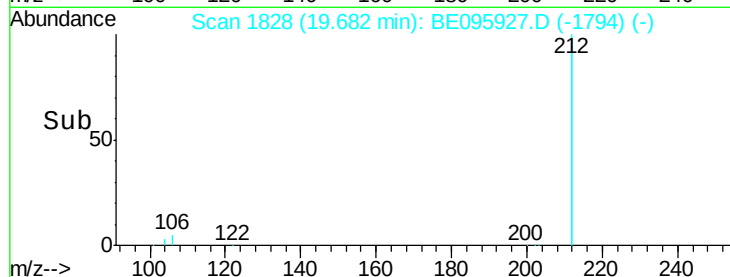
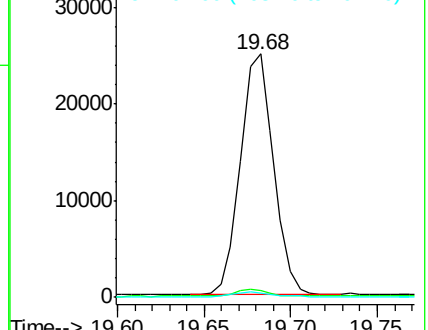
104 1.8 1.6 2.4



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: 0.525 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

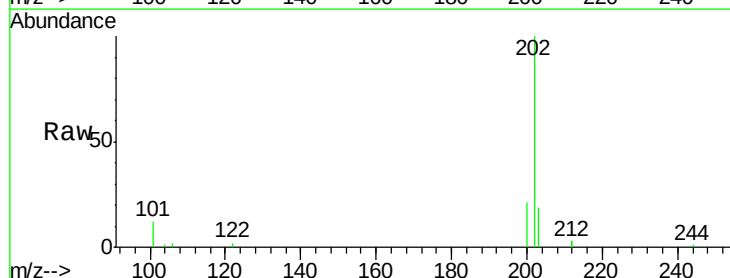
Tgt Ion:202 Resp: 9252

Ion Ratio Lower Upper

202 100

101 14.6 9.8 14.8

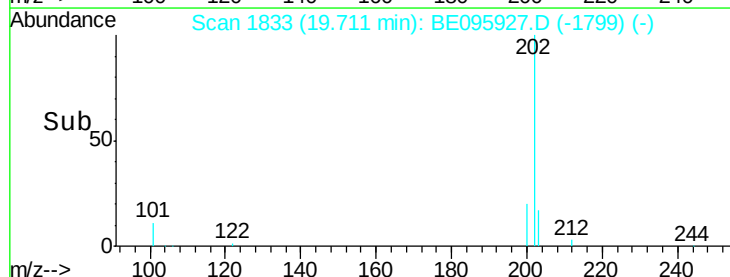
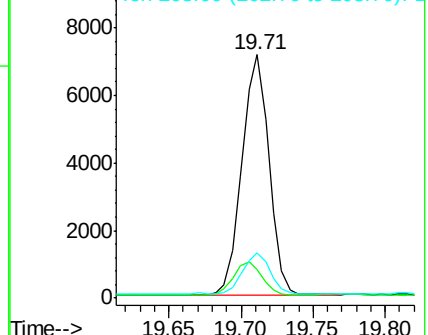
203 17.2 13.7 20.5

