

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE093003.D
 Acq On : 11 May 2017 19:23
 Operator : SJ/MA
 Sample : I3058-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 12 01:24:17 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	922	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3597	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1599	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4226	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4630	0.40	ng	0.00
34) Perylene-d12	23.69	264	4086	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	462	0.18	ng	0.00
5) Phenol-d6	6.92	99	423	0.13	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1236	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	2686	0.53	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	158	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	2964	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	4023	0.36	ng	-0.02
29) Terphenyl-d14	19.74	244	4684	0.57	ng	0.00

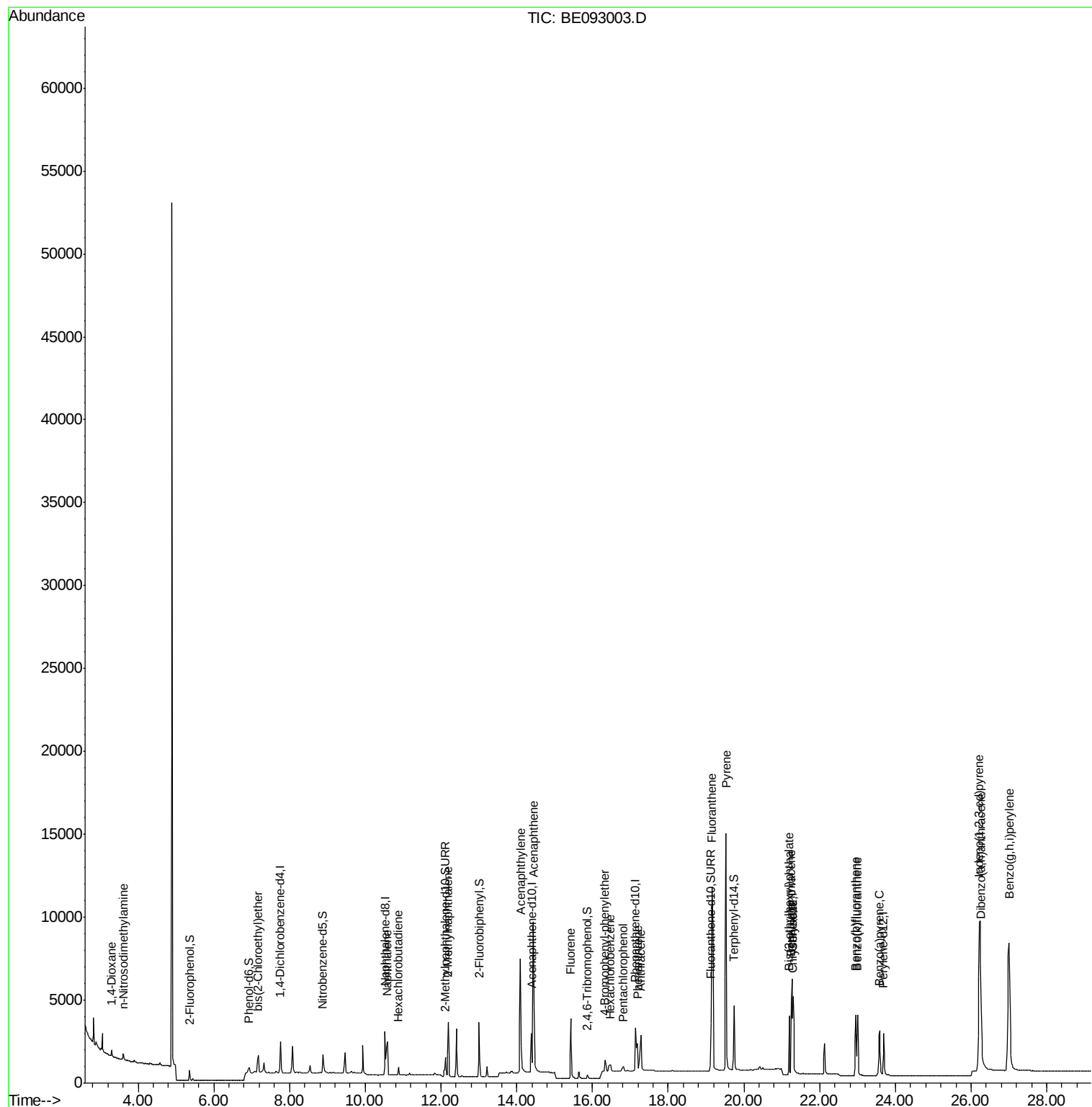
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	235	0.13	ng	# 31
3) n-Nitrosodimethylamine	3.61	42	255	0.16	ng	# 95
6) bis(2-Chloroethyl)ether	7.18	93	1164	0.38	ng	# 99
9) Naphthalene	10.58	128	3661	0.38	ng	99
10) Hexachlorobutadiene	10.87	225	489	0.37	ng	99
12) 2-Methylnaphthalene	12.19	142	2346	0.42	ng	97
16) Acenaphthylene	14.10	152	10944	0.40	ng	100
17) Acenaphthene	14.44	154	2019	0.41	ng	92
18) Fluorene	15.43	166	2496	0.41	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	492	0.36	ng	# 1
21) Hexachlorobenzene	16.47	284	656	0.30	ng	# 100
22) Pentachlorophenol	16.82	266	418	0.85	ng	92
23) Phenanthrene	17.19	178	3535	0.36	ng	# 77
24) Anthracene	17.28	178	3497	0.40	ng	97
26) Fluoranthene	19.16	202	20681	0.38	ng	# 59
28) Pyrene	19.53	202	21492	0.37	ng	# 97
30) Benzo(a)anthracene	21.25	228	5424	0.48	ng	# 84
31) Chrysene	21.30	228	5603	0.39	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.20	149	3356	0.69	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.22	276	22515	0.50	ng	98
35) Benzo(b)fluoranthene	22.95	252	5276	0.40	ng	98
36) Benzo(k)fluoranthene	22.99	252	5384	0.41	ng	96
37) Benzo(a)pyrene	23.58	252	4692	0.41	ng	98
38) Dibenzo(a,h)anthracene	26.25	278	4593	0.44	ng	96
39) Benzo(g,h,i)perylene	27.00	276	19445	0.41	ng	98

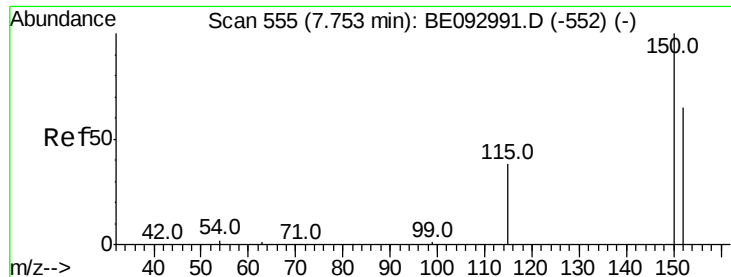
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 11 14:48:08 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampled :

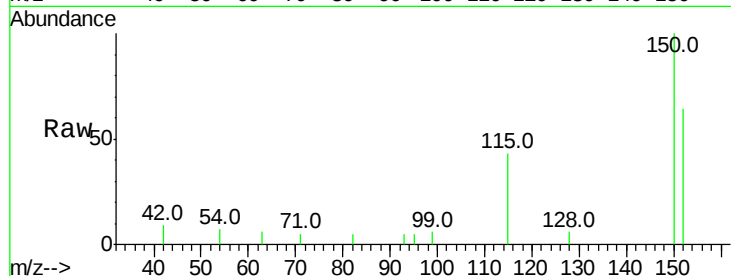
Tot Ion:152 Resp: 922

Ion Ratio Lower Upper

152 100

150 155.4 125.1 187.7

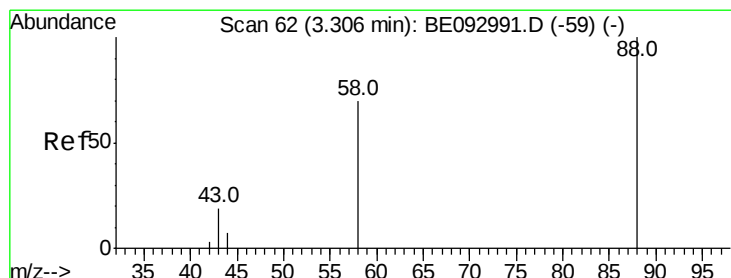
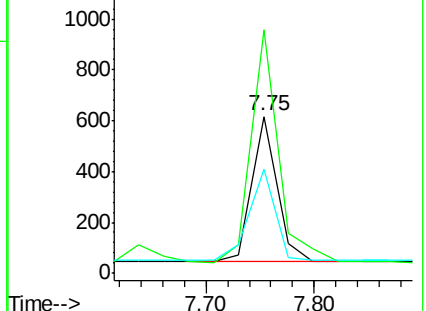
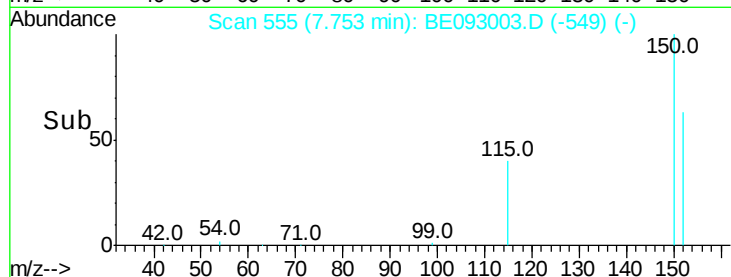
115 66.7 55.7 83.5



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: 0.13 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

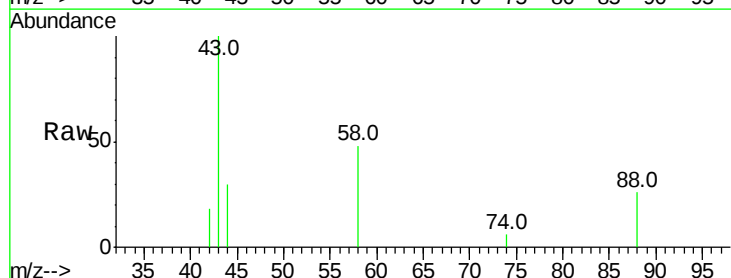
Tgt Ion: 88 Resp: 235

Ion Ratio Lower Upper

88 100

58 109.4 62.2 93.4#

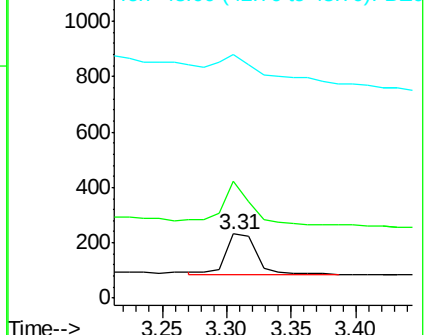
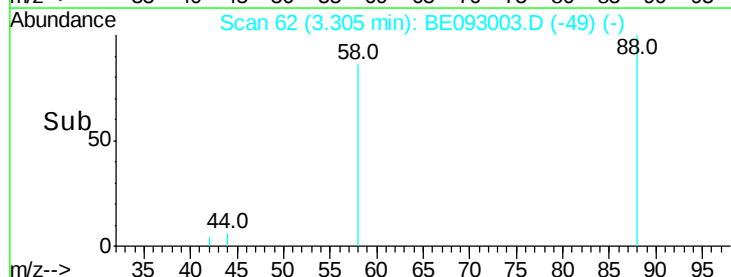
43 112.8 23.2 34.8#

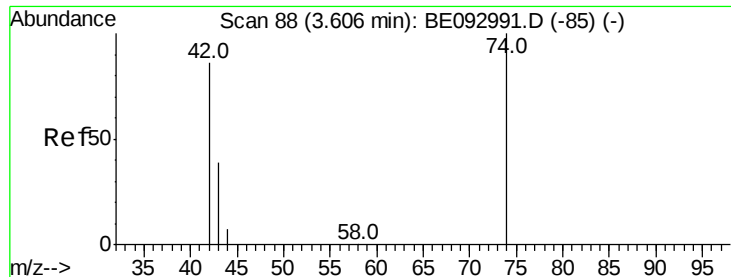


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE093003.D

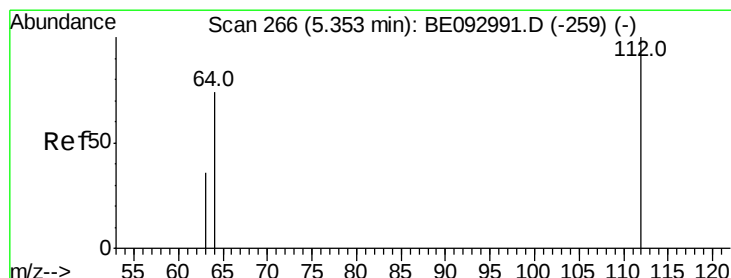
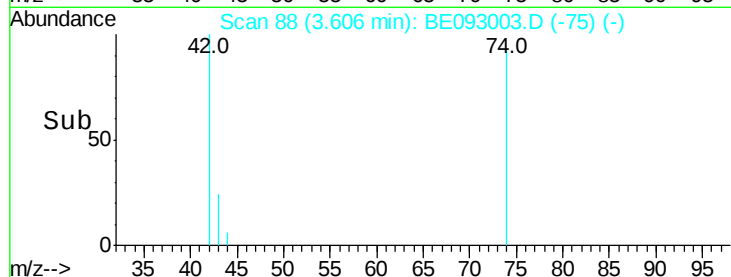
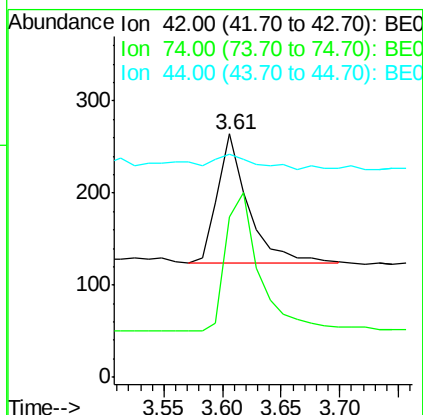
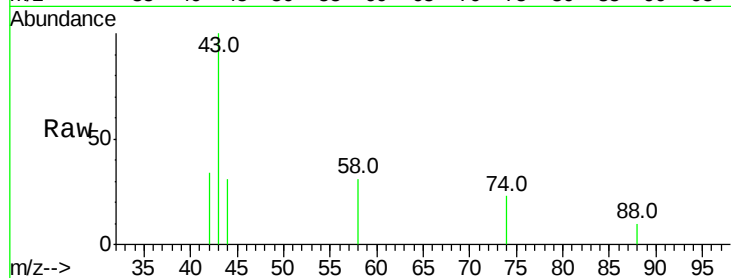
Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	255
Ion	Ratio	Lower	Upper
42	100		
74	118.8	99.1	148.7
44	12.2	7.4	11.2#



