

Data File : BE096602.D
Acq On : 17 May 2018 10:30
Operator : SJ/JU
Sample : PB109399BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB109399BS

Quant Time: May 18 05:10:28 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	855	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	3189	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1590	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3284	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3496	0.40	ng	0.00
34) Perylene-d12	24.33	264	3398	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	847	0.36	ng	0.00
5) Phenol-d6	7.50	99	1147	0.34	ng	0.00
8) Nitrobenzene-d5	9.42	82	119	0.04	ng	-0.10
11) 2-Methylnaphthalene-d10	12.72	152	1714	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	191	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2621	0.38	ng	0.00
25) Fluoranthene-d10	19.62	212	14307	0.36	ng	0.00
29) Terphenyl-d14	20.18	244	2624	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	368	0.29	ng	# 82
3) n-Nitrosodimethylamine	3.95	42	598	0.37	ng	# 76
6) bis(2-Chloroethyl)ether	7.74	93	994	0.32	ng	98
9) Naphthalene	11.22	128	12039	0.36	ng	99
10) Hexachlorobutadiene	11.49	225	646	0.34	ng	91
12) 2-Methylnaphthalene	12.79	142	1977	0.34	ng	96
16) Acenaphthylene	14.66	152	2741	0.33	ng	99
17) Acenaphthene	14.99	154	1660	0.33	ng	92
18) Fluorene	15.96	166	2610	0.41	ng	# 70
20) 4-Bromophenyl-phenylether	16.82	248	683	0.34	ng	# 82
21) Hexachlorobenzene	16.95	284	679	0.33	ng	# 81
22) Pentachlorophenol	17.31	266	110	0.35	ng	96
23) Phenanthrene	17.67	178	3229	0.35	ng	98
24) Anthracene	17.77	178	3027	0.35	ng	95
26) Fluoranthene	19.65	202	3937	0.36	ng	# 96
28) Pyrene	20.00	202	1802	0.29	ng	95
30) Benzo(a)anthracene	21.72	228	3795	0.35	ng	97
31) Chrysene	21.78	228	3925	0.35	ng	99
32) Bis(2-ethylhexyl)phthalate	21.58	149	6574	0.29	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4122	0.38	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	3834	0.37	ng	# 89
36) Benzo(k)fluoranthene	23.52	252	3834	0.35	ng	94
37) Benzo(a)pyrene	24.22	252	3662	0.37	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	3271	0.36	ng	95
39) Benzo(g,h,i)perylene	27.96	276	3518	0.37	ng	# 90

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

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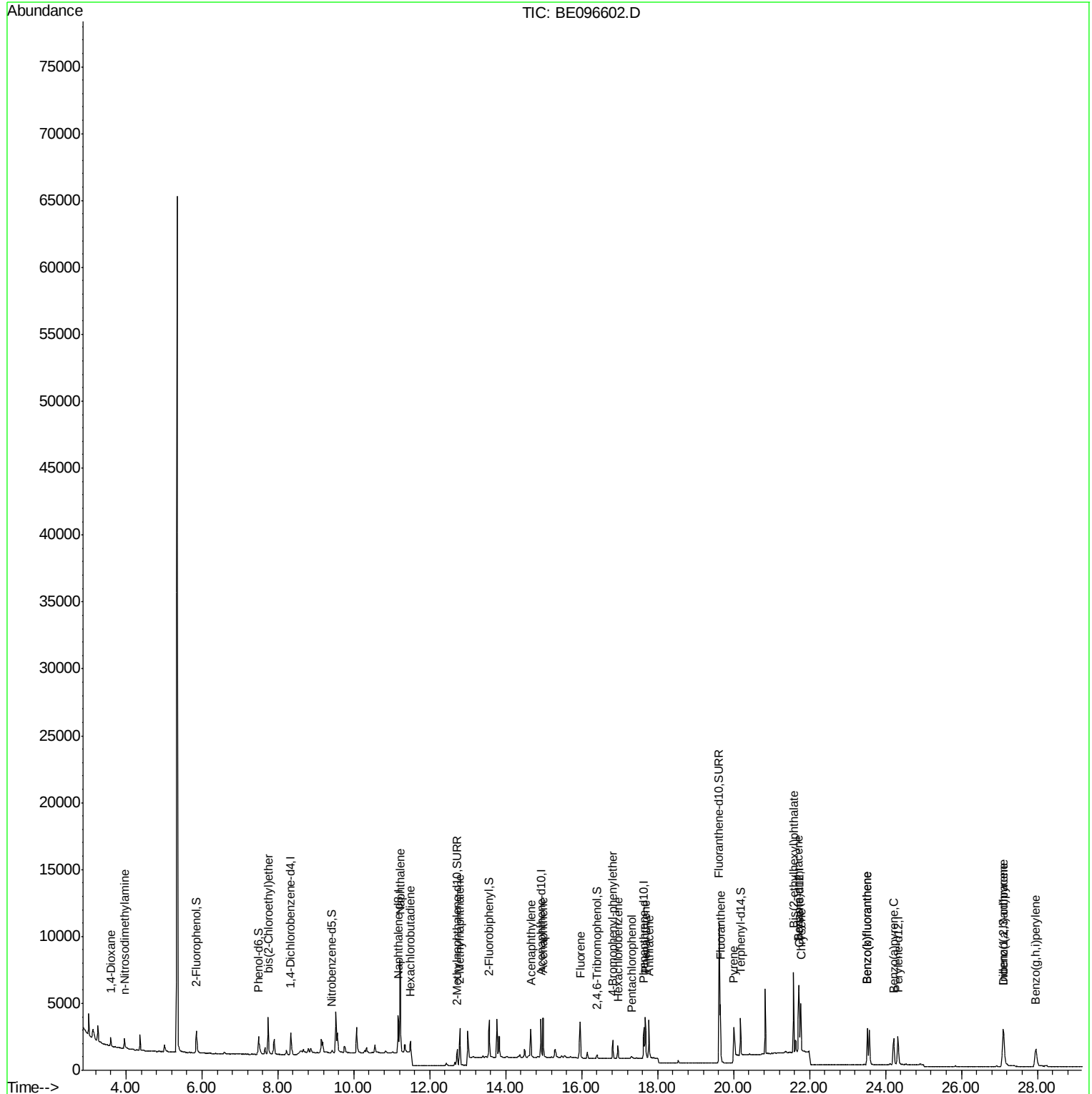
Quant Time: May 18 05:10:28 2018

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

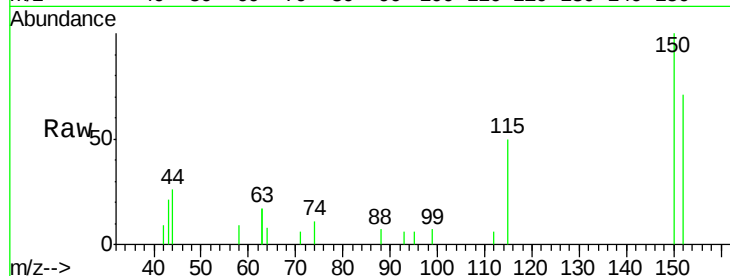
Tgt Ion:152 Resp: 855

Ion Ratio Lower Upper

152 100

150 141.4 117.2 175.8

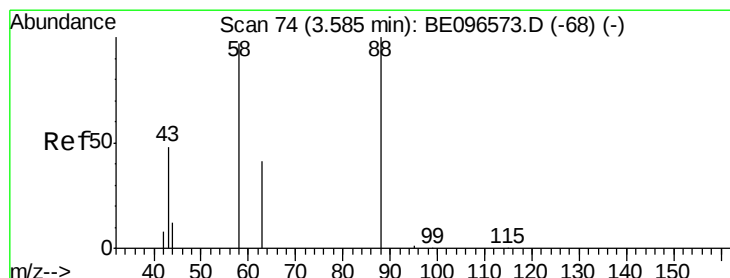
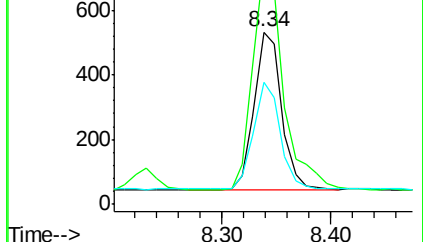
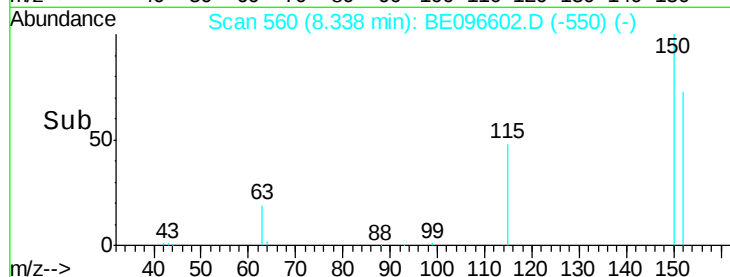
115 70.5 57.0 85.6



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: 0.29 ng

RT: 3.60 min Scan# 76

Delta R.T. 0.02 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

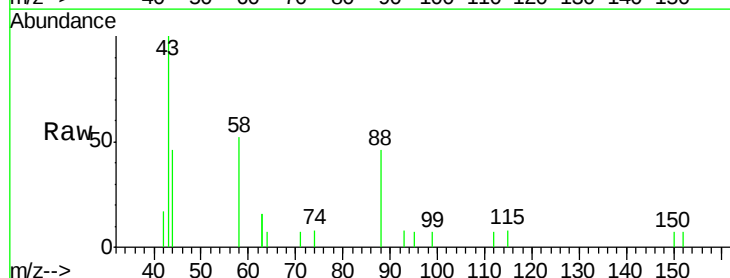
Tgt Ion: 88 Resp: 368

Ion Ratio Lower Upper

88 100

58 100.0 63.2 94.8#

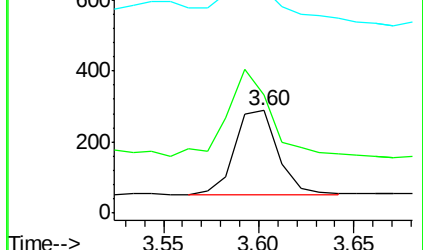
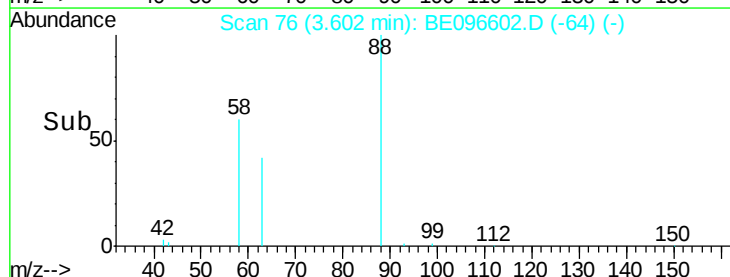
43 57.9 41.2 61.8



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

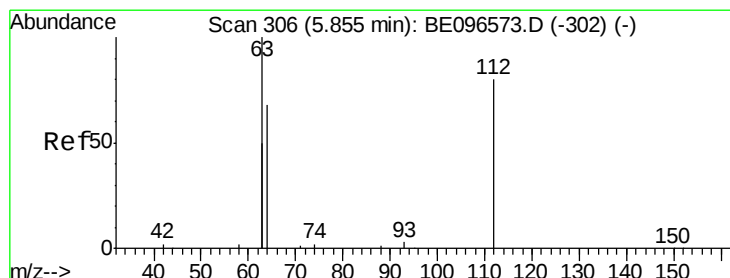
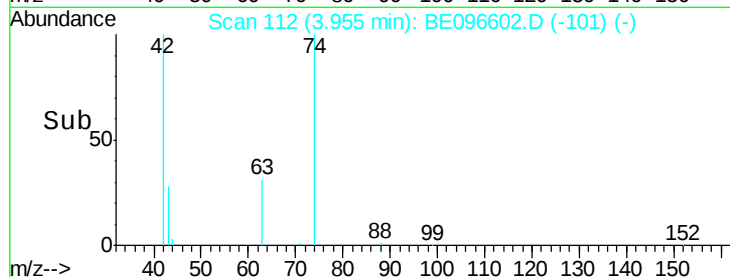
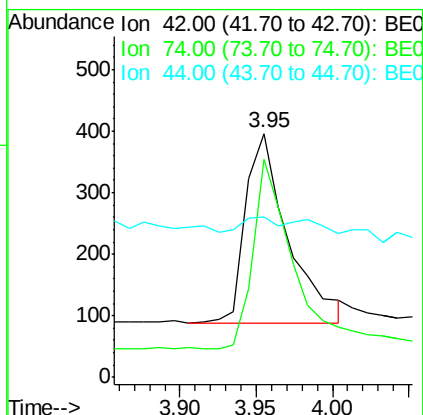
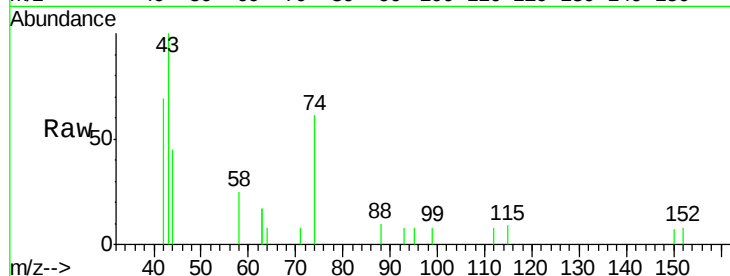




