

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051917\
 Data File : BE093054.D
 Acq On : 19 May 2017 10:43
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 19 17:43:08 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	779	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3588	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1863	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5639	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5410	0.40	ng	0.00
34) Perylene-d12	23.69	264	4802	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	900	0.38	ng	0.00
5) Phenol-d6	6.92	99	1267	0.39	ng	0.00
8) Nitrobenzene-d5	8.88	82	1132	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1949	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	218	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2733	0.36	ng	0.00
25) Fluoranthene-d10	19.14	212	4786	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	3609	0.36	ng	0.00

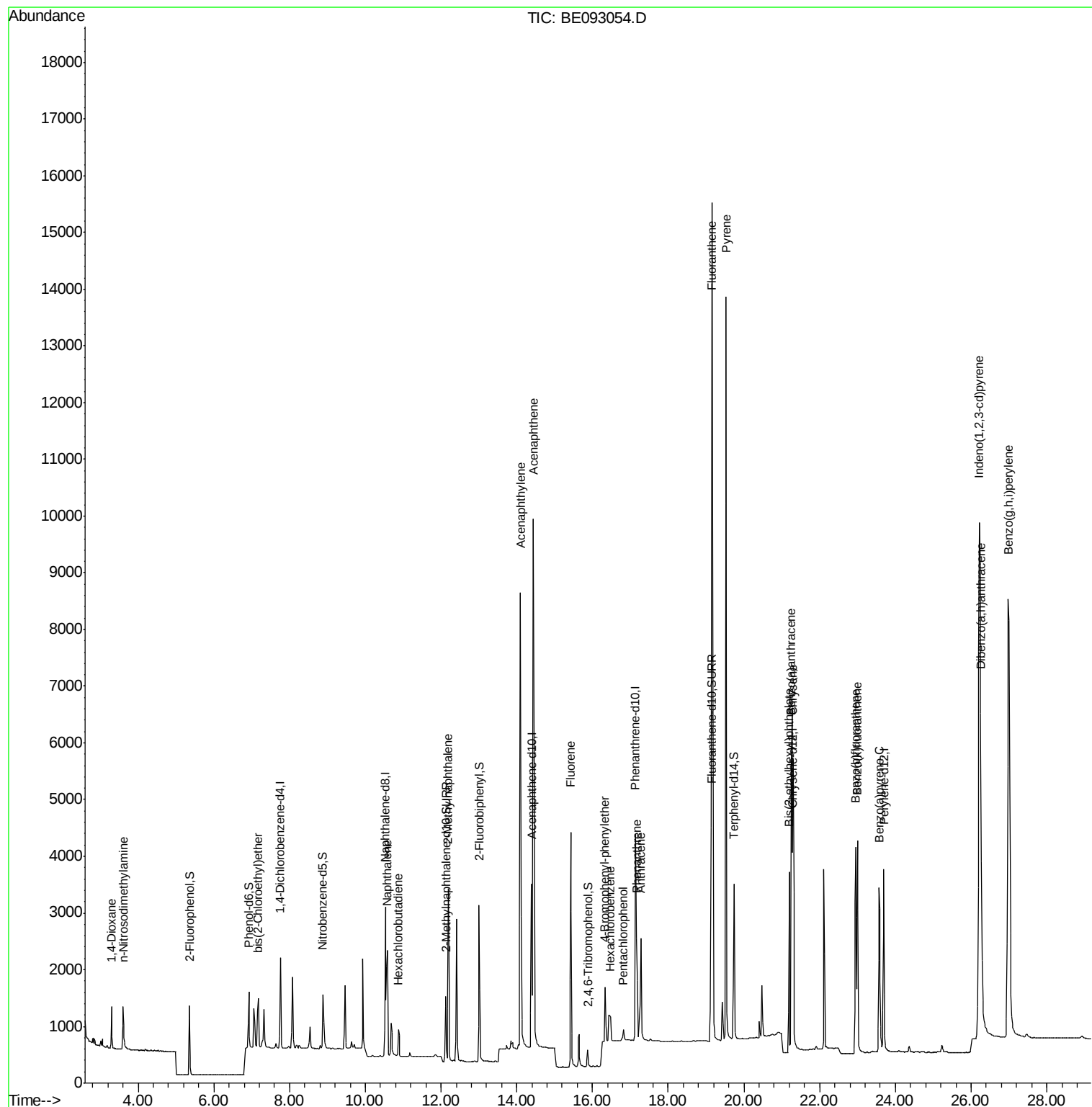
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	534	0.34	ng	98
3) n-Nitrosodimethylamine	3.61	42	546	0.39	ng	99
6) bis(2-Chloroethyl)ether	7.18	93	969	0.37	ng	# 99
9) Naphthalene	10.58	128	3374	0.36	ng	100
10) Hexachlorobutadiene	10.87	225	432	0.35	ng	97
12) 2-Methylnaphthalene	12.19	142	2244	0.38	ng	99
16) Acenaphthylene	14.10	152	11911	0.36	ng	100
17) Acenaphthene	14.44	154	2111	0.36	ng	98
18) Fluorene	15.43	166	2698	0.37	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	597	0.34	ng	# 4
21) Hexachlorobenzene	16.47	284	697	0.24	ng	# 100
22) Pentachlorophenol	16.82	266	224	0.33	ng	95
23) Phenanthrene	17.16	178	3418	0.26	ng	# 81
24) Anthracene	17.28	178	3237	0.25	ng	98
26) Fluoranthene	19.16	202	21537	0.31	ng	# 97
28) Pyrene	19.53	202	23793	0.37	ng	# 97
30) Benzo(a)anthracene	21.25	228	5501	0.37	ng	# 86
31) Chrysene	21.30	228	5519	0.35	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.20	149	3348	0.45	ng	97
33) Indeno(1,2,3-cd)pyrene	26.22	276	21768	0.38	ng	99
35) Benzo(b)fluoranthene	22.95	252	5278	0.35	ng	97
36) Benzo(k)fluoranthene	22.99	252	5019	0.33	ng	97
37) Benzo(a)pyrene	23.57	252	4877	0.35	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	4542	0.35	ng	97
39) Benzo(g,h,i)perylene	26.99	276	19880	0.35	ng	96