#4

2-Fluorophenol

Concen: 0.18 ng

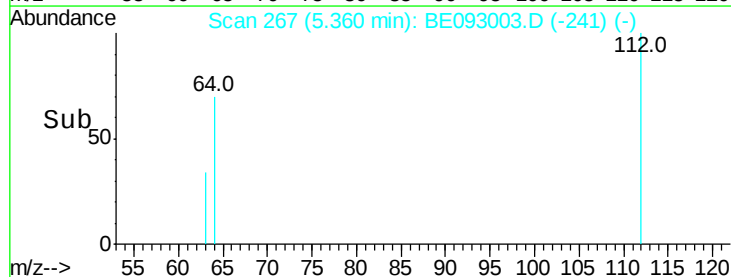
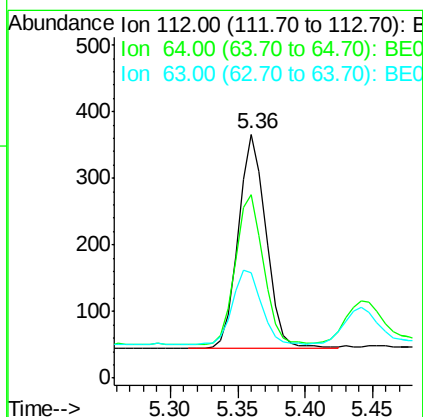
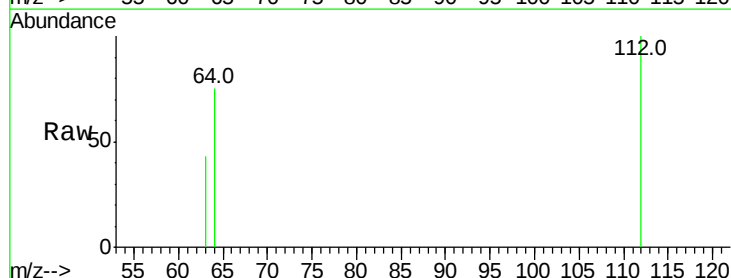
RT: 5.36 min Scan# 267

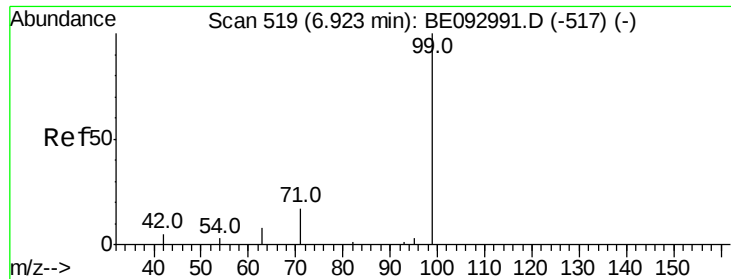
Delta R.T. 0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Tgt Ion:	112	Resp:	462
Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.4	84.6
63	36.8	29.3	43.9





#5

Phenol-d6

Concen: 0.13 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

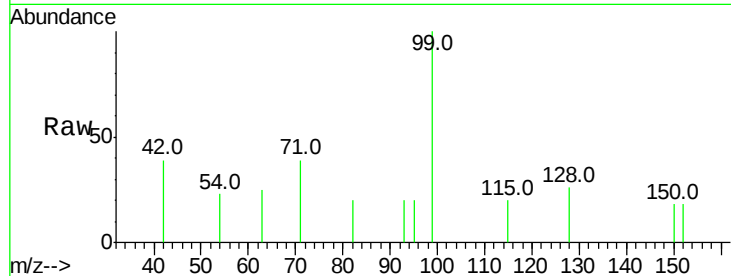
Tot Ion: 99 Resp: 423

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

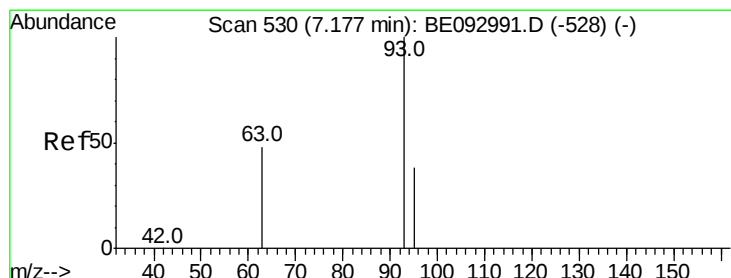
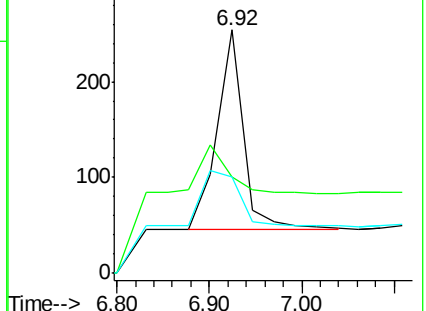
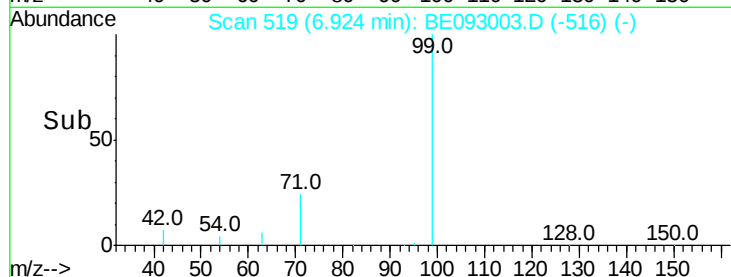
71 0.0 0.0 0.0



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: 0.38 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

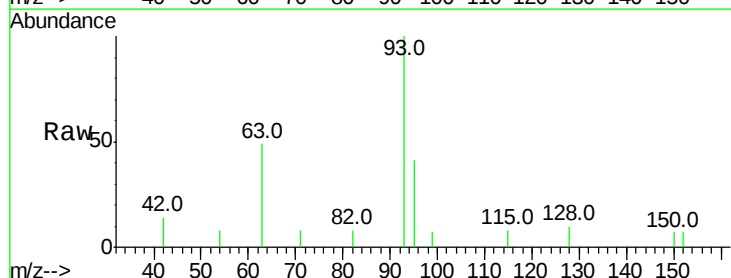
Tgt Ion: 93 Resp: 1164

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

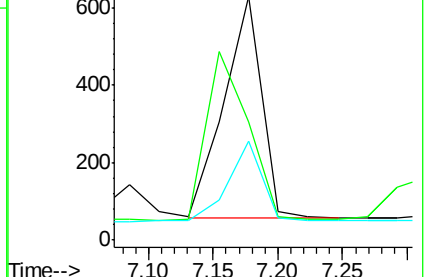
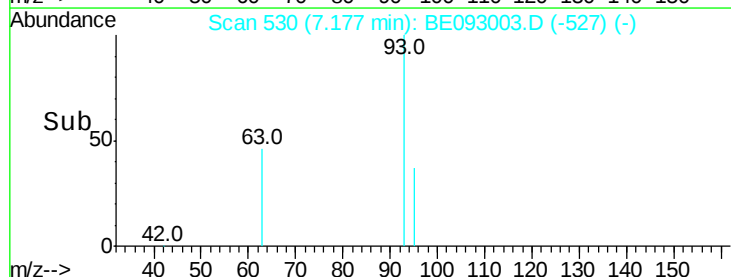
95 32.0 25.4 38.0

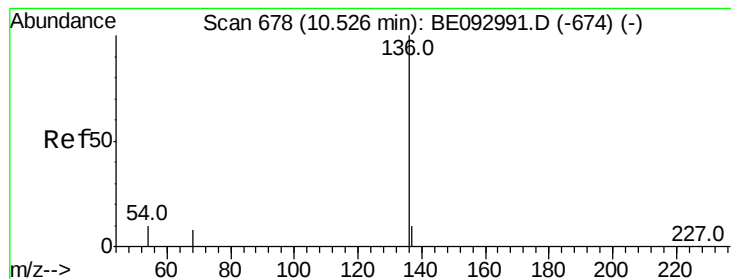


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3597

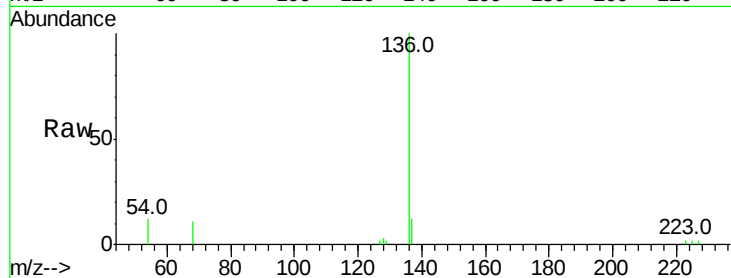
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 11.8 10.3 15.5

68 10.5 9.0 13.4

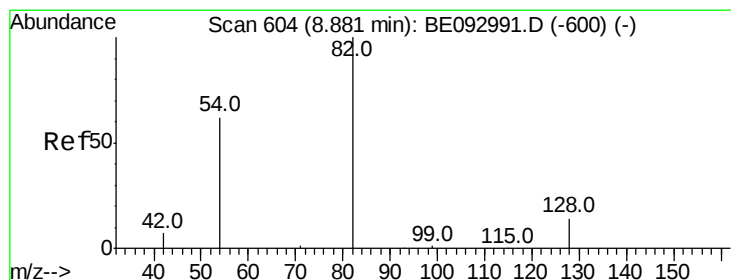
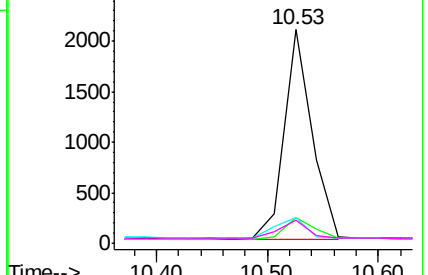
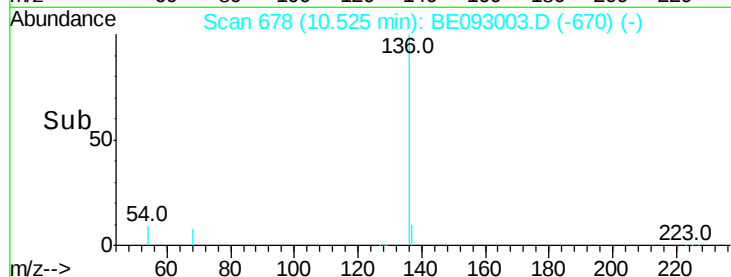


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

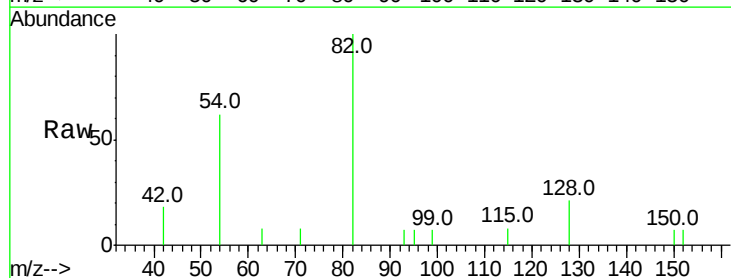
Tgt Ion: 82 Resp: 1236

Ion Ratio Lower Upper

82 100

128 21.0 17.0 25.4

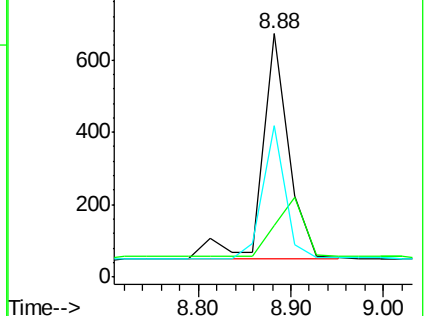
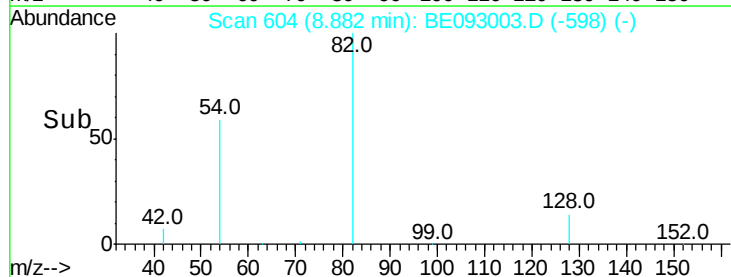
54 62.2 53.8 80.6

