

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095821.D
 Acq On : 23 Mar 2018 12:21
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 23 12:57:01 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	1078	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	4050	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2513	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6393	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7631	0.40	ng	0.00
34) Perylene-d12	24.43	264	7368	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1374	0.39	ng	-0.01
5) Phenol-d6	7.56	99	1860	0.38	ng	0.00
8) Nitrobenzene-d5	9.59	82	1913	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2749	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	543	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4141	0.39	ng	0.00
25) Fluoranthene-d10	19.69	212	38080	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	6462	0.40	ng	0.00

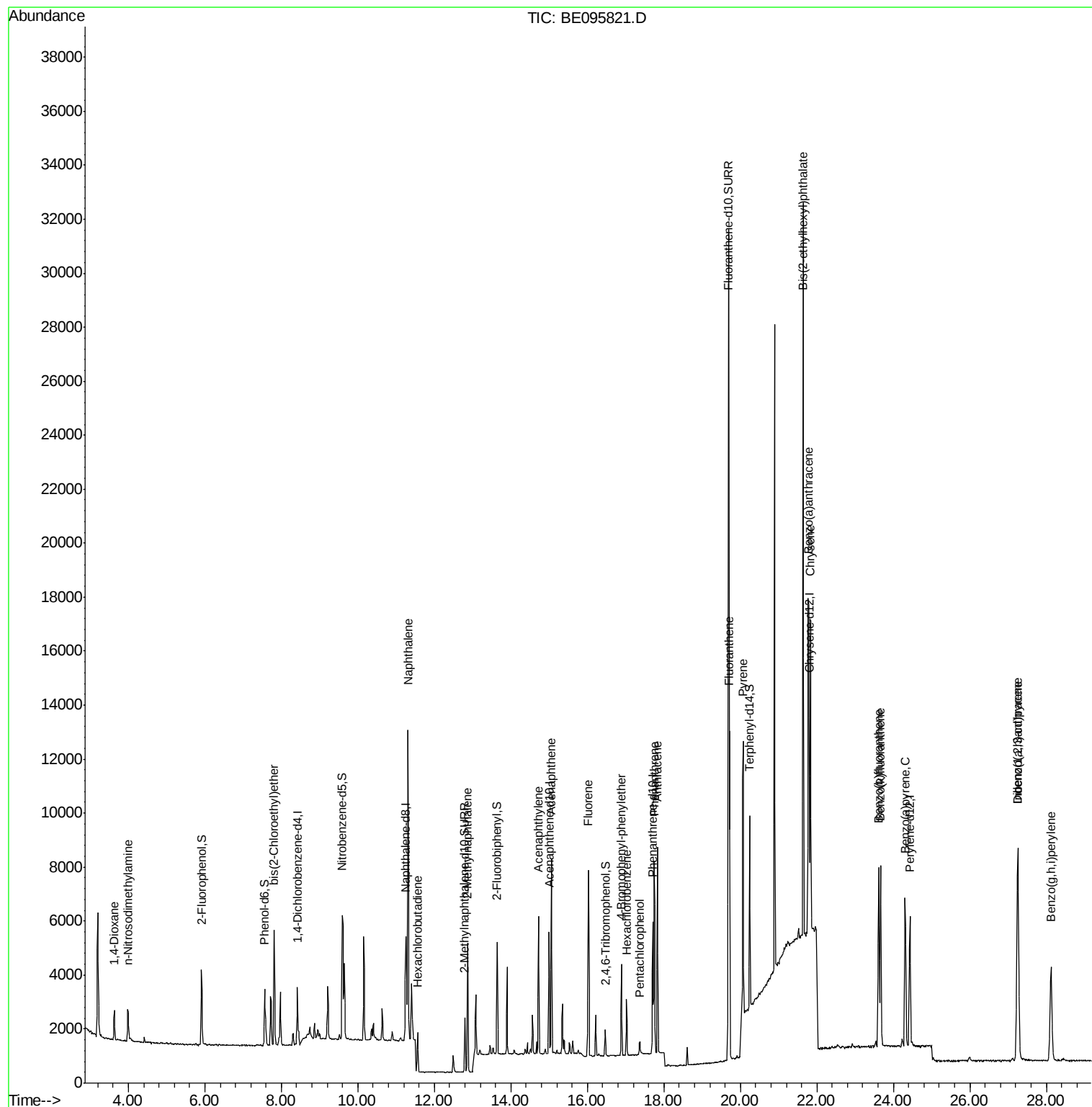
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	713	0.404	ng	95
3) n-Nitrosodimethylamine	3.98	42	948	0.366	ng	# 80
6) bis(2-Chloroethyl)ether	7.82	93	1572	0.373	ng	97
9) Naphthalene	11.31	128	18242	0.394	ng	99
10) Hexachlorobutadiene	11.56	225	1268	0.399	ng	94
12) 2-Methylnaphthalene	12.87	142	3217	0.407	ng	94
16) Acenaphthylene	14.73	152	5650	0.393	ng	100
17) Acenaphthene	15.06	154	3438	0.392	ng	96
18) Fluorene	16.03	166	4524	0.392	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1515	0.394	ng	# 79
21) Hexachlorobenzene	17.02	284	1504	0.392	ng	# 82
22) Pentachlorophenol	17.37	266	323	0.354	ng	# 82
23) Phenanthrene	17.74	178	7651	0.400	ng	98
24) Anthracene	17.84	178	7539	0.394	ng	96
26) Fluoranthene	19.72	202	10659	0.401	ng	97
28) Pyrene	20.07	202	13730	0.442	ng	98
30) Benzo(a)anthracene	21.78	228	10721	0.405	ng	99
31) Chrysene	21.84	228	9750	0.404	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	29023	0.359	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	10594	0.407	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	9858	0.404	ng	# 95
36) Benzo(k)fluoranthene	23.66	252	9947	0.408	ng	# 89
37) Benzo(a)pyrene	24.31	252	9189	0.402	ng	# 90
38) Dibenzo(a,h)anthracene	27.25	278	8829	0.407	ng	96
39) Benzo(g,h,i)perylene	28.12	276	8565	0.393	ng	# 91

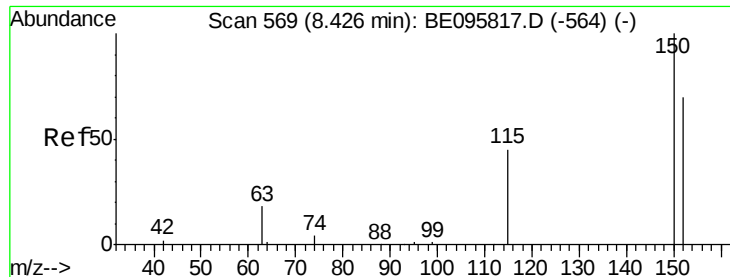
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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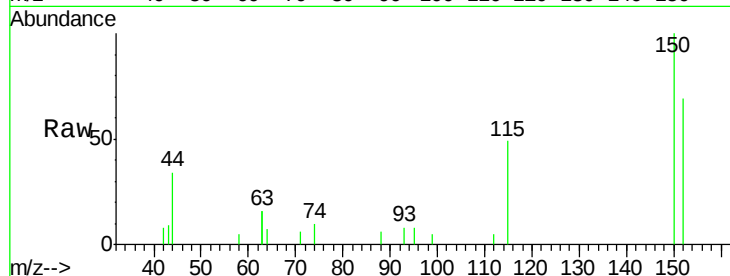


#1

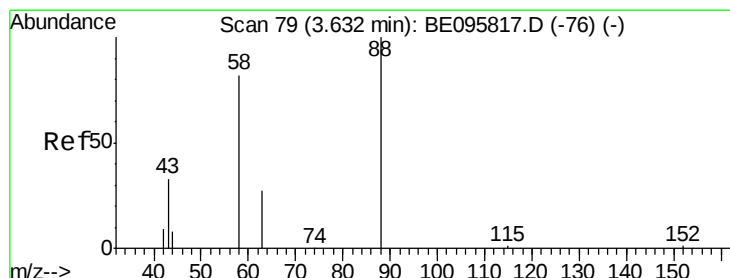
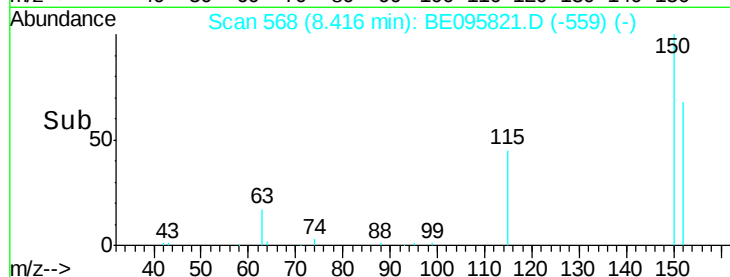
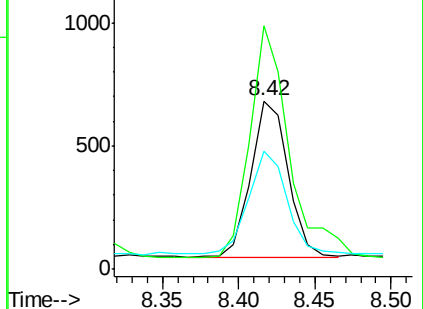
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1078
Ion Ratio Lower Upper
152 100
150 144.5 117.2 175.8
115 70.3 57.0 85.6



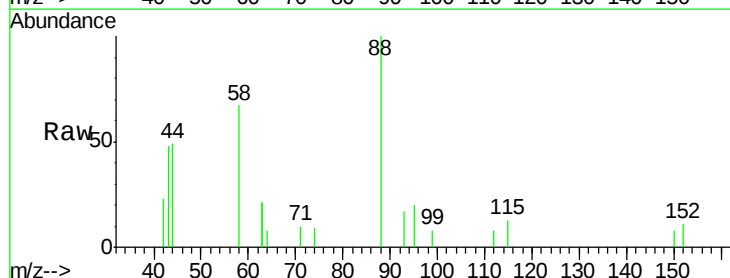
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



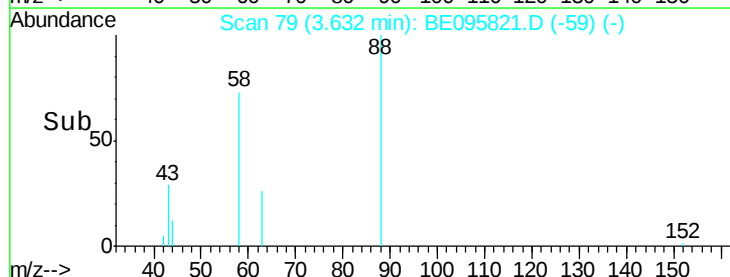
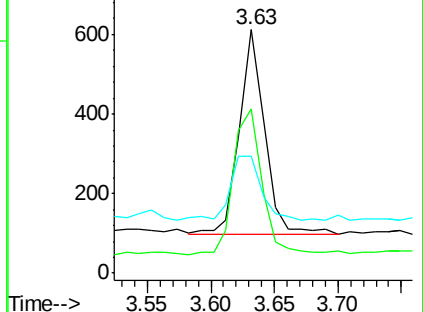
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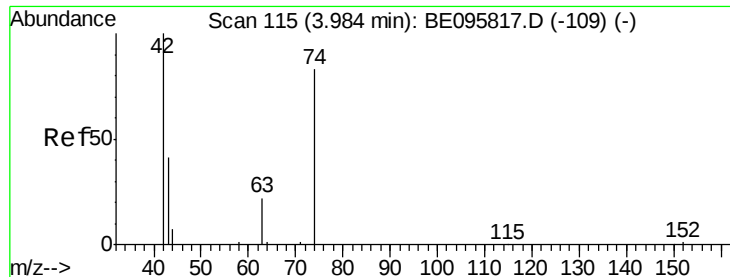
1,4-Dioxane
Concen: 0.404 ng
RT: 3.63 min Scan# 79
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion: 88 Resp: 713
Ion Ratio Lower Upper
88 100
58 79.8 63.2 94.8
43 42.9 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



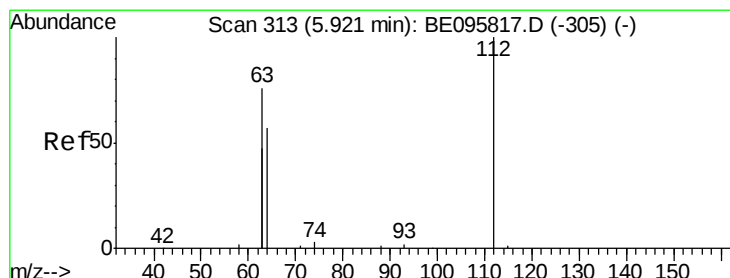
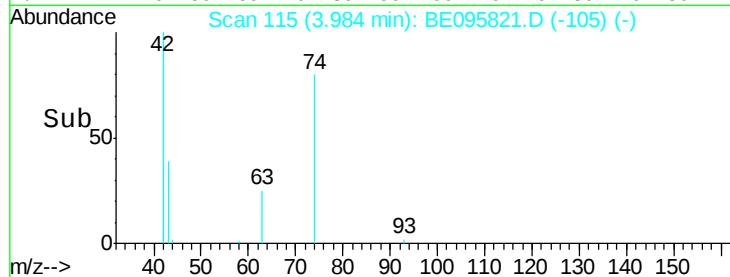
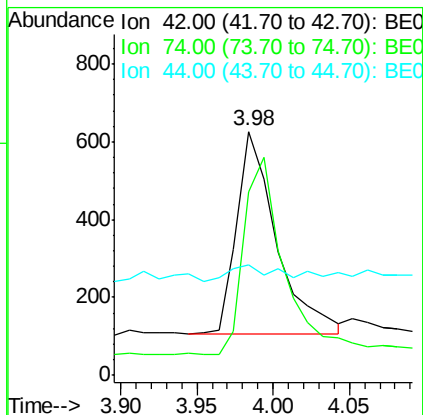
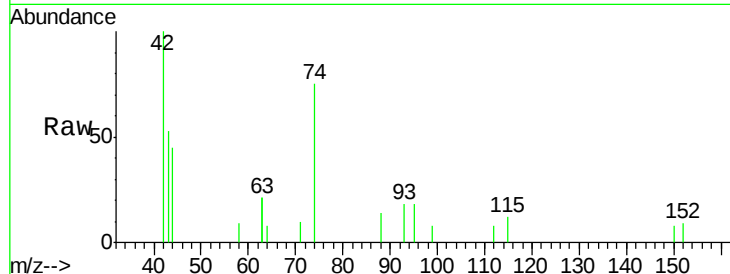


