

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095991.D
 Acq On : 13 Apr 2018 11:32
 Operator : SJ/JU
 Sample : PB108210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:43:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1351	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4939	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2496	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	5558	0.40	ng	0.00
27) Chrysene-d12	21.77	240	6192	0.40	ng	-0.01
34) Perylene-d12	24.38	264	6182	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	1378	0.33	ng	0.00
5) Phenol-d6	7.53	99	1841	0.32	ng	0.00
8) Nitrobenzene-d5	9.57	82	1786	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	2219	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	271	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	3505	0.33	ng	0.00
25) Fluoranthene-d10	19.66	212	21412	0.28	ng	0.00
29) Terphenyl-d14	20.22	244	4055	0.30	ng	0.00

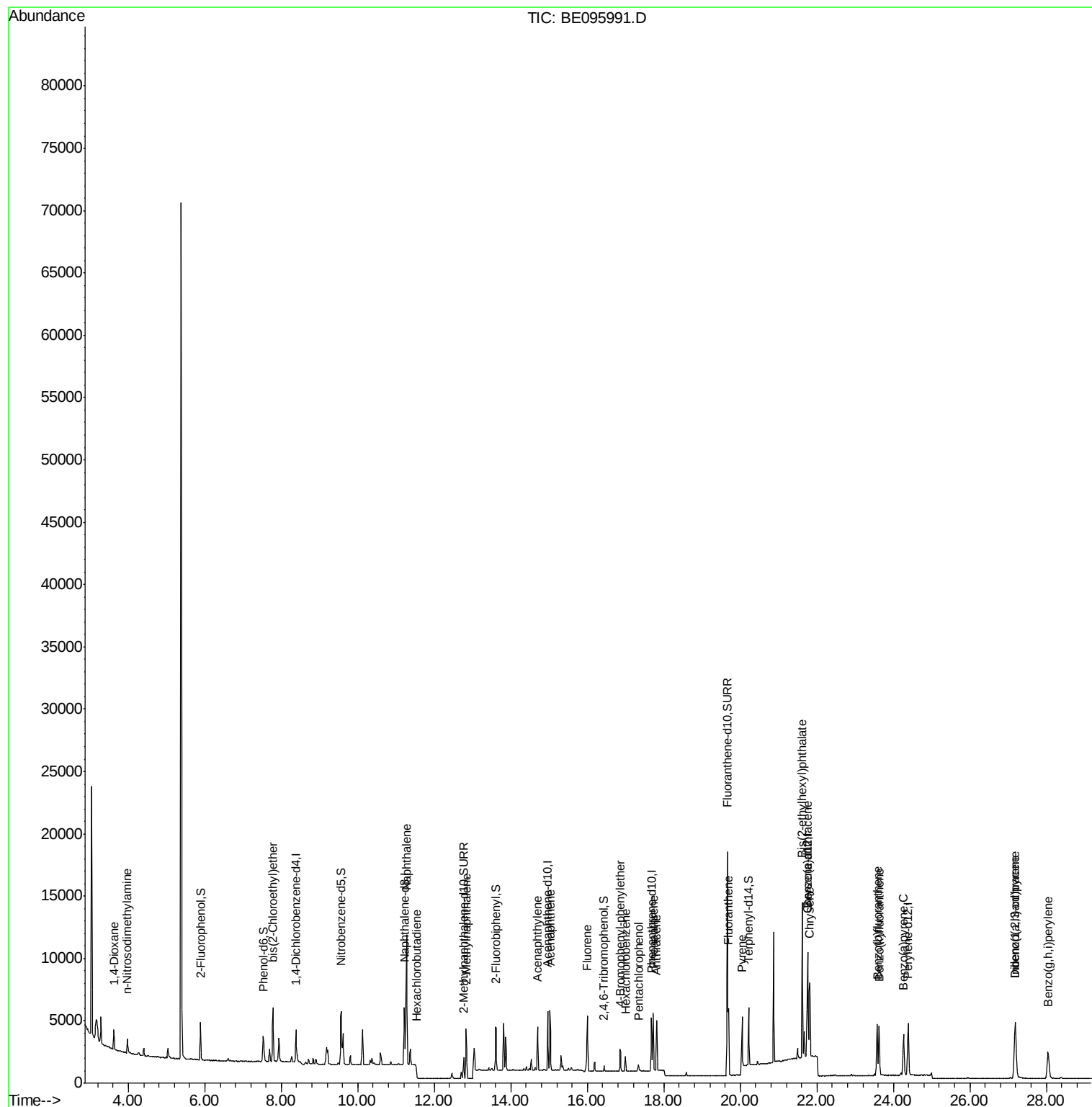
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	876	0.420	ng	# 71
3) n-Nitrosodimethylamine	3.97	42	823	0.322	ng	85
6) bis(2-Chloroethyl)ether	7.78	93	1481	0.292	ng	95
9) Naphthalene	11.27	128	16248	0.312	ng	99
10) Hexachlorobutadiene	11.53	225	508	0.220	ng	95
12) 2-Methylnaphthalene	12.83	142	2672	0.310	ng	94
16) Acenaphthylene	14.69	152	3836	0.288	ng	100
17) Acenaphthene	15.03	154	2300	0.287	ng	94
18) Fluorene	16.00	166	2922	0.295	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	950	0.288	ng	# 82
21) Hexachlorobenzene	17.00	284	938	0.285	ng	# 84
22) Pentachlorophenol	17.34	266	308	0.338	ng	# 82
23) Phenanthrene	17.72	178	4818	0.309	ng	99
24) Anthracene	17.80	178	4625	0.310	ng	# 94
26) Fluoranthene	19.69	202	6131	0.299	ng	98
28) Pyrene	20.05	202	2345	0.192	ng	# 89
30) Benzo(a)anthracene	21.75	228	6187	0.312	ng	97
31) Chrysene	21.81	228	5871	0.306	ng	99
32) Bis(2-ethylhexyl)phthalate	21.62	149	14394	0.281	ng	100
33) Indeno(1,2,3-cd)pyrene	27.18	276	6316	0.340	ng	95
35) Benzo(b)fluoranthene	23.57	252	5914	0.319	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	5896	0.309	ng	# 91
37) Benzo(a)pyrene	24.27	252	5615	0.315	ng	# 94
38) Dibenzo(a,h)anthracene	27.19	278	5026	0.320	ng	97
39) Benzo(g,h,i)perylene	28.05	276	5374	0.323	ng	# 92

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

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ALS Vial : 5 Sample Multiplier: 1

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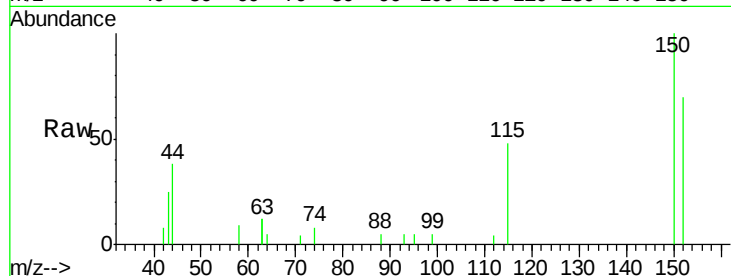


#1

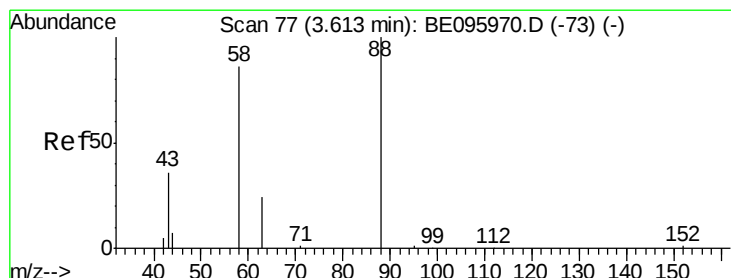
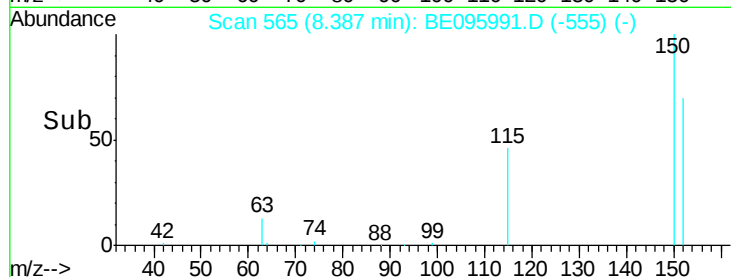
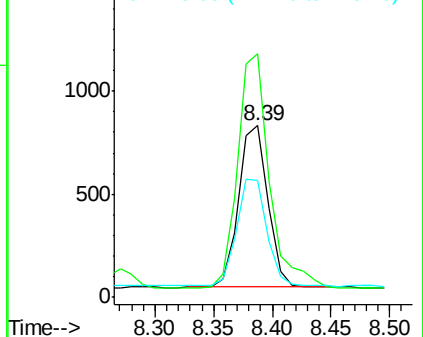
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095991.D
Acq: 13 Apr 2018 11:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1351
Ion Ratio Lower Upper
152 100
150 142.0 117.2 175.8
115 68.1 57.0 85.6



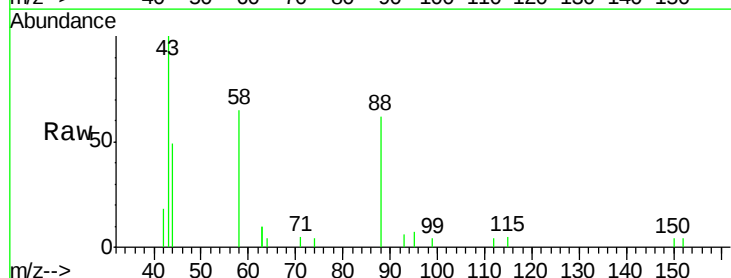
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



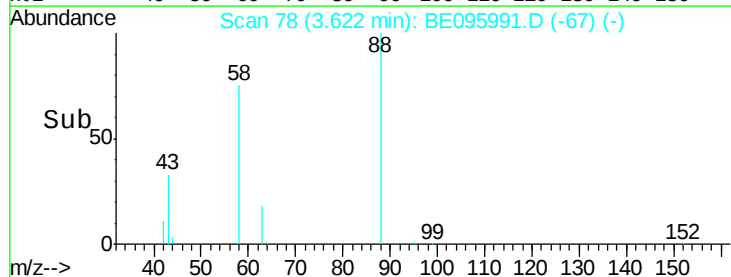
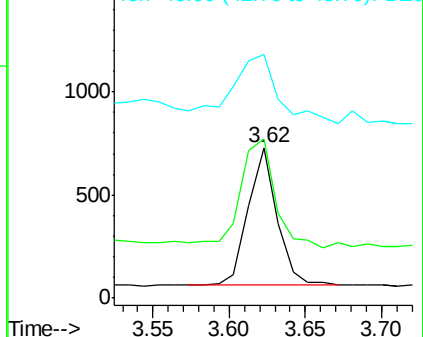
#2

1,4-Dioxane
Concen: 0.420 ng
RT: 3.62 min Scan# 78
Delta R.T. 0.01 min
Lab File: BE095991.D
Acq: 13 Apr 2018 11:32

Tgt Ion: 88 Resp: 876
Ion Ratio Lower Upper
88 100
58 94.9 63.2 94.8#
43 82.6 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



