

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095982.D
 Acq On : 11 Apr 2018 21:56
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 04:17:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1323	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4971	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2805	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6740	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7415	0.40	ng	0.00
34) Perylene-d12	24.39	264	7032	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.89	112	1577	0.39	ng	0.00
5) Phenol-d6	7.53	99	2129	0.38	ng	0.00
8) Nitrobenzene-d5	9.57	82	2193	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3013	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	529	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4525	0.38	ng	0.00
25) Fluoranthene-d10	19.66	212	34379	0.38	ng	0.00
29) Terphenyl-d14	20.22	244	6355	0.39	ng	0.00

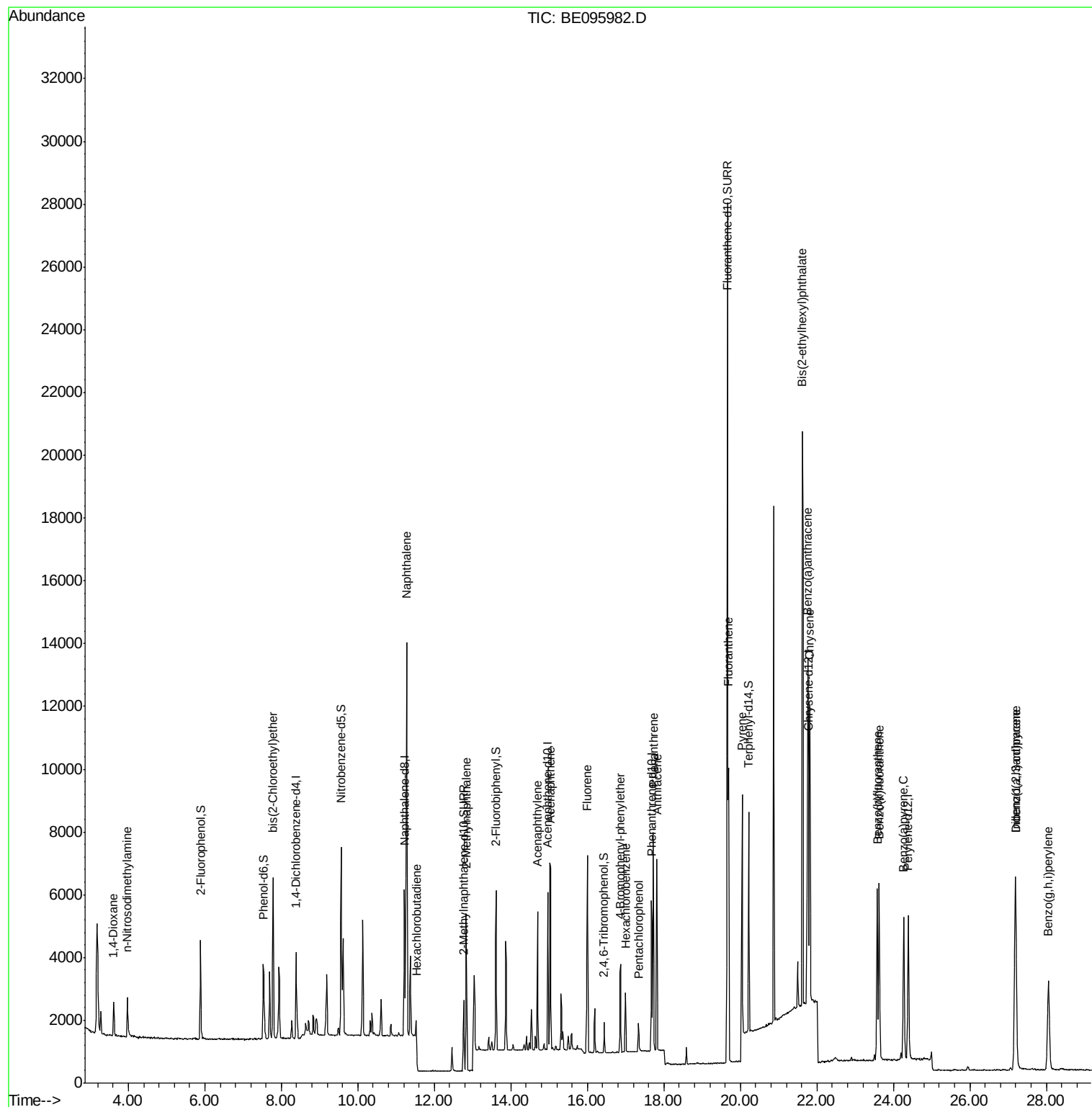
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	766	0.375	ng	# 89
3) n-Nitrosodimethylamine	3.97	42	909	0.363	ng	# 84
6) bis(2-Chloroethyl)ether	7.79	93	1822	0.367	ng	96
9) Naphthalene	11.27	128	19937	0.380	ng	100
10) Hexachlorobutadiene	11.53	225	957	0.412	ng	92
12) 2-Methylnaphthalene	12.83	142	3342	0.385	ng	98
16) Acenaphthylene	14.69	152	5543	0.370	ng	98
17) Acenaphthene	15.04	154	3372	0.375	ng	95
18) Fluorene	15.99	166	4167	0.374	ng	# 77
20) 4-Bromophenyl-phenylether	16.87	248	1513	0.378	ng	# 83
21) Hexachlorobenzene	17.00	284	1506	0.378	ng	# 84
22) Pentachlorophenol	17.33	266	494	0.404	ng	# 73
23) Phenanthrene	17.72	178	7016	0.371	ng	99
24) Anthracene	17.81	178	6765	0.374	ng	95
26) Fluoranthene	19.69	202	9206	0.370	ng	98
28) Pyrene	20.05	202	5482	0.375	ng	99
30) Benzo(a)anthracene	21.75	228	8835	0.372	ng	98
31) Chrysene	21.81	228	8625	0.376	ng	98
32) Bis(2-ethylhexyl)phthalate	21.62	149	23895	0.389	ng	100
33) Indeno(1,2,3-cd)pyrene	27.18	276	8463	0.380	ng	94
35) Benzo(b)fluoranthene	23.58	252	7936	0.376	ng	# 91
36) Benzo(k)fluoranthene	23.63	252	8060	0.371	ng	# 91
37) Benzo(a)pyrene	24.27	252	7565	0.373	ng	# 94
38) Dibenzo(a,h)anthracene	27.20	278	6942	0.388	ng	98
39) Benzo(g,h,i)perylene	28.06	276	7013	0.371	ng	# 90

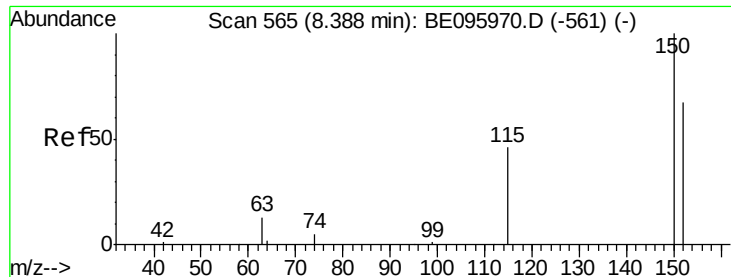
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

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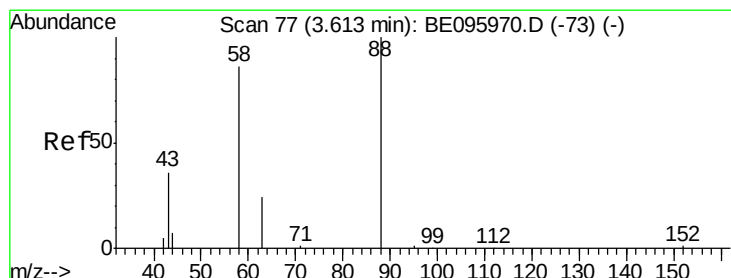
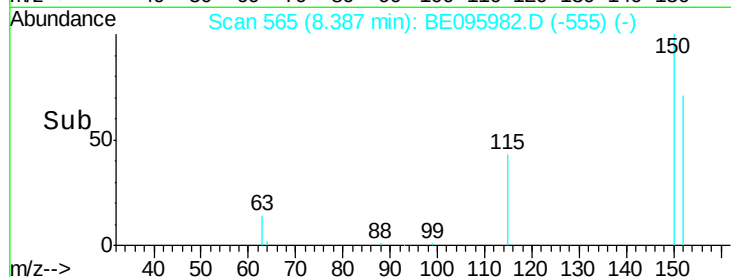
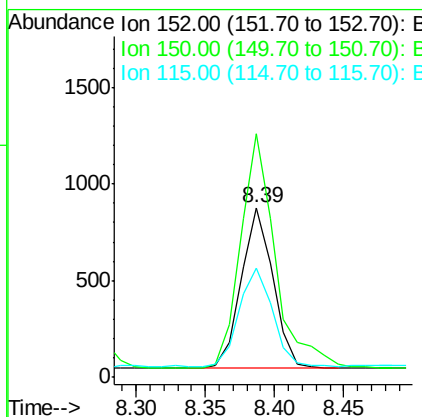
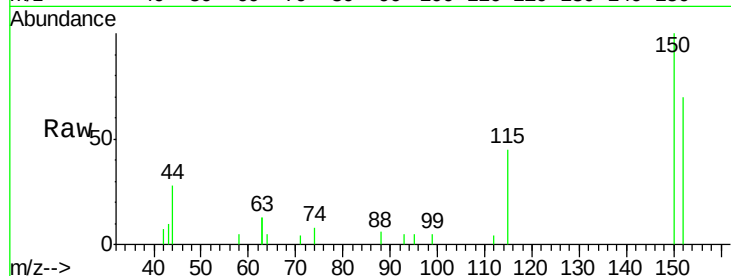


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.39 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

Instrument :
 BNA_E
 ClientSampleId :

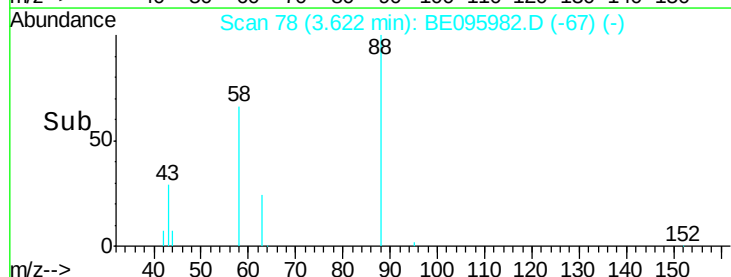
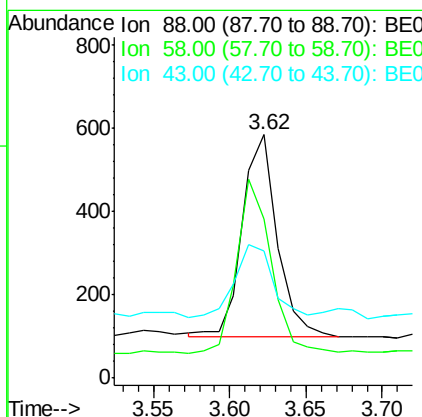
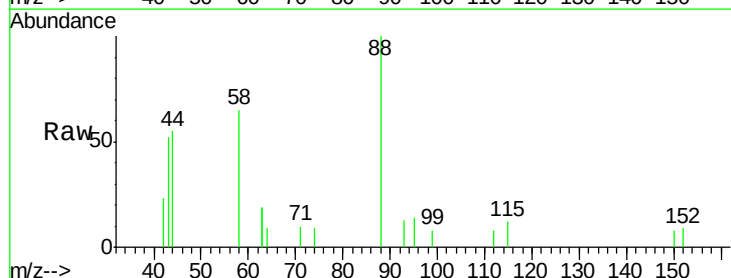
Tot Ion:152 Resp: 1323
 Ion Ratio Lower Upper
 152 100
 150 143.6 117.2 175.8
 115 64.3 57.0 85.6

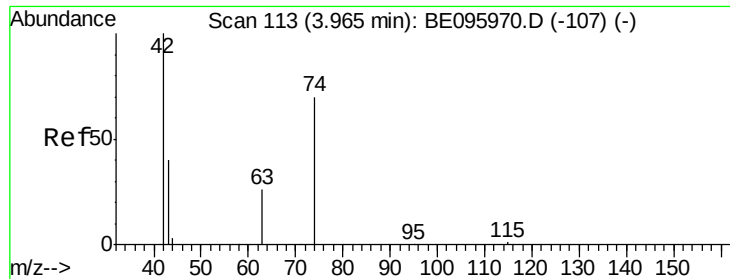


#2

1,4-Dioxane
 Concen: 0.375 ng
 RT: 3.62 min Scan# 78
 Delta R.T. 0.01 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

Tgt Ion: 88 Resp: 766
 Ion Ratio Lower Upper
 88 100
 58 86.2 63.2 94.8
 43 40.5 41.2 61.8#