#3

n-Nitrosodimethylamine
 Concen: 0.366 ng
 RT: 3.98 min Scan# 115
 Delta R.T. -0.00 min
 Lab File: BE095821.D
 Acq: 23 Mar 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

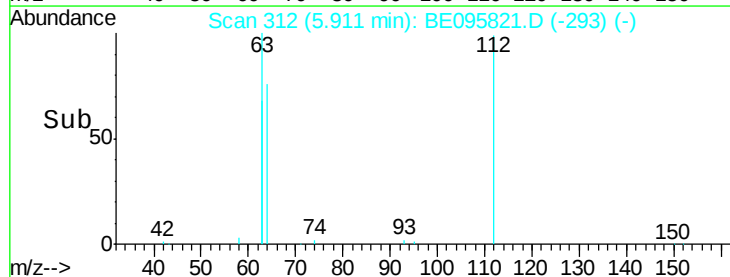
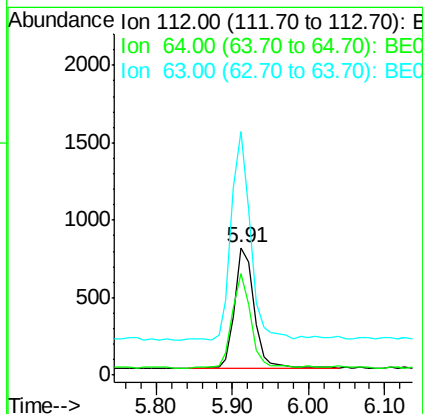
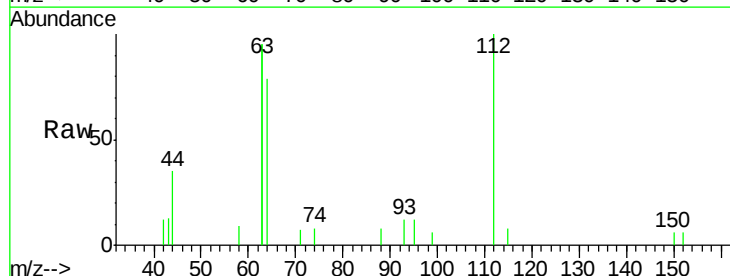
Tot Ion: 42 Resp: 948
 Ion Ratio Lower Upper
 42 100
 74 97.4 96.0 144.0
 44 8.9 12.0 18.0#

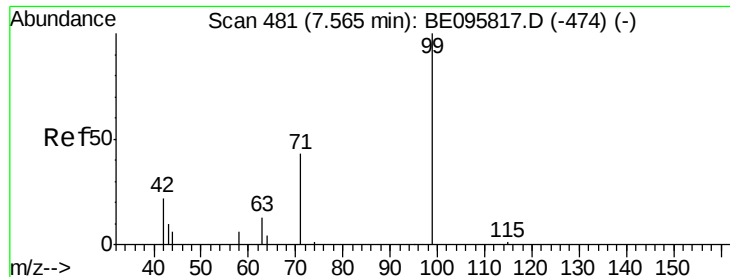


#4

2-Fluorophenol
 Concen: 0.387 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095821.D
 Acq: 23 Mar 2018 12:21

Tgt Ion: 112 Resp: 1374
 Ion Ratio Lower Upper
 112 100
 64 73.4 60.1 90.1
 63 165.0 116.8 175.2





#5

Phenol-d6

Concen: 0.381 ng

RT: 7.56 min Scan# 481

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampled :

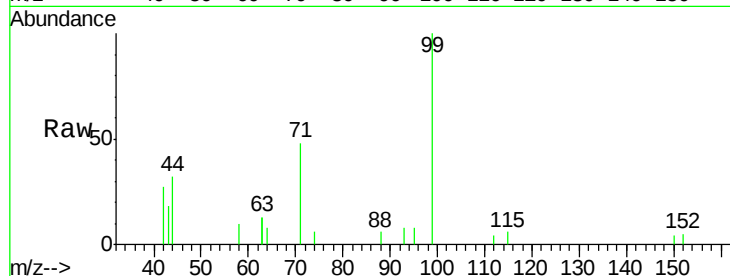
Tot Ion: 99 Resp: 1860

Ion Ratio Lower Upper

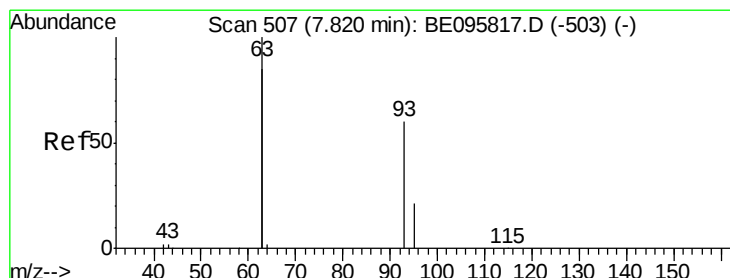
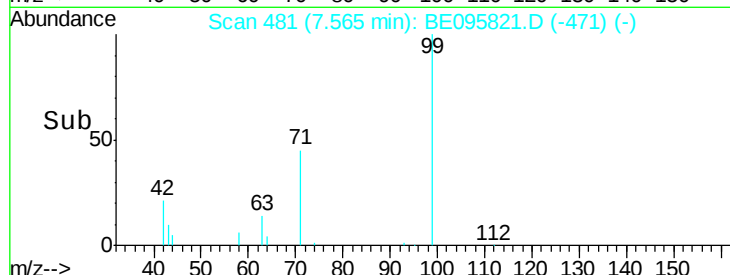
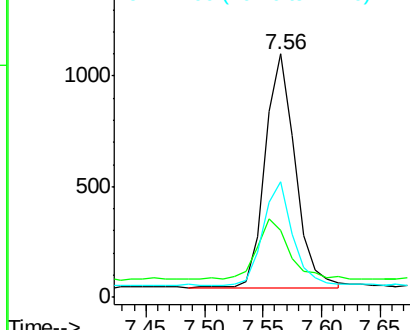
99 100

42 28.1 20.2 30.2

71 44.6 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: 0.373 ng

RT: 7.82 min Scan# 507

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

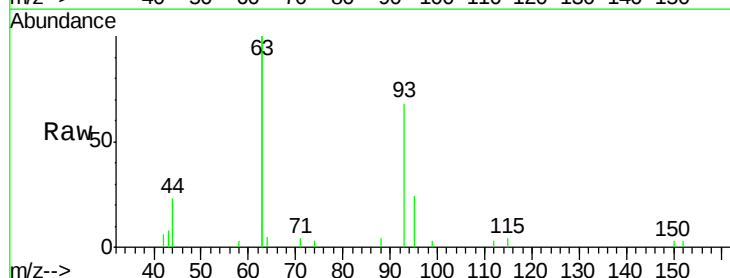
Tgt Ion: 93 Resp: 1572

Ion Ratio Lower Upper

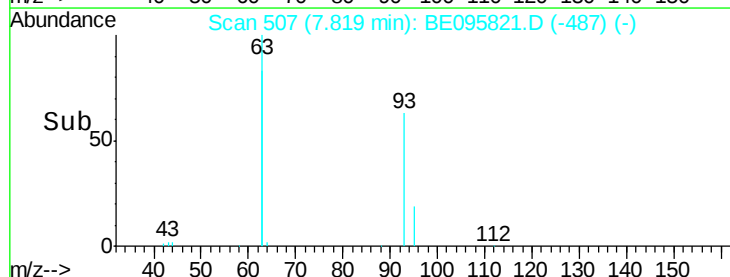
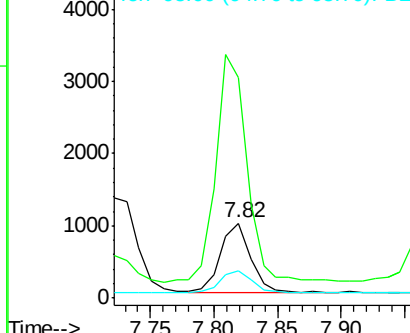
93 100

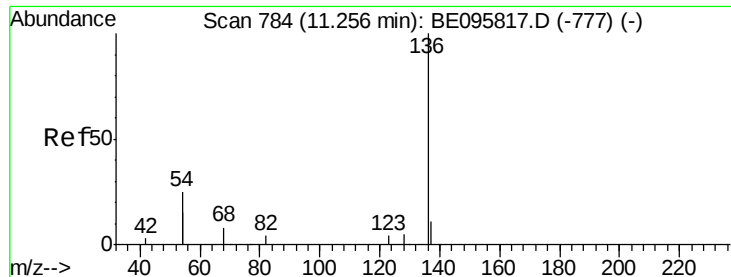
63 337.8 275.3 412.9

95 32.7 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: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4050

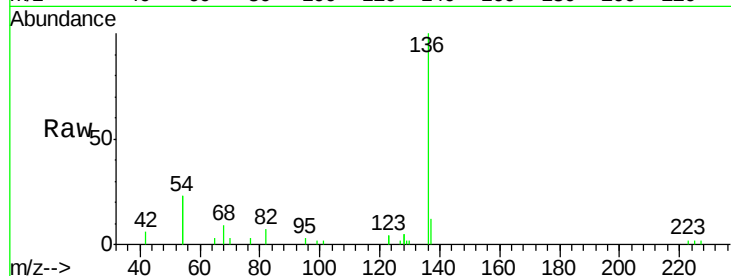
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 45.3 29.1 43.7#

68 8.9 6.2 9.2

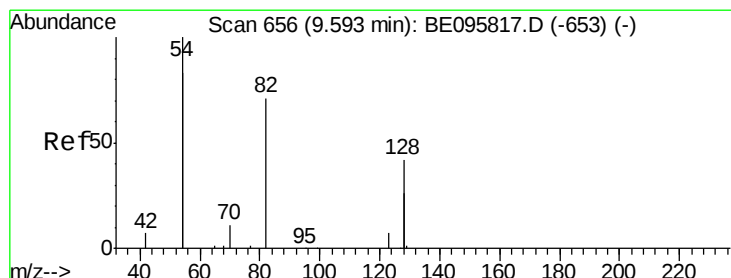
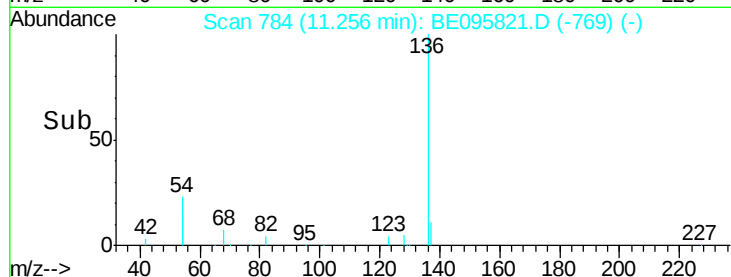
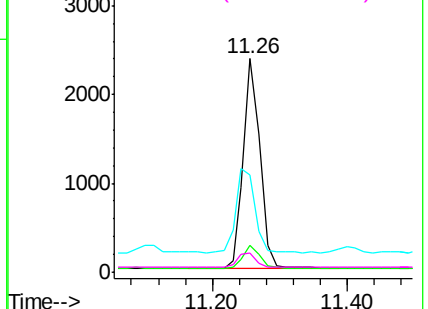


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

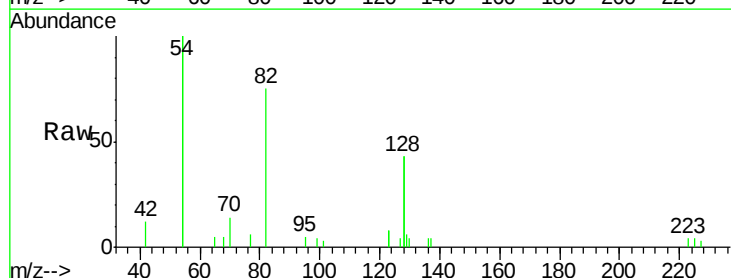
Tgt Ion: 82 Resp: 1913

Ion Ratio Lower Upper

82 100

128 115.1 150.0 225.0#

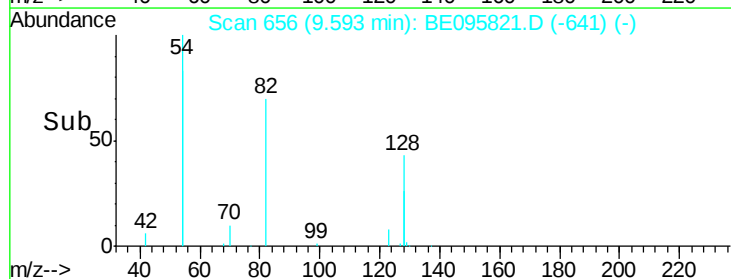
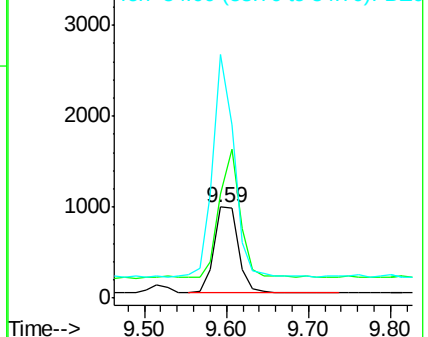
54 267.9 154.2 231.4#