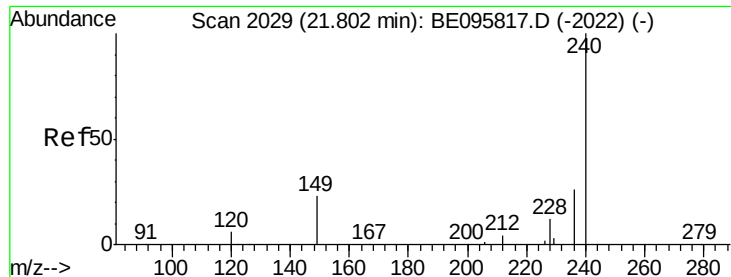


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

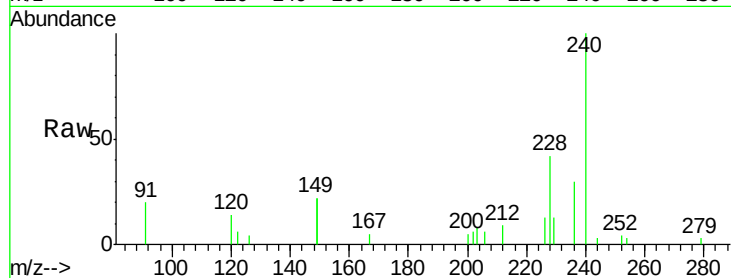
Tot Ion:240 Resp: 4743

Ion Ratio Lower Upper

240 100

120 14.0 5.5 8.3#

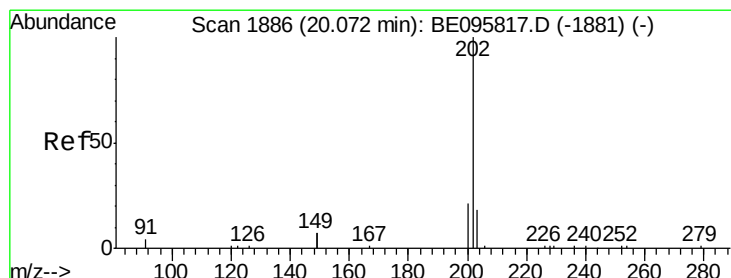
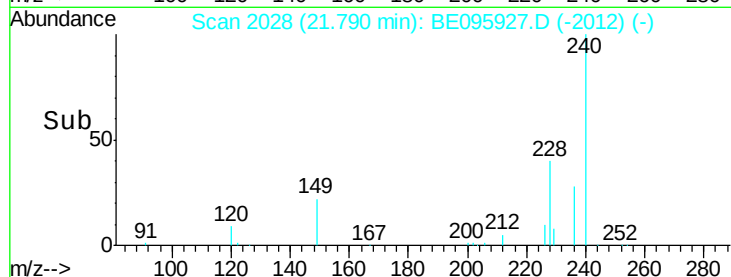
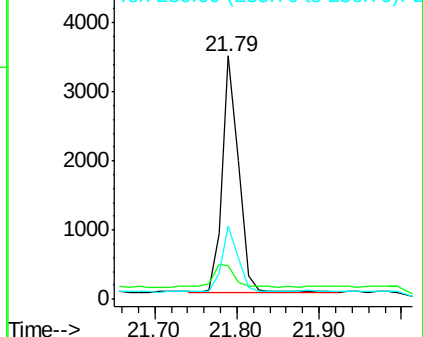
236 30.2 20.7 31.1



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: 0.501 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

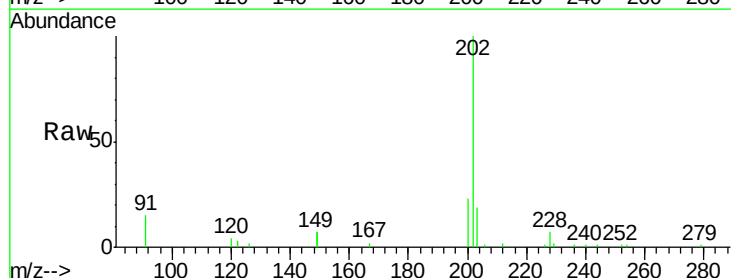
Tgt Ion:202 Resp: 9673

Ion Ratio Lower Upper

202 100

200 25.2 16.6 25.0#

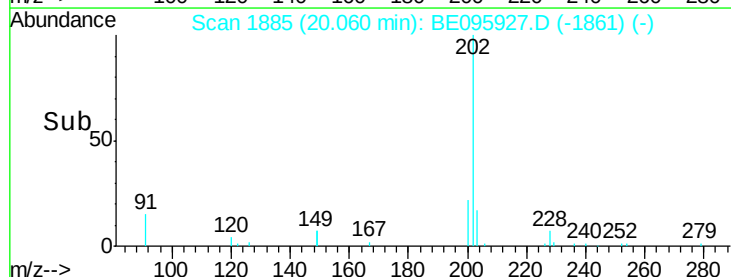
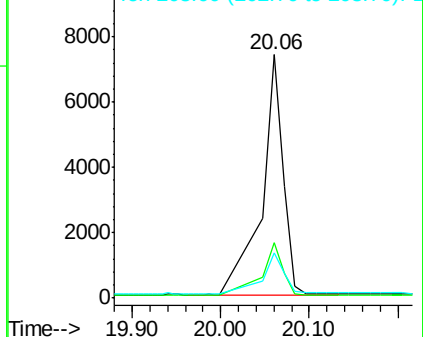
203 21.8 13.8 20.8#

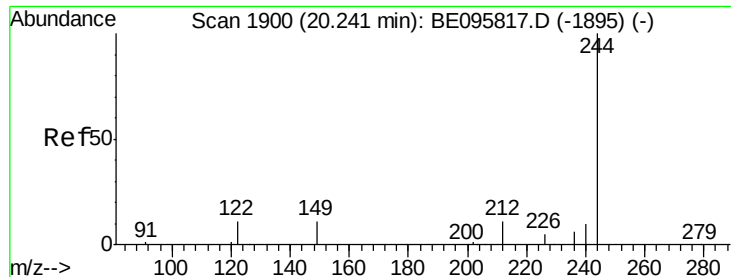


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.671 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

