

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051617\
 Data File : BE093052.D
 Acq On : 16 May 2017 14:15
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 18 00:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1249	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	5599	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2915	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	8018	0.40	ng	0.00
27) Chrysene-d12	21.28	240	8305	0.40	ng	0.00
34) Perylene-d12	23.69	264	7319	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1517	0.40	ng	0.00
5) Phenol-d6	6.92	99	2299	0.44	ng	0.00
8) Nitrobenzene-d5	8.88	82	2065	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	3305	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	421	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4552	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	8118	0.39	ng	0.00
29) Terphenyl-d14	19.74	244	6419	0.41	ng	0.00

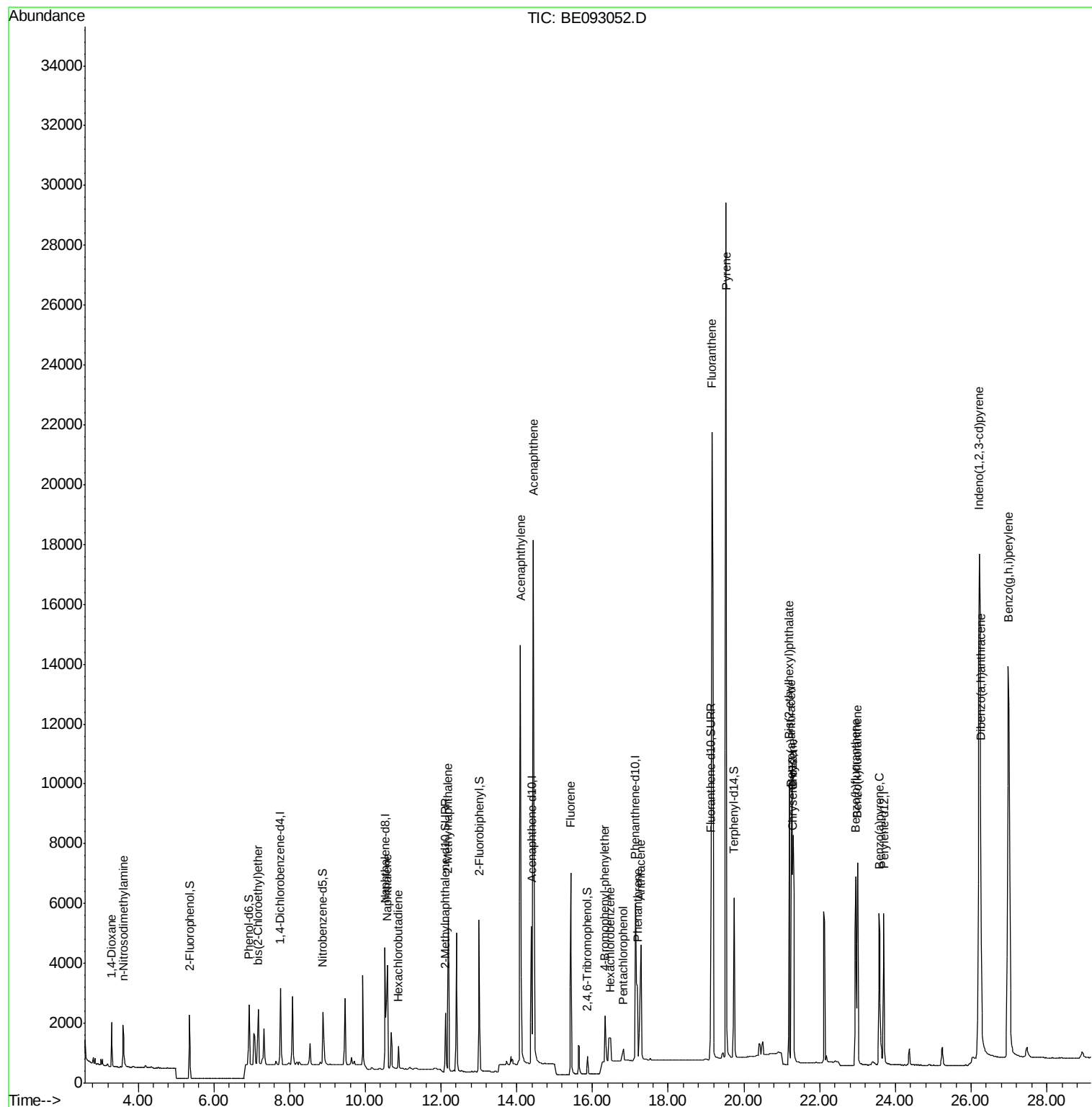
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	912	0.37	ng	97
3) n-Nitrosodimethylamine	3.61	42	933	0.41	ng	97
6) bis(2-Chloroethyl)ether	7.18	93	1784	0.42	ng	# 99
9) Naphthalene	10.58	128	5640	0.38	ng	98
10) Hexachlorobutadiene	10.87	225	771	0.40	ng	100
12) 2-Methylnaphthalene	12.19	142	3661	0.40	ng	97
16) Acenaphthylene	14.10	152	20857	0.41	ng	99
17) Acenaphthene	14.44	154	3576	0.39	ng	98
18) Fluorene	15.43	166	4411	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	918	0.37	ng	# 1
21) Hexachlorobenzene	16.47	284	1260	0.34	ng	# 100
22) Pentachlorophenol	16.82	266	502	0.53	ng	# 90
23) Phenanthrene	17.19	178	5962	0.34	ng	# 77
24) Anthracene	17.28	178	6289	0.37	ng	98
26) Fluoranthene	19.16	202	37164	0.38	ng	# 59
28) Pyrene	19.53	202	41209	0.41	ng	# 97
30) Benzo(a)anthracene	21.25	228	9497	0.42	ng	# 83
31) Chrysene	21.30	228	9324	0.39	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	8811	0.73	ng	95
33) Indeno(1,2,3-cd)pyrene	26.22	276	36560	0.41	ng	99
35) Benzo(b)fluoranthene	22.95	252	8783	0.38	ng	97
36) Benzo(k)fluoranthene	22.99	252	8628	0.37	ng	96
37) Benzo(a)pyrene	23.57	252	8115	0.38	ng	97
38) Dibenzo(a,h)anthracene	26.25	278	7899	0.40	ng	97
39) Benzo(g,h,i)perylene	26.99	276	32419	0.38	ng	97

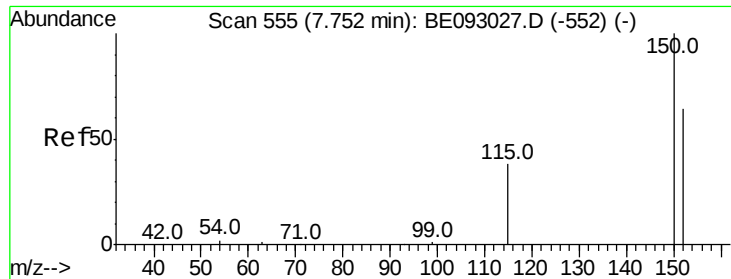
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_E
ClientSampled :

Quant Time: May 18 00:54:51 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

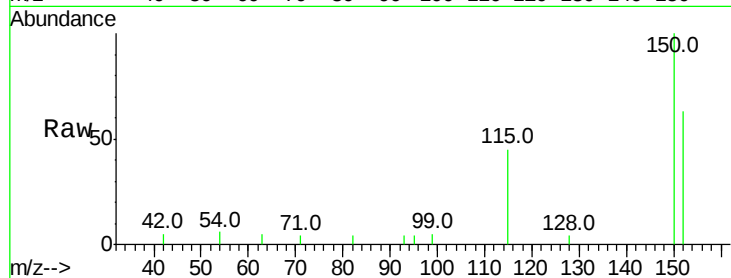
Tot Ion:152 Resp: 1249

Ion Ratio Lower Upper

152 100

150 159.2 125.1 187.7

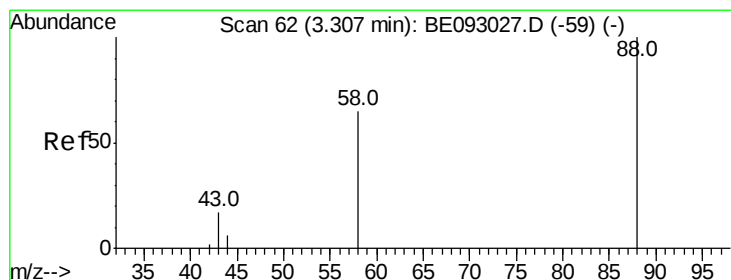
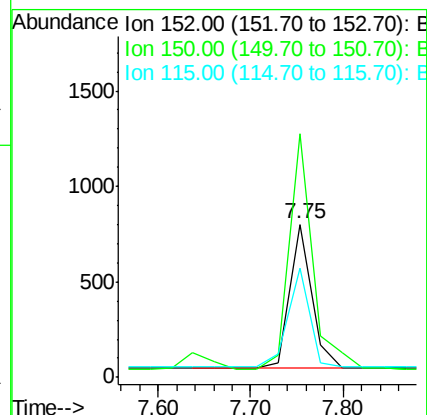
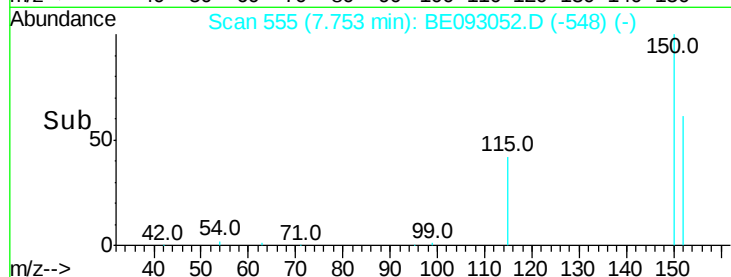
115 71.2 55.7 83.5



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: 0.37 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

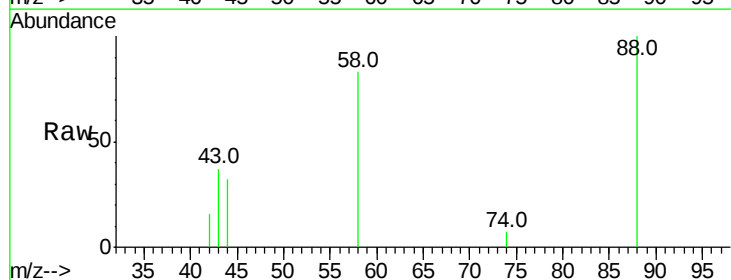
Tgt Ion: 88 Resp: 912

Ion Ratio Lower Upper

88 100

58 79.3 62.2 93.4

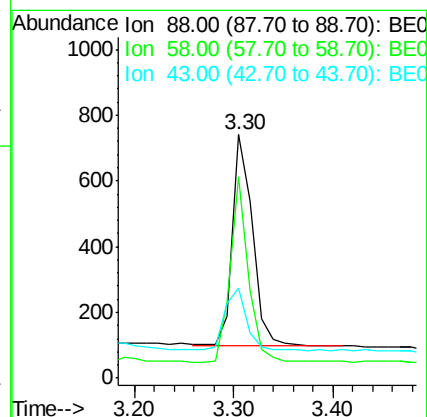
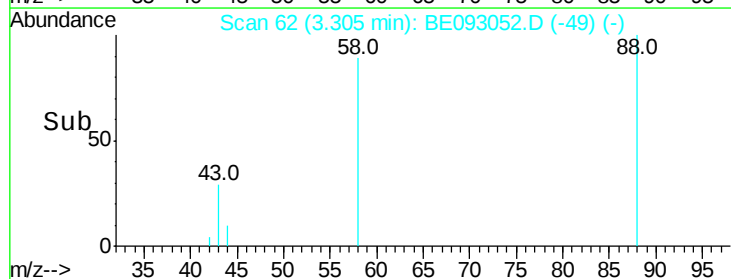
43 32.8 23.2 34.8

