

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093027.D
 Acq On : 15 May 2017 10:24
 Operator : SJ/MA
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: May 15 12:09:10 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 12:09:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	915	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3854	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1884	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5433	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5164	0.40	ng	0.00
34) Perylene-d12	23.70	264	4429	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	997	0.40	ng	0.00
5) Phenol-d6	6.92	99	1328	0.42	ng	0.00
8) Nitrobenzene-d5	8.88	82	1162	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	2019	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	192	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2780	0.37	ng	0.00
25) Fluoranthene-d10	19.14	212	4626	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	3523	0.38	ng	0.00

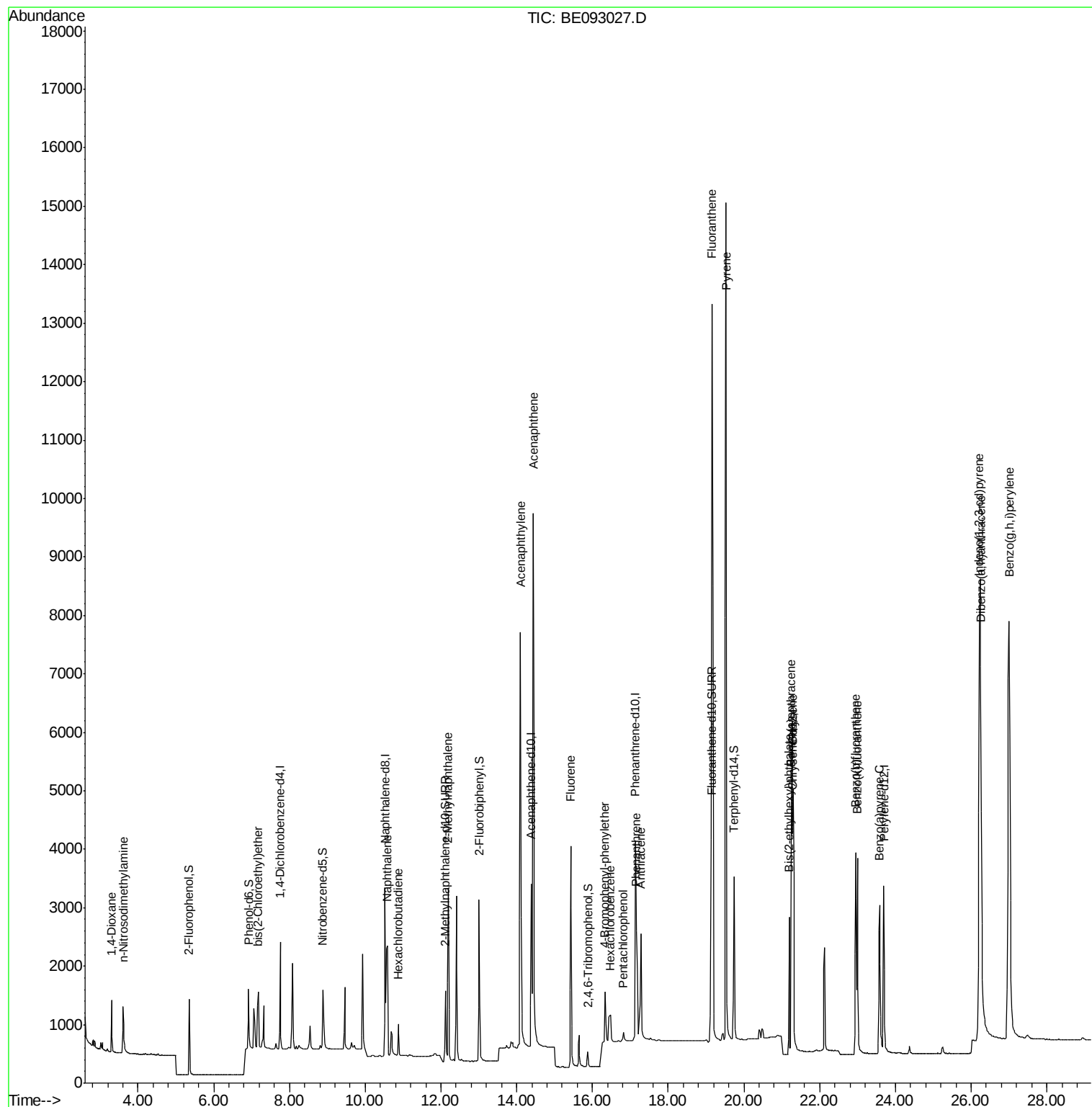
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	629	0.34	ng	99
3) n-Nitrosodimethylamine	3.61	42	579	0.37	ng	98
6) bis(2-Chloroethyl)ether	7.18	93	1083	0.35	ng	# 99
9) Naphthalene	10.58	128	3641	0.35	ng	99
10) Hexachlorobutadiene	10.87	225	470	0.33	ng	98
12) 2-Methylnaphthalene	12.19	142	2224	0.37	ng	96
16) Acenaphthylene	14.10	152	11203	0.35	ng	100
17) Acenaphthene	14.44	154	2084	0.36	ng	98
18) Fluorene	15.43	166	2567	0.35	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	539	0.31	ng	# 1
21) Hexachlorobenzene	16.47	284	706	0.27	ng	# 100
22) Pentachlorophenol	16.82	266	181	0.28	ng	96
23) Phenanthrene	17.16	178	3670	0.28	ng	# 80
24) Anthracene	17.28	178	3237	0.29	ng	98
26) Fluoranthene	19.16	202	21109	0.30	ng	# 59
28) Pyrene	19.53	202	22939	0.35	ng	# 97
30) Benzo(a)anthracene	21.25	228	5024	0.40	ng	# 85
31) Chrysene	21.30	228	5338	0.34	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.20	149	2279	0.41	ng	97
33) Indeno(1,2,3-cd)pyrene	26.22	276	19395	0.38	ng	99
35) Benzo(b)fluoranthene	22.95	252	4791	0.34	ng	99
36) Benzo(k)fluoranthene	22.99	252	4951	0.35	ng	96
37) Benzo(a)pyrene	23.58	252	4382	0.35	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	4126	0.37	ng	99
39) Benzo(g,h,i)perylene	27.00	276	18161	0.35	ng	99

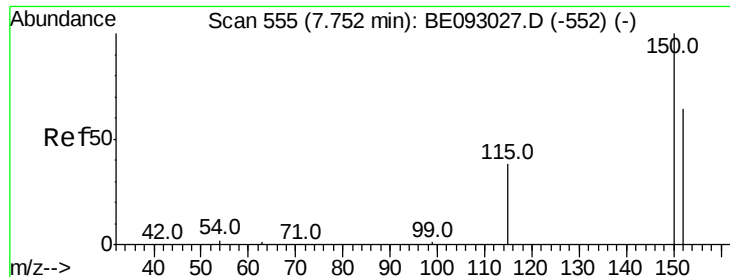
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093027.D
Acq On : 15 May 2017 10:24
Operator : SJ/MA
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: May 15 12:09:10 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 12:09:24 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

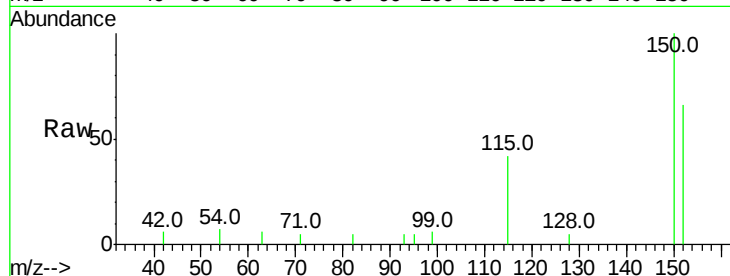
Tot Ion:152 Resp: 915

Ion Ratio Lower Upper

152 100

150 152.3 125.1 187.7

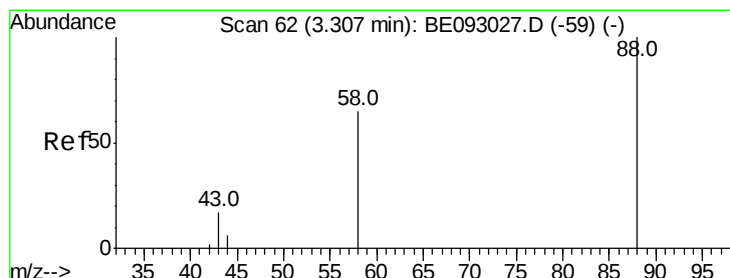
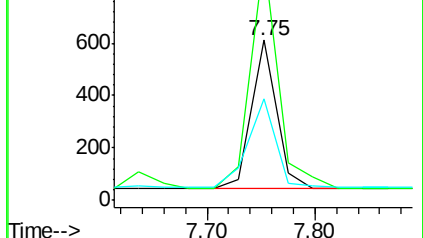
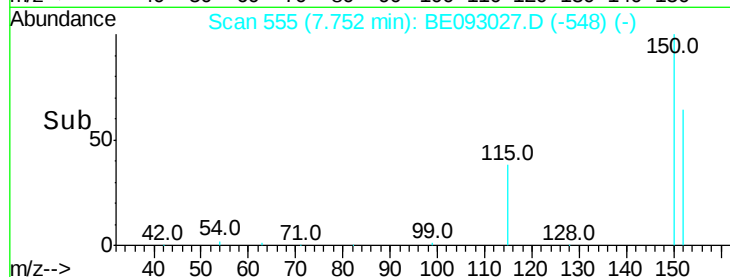
115 63.8 55.7 83.5



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: 0.34 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

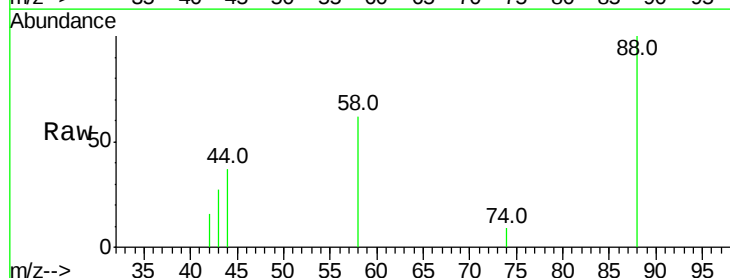
Tgt Ion: 88 Resp: 629

Ion Ratio Lower Upper

88 100

58 78.1 62.2 93.4

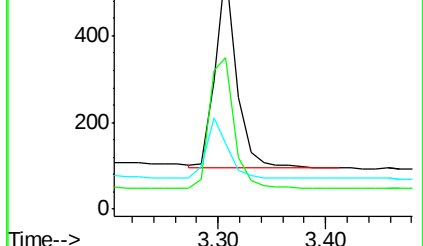
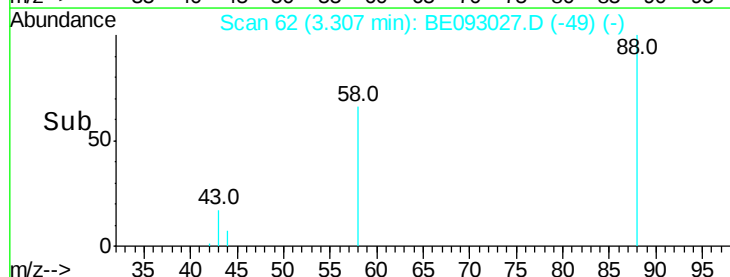
43 29.9 23.2 34.8

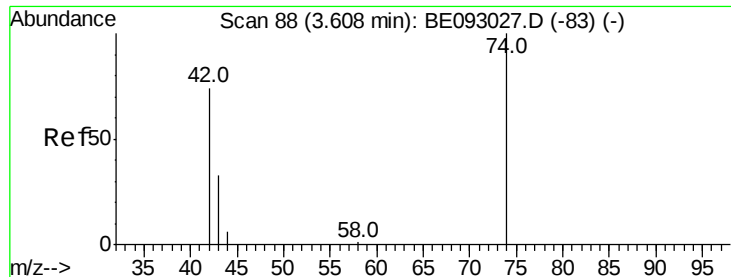


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



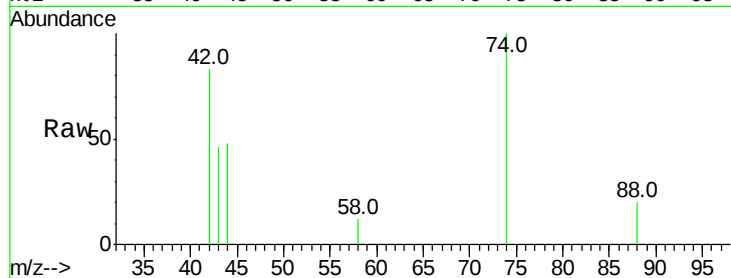


#3

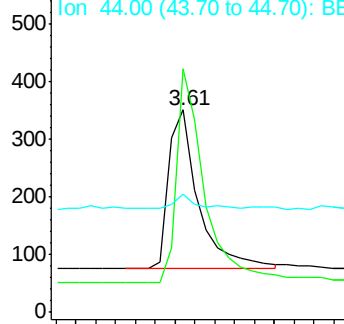
n-Nitrosodimethylamine
 Concen: 0.37 ng
 RT: 3.61 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE093027.D
 Acq: 15 May 2017 10:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