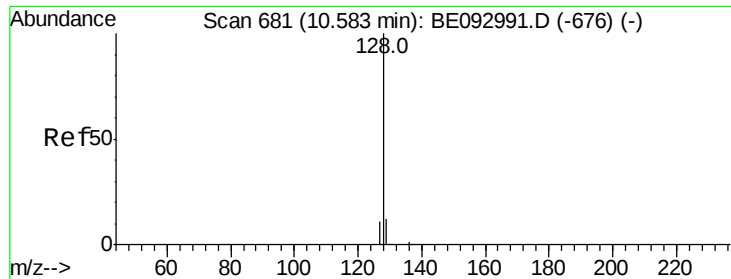


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

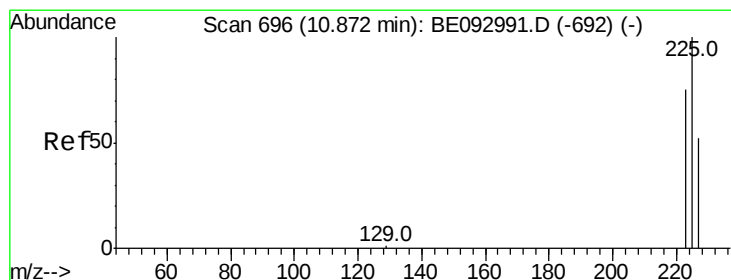
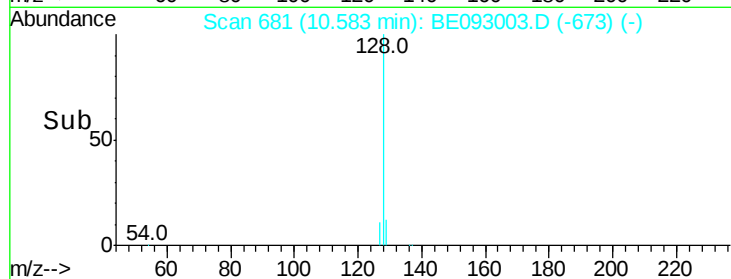
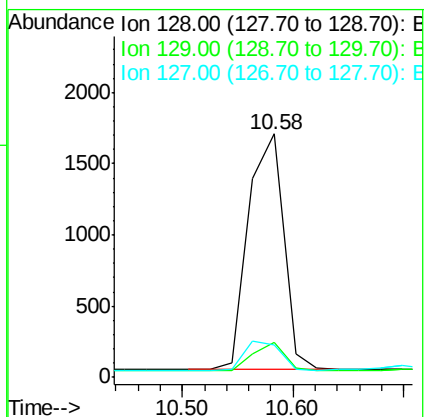
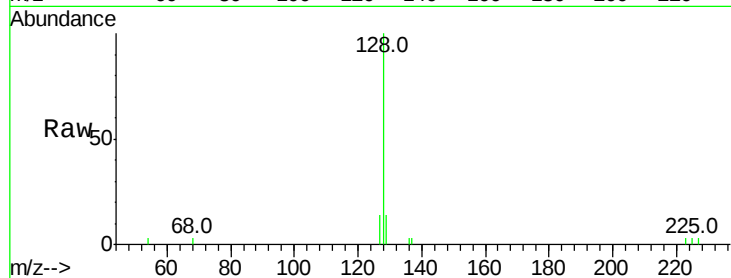
Tot Ion:128 Resp: 3661

Ion Ratio Lower Upper

128 100

129 14.2 11.4 17.0

127 13.6 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.37 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

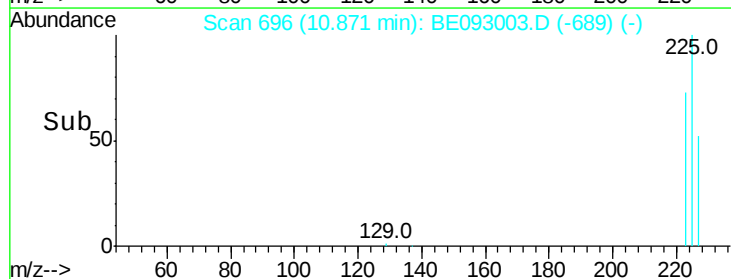
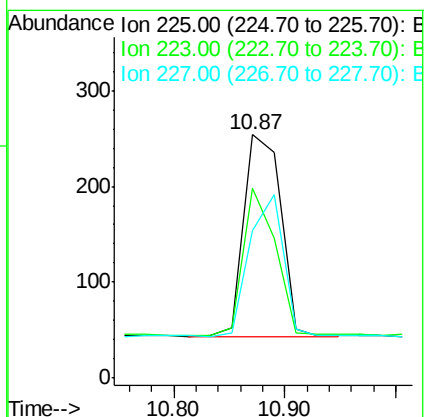
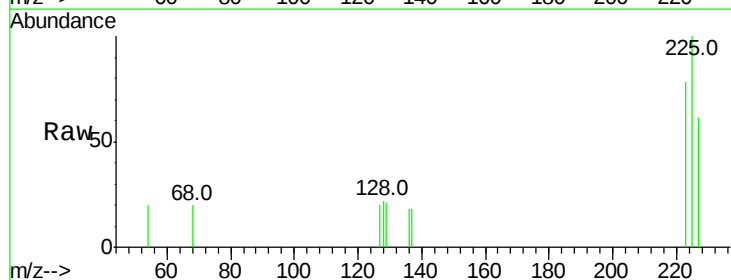
Tgt Ion:225 Resp: 489

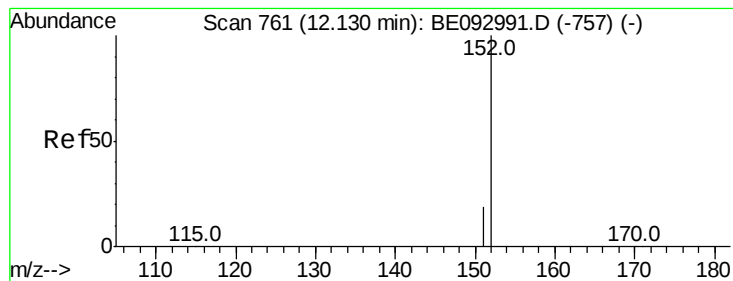
Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

227 62.8 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.53 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

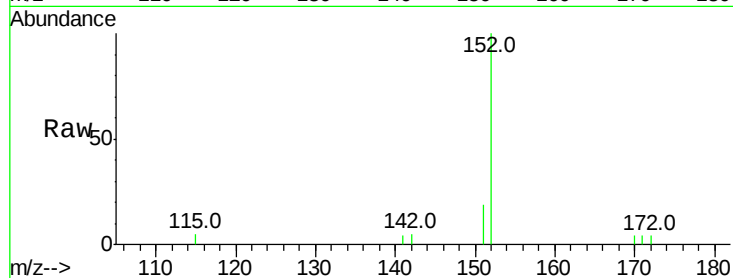
ClientSampleId :

Tot Ion:152 Resp: 2686

Ion Ratio Lower Upper

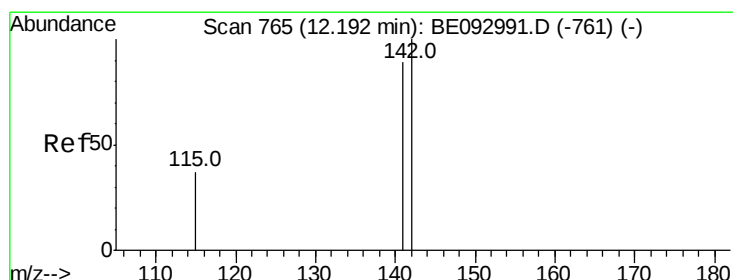
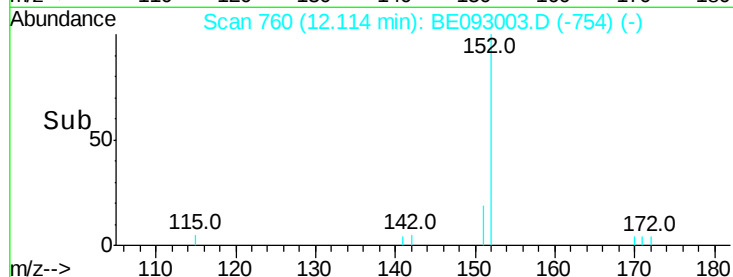
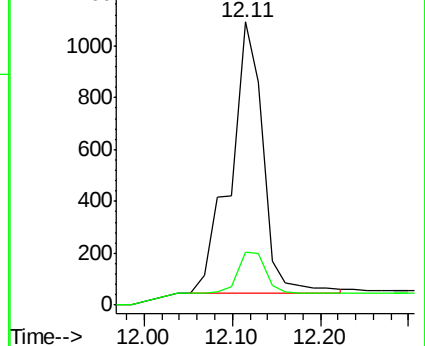
152 100

151 13.4 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.42 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

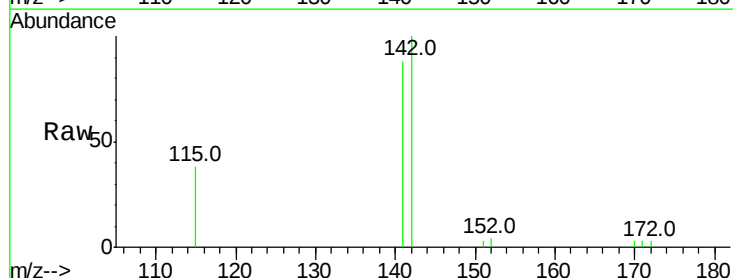
Tgt Ion:142 Resp: 2346

Ion Ratio Lower Upper

142 100

141 87.6 72.6 108.8

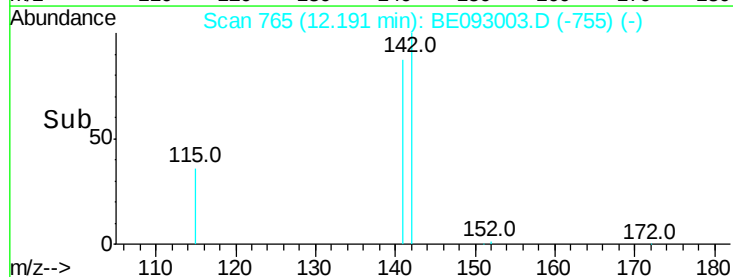
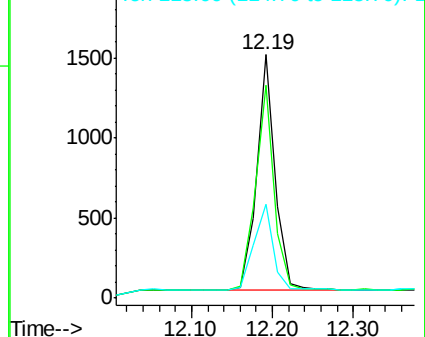
115 38.3 32.2 48.2

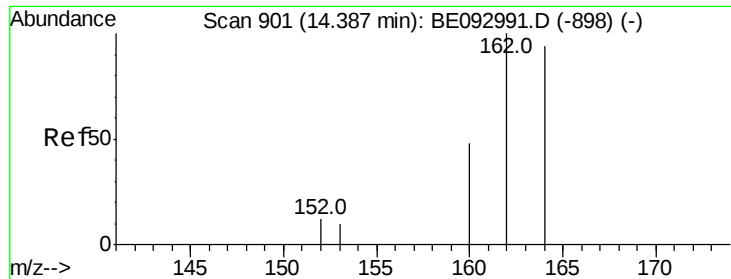


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

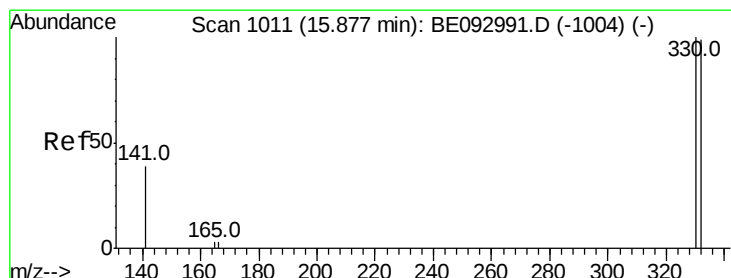
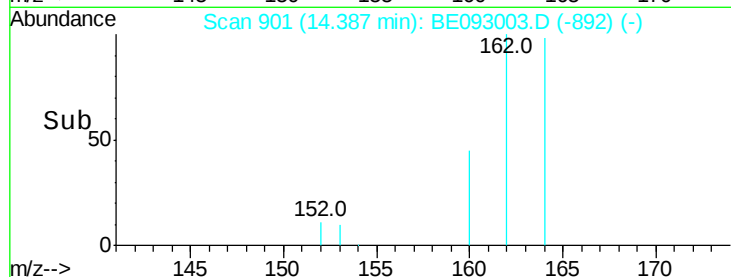
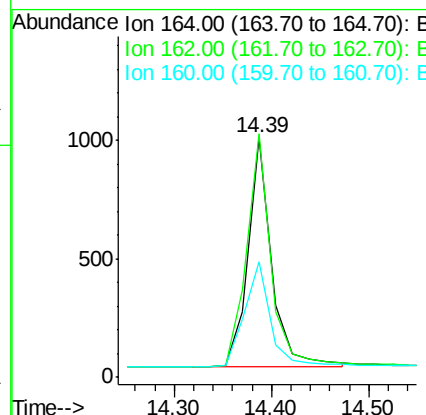
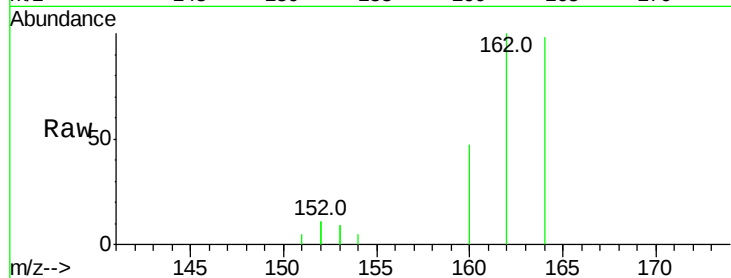