#3
 n-Nitrosodimethylamine
 Concen: 0.37 ng
 RT: 3.95 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

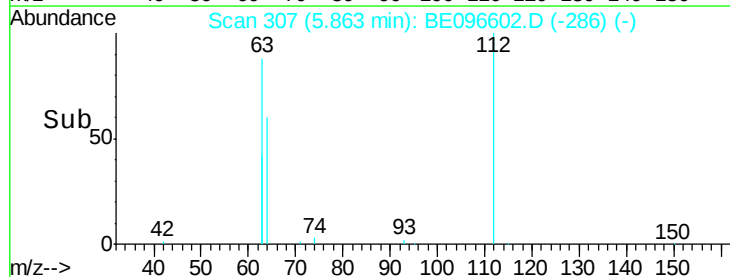
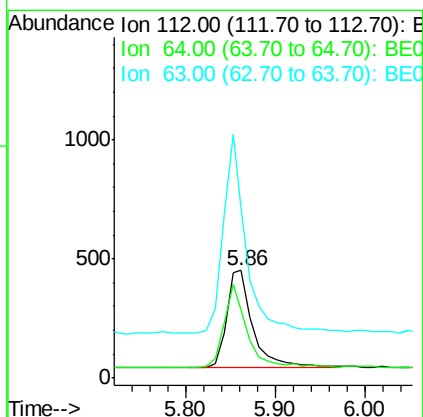
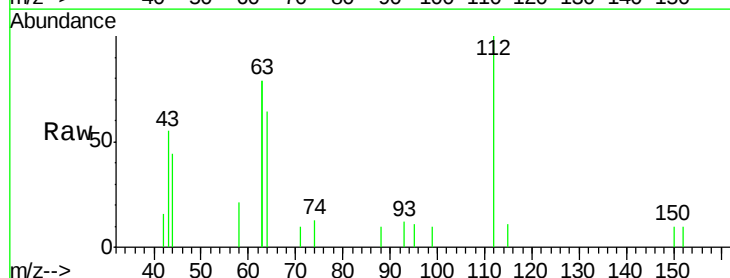
Instrument :
 BNA_E
 ClientSampleId :
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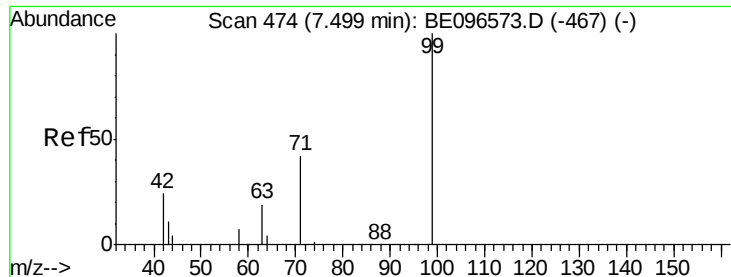
Tgt Ion: 42 Resp: 598
 Ion Ratio Lower Upper
 42 100
 74 91.1 96.0 144.0#
 44 12.5 12.0 18.0



#4
 2-Fluorophenol
 Concen: 0.36 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

Tgt Ion: 112 Resp: 847
 Ion Ratio Lower Upper
 112 100
 64 77.0 60.1 90.1
 63 176.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

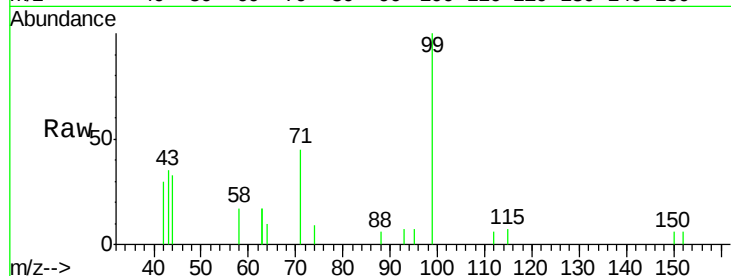
Tgt Ion: 99 Resp: 1147

Ion Ratio Lower Upper

99 100

42 30.7 20.2 30.2#

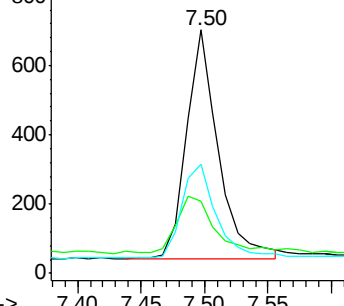
71 44.1 28.4 42.6#



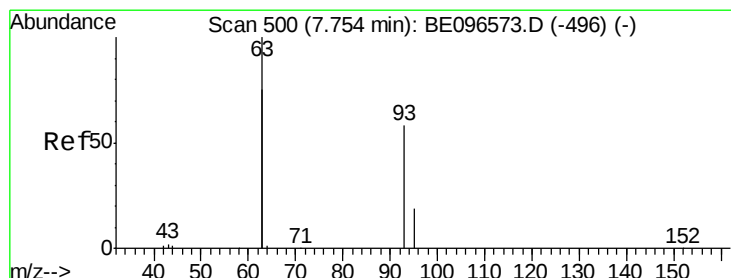
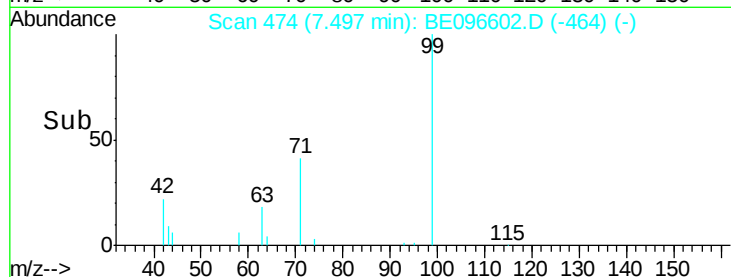
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.32 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

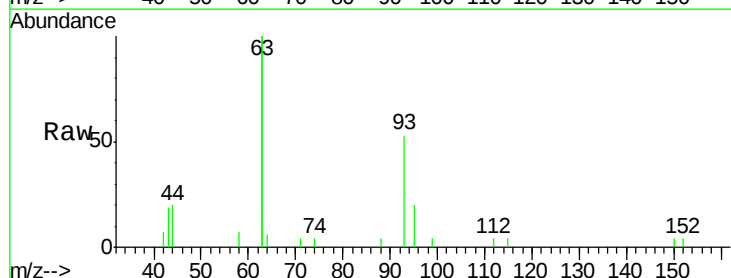
Tgt Ion: 93 Resp: 994

Ion Ratio Lower Upper

93 100

63 340.7 275.3 412.9

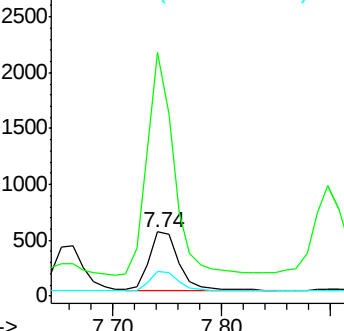
95 32.9 25.2 37.8



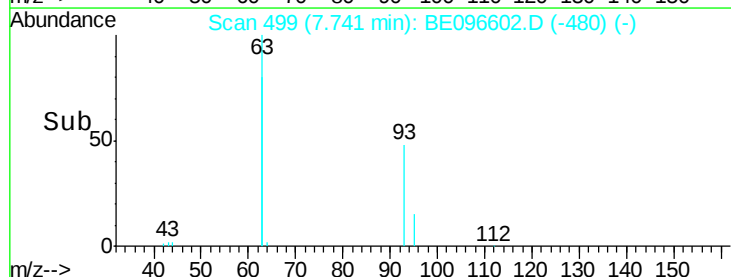
Abundance Ion 93.00 (92.70 to 93.70): BE0

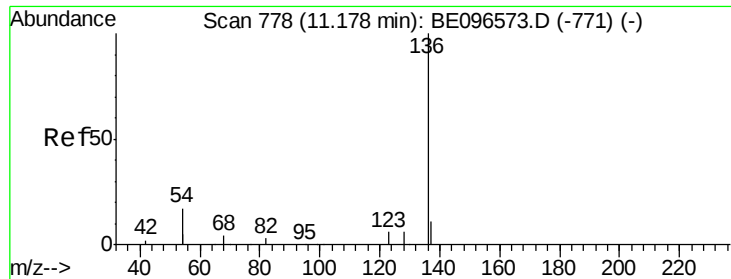
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 3189

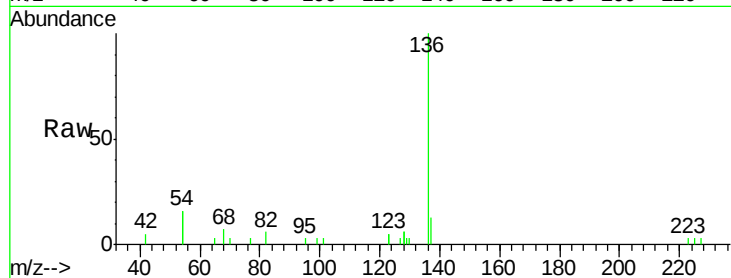
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 31.6 29.1 43.7

68 6.7 6.2 9.2

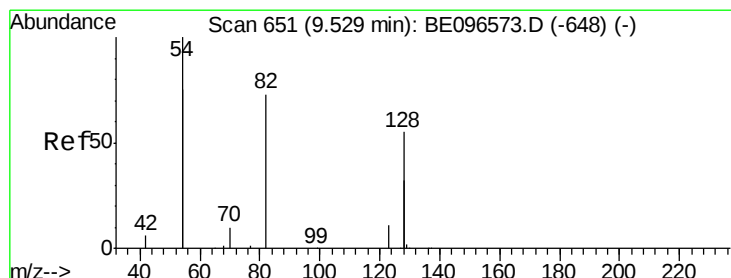
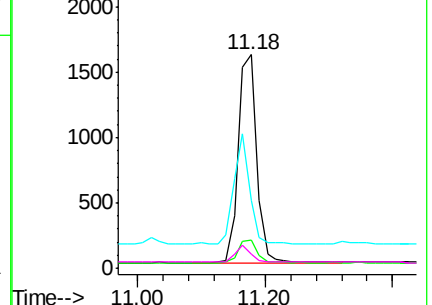
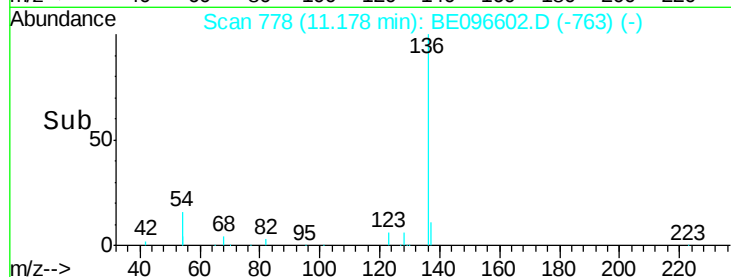


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.04 ng

RT: 9.42 min Scan# 643

Delta R.T. -0.10 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

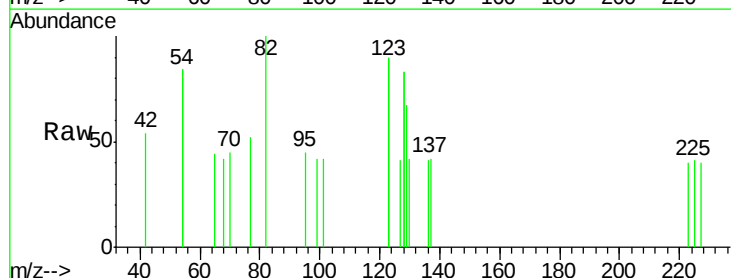
Tgt Ion: 82 Resp: 119

Ion Ratio Lower Upper

82 100

128 166.7 150.0 225.0

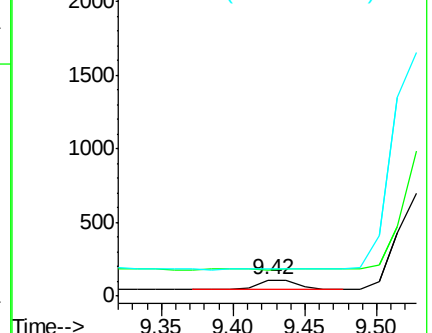
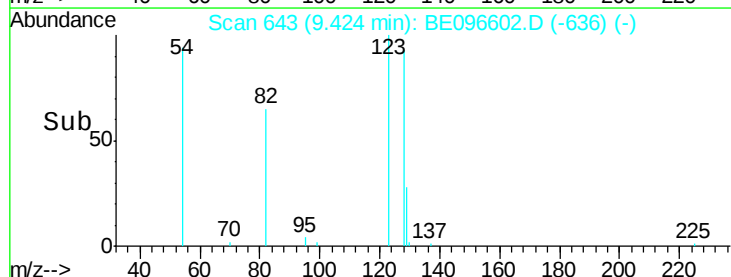
54 168.5 154.2 231.4