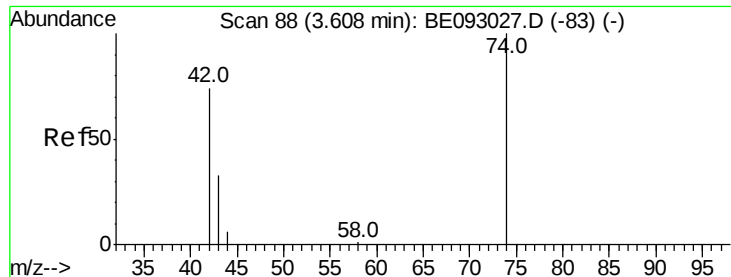


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



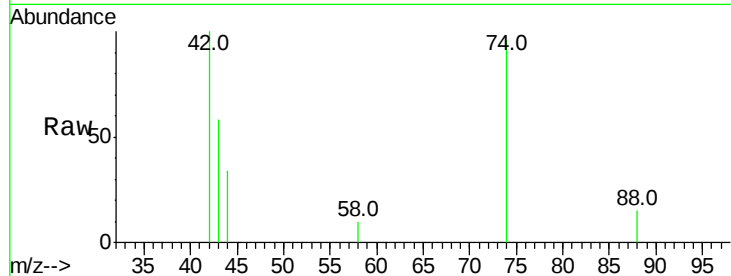


#3

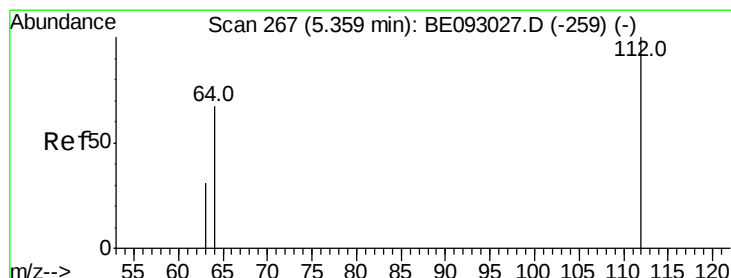
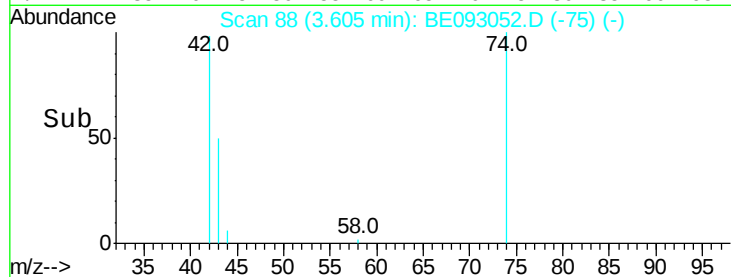
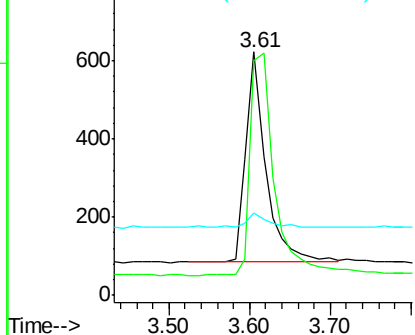
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 933
Ion Ratio Lower Upper
42 100
74 126.9 99.1 148.7
44 7.8 7.4 11.2



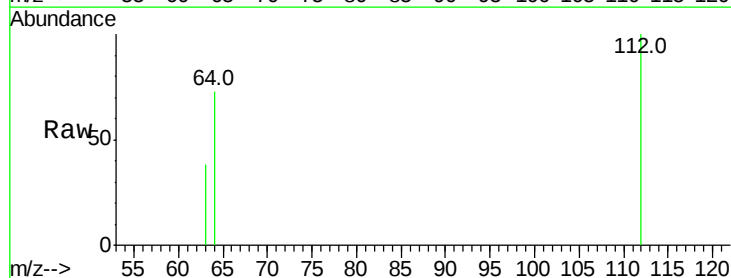
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



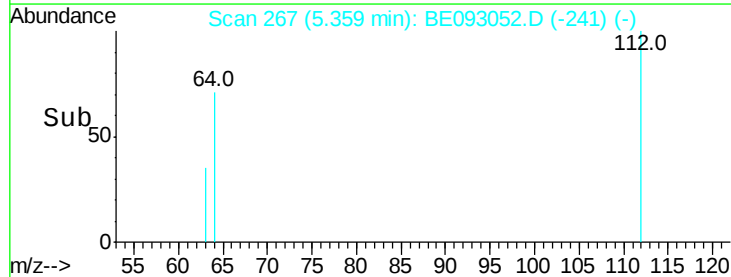
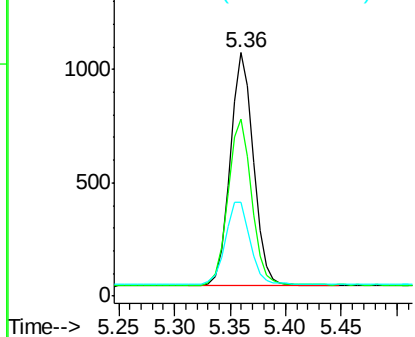
#4

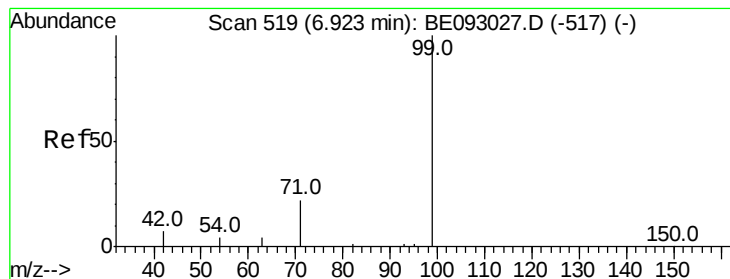
2-Fluorophenol
Concen: 0.40 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Tgt Ion: 112 Resp: 1517
Ion Ratio Lower Upper
112 100
64 72.1 56.4 84.6
63 36.8 29.3 43.9



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: 0.44 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

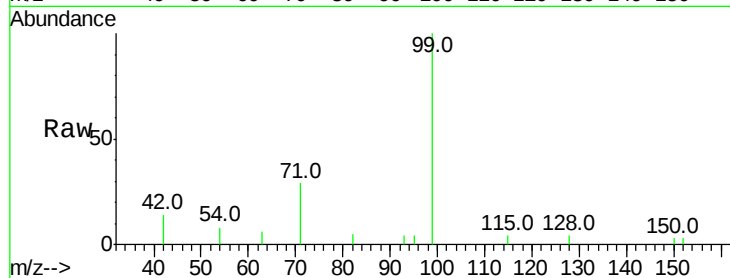
Tot Ion: 99 Resp: 2299

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

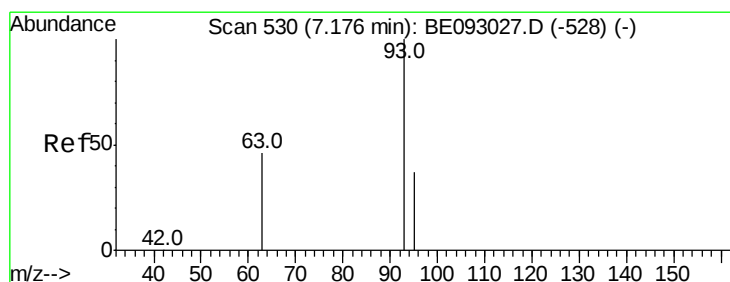
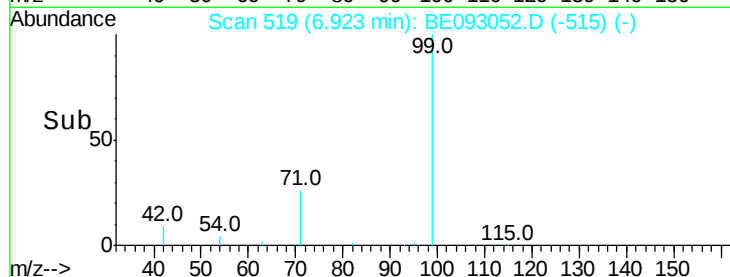
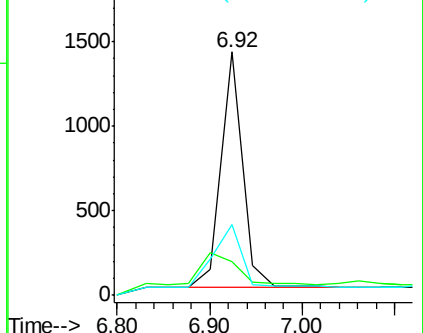
71 33.6 0.0 0.0#



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: 0.42 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

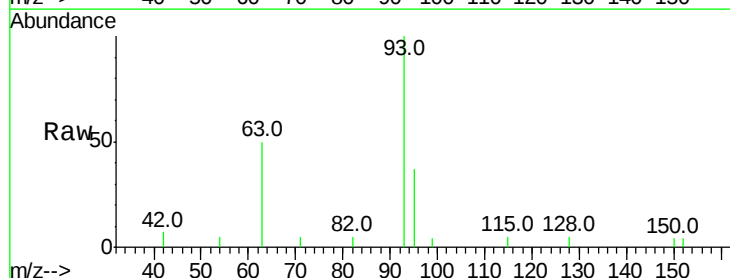
Tgt Ion: 93 Resp: 1784

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

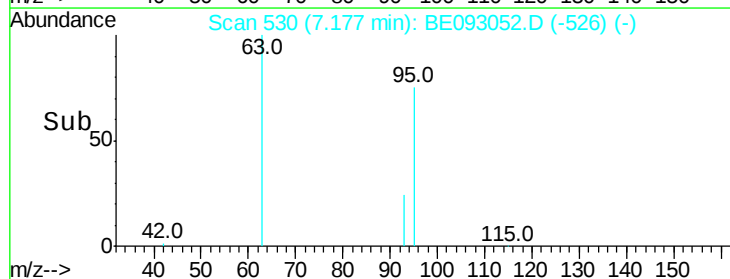
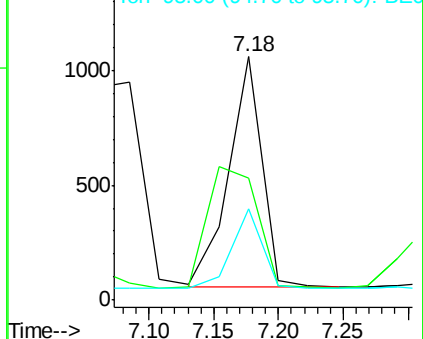
95 32.1 25.4 38.0

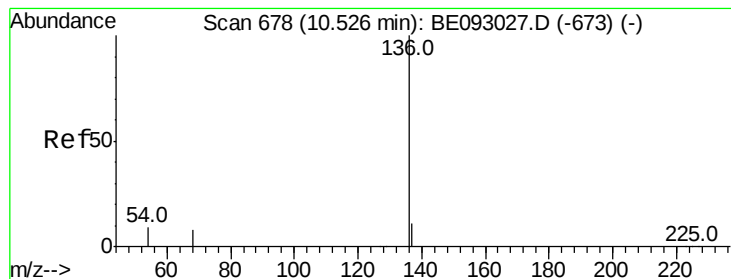


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5599

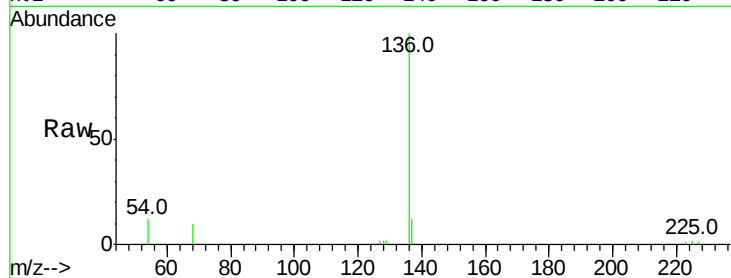
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 11.9 10.3 15.5

68 10.4 9.0 13.4

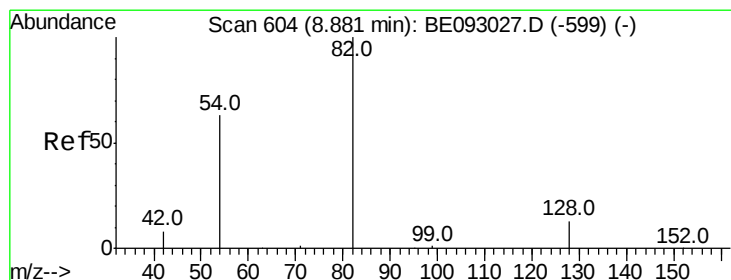
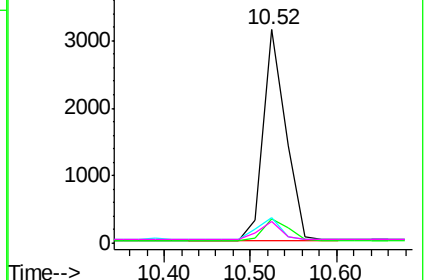
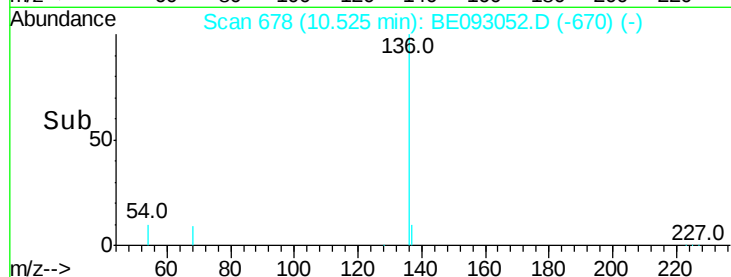


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.42 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

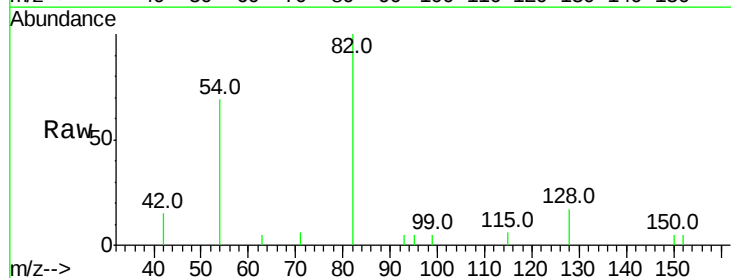
Tgt Ion: 82 Resp: 2065

Ion Ratio Lower Upper

82 100

128 16.8 17.0 25.4#

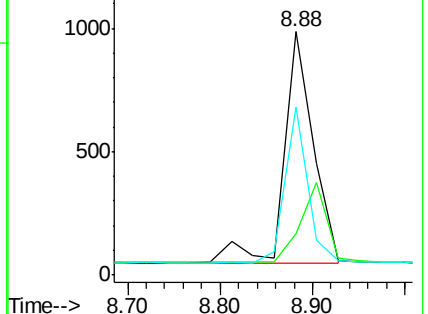
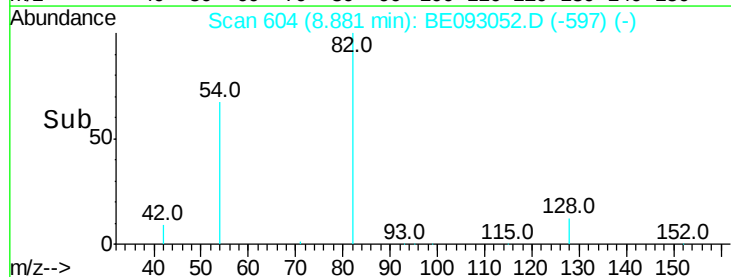
54 68.8 53.8 80.6