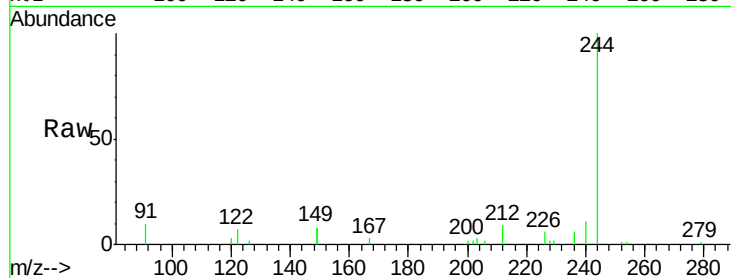
Tot Ion:244 Resp: 6755

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

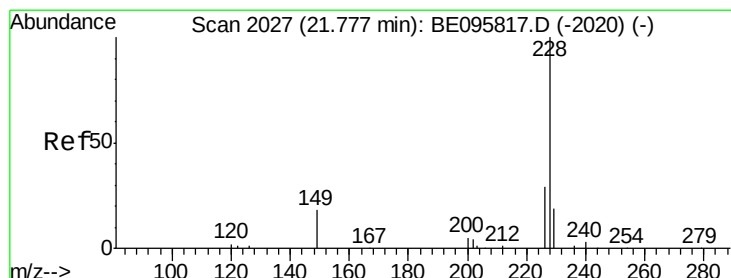
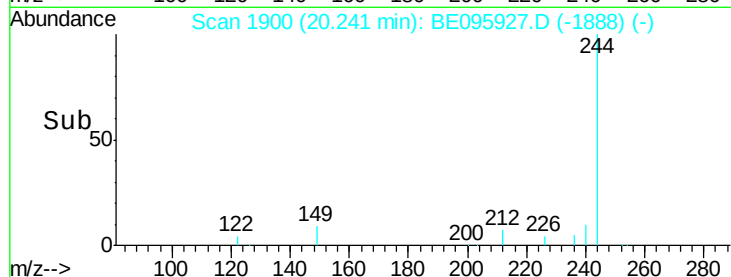
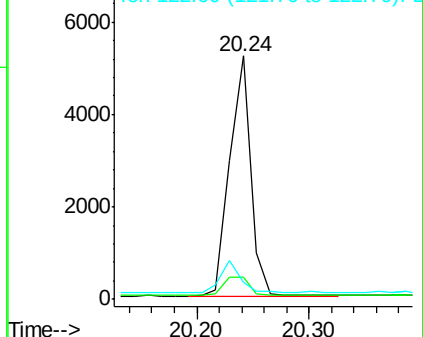
122 7.1 8.1 12.1#



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: 0.551 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

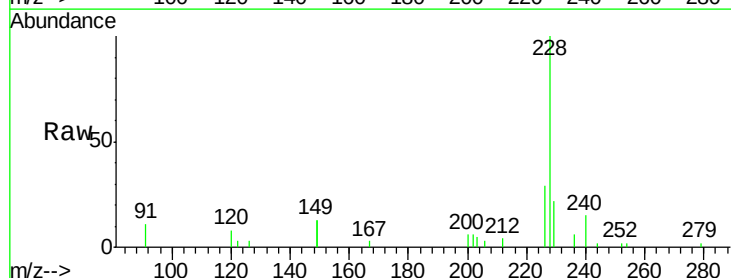
Tgt Ion:228 Resp: 9070

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

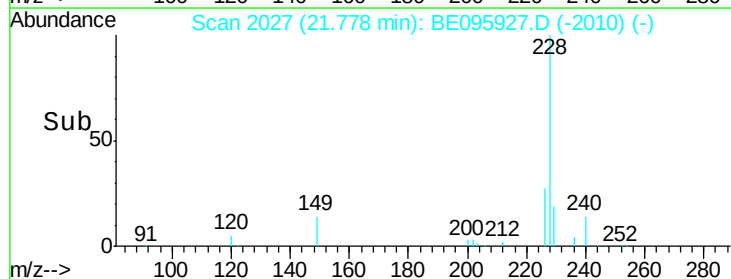
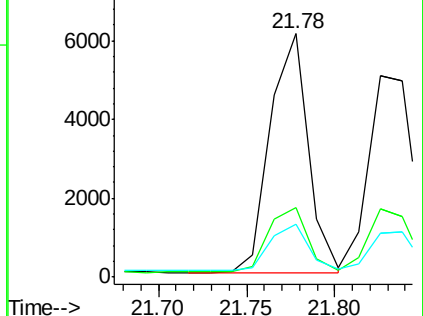
229 21.9 16.0 24.0