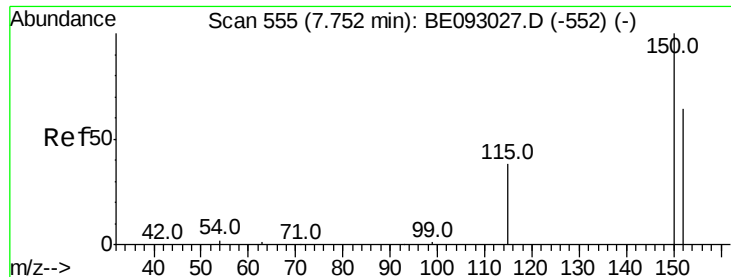
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

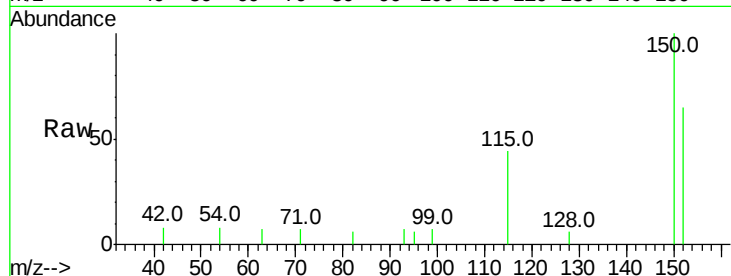
Tot Ion:152 Resp: 779

Ion Ratio Lower Upper

152 100

150 153.7 125.1 187.7

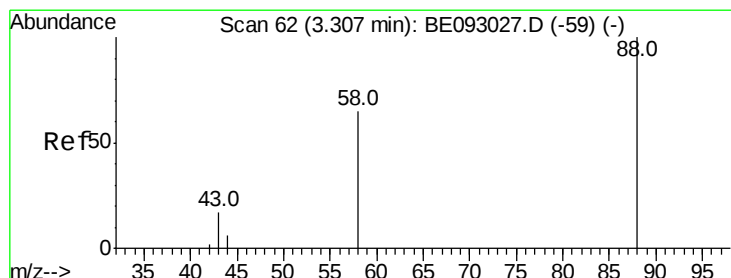
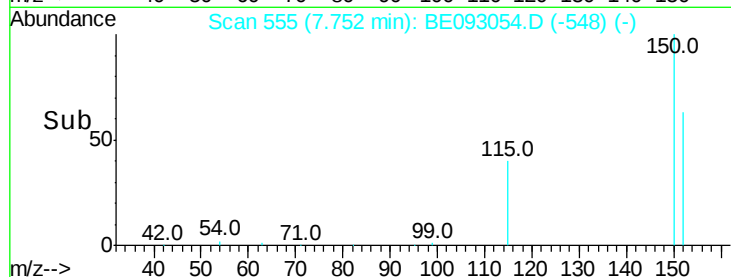
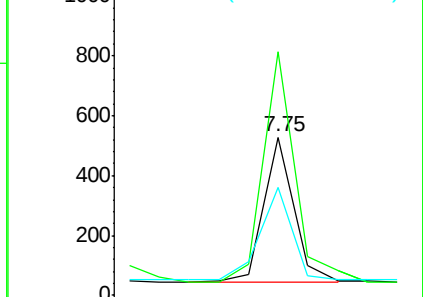
115 68.2 55.7 83.5