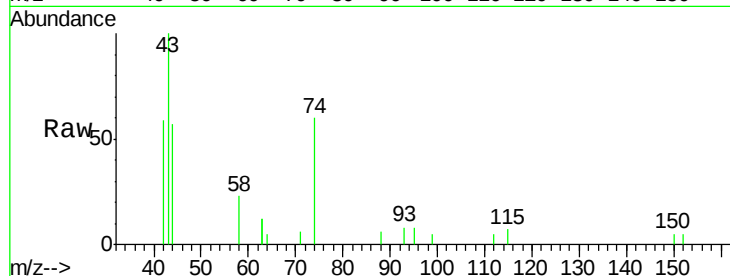


#3

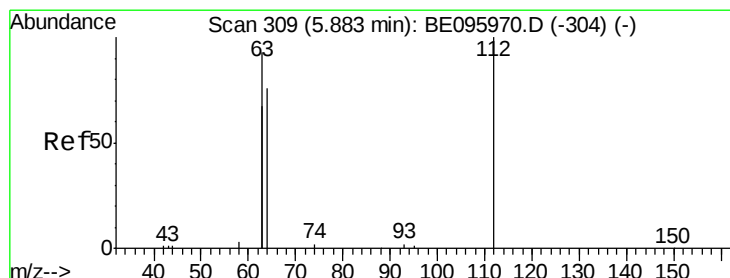
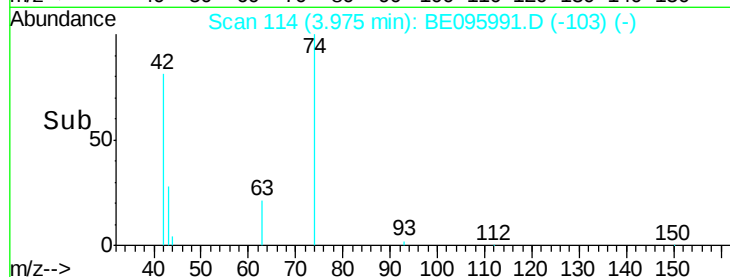
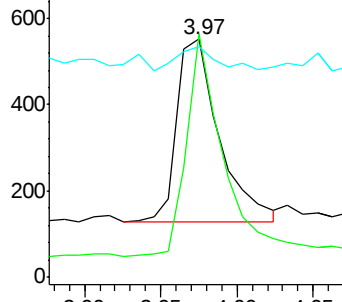
n-Nitrosodimethylamine
 Concen: 0.322 ng
 RT: 3.97 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 823
 Ion Ratio Lower Upper
 42 100
 74 102.6 96.0 144.0
 44 12.4 12.0 18.0



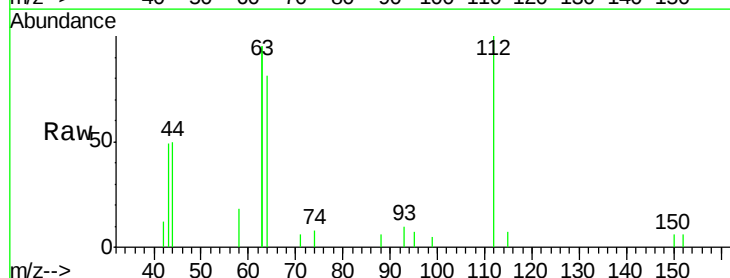
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



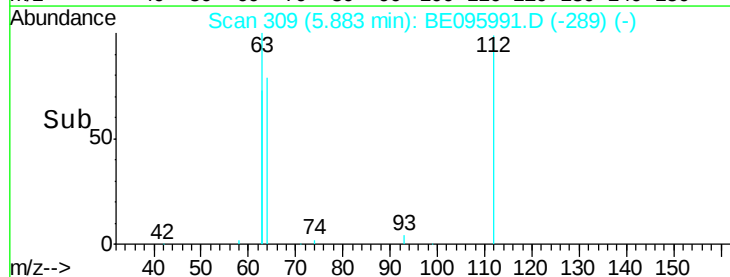
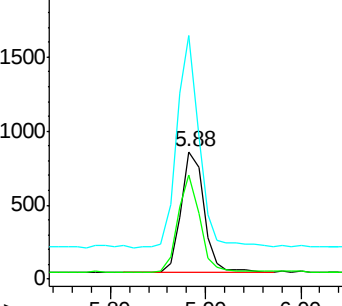
#4

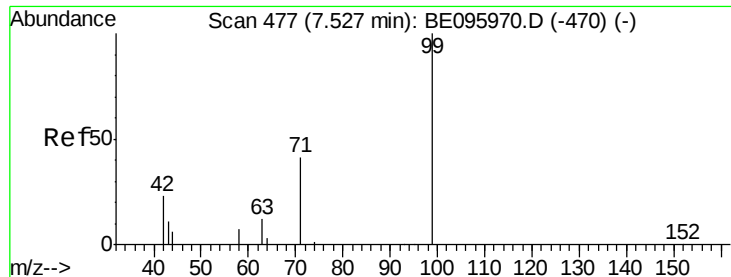
2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.88 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

Tgt Ion: 112 Resp: 1378
 Ion Ratio Lower Upper
 112 100
 64 76.0 60.1 90.1
 63 170.7 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.319 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampled :

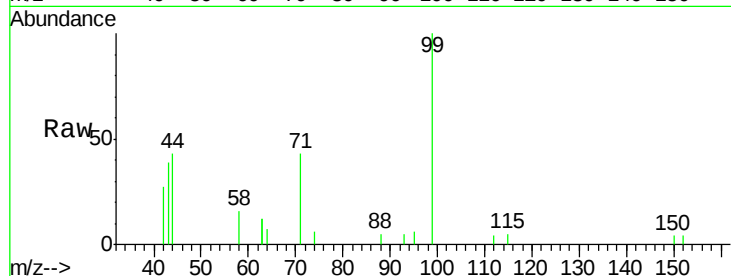
Tot Ion: 99 Resp: 1841

Ion Ratio Lower Upper

99 100

42 26.5 20.2 30.2

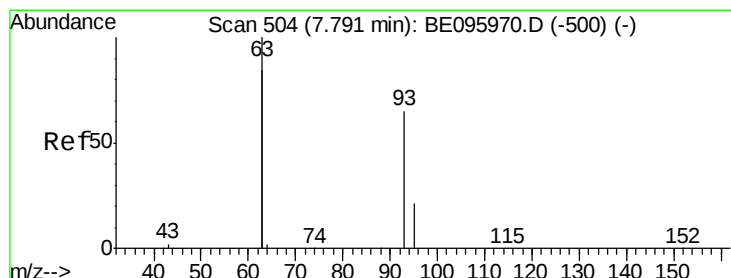
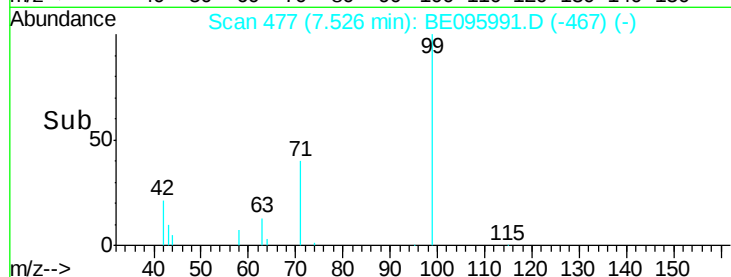
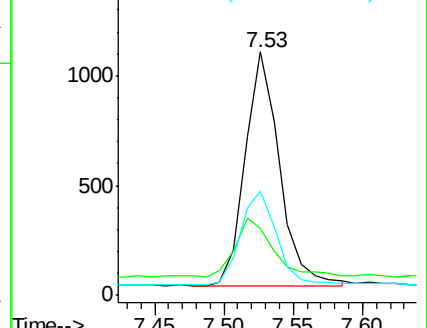
71 42.5 28.4 42.6



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: 0.292 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

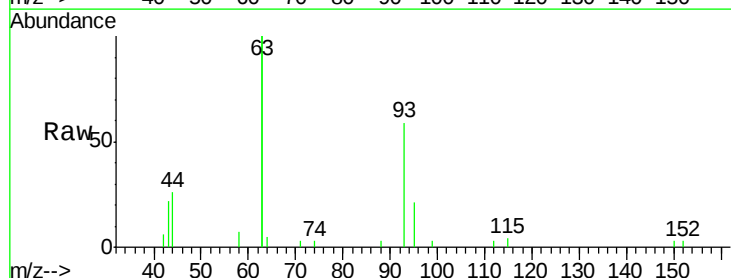
Tgt Ion: 93 Resp: 1481

Ion Ratio Lower Upper

93 100

63 332.3 275.3 412.9

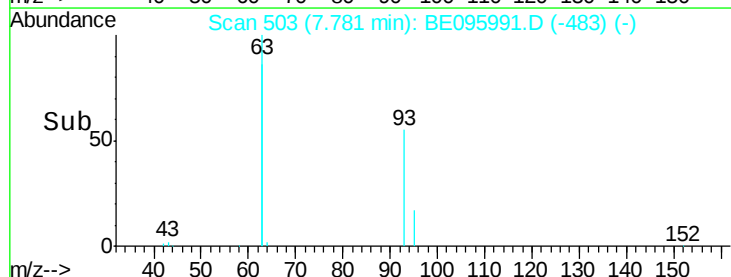
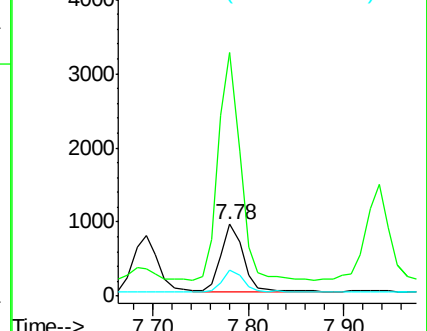
95 31.8 25.2 37.8



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: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4939

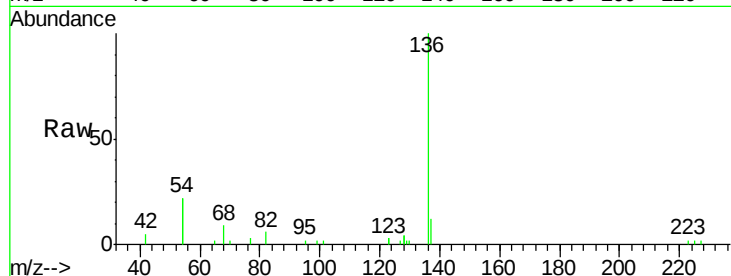
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 43.0 29.1 43.7

68 8.8 6.2 9.2

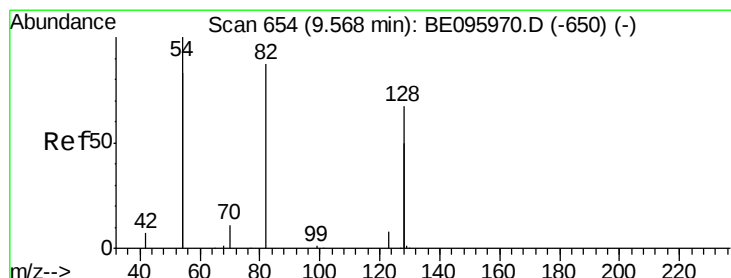
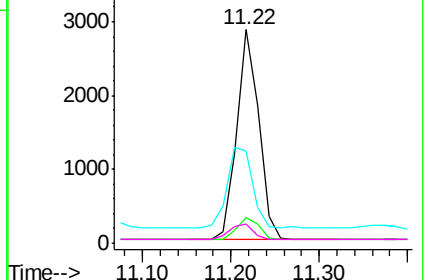
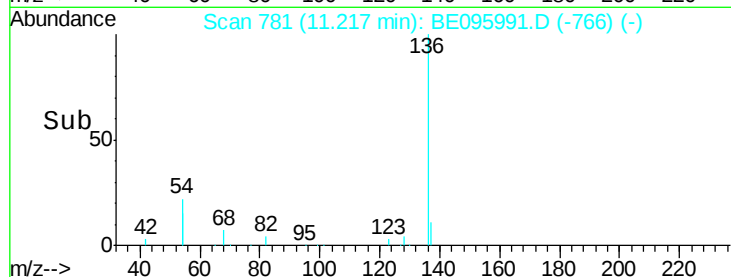


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

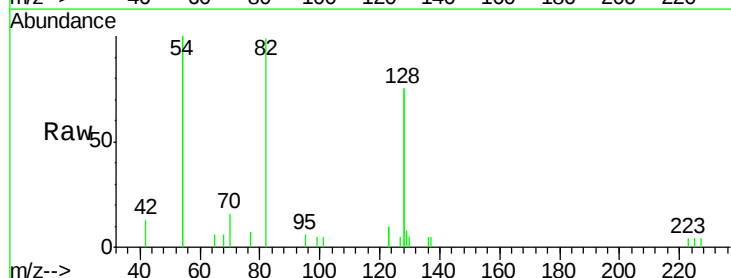
Tgt Ion: 82 Resp: 1786

Ion Ratio Lower Upper

82 100

128 152.2 150.0 225.0

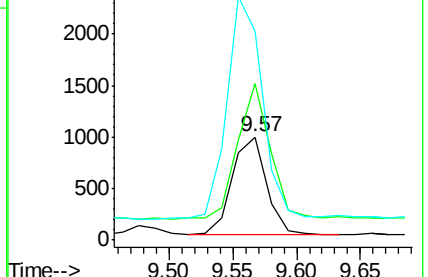
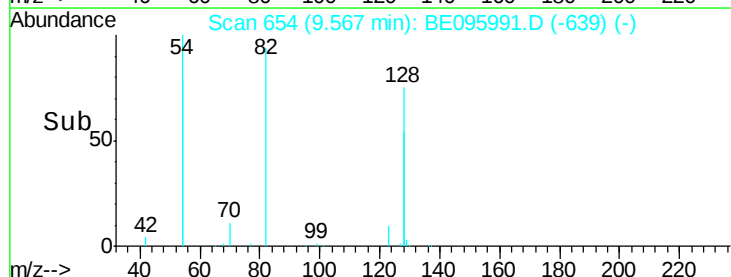
54 202.4 154.2 231.4