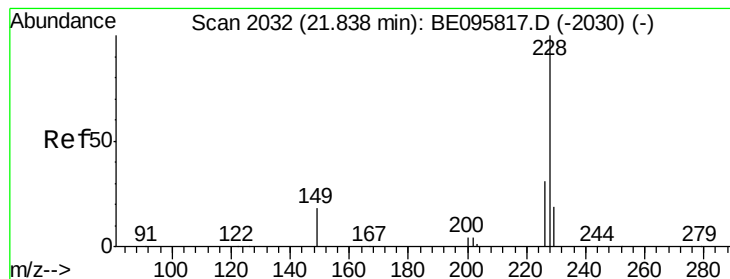


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.568 ng

RT: 21.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

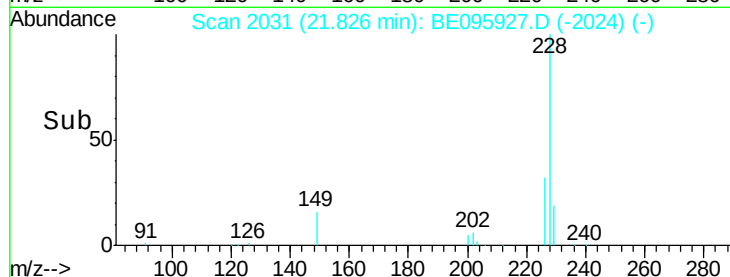
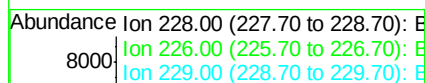
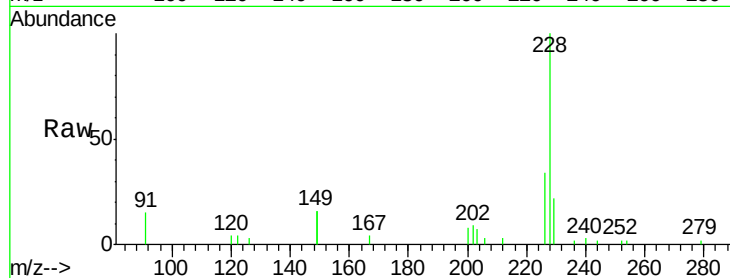
Tot Ion:228 Resp: 8527

Ion Ratio Lower Upper

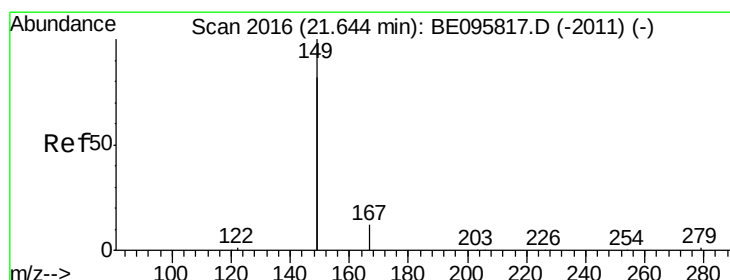
228 100

226 34.1 24.0 36.0

229 22.1 16.0 24.0



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.570 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

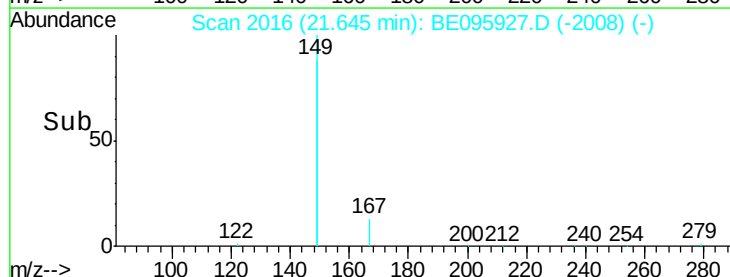
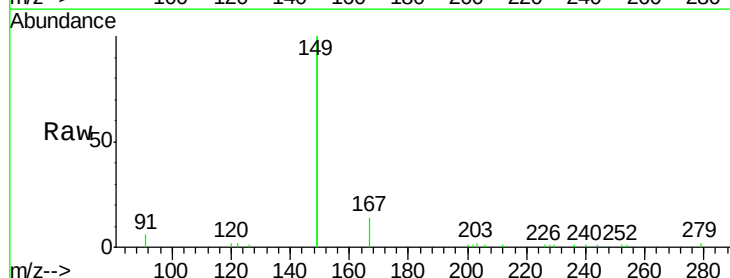
Tgt Ion:149 Resp: 28667