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

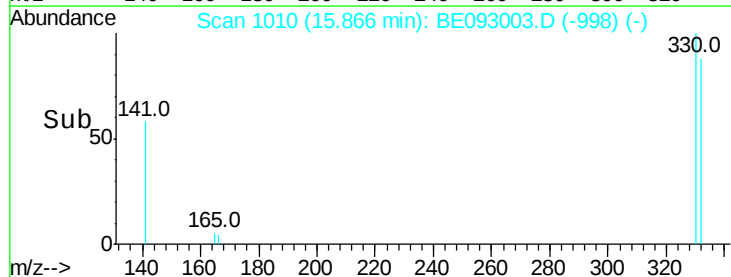
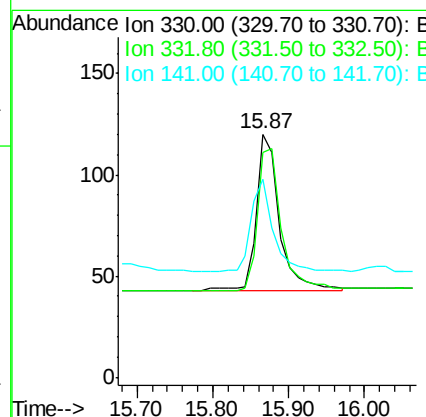
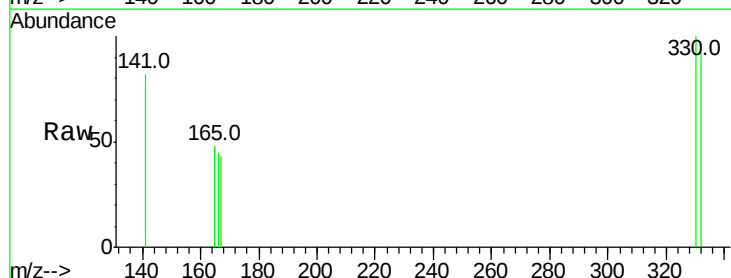
Instrument :
BNA_E
ClientSampleId :

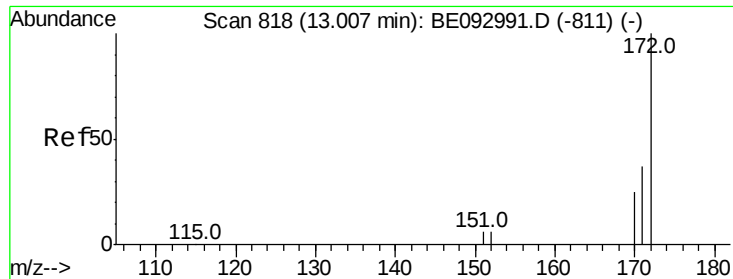
Tot Ion:164 Resp: 1599
Ion Ratio Lower Upper
164 100
162 101.8 84.6 127.0
160 48.1 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 95.6 77.7 116.5
141 59.5 56.2 84.4

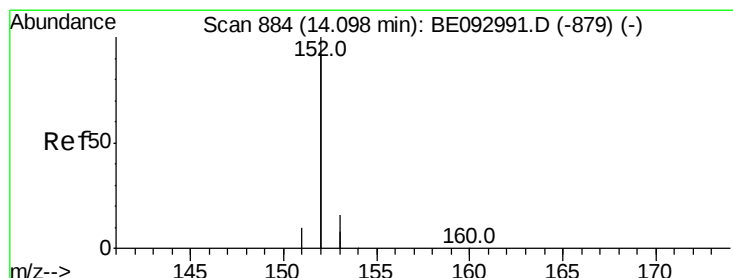
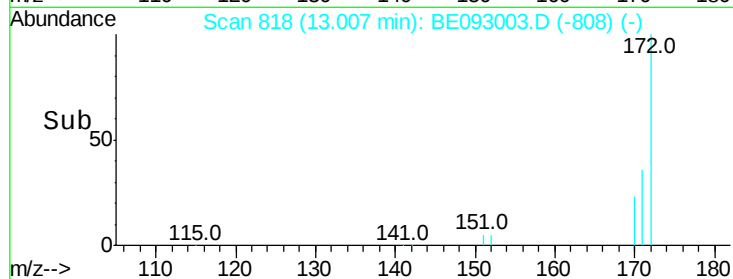
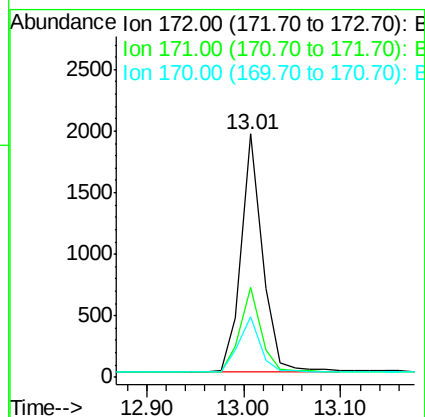
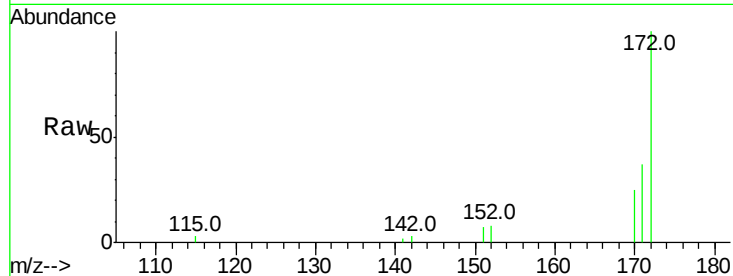




#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

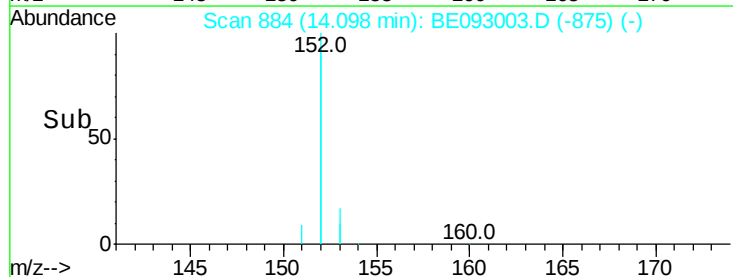
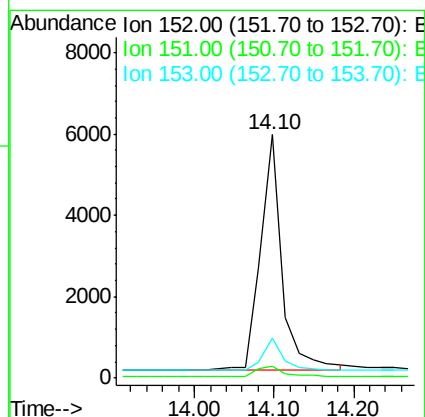
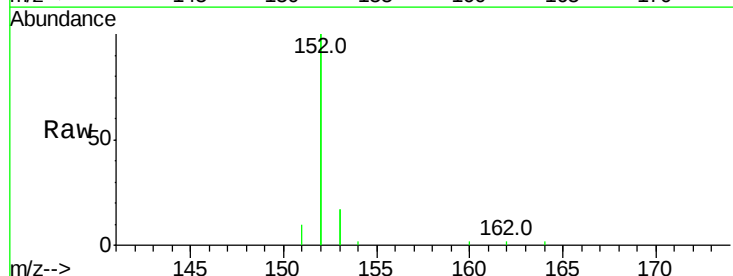
Instrument :
BNA_E
ClientSampled :

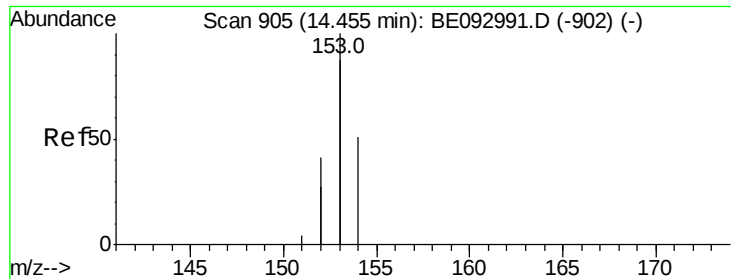
Tot Ion:172 Resp: 2964
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:152 Resp: 10944
Ion Ratio Lower Upper
152 100
151 5.0 4.0 6.0
153 13.0 10.3 15.5

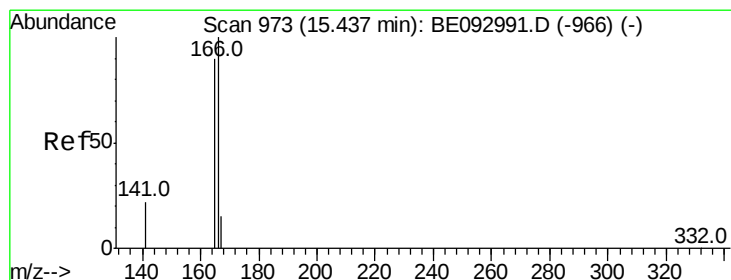
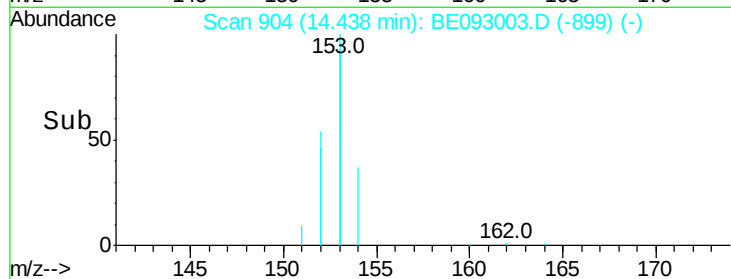
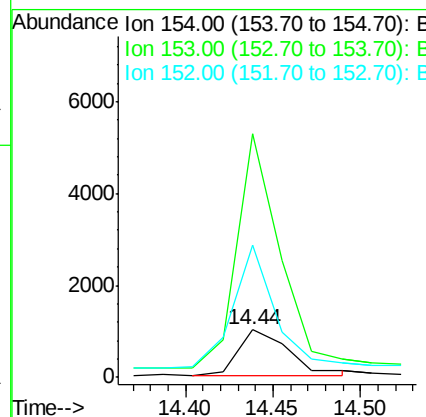
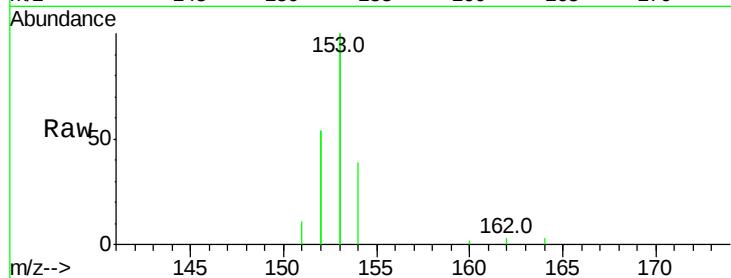




#17
Acenaphthene
Concen: 0.41 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

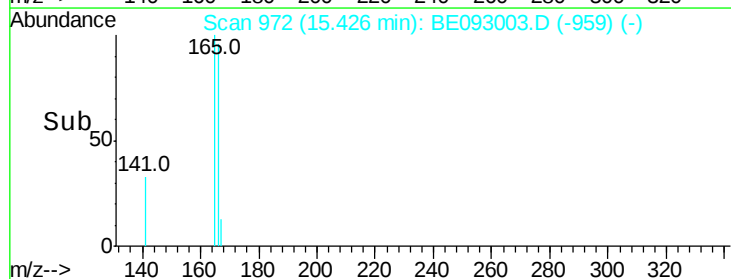
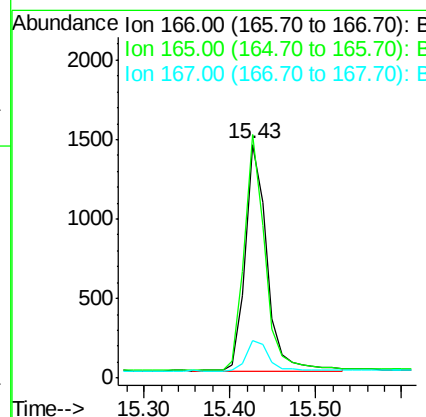
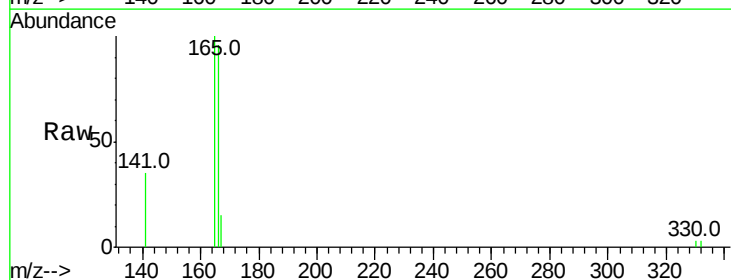
Instrument :
BNA_E
ClientSampleId :

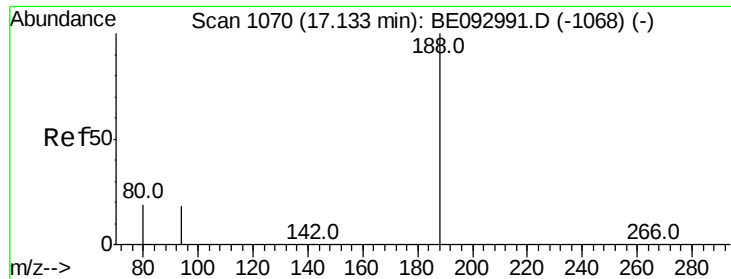
Tot Ion:154 Resp: 2019
Ion Ratio Lower Upper
154 100
153 438.7 367.8 551.6
152 220.7 188.2 282.2



#18
Fluorene
Concen: 0.41 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:166 Resp: 2496
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 14.1 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampled :