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: 0.312 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

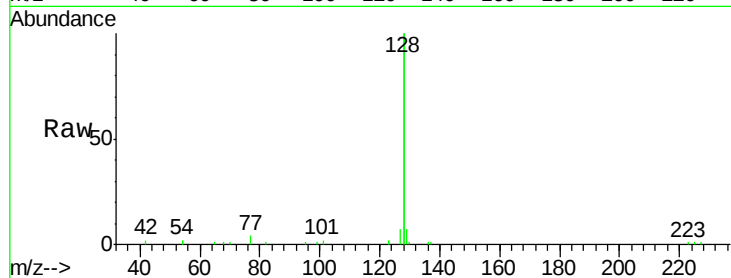
Tot Ion:128 Resp: 16248

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

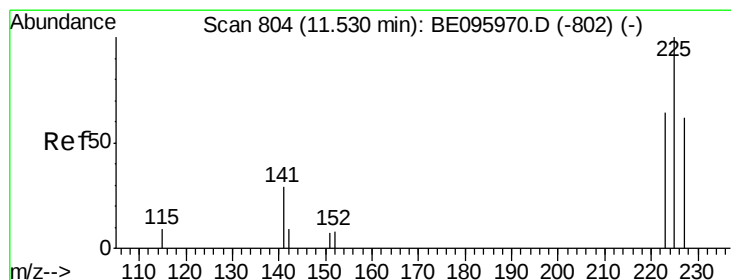
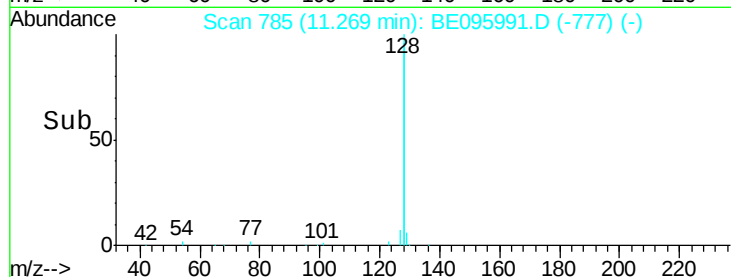
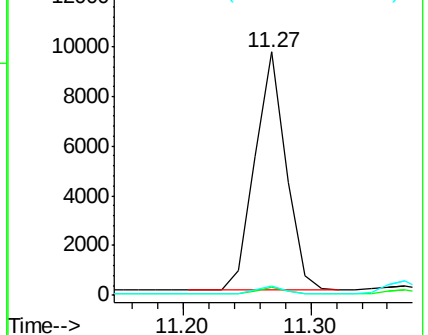
127 3.7 2.8 4.2



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: 0.220 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

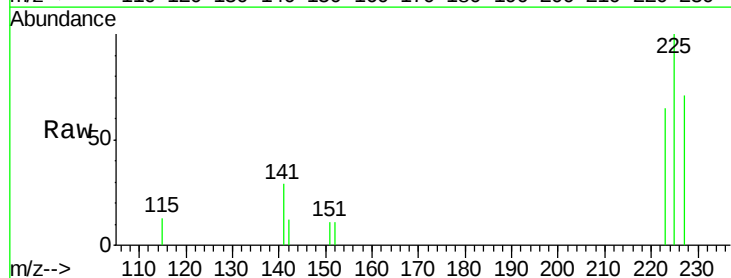
Tgt Ion:225 Resp: 508

Ion Ratio Lower Upper

225 100

223 59.3 53.0 79.6

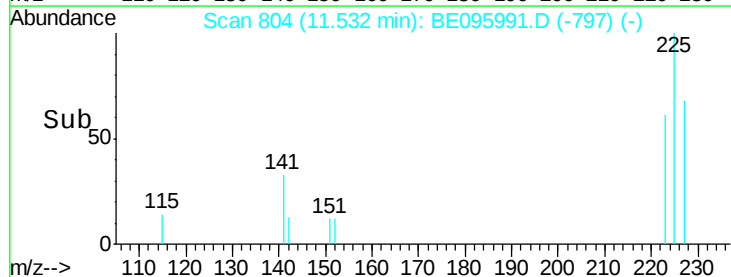
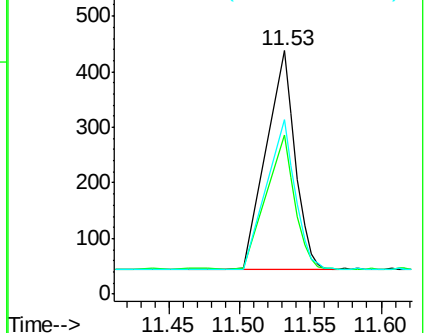
227 63.8 51.4 77.2

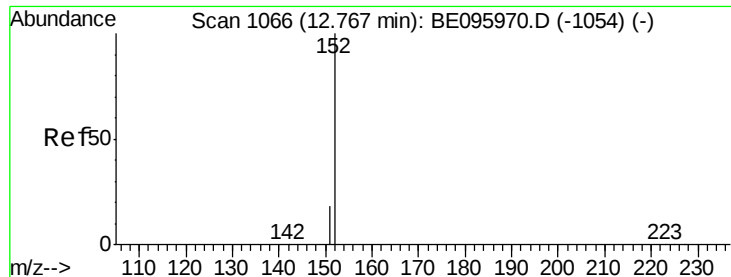


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

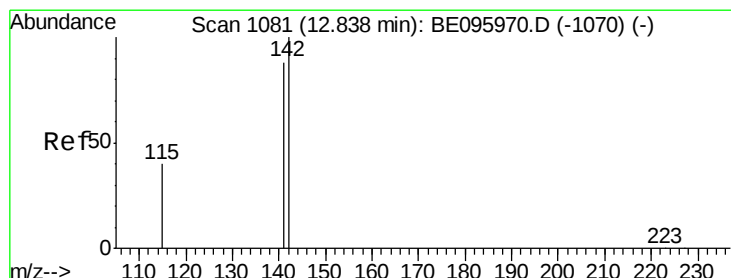
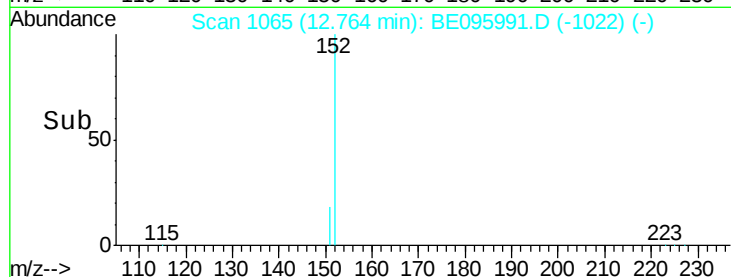
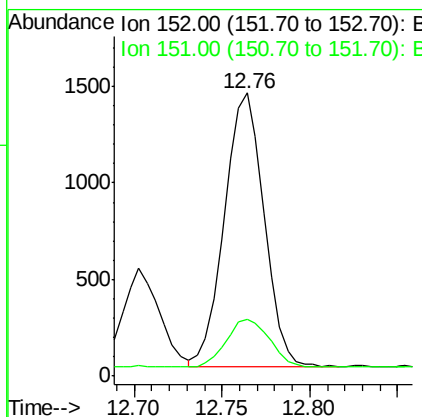
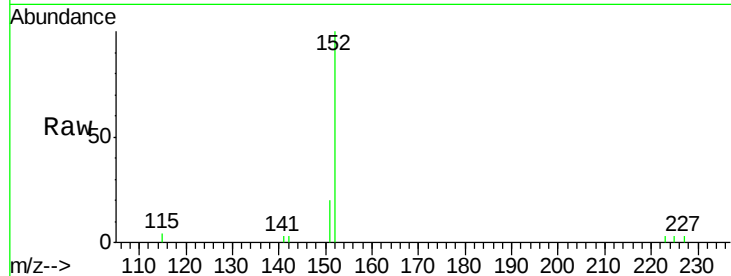




#11
 2-Methylnaphthalene-d10
 Concen: 0.283 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

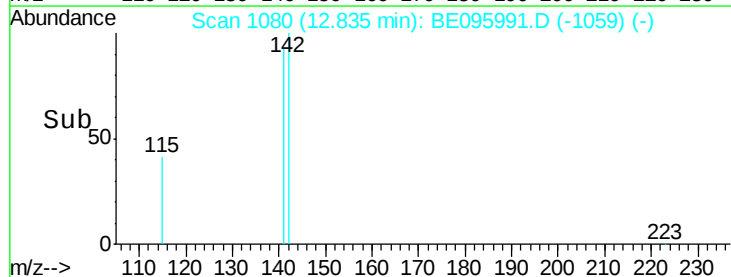
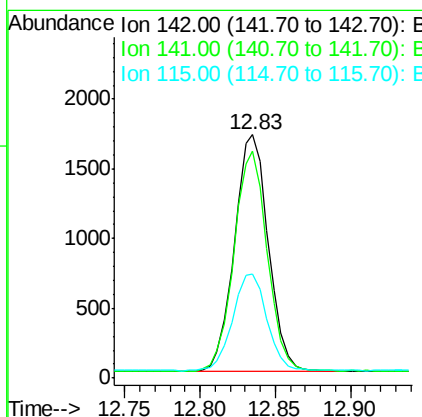
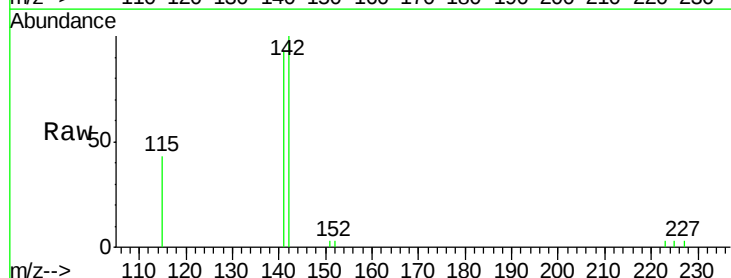
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2219
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.310 ng
 RT: 12.83 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

Tgt Ion:142 Resp: 2672
 Ion Ratio Lower Upper
 142 100
 141 93.3 70.4 105.6
 115 42.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampled :

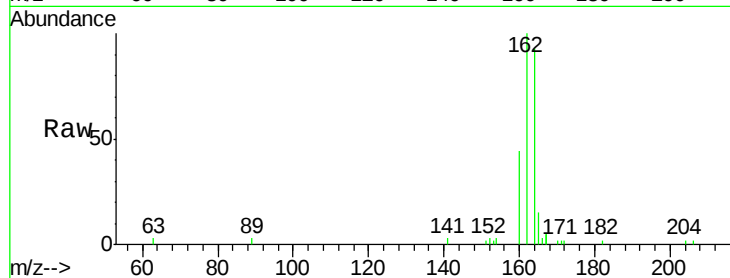
Tot Ion:164 Resp: 2496

Ion Ratio Lower Upper

164 100

162 107.1 83.1 124.7

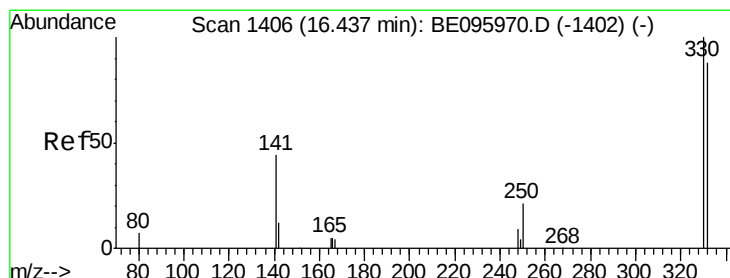
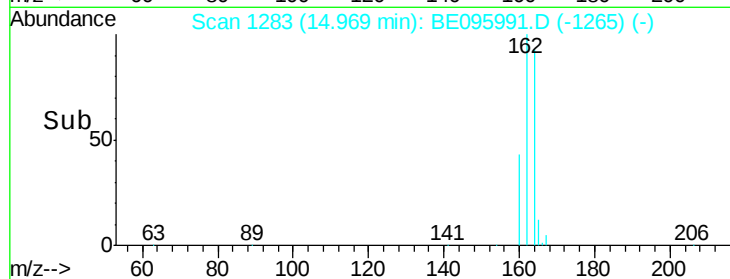
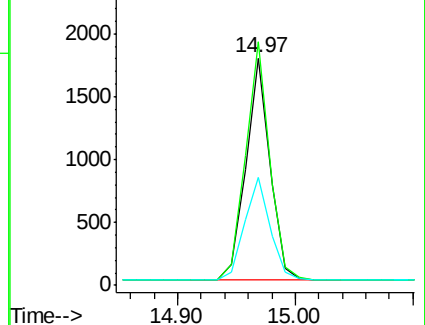
160 47.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.225 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