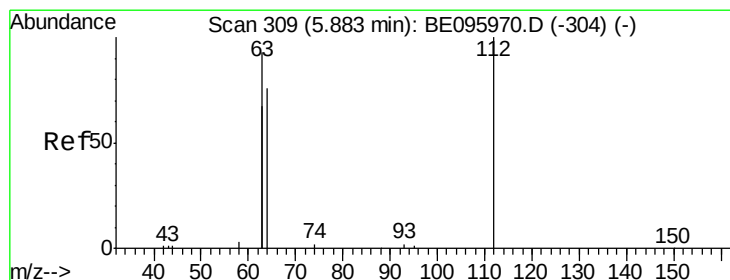
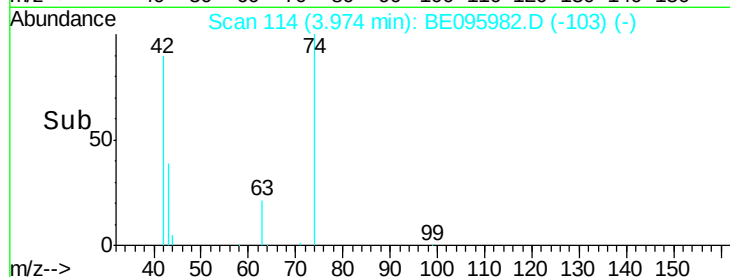
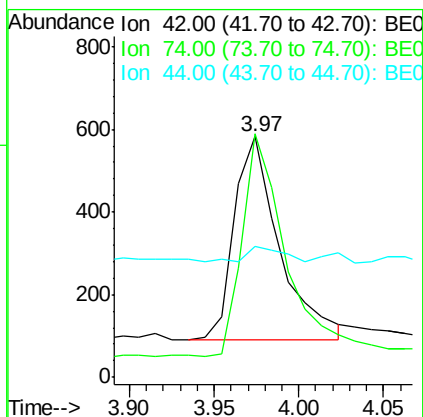
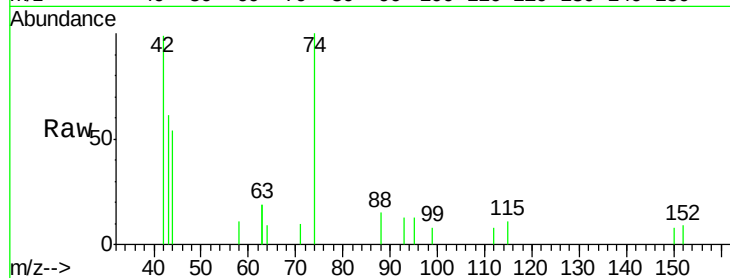


#3

n-Nitrosodimethylamine
 Concen: 0.363 ng
 RT: 3.97 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

Instrument :
 BNA_E
 ClientSampleId :

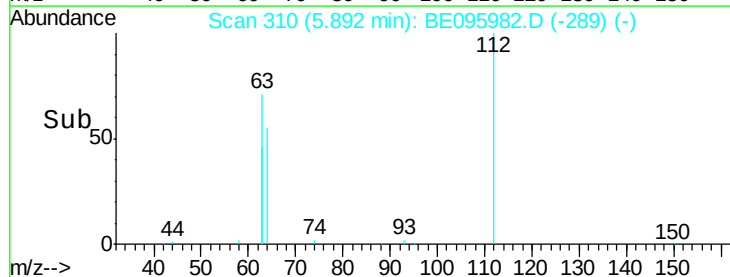
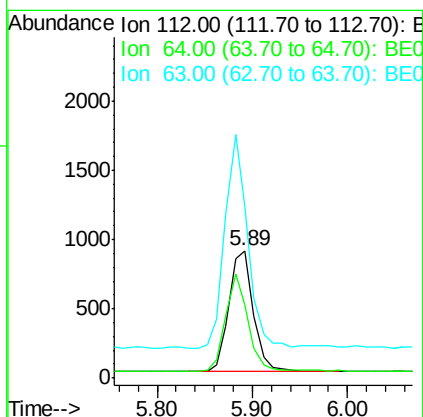
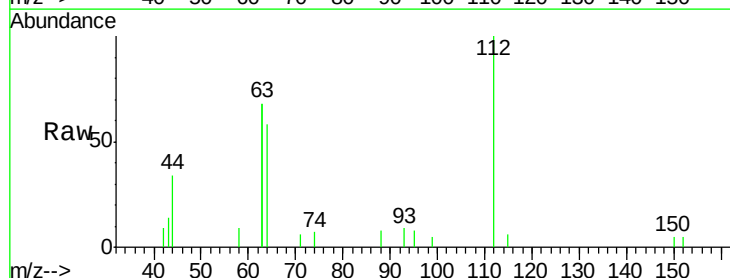
Tot Ion: 42 Resp: 909
 Ion Ratio Lower Upper
 42 100
 74 103.4 96.0 144.0
 44 5.9 12.0 18.0#

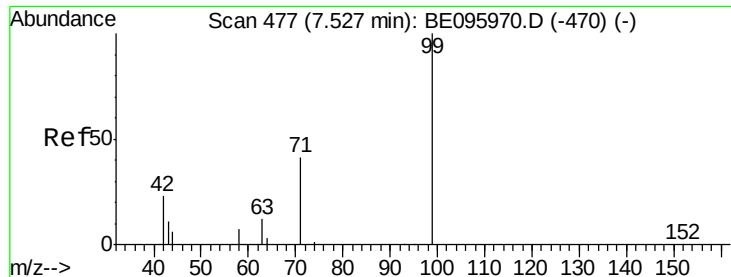


#4

2-Fluorophenol
 Concen: 0.385 ng
 RT: 5.89 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

Tgt Ion: 112 Resp: 1577
 Ion Ratio Lower Upper
 112 100
 64 74.4 60.1 90.1
 63 159.3 116.8 175.2





#5

Phenol-d6

Concen: 0.377 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

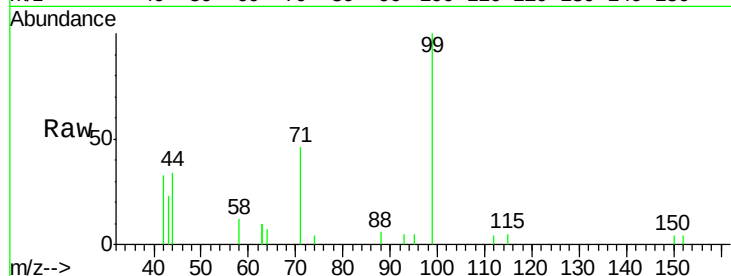
Tot Ion: 99 Resp: 2129

Ion Ratio Lower Upper

99 100

42 27.0 20.2 30.2

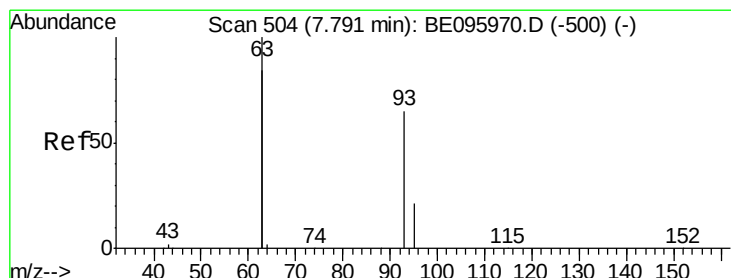
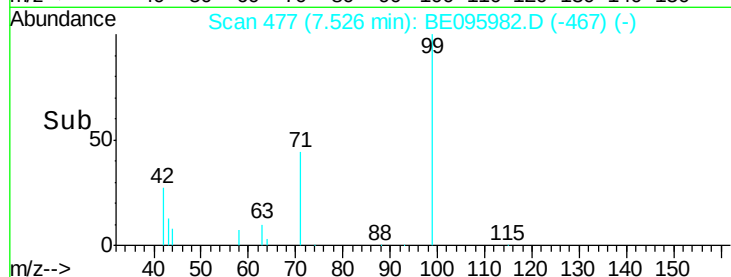
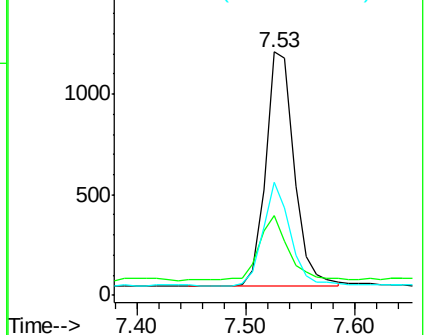
71 41.6 28.4 42.6



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: 0.367 ng

RT: 7.79 min Scan# 504

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

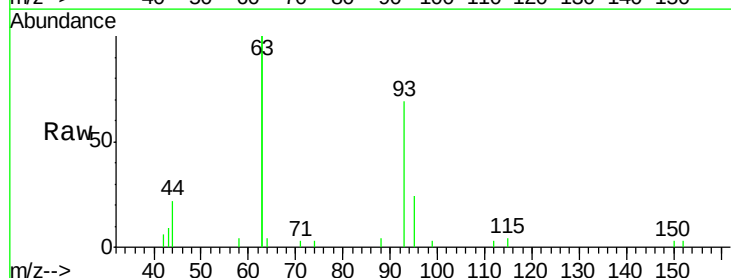
Tgt Ion: 93 Resp: 1822

Ion Ratio Lower Upper

93 100

63 335.5 275.3 412.9

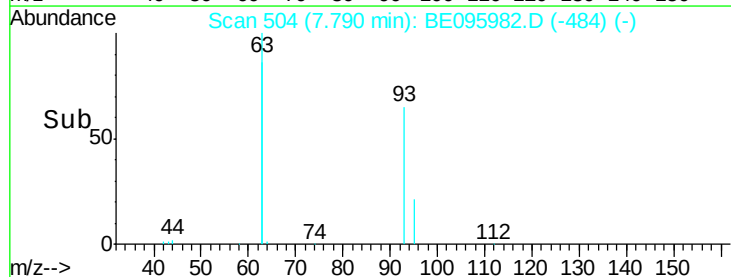
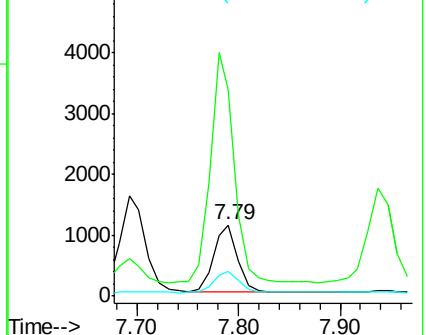
95 33.0 25.2 37.8

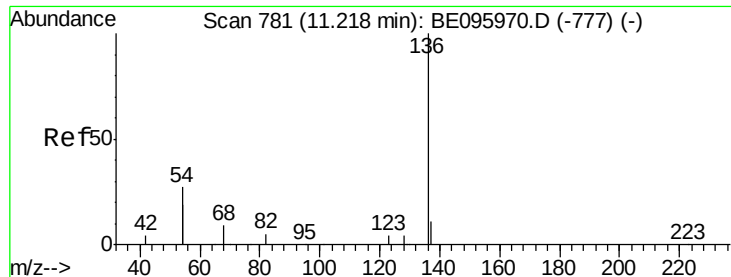


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095982.D

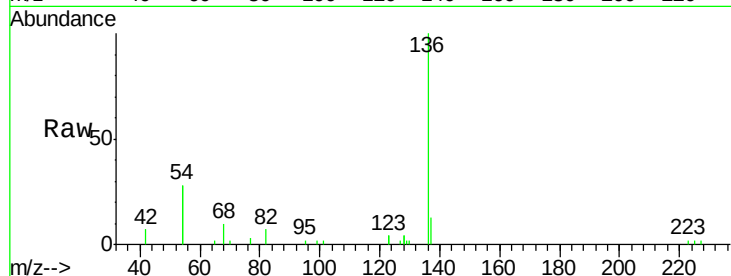
Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4971
Ion	Ratio	Lower Upper
136	100	
137	13.2	9.5 14.3
54	55.3	29.1 43.7#
68	10.0	6.2 9.2#

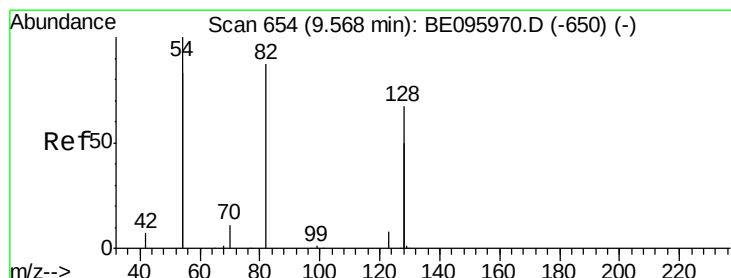
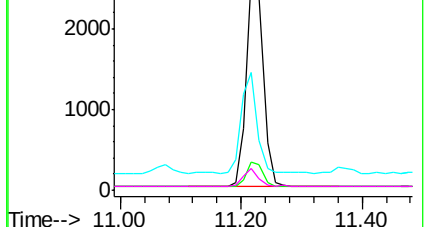
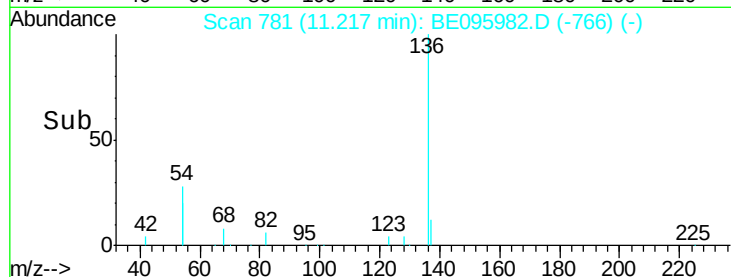


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.376 ng

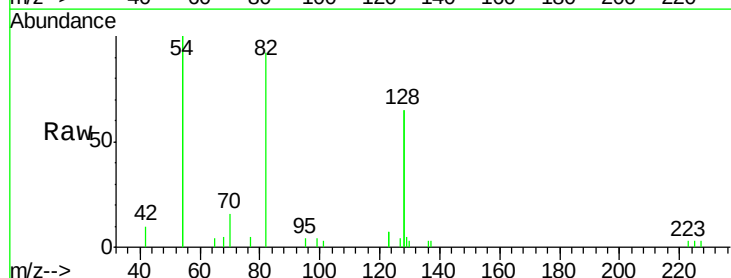
RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