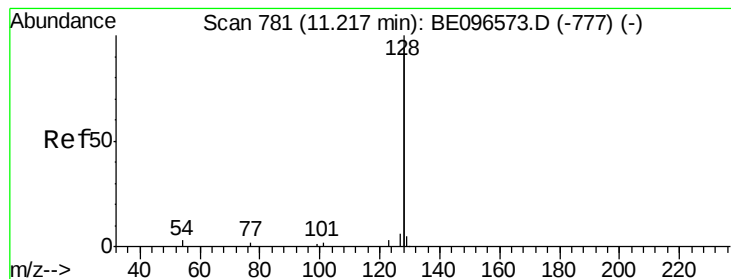


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

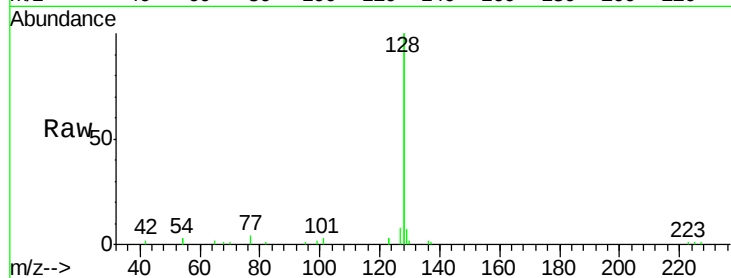
Tgt Ion:128 Resp: 12039

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

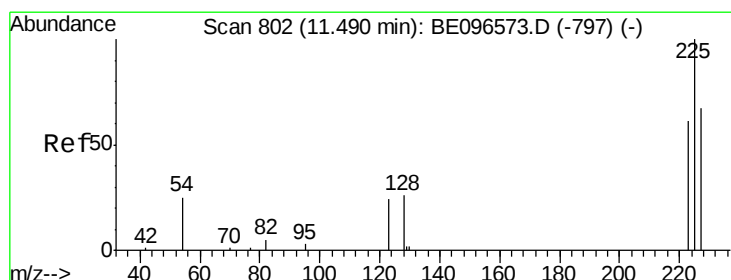
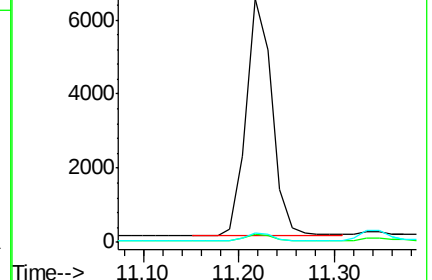
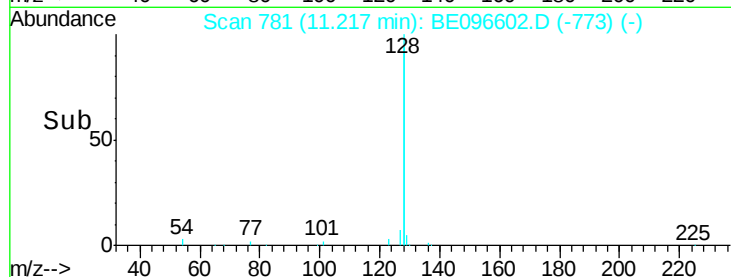
127 3.9 2.8 4.2



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: 0.34 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

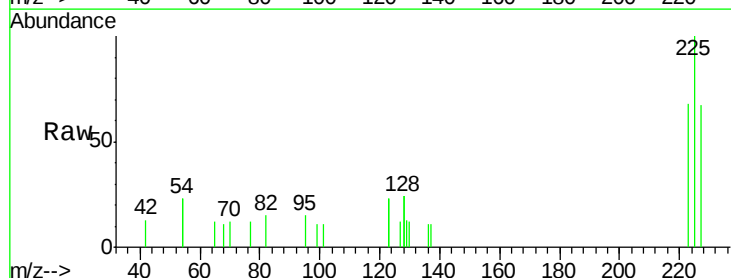
Tgt Ion:225 Resp: 646

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

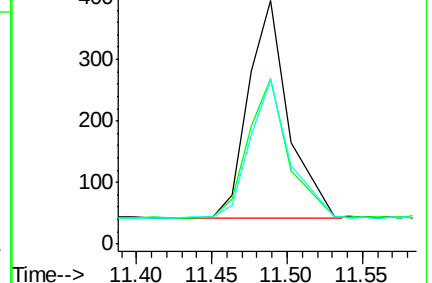
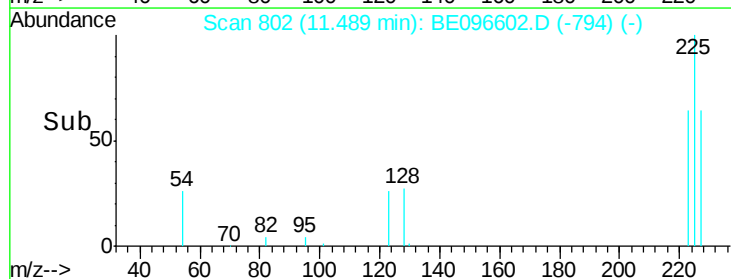
227 52.6 51.4 77.2

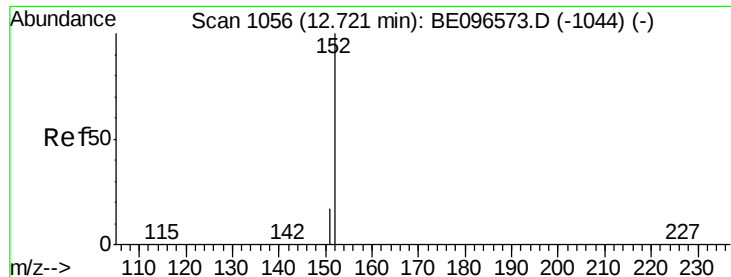


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.33 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

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ClientSampleId :

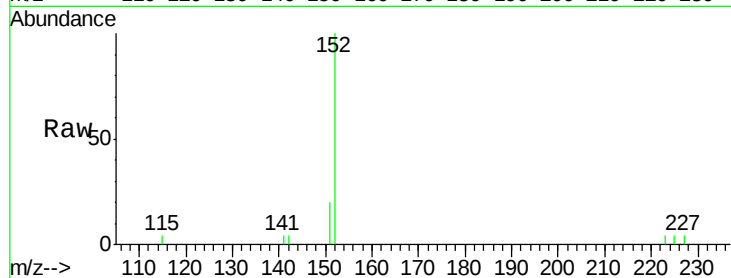
PB109399BS

Tgt Ion:152 Resp: 1714

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

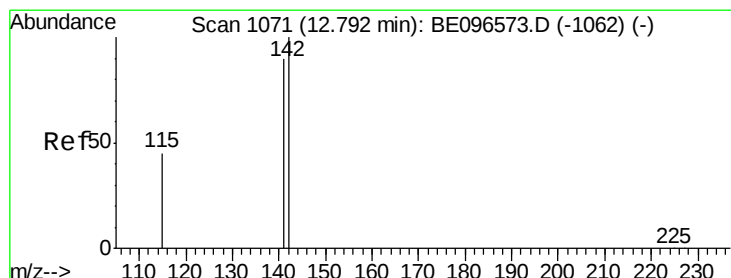
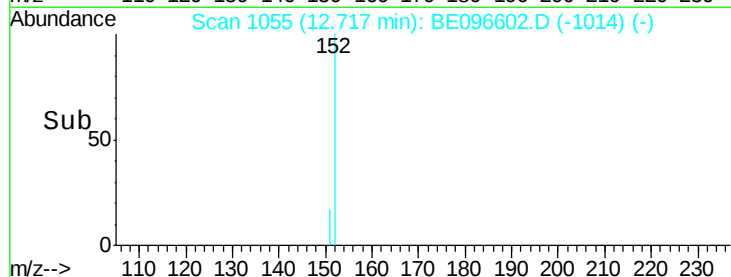
400

200

0

Time-->

12.70 12.80



#12

2-Methylnaphthalene

Concen: 0.34 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

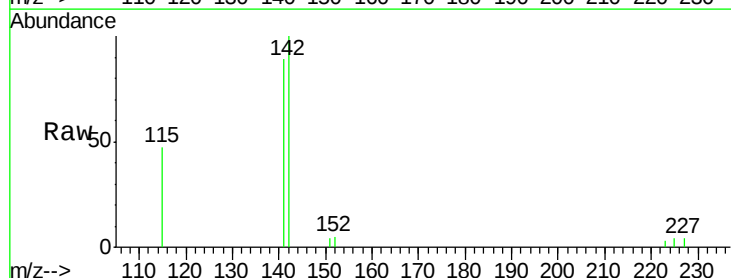
Tgt Ion:142 Resp: 1977

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 47.2 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

1500

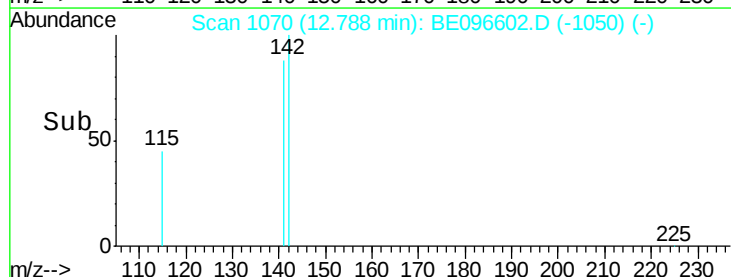
1000

500

0

Time-->

12.70 12.80 12.90





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.92 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

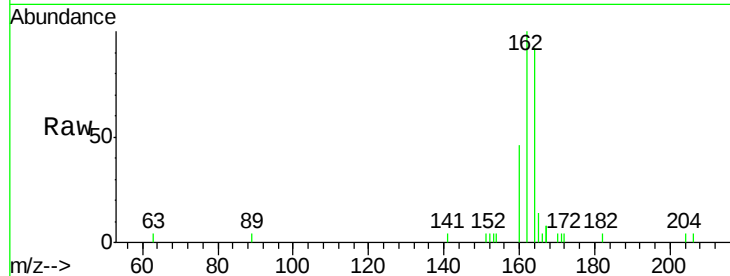
Tgt Ion:164 Resp: 1590

Ion Ratio Lower Upper

164 100

162 109.1 83.1 124.7

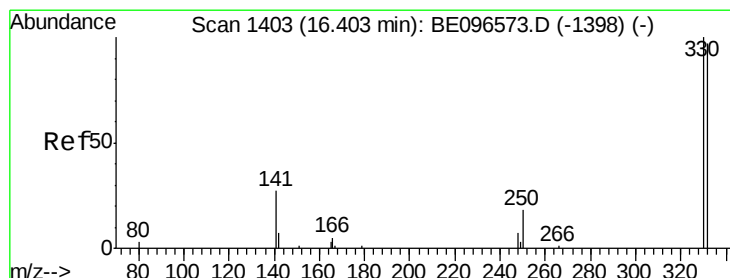
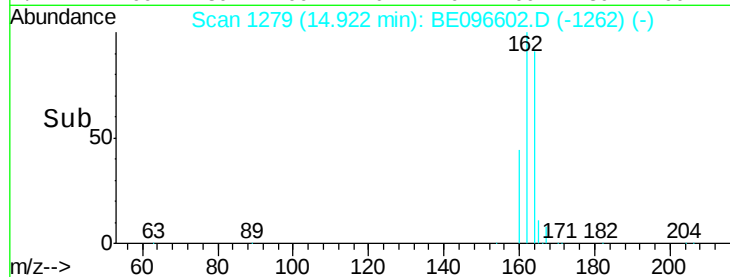
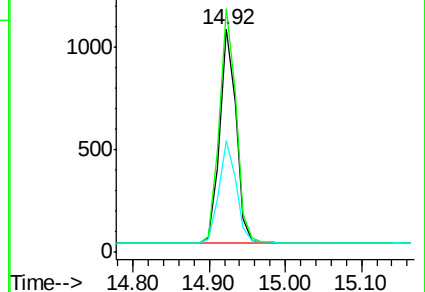
160 49.9 37.1 55.7



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: 0.30 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