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: 0.34 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

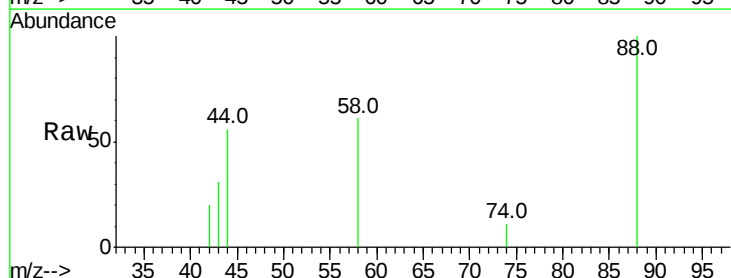
Tgt Ion: 88 Resp: 534

Ion Ratio Lower Upper

88 100

58 77.5 62.2 93.4

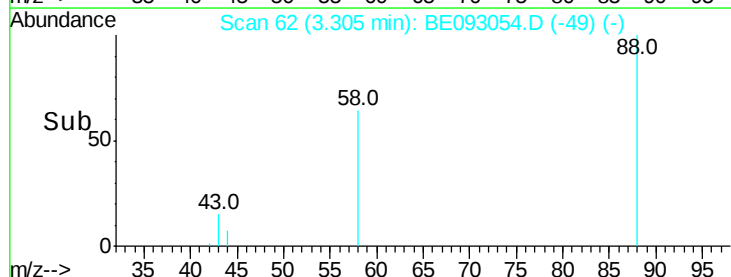
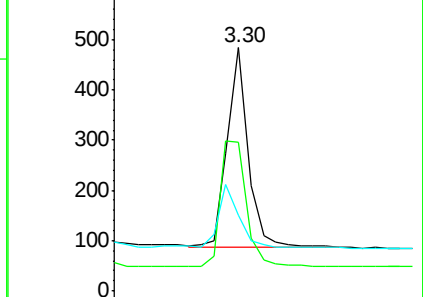
43 33.0 23.2 34.8