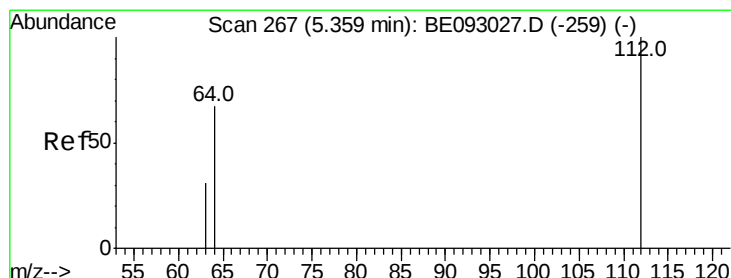
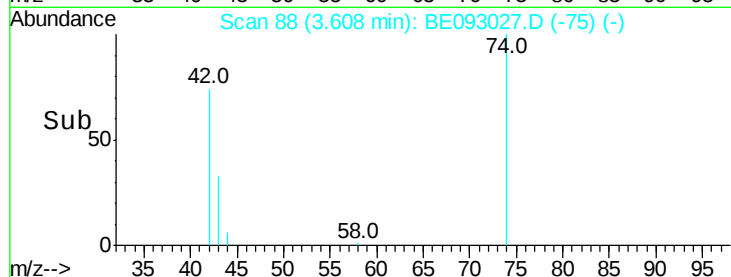
Tot Ion: 42 Resp: 579
 Ion Ratio Lower Upper
 42 100
 74 125.4 99.1 148.7
 44 7.6 7.4 11.2



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



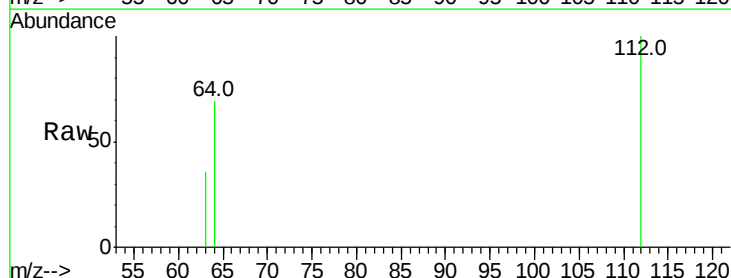
Time-->



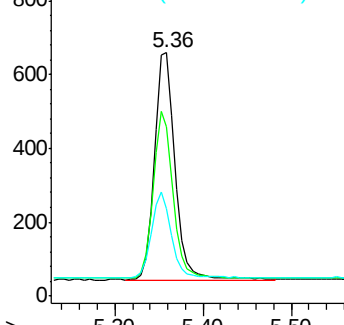
#4

2-Fluorophenol
 Concen: 0.40 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: BE093027.D
 Acq: 15 May 2017 10:24

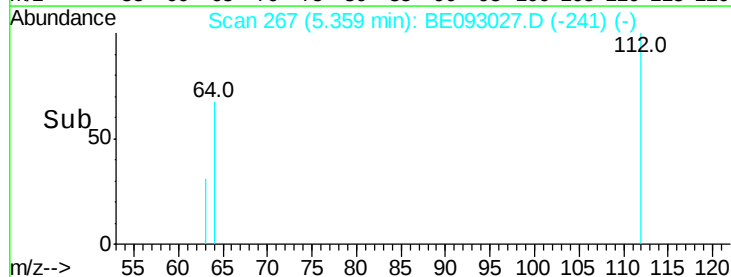
Tgt Ion: 112 Resp: 997
 Ion Ratio Lower Upper
 112 100
 64 71.0 56.4 84.6
 63 36.8 29.3 43.9

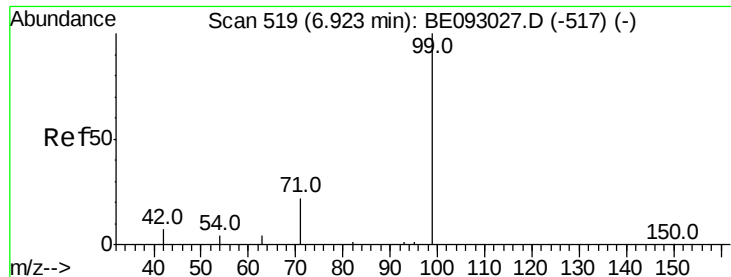


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.42 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

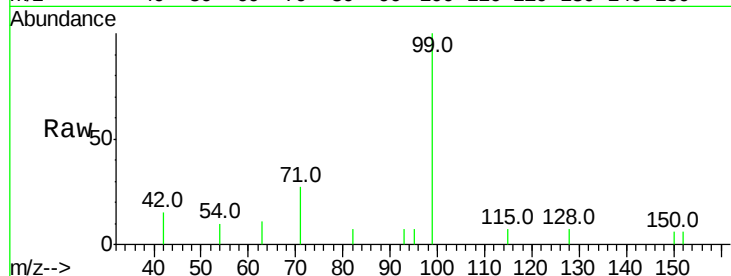
Tot Ion: 99 Resp: 1328

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

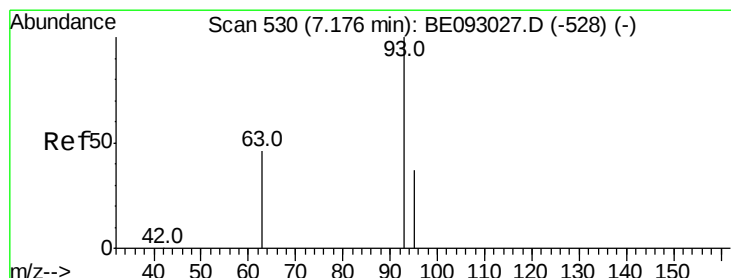
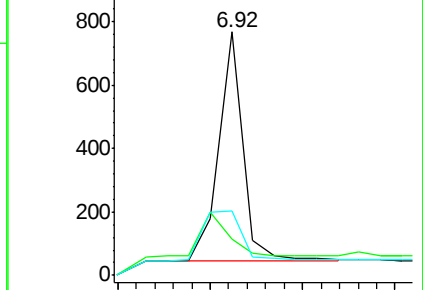
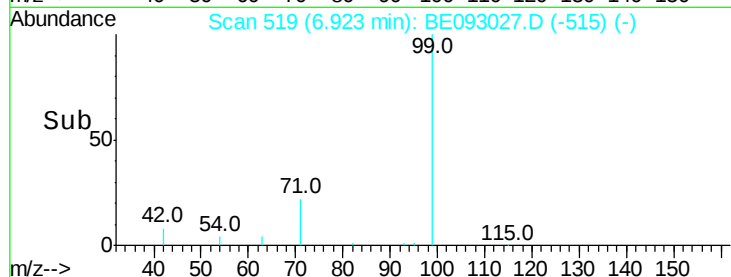
71 34.3 0.0 0.0#



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: 0.35 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

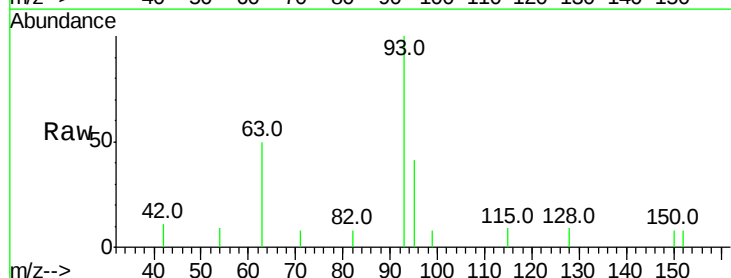
Tgt Ion: 93 Resp: 1083

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

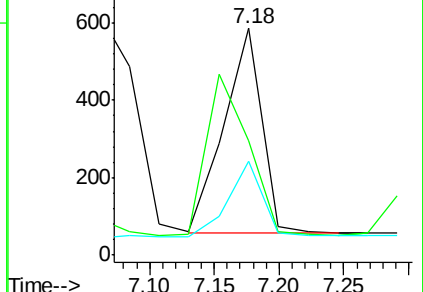
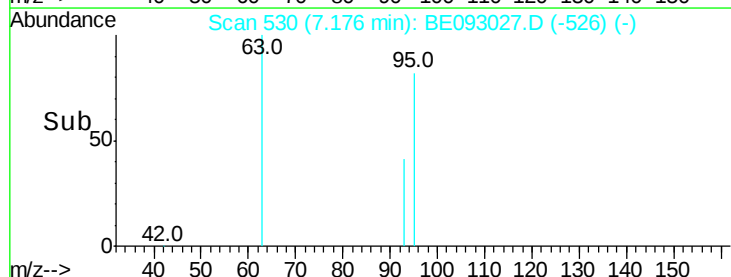
95 32.5 25.4 38.0

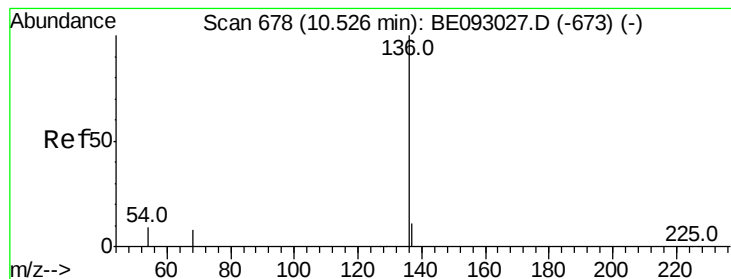


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 3854

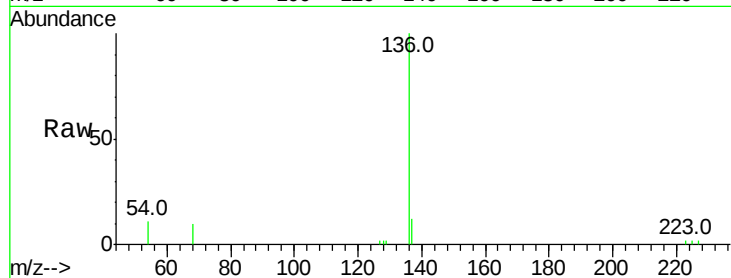
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 10.9 10.3 15.5

68 9.8 9.0 13.4

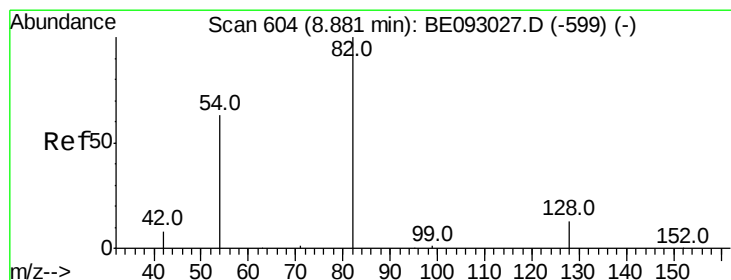
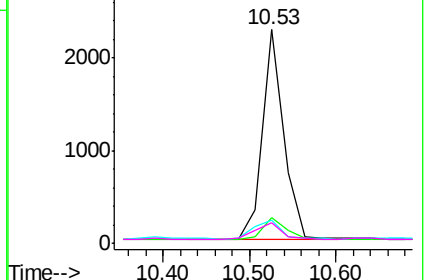
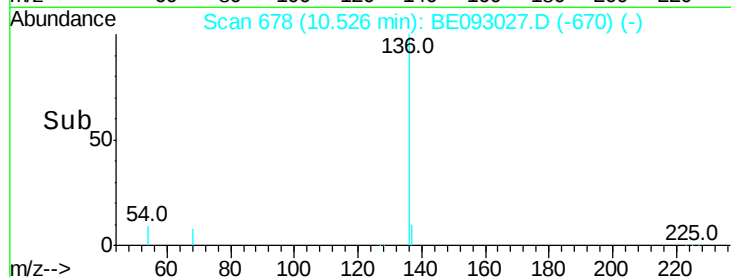


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

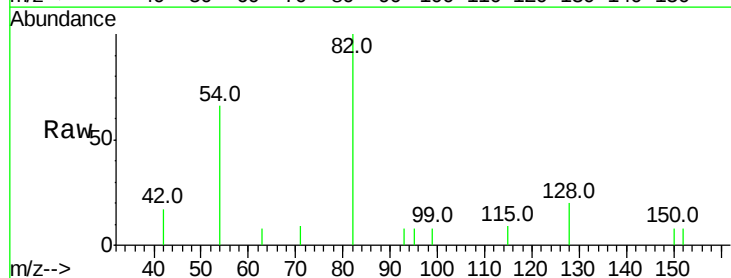
Tgt Ion: 82 Resp: 1162

Ion Ratio Lower Upper

82 100

128 19.9 17.0 25.4

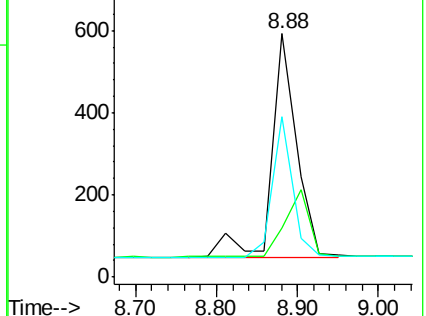
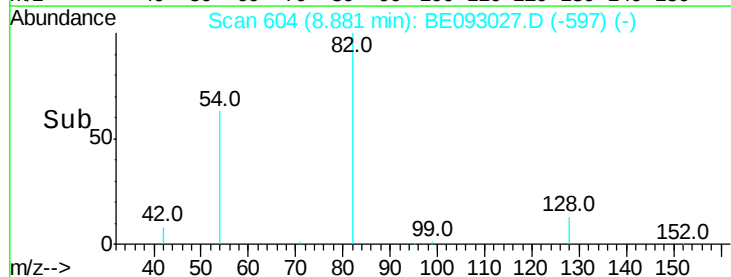
54 66.1 53.8 80.6