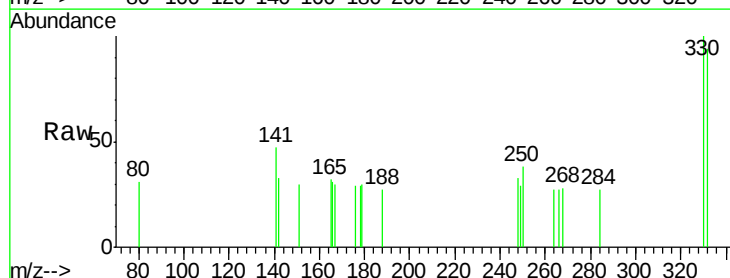
Tgt Ion:330 Resp: 191

Ion Ratio Lower Upper

330 100

332 89.5 152.7 229.1#

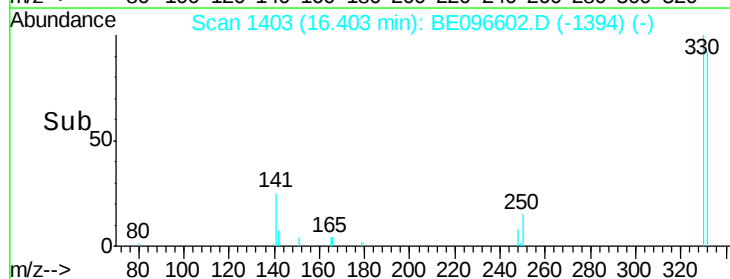
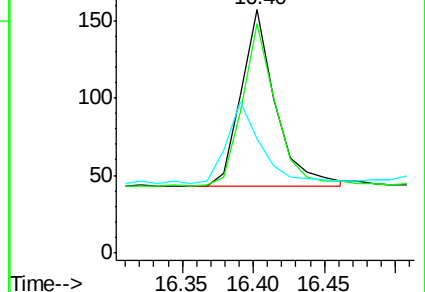
141 46.1 33.7 50.5

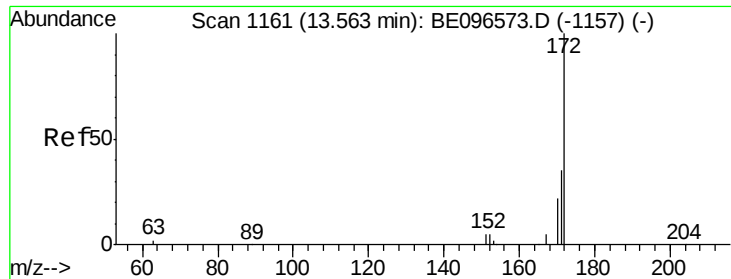


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

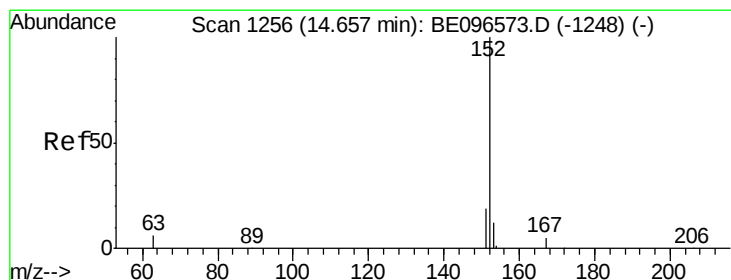
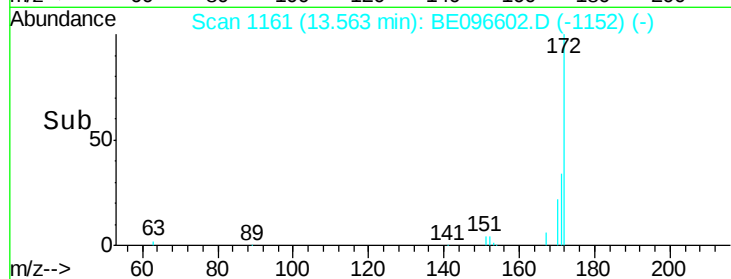
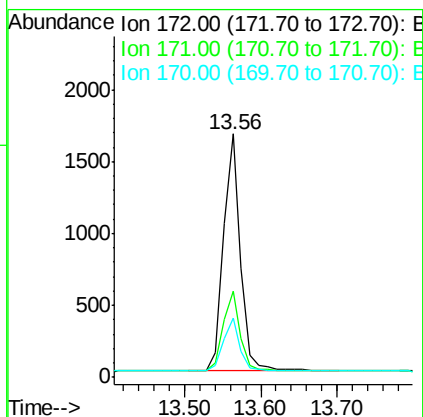
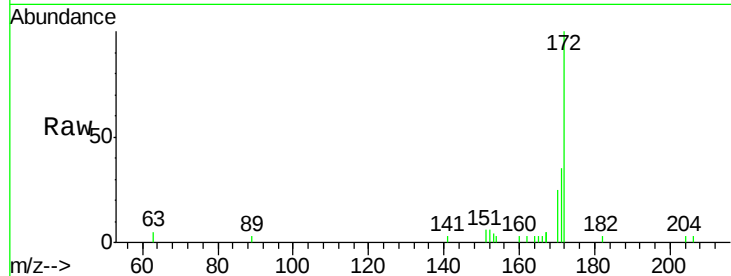




#15
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.56 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

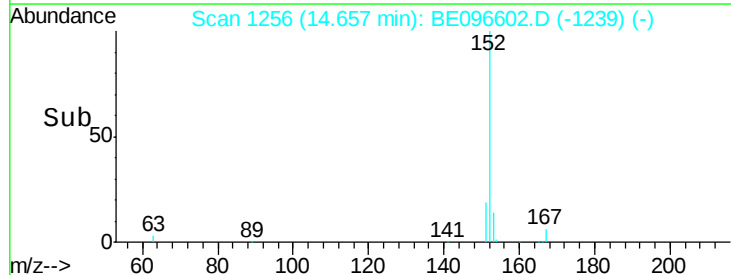
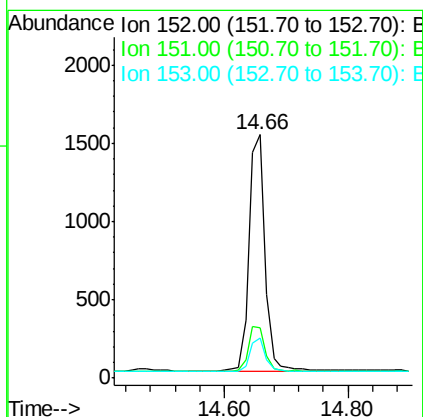
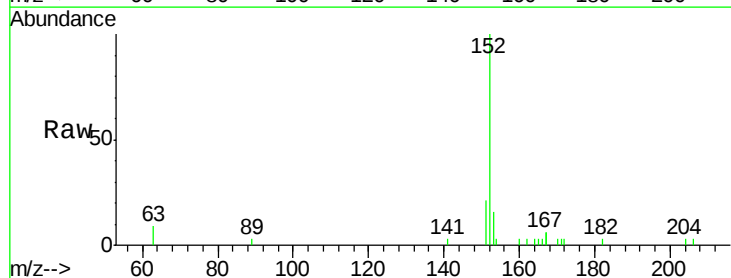
Instrument :
 BNA_E
 ClientSampleId :
 PB109399BS

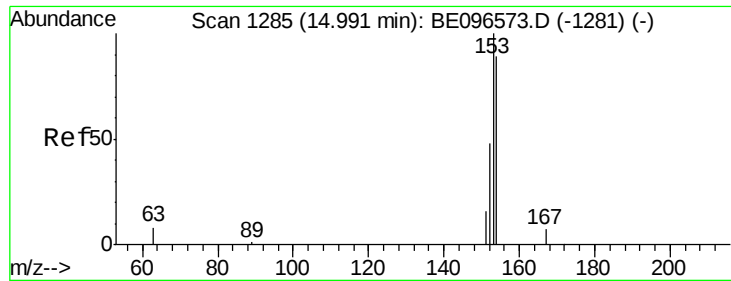
Tgt Ion:172 Resp: 2621
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 24.5 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.33 ng
 RT: 14.66 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

Tgt Ion:152 Resp: 2741
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.7 23.5
 153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.33 ng

RT: 14.99 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

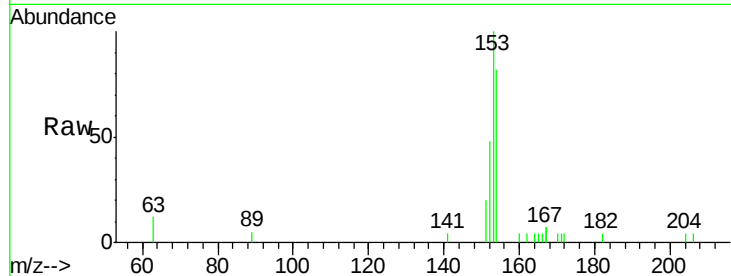
Tgt Ion:154 Resp: 1660

Ion Ratio Lower Upper

154 100

153 119.1 89.2 133.8

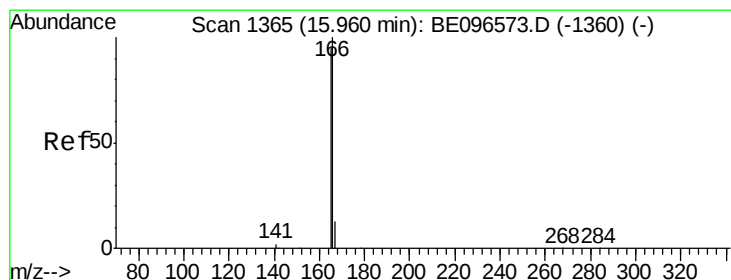
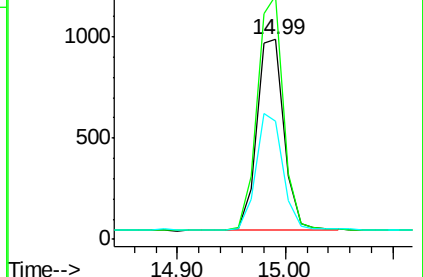
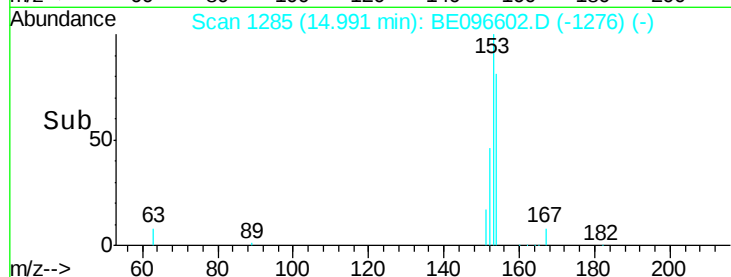
152 59.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.41 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

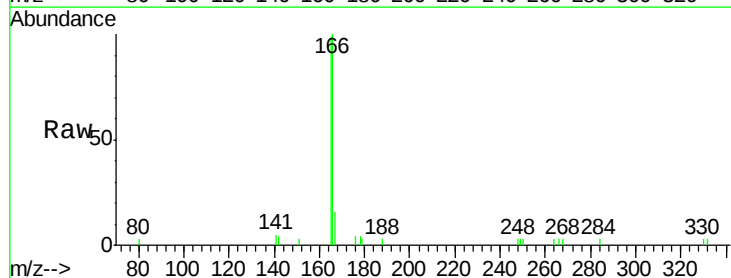
Tgt Ion:166 Resp: 2610

Ion Ratio Lower Upper

166 100

165 82.7 77.8 116.6

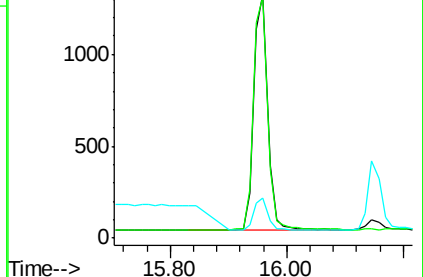
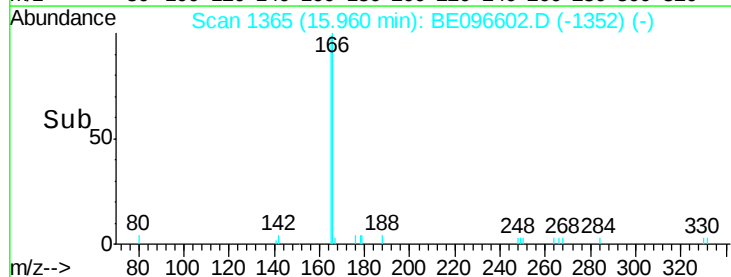
167 10.8 42.4 63.6#