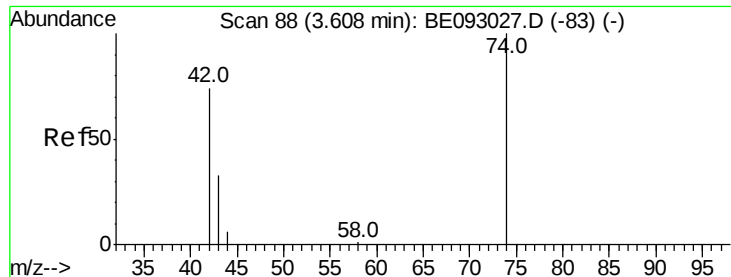


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

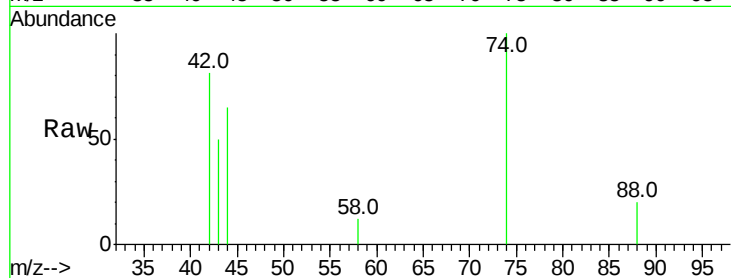




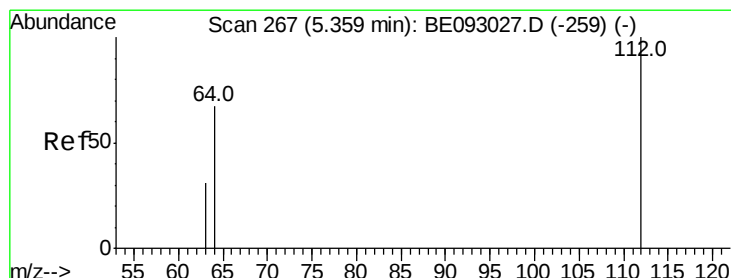
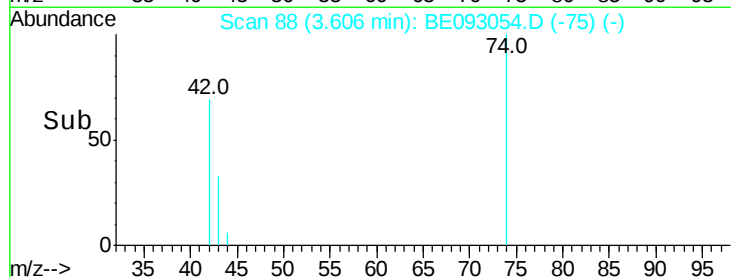
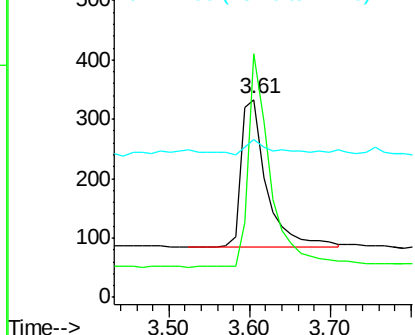
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 546
Ion Ratio Lower Upper
42 100
74 122.7 99.1 148.7
44 11.0 7.4 11.2

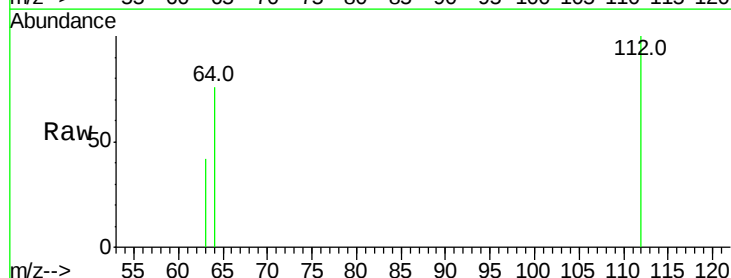


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

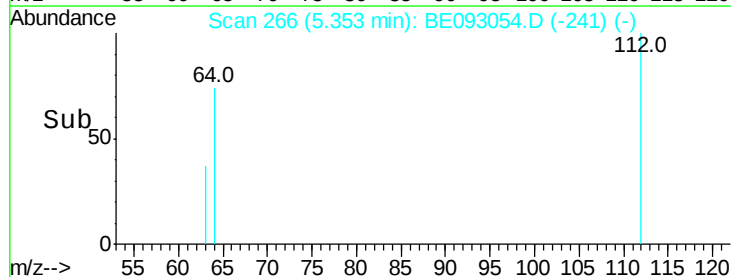
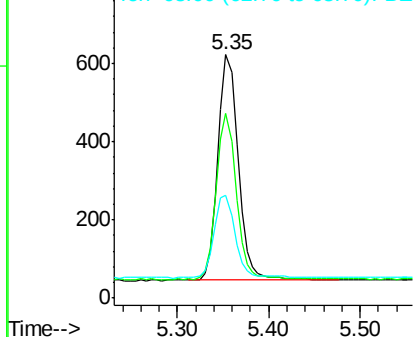


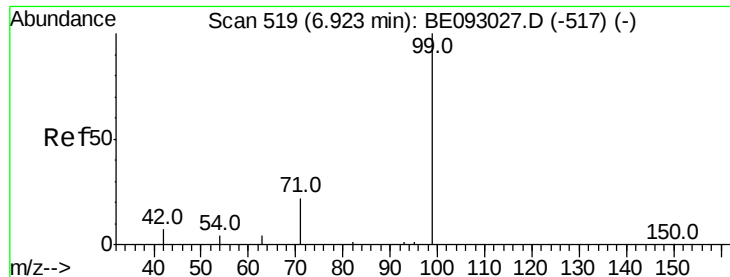
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion: 112 Resp: 900
Ion Ratio Lower Upper
112 100
64 71.7 56.4 84.6
63 38.3 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: 0.39 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