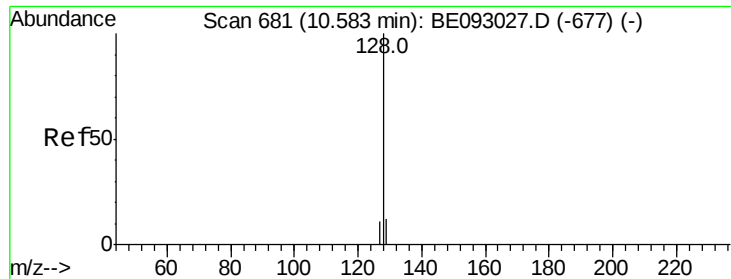


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

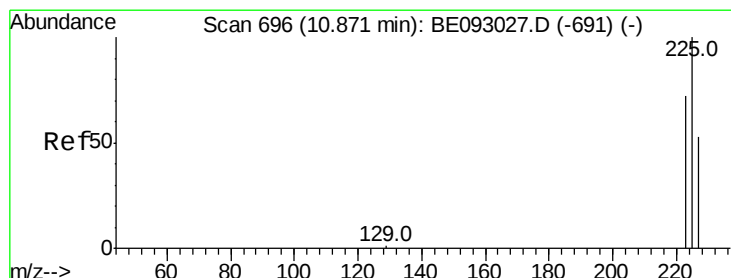
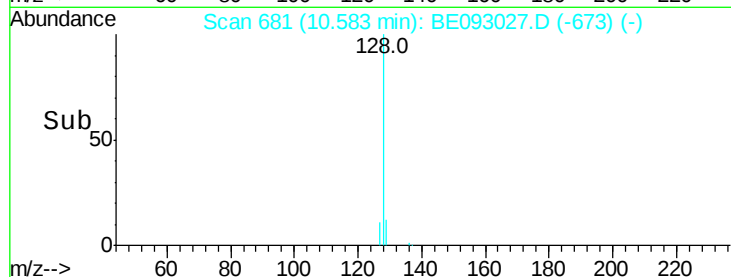
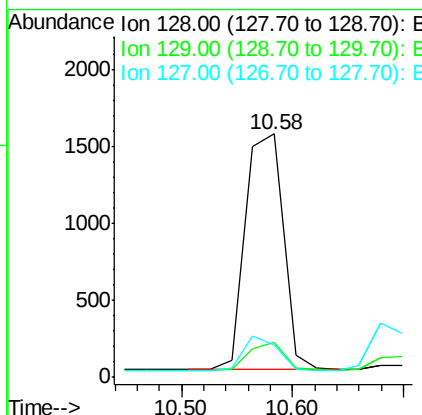
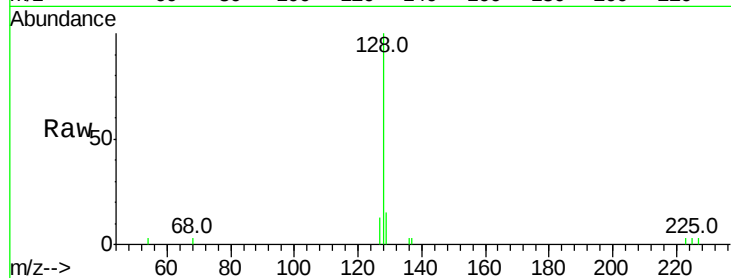




#9
Naphthalene
Concen: 0.35 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

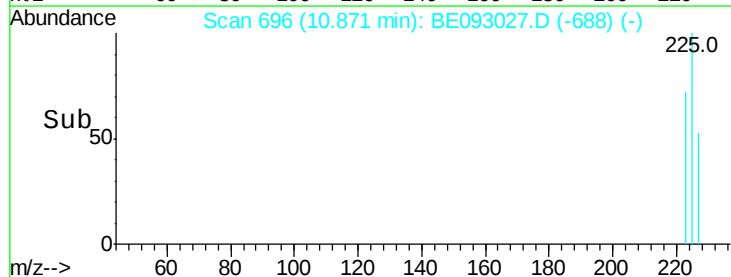
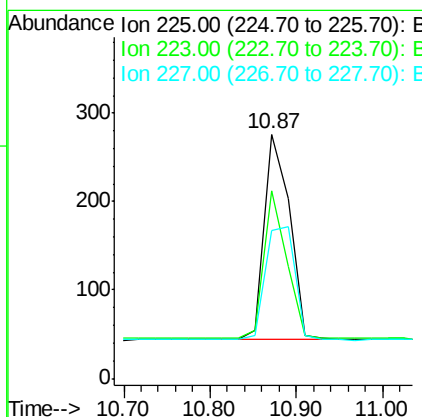
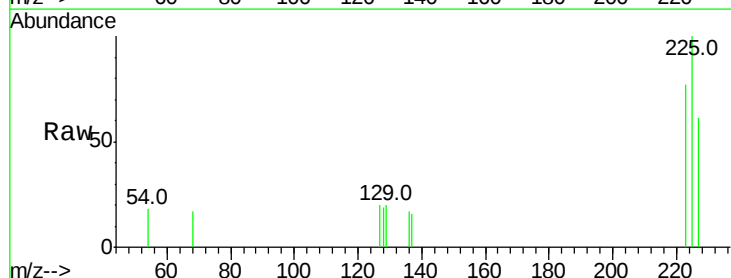
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

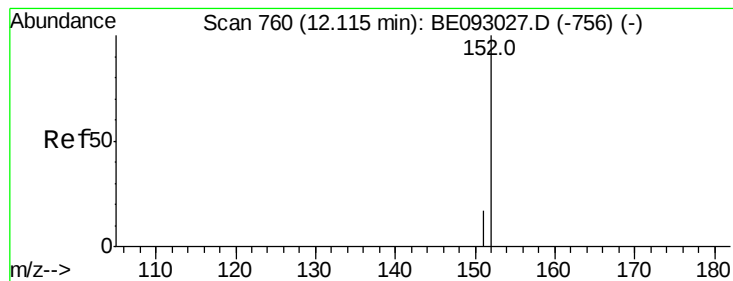
Tot Ion:128 Resp: 3641
Ion Ratio Lower Upper
128 100
129 14.6 11.4 17.0
127 13.4 11.2 16.8



#10
Hexachlorobutadiene
Concen: 0.33 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Tgt Ion:225 Resp: 470
Ion Ratio Lower Upper
225 100
223 64.5 49.7 74.5
227 64.0 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.12 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

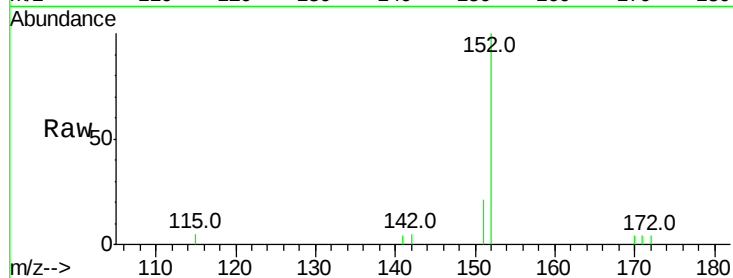
SSTDICCC0.4

Tot Ion:152 Resp: 2019

Ion Ratio Lower Upper

152 100

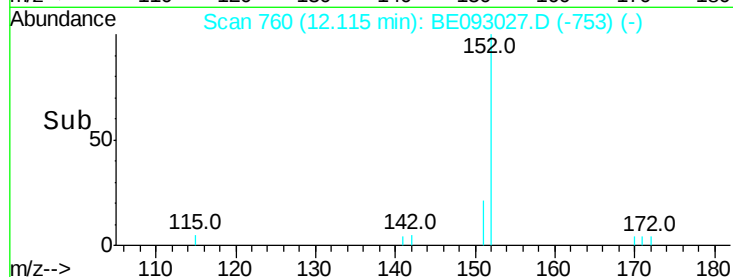
151 19.3 15.1 22.7



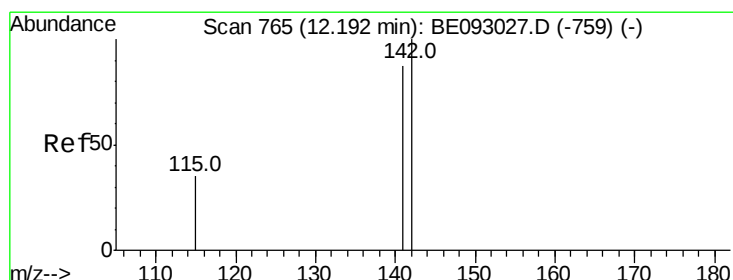
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12



Time-->



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

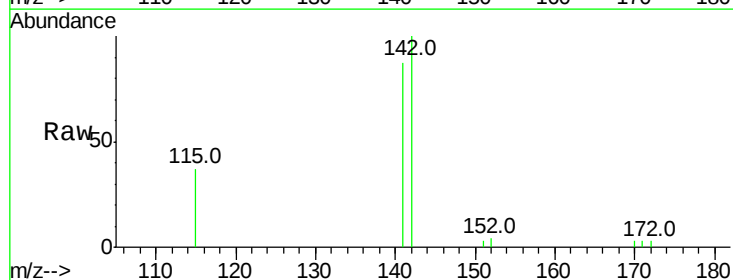
Tgt Ion:142 Resp: 2224

Ion Ratio Lower Upper

142 100

141 86.9 72.6 108.8

115 37.5 32.2 48.2

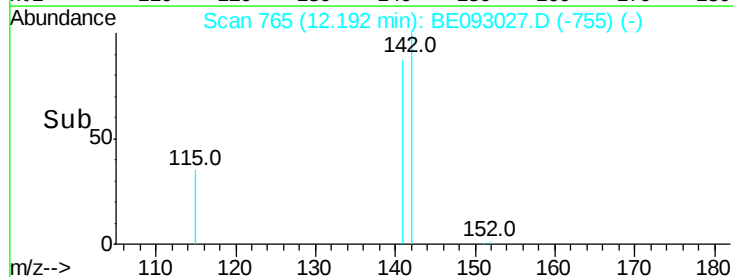


Abundance Ion 142.00 (141.70 to 142.70): E

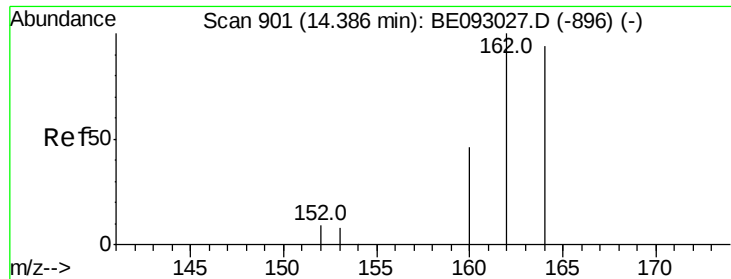
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19



Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

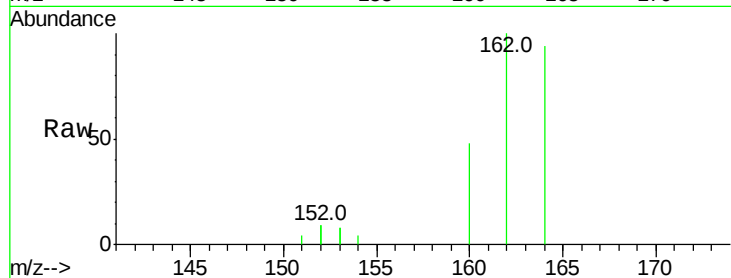
Tot Ion:164 Resp: 1884

Ion Ratio Lower Upper

164 100

162 106.2 84.6 127.0

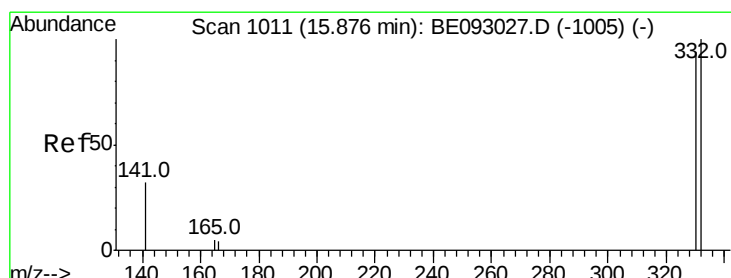
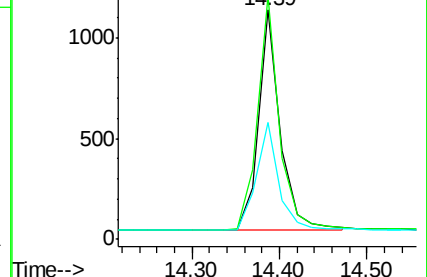
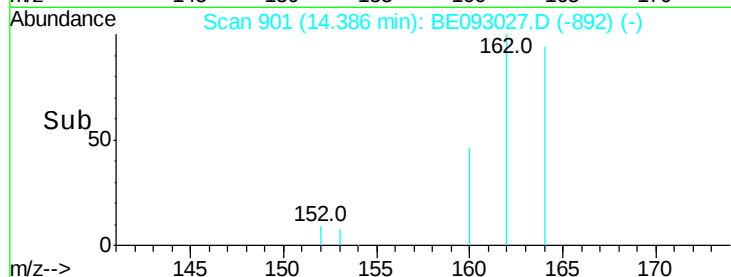
160 50.7 41.8 62.6



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: 0.37 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