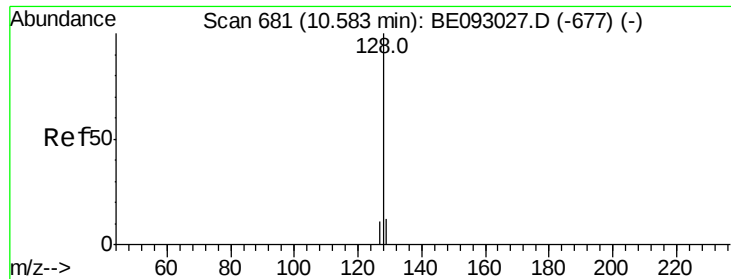


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

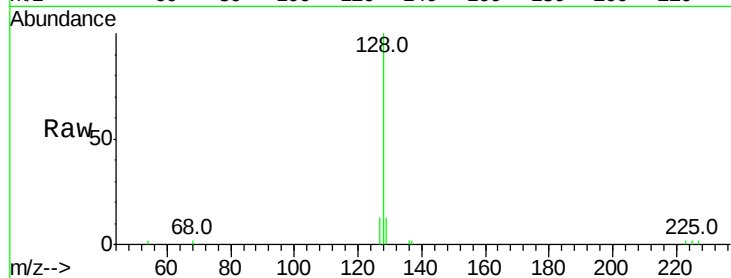
Tot Ion:128 Resp: 5640

Ion Ratio Lower Upper

128 100

129 13.4 11.4 17.0

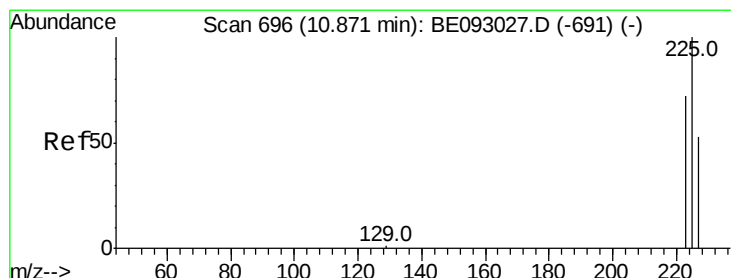
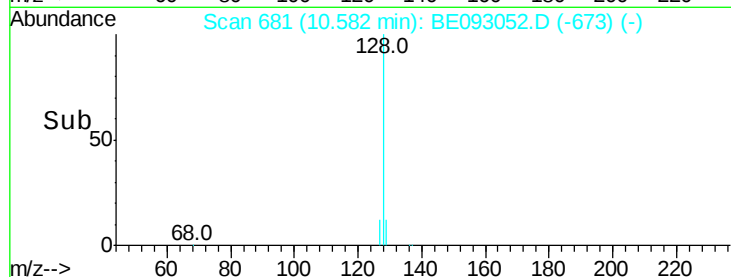
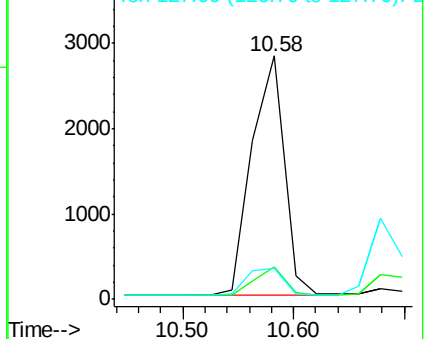
127 13.0 11.2 16.8



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: 0.40 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

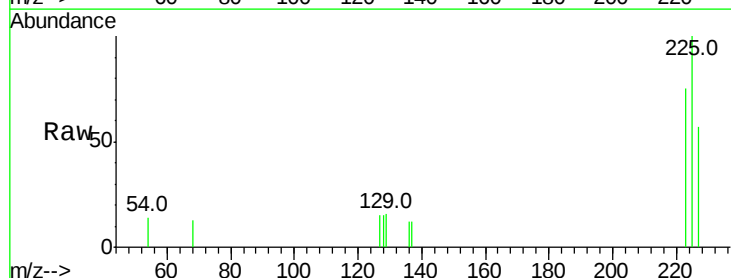
Tgt Ion:225 Resp: 771

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

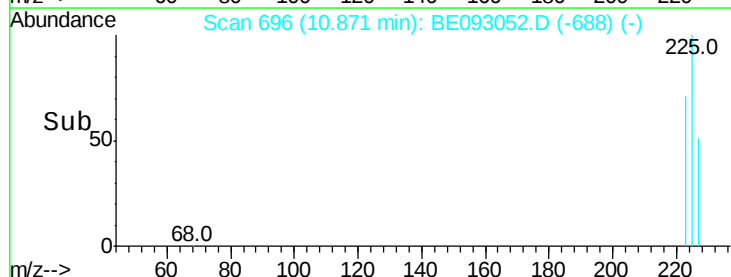
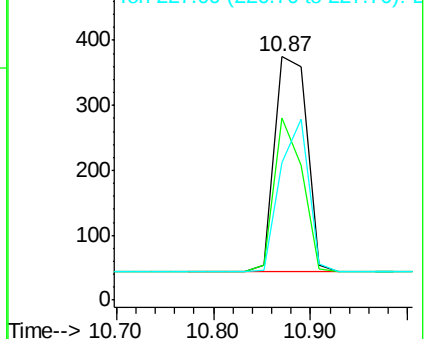
227 62.5 50.3 75.5



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

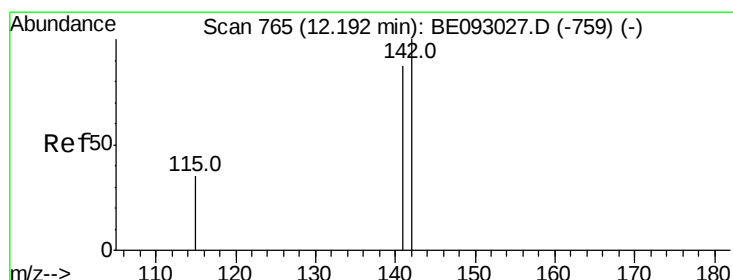
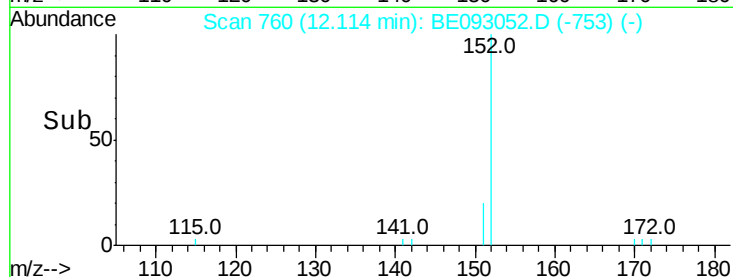
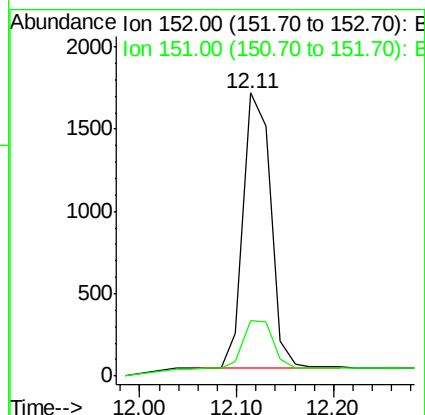
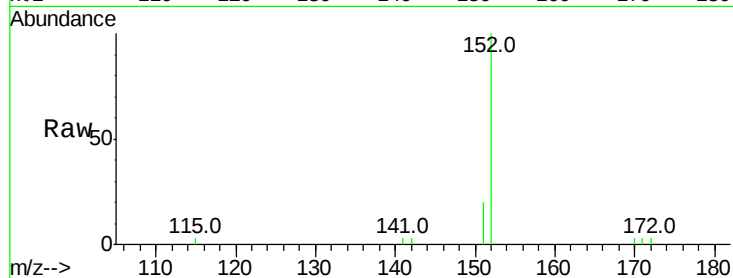




#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

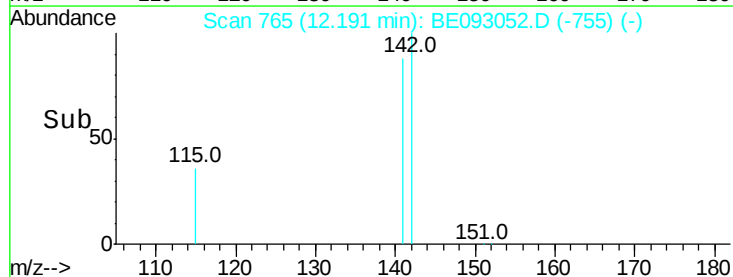
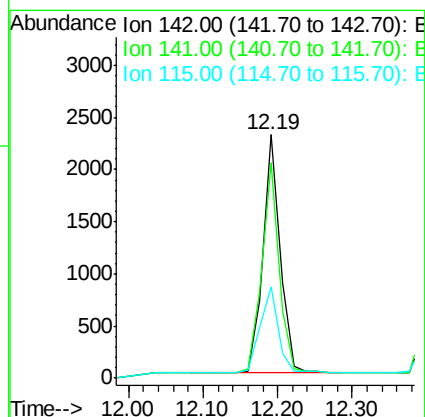
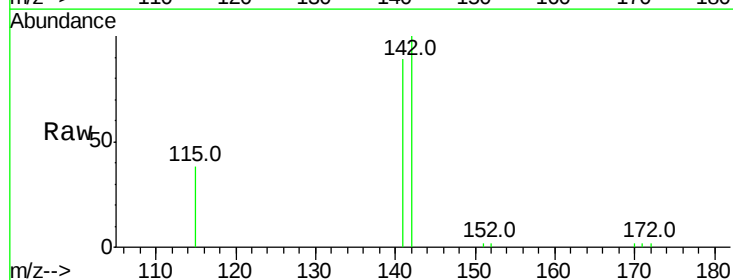
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3305
Ion Ratio Lower Upper
152 100
151 19.4 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Tgt Ion:142 Resp: 3661
Ion Ratio Lower Upper
142 100
141 88.6 72.6 108.8
115 37.7 32.2 48.2

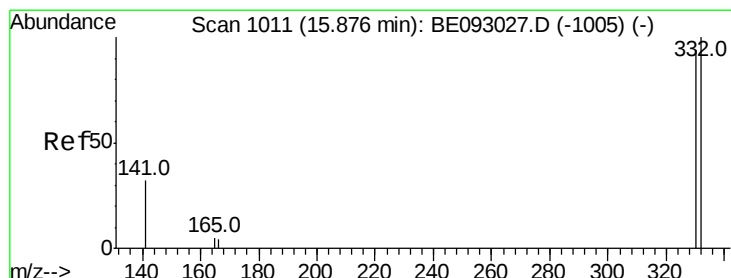
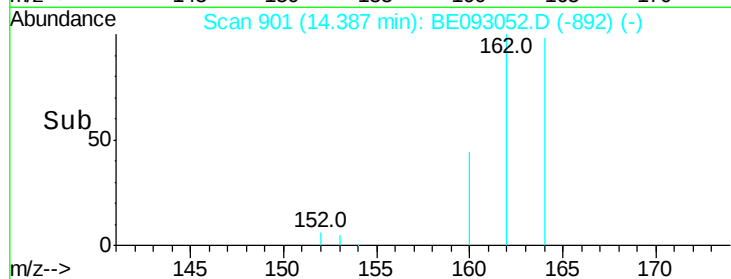
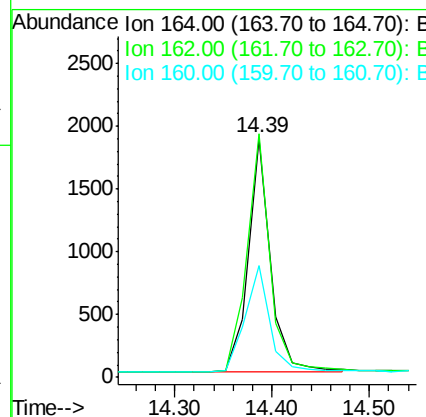
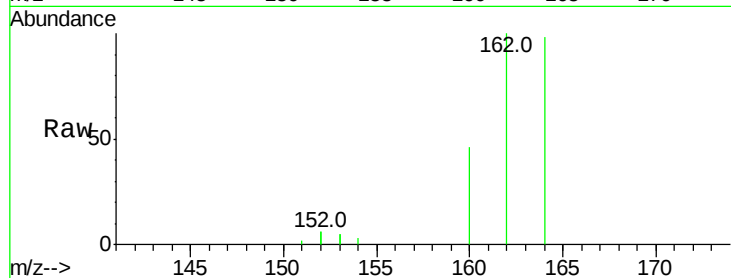