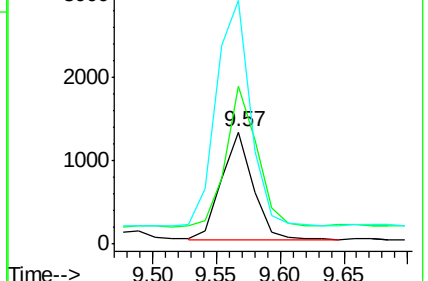
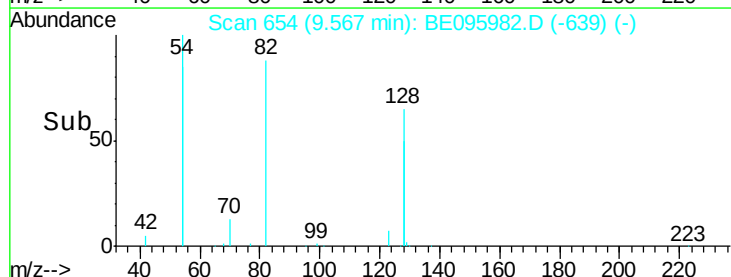
Tgt Ion: 82	Resp:	2193
Ion	Ratio	Lower Upper
82	100	
128	141.3	150.0 225.0#
54	217.7	154.2 231.4

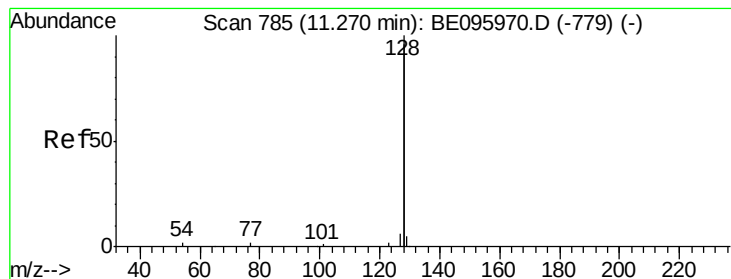


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.380 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

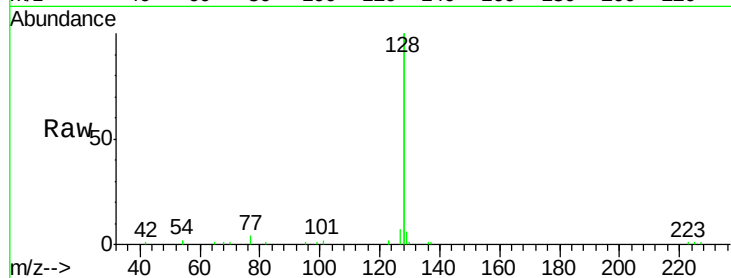
Tot Ion:128 Resp: 19937

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

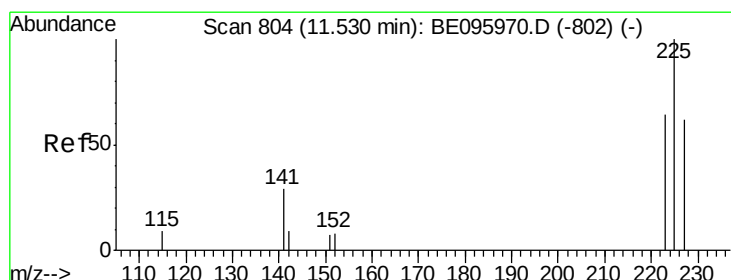
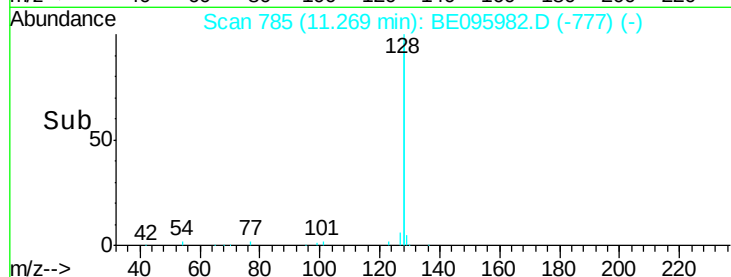
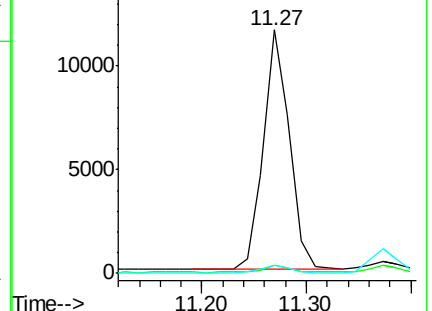
127 3.5 2.8 4.2



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: 0.412 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

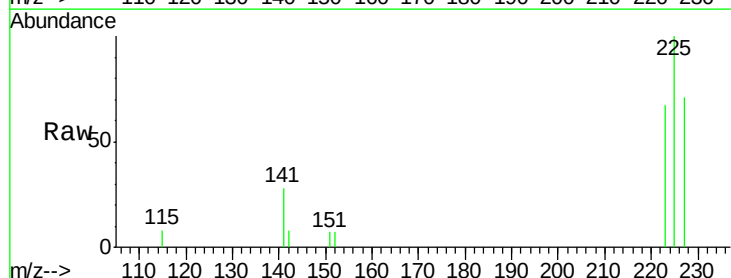
Tgt Ion:225 Resp: 957

Ion Ratio Lower Upper

225 100

223 55.9 53.0 79.6

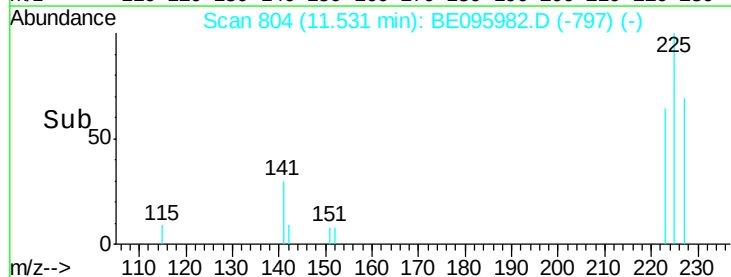
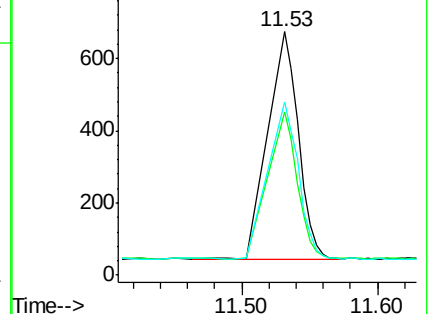
227 62.3 51.4 77.2

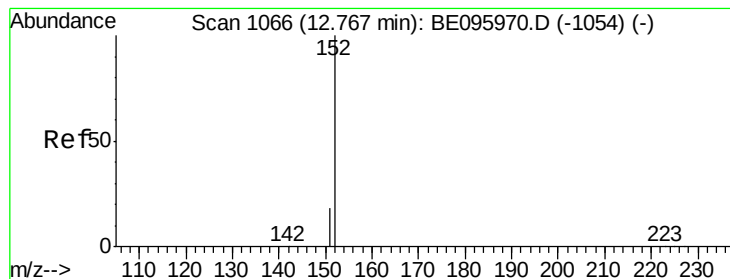


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

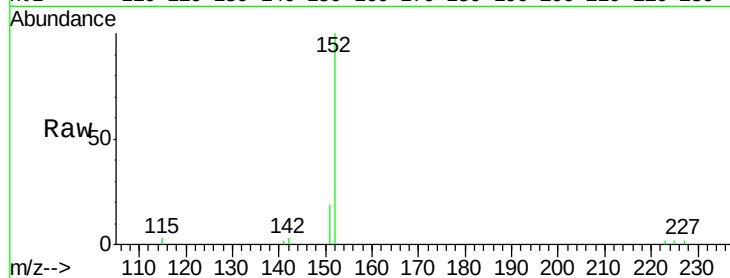
ClientSampleId :

Tot Ion:152 Resp: 3013

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

12.76

2000

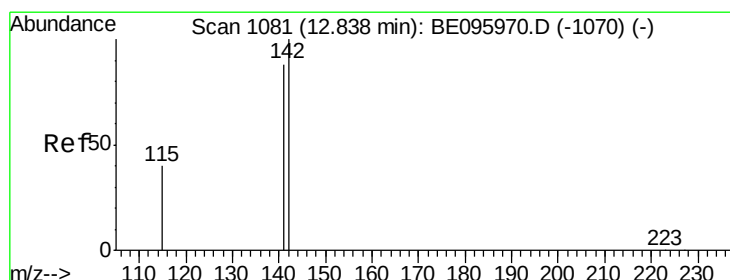
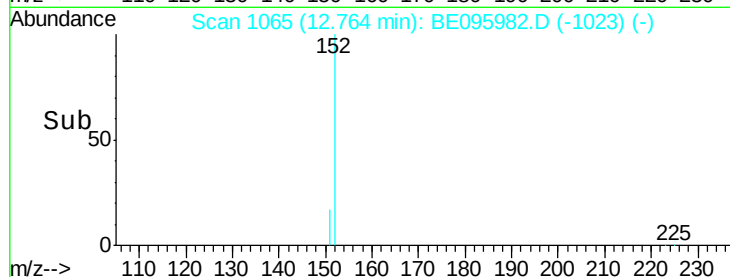
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

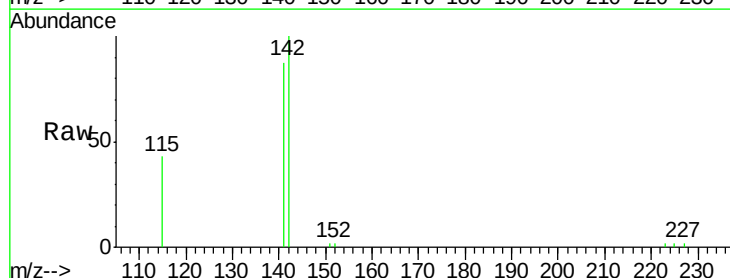
Tgt Ion:142 Resp: 3342

Ion Ratio Lower Upper

142 100

141 87.1 70.4 105.6

115 43.1 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

12.83

3000

2500

2000

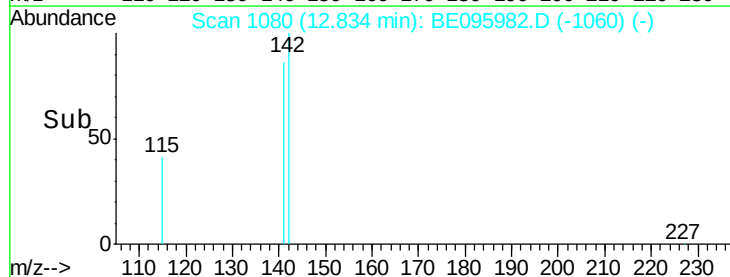
1500

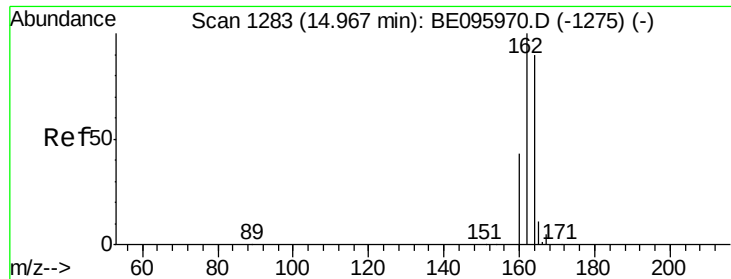
1000

500

0

Time-->

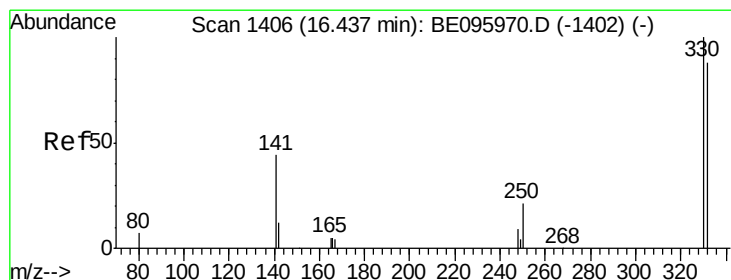
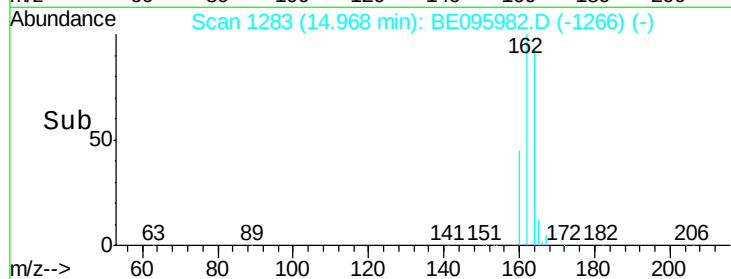
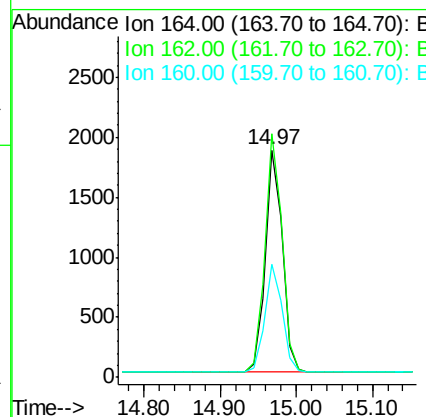
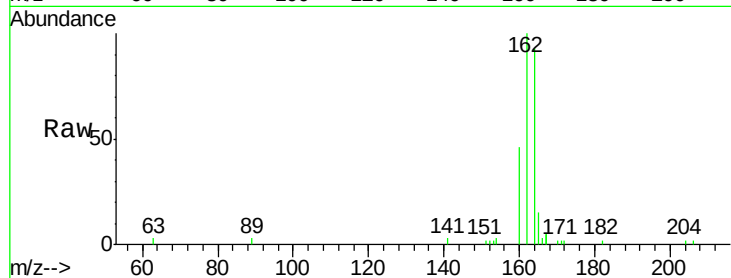