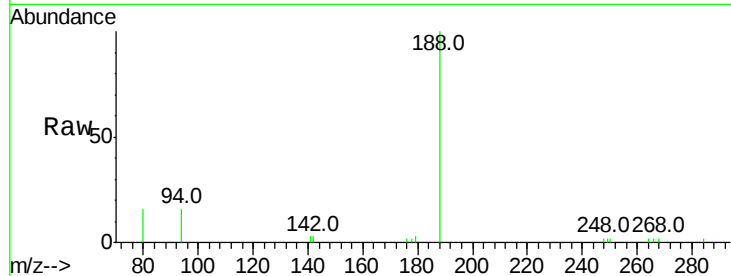
Tot Ion:188 Resp: 4226

Ion Ratio Lower Upper

188 100

94 15.6 11.3 16.9

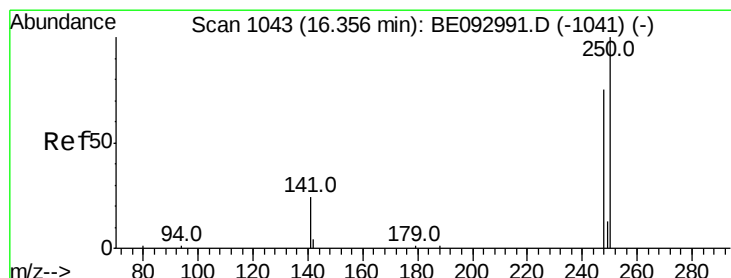
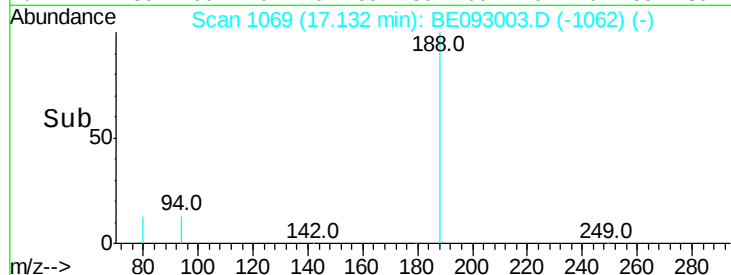
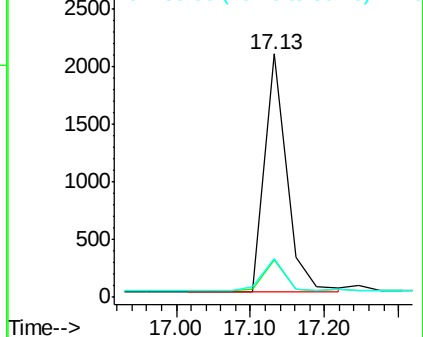
80 15.8 11.7 17.5



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: 0.36 ng

RT: 16.33 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

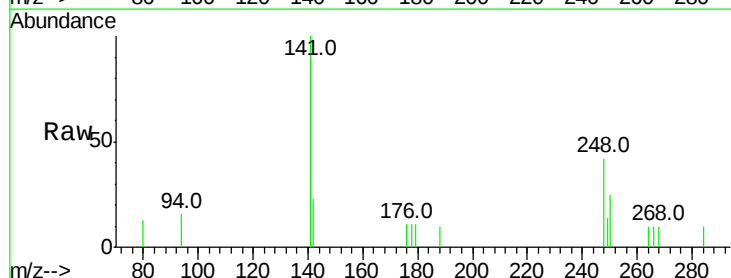
Tgt Ion:248 Resp: 492

Ion Ratio Lower Upper

248 100

250 59.6 100.0 150.0#

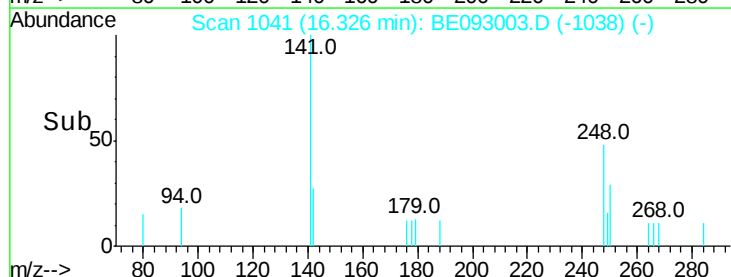
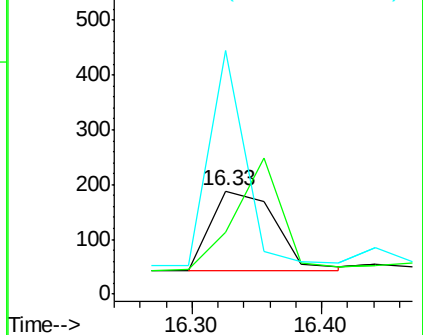
141 236.2 40.0 60.0#

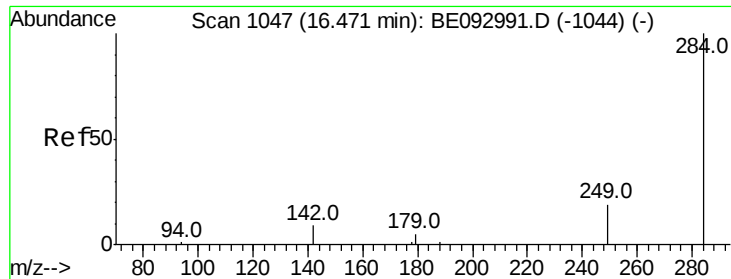


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

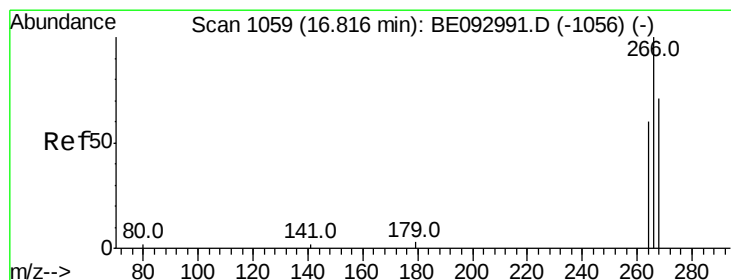
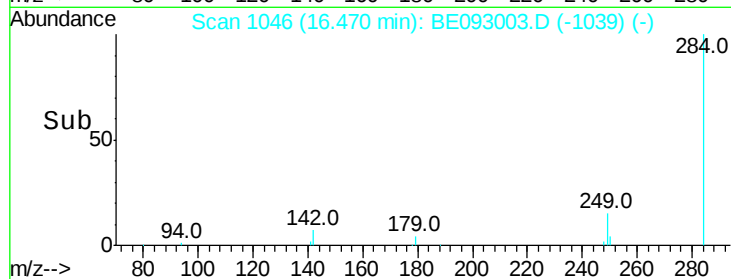
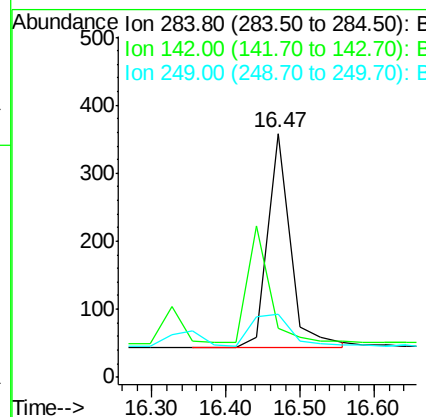
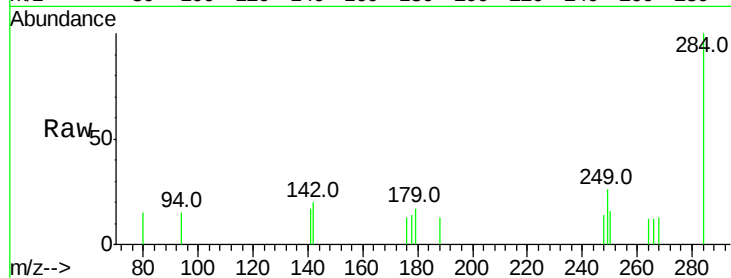




#21
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.47 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

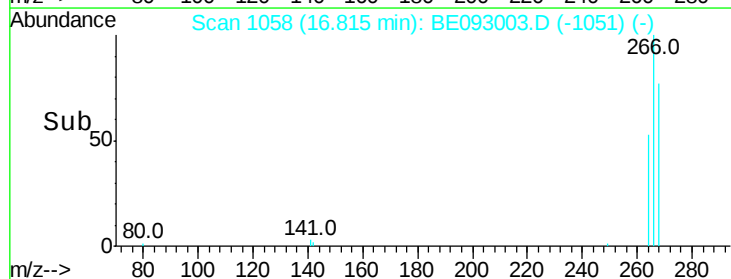
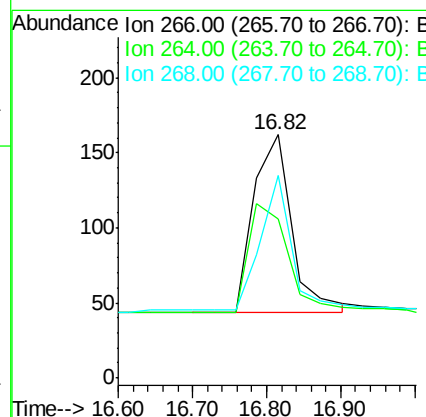
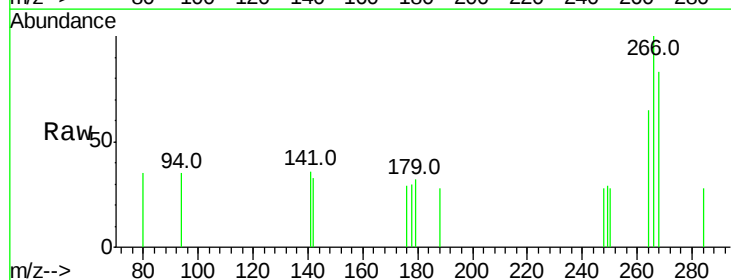
Instrument :
BNA_E
ClientSampled :

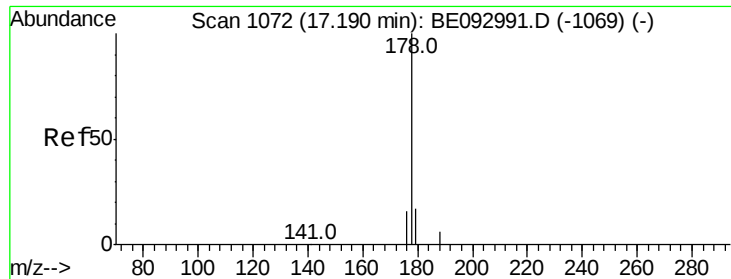
Tot Ion:284 Resp: 656
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.5 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.85 ng
RT: 16.82 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:266 Resp: 418
Ion Ratio Lower Upper
266 100
264 65.4 58.2 87.2
268 83.3 71.9 107.9

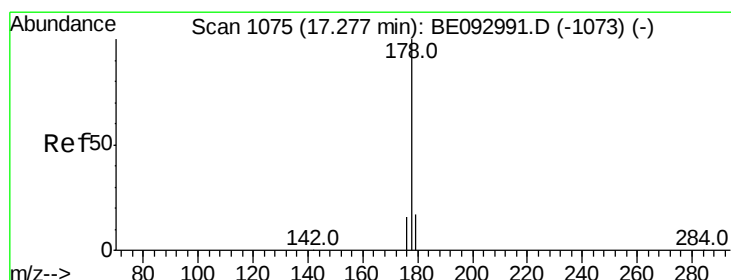
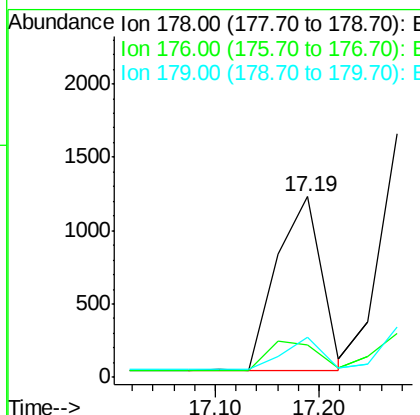
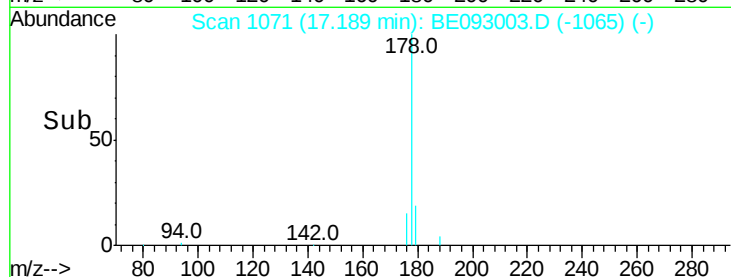
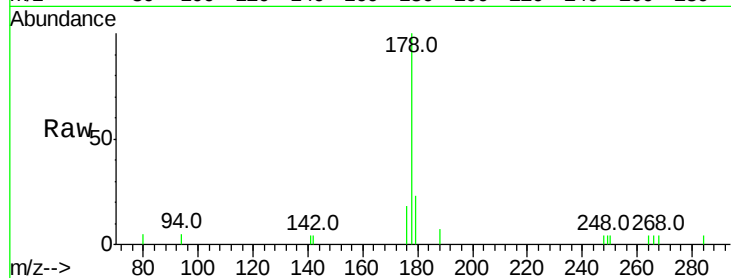




#23
Phenanthrene
Concen: 0.36 ng
RT: 17.19 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