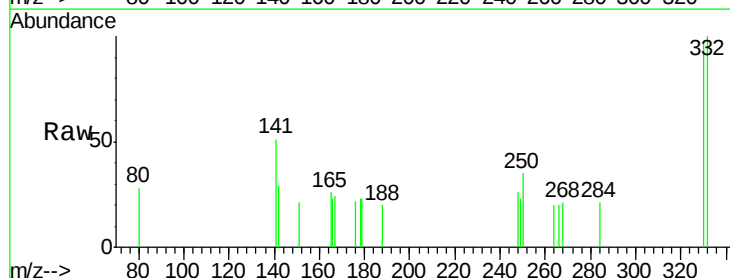
Tgt Ion:330 Resp: 271

Ion Ratio Lower Upper

330 100

332 105.2 152.7 229.1#

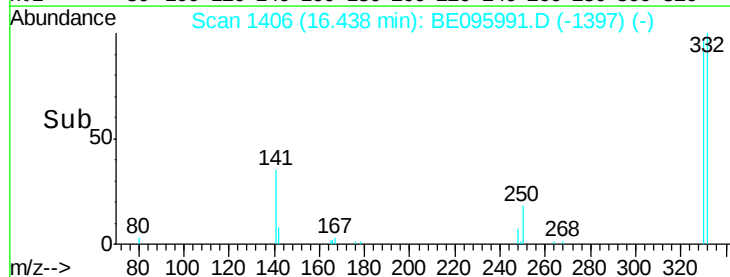
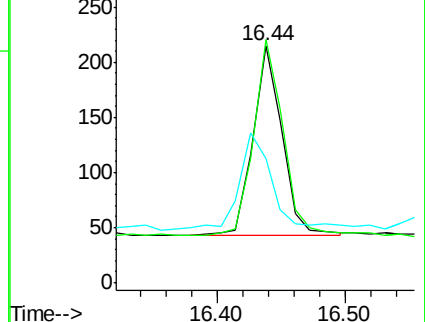
141 55.0 33.7 50.5#

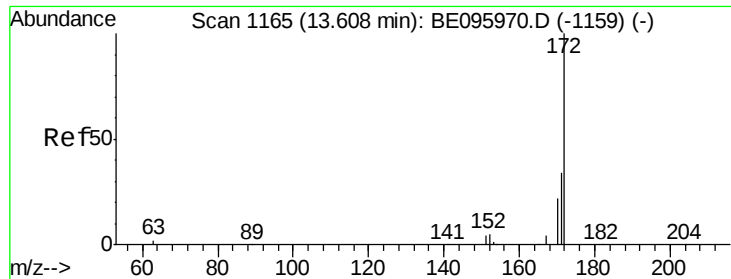


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

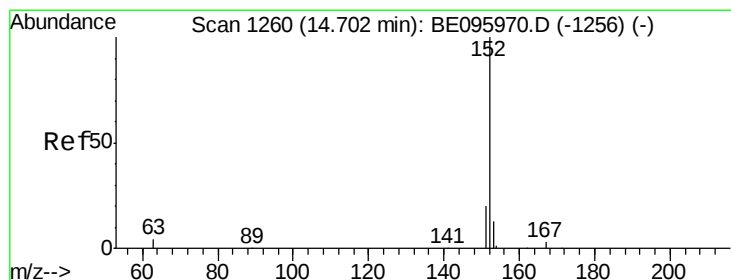
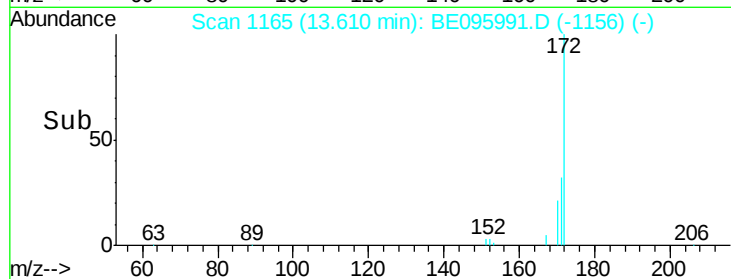
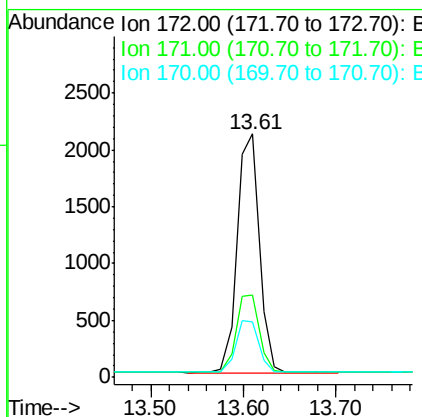
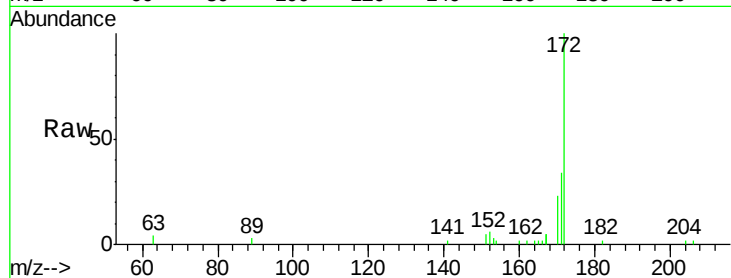




#15
 2-Fluorobiphenyl
 Concen: 0.328 ng
 RT: 13.61 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

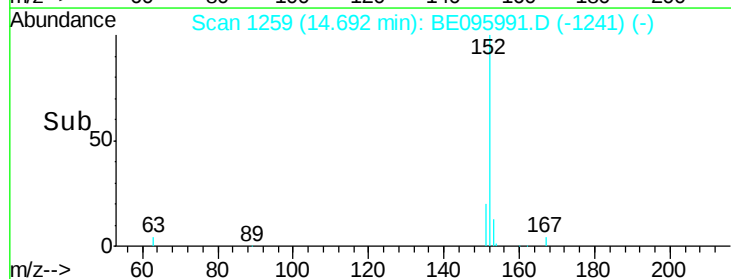
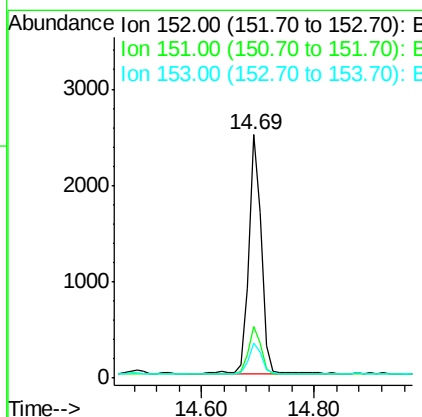
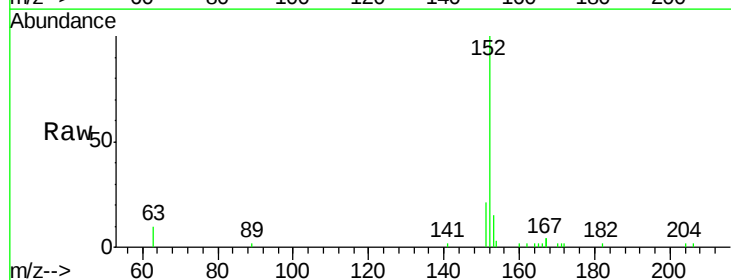
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 3505
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.9 44.9
 170 22.9 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.288 ng
 RT: 14.69 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

Tgt Ion:152 Resp: 3836
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.287 ng

RT: 15.03 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

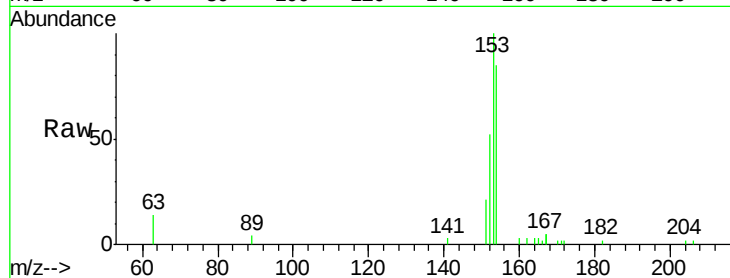
Tot Ion:154 Resp: 2300

Ion Ratio Lower Upper

154 100

153 117.1 89.2 133.8

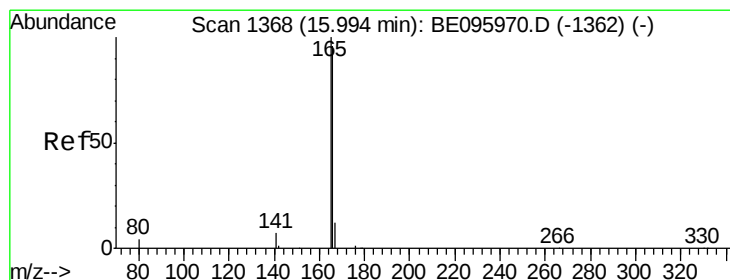
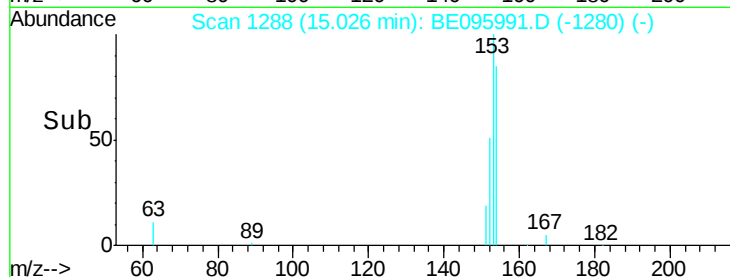
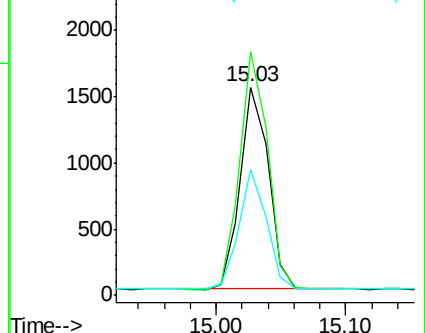
152 57.8 42.0 63.0



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: 0.295 ng

RT: 16.00 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

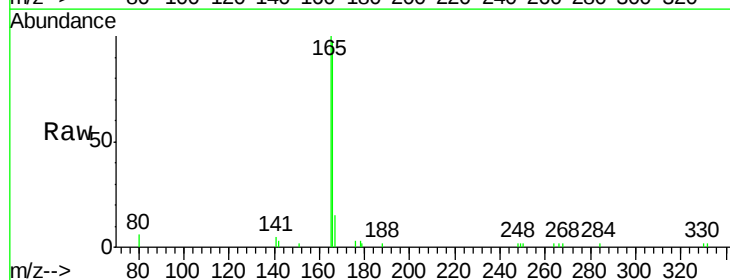
Tgt Ion:166 Resp: 2922

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

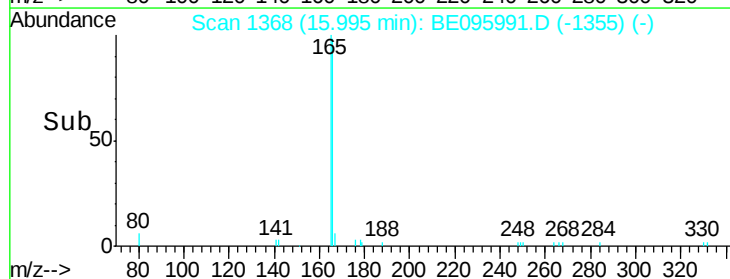
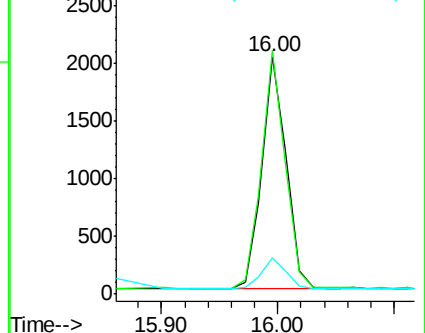
167 13.8 42.4 63.6#