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

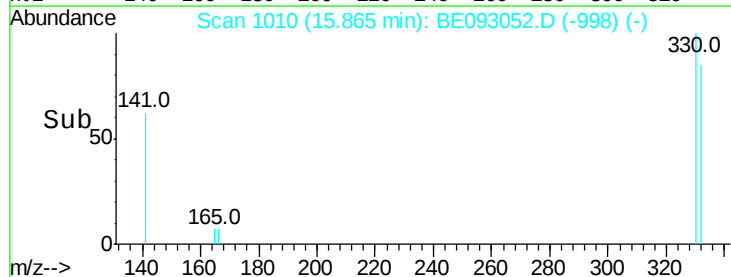
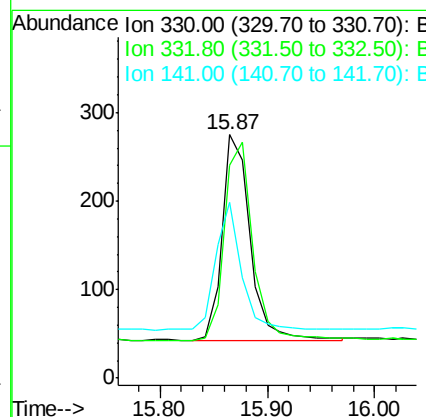
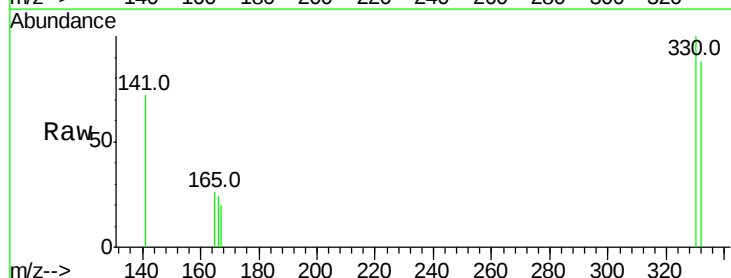
Instrument :
BNA_E
ClientSampleId :

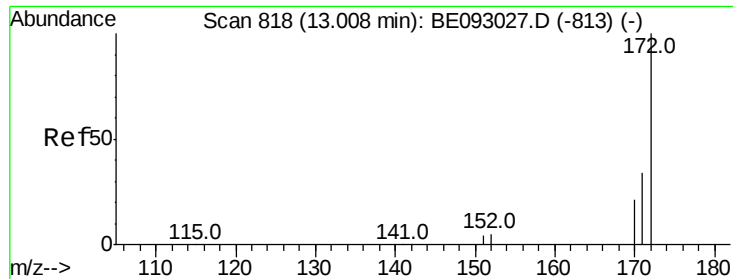
Tot Ion:164 Resp: 2915
Ion Ratio Lower Upper
164 100
162 101.8 84.6 127.0
160 46.6 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Tgt Ion:330 Resp: 421
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 59.1 56.2 84.4

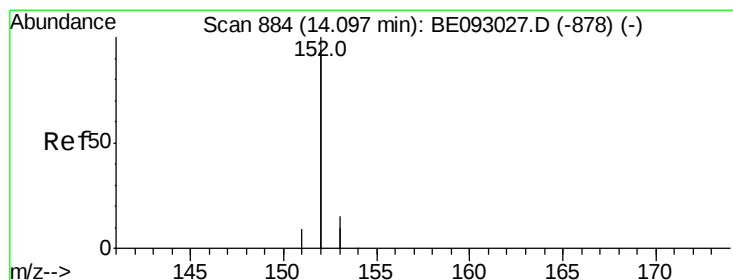
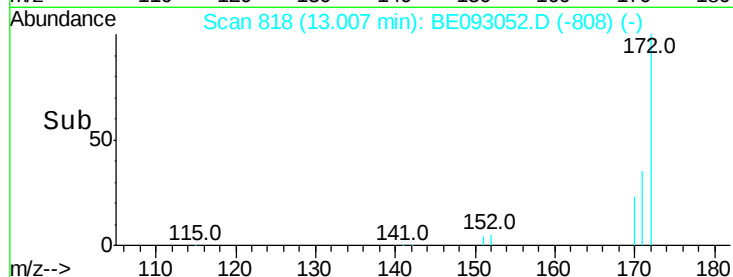
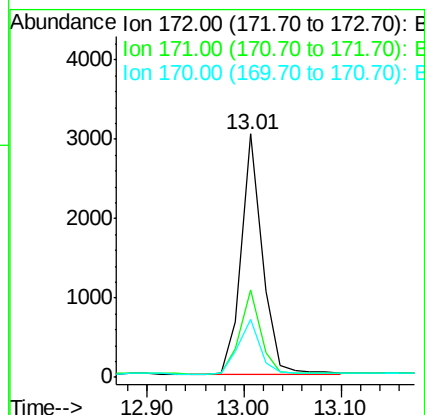
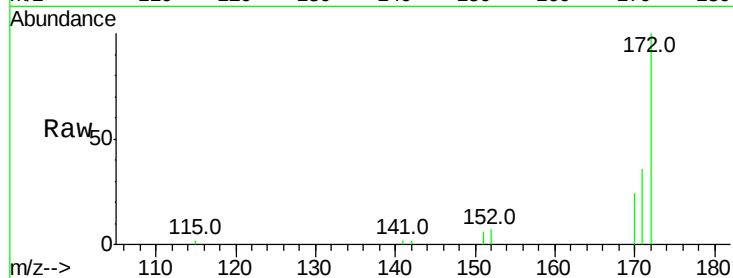




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

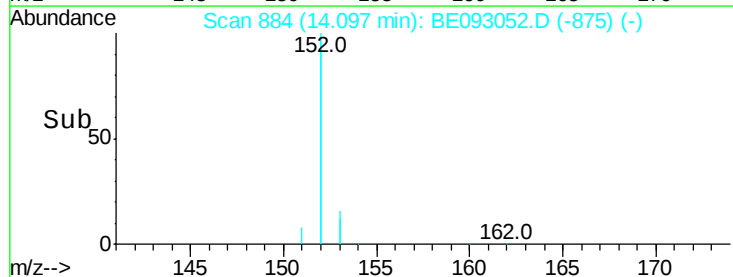
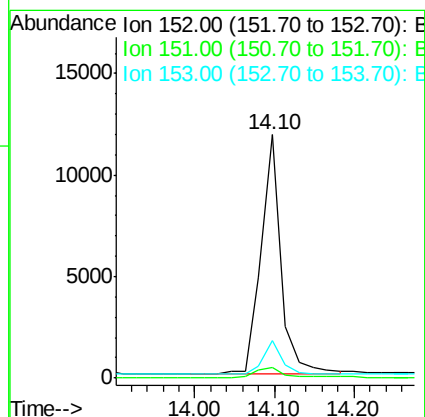
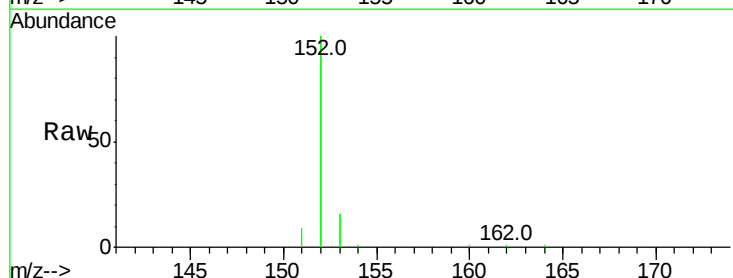
Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4552
Ion Ratio Lower Upper
172 100
171 35.7 29.8 44.6
170 23.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Tgt Ion:152 Resp: 20857
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.5 10.3 15.5





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

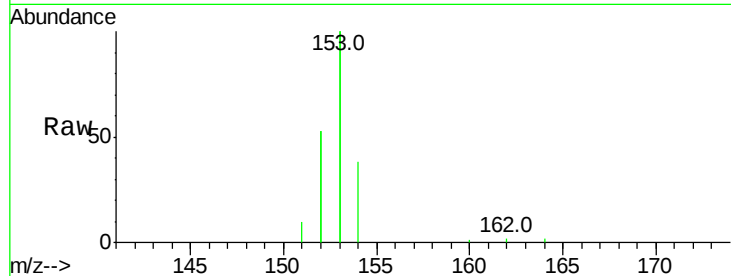
Tot Ion:154 Resp: 3576

Ion Ratio Lower Upper

154 100

153 463.2 367.8 551.6

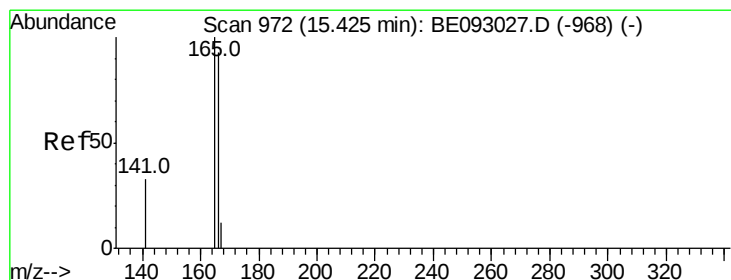
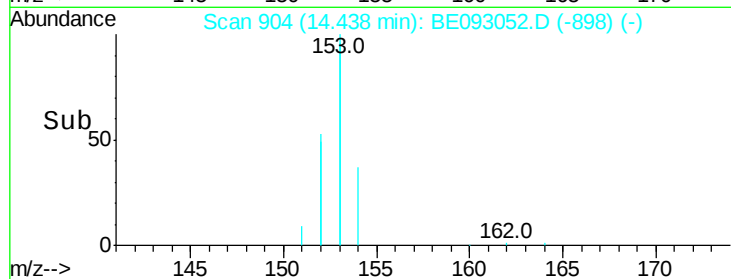
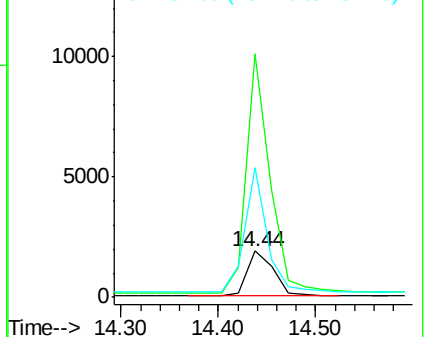
152 229.0 188.2 282.2



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: 0.39 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

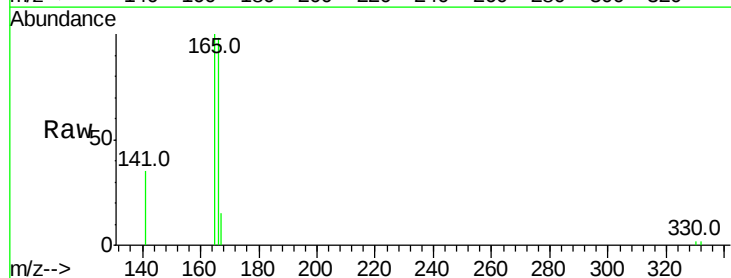
Tgt Ion:166 Resp: 4411

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

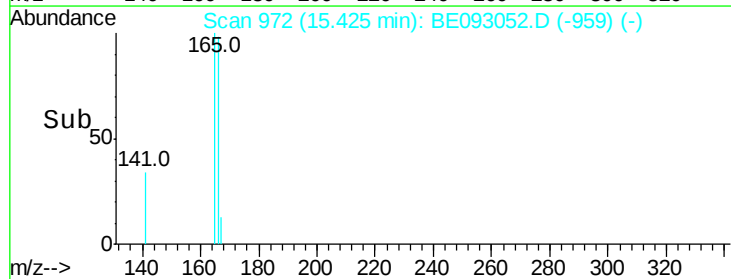
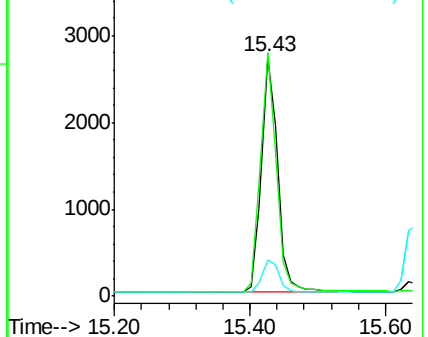
167 14.3 11.1 16.7

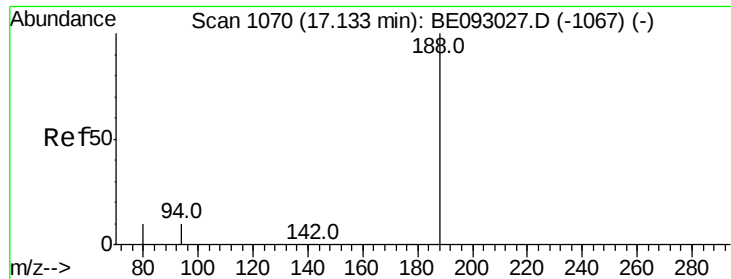


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampled :