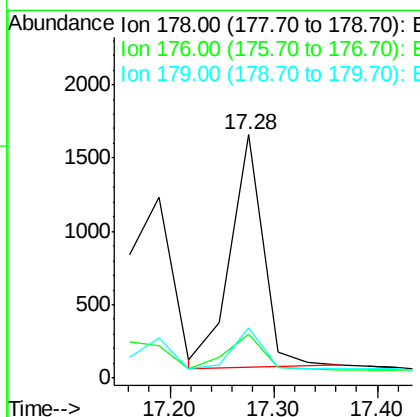
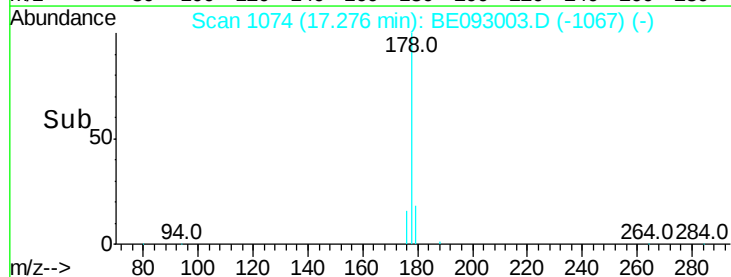
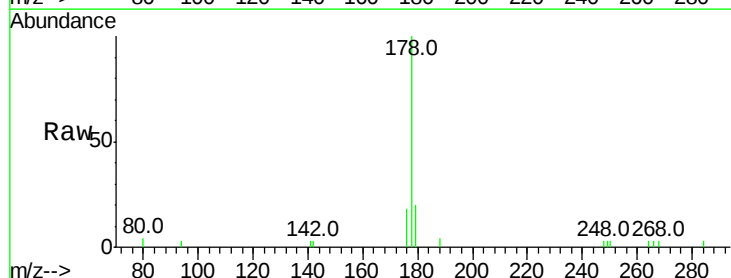
Instrument :
BNA_E
ClientSampleId :

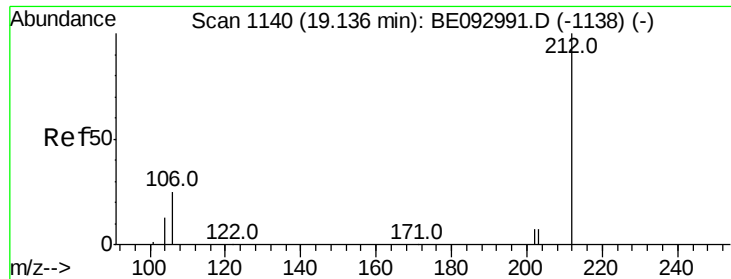
Tot Ion:178 Resp: 3535
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 16.5 12.7 19.1



#24
Anthracene
Concen: 0.40 ng
RT: 17.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:178 Resp: 3497
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 16.9 12.0 18.0

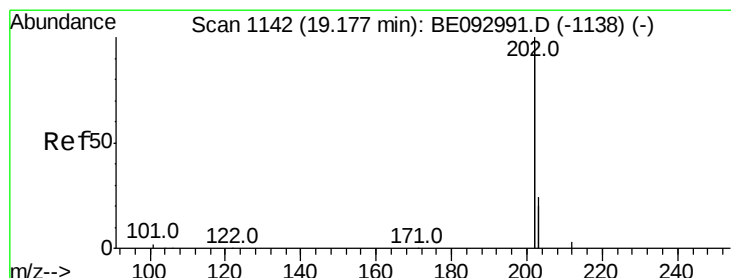
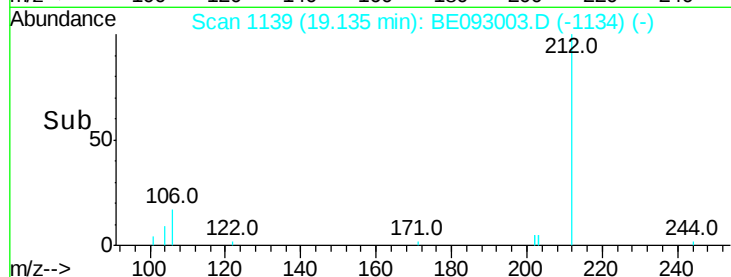
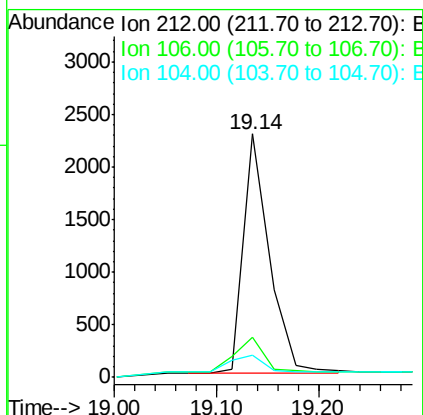
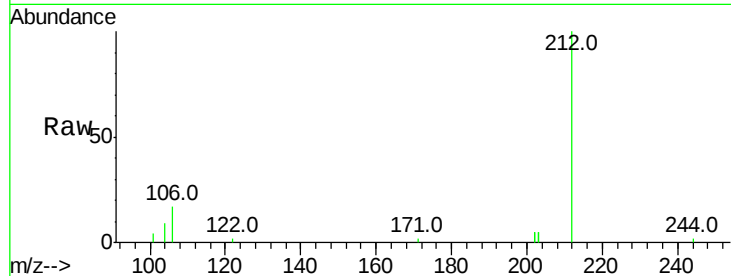




#25
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.14 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BE093003.D
 Acq: 11 May 2017 19:23

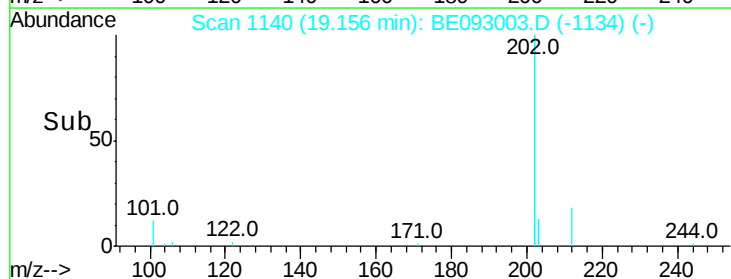
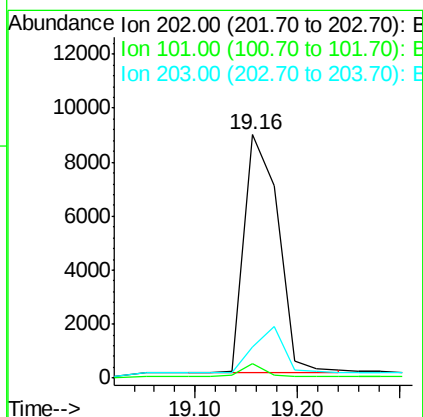
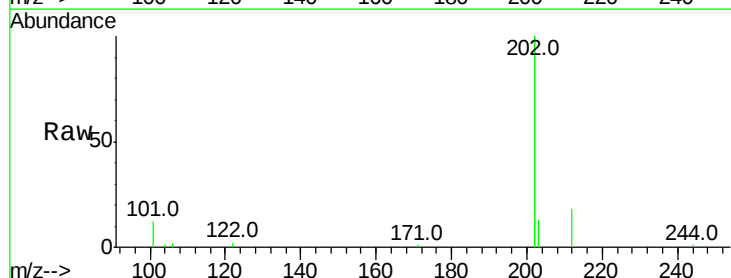
Instrument :
 BNA_E
 ClientSampleId :

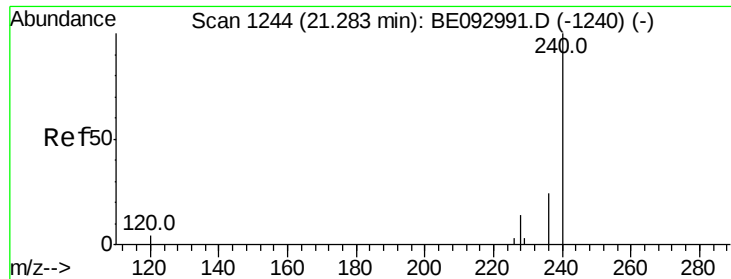
Tot Ion:212 Resp: 4023
 Ion Ratio Lower Upper
 212 100
 106 15.8 0.0 0.0#
 104 8.6 0.0 0.0#



#26
 Fluoranthene
 Concen: 0.38 ng
 RT: 19.16 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BE093003.D
 Acq: 11 May 2017 19:23

Tgt Ion:202 Resp: 20681
 Ion Ratio Lower Upper
 202 100
 101 3.7 0.0 0.0#
 203 0.0 14.4 21.6#

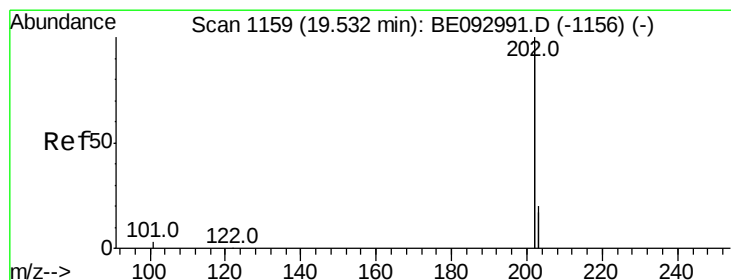
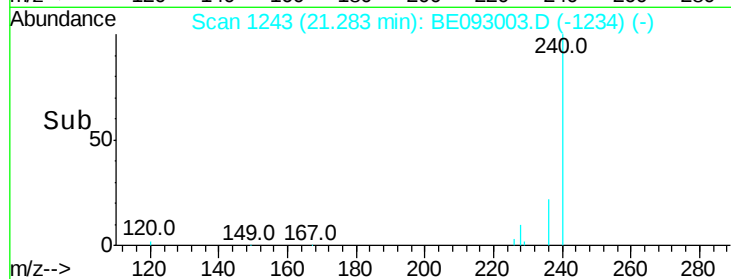
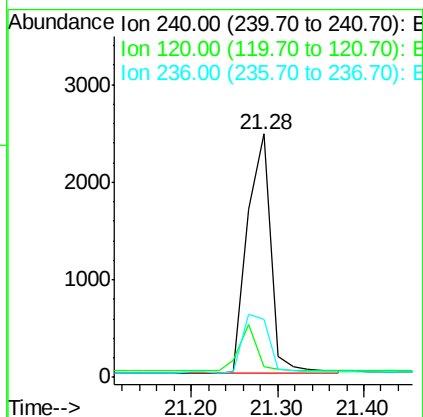
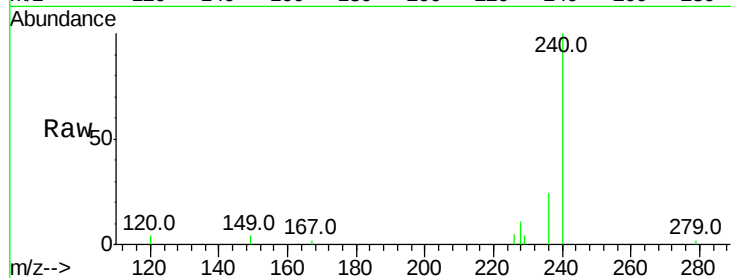




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

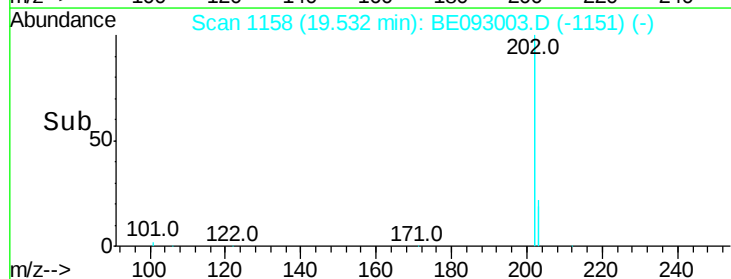
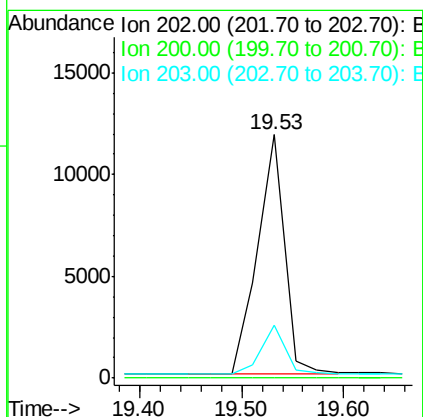
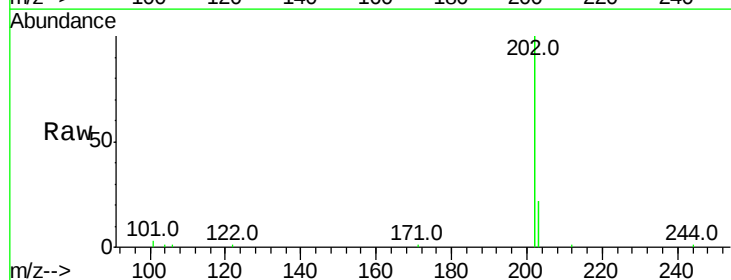
Instrument :
BNA_E
ClientSampleId :

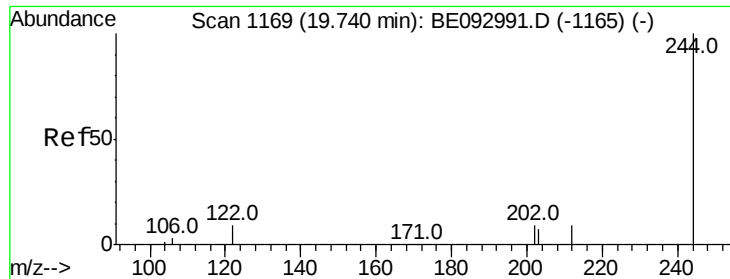
Tot Ion:240 Resp: 4630
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0#
236 23.6 20.8 31.2



#28
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE093003.D
Acq: 11 May 2017 19:23

Tgt Ion:202 Resp: 21492
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.2 13.7 20.5