Ion Ratio Lower Upper

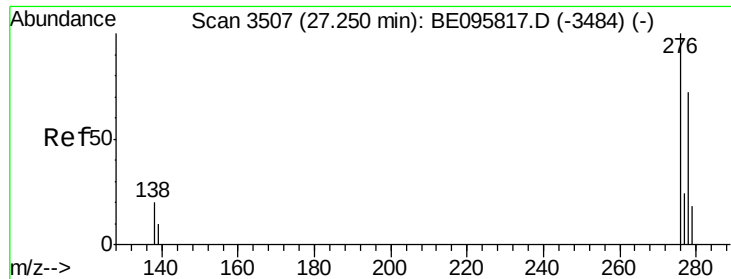
149 100

167 6.8 5.4 8.0

279 0.9 0.7 1.1



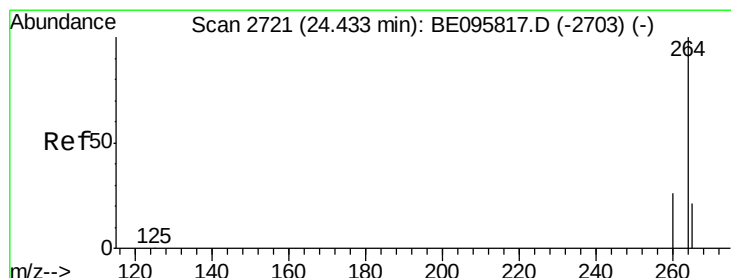
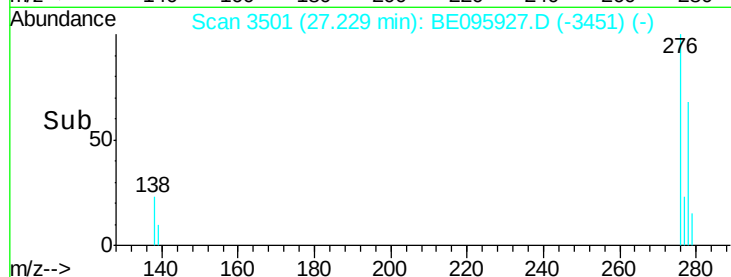
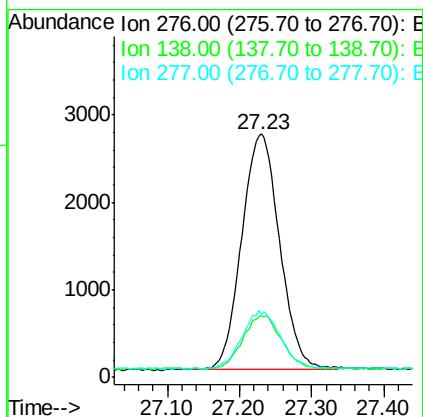
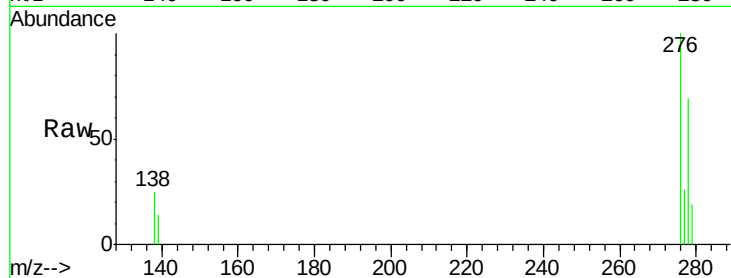
Time-->



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.596 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

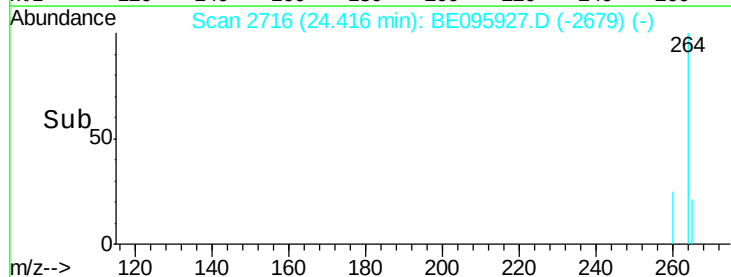
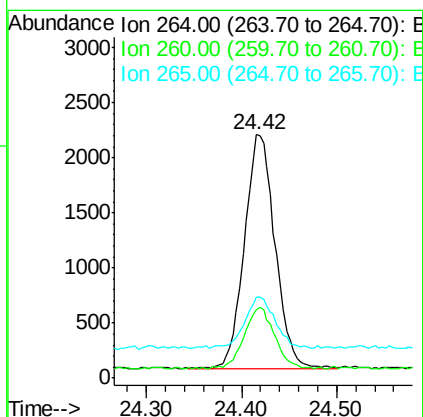
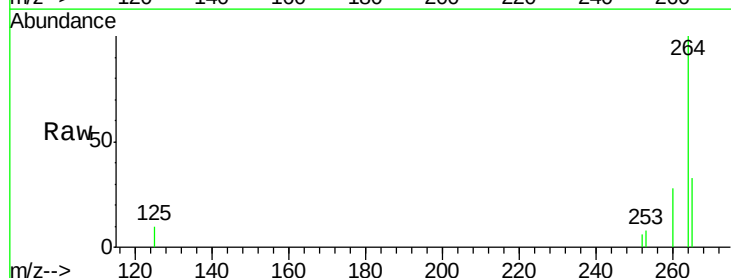
Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