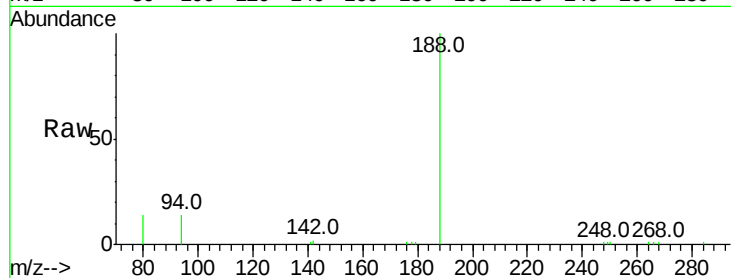
Tot Ion:188 Resp: 8018

Ion Ratio Lower Upper

188 100

94 14.1 11.3 16.9

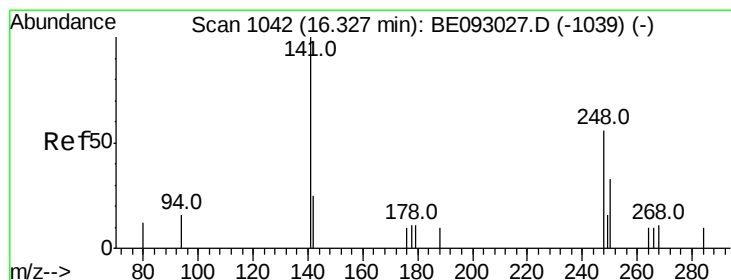
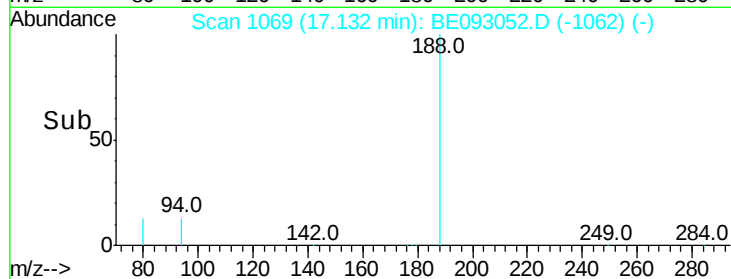
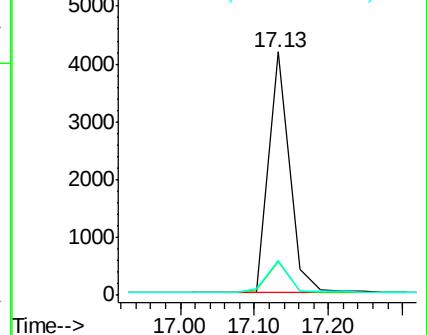
80 14.2 11.7 17.5



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: 0.37 ng

RT: 16.33 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

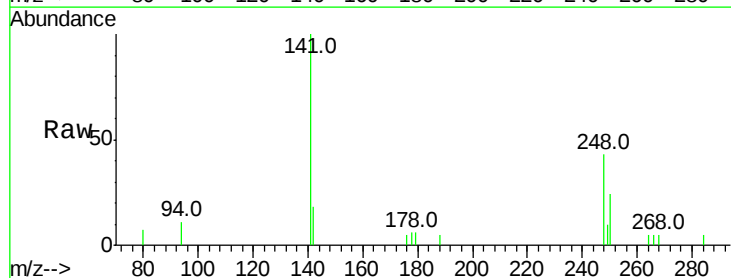
Tgt Ion:248 Resp: 918

Ion Ratio Lower Upper

248 100

250 55.7 100.0 150.0#

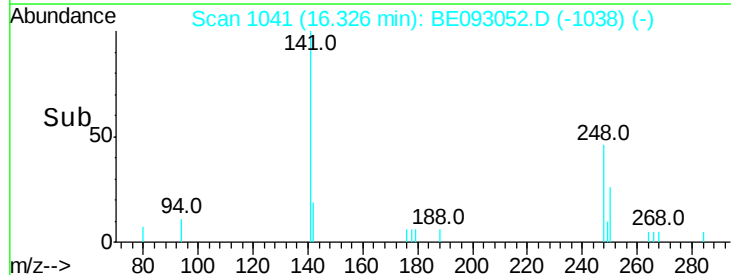
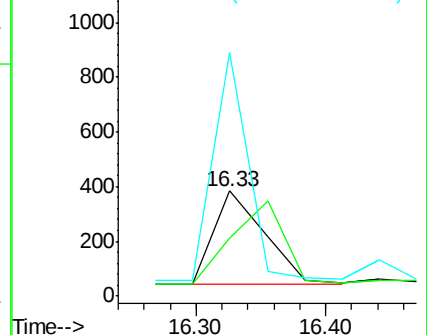
141 232.0 40.0 60.0#



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: 0.34 ng

RT: 16.47 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BE093052.D

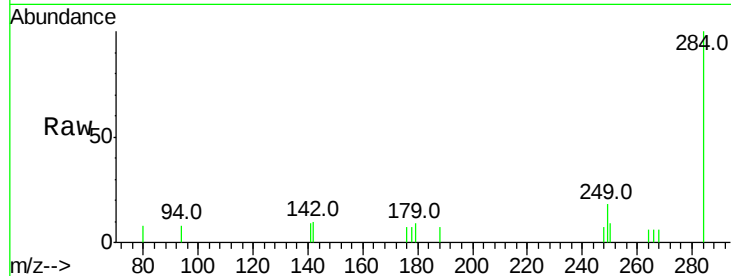
Acq: 16 May 2017 14:15

Instrument :

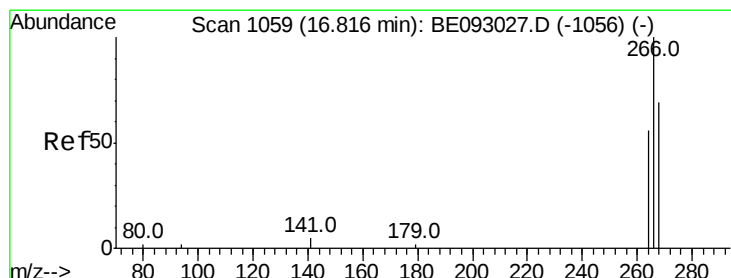
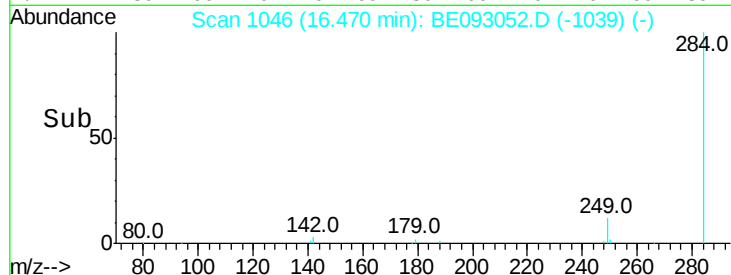
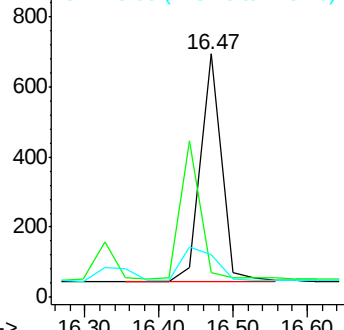
BNA_E

ClientSampleId :

Tot Ion:	284	Resp:	1260
Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



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: 0.53 ng

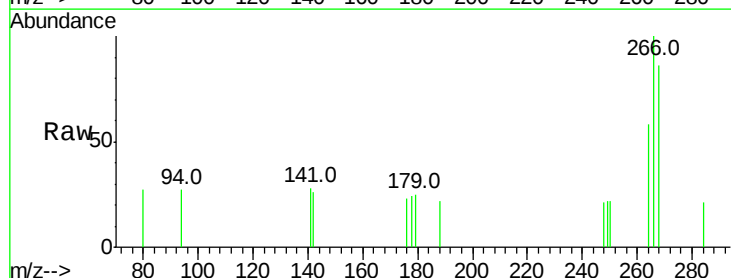
RT: 16.82 min Scan# 1058

Delta R.T. -0.00 min

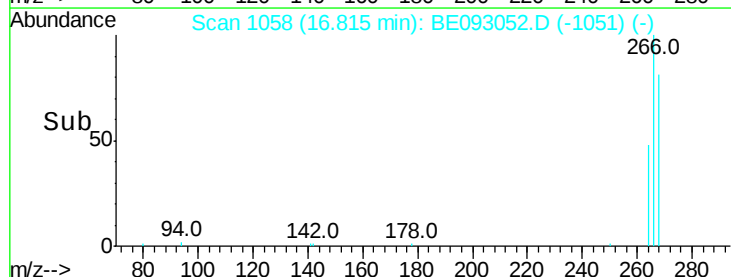
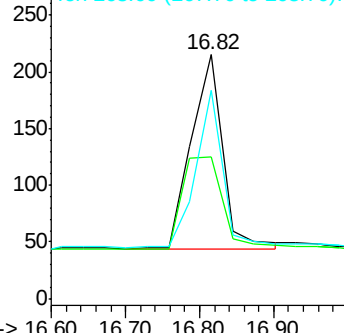
Lab File: BE093052.D

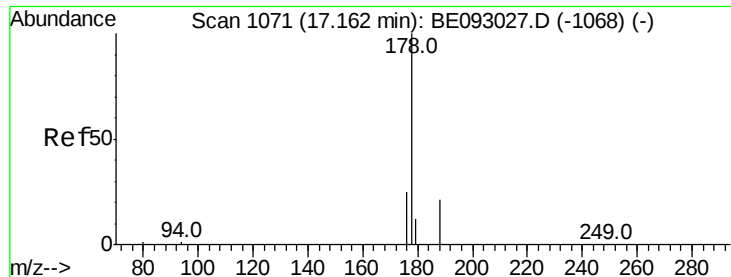
Acq: 16 May 2017 14:15

Tgt Ion:	266	Resp:	502
Ion	Ratio	Lower	Upper
266	100		
264	58.1	58.2	87.2#
268	85.6	71.9	107.9



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: 0.34 ng

RT: 17.19 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

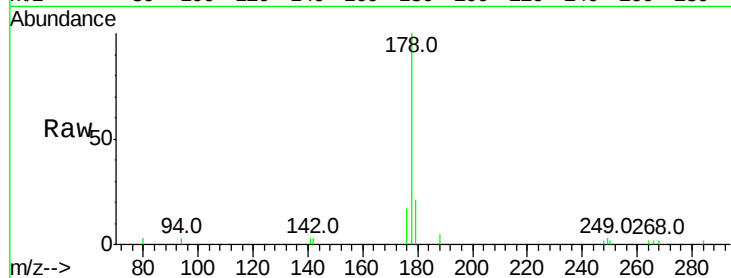
Tot Ion:178 Resp: 5962

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

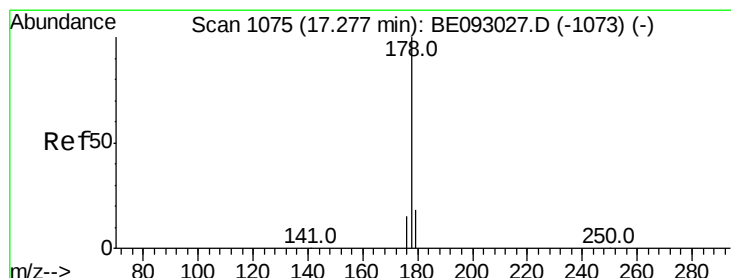
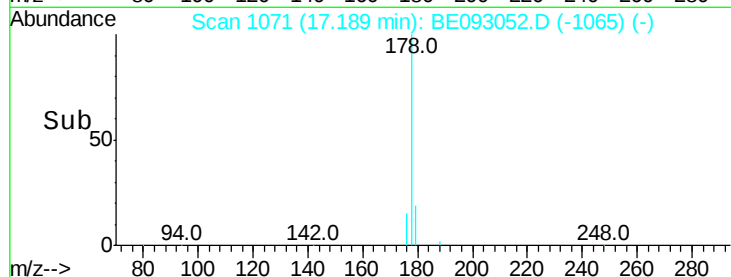
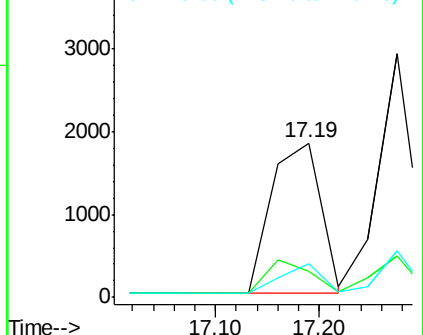
179 15.7 12.7 19.1



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: 0.37 ng

RT: 17.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

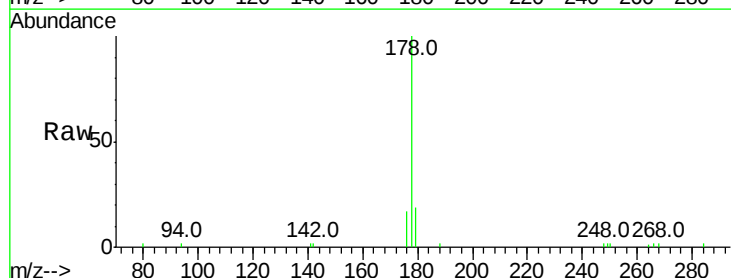
Tgt Ion:178 Resp: 6289

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

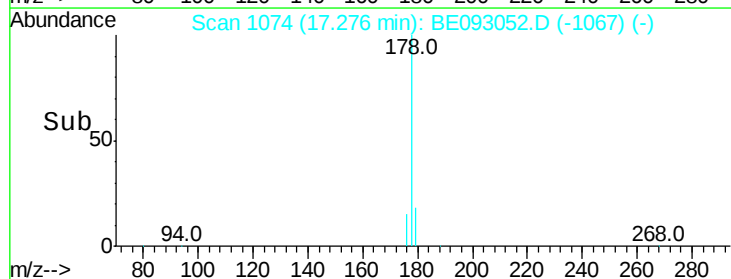
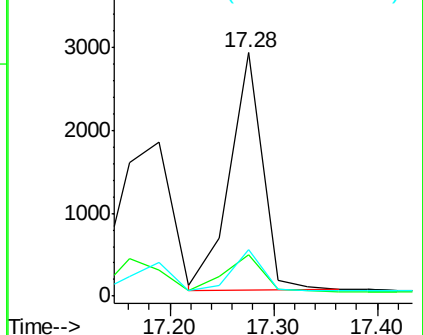
179 16.2 12.0 18.0