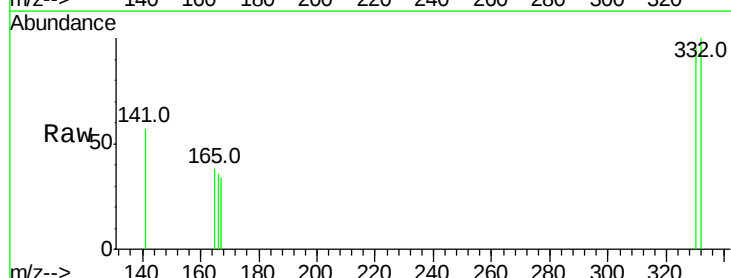
Tgt Ion:330 Resp: 192

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

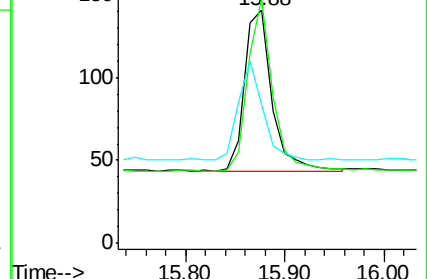
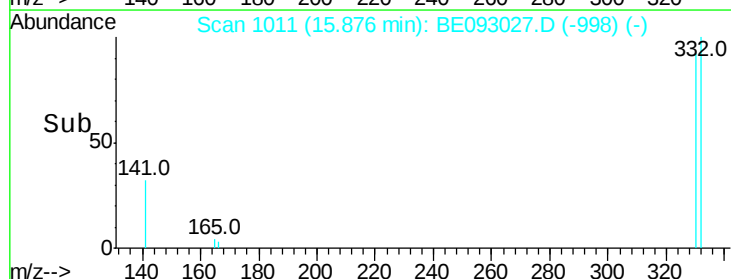
141 53.6 56.2 84.4#

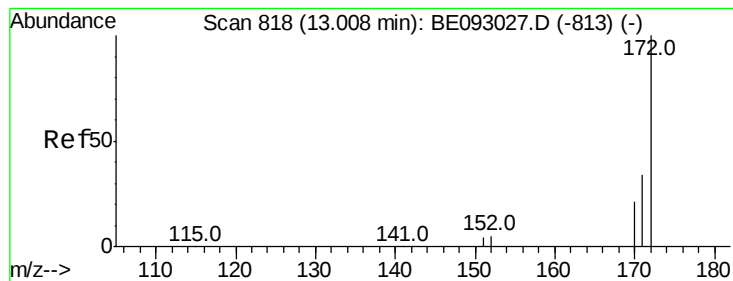


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

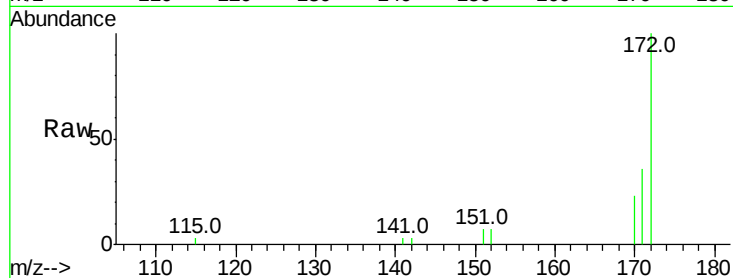
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:172 Resp: 2780

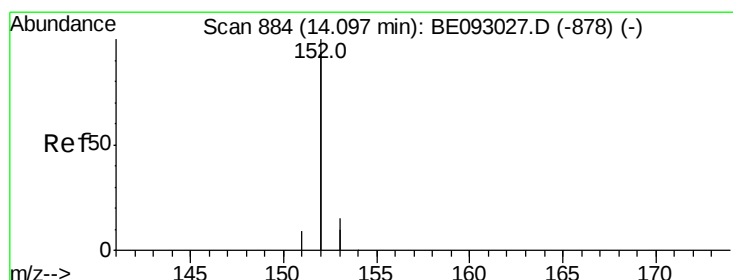
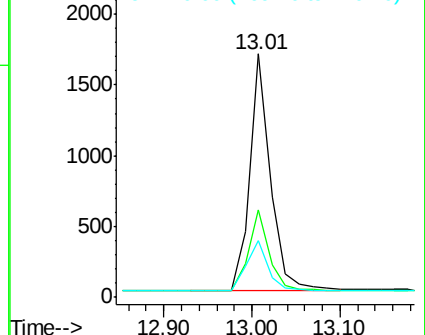
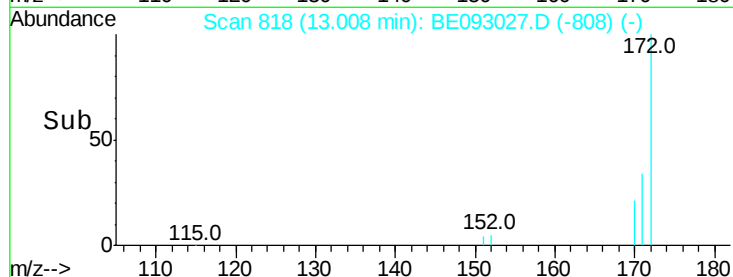
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	23.5	20.7	31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.35 ng

RT: 14.10 min Scan# 884

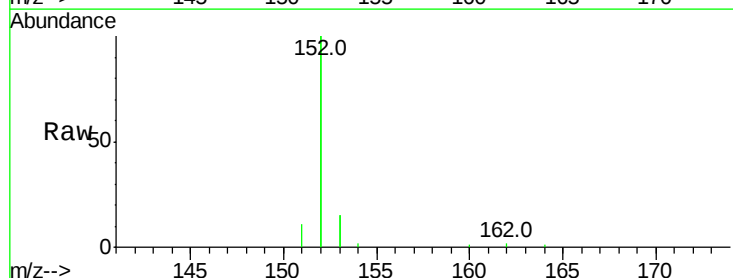
Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Tgt Ion:152 Resp: 11203

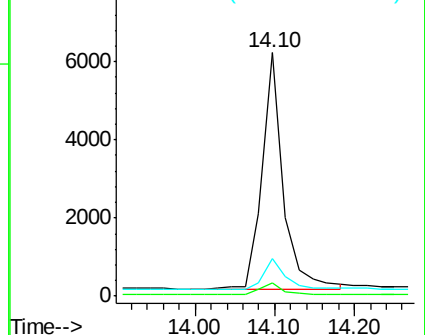
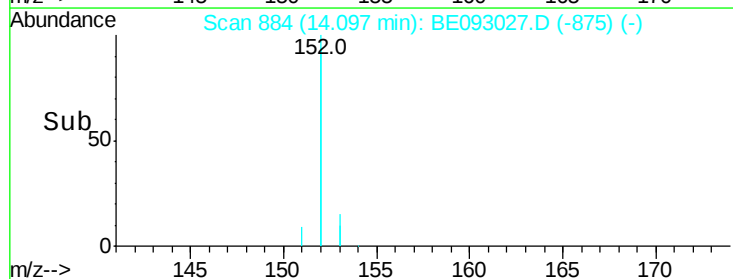
Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.1	10.3	15.5

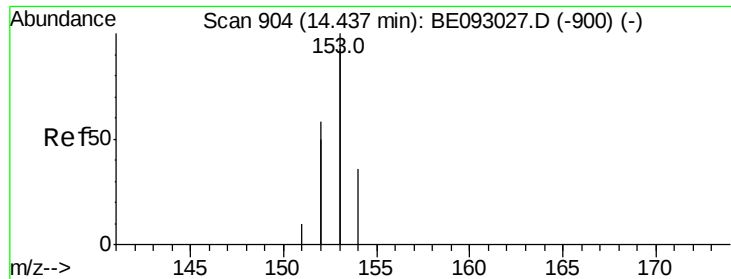


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

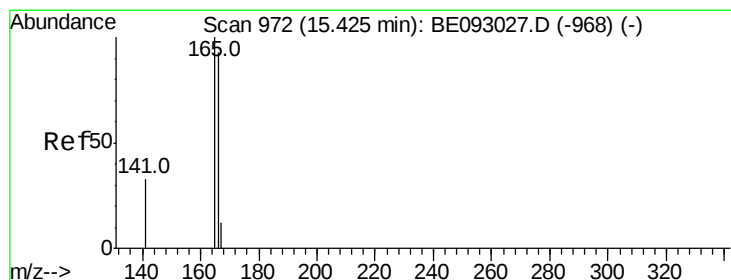
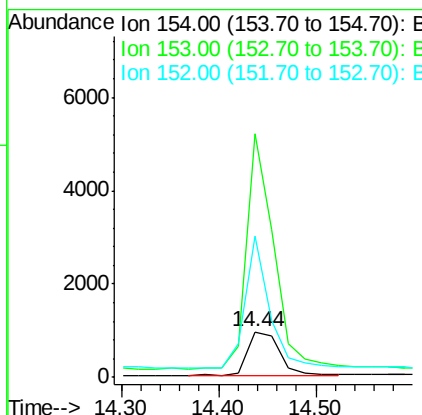
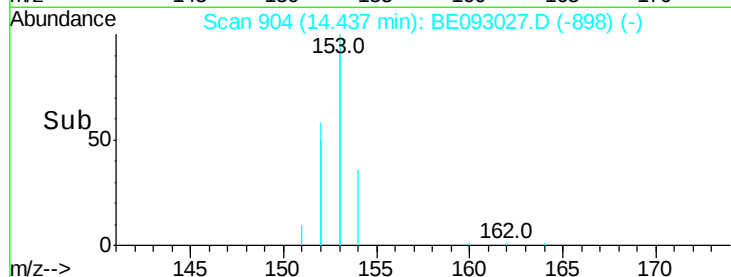
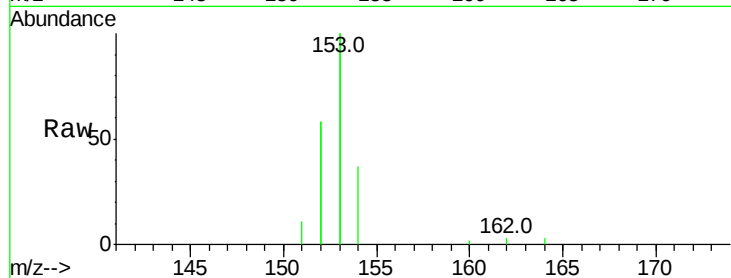




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

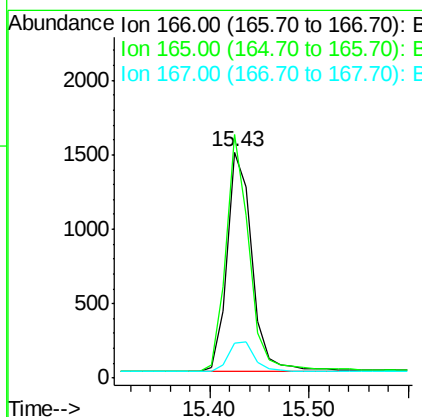
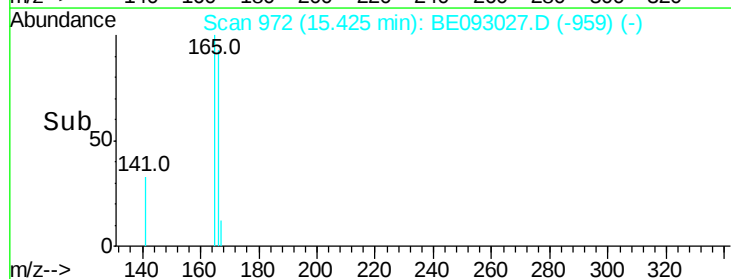
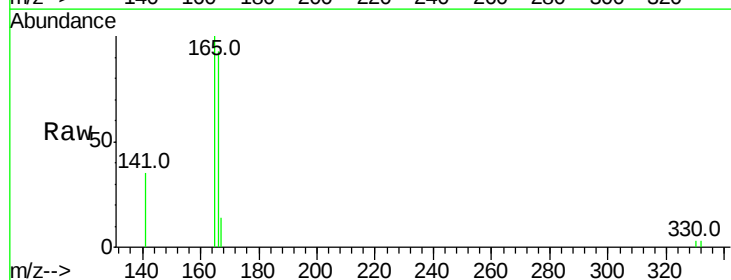
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

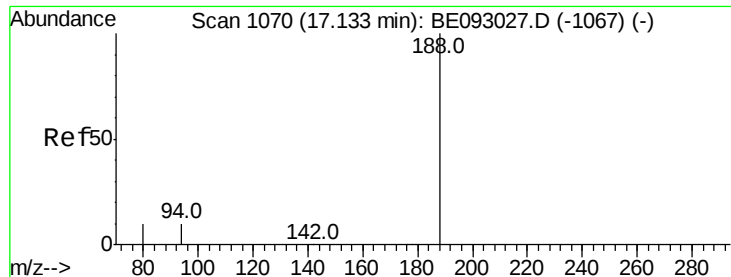
Tot Ion:154 Resp: 2084
Ion Ratio Lower Upper
154 100
153 463.1 367.8 551.6
152 231.6 188.2 282.2



#18
Fluorene
Concen: 0.35 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Tgt Ion:166 Resp: 2567
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 14.1 11.1 16.7