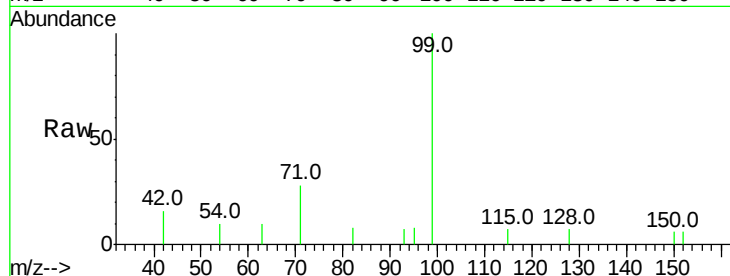
Tot Ion: 99 Resp: 1267

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

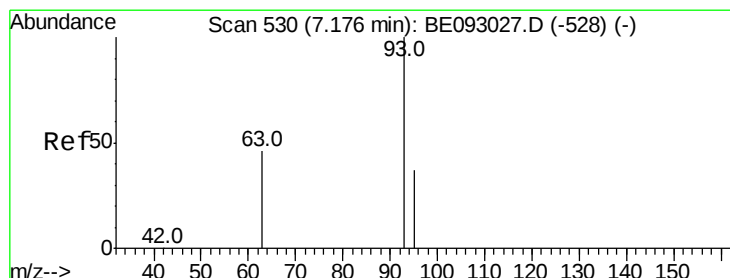
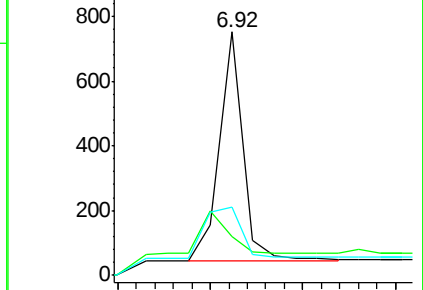
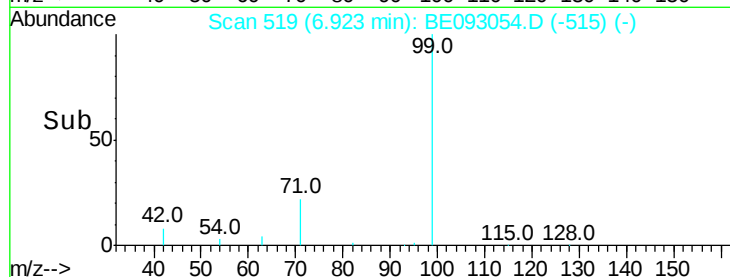
71 34.7 0.0 0.0#



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: 0.37 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

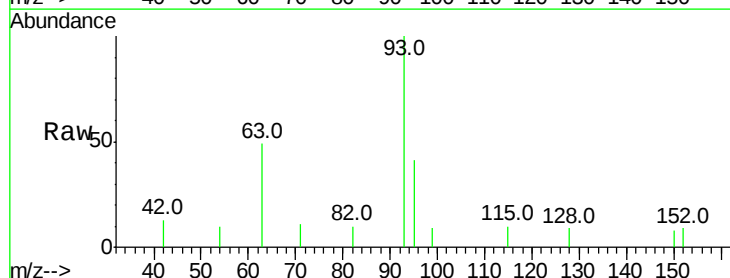
Tgt Ion: 93 Resp: 969

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

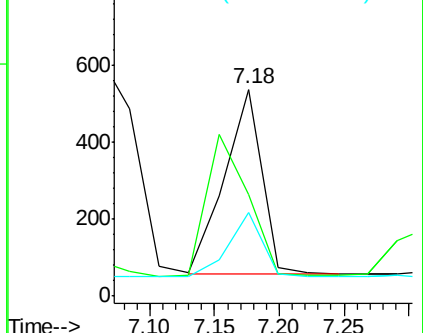
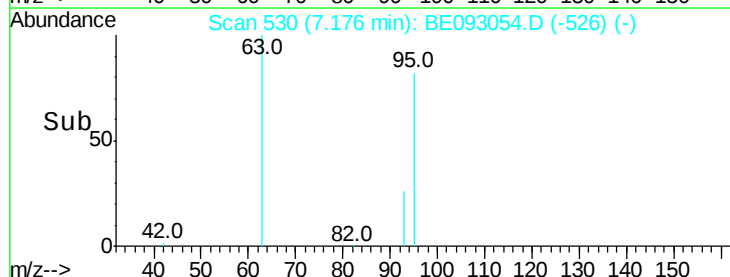
95 31.3 25.4 38.0