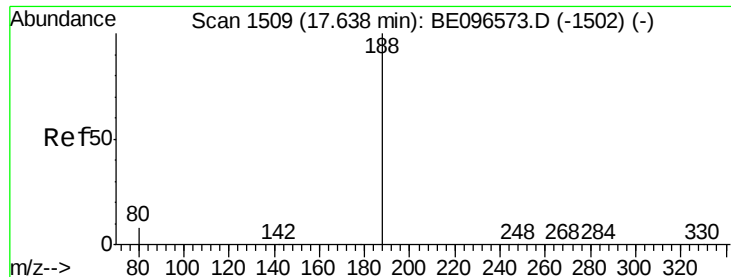


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

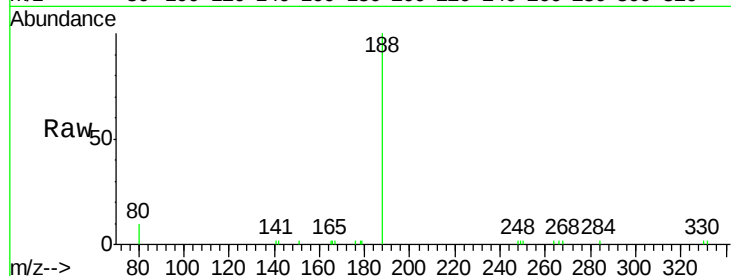
Tgt Ion:188 Resp: 3284

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

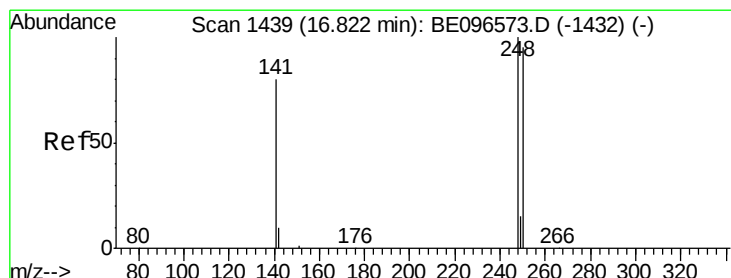
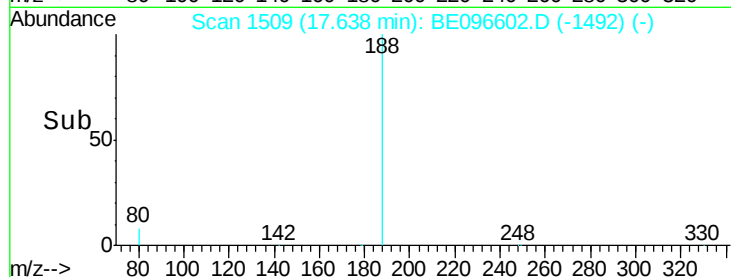
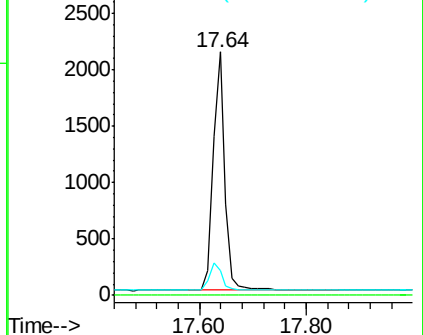
80 10.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.34 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

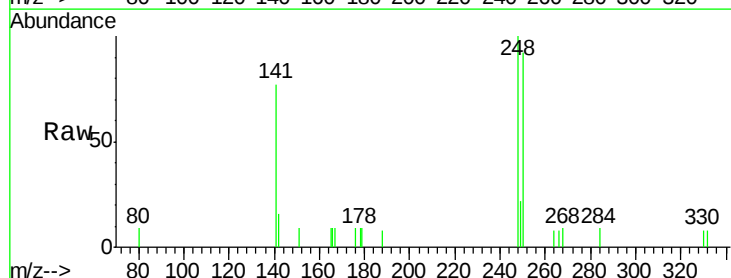
Tgt Ion:248 Resp: 683

Ion Ratio Lower Upper

248 100

250 91.9 62.7 94.1

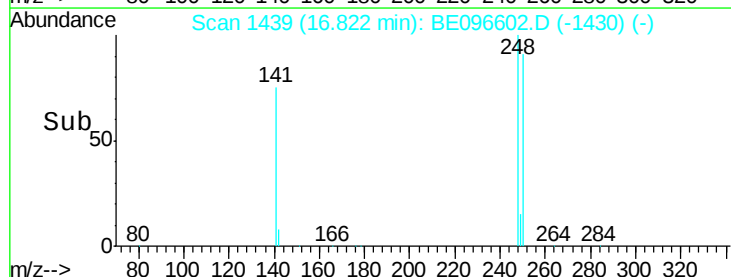
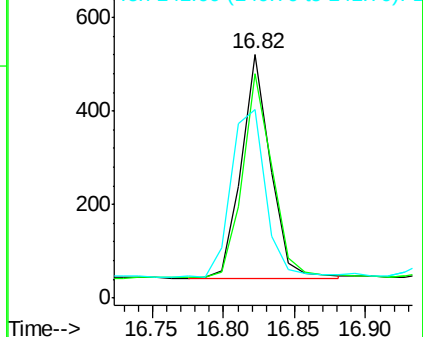
141 77.2 48.2 72.2#

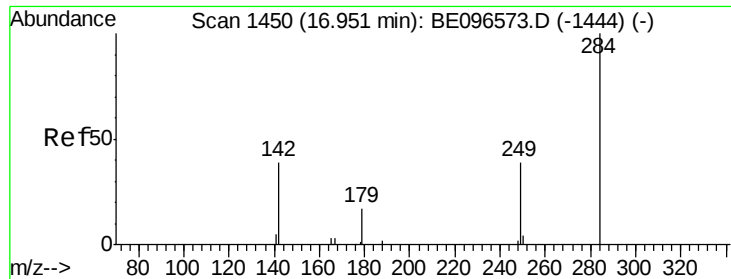


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.33 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

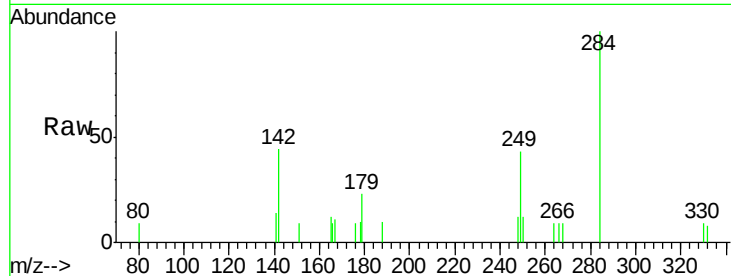
Tgt Ion: 284 Resp: 679

Ion Ratio Lower Upper

284 100

142 44.3 22.1 33.1#

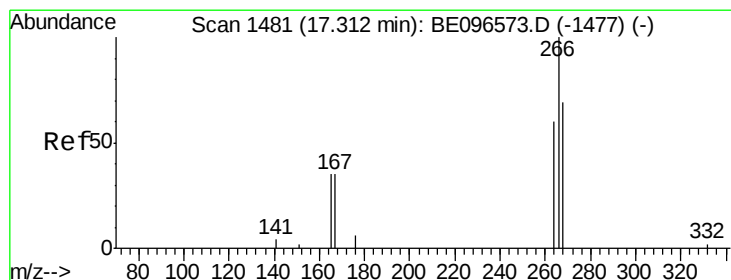
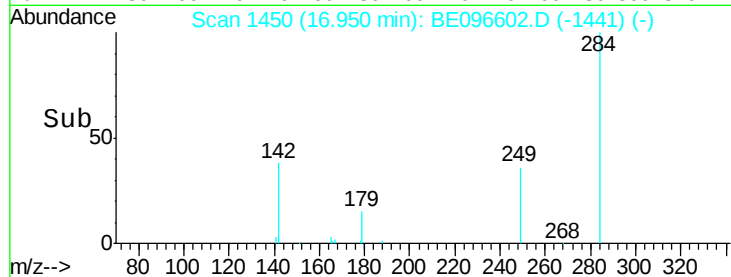
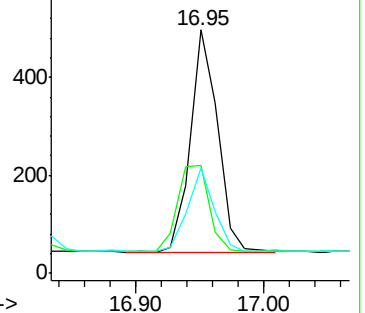
249 36.5 34.8 52.2



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



#22

Pentachlorophenol

Concen: 0.35 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

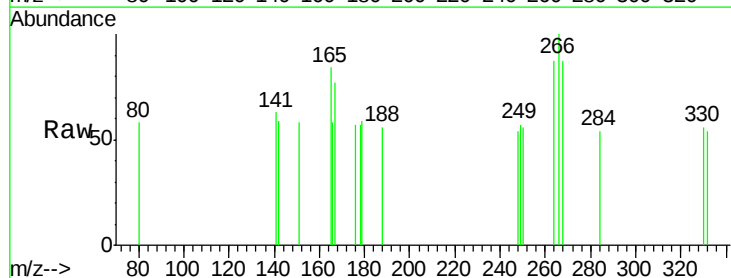
Tgt Ion: 266 Resp: 110

Ion Ratio Lower Upper

266 100

264 87.3 72.5 108.7

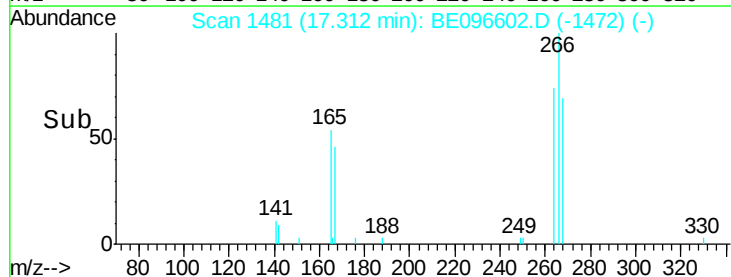
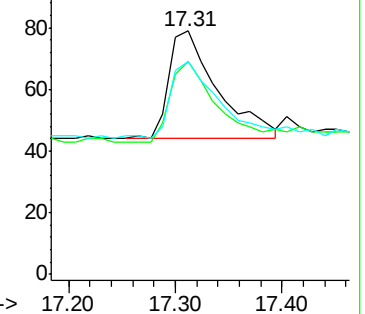
268 87.3 73.8 110.6

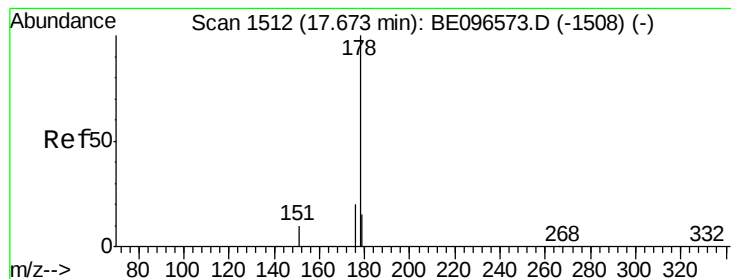


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.35 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

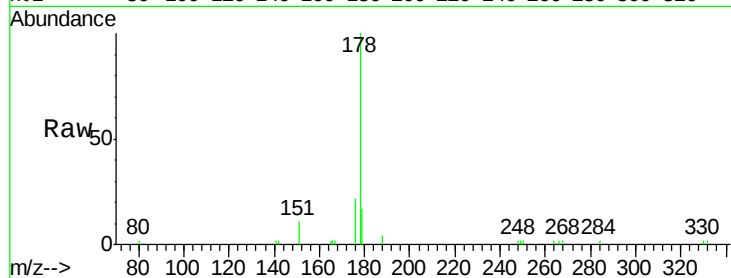
Tgt Ion:178 Resp: 3229

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

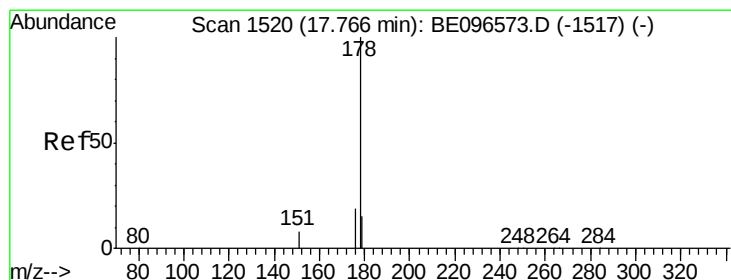
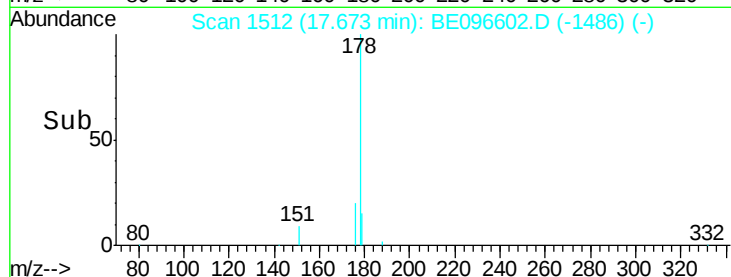
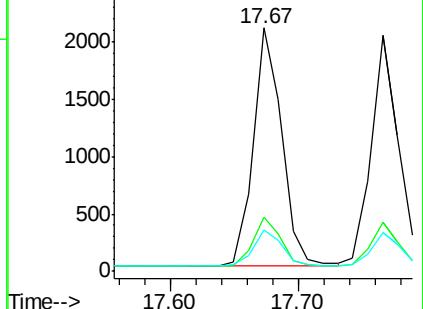
179 15.4 11.8 17.6



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: 0.35 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