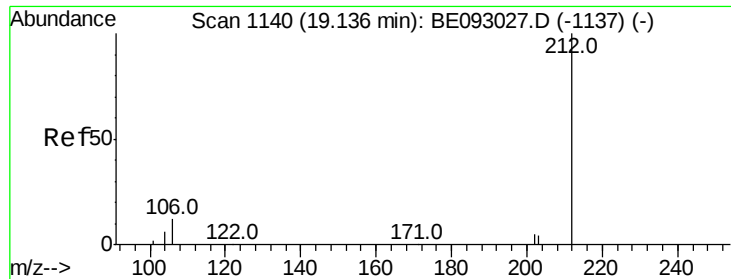


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.39 ng

RT: 19.13 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

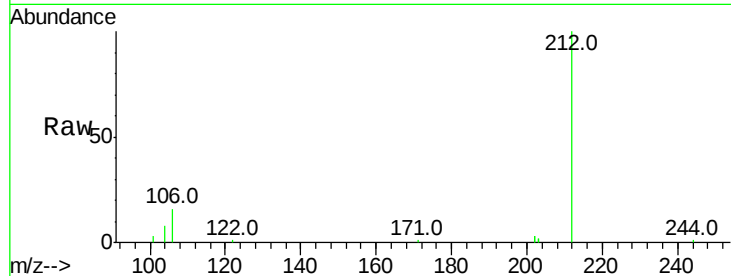
Tot Ion:212 Resp: 8118

Ion Ratio Lower Upper

212 100

106 16.1 0.0 0.0#

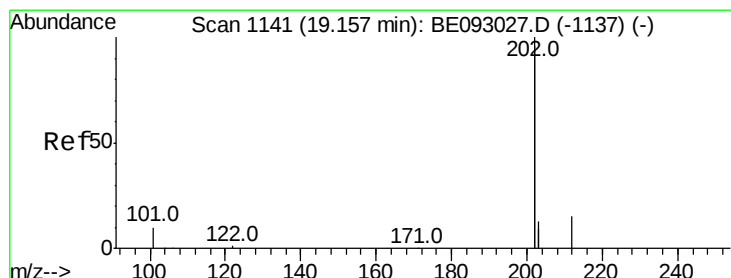
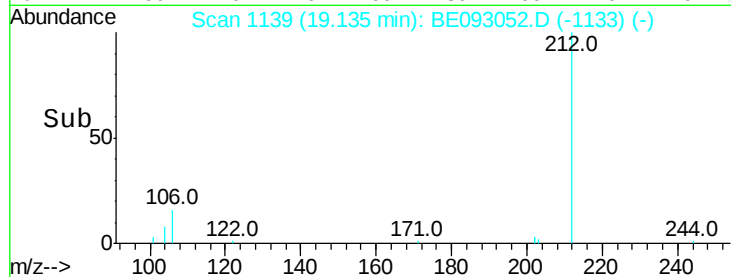
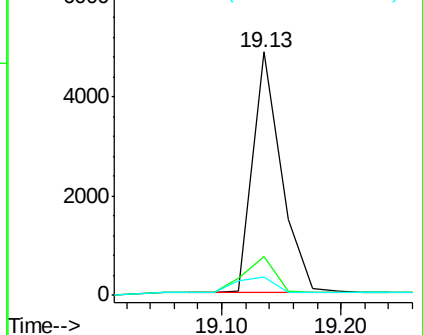
104 8.8 0.0 0.0#



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: 0.38 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

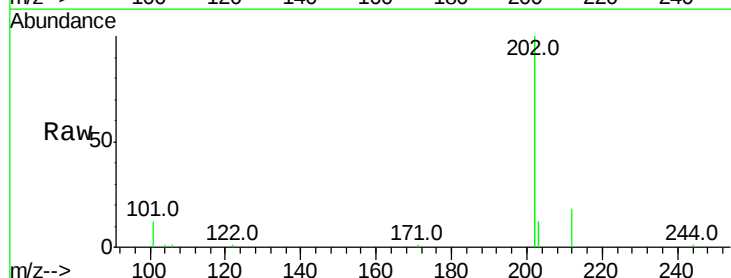
Tgt Ion:202 Resp: 37164

Ion Ratio Lower Upper

202 100

101 3.9 0.0 0.0#

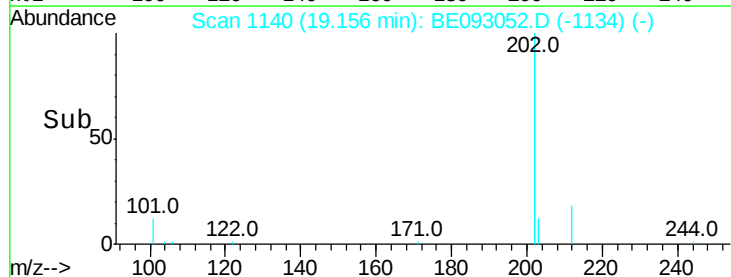
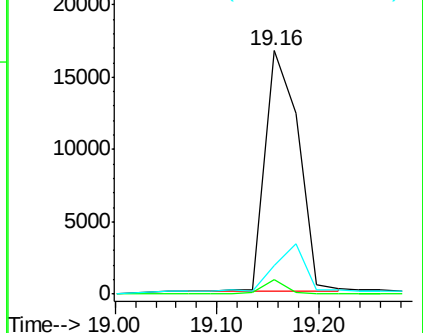
203 0.0 14.4 21.6#

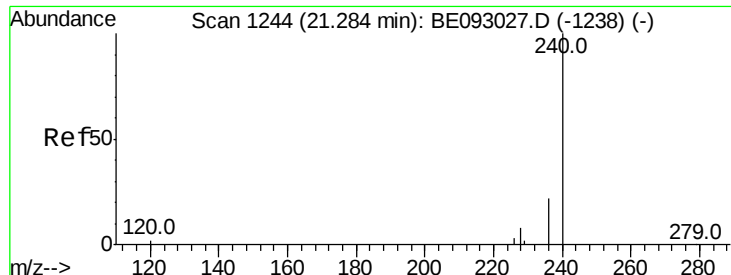


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

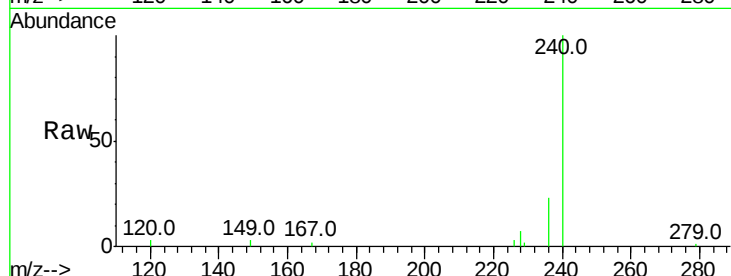
Tot Ion:240 Resp: 8305

Ion Ratio Lower Upper

240 100

120 3.3 4.6 7.0#

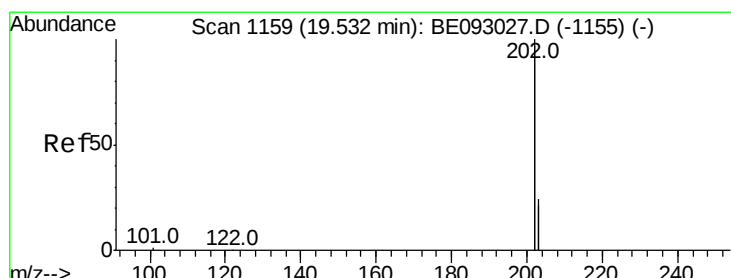
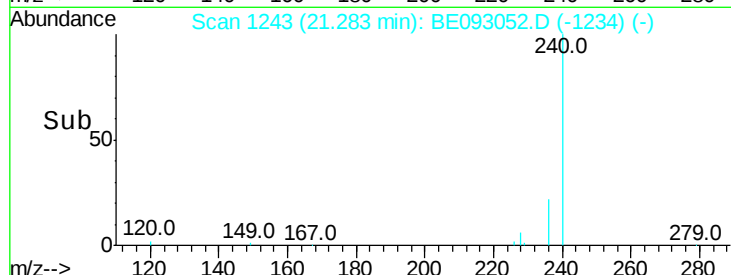
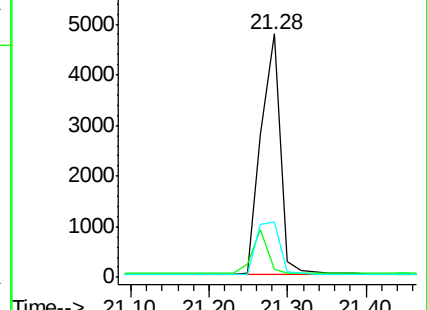
236 22.9 20.8 31.2



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: 0.41 ng

RT: 19.53 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

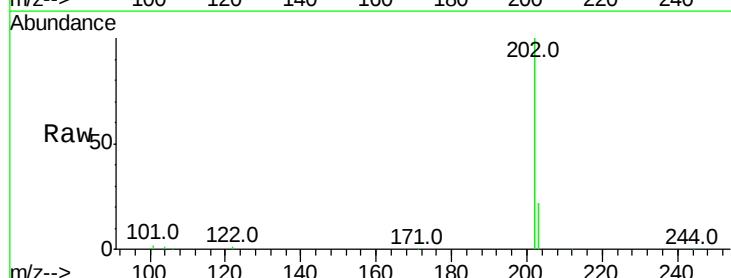
Tgt Ion:202 Resp: 41209

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

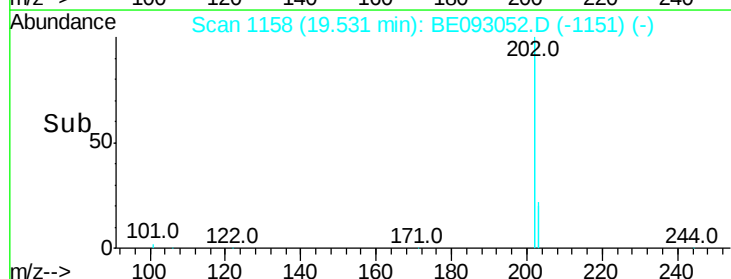
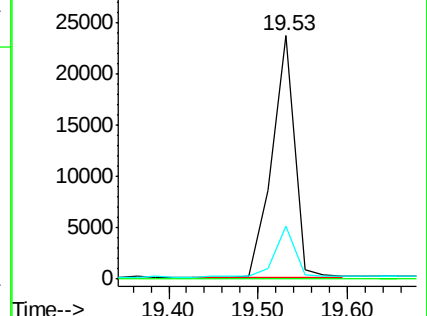
203 18.2 13.7 20.5

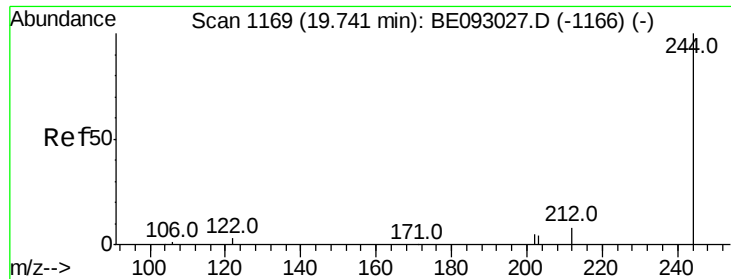


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.41 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

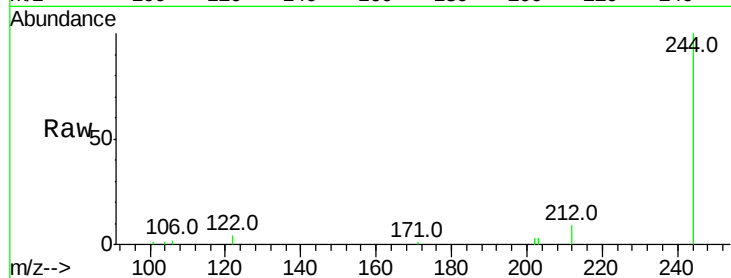
Tot Ion:244 Resp: 6419

Ion Ratio Lower Upper

244 100

212 8.9 10.6 16.0#

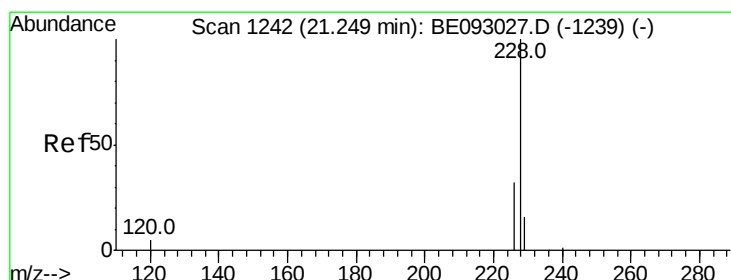
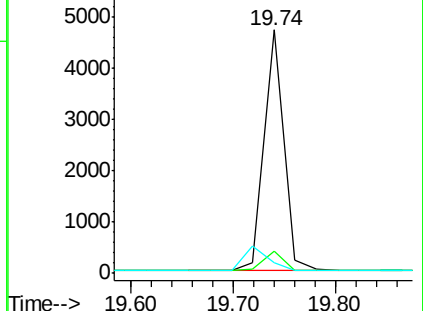
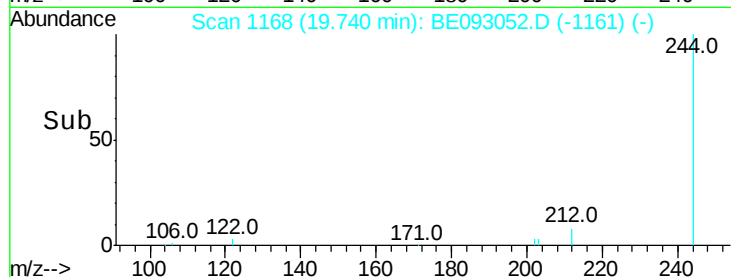
122 4.4 15.4 23.0#