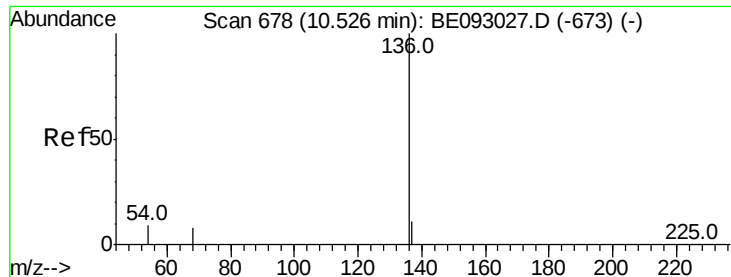


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3588

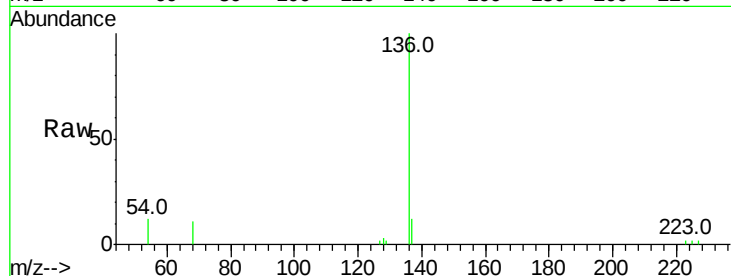
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 12.0 10.3 15.5

68 10.7 9.0 13.4

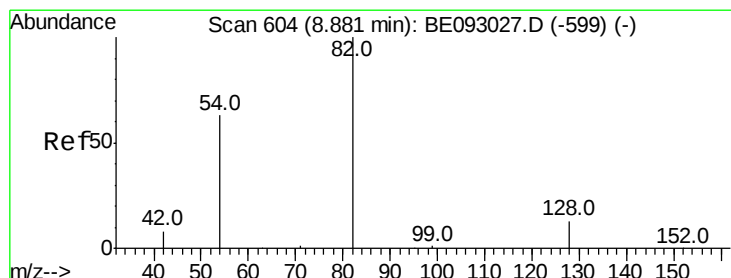
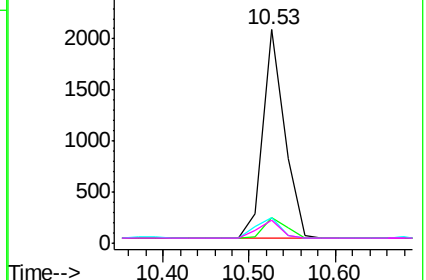
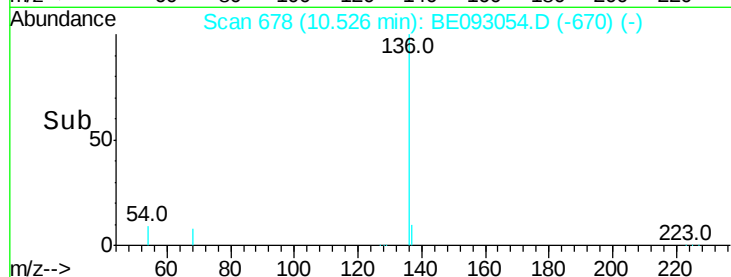