#29

Terphenyl-d14

Concen: 0.57 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

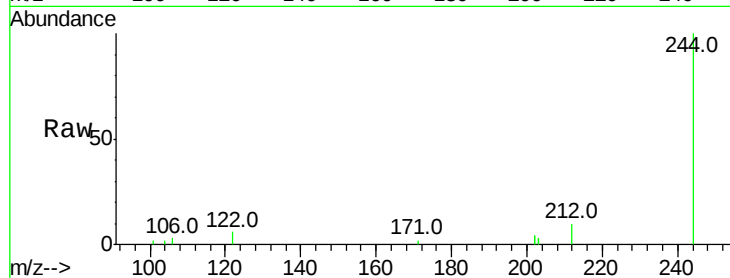
Tot Ion:244 Resp: 4684

Ion Ratio Lower Upper

244 100

212 9.7 10.6 16.0#

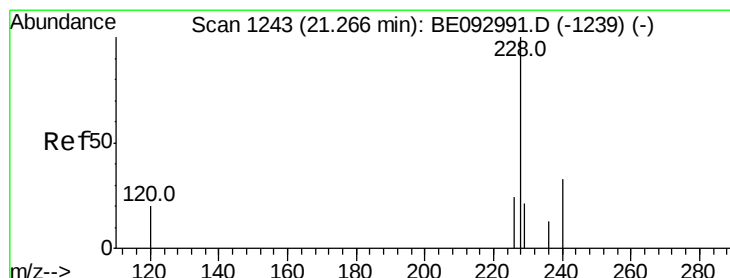
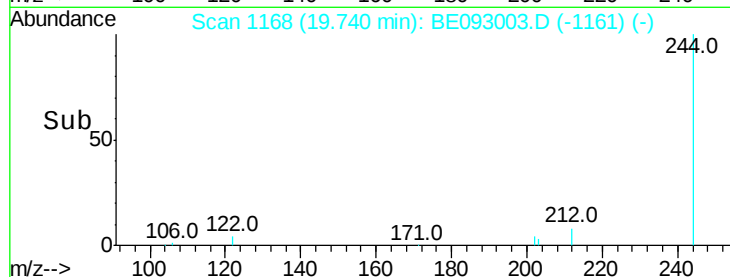
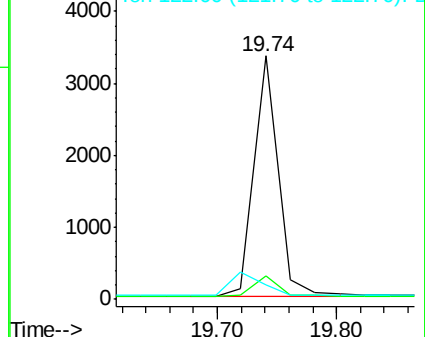
122 5.9 15.4 23.0#



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: 0.48 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

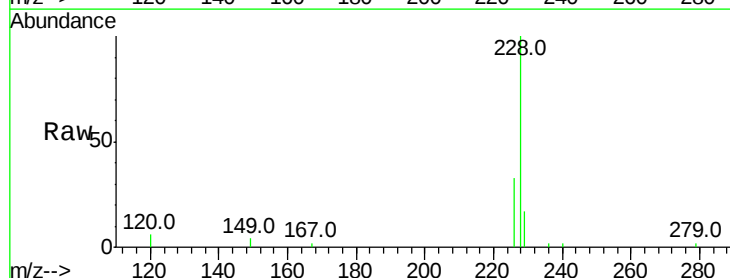
Tgt Ion:228 Resp: 5424

Ion Ratio Lower Upper

228 100

226 33.4 19.7 29.5#

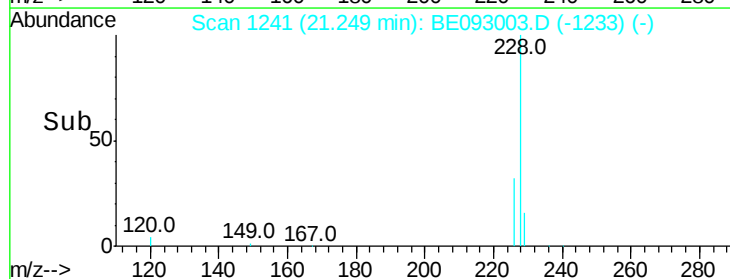
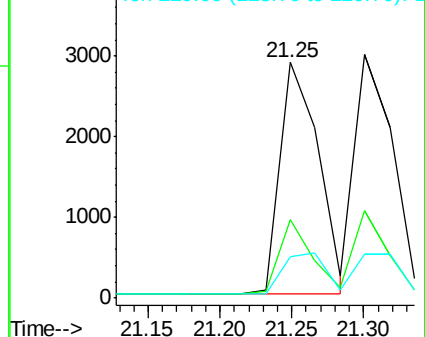
229 17.4 19.2 28.8#

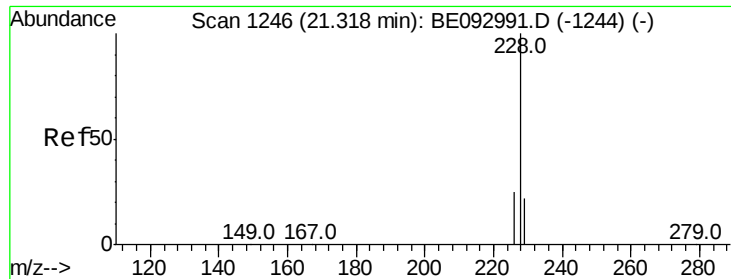


Abundance Ion 228.00 (227.70 to 228.70): E

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. -0.02 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

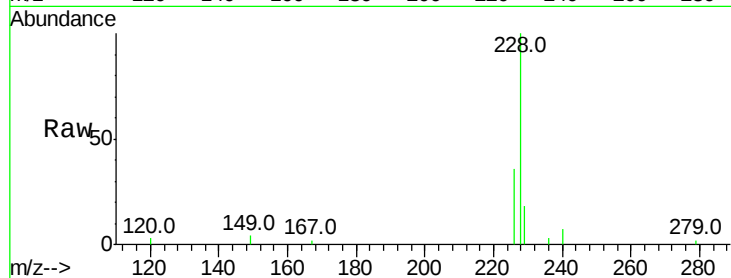
Tot Ion:228 Resp: 5603

Ion Ratio Lower Upper

228 100

226 35.7 21.5 32.3#

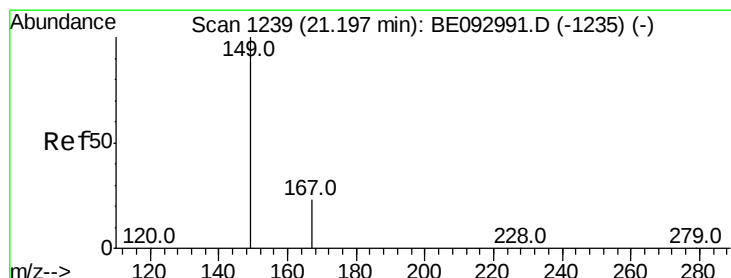
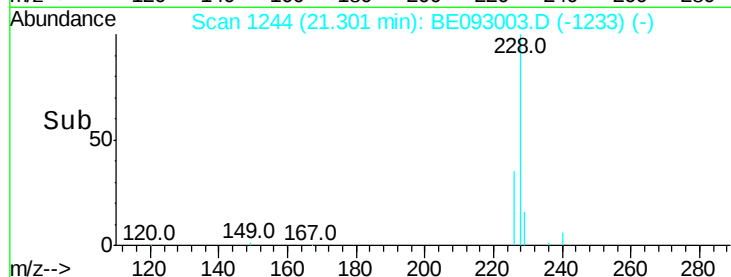
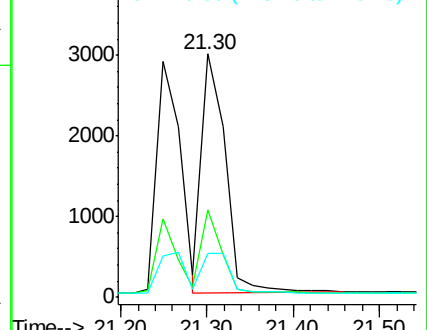
229 17.8 18.6 28.0#



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: 0.69 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

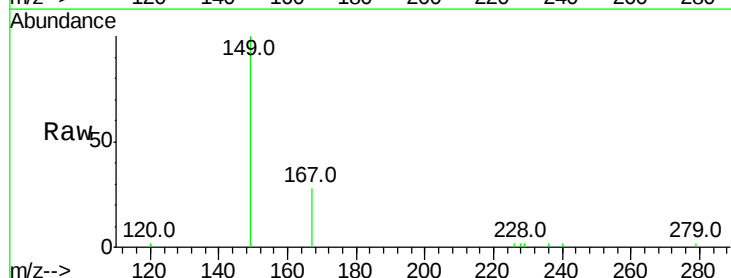
Tgt Ion:149 Resp: 3356

Ion Ratio Lower Upper

149 100

167 26.2 20.1 30.1

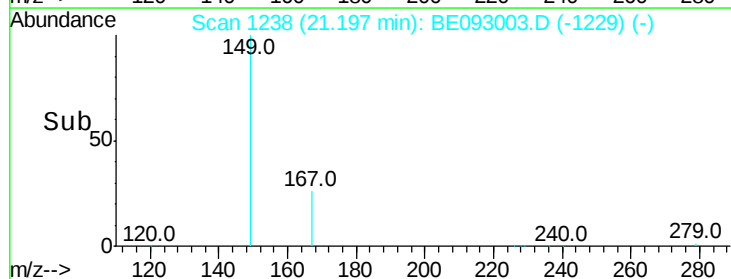
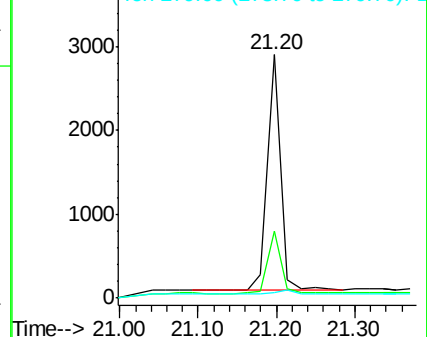
279 2.1 2.2 3.4#

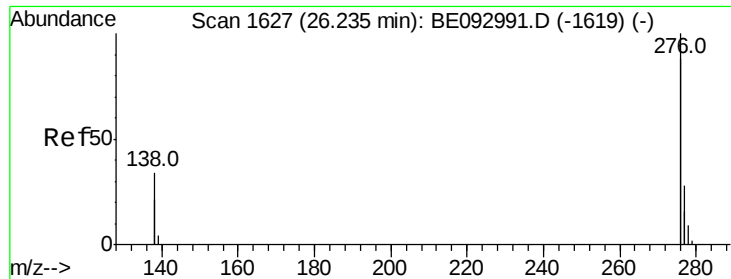


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

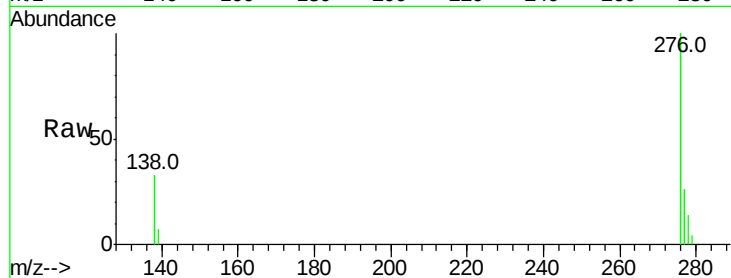




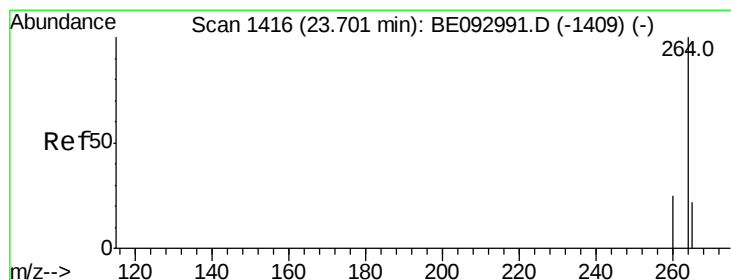
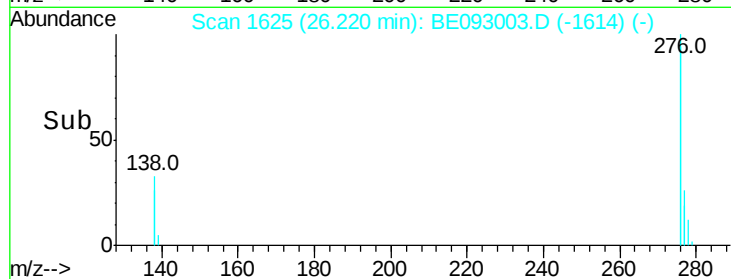
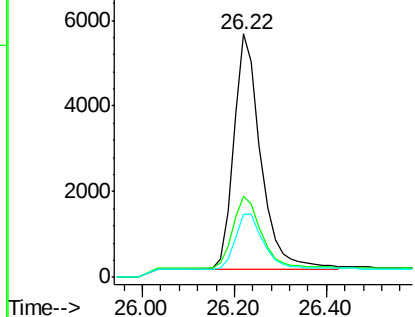
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.50 ng
 RT: 26.22 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BE093003.D
 Acq: 11 May 2017 19:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 22515
 Ion Ratio Lower Upper
 276 100
 138 33.0 27.4 41.2
 277 24.7 20.1 30.1