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: 0.42 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

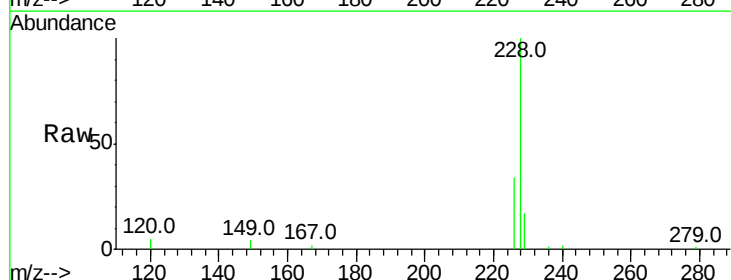
Tgt Ion:228 Resp: 9497

Ion Ratio Lower Upper

228 100

226 33.8 19.7 29.5#

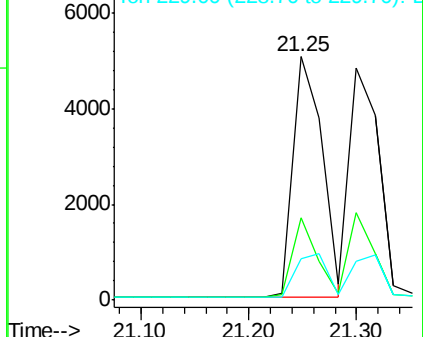
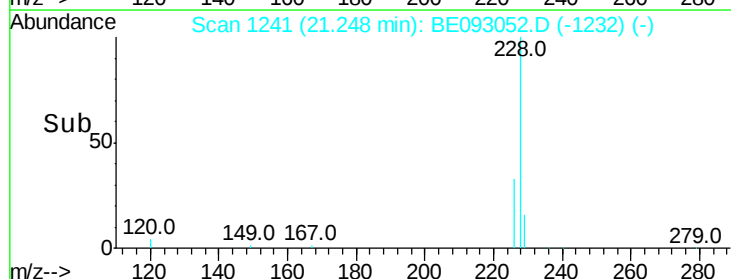
229 16.8 19.2 28.8#

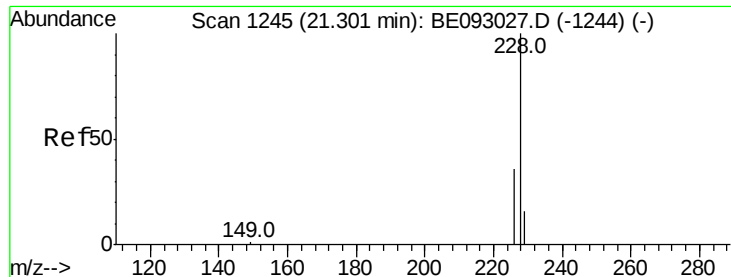


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.39 ng

RT: 21.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

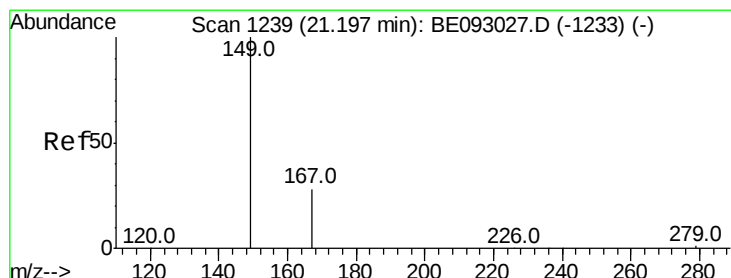
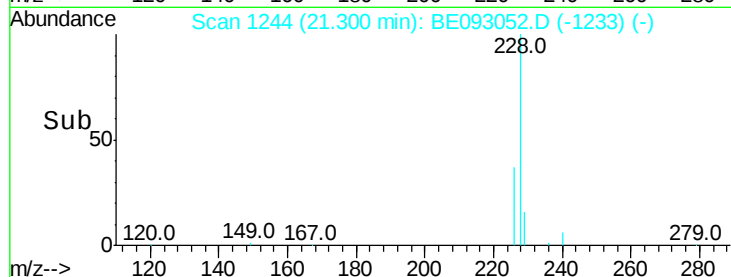
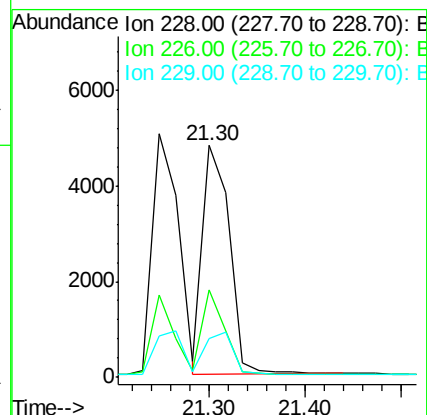
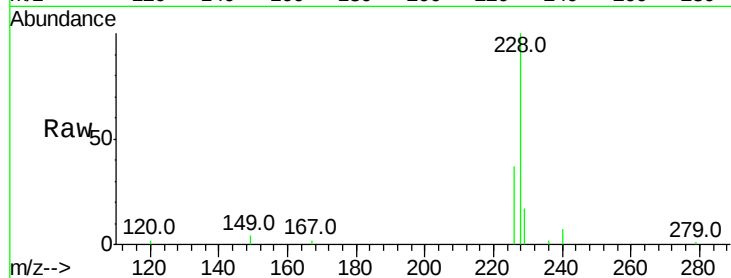
Tot Ion:228 Resp: 9324

Ion Ratio Lower Upper

228 100

226 37.5 21.5 32.3#

229 16.6 18.6 28.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.73 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

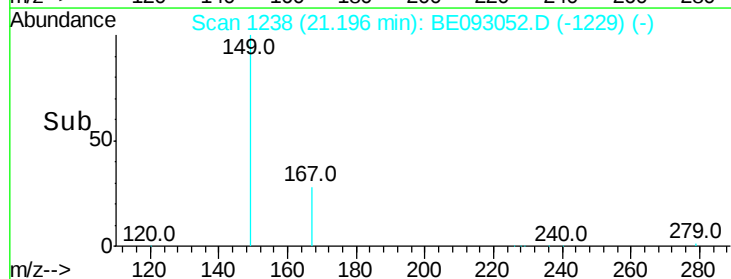
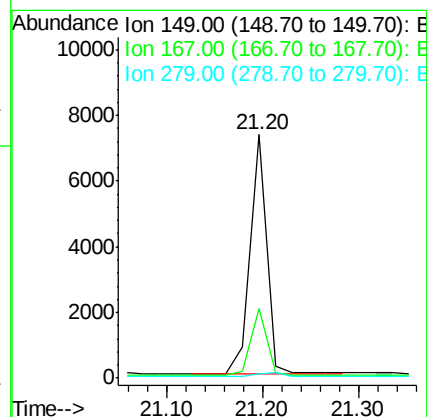
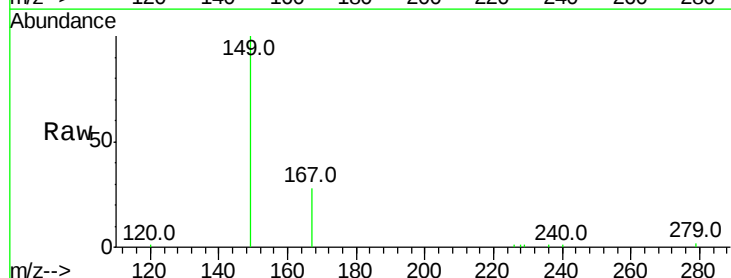
Tgt Ion:149 Resp: 8811

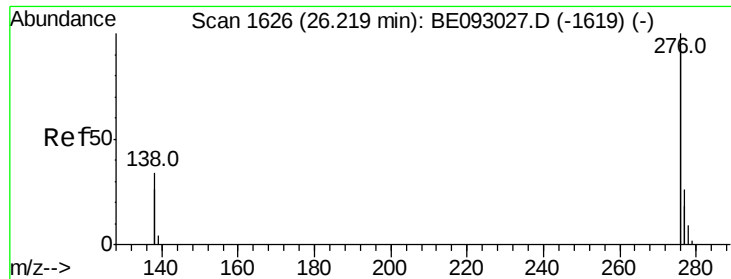
Ion Ratio Lower Upper

149 100

167 27.7 20.1 30.1

279 2.4 2.2 3.4

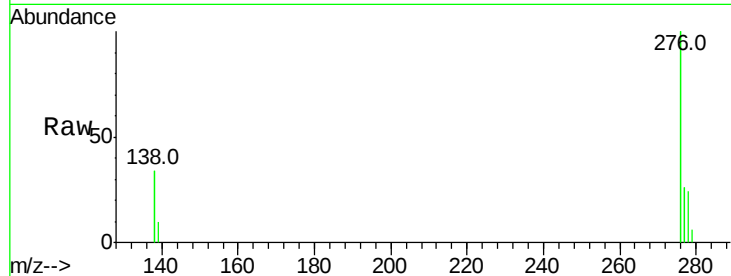




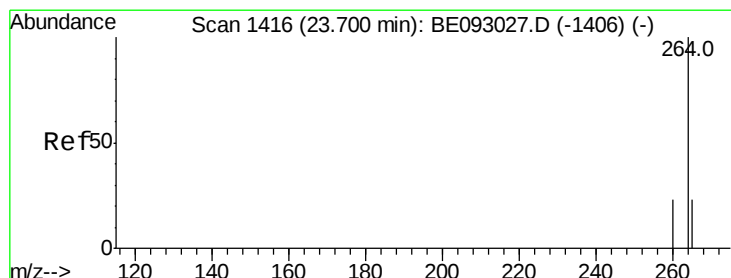
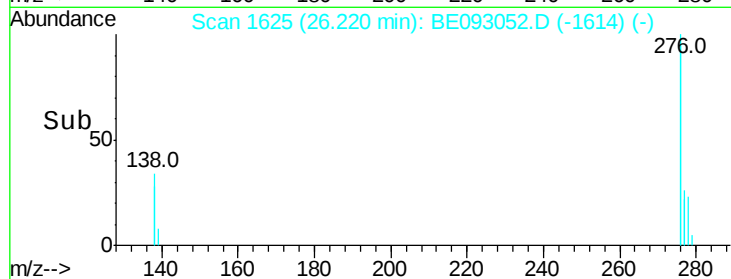
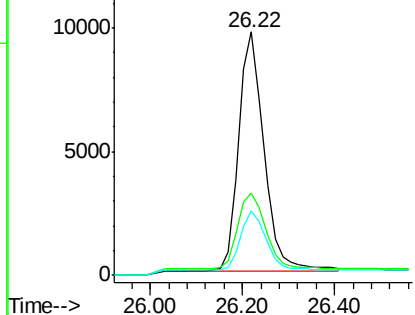
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.22 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE093052.D
 Acq: 16 May 2017 14:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 36560
 Ion Ratio Lower Upper
 276 100
 138 35.5 27.4 41.2
 277 25.0 20.1 30.1

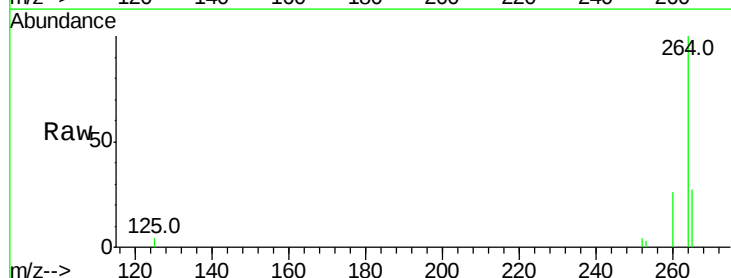


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

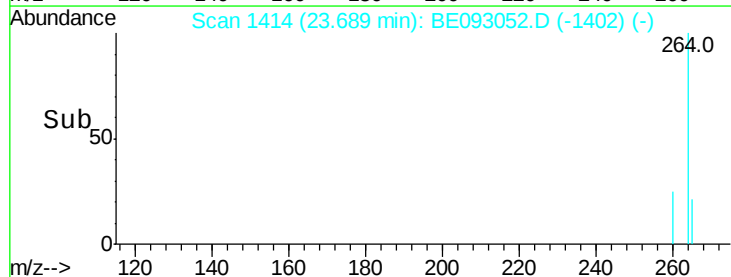
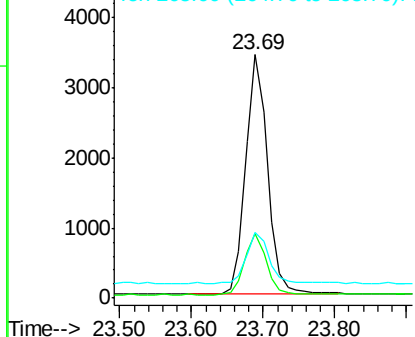