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

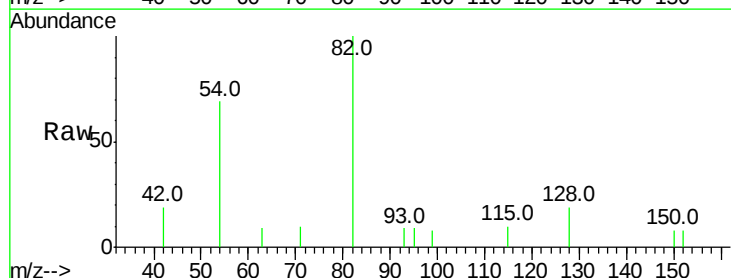
Tgt Ion: 82 Resp: 1132

Ion Ratio Lower Upper

82 100

128 19.5 17.0 25.4

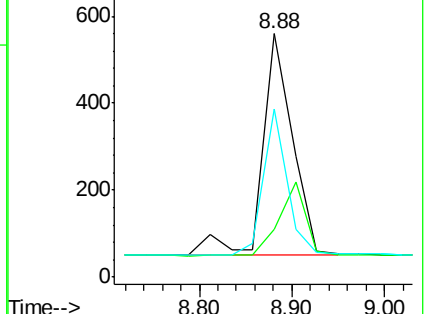
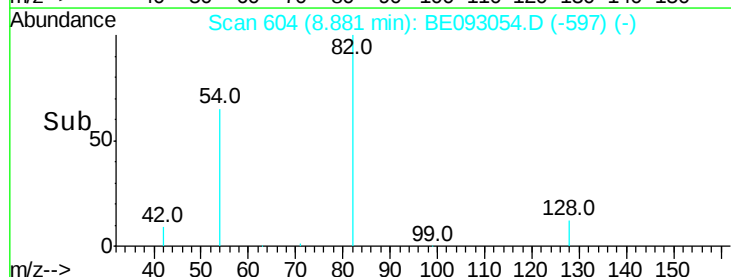
54 68.9 53.8 80.6

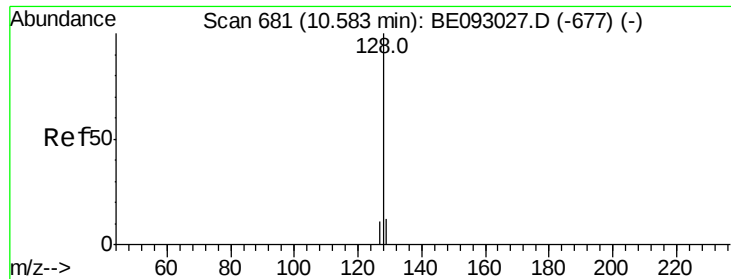


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

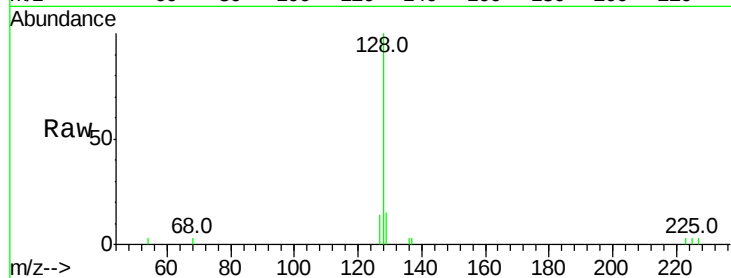
Tot Ion:128 Resp: 3374

Ion Ratio Lower Upper

128 100

129 14.6 11.4 17.0

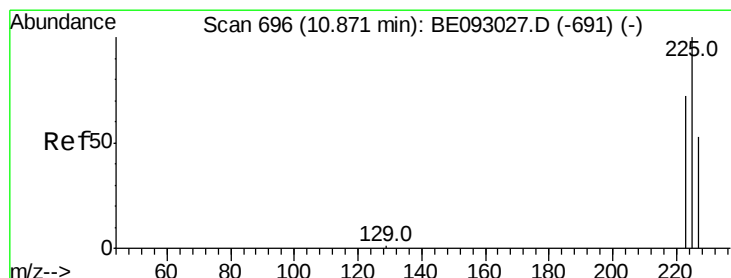
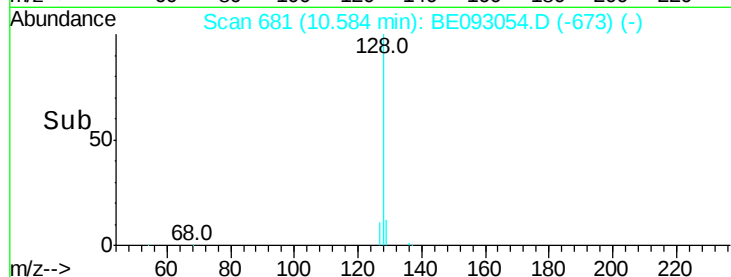
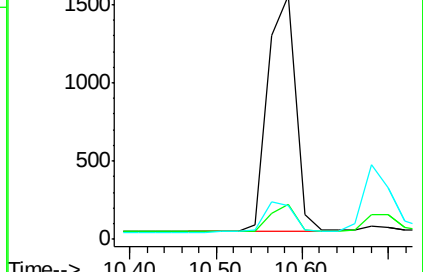
127 14.0 11.2 16.8