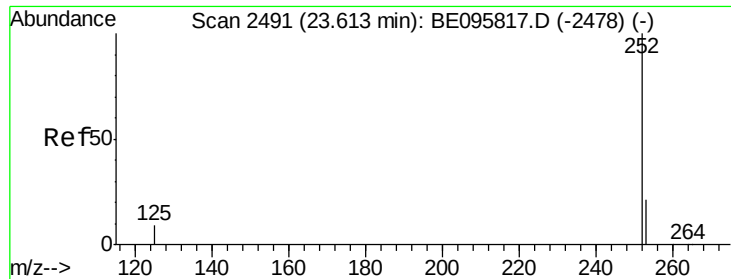
Tot Ion:276 Resp: 9633
Ion Ratio Lower Upper
276 100
138 23.5 22.5 33.7
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:264 Resp: 4795
Ion Ratio Lower Upper
264 100
260 27.9 20.5 30.7
265 33.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.556 ng

RT: 23.61 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

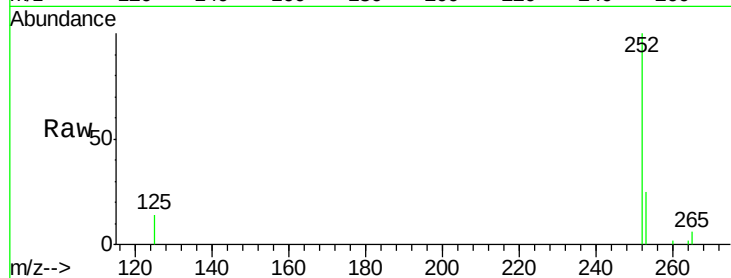
Tot Ion:252 Resp: 8820

Ion Ratio Lower Upper

252 100

253 24.6 20.0 30.0

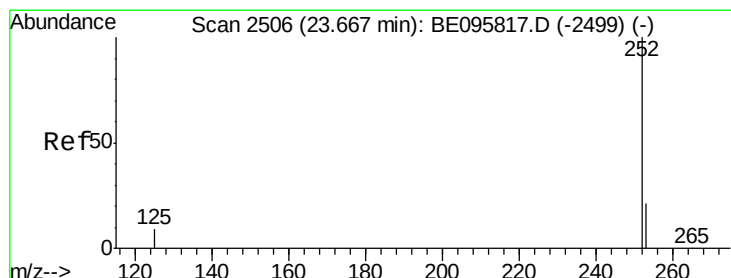
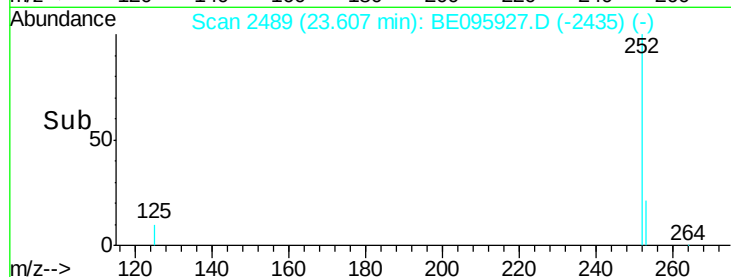
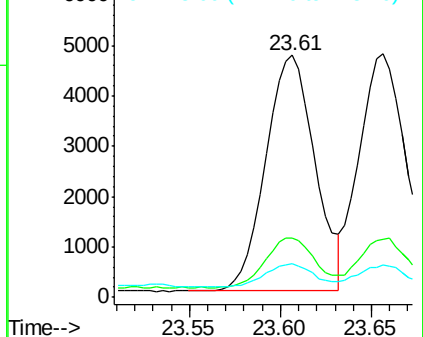
125 13.8 16.0 24.0#