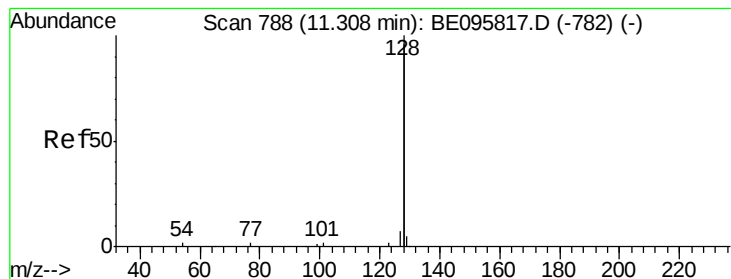


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

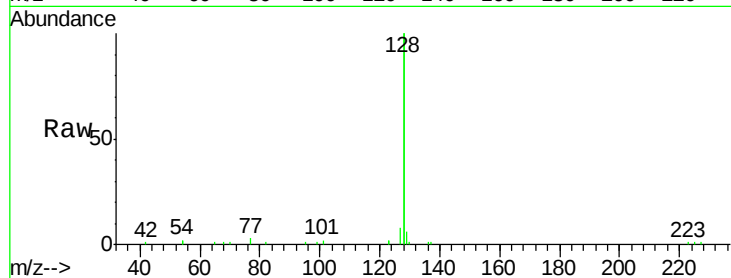
Tot Ion:128 Resp: 18242

Ion Ratio Lower Upper

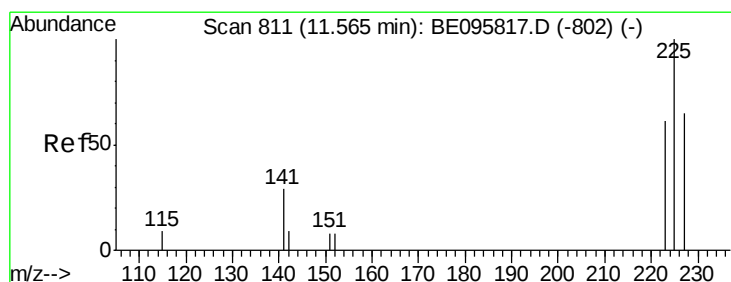
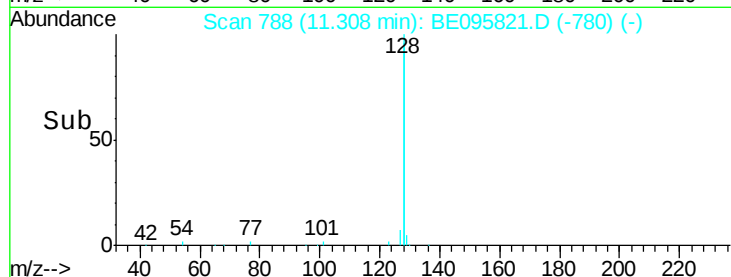
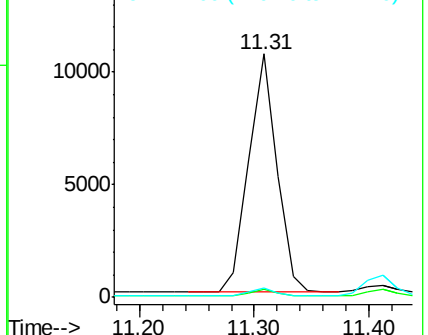
128 100

129 3.2 2.6 3.8

127 3.8 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: 0.399 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

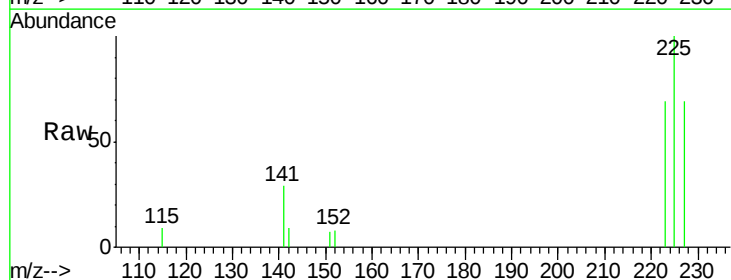
Tgt Ion:225 Resp: 1268

Ion Ratio Lower Upper

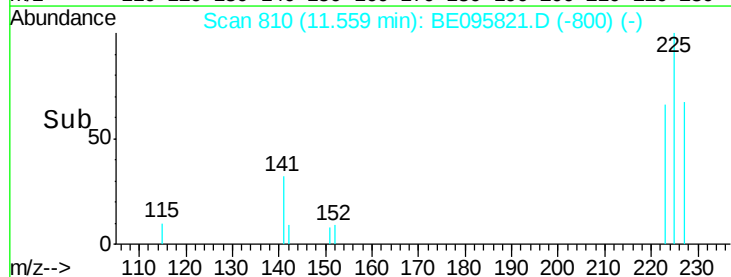
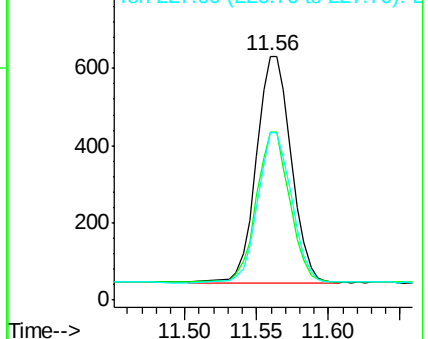
225 100

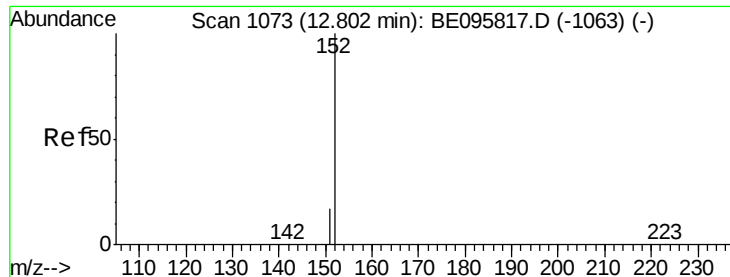
223 61.2 53.0 79.6

227 68.5 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

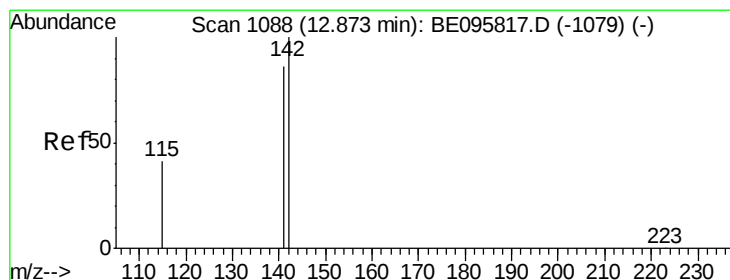
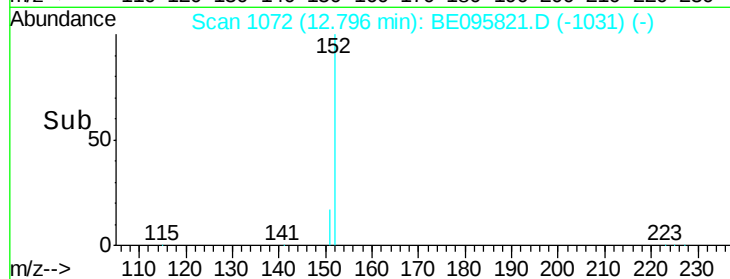
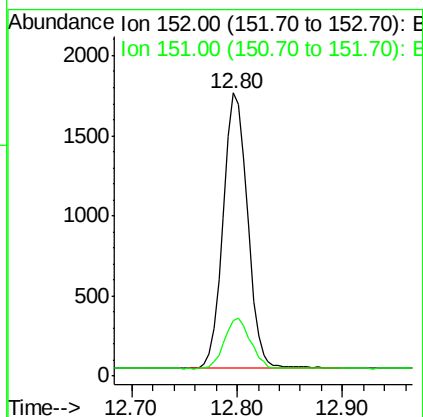
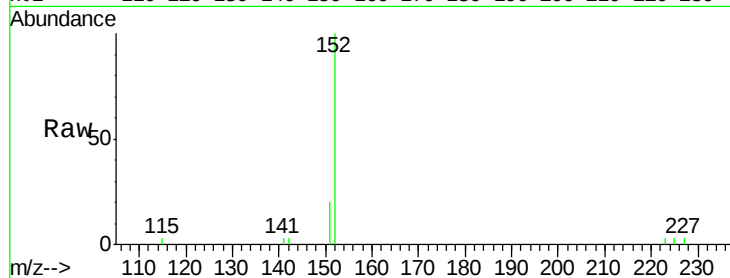




#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.80 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

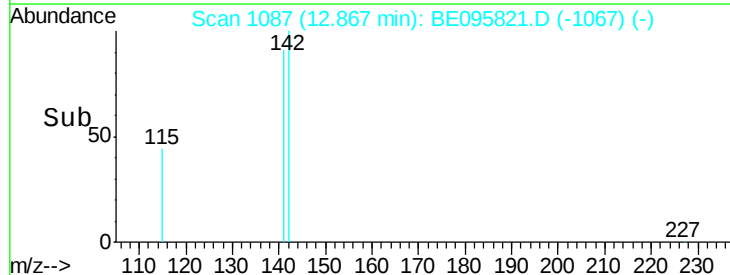
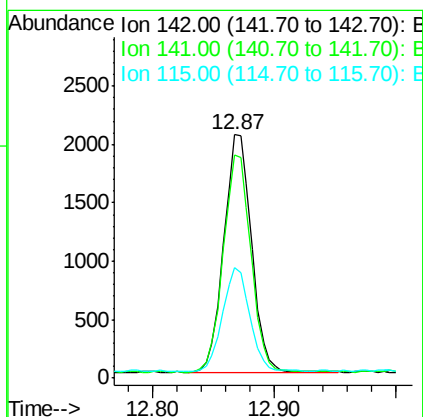
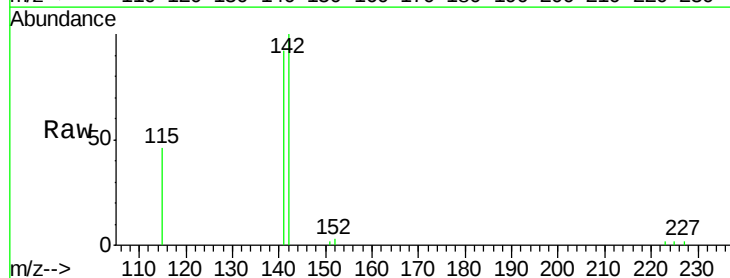
Instrument :
BNA_E
ClientSampleId :

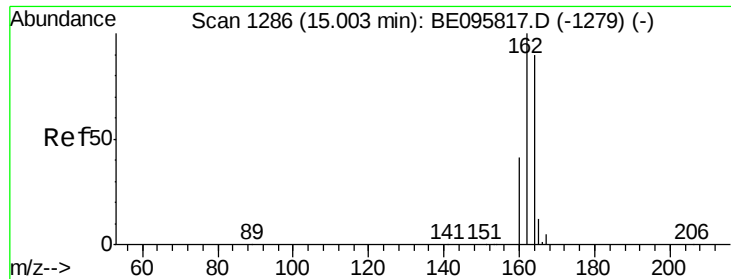
Tot Ion:152 Resp: 2749
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion:142 Resp: 3217
Ion Ratio Lower Upper
142 100
141 91.5 70.4 105.6
115 45.6 31.7 47.5

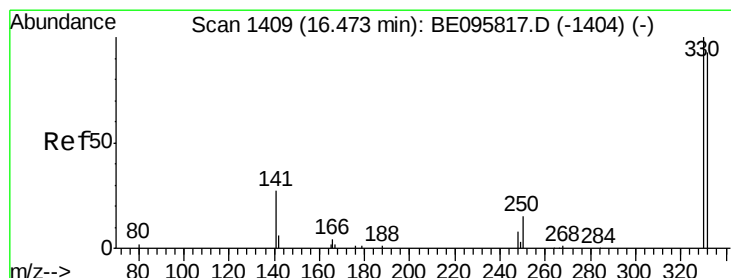
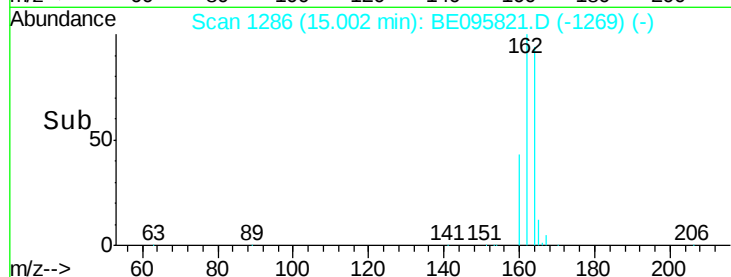
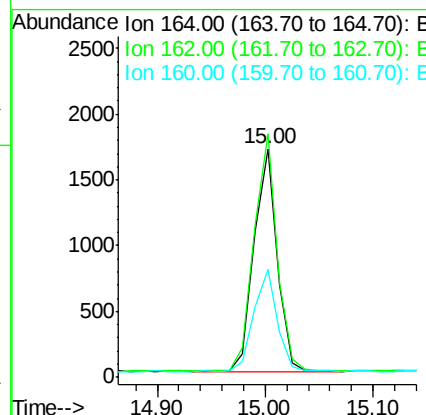
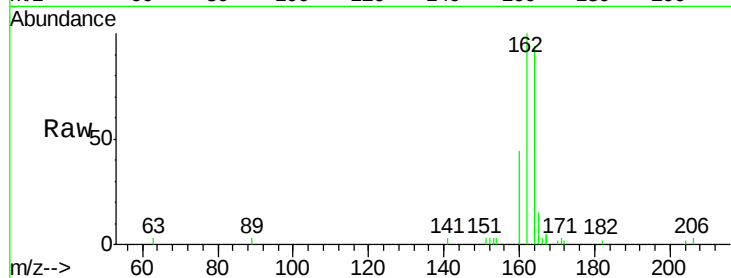