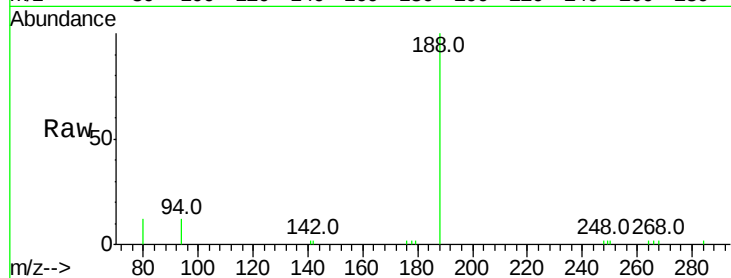




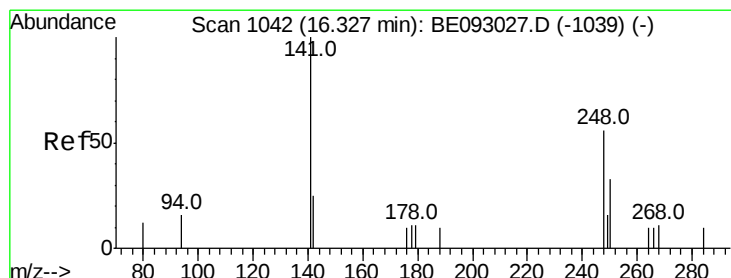
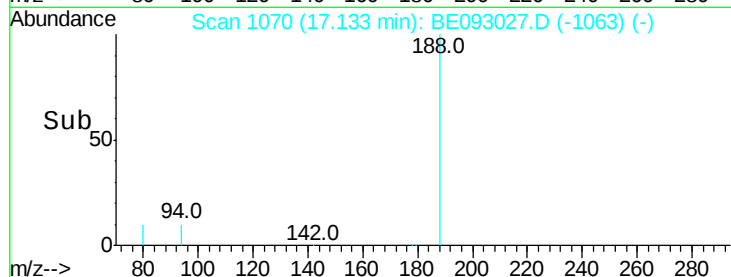
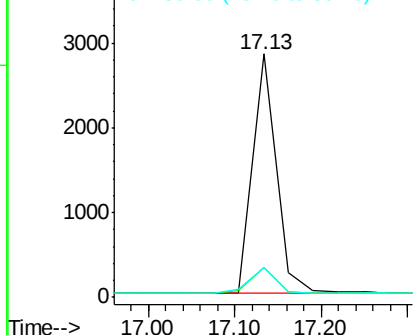
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:188 Resp: 5433
Ion Ratio Lower Upper
188 100
94 12.0 11.3 16.9
80 12.0 11.7 17.5

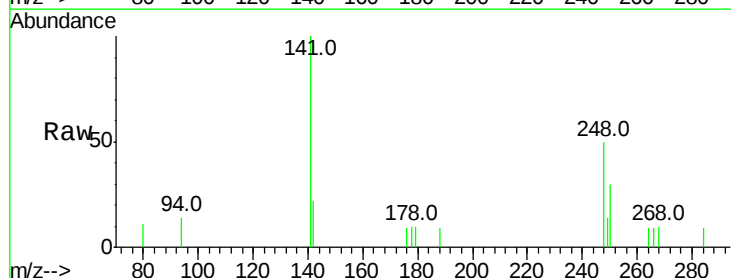


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

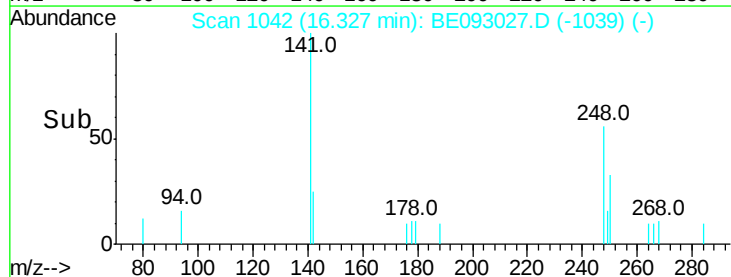
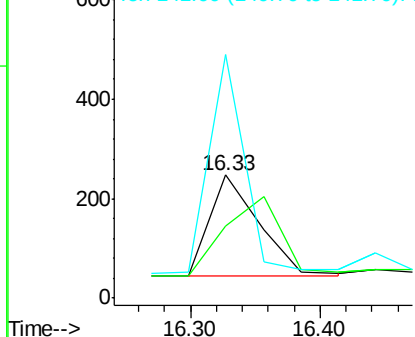


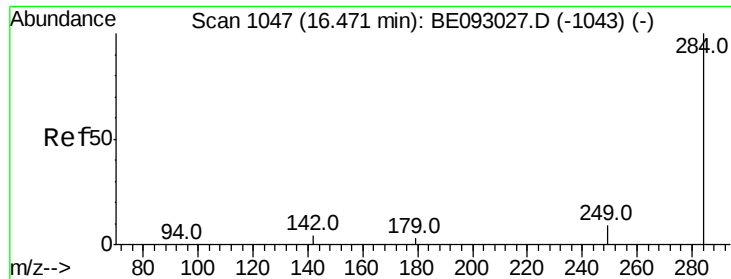
#20
4-Bromophenyl-phenylether
Concen: 0.31 ng
RT: 16.33 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Tgt Ion:248 Resp: 539
Ion Ratio Lower Upper
248 100
250 58.7 100.0 150.0#
141 198.4 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

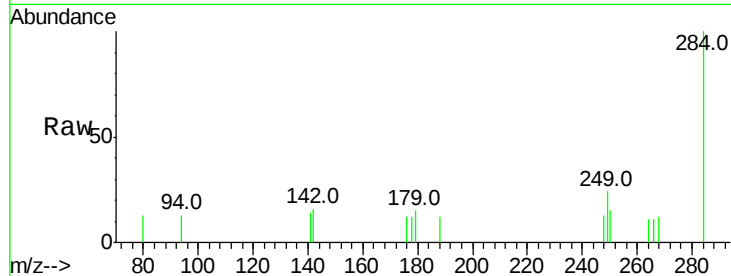




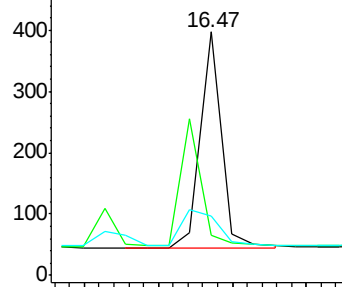
#21
Hexachlorobenzene
Concen: 0.27 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

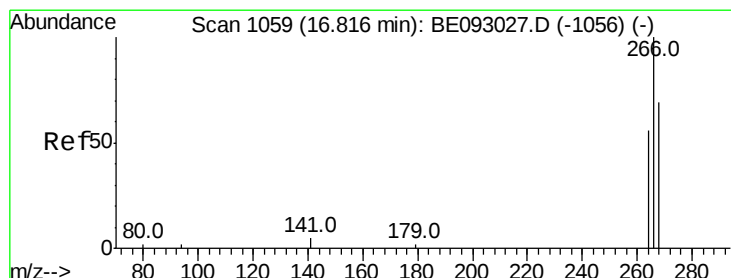
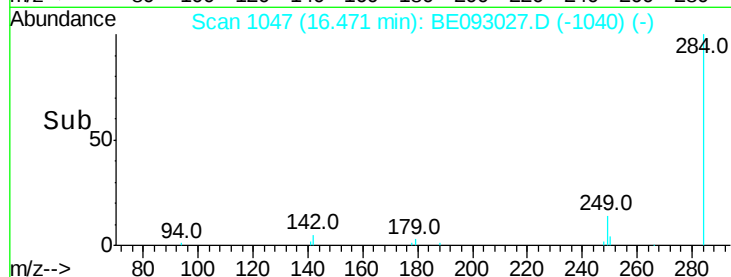
Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



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

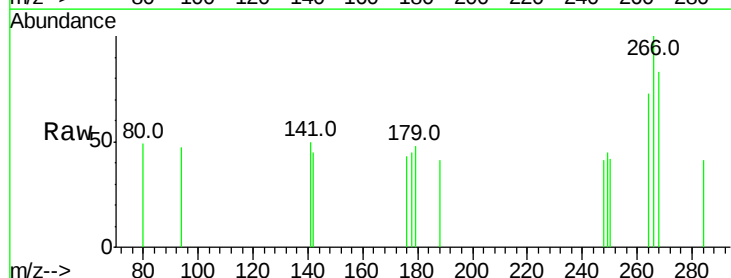


Time-->

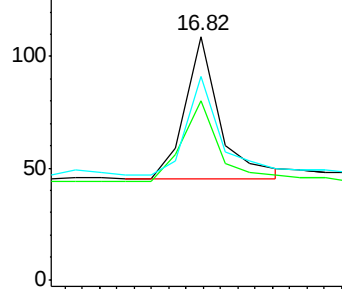


#22
Pentachlorophenol
Concen: 0.28 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

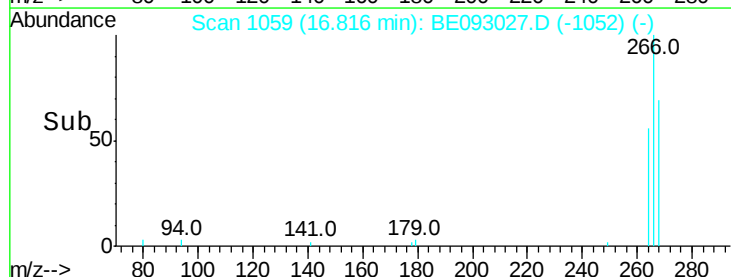
Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.4	58.2	87.2
268	83.5	71.9	107.9

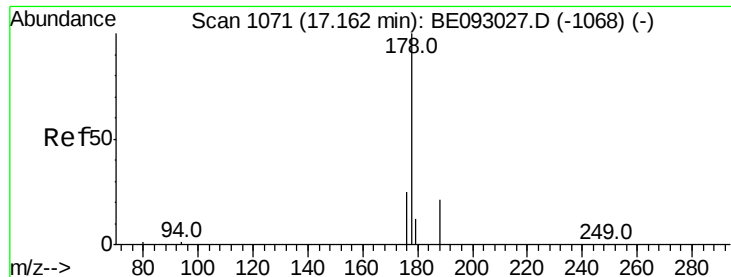


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.28 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

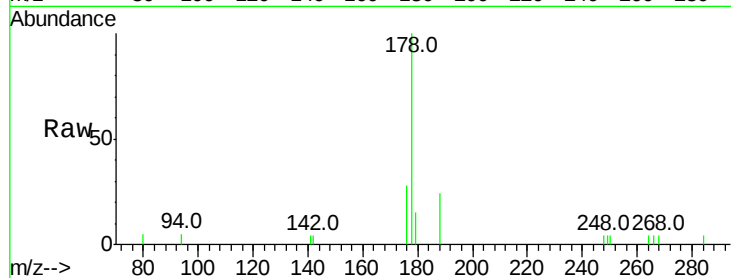
Tot Ion:178 Resp: 3670

Ion Ratio Lower Upper

178 100

176 20.8 15.0 22.4

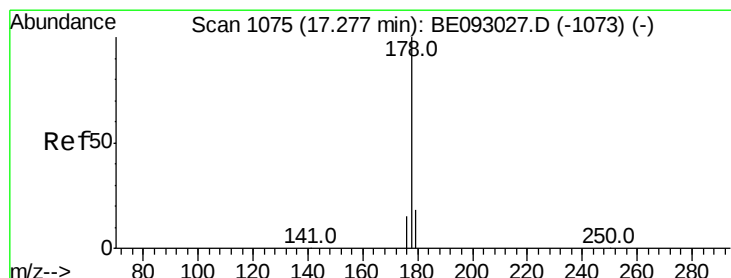
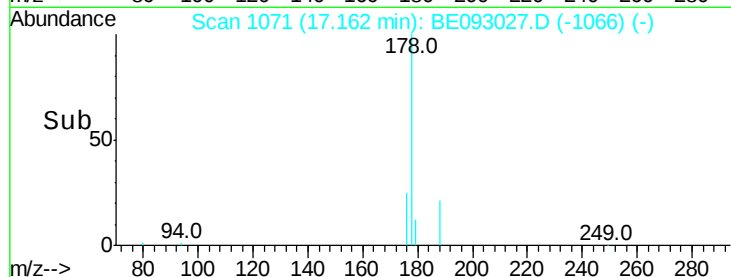
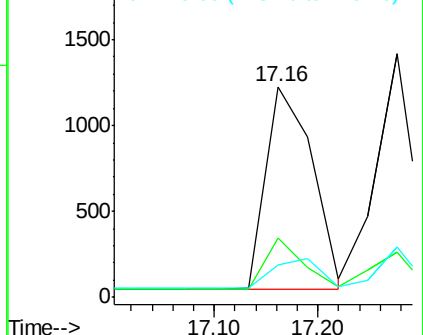
179 0.0 12.7 19.1#



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: 0.29 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