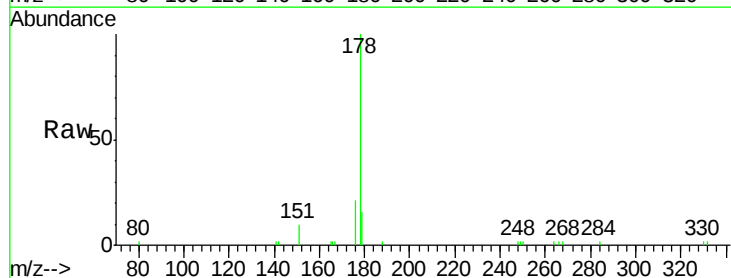
Tgt Ion:178 Resp: 3027

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

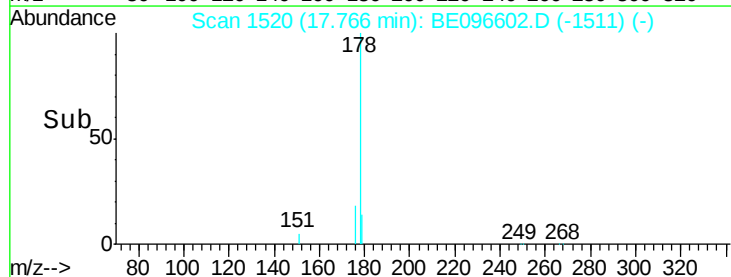
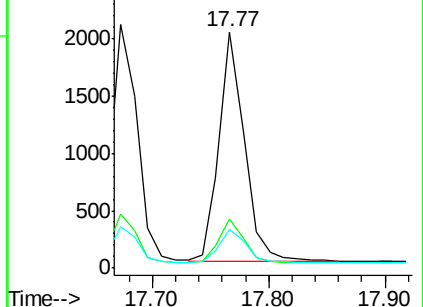
179 15.2 13.0 19.6

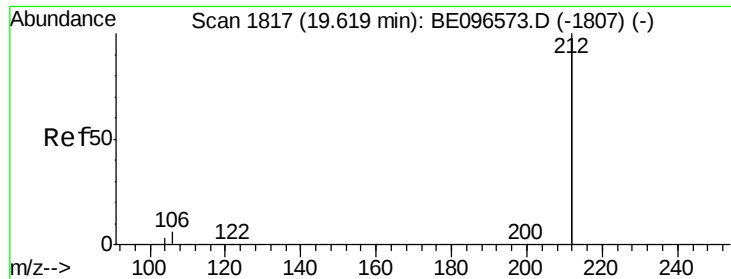


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

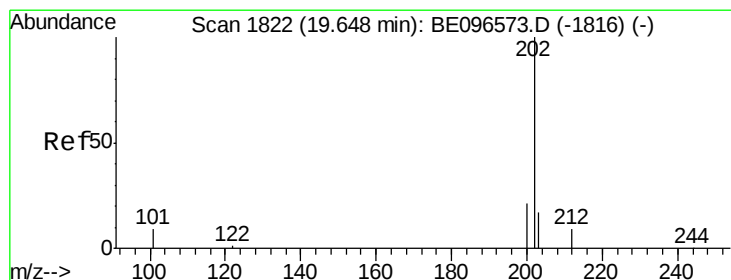
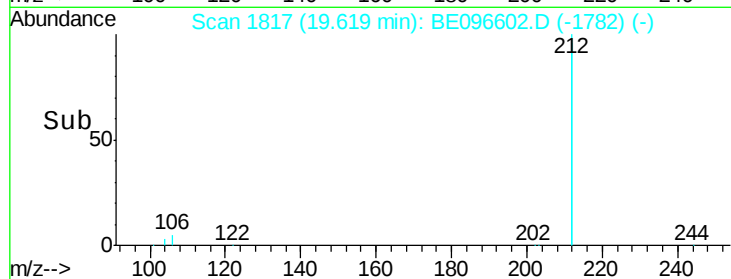
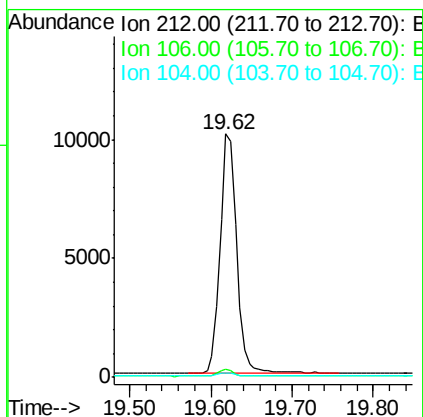
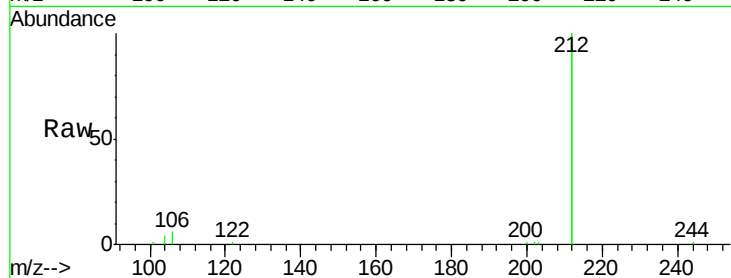




#25
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

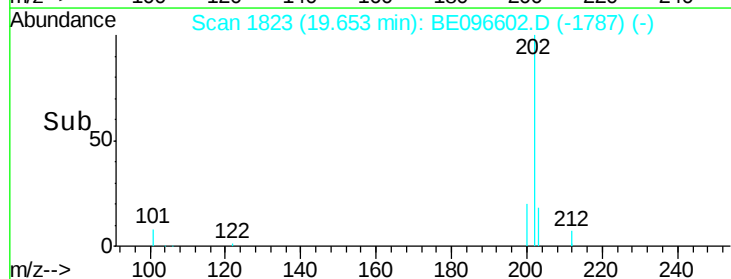
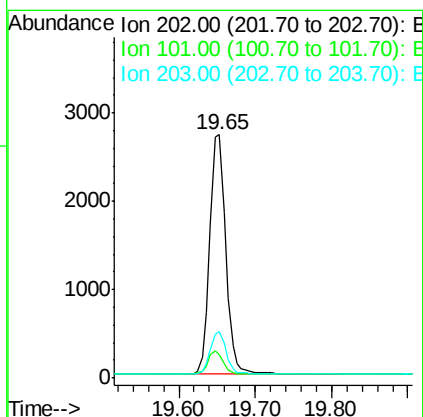
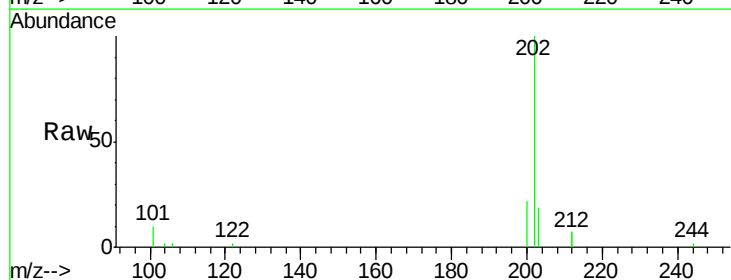
Instrument :
 BNA_E
 ClientSampleId :
 PB109399BS

Tgt Ion:212 Resp: 14307
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.8 4.2#
 104 1.6 1.6 2.4



#26
 Fluoranthene
 Concen: 0.36 ng
 RT: 19.65 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BE096602.D
 Acq: 17 May 2018 10:30

Tgt Ion:202 Resp: 3937
 Ion Ratio Lower Upper
 202 100
 101 9.4 9.8 14.8#
 203 17.4 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

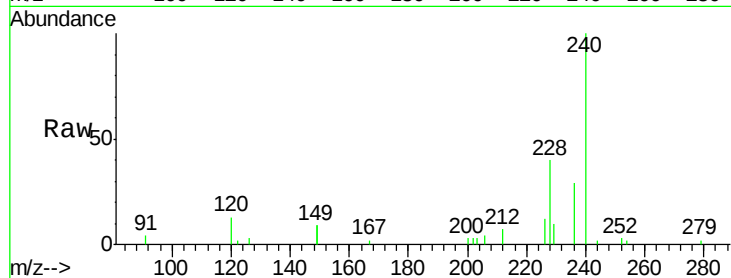
Tgt Ion:240 Resp: 3496

Ion Ratio Lower Upper

240 100

120 12.7 5.5 8.3#

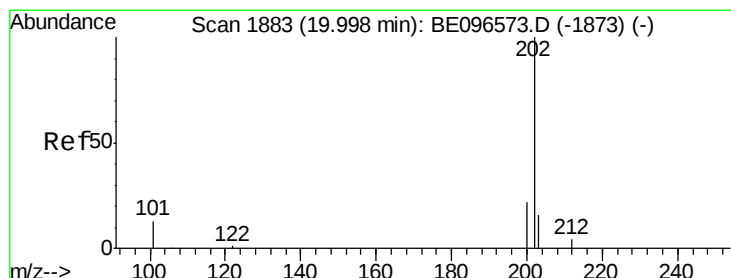
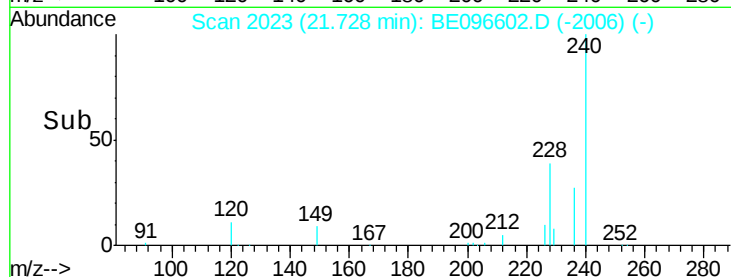
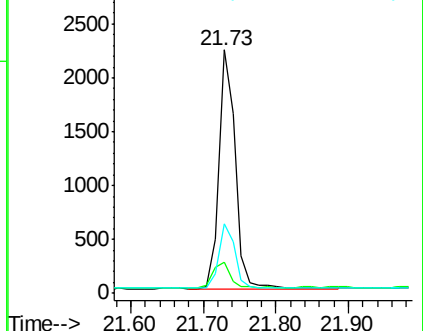
236 28.5 20.7 31.1



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: 0.29 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

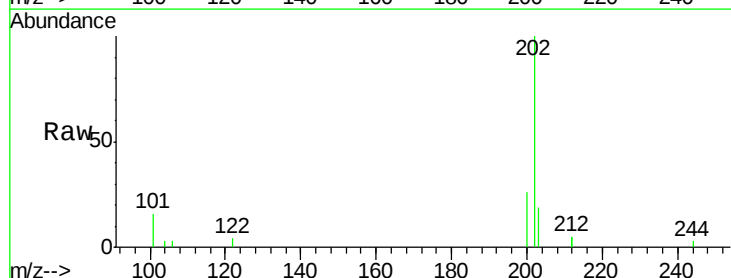
Tgt Ion:202 Resp: 1802

Ion Ratio Lower Upper

202 100

200 24.8 16.6 25.0

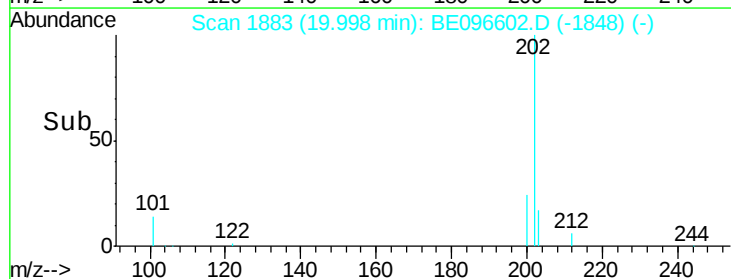
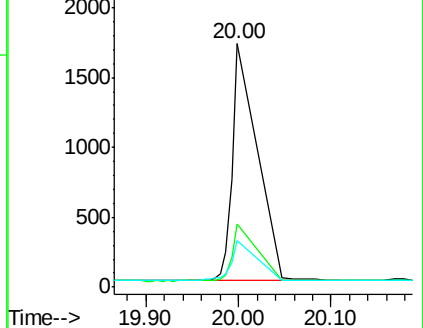
203 17.9 13.8 20.8



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: 0.33 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