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.97 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

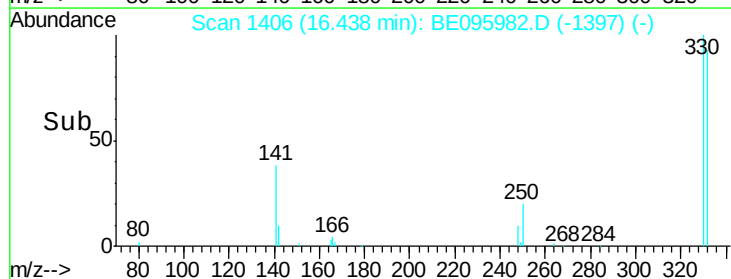
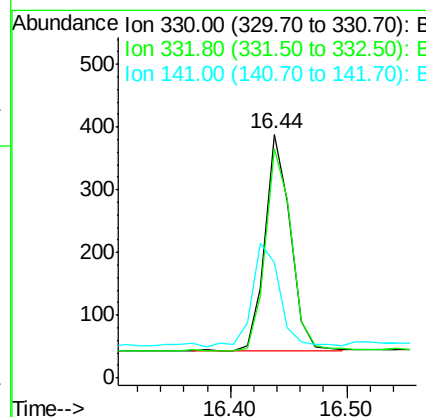
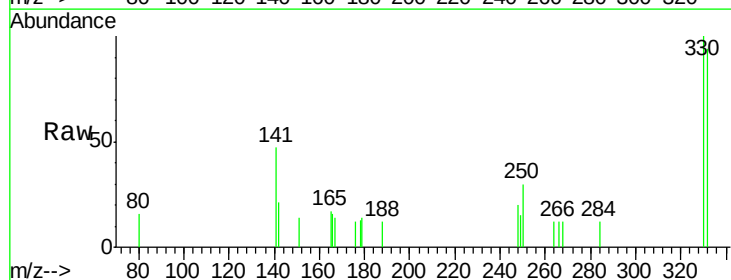
Instrument :
 BNA_E
 ClientSampleId :

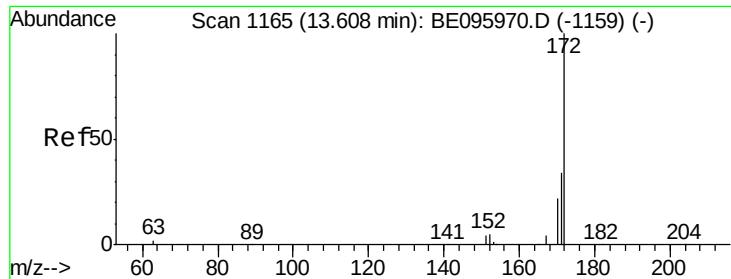
Tot Ion:164 Resp: 2805
 Ion Ratio Lower Upper
 164 100
 162 107.1 83.1 124.7
 160 49.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.391 ng
 RT: 16.44 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BE095982.D
 Acq: 11 Apr 2018 21:56

Tgt Ion:330 Resp: 529
 Ion Ratio Lower Upper
 330 100
 332 93.4 152.7 229.1#
 141 53.3 33.7 50.5#

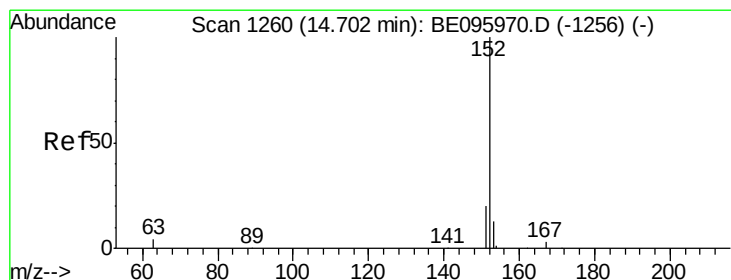
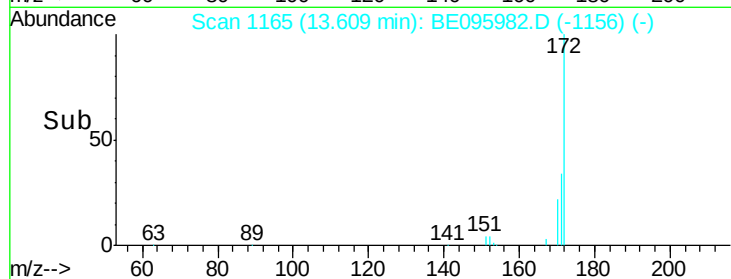
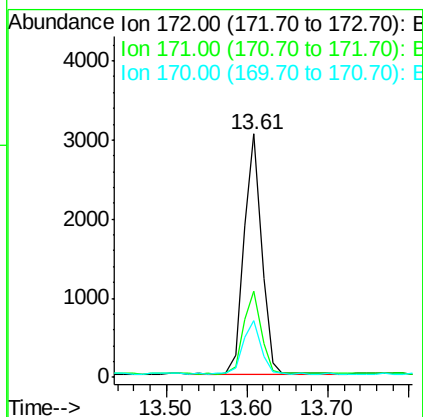
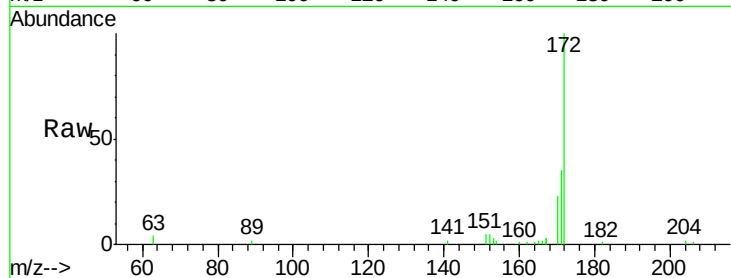




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

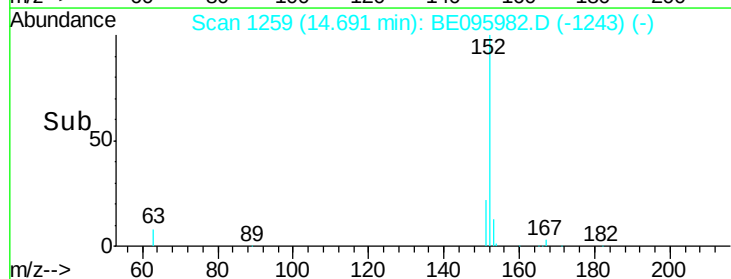
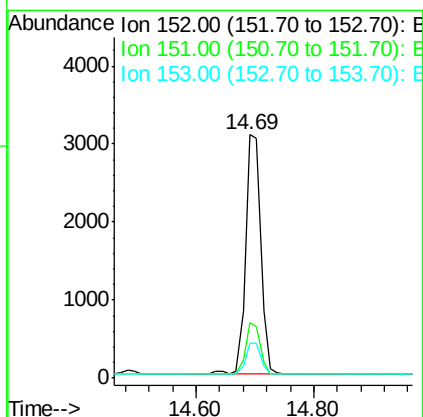
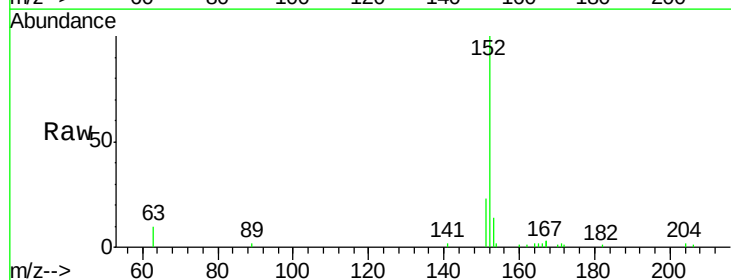
Instrument :
BNA_E
ClientSampleId :

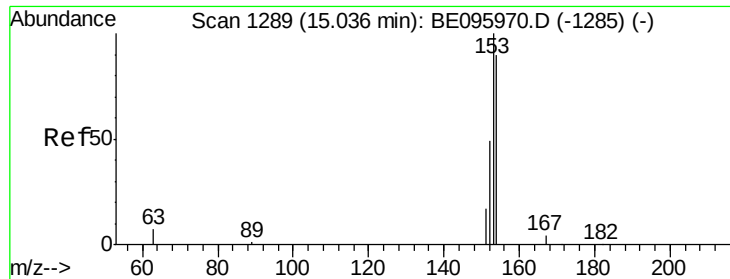
Tot Ion:172 Resp: 4525
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 23.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:152 Resp: 5543
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.375 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

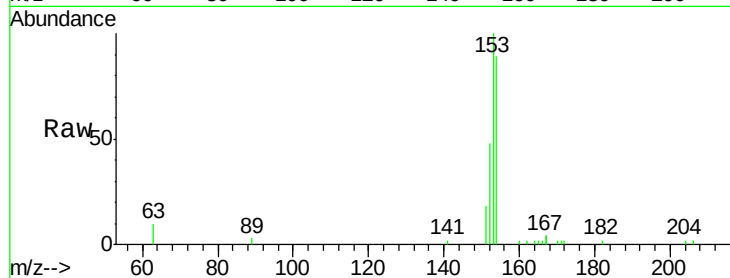
Tot Ion:154 Resp: 3372

Ion Ratio Lower Upper

154 100

153 115.6 89.2 133.8

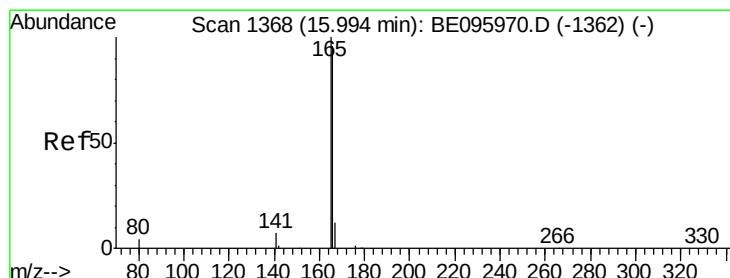
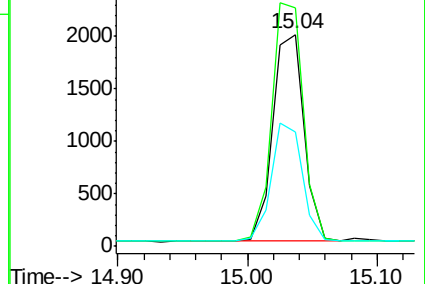
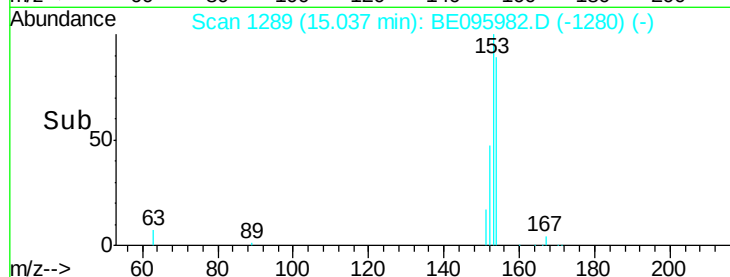
152 57.2 42.0 63.0



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: 0.374 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

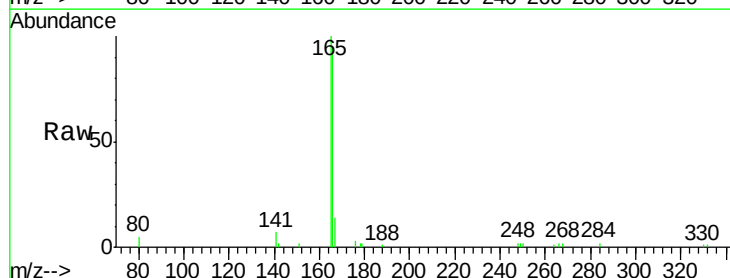
Tgt Ion:166 Resp: 4167

Ion Ratio Lower Upper

166 100

165 102.5 77.8 116.6

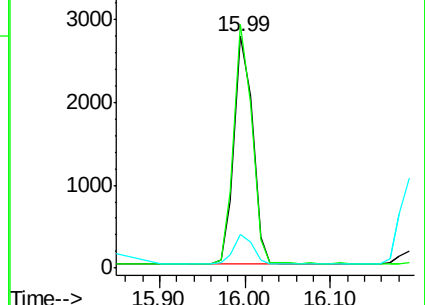
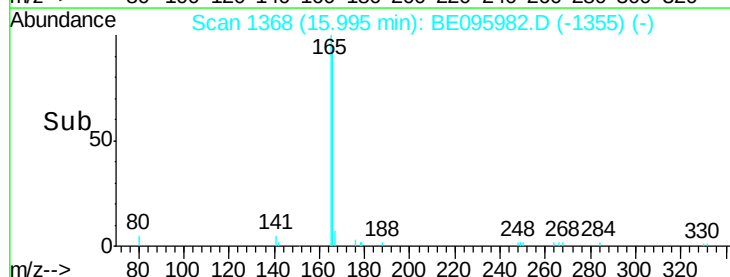
167 13.7 42.4 63.6#