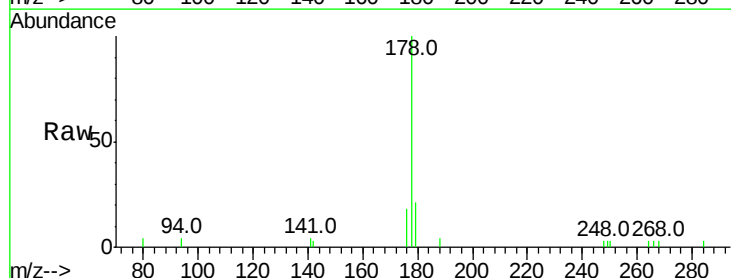
Tgt Ion:178 Resp: 3237

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

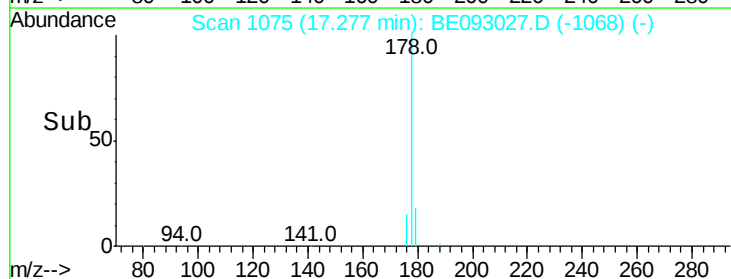
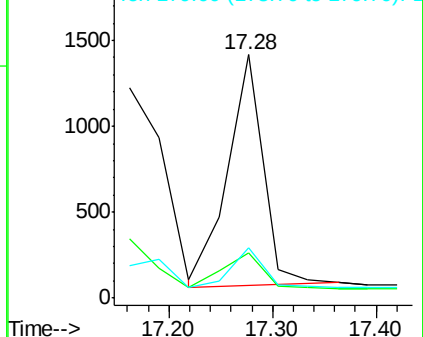
179 16.3 12.0 18.0

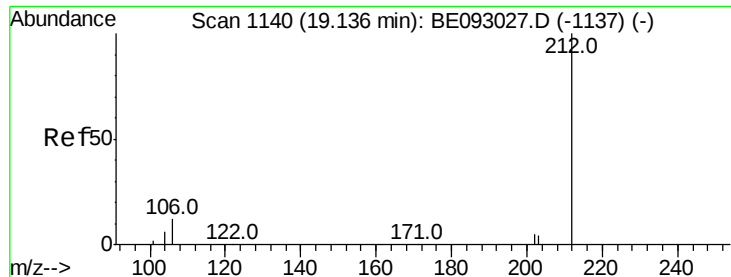


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.32 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

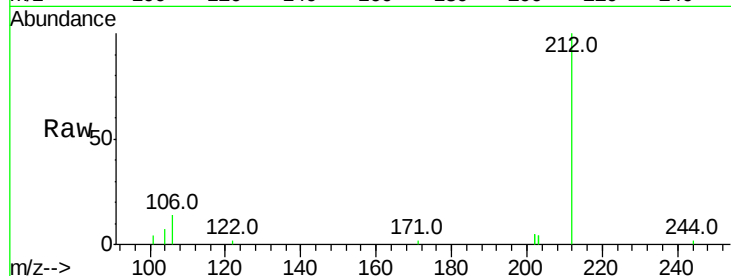
Tot Ion:212 Resp: 4626

Ion Ratio Lower Upper

212 100

106 15.6 0.0 0.0#

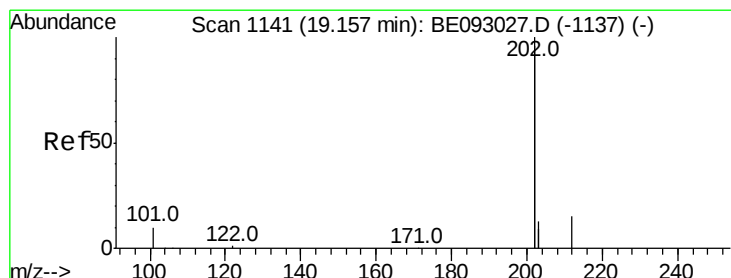
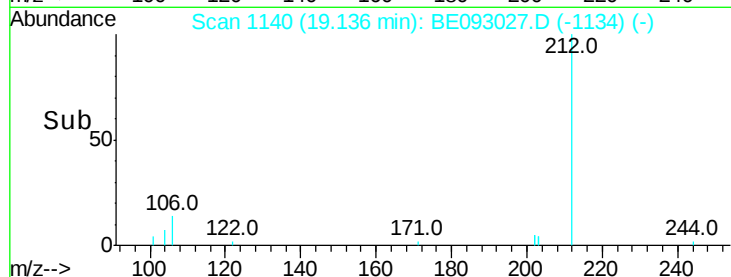
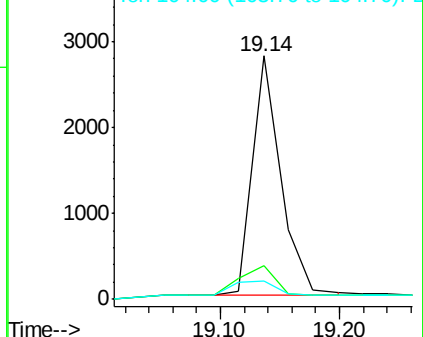
104 8.8 0.0 0.0#



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: 0.30 ng

RT: 19.16 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

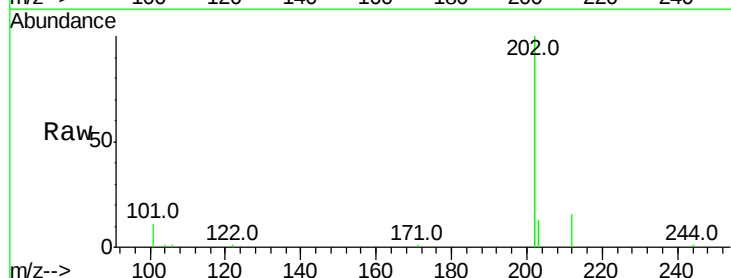
Tgt Ion:202 Resp: 21109

Ion Ratio Lower Upper

202 100

101 3.7 0.0 0.0#

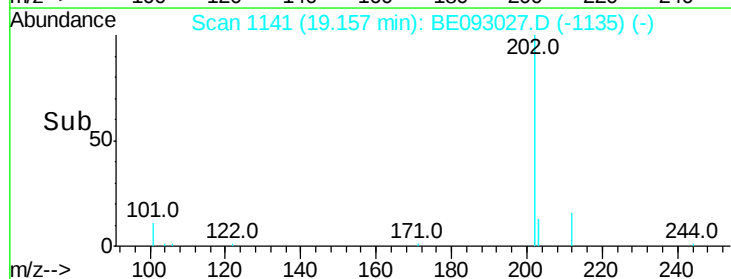
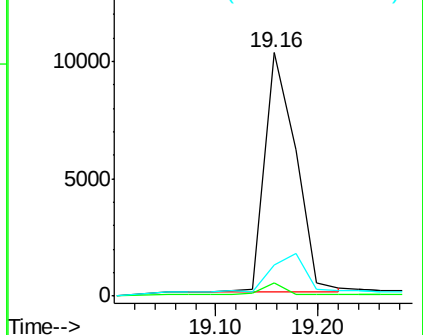
203 0.0 14.4 21.6#

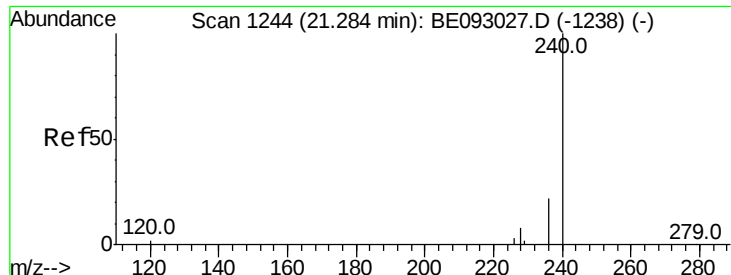


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

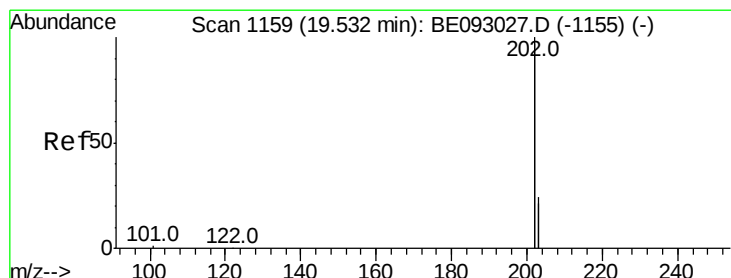
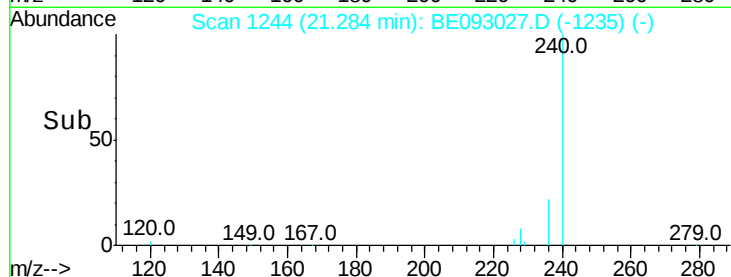
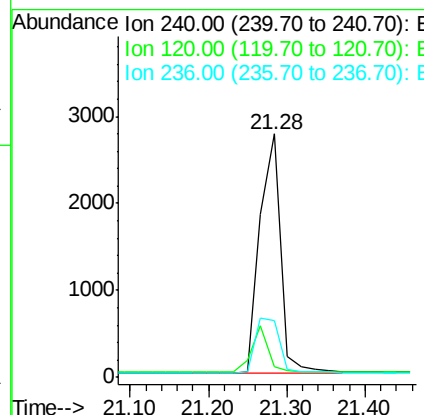
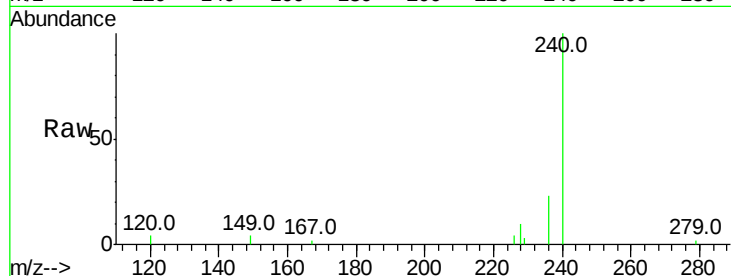




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

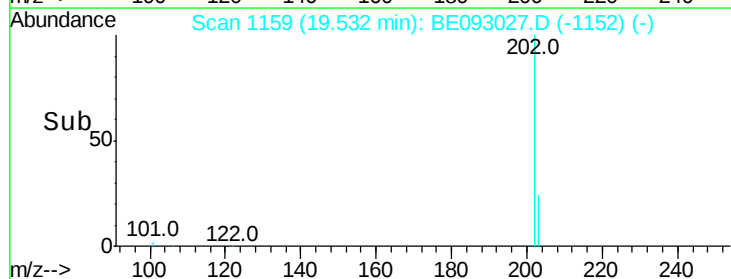
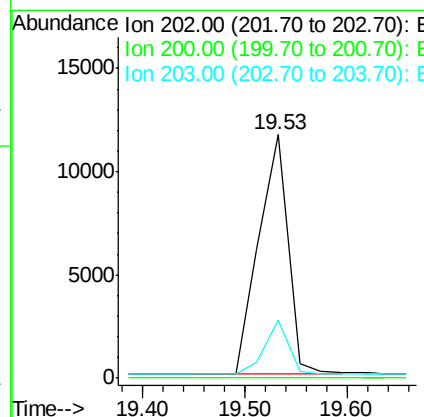
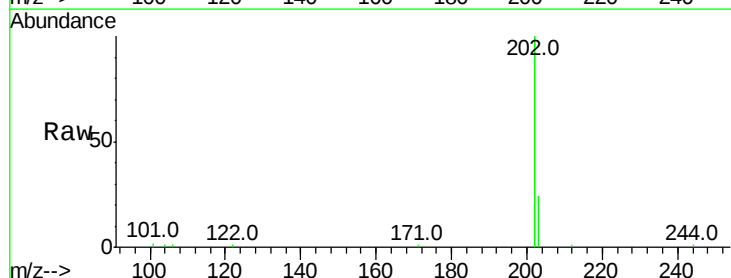
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

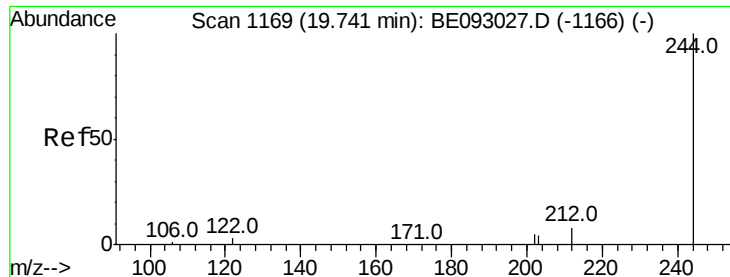
Tot Ion:240 Resp: 5164
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 23.3 20.8 31.2



#28
Pyrene
Concen: 0.35 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Tgt Ion:202 Resp: 22939
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.4 13.7 20.5