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. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

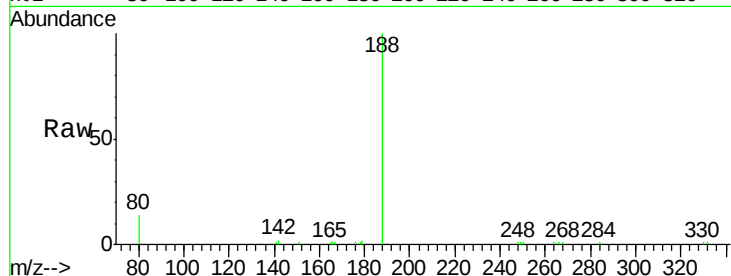
Tot Ion:188 Resp: 5558

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

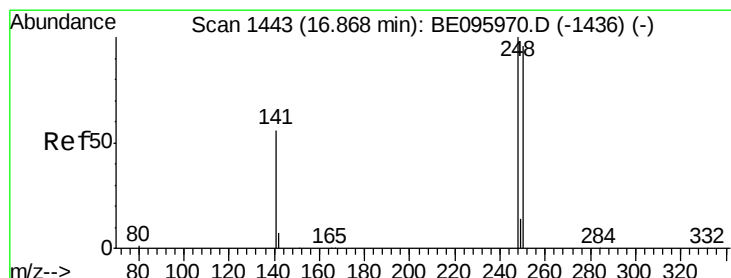
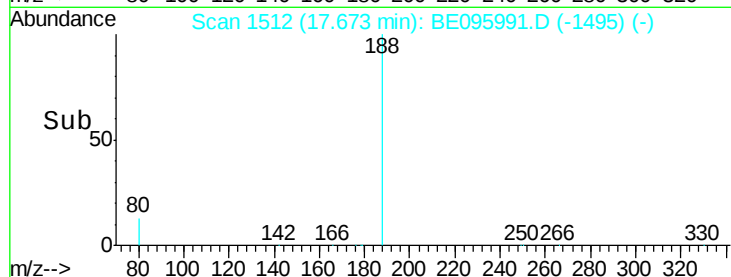
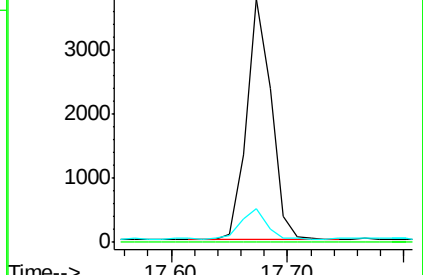
80 13.8 3.6 5.4#



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: 0.288 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

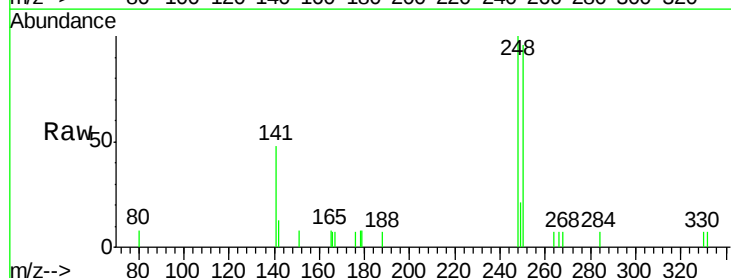
Tgt Ion:248 Resp: 950

Ion Ratio Lower Upper

248 100

250 96.2 62.7 94.1#

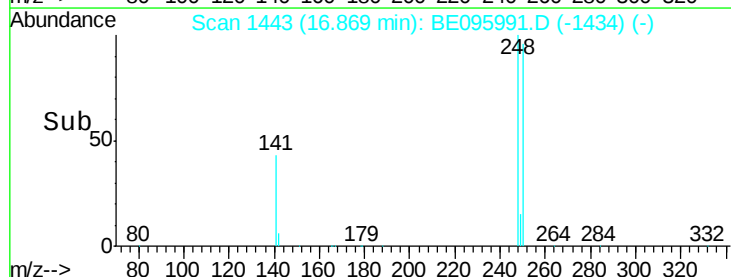
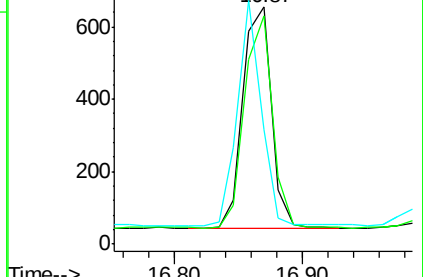
141 48.2 48.2 72.2



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: 0.285 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

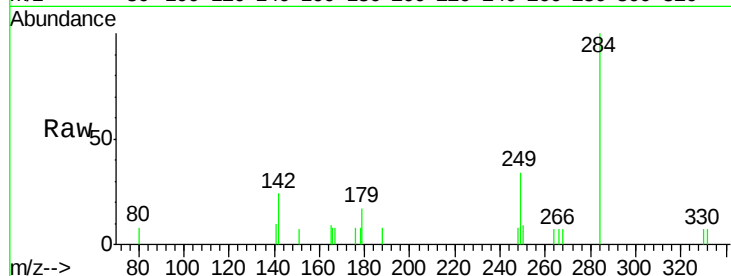
Tot Ion:284 Resp: 938

Ion Ratio Lower Upper

284 100

142 42.9 22.1 33.1#

249 38.5 34.8 52.2

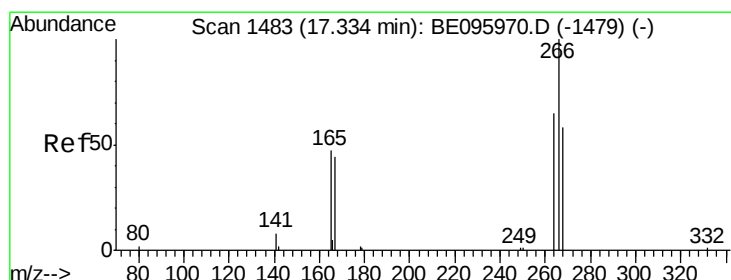
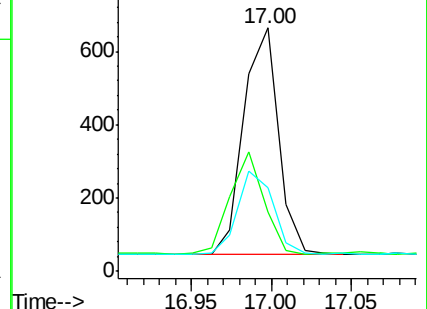
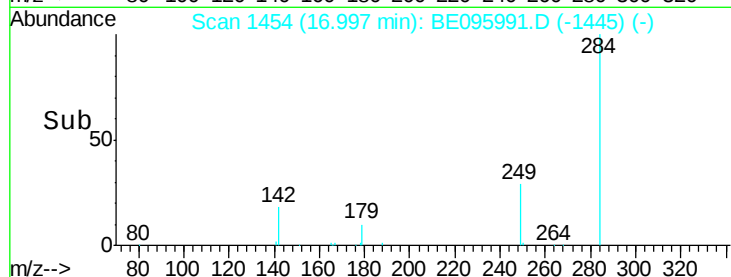


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#22

Pentachlorophenol

Concen: 0.338 ng

RT: 17.34 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

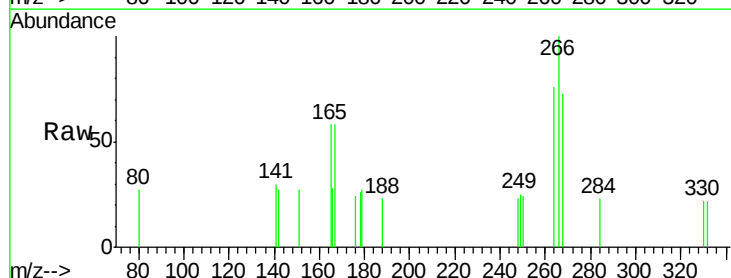
Tgt Ion:266 Resp: 308

Ion Ratio Lower Upper

266 100

264 75.5 72.5 108.7

268 73.0 73.8 110.6#

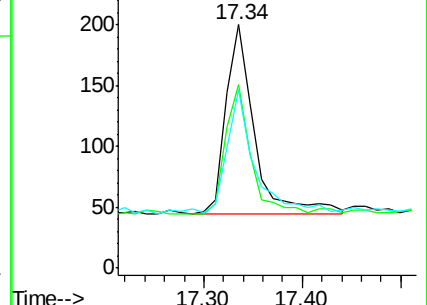
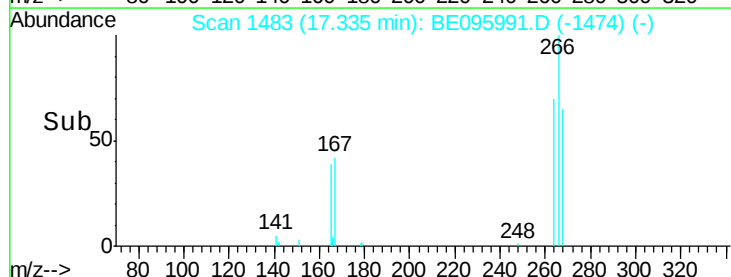


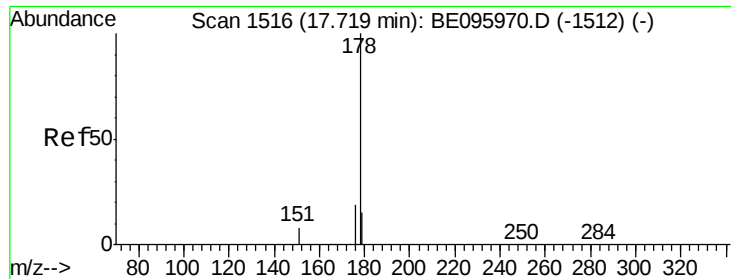
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->





#23

Phenanthrene

Concen: 0.309 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

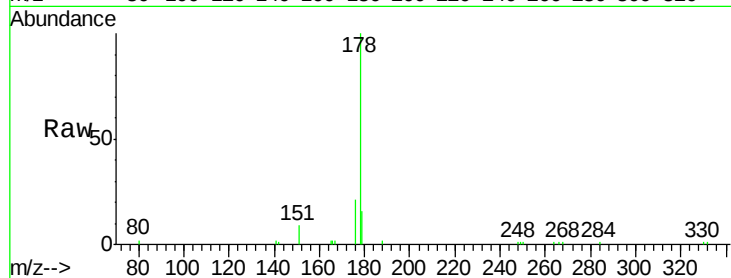
Tot Ion:178 Resp: 4818

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

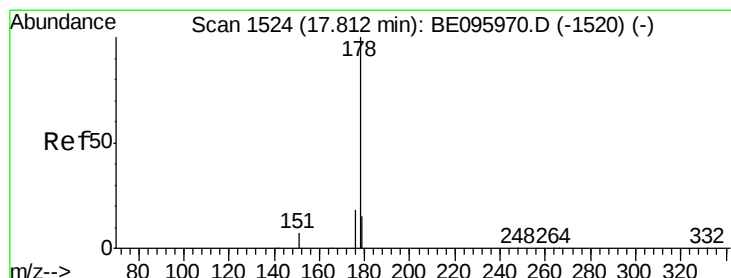
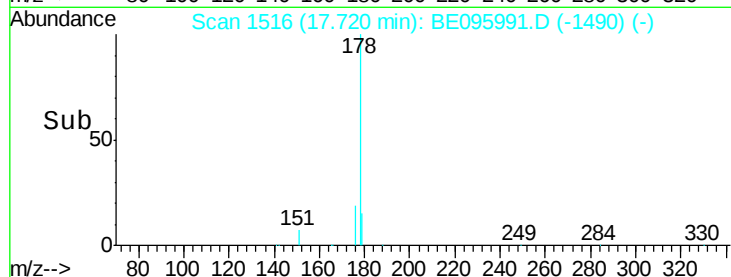
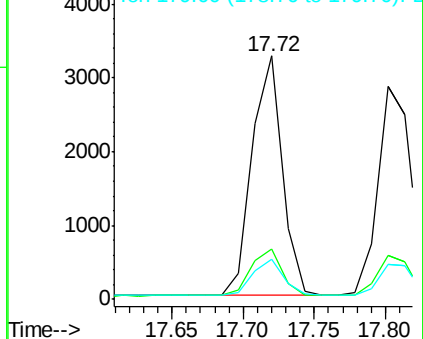
179 14.9 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.310 ng