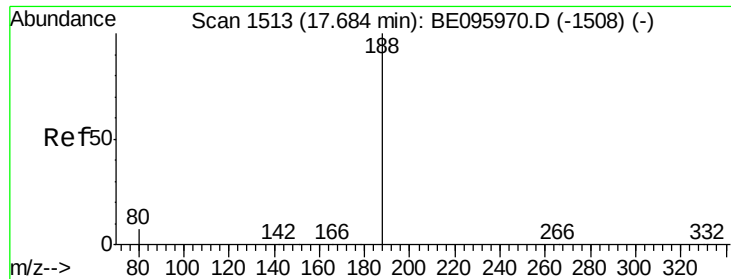


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.67 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

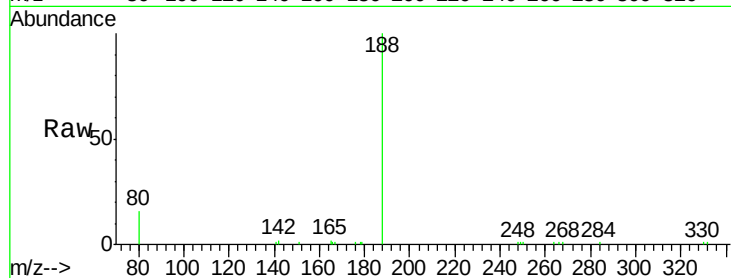
Tot Ion:188 Resp: 6740

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

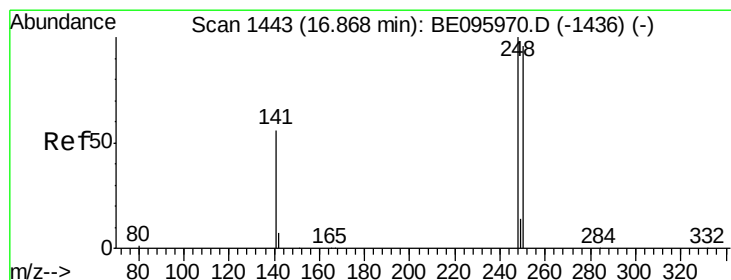
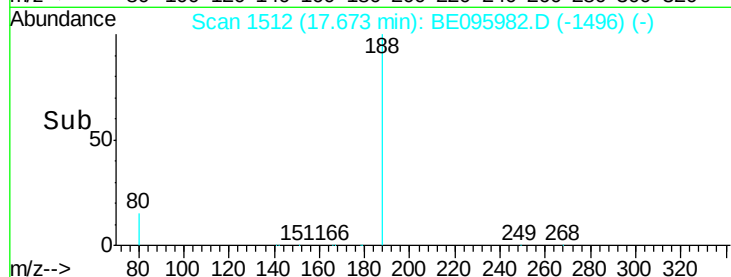
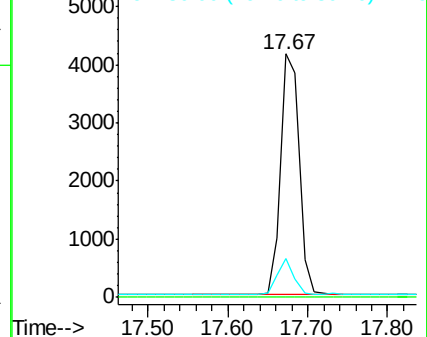
80 16.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.378 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

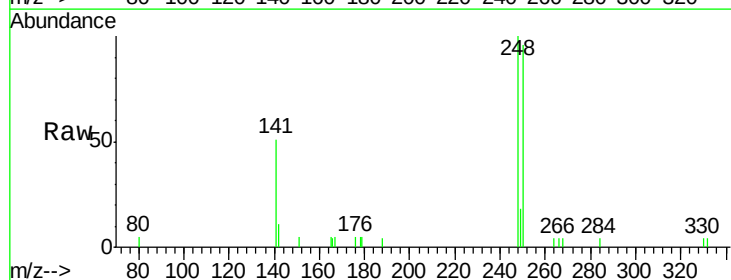
Tgt Ion:248 Resp: 1513

Ion Ratio Lower Upper

248 100

250 96.5 62.7 94.1#

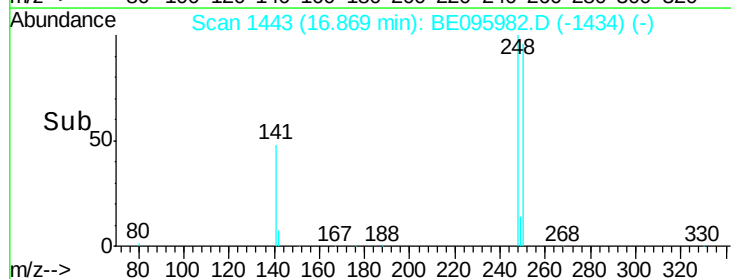
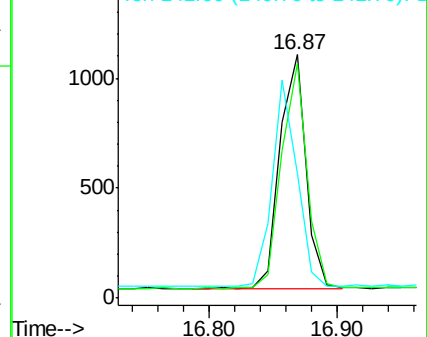
141 51.2 48.2 72.2

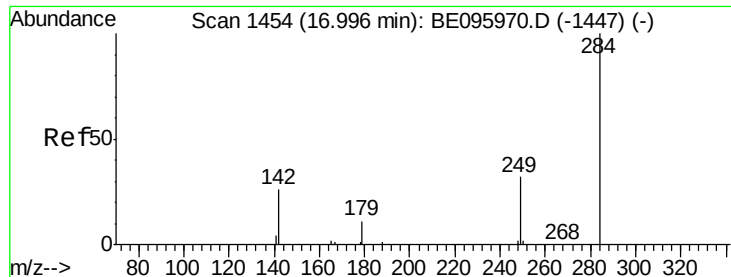


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampled :

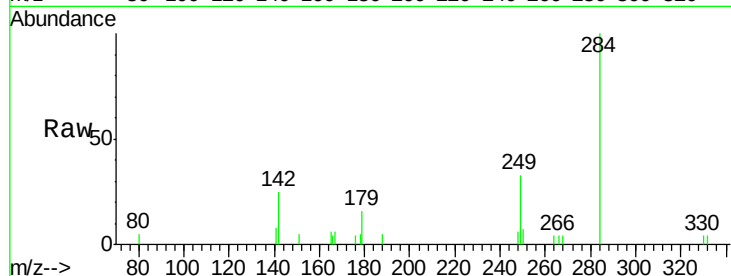
Tot Ion:284 Resp: 1506

Ion Ratio Lower Upper

284 100

142 41.2 22.1 33.1#

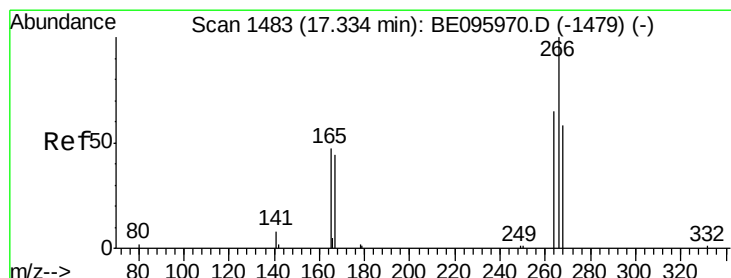
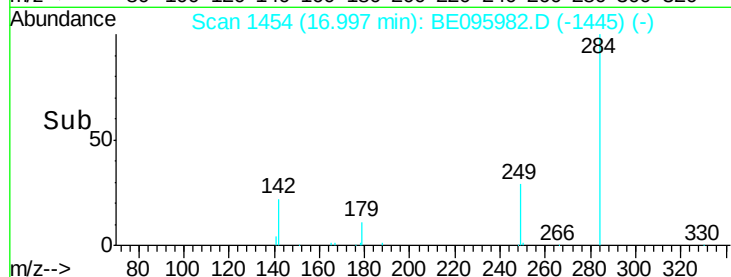
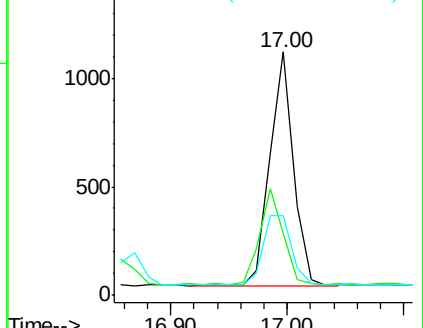
249 36.9 34.8 52.2



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: 0.404 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

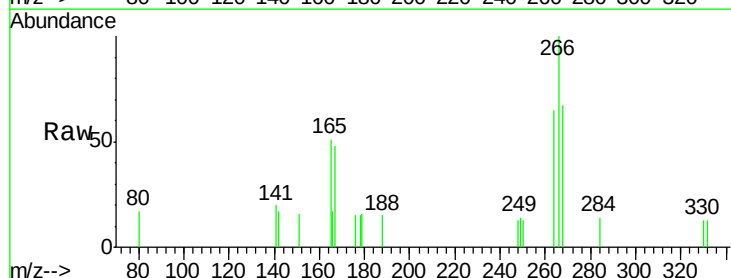
Tgt Ion:266 Resp: 494

Ion Ratio Lower Upper

266 100

264 64.5 72.5 108.7#

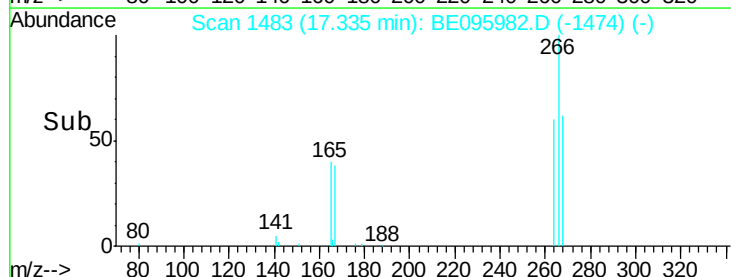
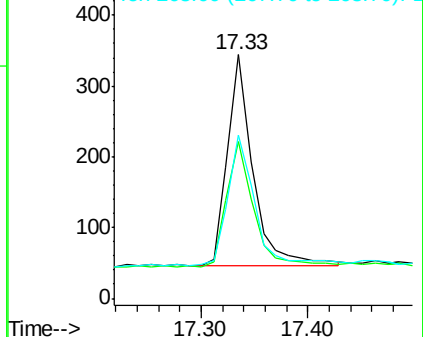
268 66.9 73.8 110.6#

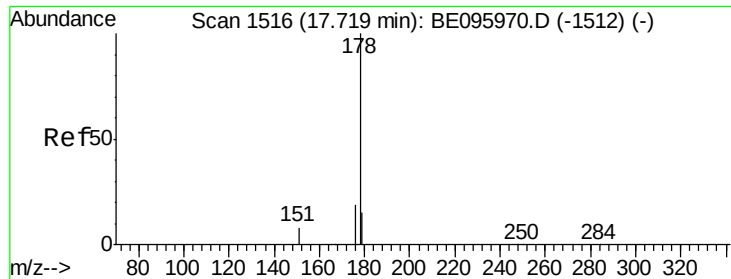


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

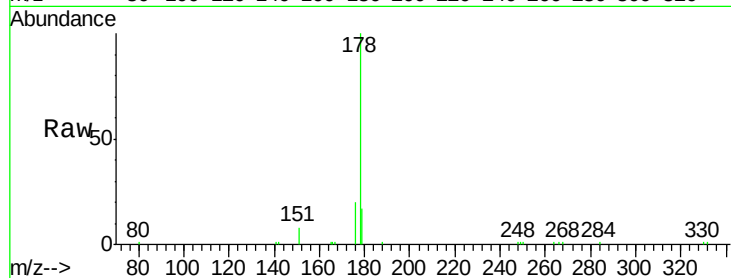
Tot Ion:178 Resp: 7016

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

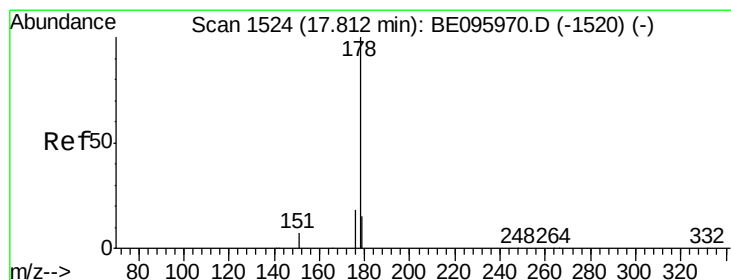
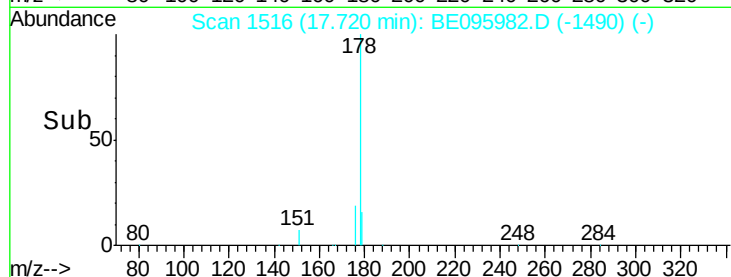
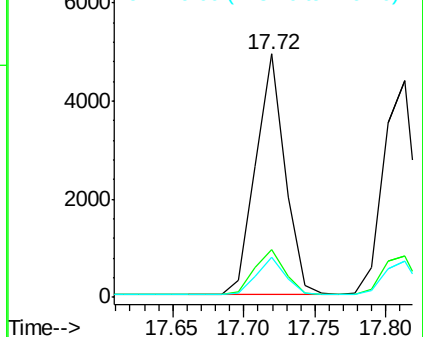
179 15.1 11.8 17.6