#29

Terphenyl-d14

Concen: 0.38 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

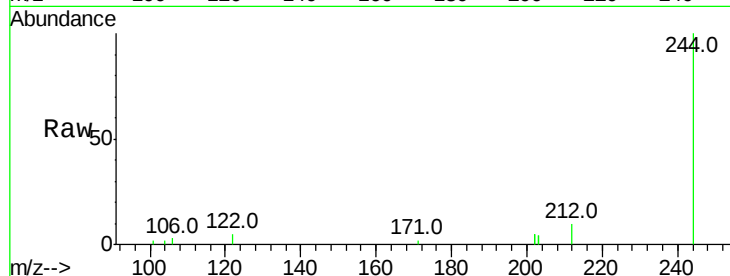
Tot Ion:244 Resp: 3523

Ion Ratio Lower Upper

244 100

212 9.6 10.6 16.0#

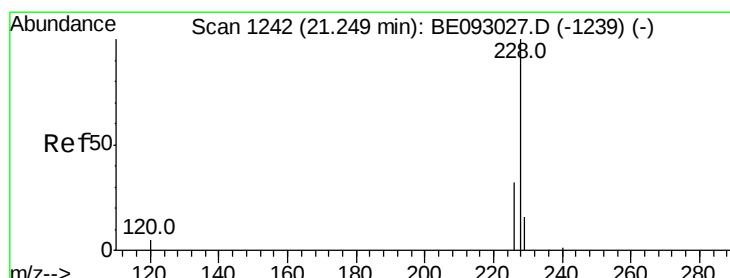
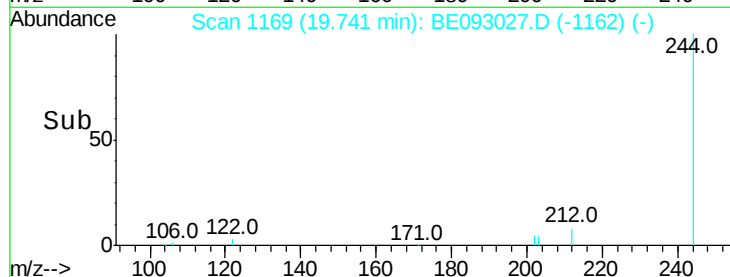
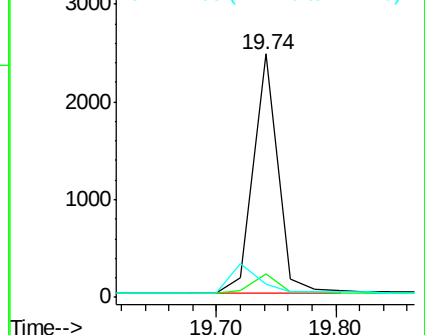
122 5.2 15.4 23.0#



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: 0.40 ng

RT: 21.25 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

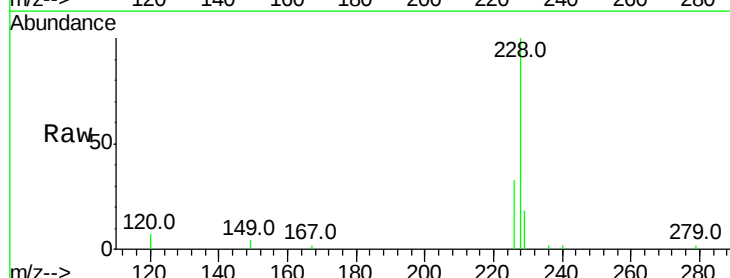
Tgt Ion:228 Resp: 5024

Ion Ratio Lower Upper

228 100

226 32.8 19.7 29.5#

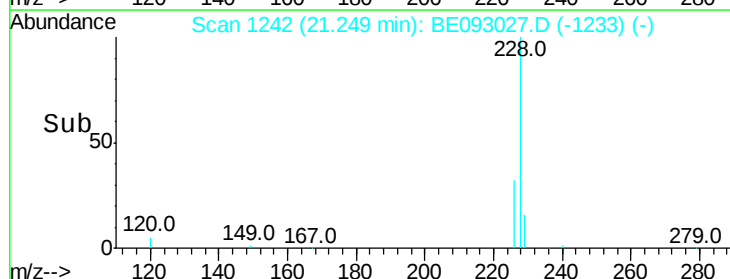
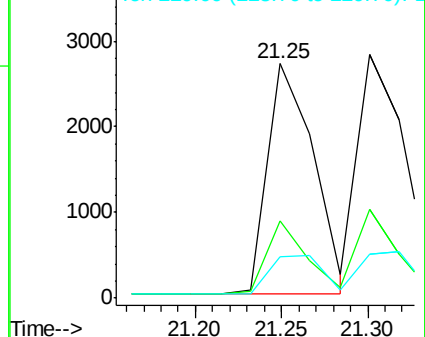
229 17.5 19.2 28.8#

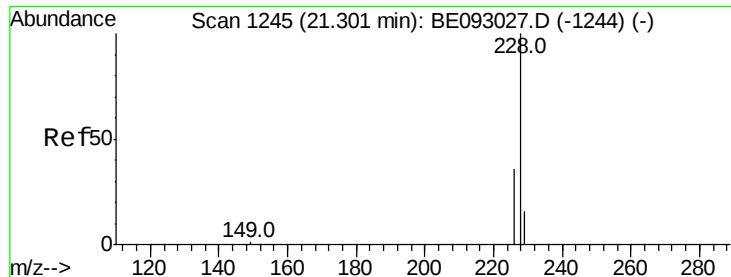


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.34 ng

RT: 21.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

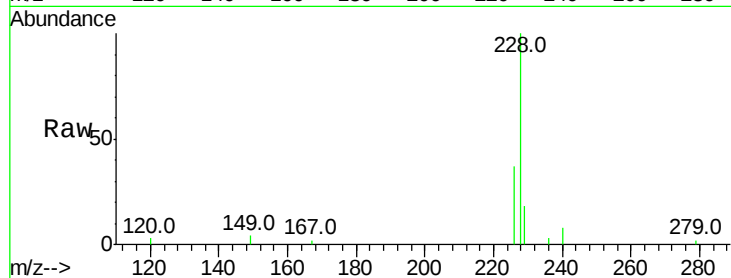
Tot Ion:228 Resp: 5338

Ion Ratio Lower Upper

228 100

226 36.5 21.5 32.3#

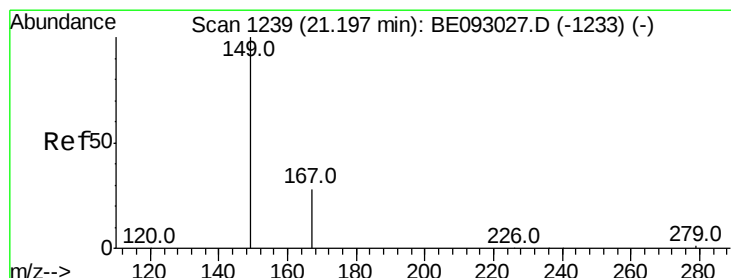
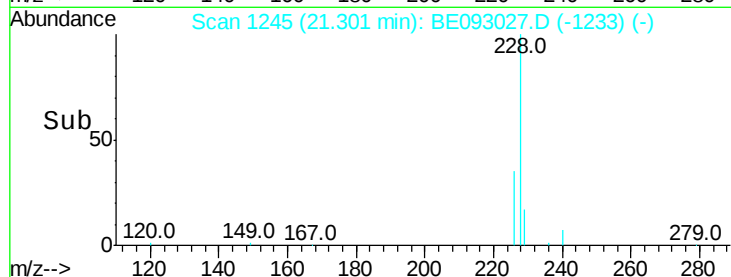
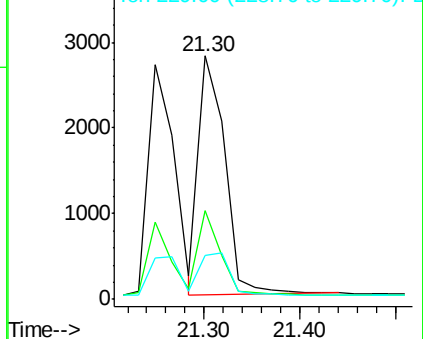
229 17.9 18.6 28.0#



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: 0.41 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

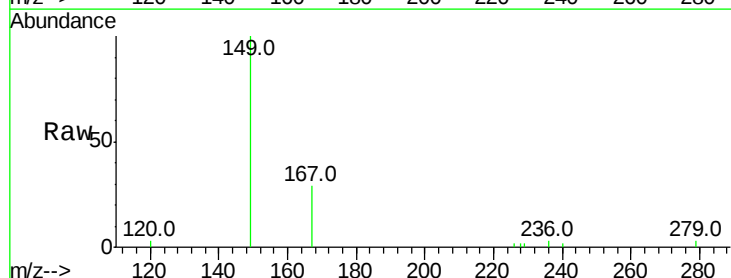
Tgt Ion:149 Resp: 2279

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

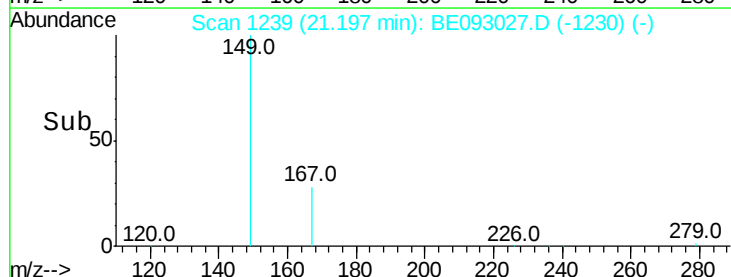
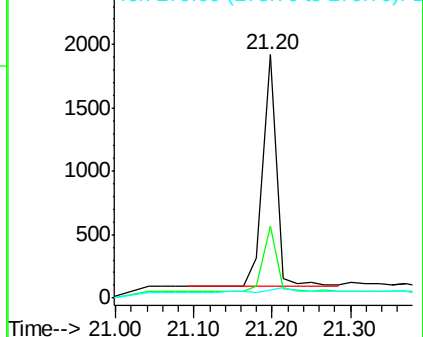
279 2.4 2.2 3.4

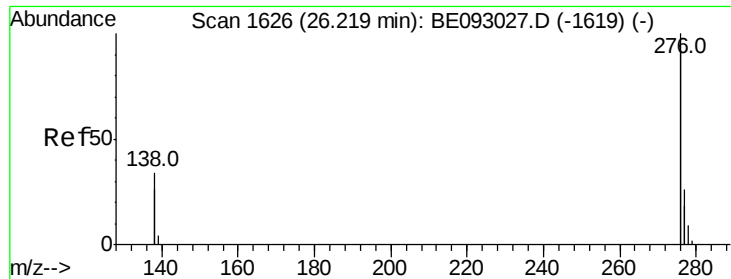


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

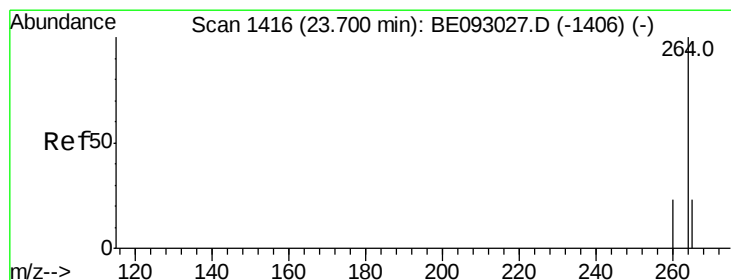
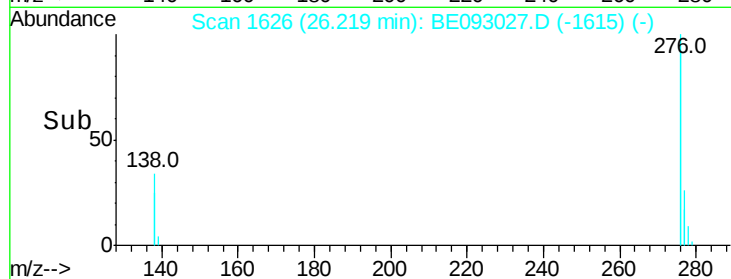
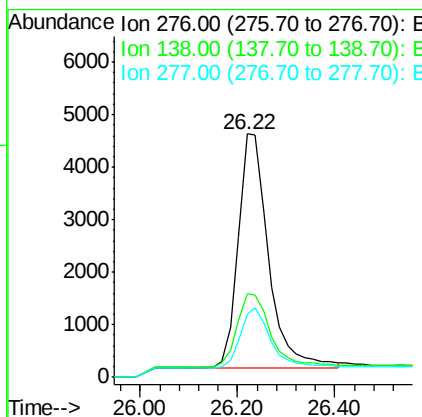
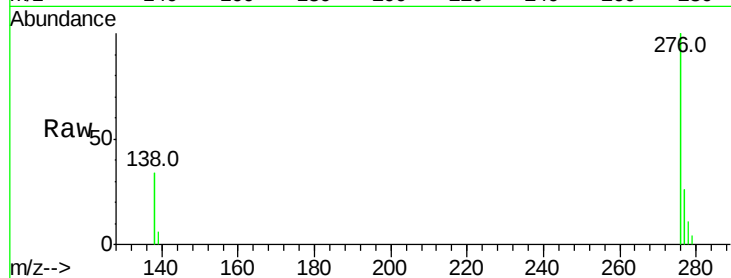




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.22 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE093027.D
 Acq: 15 May 2017 10:24

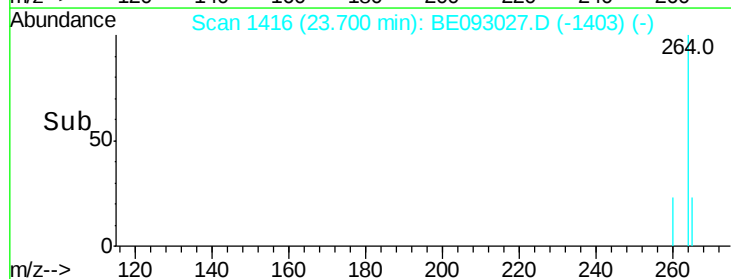
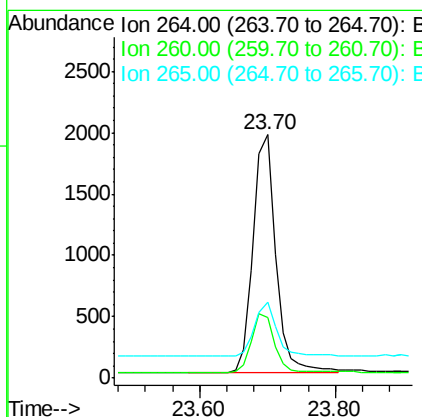
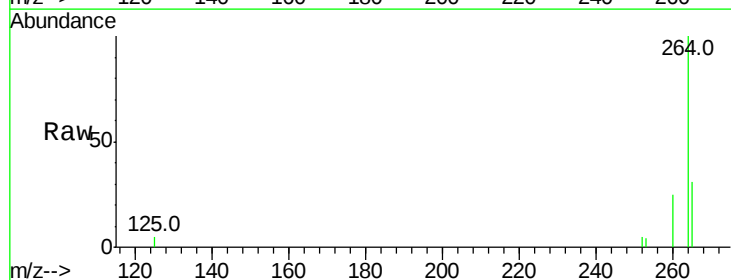
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