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE095821.D
 Acq: 23 Mar 2018 12:21

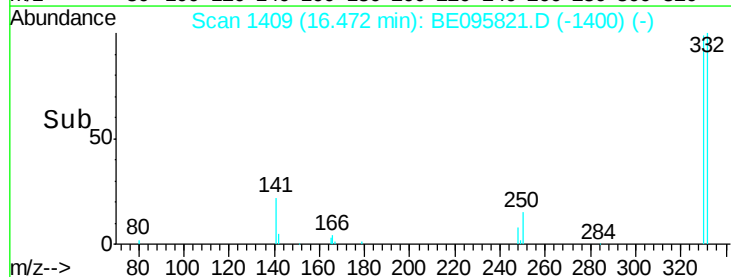
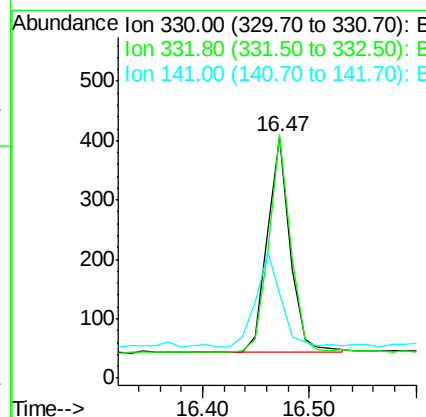
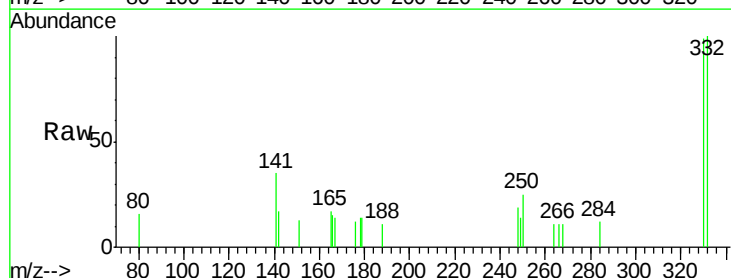
Instrument :
 BNA_E
 ClientSampleId :

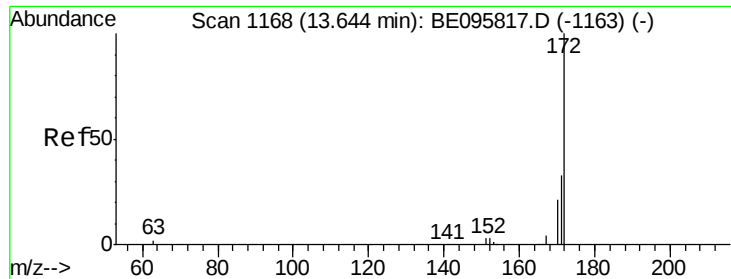
Tot Ion:164 Resp: 2513
 Ion Ratio Lower Upper
 164 100
 162 106.5 83.1 124.7
 160 47.2 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095821.D
 Acq: 23 Mar 2018 12:21

Tgt Ion:330 Resp: 543
 Ion Ratio Lower Upper
 330 100
 332 96.3 152.7 229.1#
 141 47.7 33.7 50.5

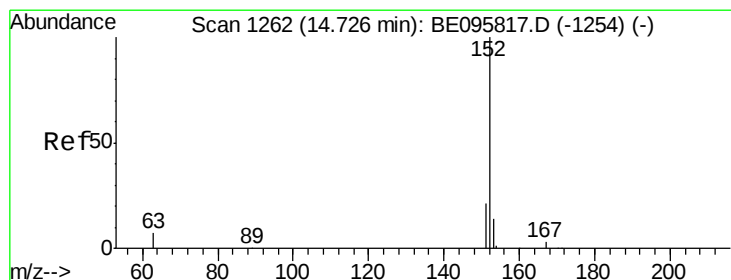
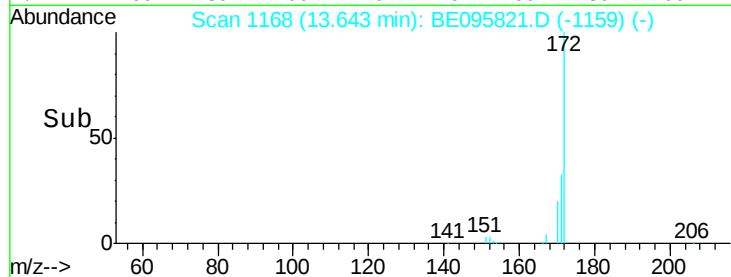
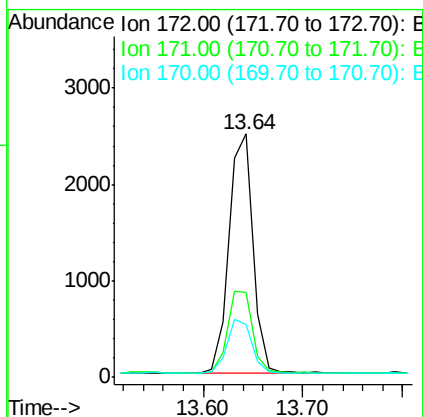
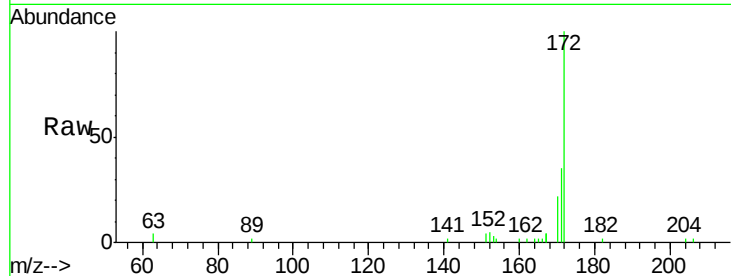




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

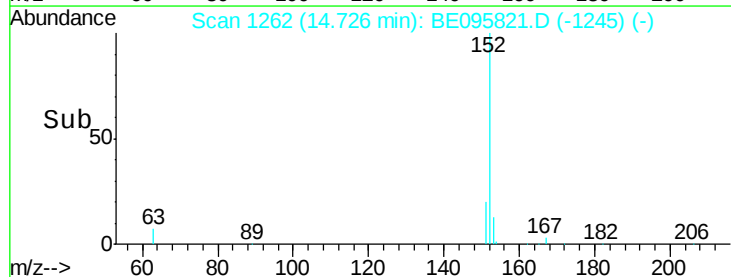
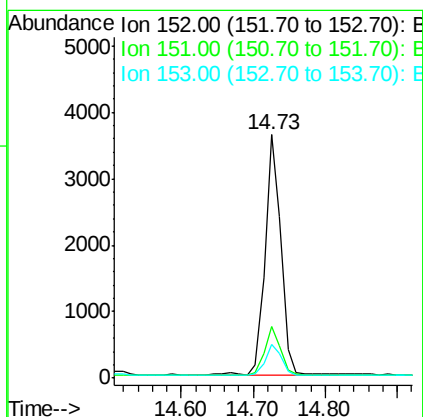
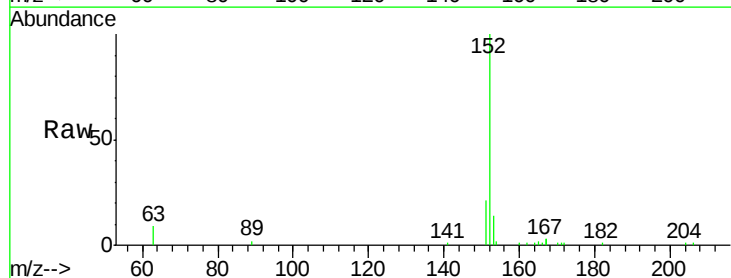
Instrument :
BNA_E
ClientSampleId :

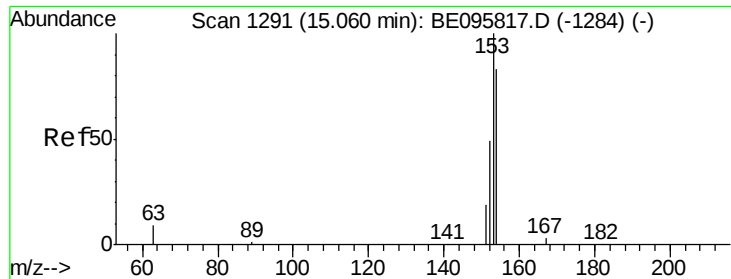
Tot Ion:172 Resp: 4141
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 21.8 21.8 32.8#



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion:152 Resp: 5650
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.8 10.5 15.7

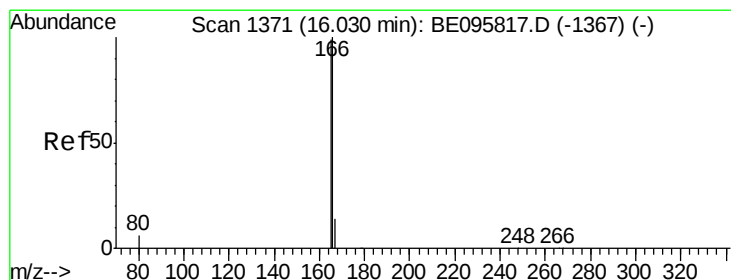
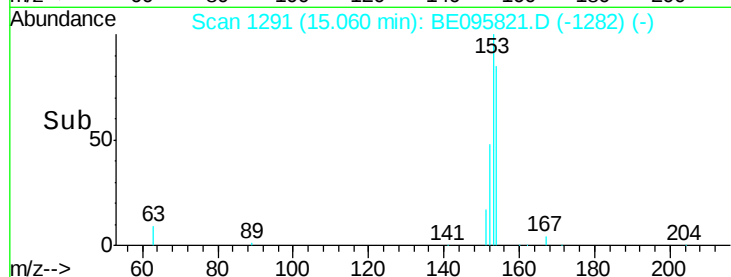
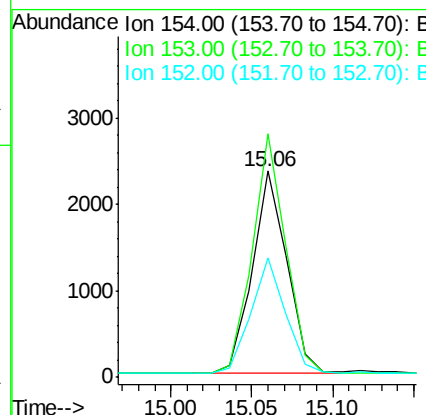
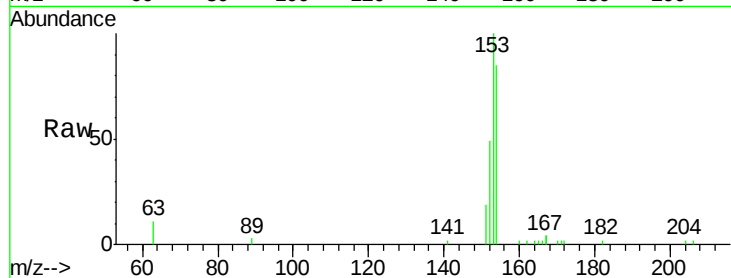




#17
Acenaphthene
Concen: 0.392 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

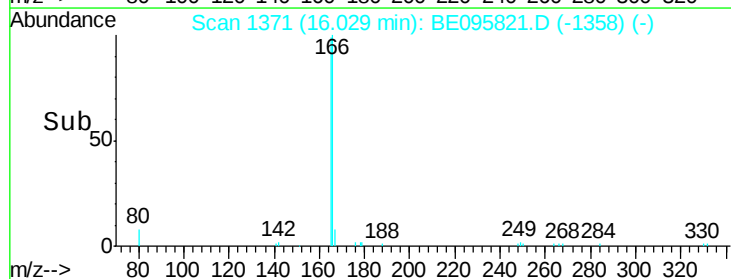
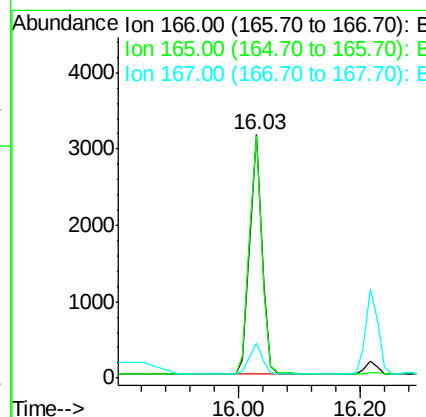
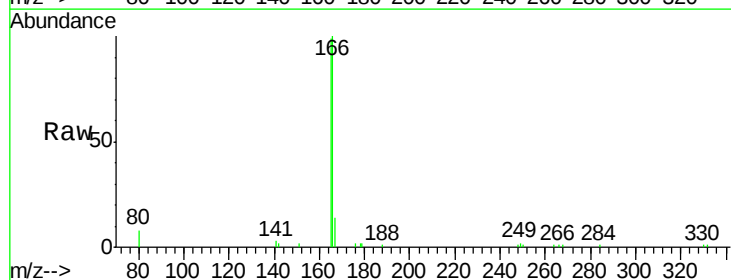
Instrument :
BNA_E
ClientSampleId :