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: 0.374 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

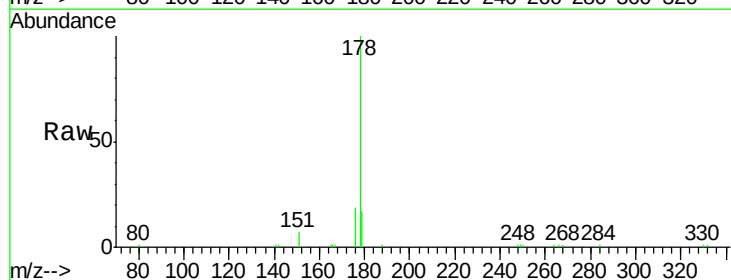
Tgt Ion:178 Resp: 6765

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

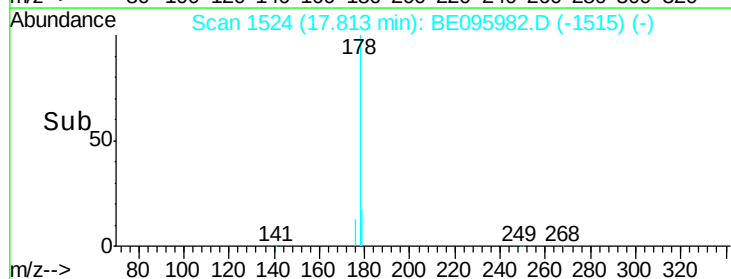
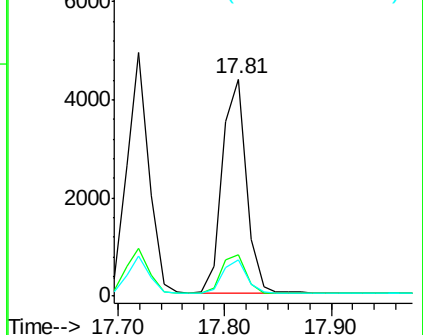
179 15.3 13.0 19.6

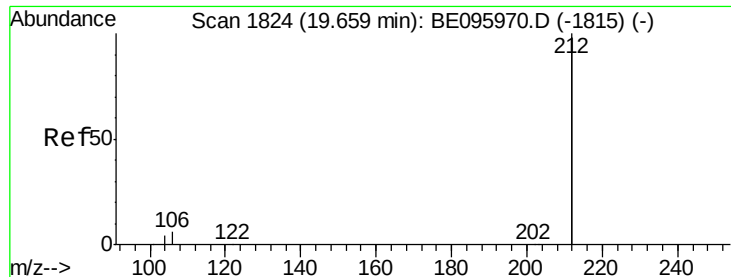


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

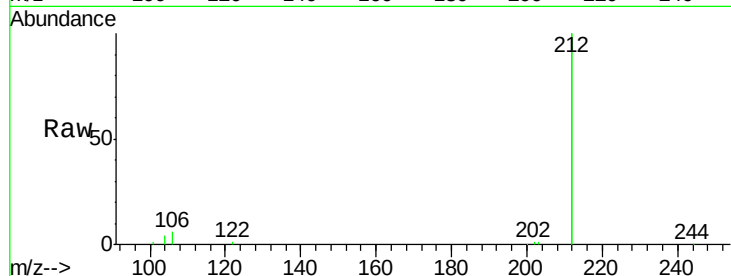
Tot Ion:212 Resp: 34379

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

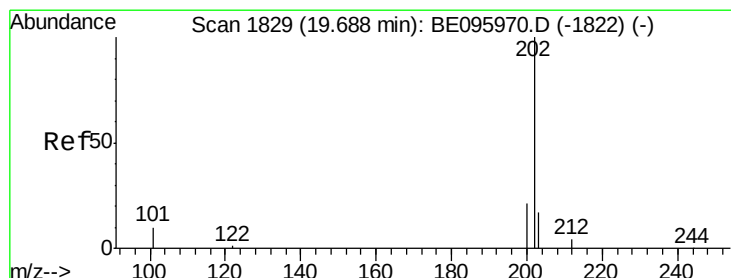
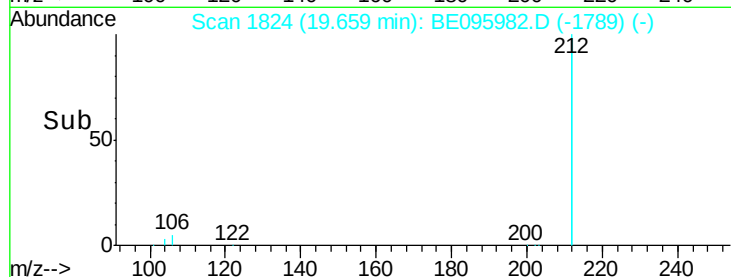
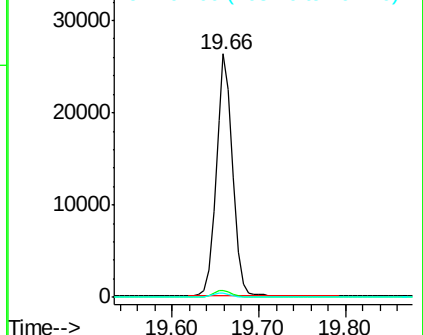
104 1.7 1.6 2.4



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: 0.370 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

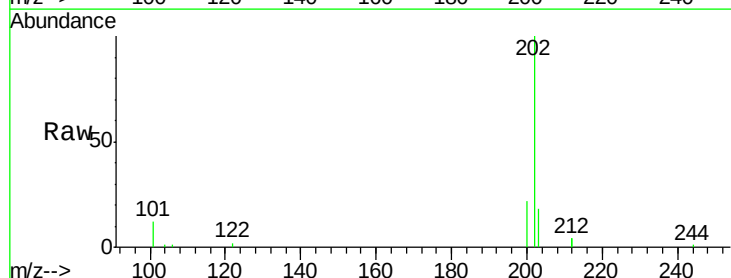
Tgt Ion:202 Resp: 9206

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

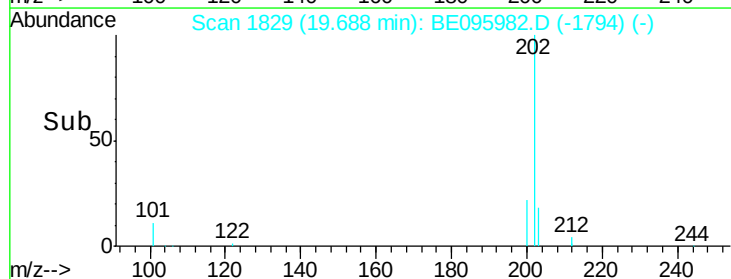
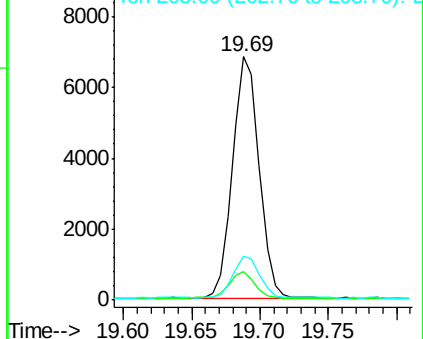
203 17.6 13.7 20.5

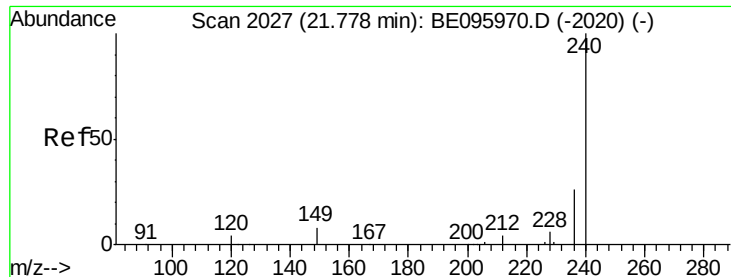


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

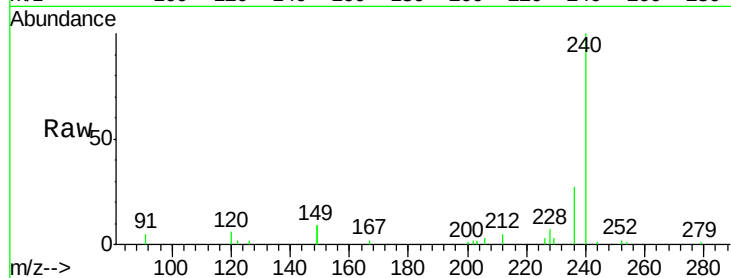
Tot Ion:240 Resp: 7415

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

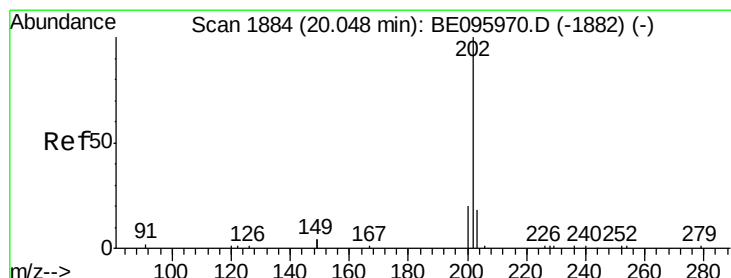
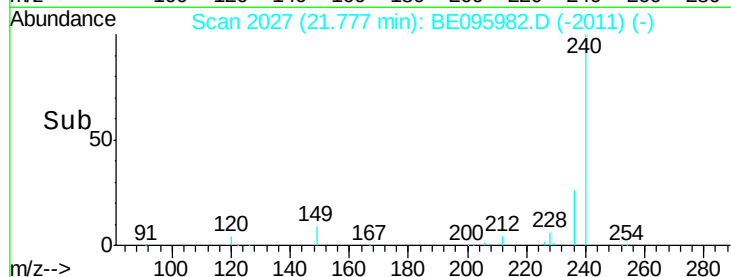
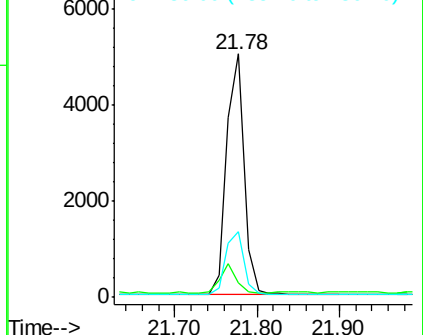
236 26.9 20.7 31.1



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: 0.375 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

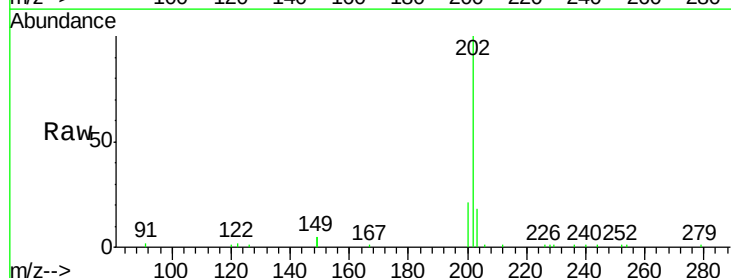
Tgt Ion:202 Resp: 5482

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

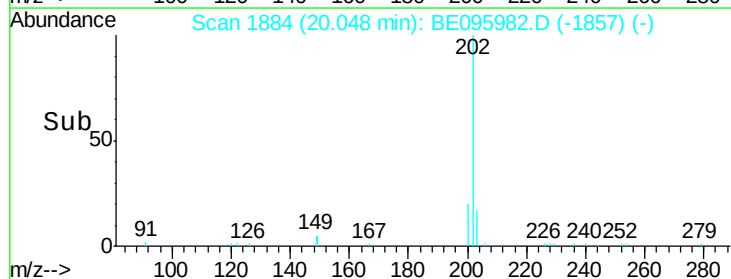
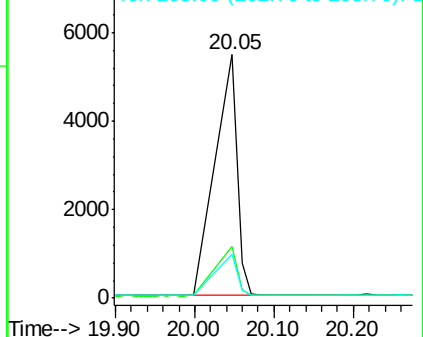
203 17.6 13.8 20.8