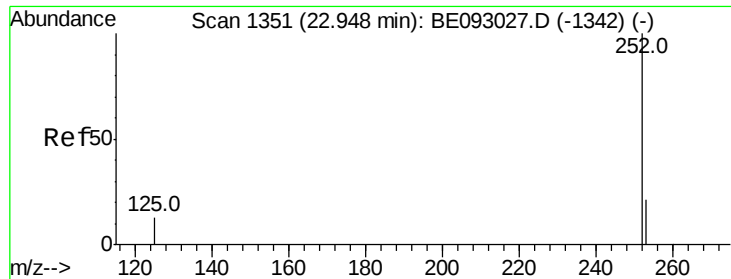
Tot Ion:276 Resp: 19395
 Ion Ratio Lower Upper
 276 100
 138 33.7 27.4 41.2
 277 25.1 20.1 30.1



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BE093027.D
 Acq: 15 May 2017 10:24

Tgt Ion:264 Resp: 4429
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.0 31.4
 265 31.3 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.34 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

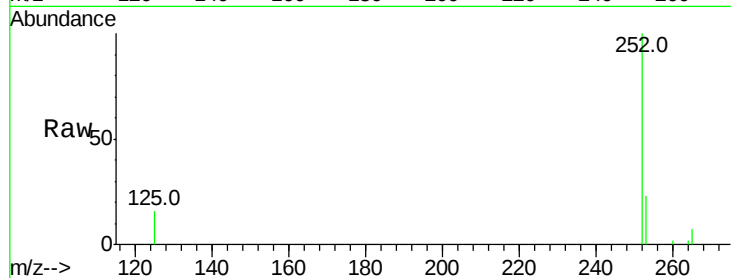
Tot Ion:252 Resp: 4791

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

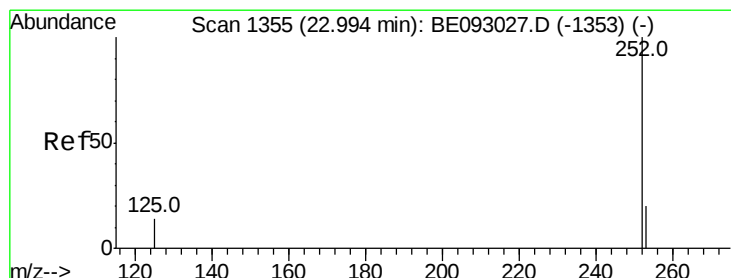
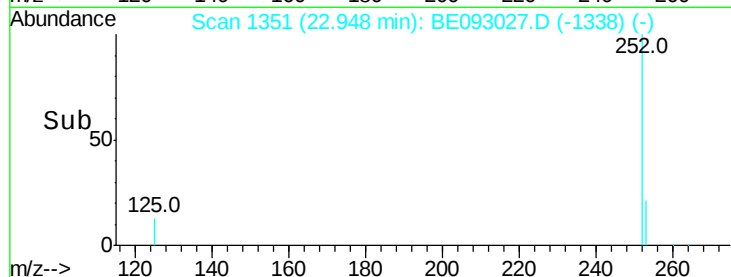
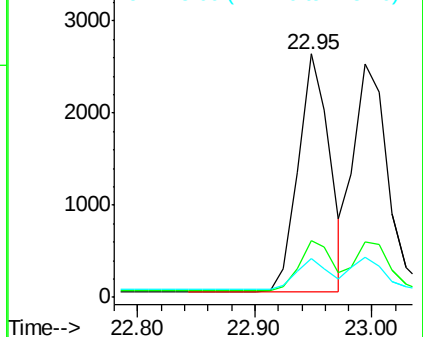
125 15.7 13.4 20.0



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: 0.35 ng

RT: 22.99 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

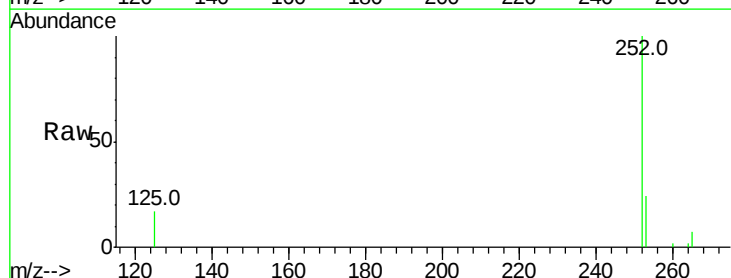
Tgt Ion:252 Resp: 4951

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

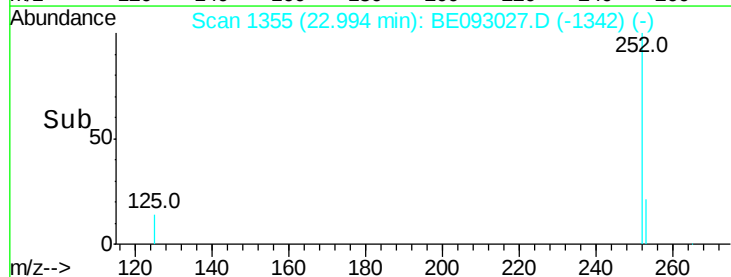
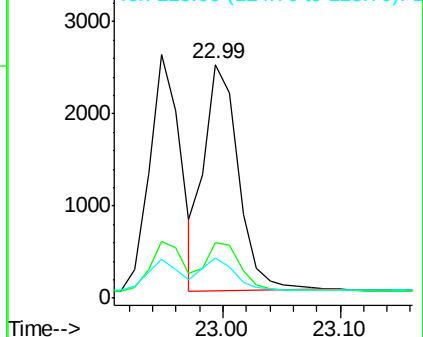
125 17.1 12.2 18.4

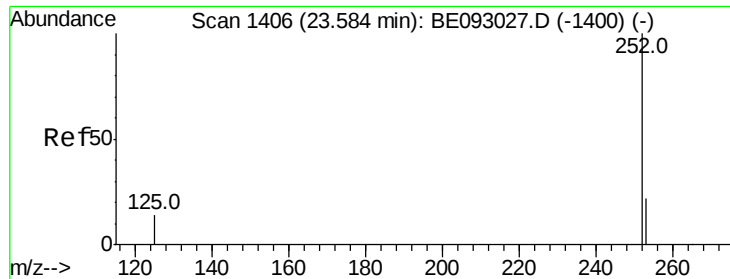


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

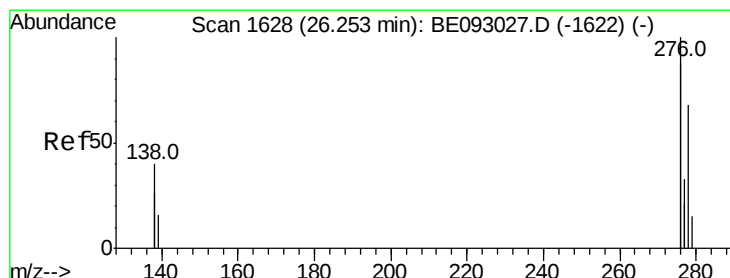
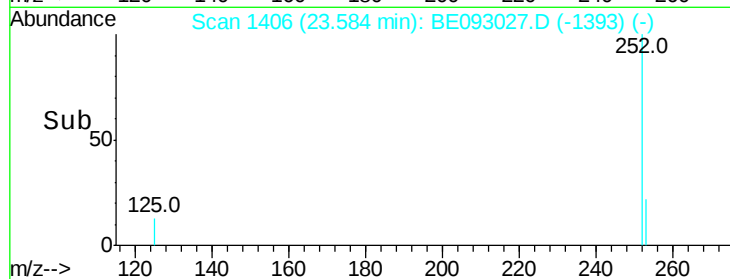
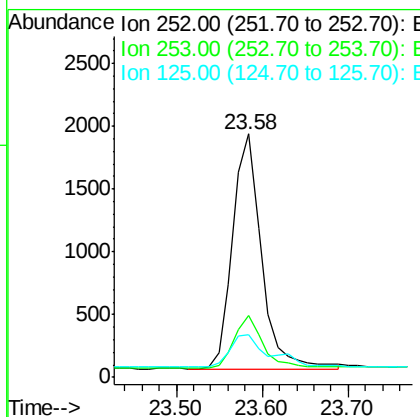
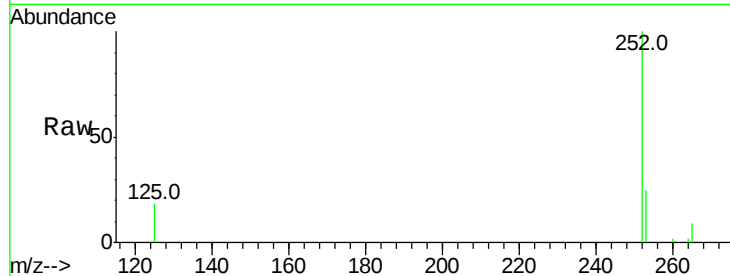




#37
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.58 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

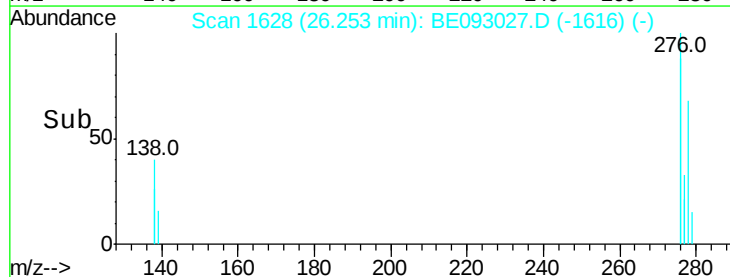
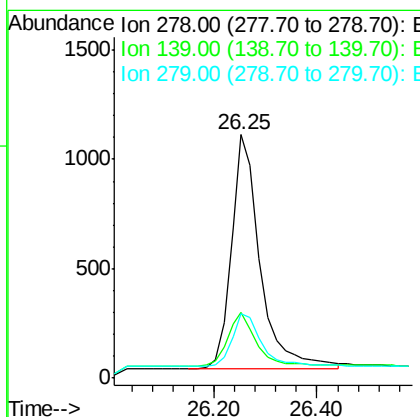
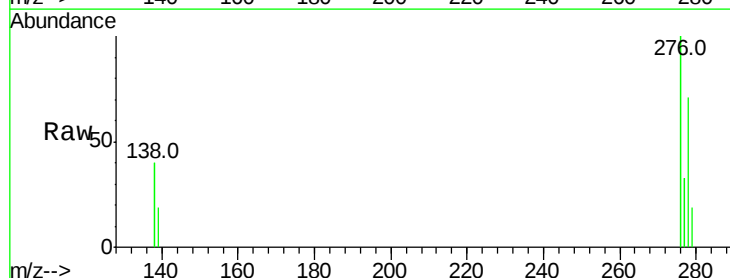
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

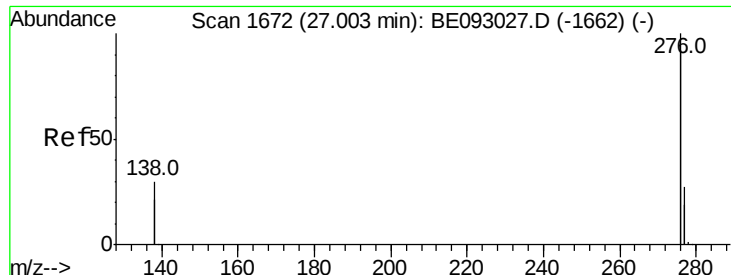
Tot Ion:252 Resp: 4382
Ion Ratio Lower Upper
252 100
253 25.2 19.9 29.9
125 17.5 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093027.D
Acq: 15 May 2017 10:24

Tgt Ion:278 Resp: 4126
Ion Ratio Lower Upper
278 100
139 27.0 21.4 32.0
279 26.4 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.35 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE093027.D

Acq: 15 May 2017 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

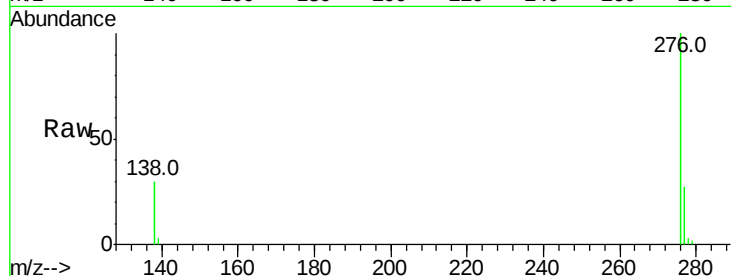
Tot Ion:276 Resp: 18161

Ion Ratio Lower Upper

276 100

277 26.6 21.2 31.8

138 29.6 24.5 36.7



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