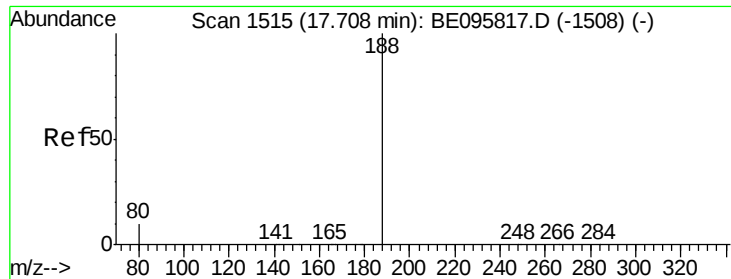
Tot Ion:154 Resp: 3438
Ion Ratio Lower Upper
154 100
153 114.9 89.2 133.8
152 56.3 42.0 63.0



#18
Fluorene
Concen: 0.392 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion:166 Resp: 4524
Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.6
167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

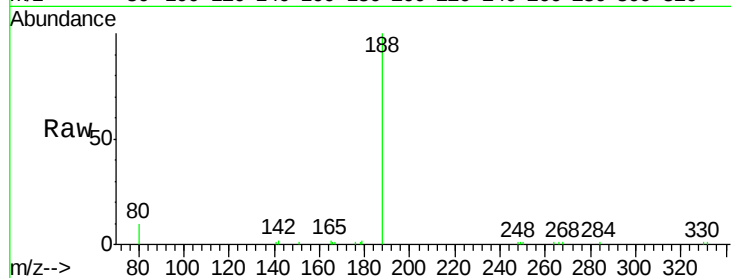
Tot Ion:188 Resp: 6393

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

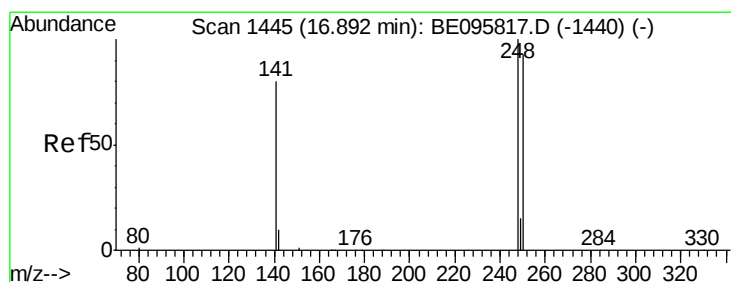
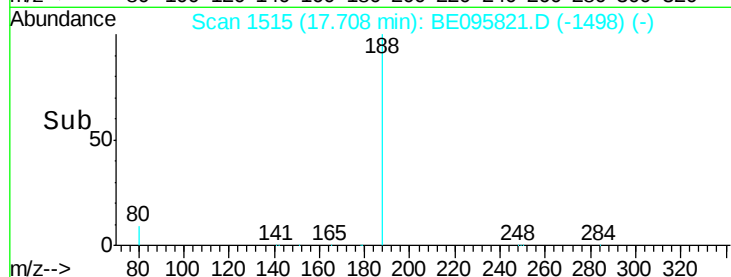
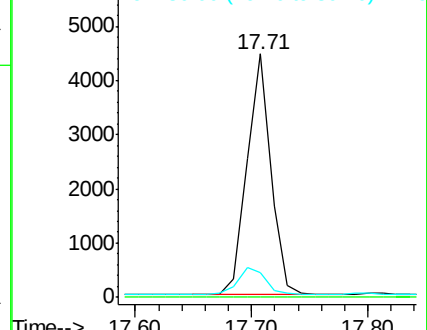
80 10.3 3.6 5.4#



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: 0.394 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

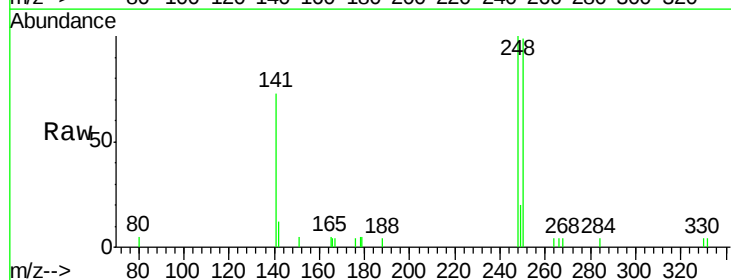
Tgt Ion:248 Resp: 1515

Ion Ratio Lower Upper

248 100

250 98.7 62.7 94.1#

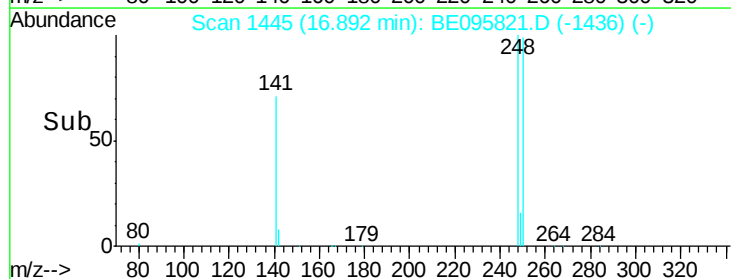
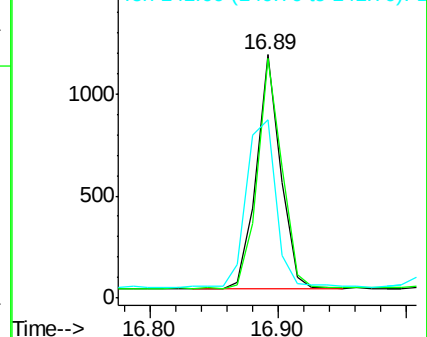
141 73.2 48.2 72.2#

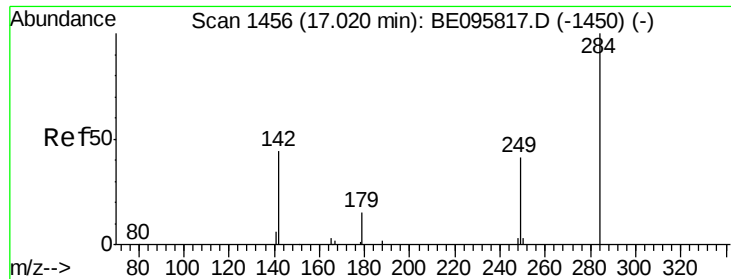


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

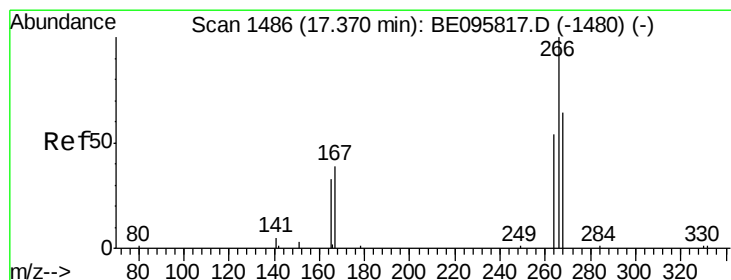
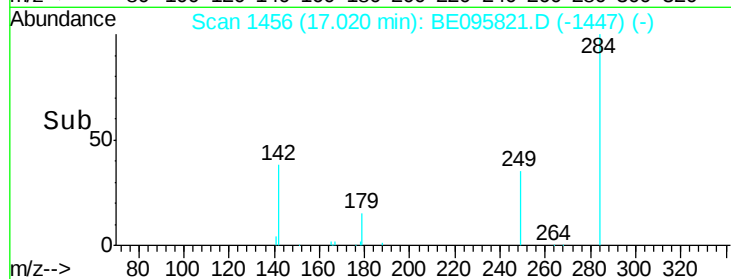
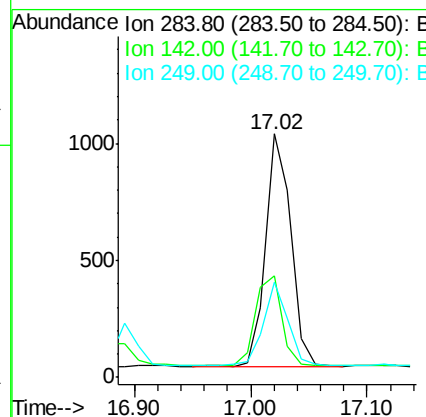
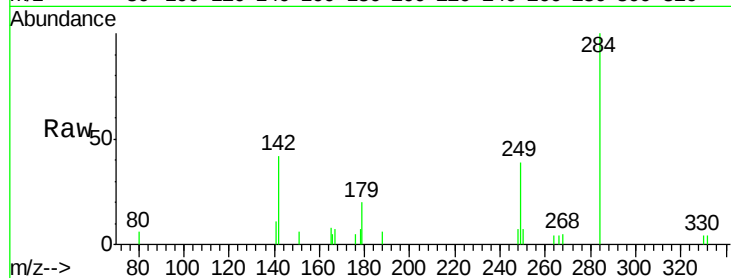




#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

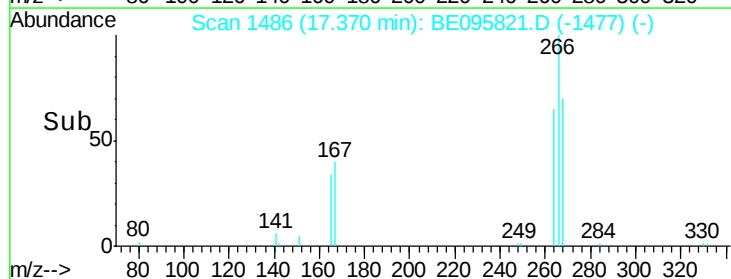
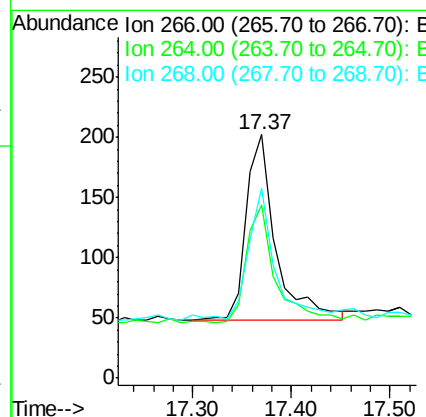
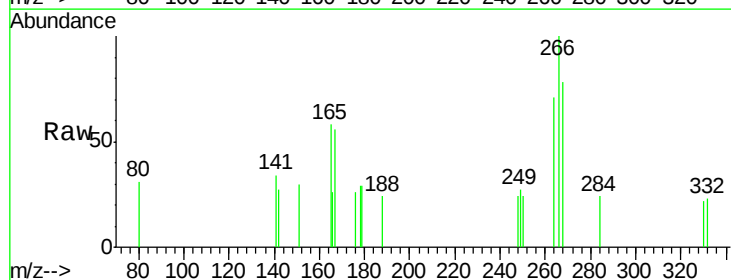
Instrument :
BNA_E
ClientSampleId :

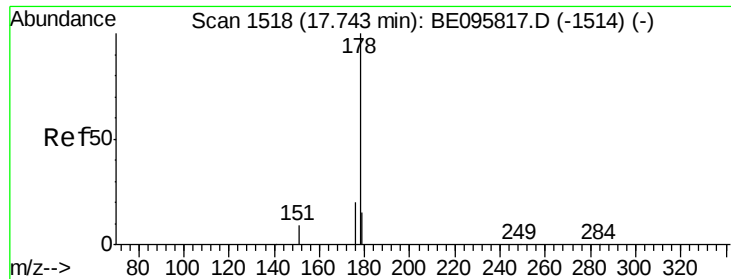
Tot Ion:284 Resp: 1504
Ion Ratio Lower Upper
284 100
142 40.6 22.1 33.1#
249 34.7 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.354 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion:266 Resp: 323
Ion Ratio Lower Upper
266 100
264 71.3 72.5 108.7#
268 78.2 73.8 110.6





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

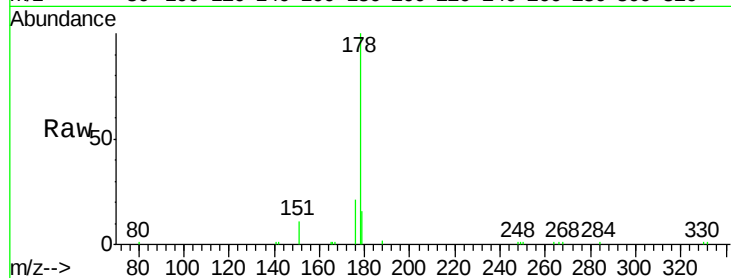
Tot Ion:178 Resp: 7651

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

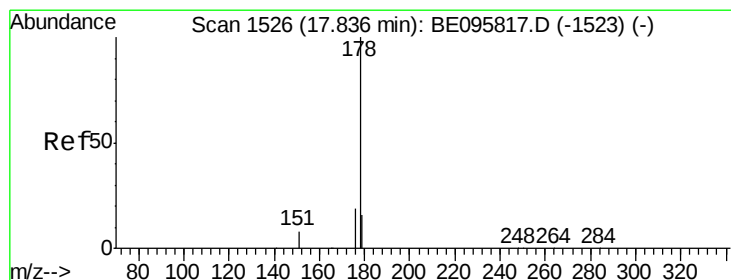
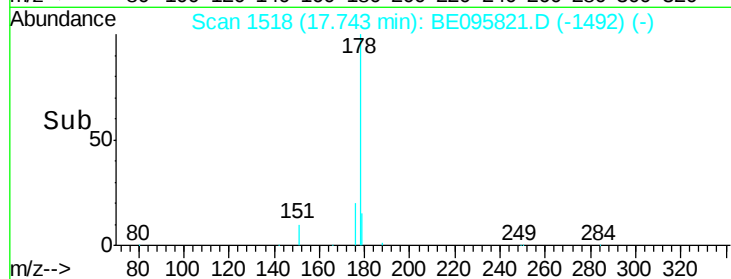
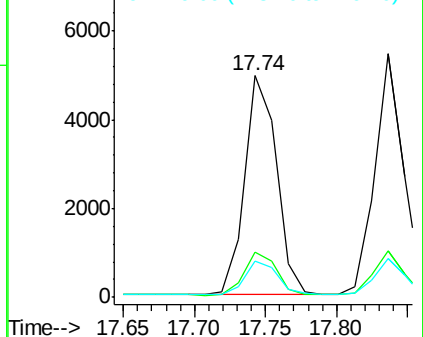
179 15.4 11.8 17.6