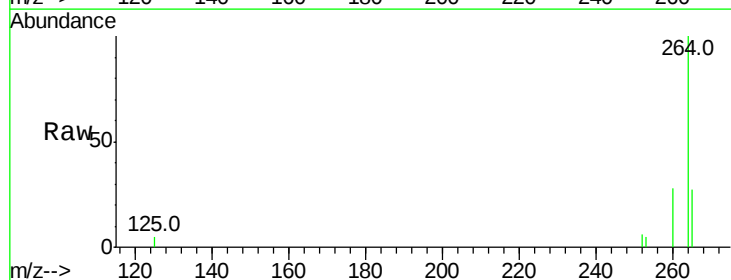


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

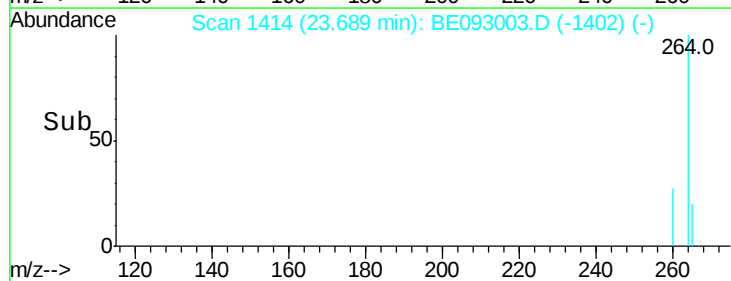
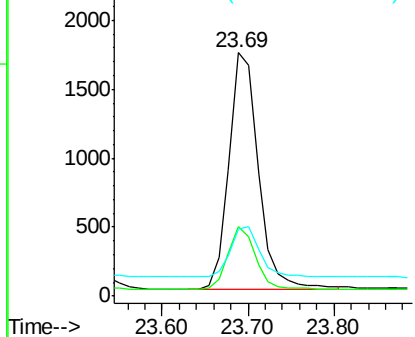


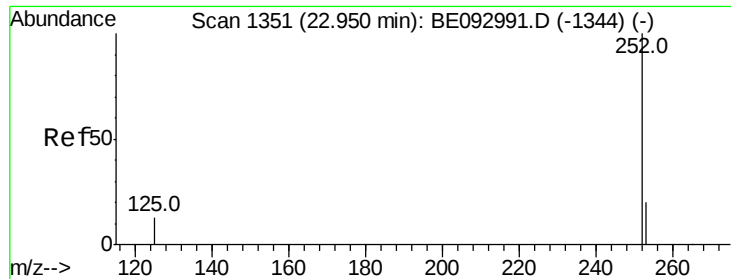
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093003.D
 Acq: 11 May 2017 19:23

Tgt Ion:264 Resp: 4086
 Ion Ratio Lower Upper
 264 100
 260 28.5 21.0 31.4
 265 27.3 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: 0.40 ng

RT: 22.95 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

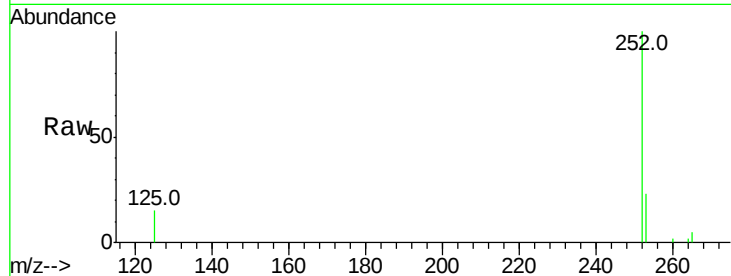
Tot Ion:252 Resp: 5276

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

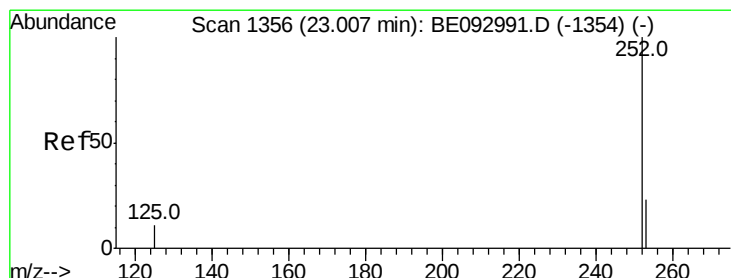
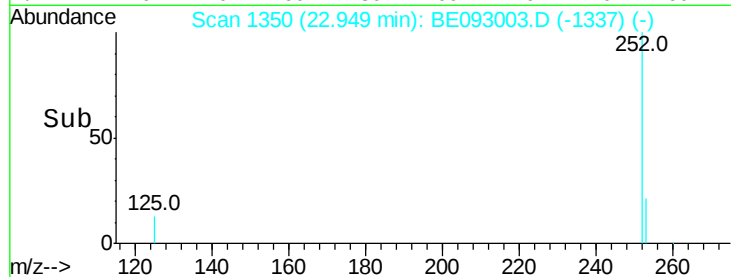
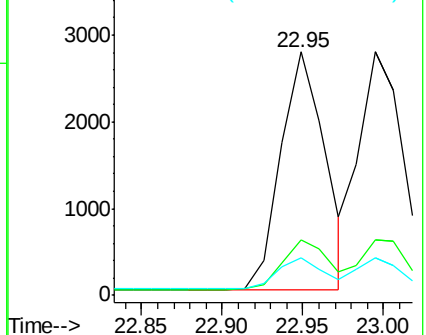
125 15.2 13.4 20.0



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: 0.41 ng

RT: 22.99 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

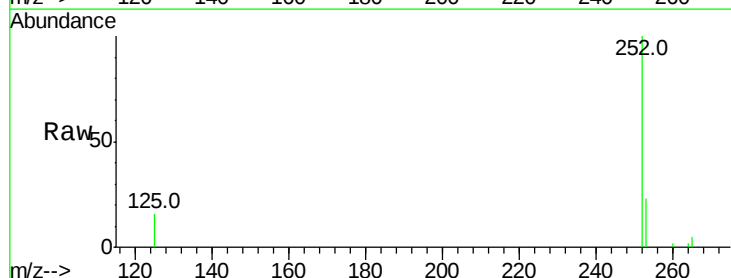
Tgt Ion:252 Resp: 5384

Ion Ratio Lower Upper

252 100

253 22.5 20.3 30.5

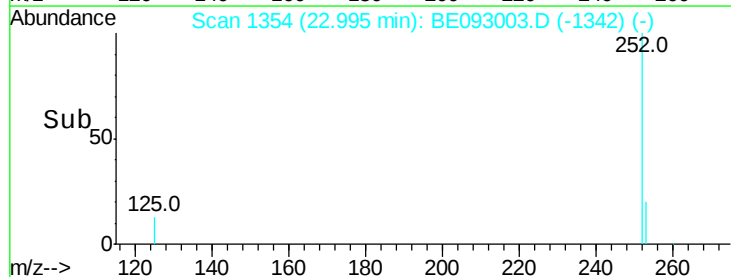
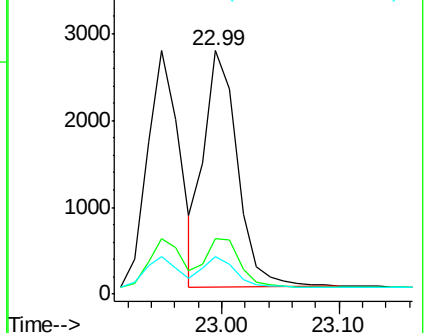
125 15.6 12.2 18.4

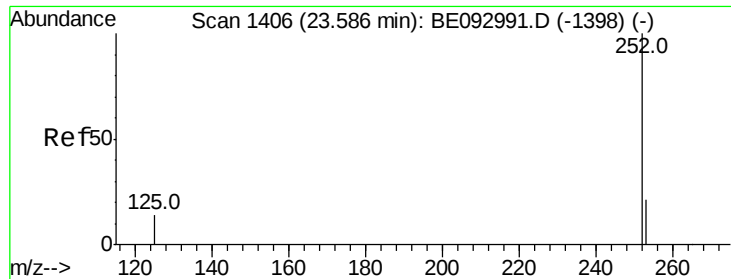


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.41 ng

RT: 23.58 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :

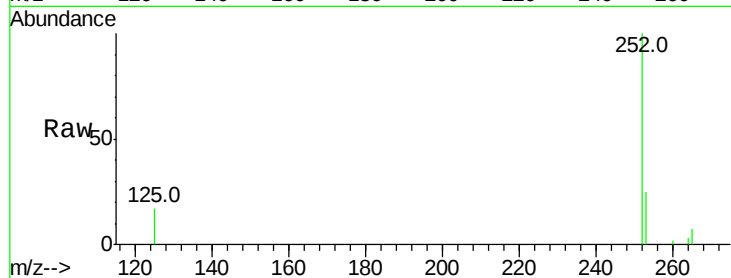
Tot Ion:252 Resp: 4692

Ion Ratio Lower Upper

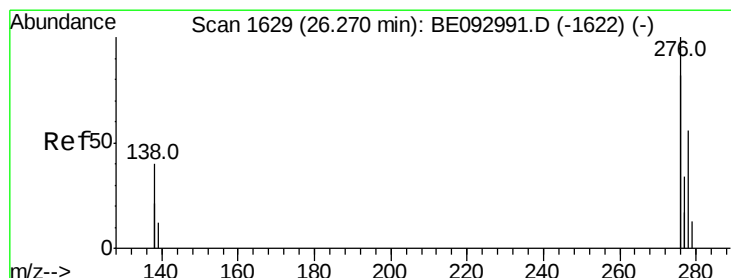
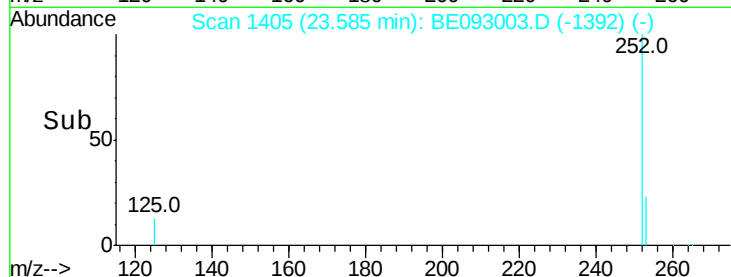
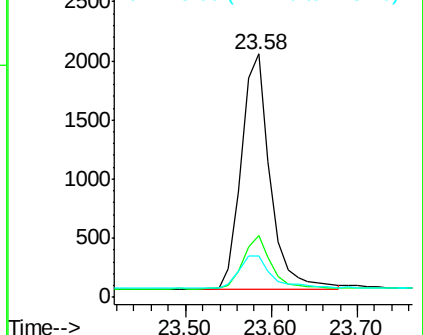
252 100

253 25.4 19.9 29.9

125 16.8 14.6 21.8



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: 0.44 ng

RT: 26.25 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE093003.D

Acq: 11 May 2017 19:23

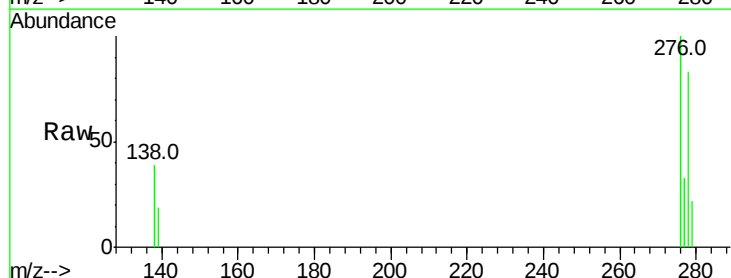
Tgt Ion:278 Resp: 4593

Ion Ratio Lower Upper

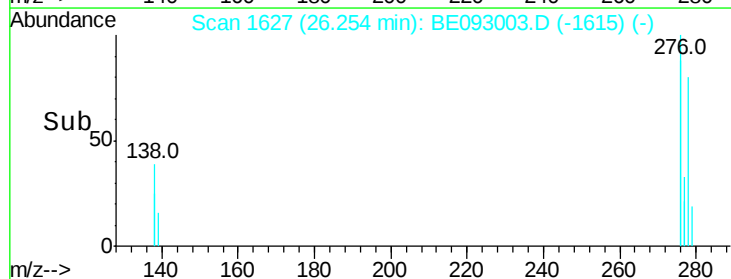
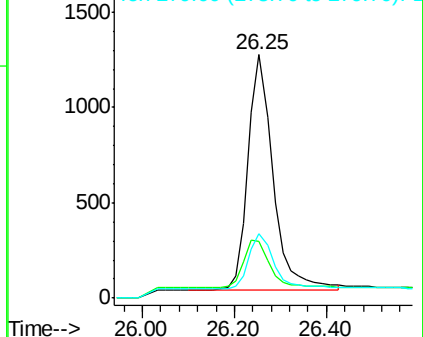
278 100

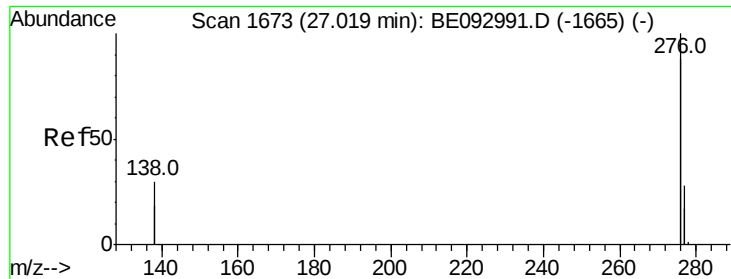
139 23.3 21.4 32.0

279 26.4 22.2 33.2



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: 0.41 ng

RT: 27.00 min Scan# 1671

Delta R.T. 0.00 min

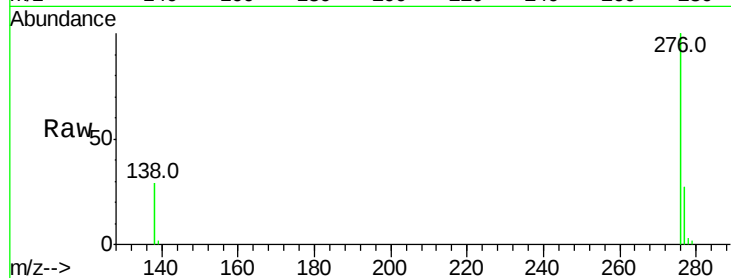
Lab File: BE093003.D

Acq: 11 May 2017 19:23

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 19445

Ion Ratio Lower Upper

276 100

277 26.8 21.2 31.8

138 29.0 24.5 36.7