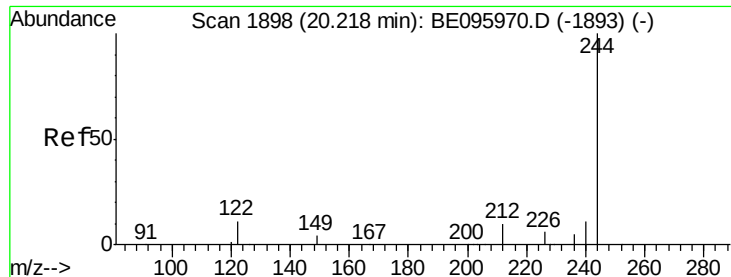


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

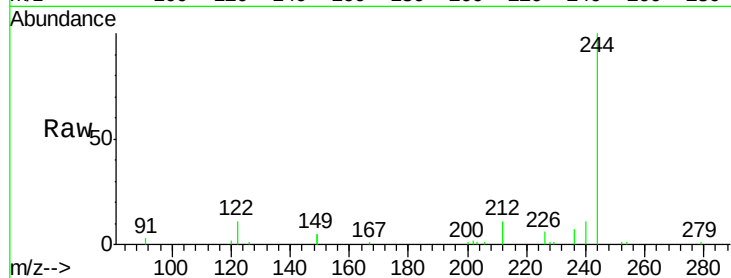
Tot Ion:244 Resp: 6355

Ion Ratio Lower Upper

244 100

212 11.2 25.4 38.0#

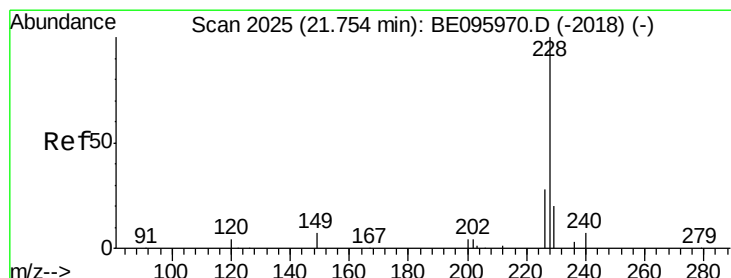
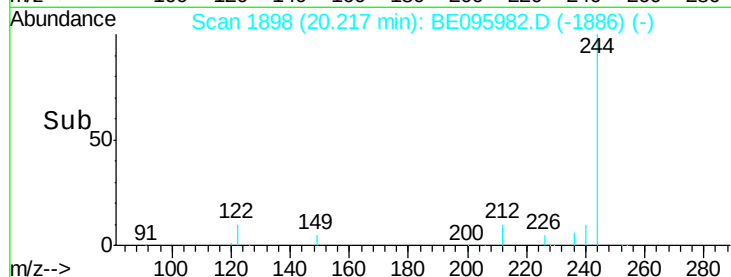
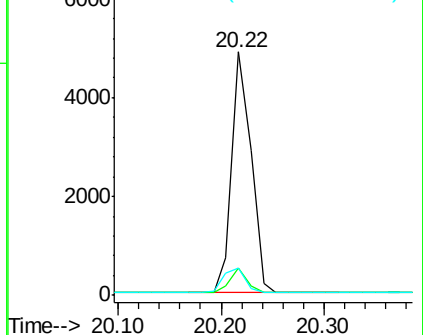
122 11.1 8.1 12.1



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: 0.372 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

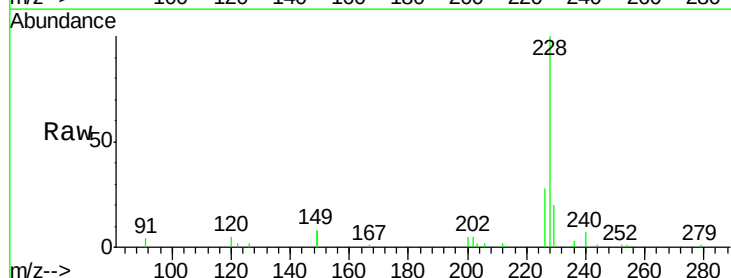
Tgt Ion:228 Resp: 8835

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

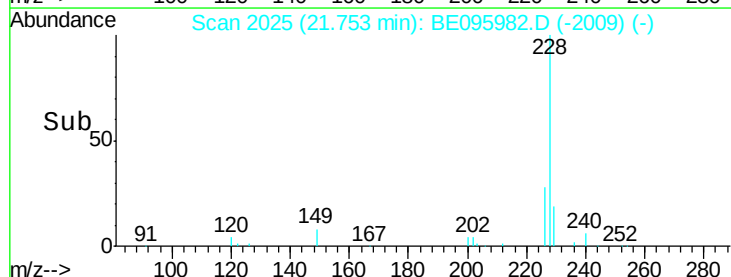
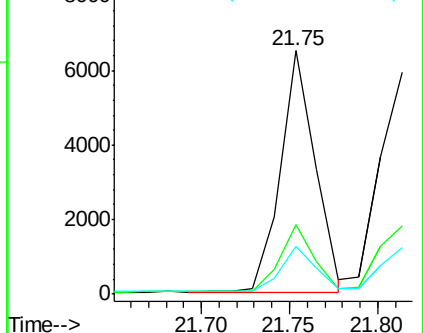
229 19.6 16.0 24.0

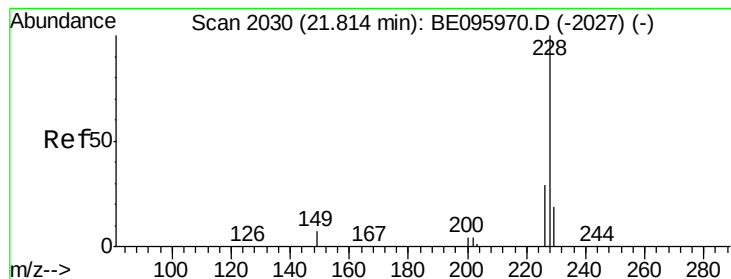


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.376 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

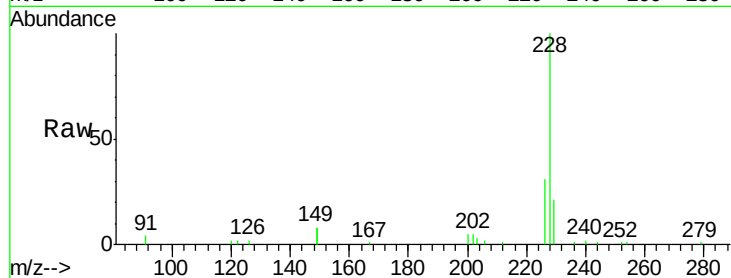
Tot Ion:228 Resp: 8625

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

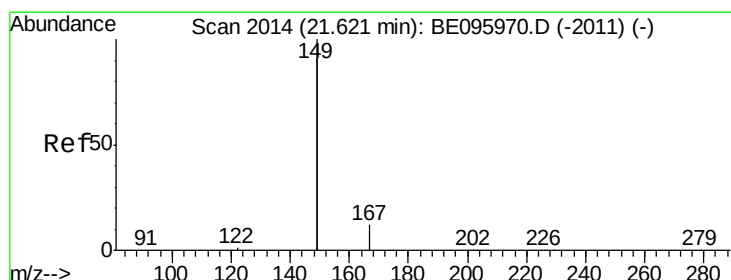
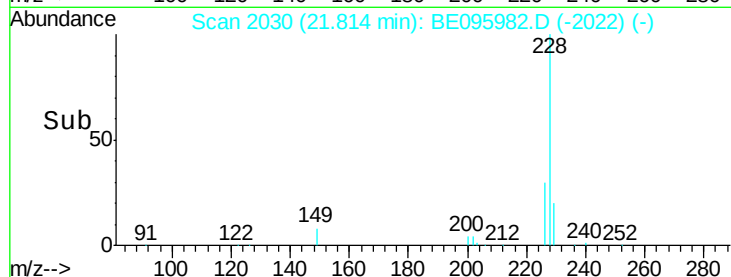
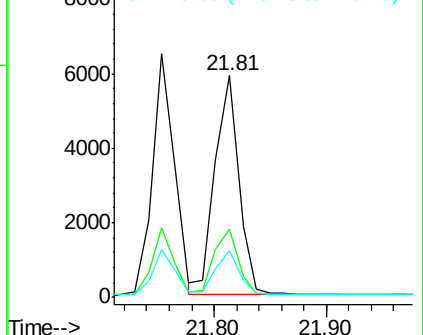
229 21.1 16.0 24.0



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: 0.389 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

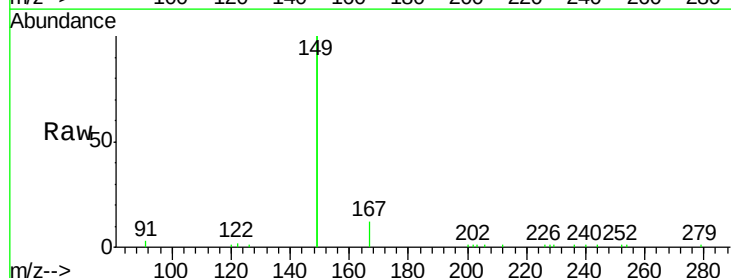
Tgt Ion:149 Resp: 23895

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

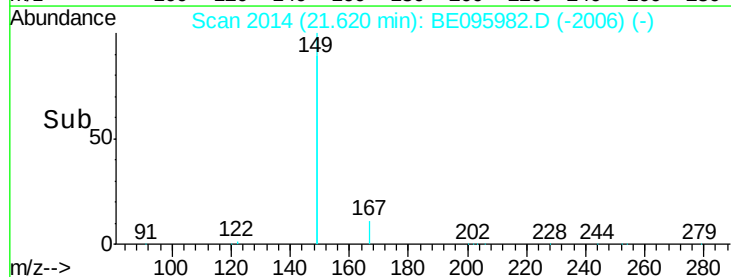
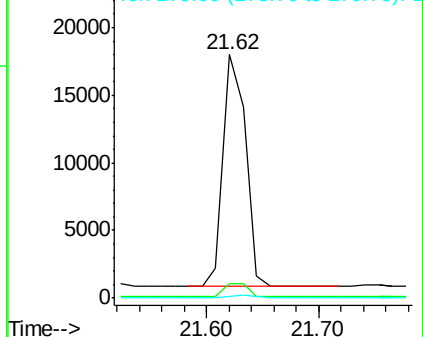
279 0.8 0.7 1.1

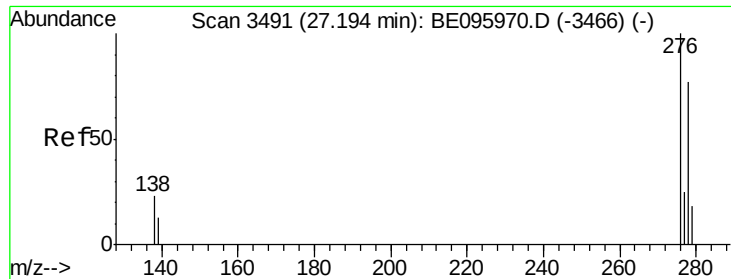


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.380 ng

RT: 27.18 min Scan# 3488

Delta R.T. -0.01 min

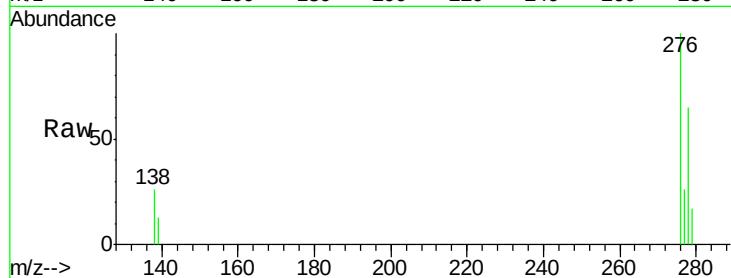
Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :



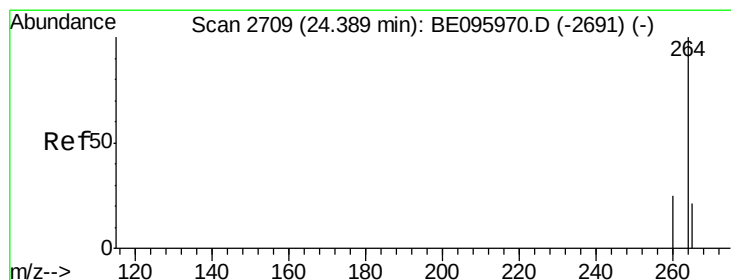
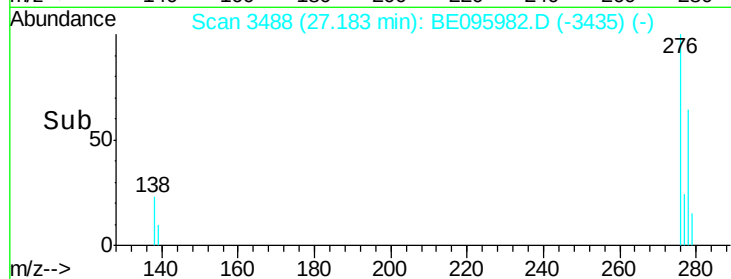
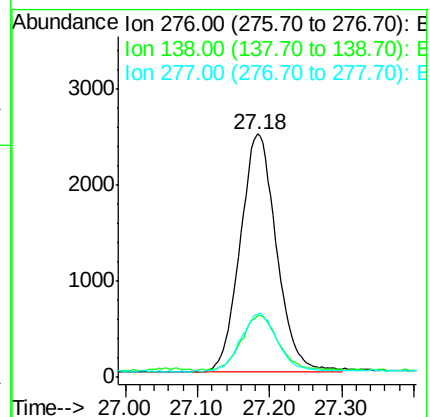
Tot Ion:276 Resp: 8463