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: 0.394 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

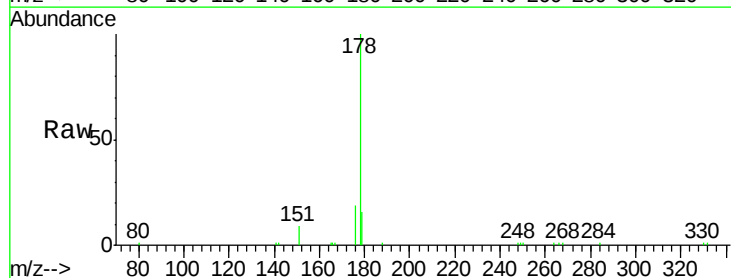
Tgt Ion:178 Resp: 7539

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

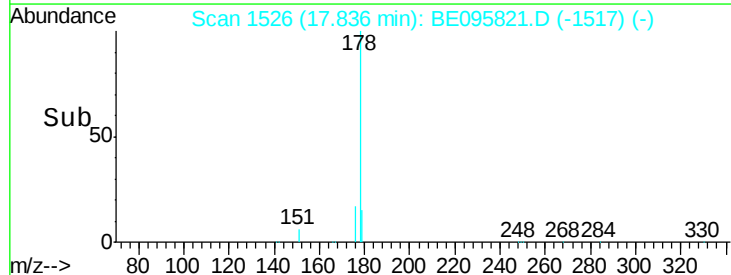
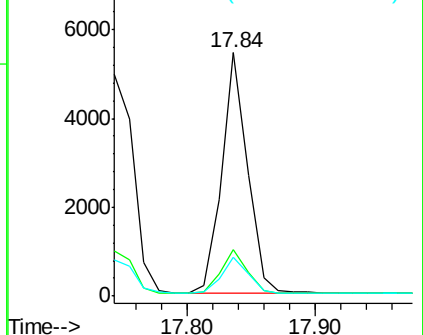
179 15.5 13.0 19.6

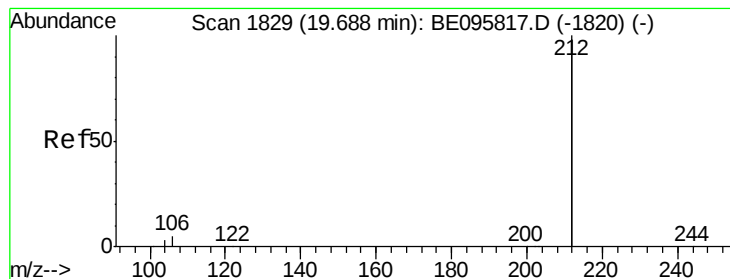


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.69 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

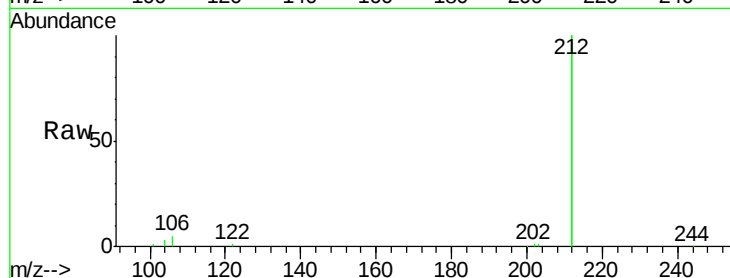
Tot Ion:212 Resp: 38080

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

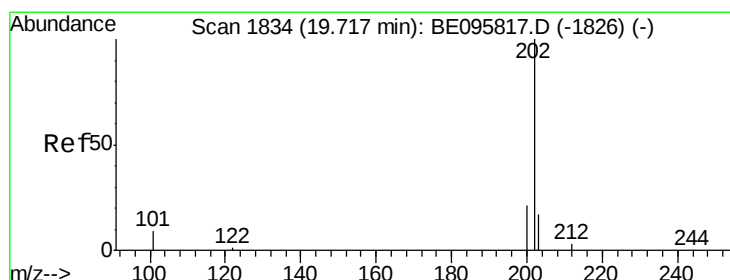
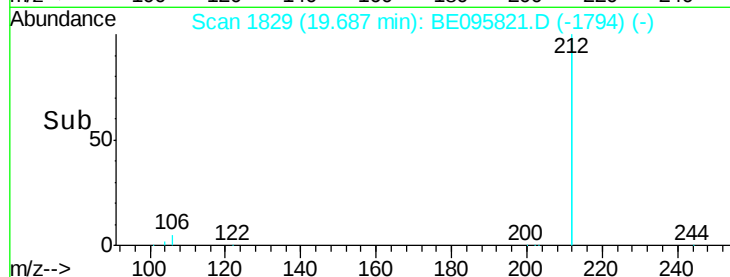
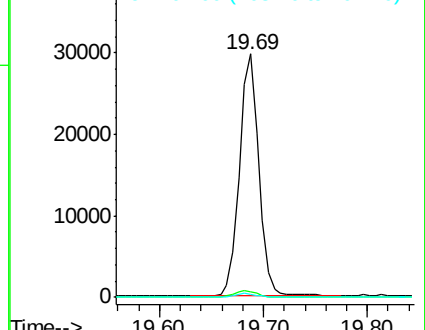
104 1.6 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.401 ng

RT: 19.72 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

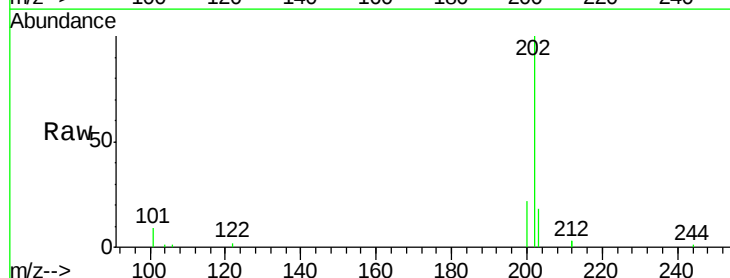
Tgt Ion:202 Resp: 10659

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

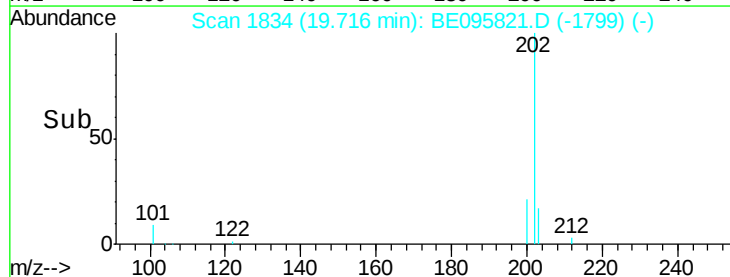
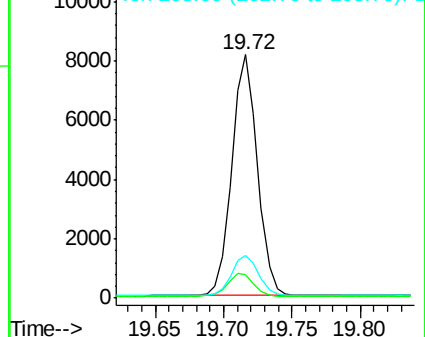
203 17.3 13.7 20.5

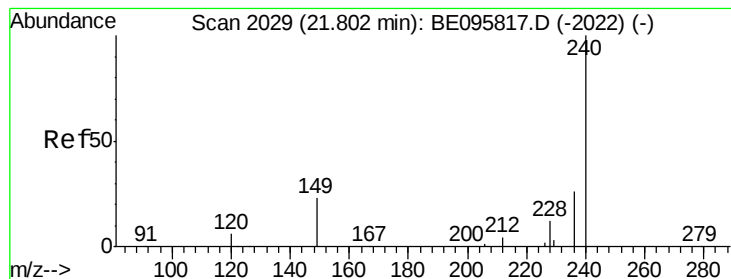


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

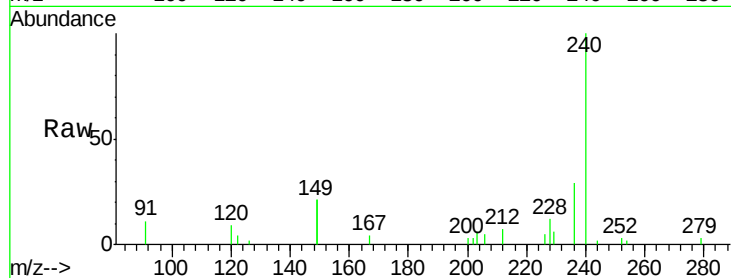
Tot Ion:240 Resp: 7631

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

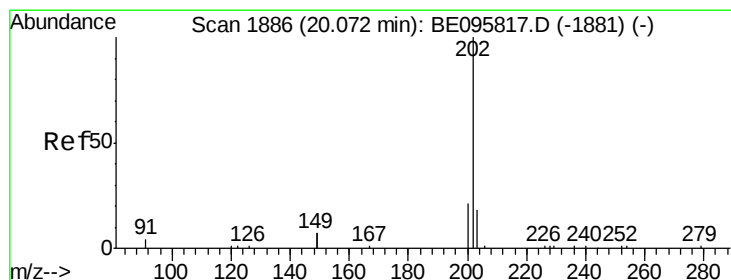
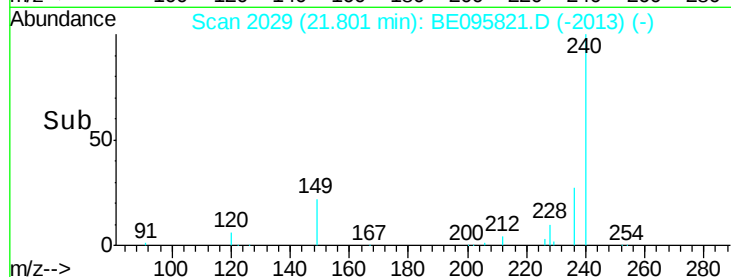
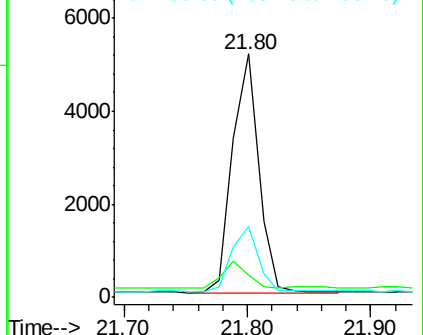
236 28.9 20.7 31.1



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: 0.442 ng

RT: 20.07 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

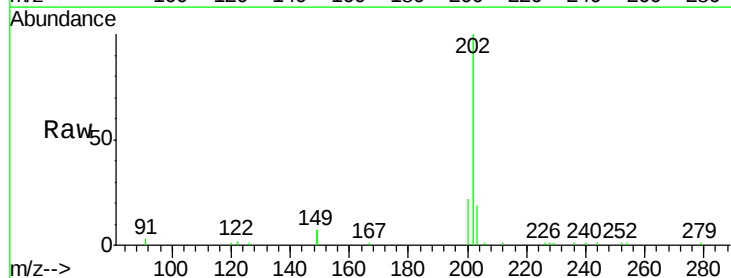
Tgt Ion:202 Resp: 13730

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

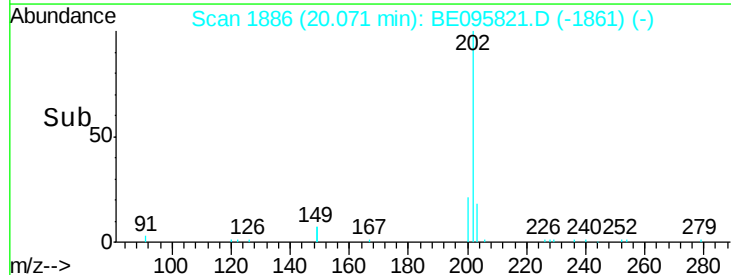
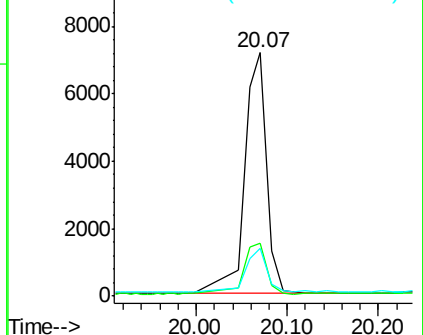
203 19.1 13.8 20.8