RT: 17.80 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

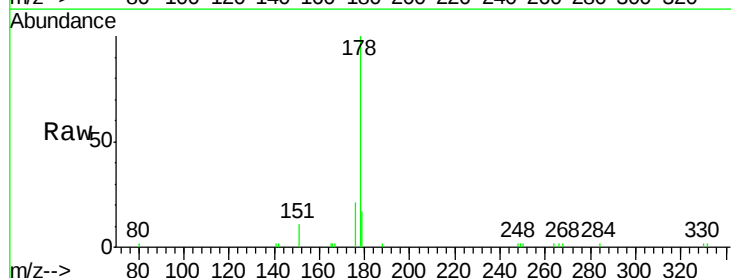
Tgt Ion:178 Resp: 4625

Ion Ratio Lower Upper

178 100

176 20.0 12.8 19.2#

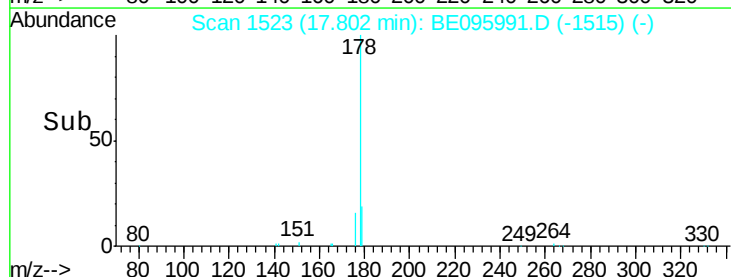
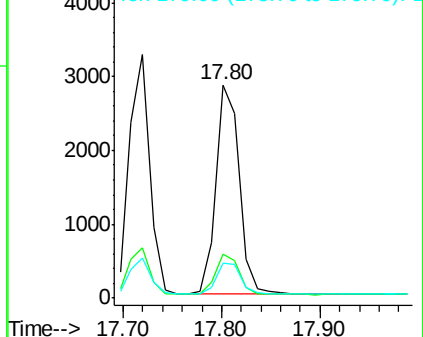
179 15.6 13.0 19.6

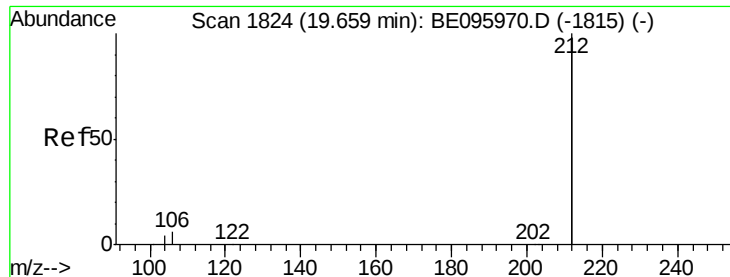


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

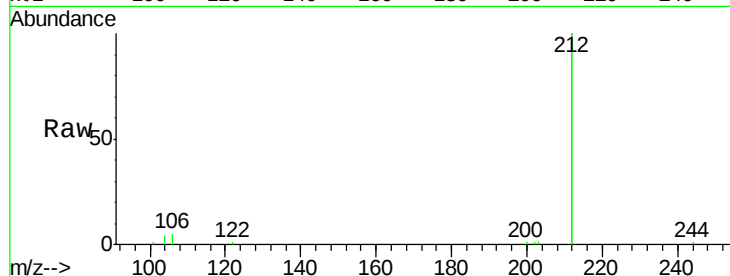
Tot Ion:212 Resp: 21412

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

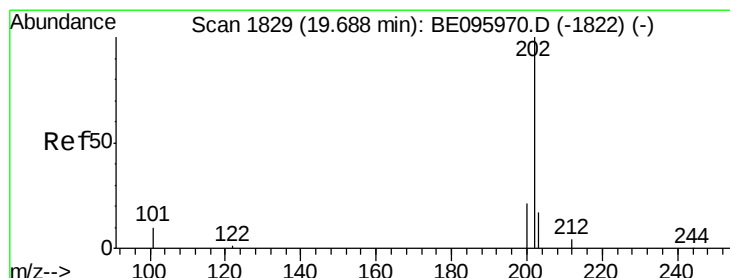
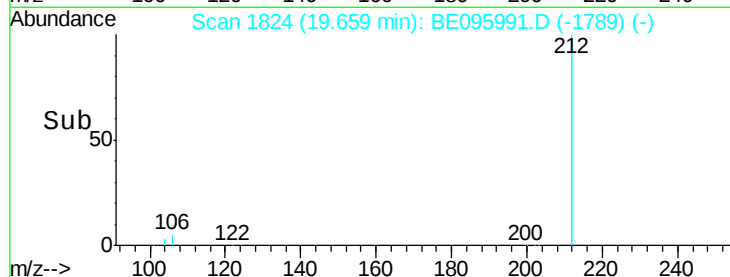
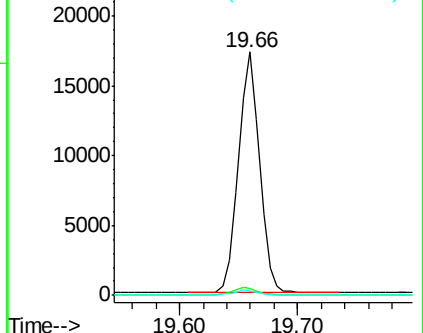
104 1.8 1.6 2.4



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: 0.299 ng

RT: 19.69 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

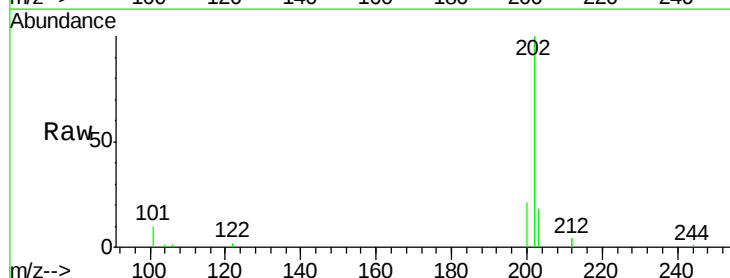
Tgt Ion:202 Resp: 6131

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

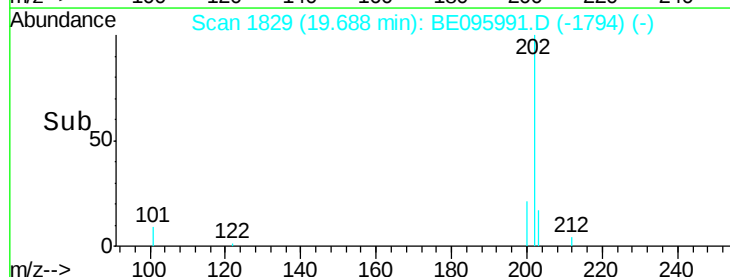
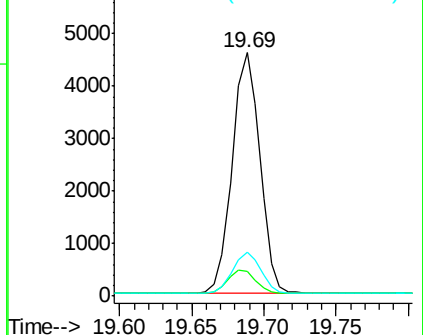
203 17.2 13.7 20.5



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: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampled :

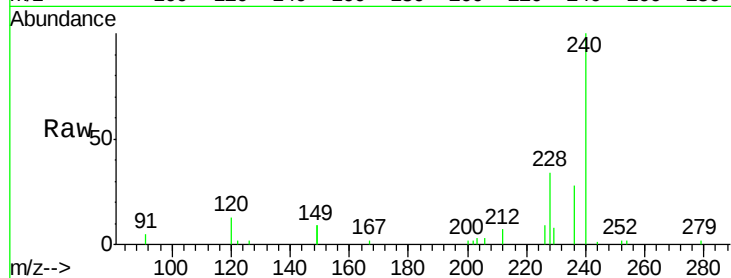
Tot Ion:240 Resp: 6192

Ion Ratio Lower Upper

240 100

120 13.0 5.5 8.3#

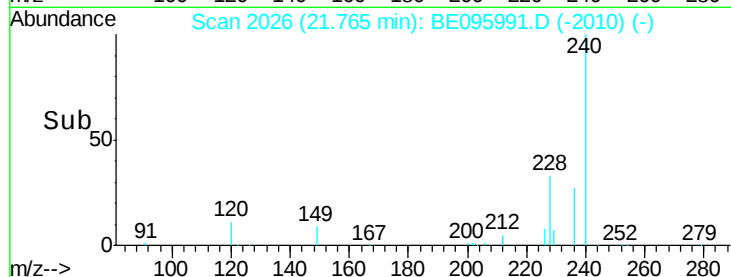
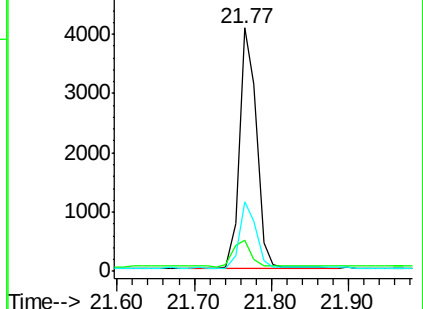
236 28.5 20.7 31.1



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: 0.192 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

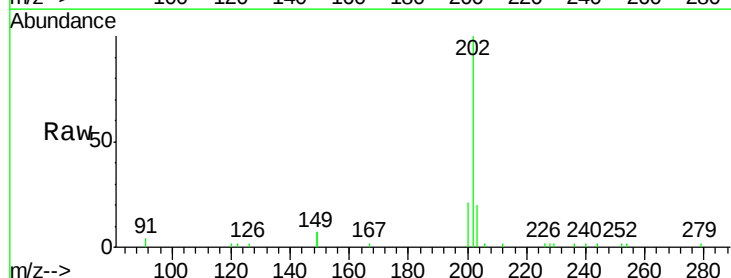
Tgt Ion:202 Resp: 2345

Ion Ratio Lower Upper

202 100

200 25.1 16.6 25.0#

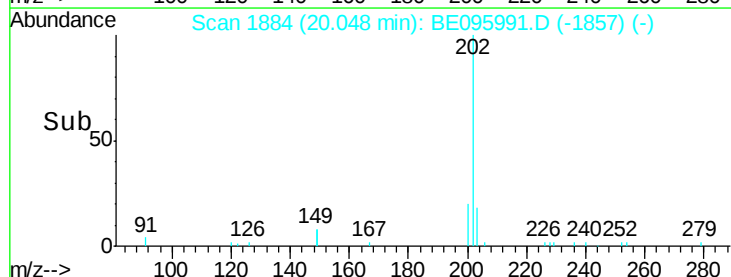
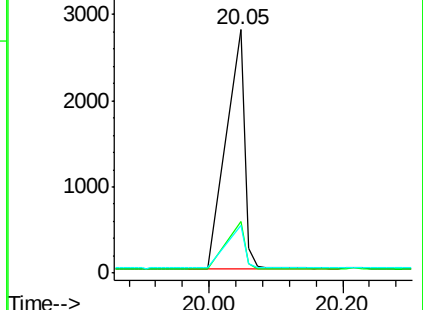
203 23.5 13.8 20.8#