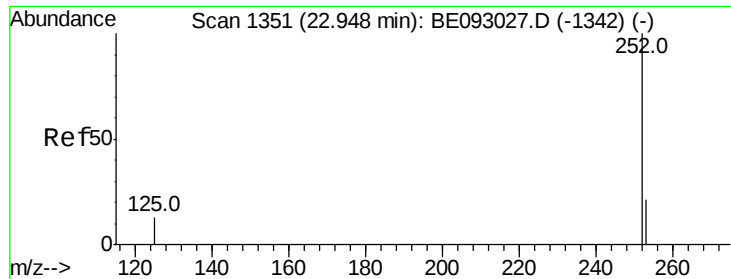
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093052.D
 Acq: 16 May 2017 14:15

Tgt Ion:264 Resp: 7319
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.4
 265 27.0 24.6 36.8



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: 0.38 ng

RT: 22.95 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :

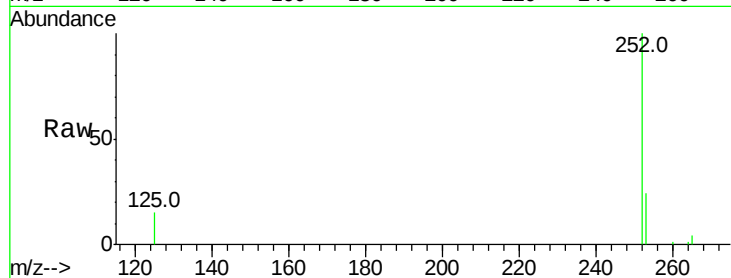
Tot Ion:252 Resp: 8783

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

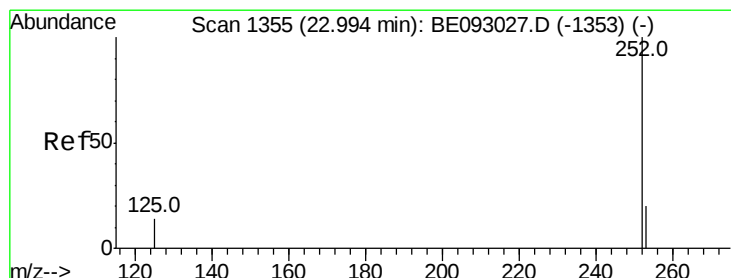
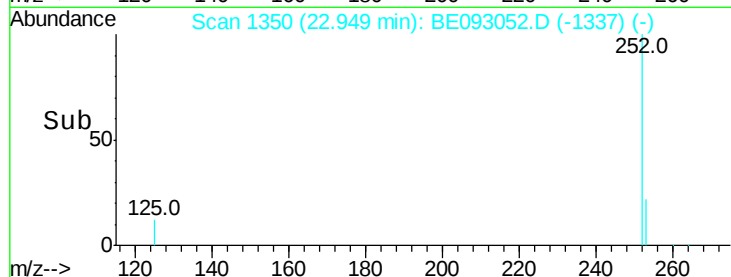
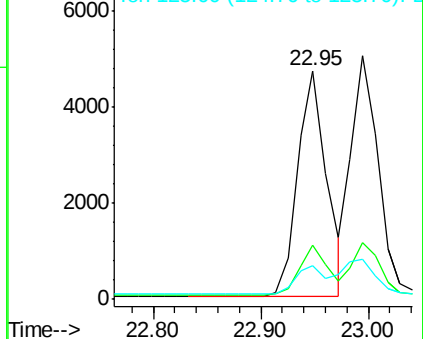
125 14.5 13.4 20.0



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: 0.37 ng

RT: 22.99 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BE093052.D

Acq: 16 May 2017 14:15

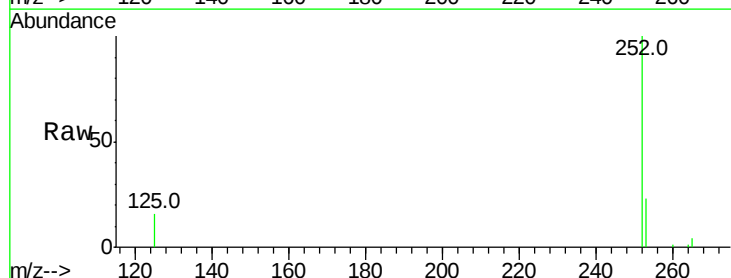
Tgt Ion:252 Resp: 8628

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

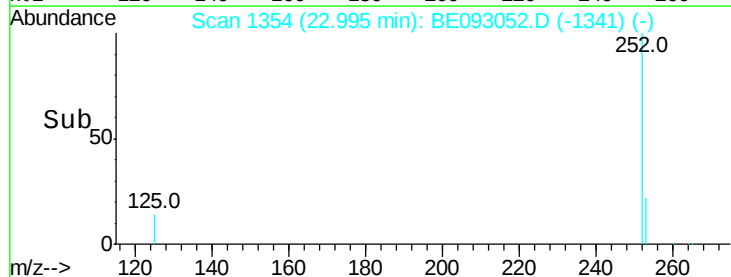
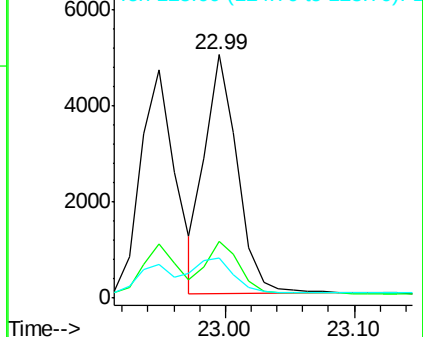
125 16.2 12.2 18.4

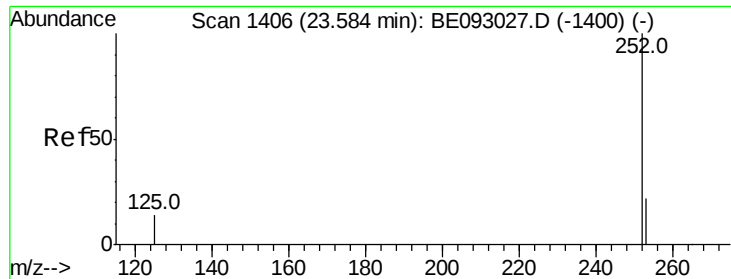


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

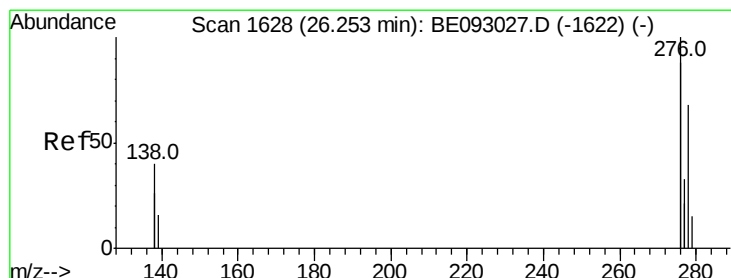
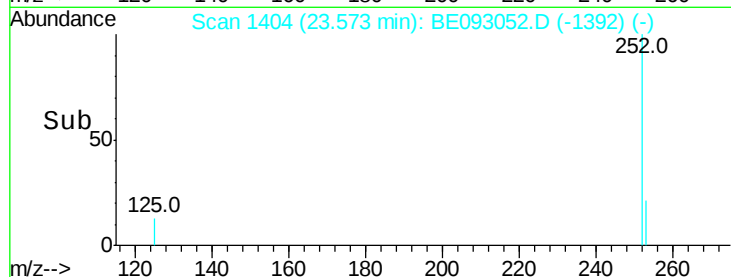
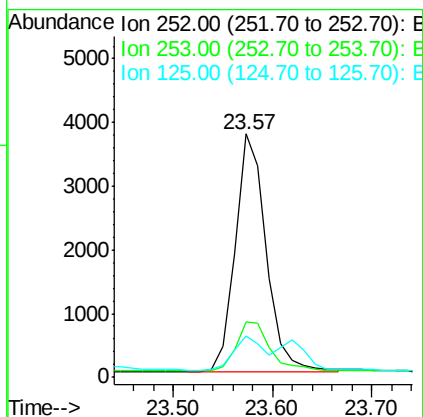
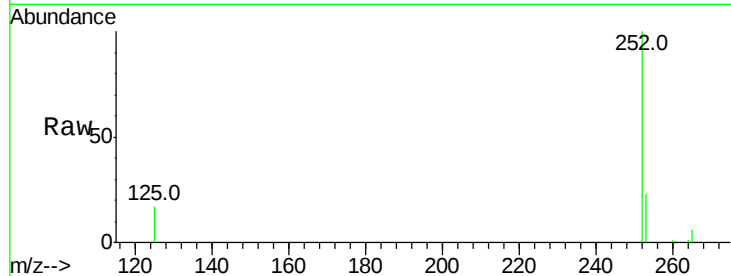




#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.57 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

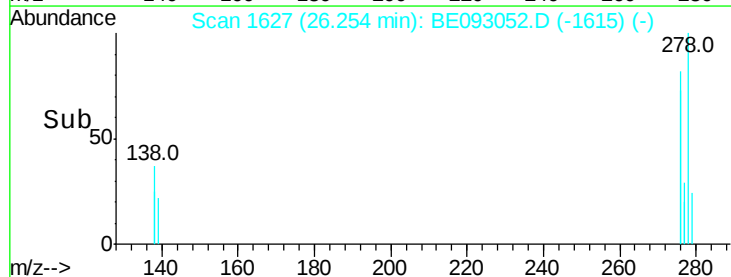
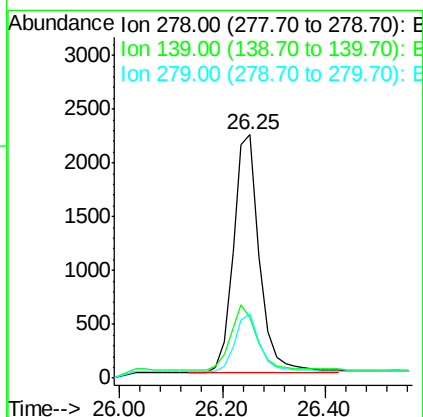
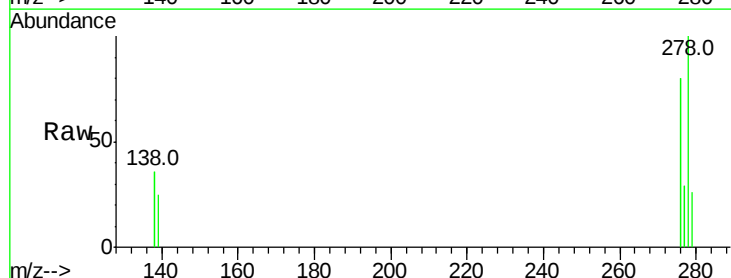
Instrument :
BNA_E
ClientSampleId :

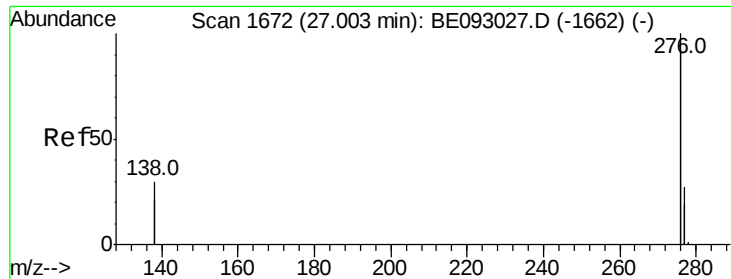
Tot Ion:252 Resp: 8115
Ion Ratio Lower Upper
252 100
253 23.0 19.9 29.9
125 17.0 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE093052.D
Acq: 16 May 2017 14:15

Tgt Ion:278 Resp: 7899
Ion Ratio Lower Upper
278 100
139 24.9 21.4 32.0
279 26.3 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.38 ng

RT: 26.99 min Scan# 1670

Delta R.T. -0.02 min

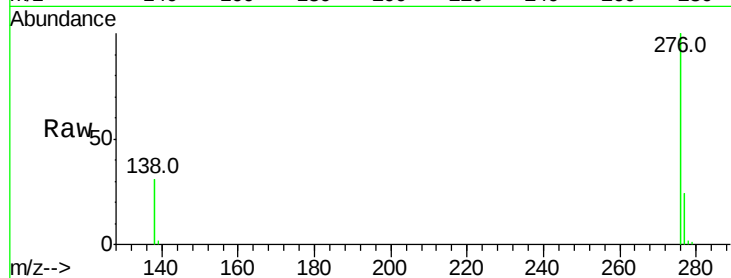
Lab File: BE093052.D

Acq: 16 May 2017 14:15

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 32419

Ion Ratio Lower Upper

276 100

277 24.0 21.2 31.8

138 31.0 24.5 36.7