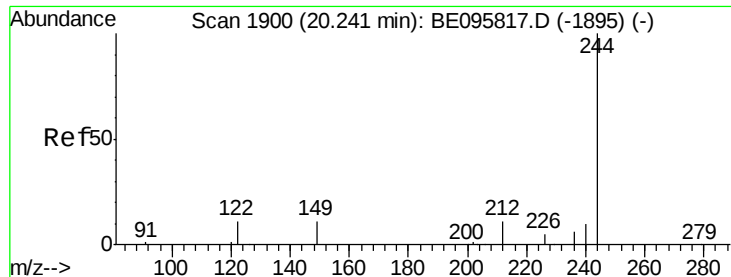


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

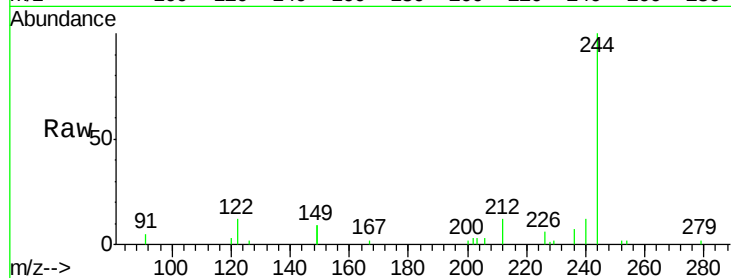
Tot Ion:244 Resp: 6462

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

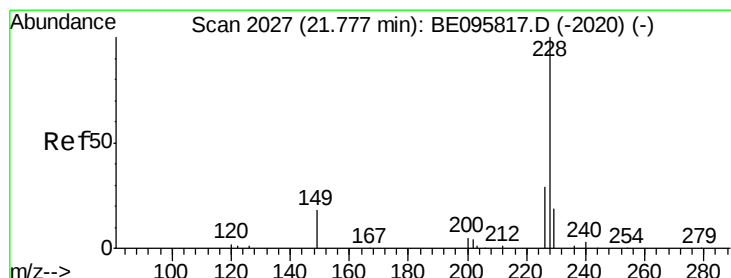
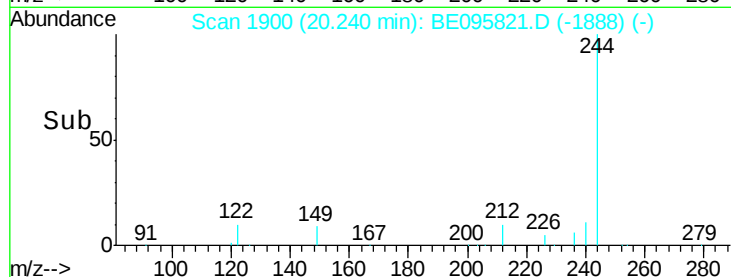
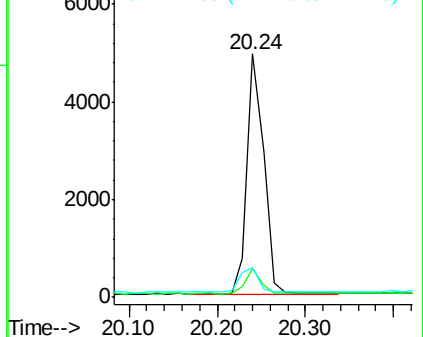
122 12.2 8.1 12.1#



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: 0.405 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

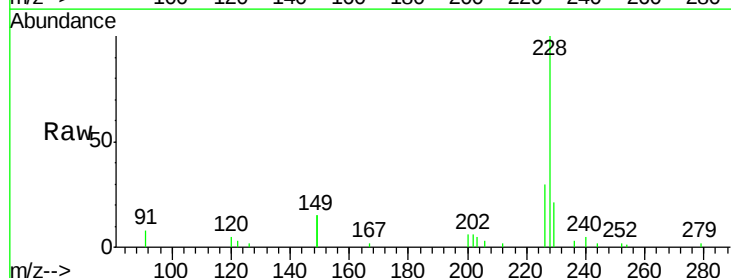
Tgt Ion:228 Resp: 10721

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

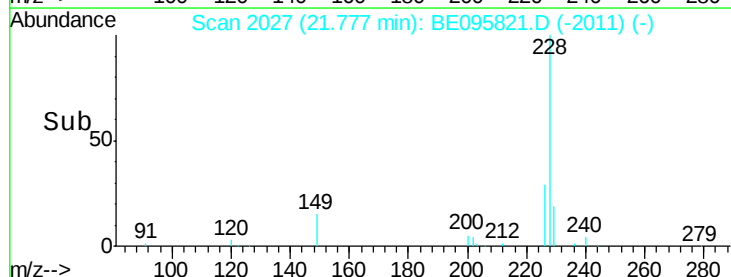
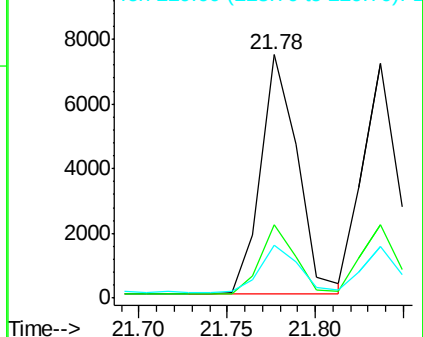
229 21.5 16.0 24.0

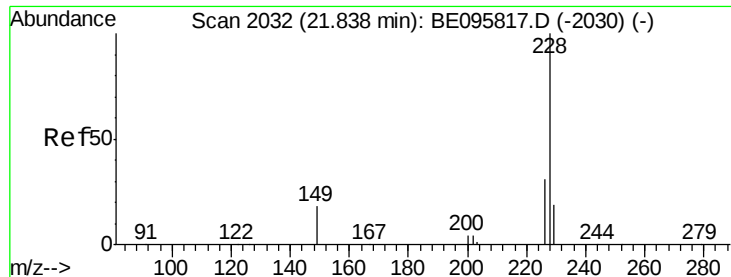


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

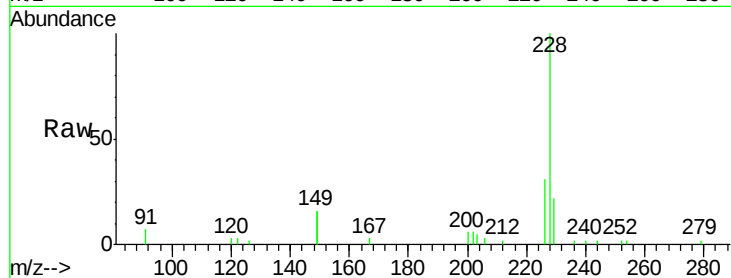
Tot Ion:228 Resp: 9750

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

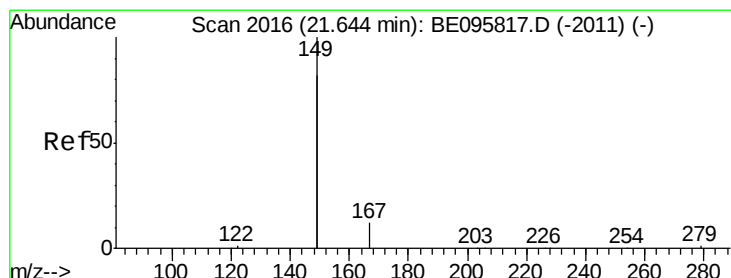
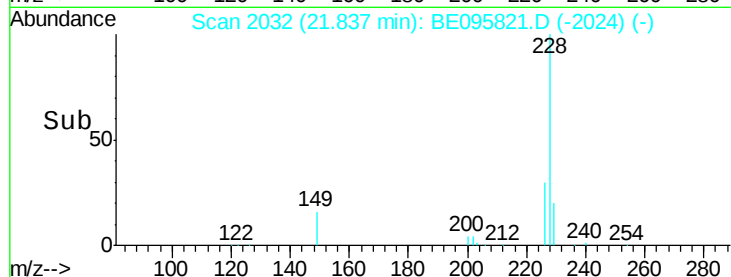
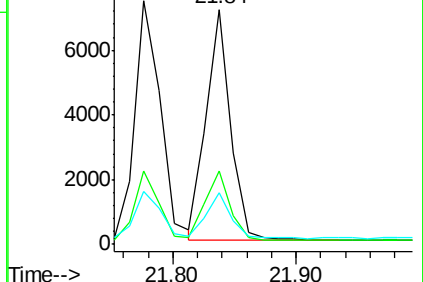
229 21.8 16.0 24.0



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: 0.359 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

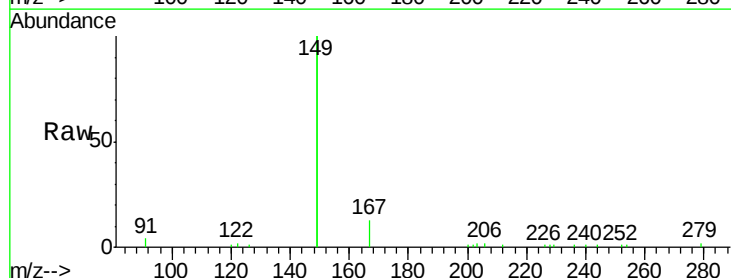
Tgt Ion:149 Resp: 29023

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

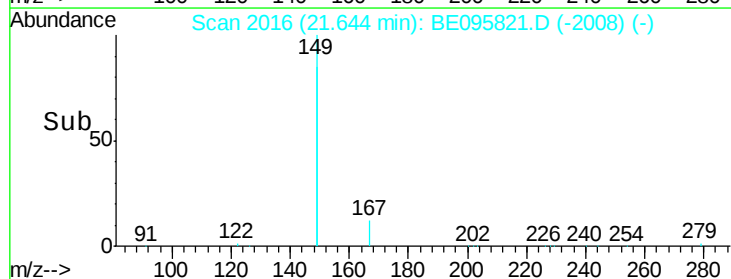
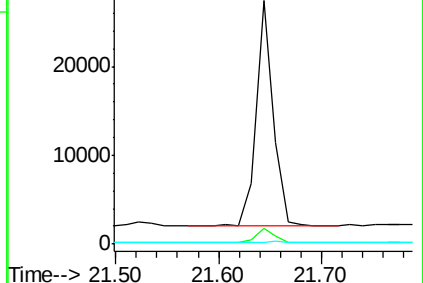
279 1.0 0.7 1.1

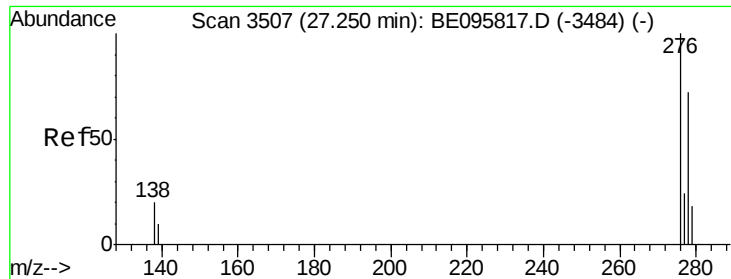


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.407 ng

RT: 27.24 min Scan# 3505

Delta R.T. -0.01 min

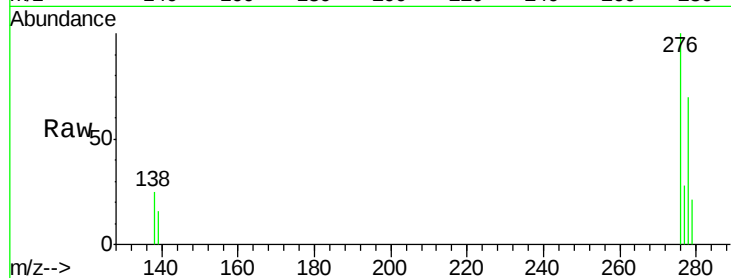
Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

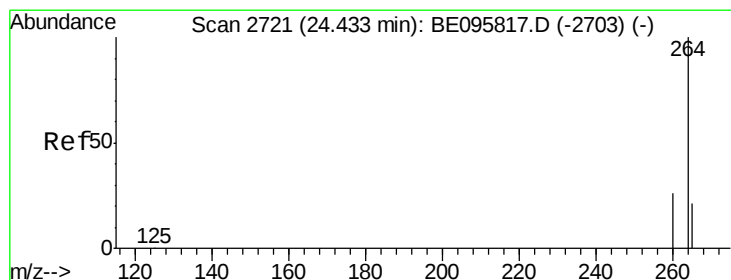
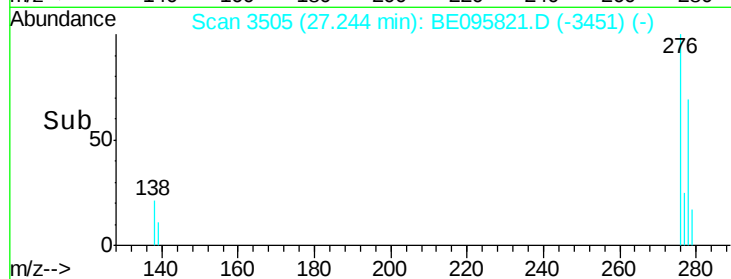
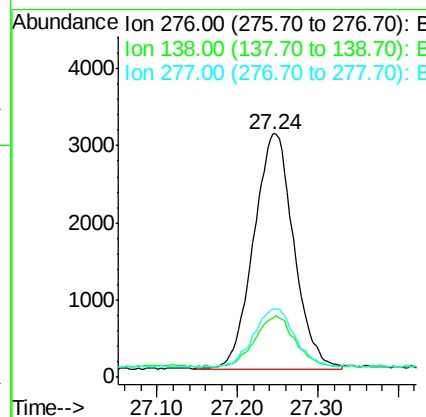
Instrument :

BNA_E

ClientSampleId :



Tot Ion:276	Resp:	10594
Ion Ratio	Lower	Upper
276	100	
138	22.1	22.5 33.7#
277	25.0	19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