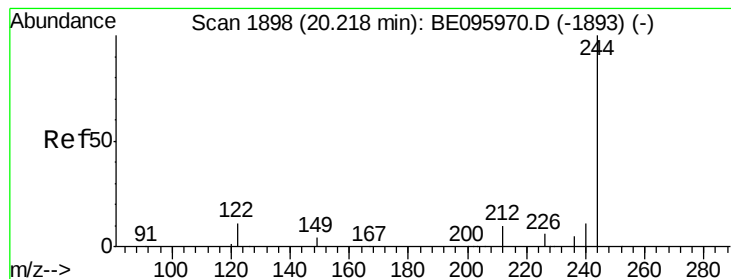


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.296 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

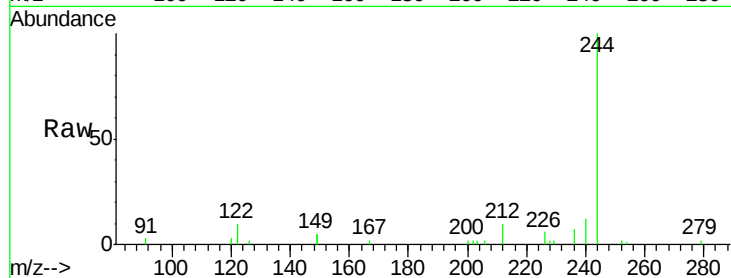
Tot Ion:244 Resp: 4055

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

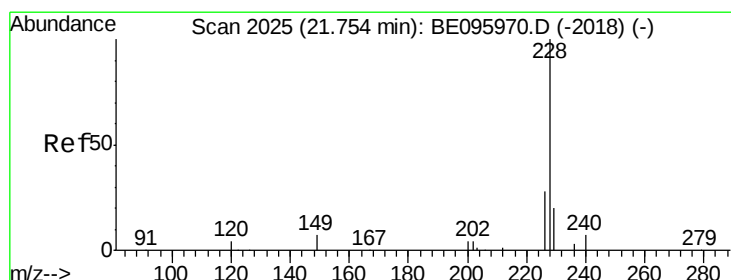
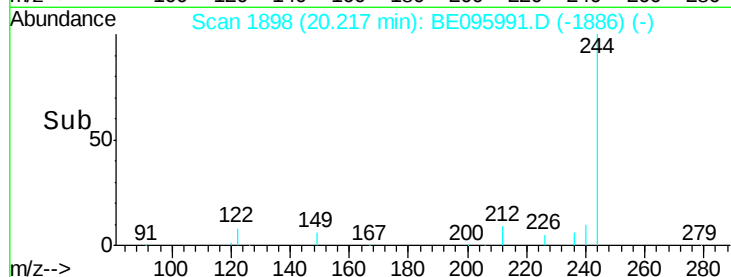
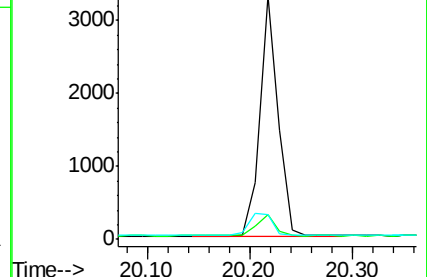
122 9.9 8.1 12.1



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: 0.312 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

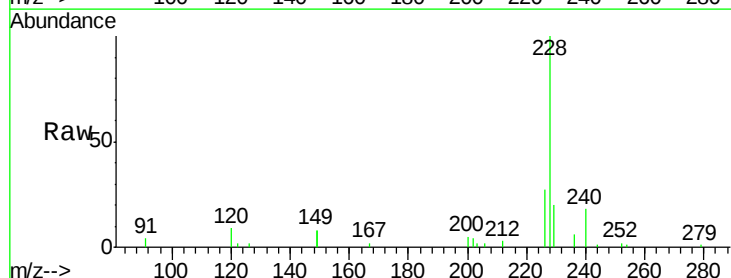
Tgt Ion:228 Resp: 6187

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

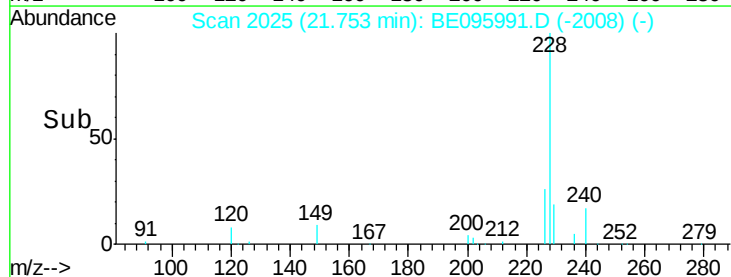
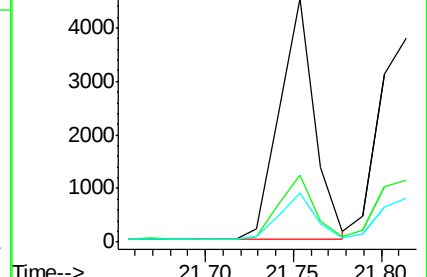
229 20.4 16.0 24.0



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: 0.306 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

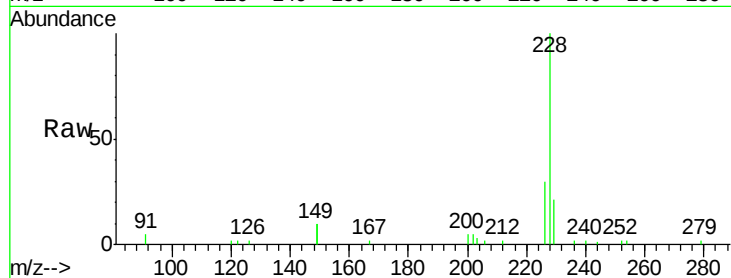
Tot Ion:228 Resp: 5871

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

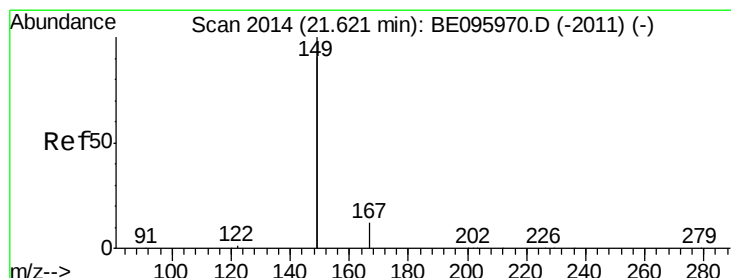
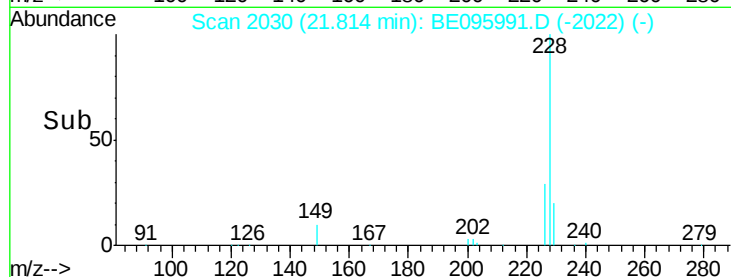
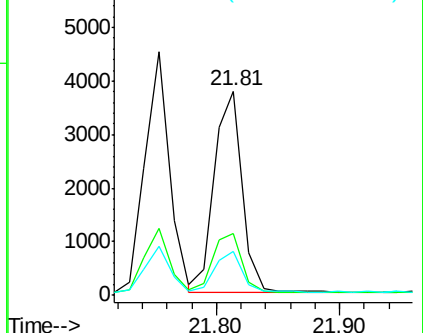
229 21.2 16.0 24.0



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: 0.281 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

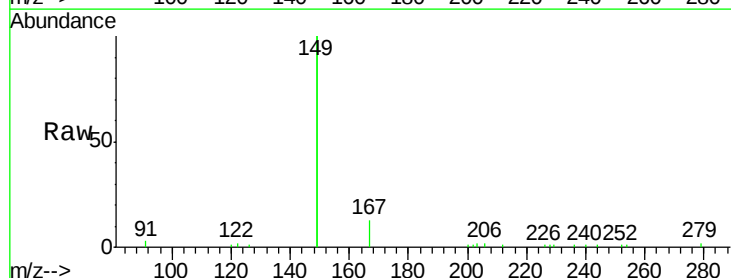
Tgt Ion:149 Resp: 14394

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

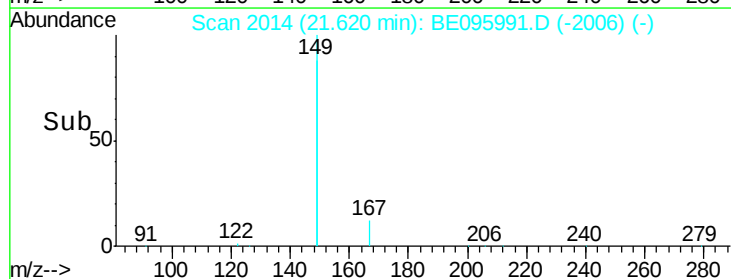
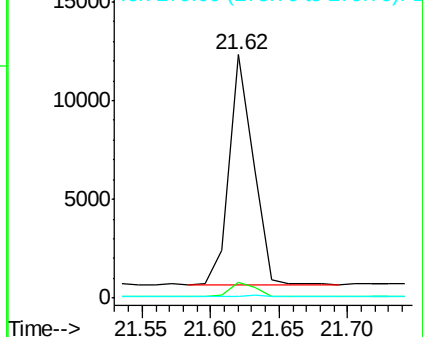
279 0.9 0.7 1.1



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

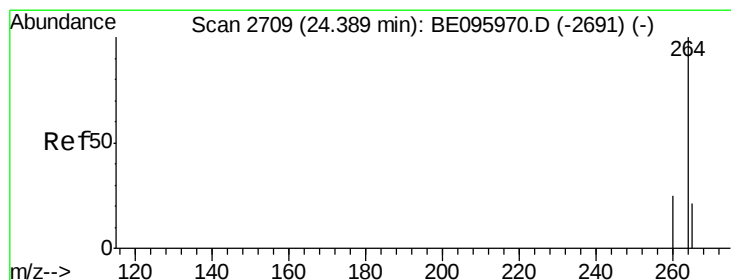
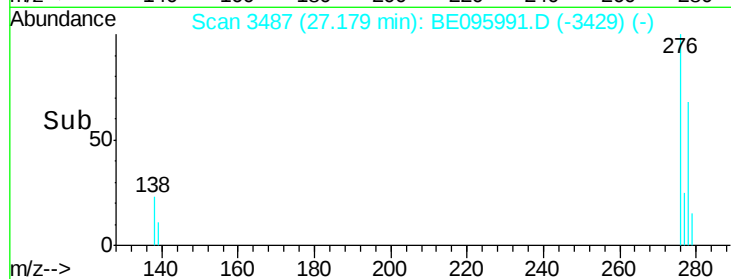
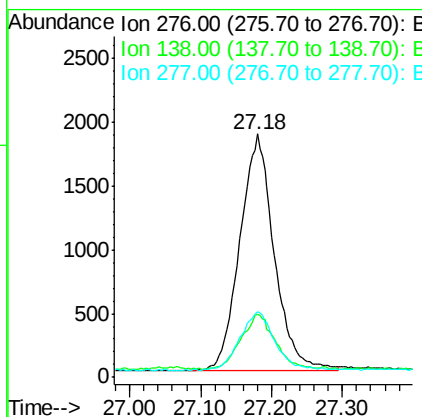
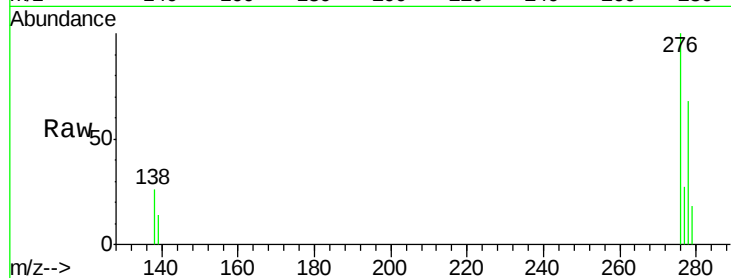




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.340 ng
 RT: 27.18 min Scan# 3487
 Delta R.T. 0.01 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