Ion Ratio Lower Upper

276 100

138 23.2 22.5 33.7

277 24.1 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

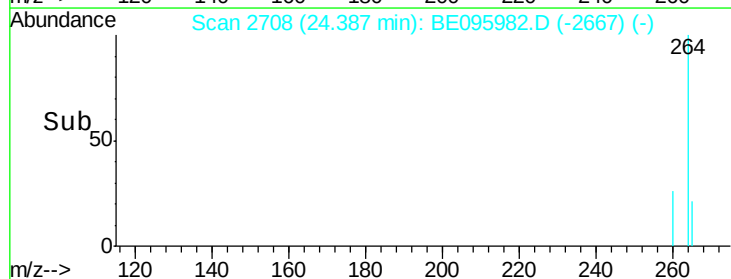
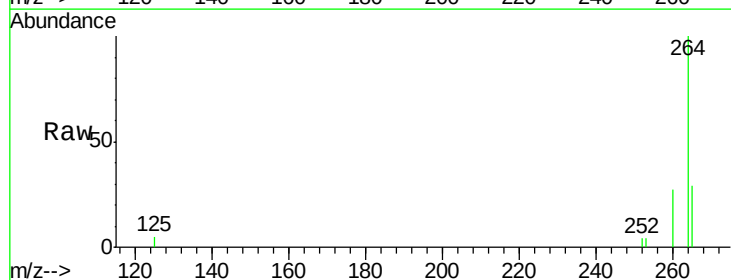
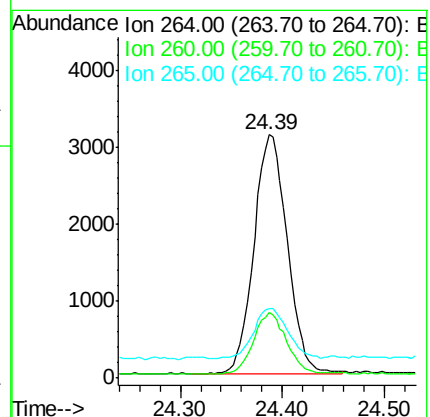
Tgt Ion:264 Resp: 7032

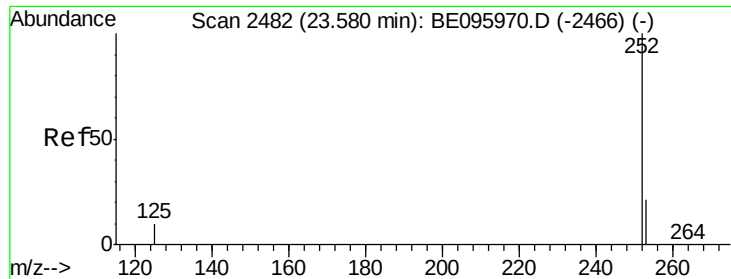
Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 28.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.376 ng

RT: 23.58 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

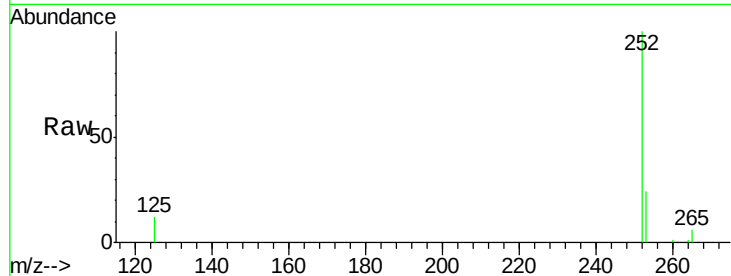
Tot Ion:252 Resp: 7936

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

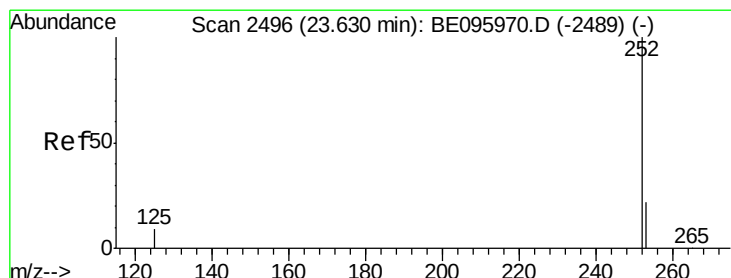
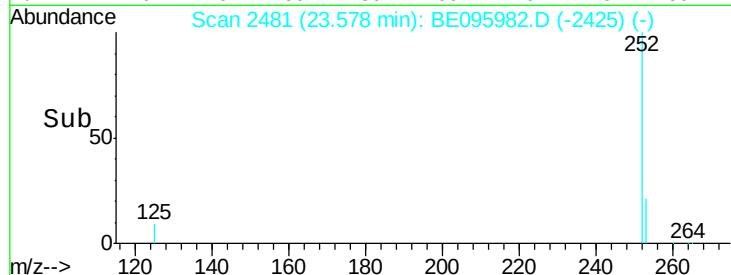
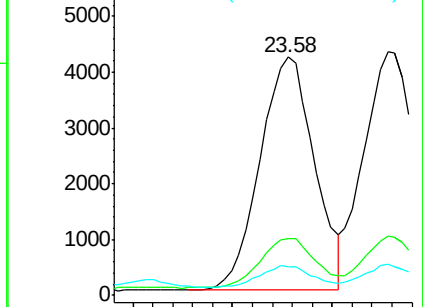
125 12.2 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.63 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

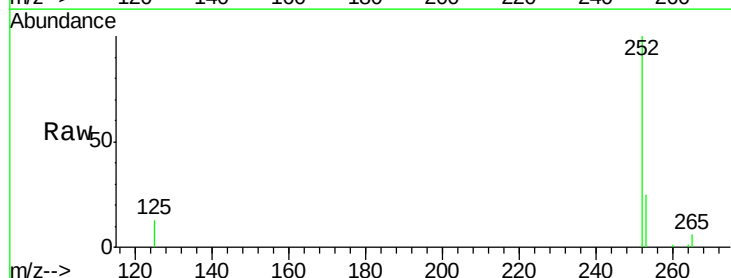
Tgt Ion:252 Resp: 8060

Ion Ratio Lower Upper

252 100

253 24.5 16.0 24.0#

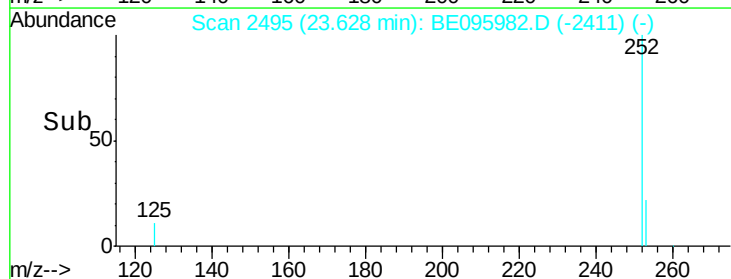
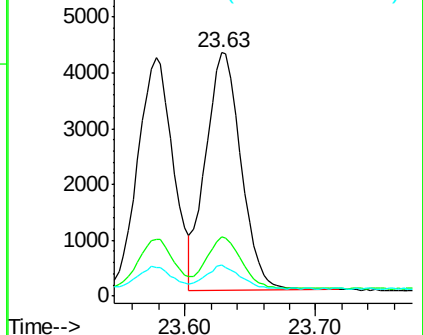
125 13.0 8.0 12.0#

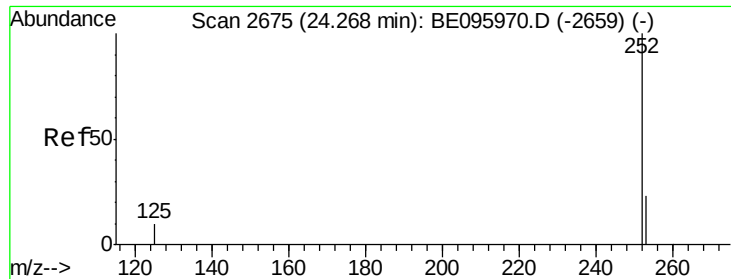


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :

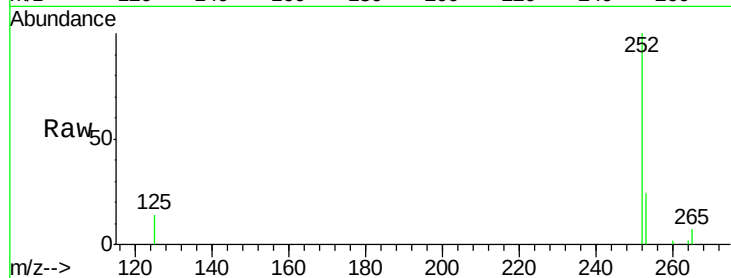
Tot Ion:252 Resp: 7565

Ion Ratio Lower Upper

252 100

253 24.2 16.0 24.0#

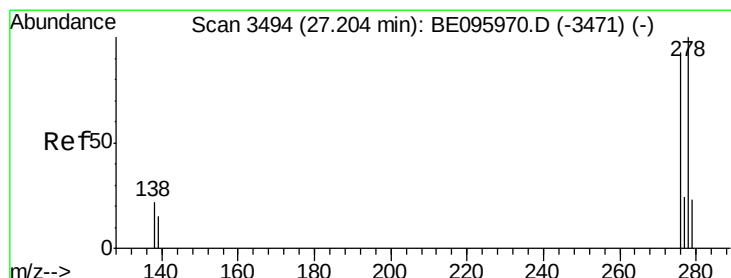
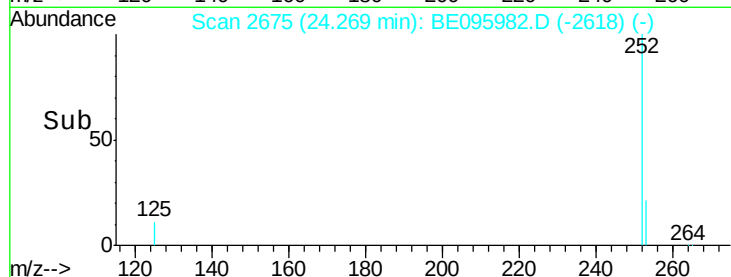
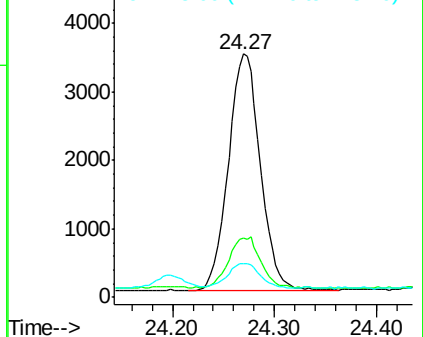
125 14.1 12.0 18.0



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: 0.388 ng

RT: 27.20 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

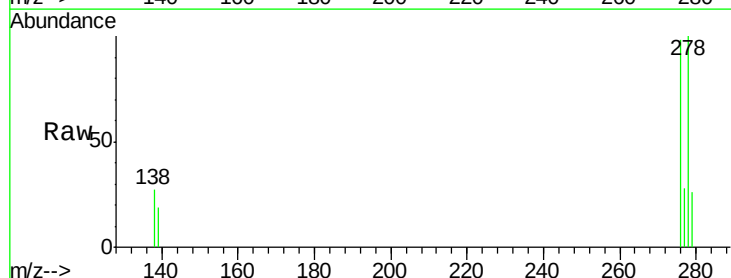
Tgt Ion:278 Resp: 6942

Ion Ratio Lower Upper

278 100

139 19.5 16.0 24.0

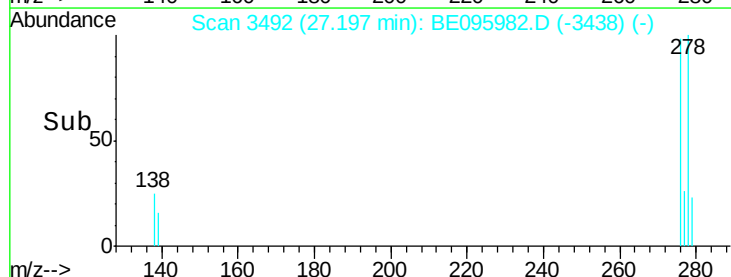
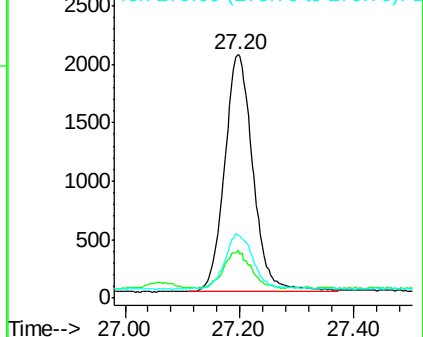
279 26.2 20.0 30.0

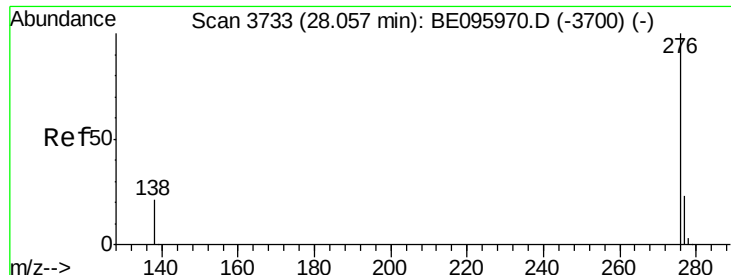


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.371 ng

RT: 28.06 min Scan# 3733

Delta R.T. -0.00 min

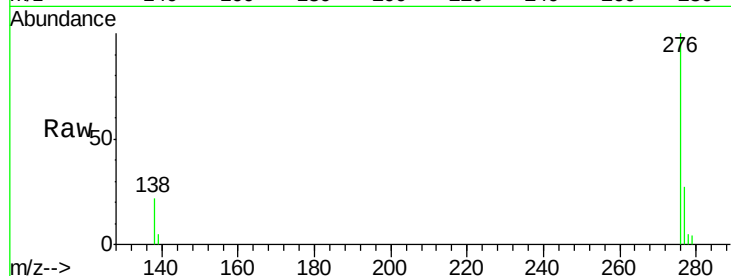
Lab File: BE095982.D

Acq: 11 Apr 2018 21:56

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 7013

Ion Ratio Lower Upper

276 100

277 26.8 16.0 24.0#

138 22.1 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