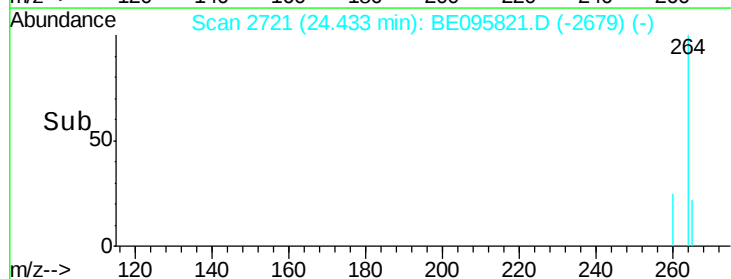
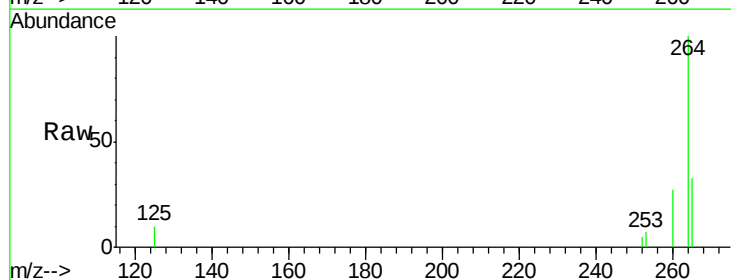
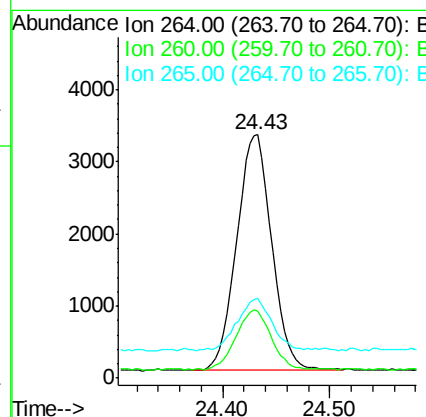
RT: 24.43 min Scan# 2721

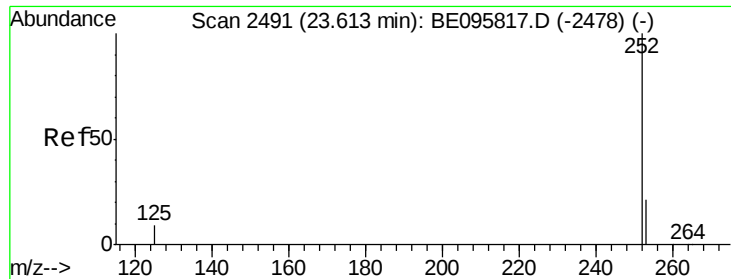
Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Tgt Ion:264	Resp:	7368
Ion Ratio	Lower	Upper
264	100	
260	27.4	20.5 30.7
265	32.8	22.8 34.2

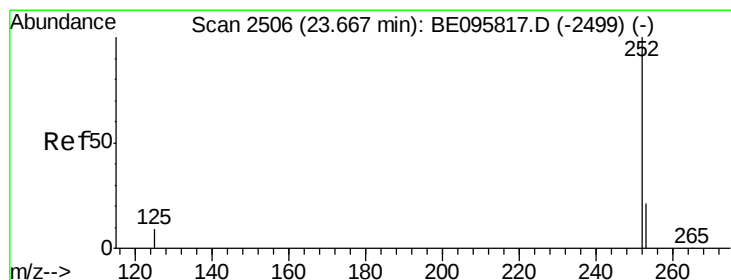
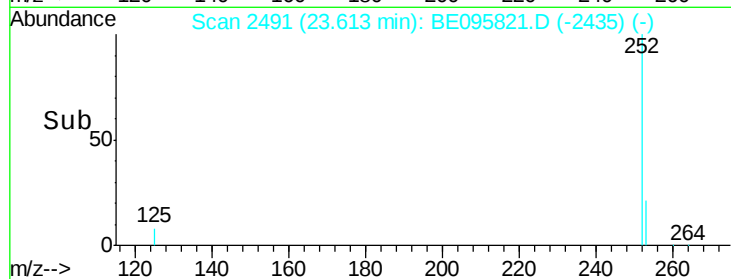
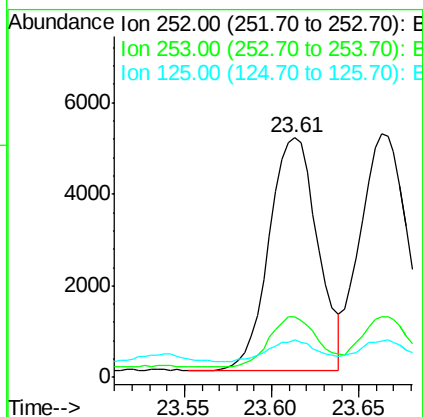
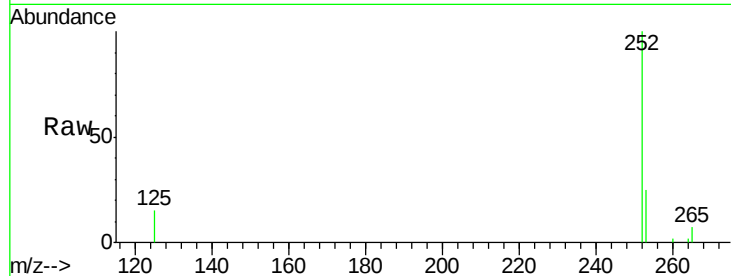




#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.61 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

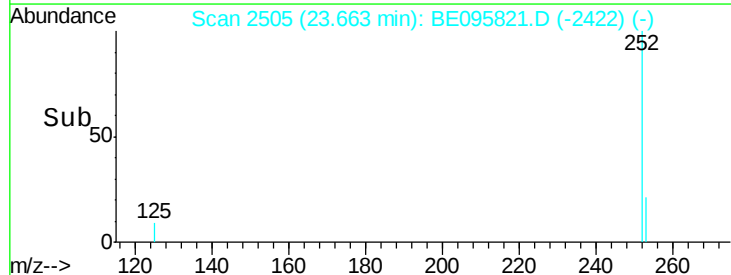
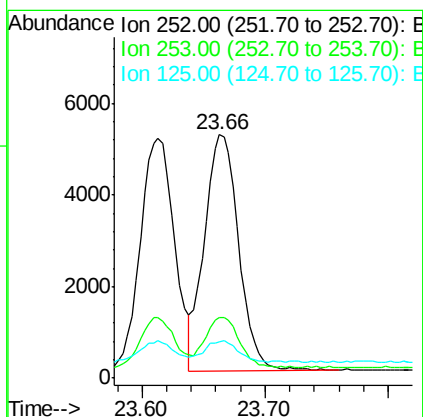
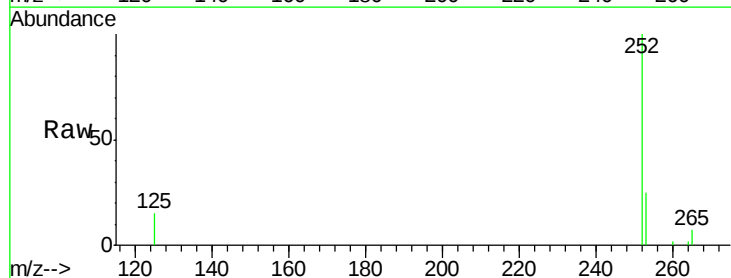
Instrument :
BNA_E
ClientSampleId :

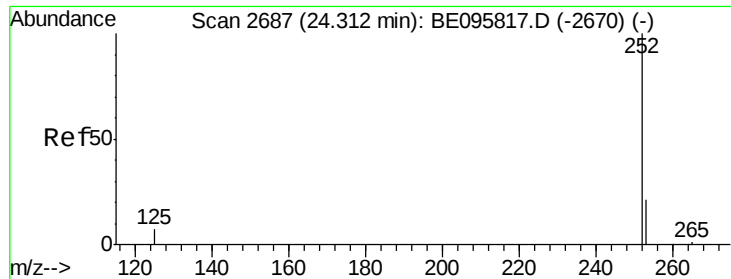
Tot Ion:252 Resp: 9858
Ion Ratio Lower Upper
252 100
253 25.2 20.0 30.0
125 15.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.66 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE095821.D
Acq: 23 Mar 2018 12:21

Tgt Ion:252 Resp: 9947
Ion Ratio Lower Upper
252 100
253 24.7 16.0 24.0#
125 15.1 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 24.31 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :

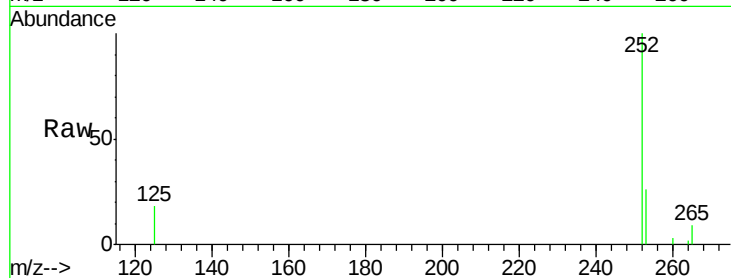
Tot Ion:252 Resp: 9189

Ion Ratio Lower Upper

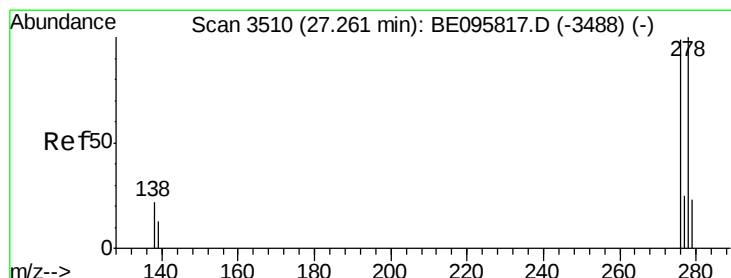
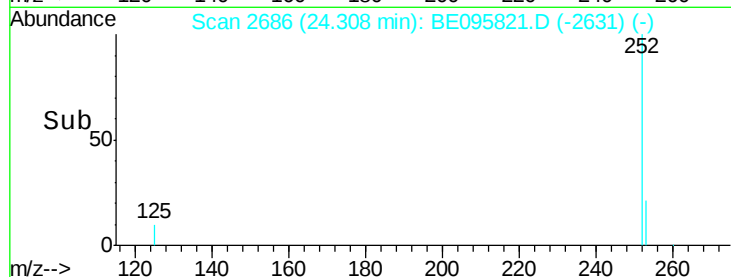
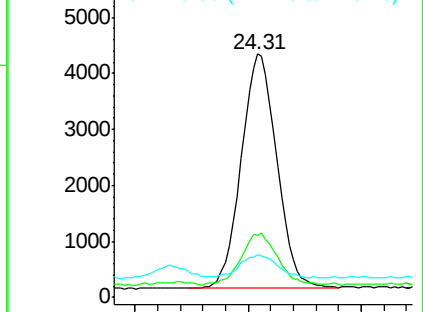
252 100

253 25.5 16.0 24.0#

125 17.7 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: 0.407 ng

RT: 27.25 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

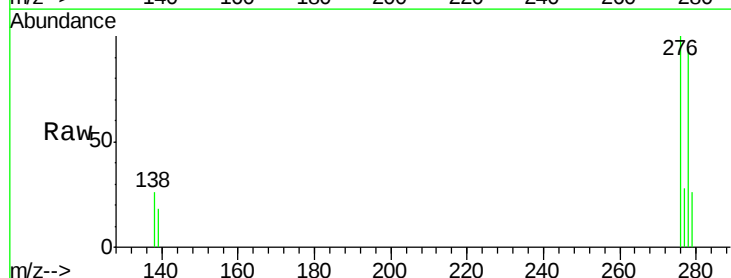
Tgt Ion:278 Resp: 8829

Ion Ratio Lower Upper

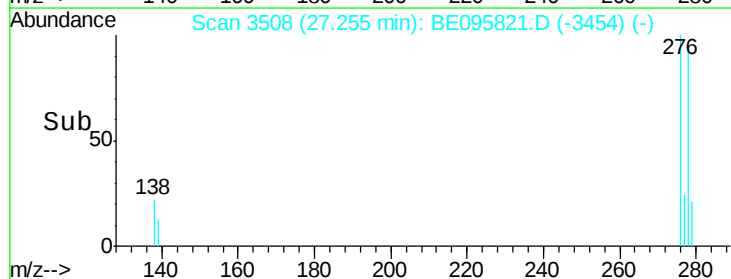
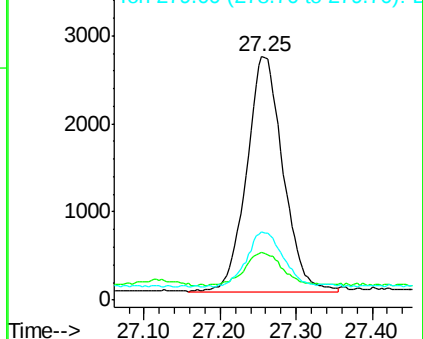
278 100

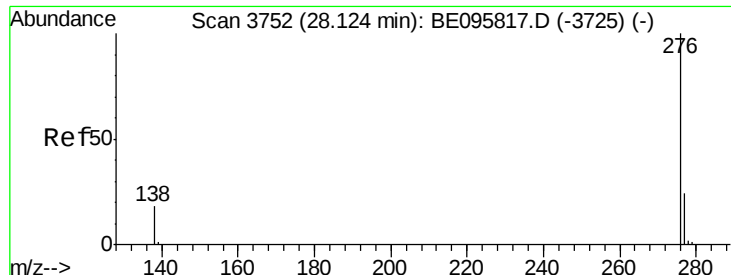
139 19.6 16.0 24.0

279 27.8 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: 0.393 ng

RT: 28.12 min Scan# 3750

Delta R.T. -0.01 min

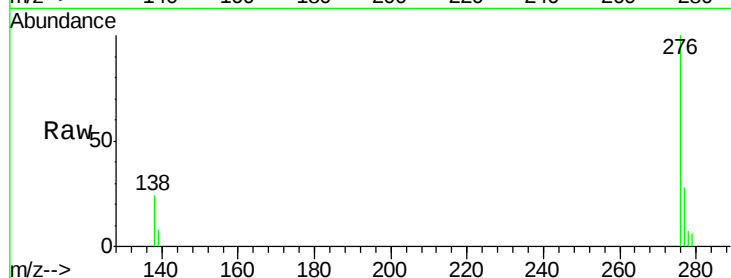
Lab File: BE095821.D

Acq: 23 Mar 2018 12:21

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8565

Ion Ratio Lower Upper

276 100

277 28.1 16.0 24.0#

138 23.7 20.0 30.0