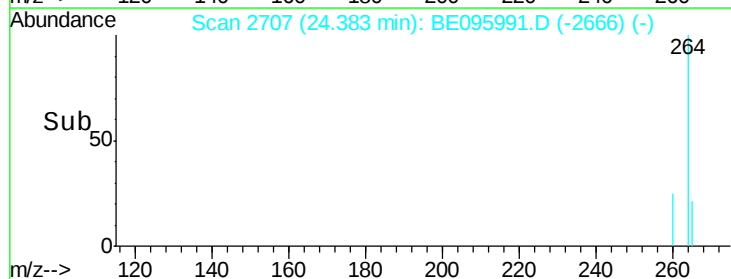
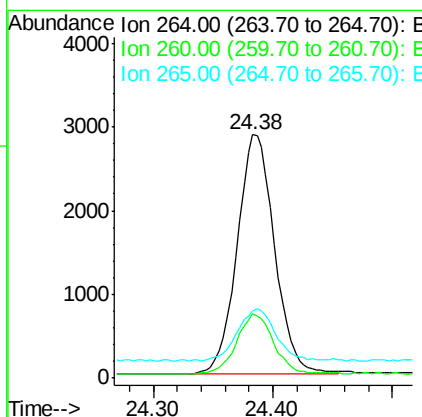
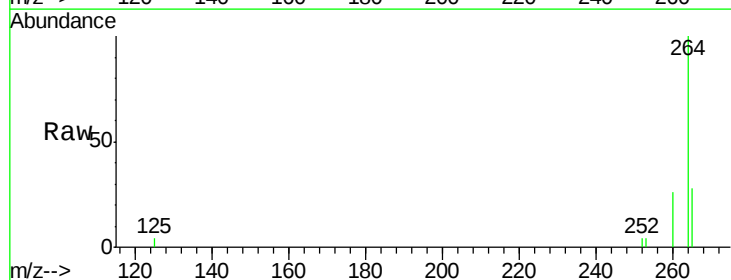
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 6316
 Ion Ratio Lower Upper
 276 100
 138 22.8 22.5 33.7
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.38 min Scan# 2707
 Delta R.T. -0.00 min
 Lab File: BE095991.D
 Acq: 13 Apr 2018 11:32

Tgt Ion:264 Resp: 6182
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 27.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.319 ng

RT: 23.57 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

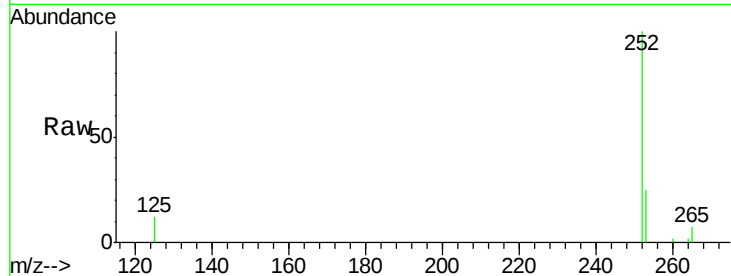
Tot Ion:252 Resp: 5914

Ion Ratio Lower Upper

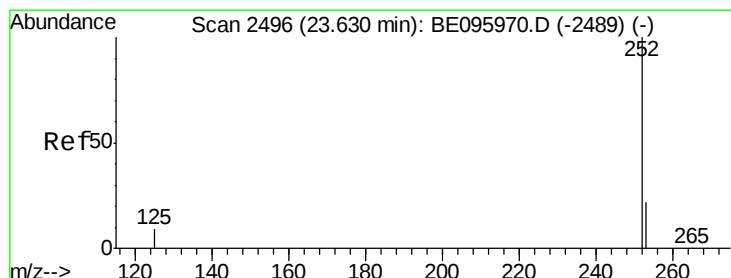
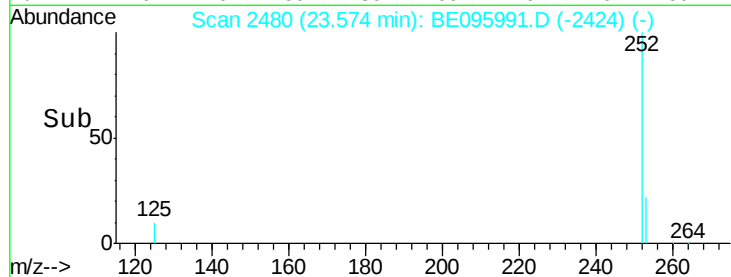
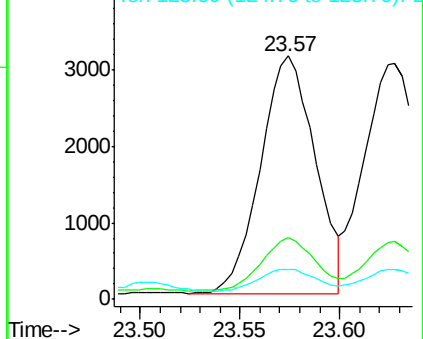
252 100

253 25.2 20.0 30.0

125 12.3 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: 0.309 ng

RT: 23.63 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

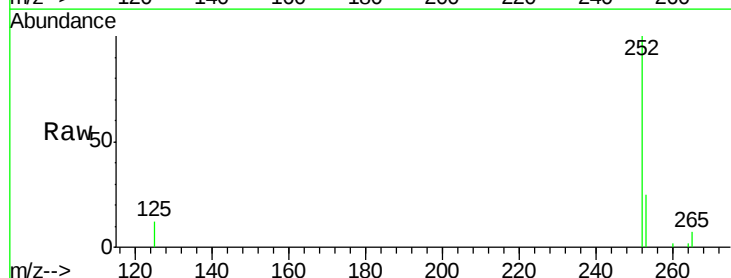
Tgt Ion:252 Resp: 5896

Ion Ratio Lower Upper

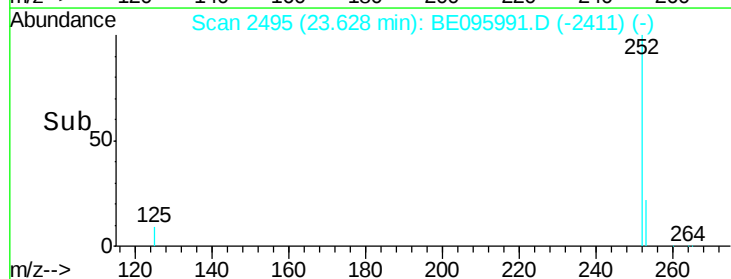
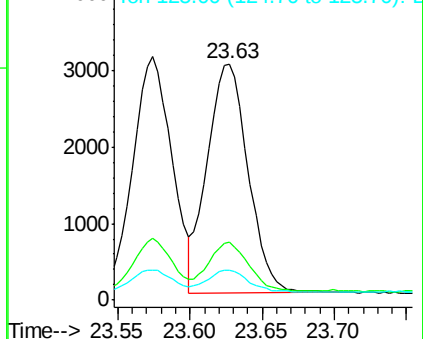
252 100

253 24.7 16.0 24.0#

125 12.3 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: 0.315 ng

RT: 24.27 min Scan# 2674

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :

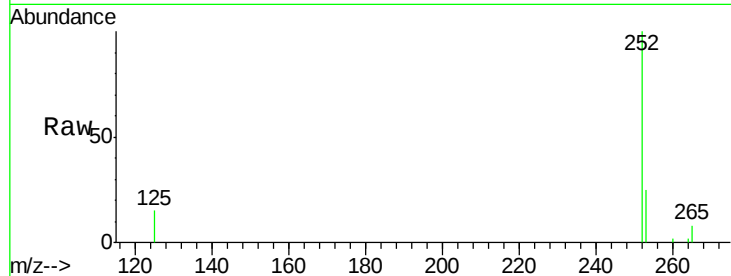
Tot Ion:252 Resp: 5615

Ion Ratio Lower Upper

252 100

253 24.9 16.0 24.0#

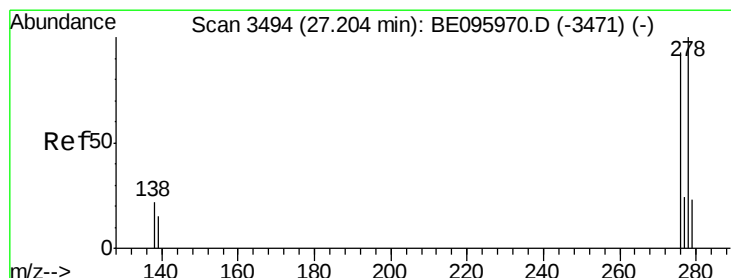
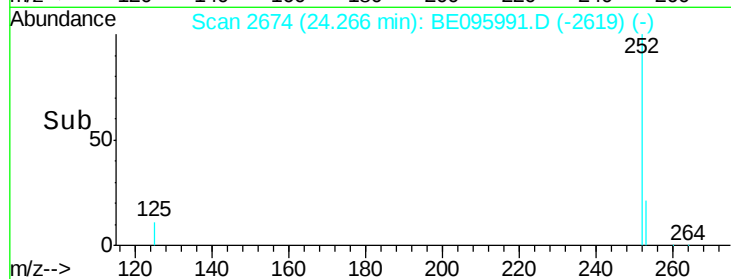
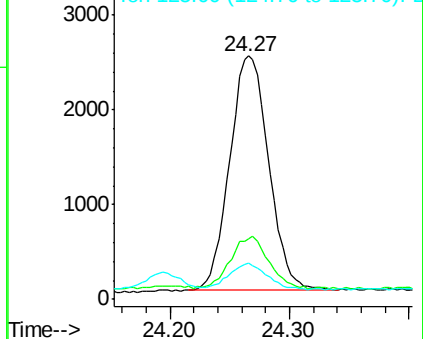
125 14.8 12.0 18.0



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: 0.320 ng

RT: 27.19 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

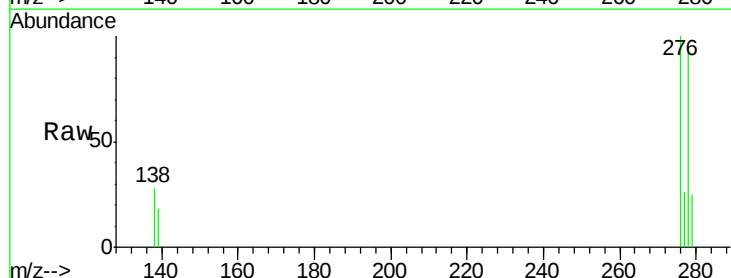
Tgt Ion:278 Resp: 5026

Ion Ratio Lower Upper

278 100

139 19.3 16.0 24.0

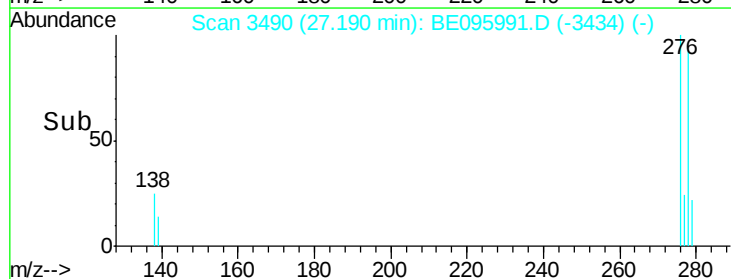
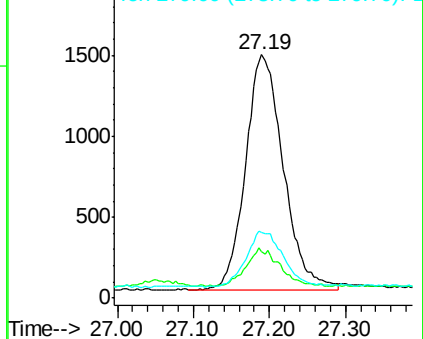
279 27.1 20.0 30.0



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: 0.323 ng

RT: 28.05 min Scan# 3731

Delta R.T. 0.00 min

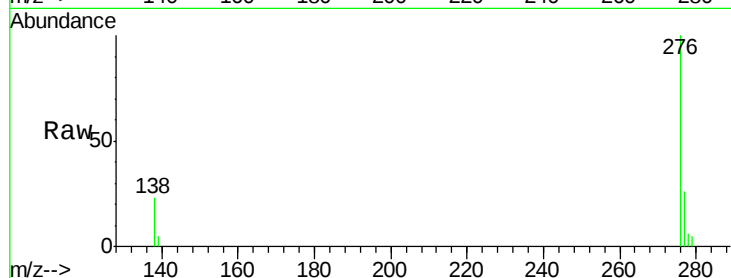
Lab File: BE095991.D

Acq: 13 Apr 2018 11:32

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	5374
Ion Ratio	Lower	Upper	
276	100		
277	25.9	16.0	24.0#
138	22.9	20.0	30.0