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: 0.540 ng

RT: 23.66 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

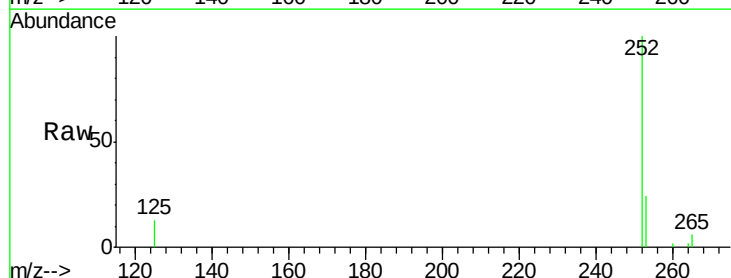
Tgt Ion:252 Resp: 8572

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

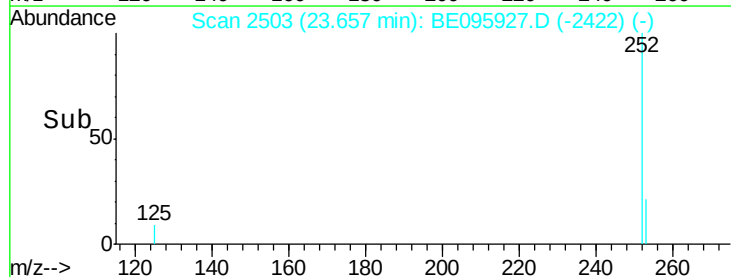
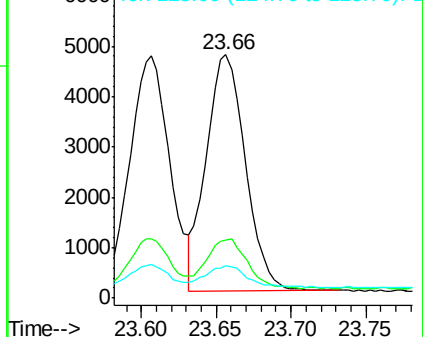
125 13.3 8.0 12.0#

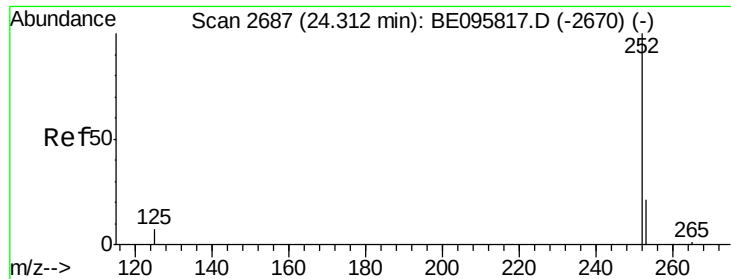


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.567 ng

RT: 24.30 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD

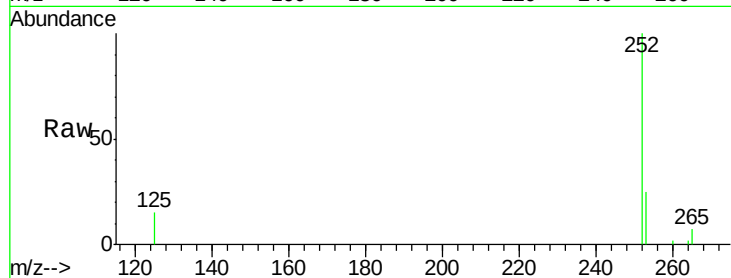
Tot Ion:252 Resp: 8435

Ion Ratio Lower Upper

252 100

253 25.2 16.0 24.0#

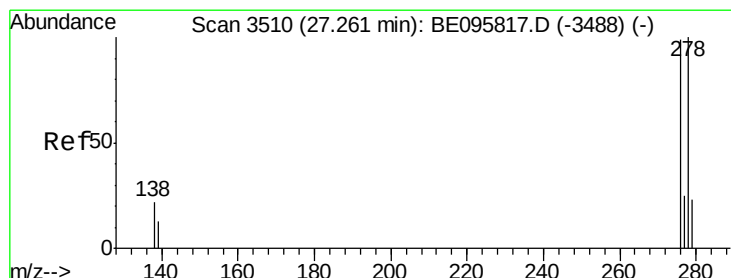
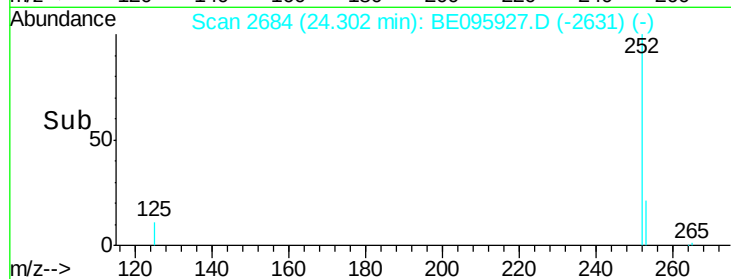
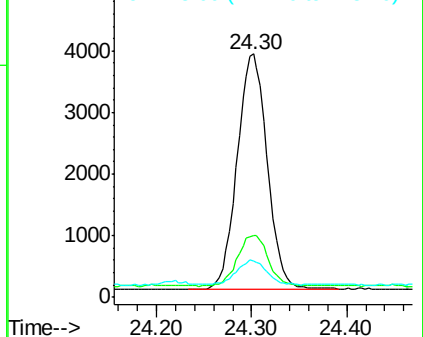
125 15.1 12.0 18.0