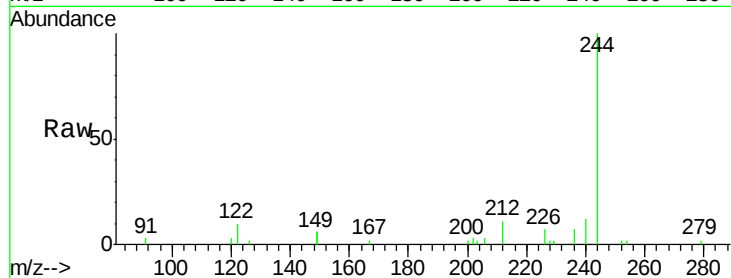
Tgt Ion:244 Resp: 2624

Ion Ratio Lower Upper

244 100

212 11.0 25.4 38.0#

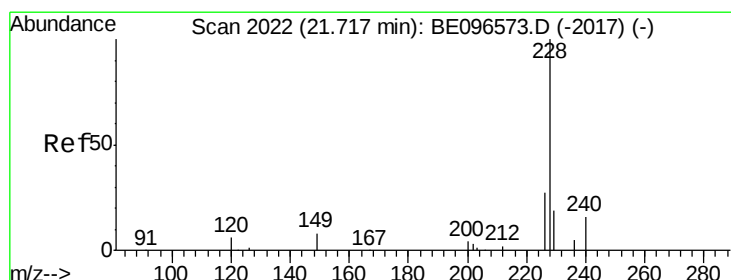
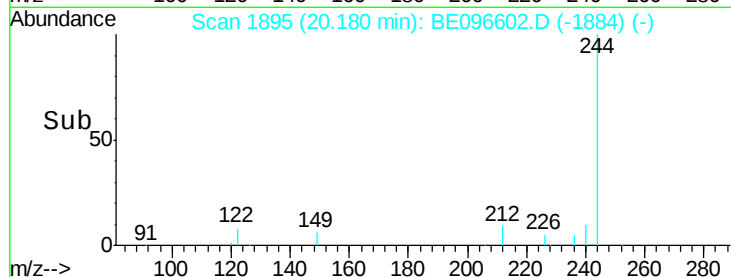
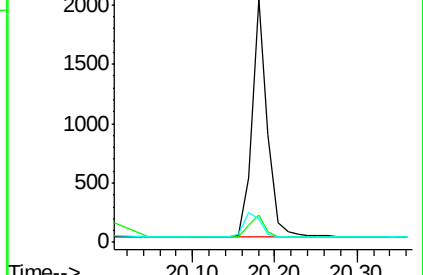
122 9.7 8.1 12.1



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: 0.35 ng

RT: 21.72 min Scan# 222

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

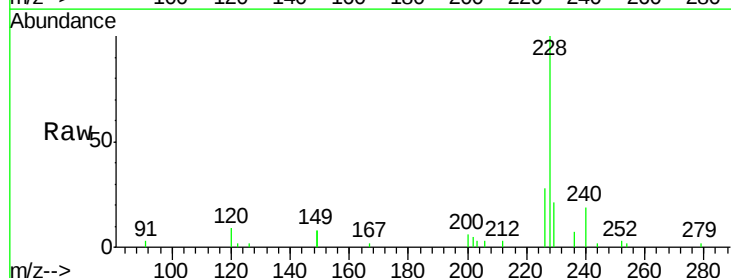
Tgt Ion:228 Resp: 3795

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

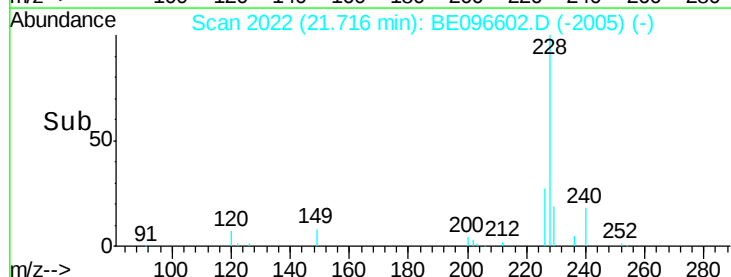
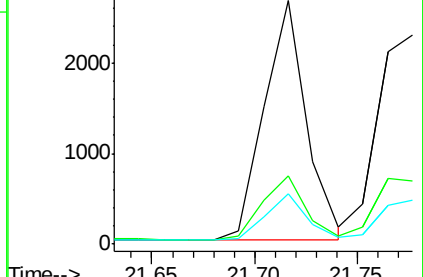
229 20.7 16.0 24.0

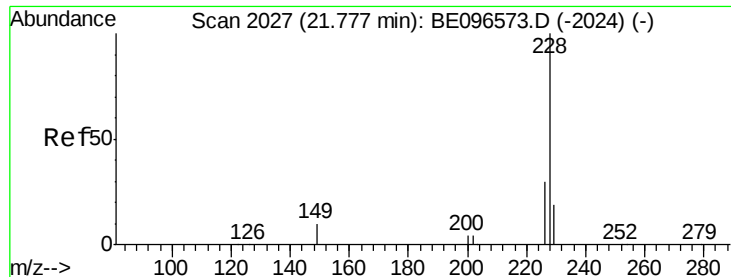


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.35 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

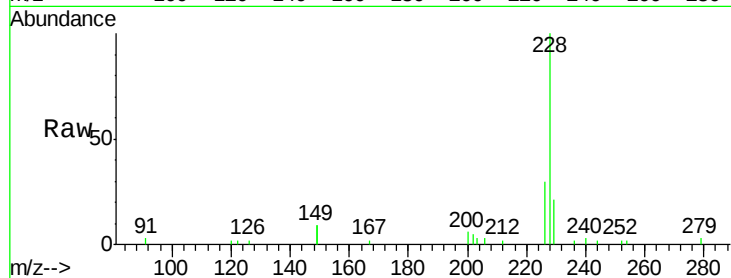
Tgt Ion:228 Resp: 3925

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

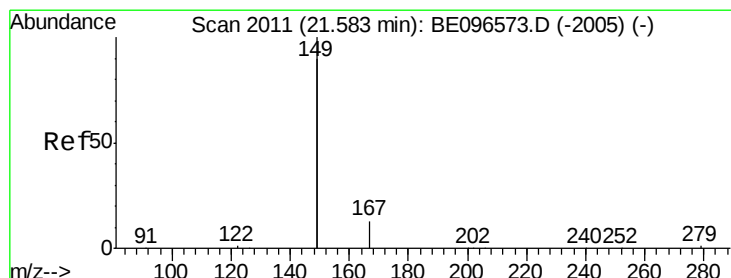
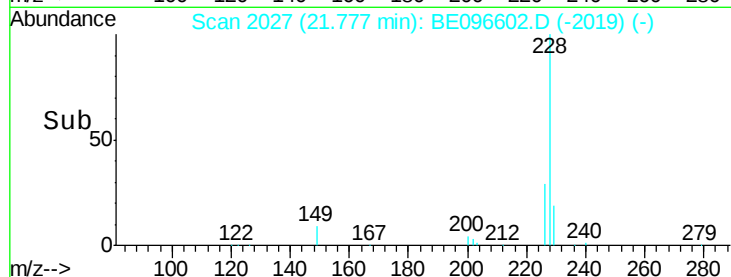
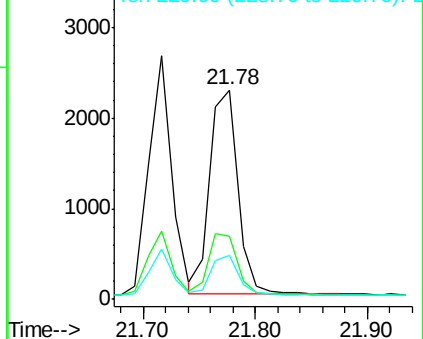
229 21.0 16.0 24.0



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: 0.29 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

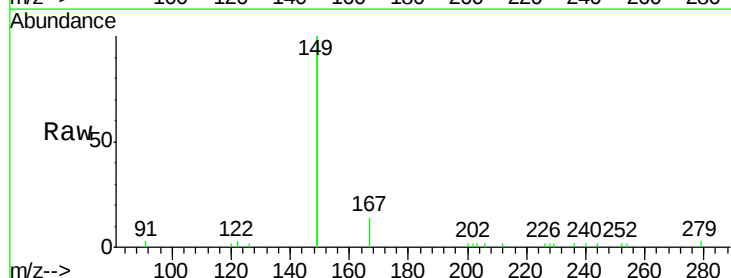
Tgt Ion:149 Resp: 6574

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

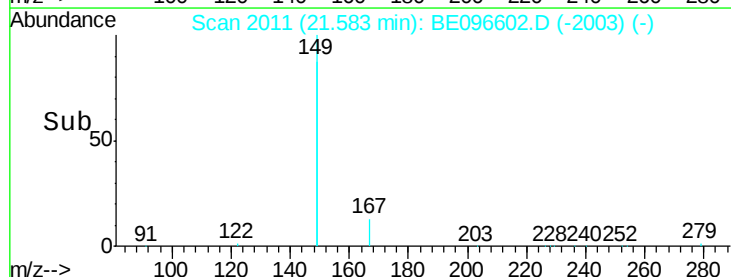
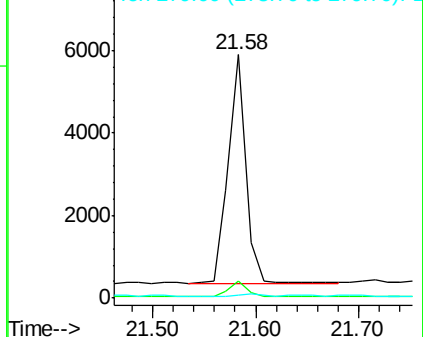
279 0.8 0.7 1.1



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: 0.38 ng

RT: 27.10 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

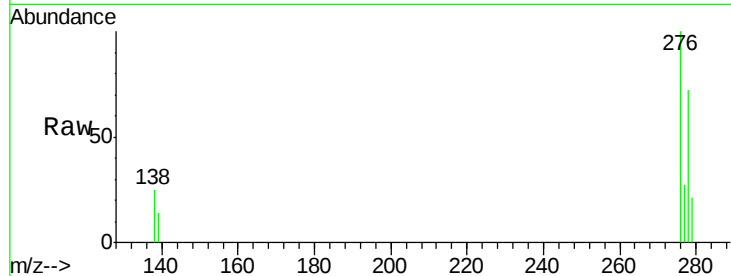
Tgt Ion:276 Resp: 4122

Ion Ratio Lower Upper

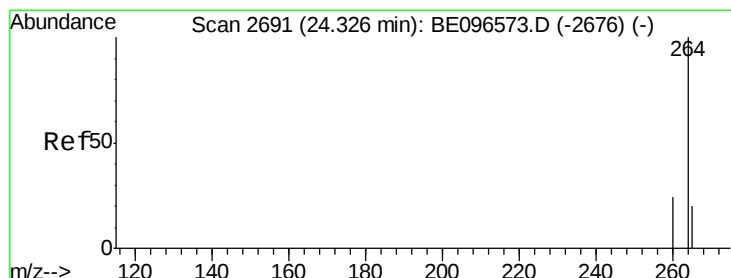
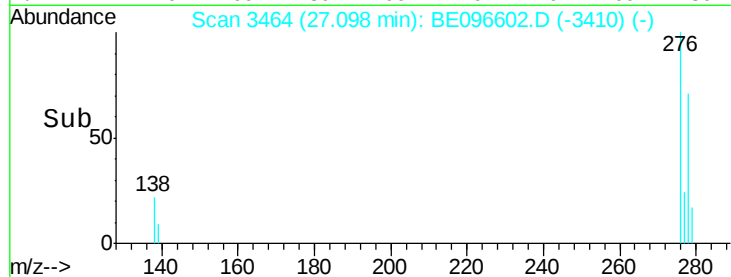
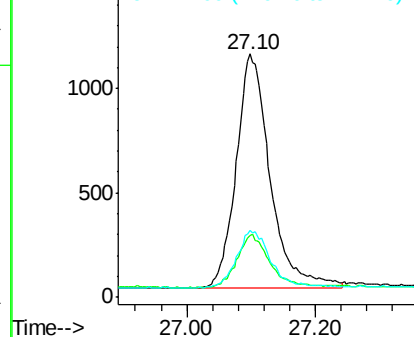
276 100

138 21.7 22.5 33.7#

277 24.0 19.9 29.9



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

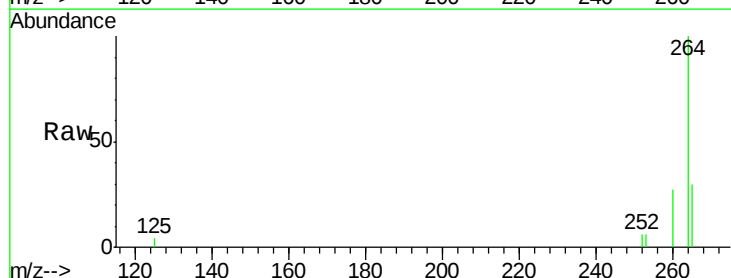
Tgt Ion:264 Resp: 3398

Ion Ratio Lower Upper

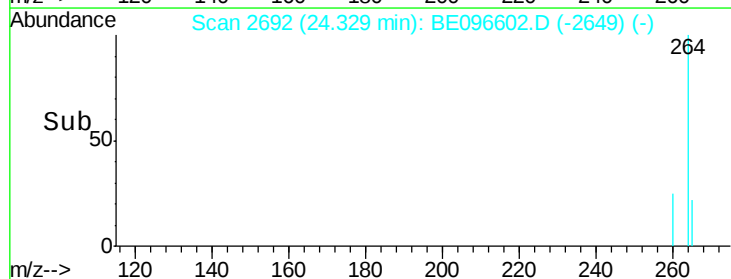
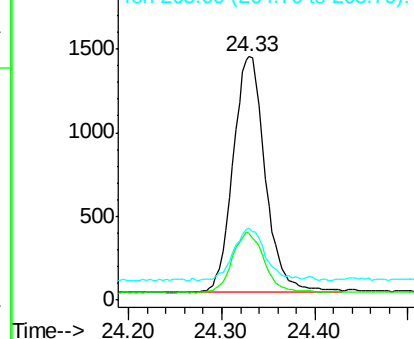
264 100