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: 0.560 ng

RT: 27.24 min Scan# 3505

Delta R.T. -0.02 min

Lab File: BE095927.D

Acq: 2 Apr 2018 14:57

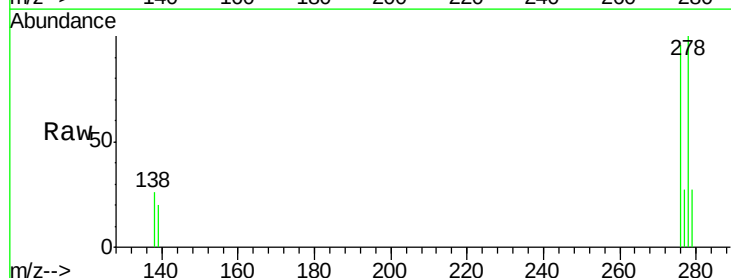
Tgt Ion:278 Resp: 7915

Ion Ratio Lower Upper

278 100

139 19.6 16.0 24.0

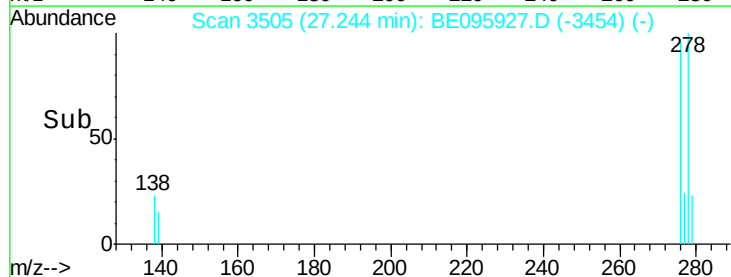
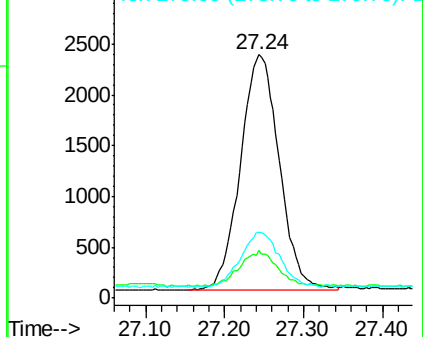
279 27.2 20.0 30.0

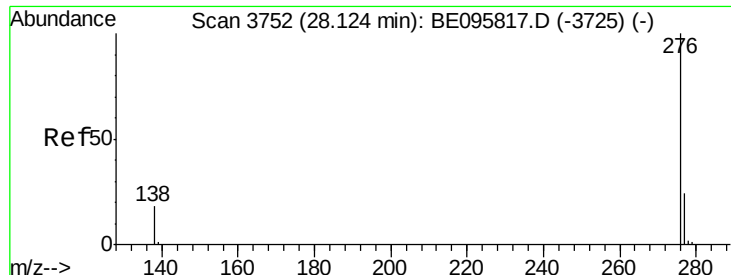


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.575 ng

RT: 28.11 min Scan# 3747

Delta R.T. -0.02 min

Lab File: BE095927.D

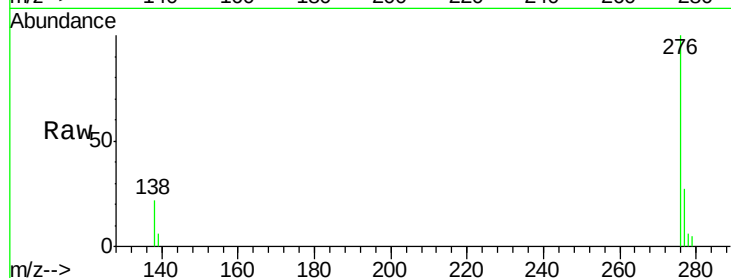
Acq: 2 Apr 2018 14:57

Instrument :

BNA_E

ClientSampleId :

SY-3D-20180327MSD



Tot Ion: 276 Resp: 8158

Ion Ratio Lower Upper

276 100

277 26.6 16.0 24.0#

138 21.7 20.0 30.0