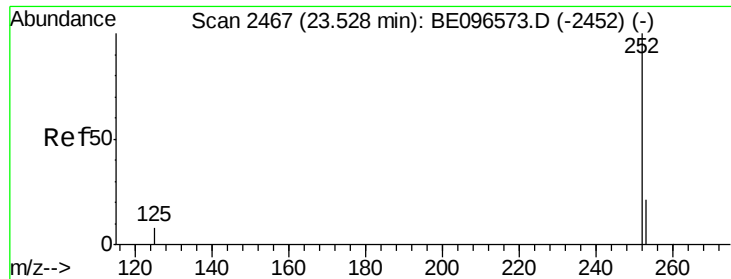
260 27.4 20.5 30.7

265 29.8 22.8 34.2



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





#35

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

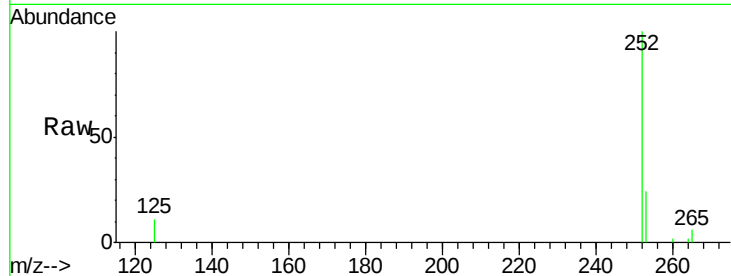
Tgt Ion:252 Resp: 3834

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

125 10.7 16.0 24.0#

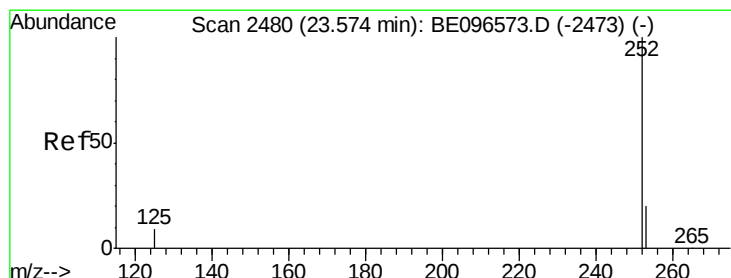
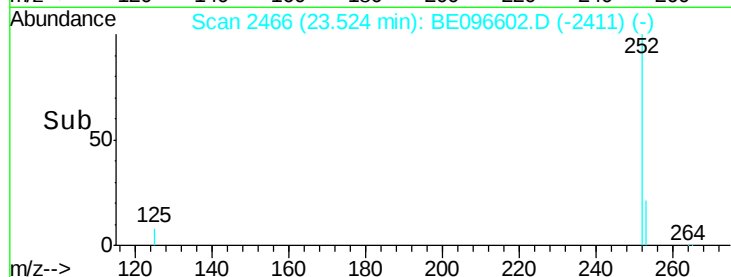
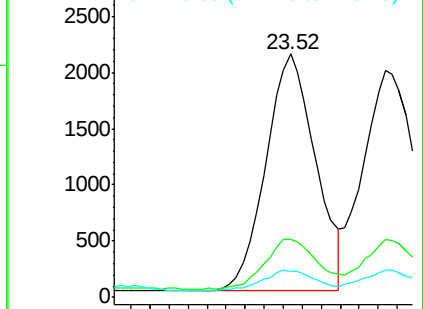


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.05 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

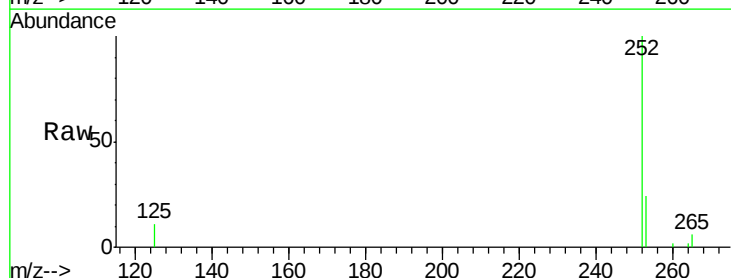
Tgt Ion:252 Resp: 3834

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

125 10.7 8.0 12.0

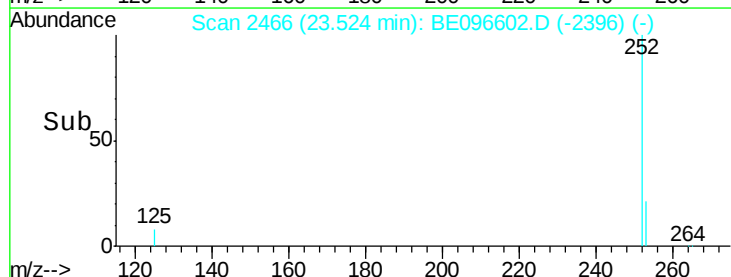
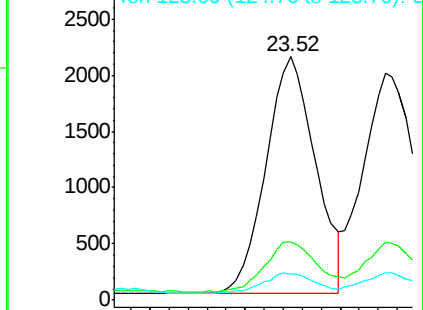


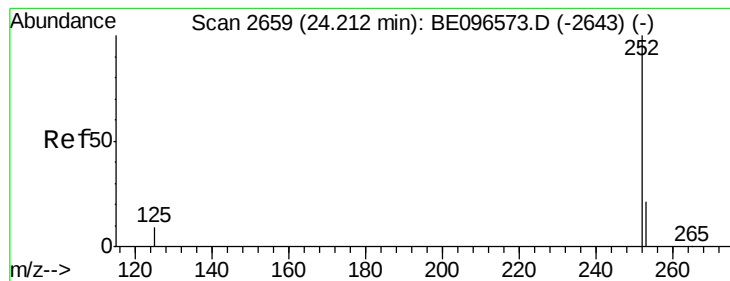
Abundance

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: 0.37 ng

RT: 24.22 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS

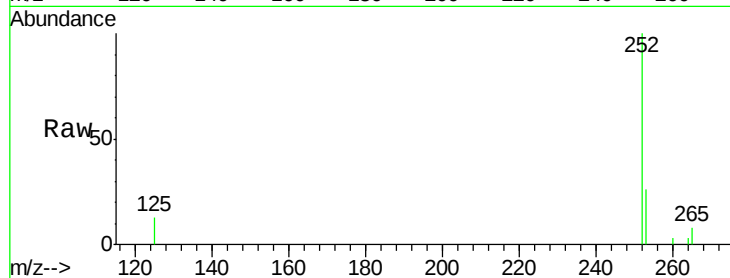
Tgt Ion:252 Resp: 3662

Ion Ratio Lower Upper

252 100

253 26.1 16.0 24.0#

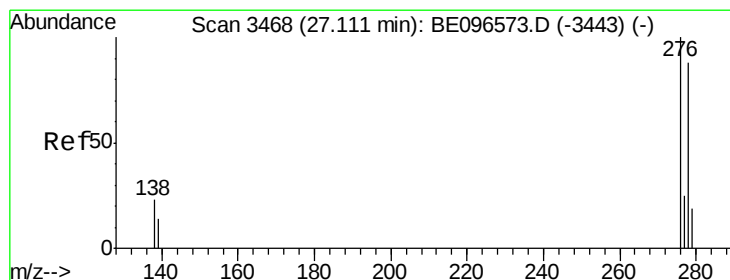
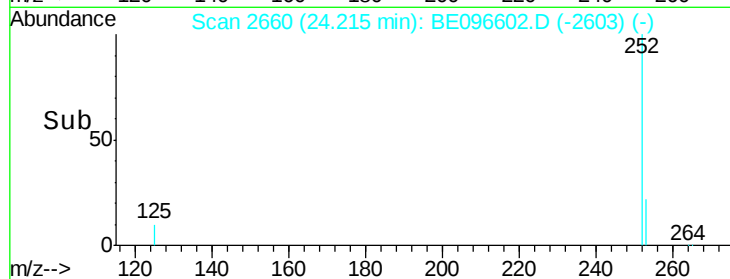
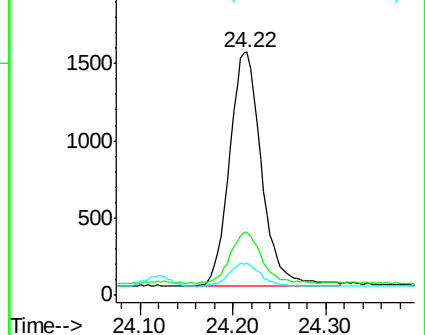
125 13.4 12.0 18.0



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: 0.36 ng

RT: 27.11 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BE096602.D

Acq: 17 May 2018 10:30

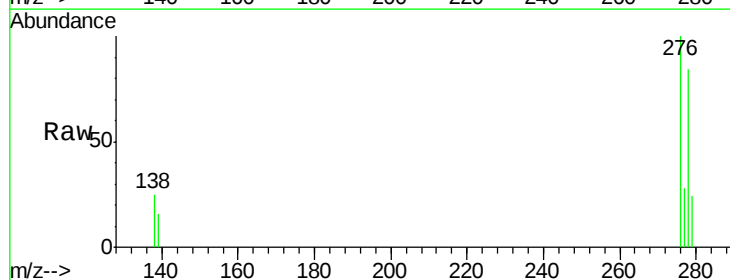
Tgt Ion:278 Resp: 3271

Ion Ratio Lower Upper

278 100

139 19.3 16.0 24.0

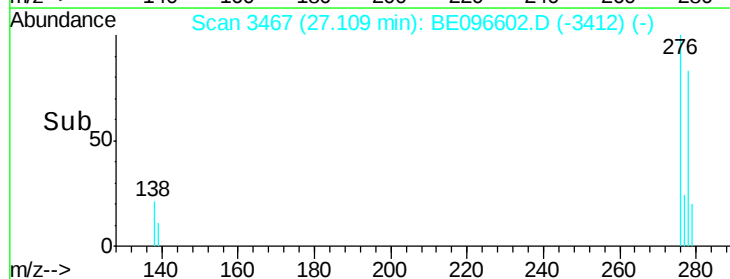
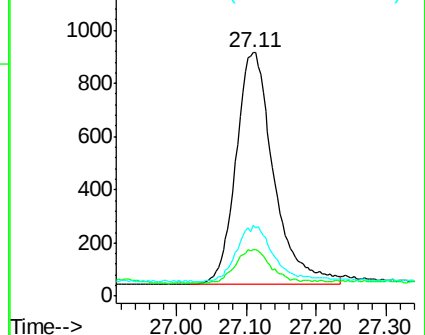
279 28.9 20.0 30.0

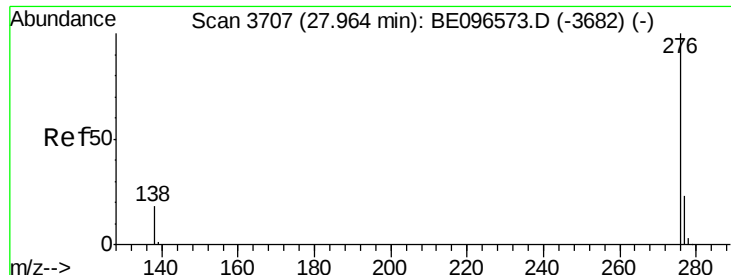


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.96 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BE096602.D

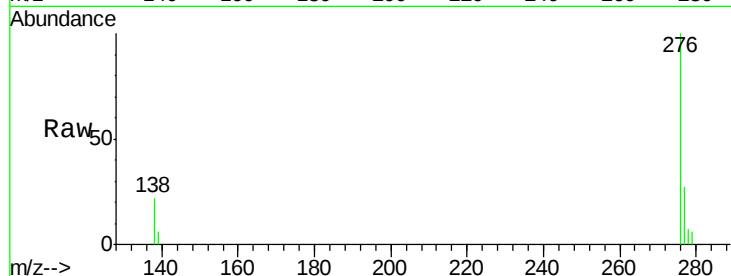
Acq: 17 May 2018 10:30

Instrument :

BNA_E

ClientSampleId :

PB109399BS



Tgt Ion: 276 Resp: 3518

Ion Ratio Lower Upper

276 100

277 27.0 16.0 24.0#

138 22.5 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