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: 0.35 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

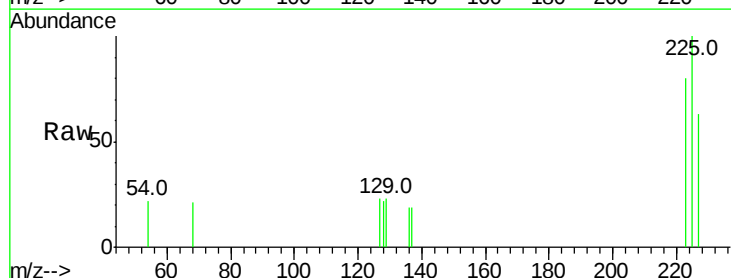
Tgt Ion:225 Resp: 432

Ion Ratio Lower Upper

225 100

223 65.0 49.7 74.5

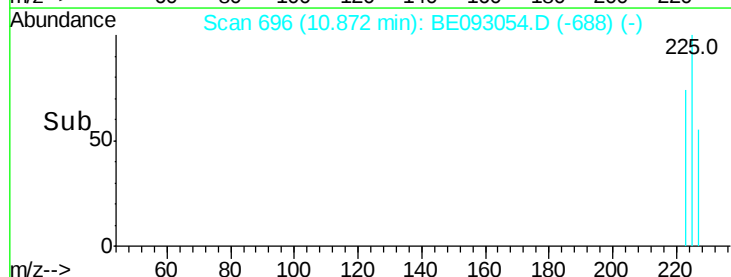
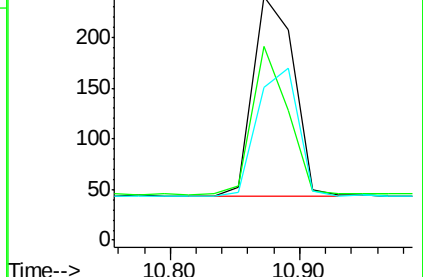
227 64.1 50.3 75.5



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: 0.37 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

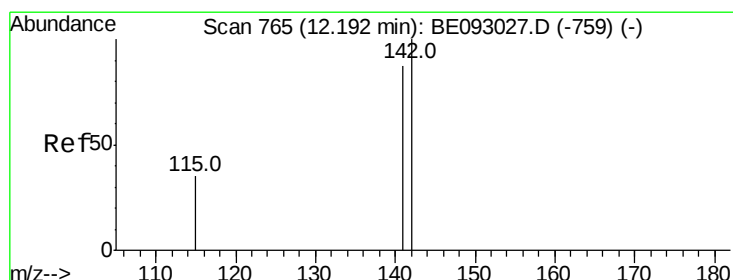
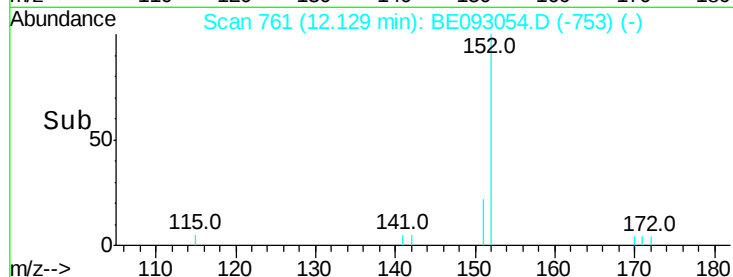
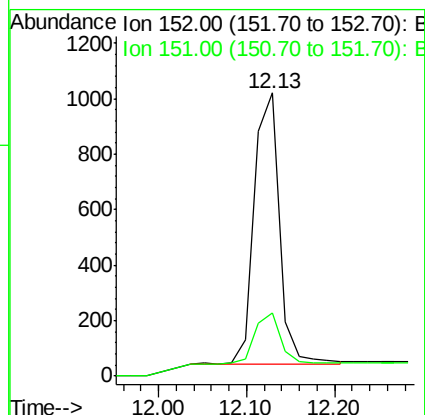
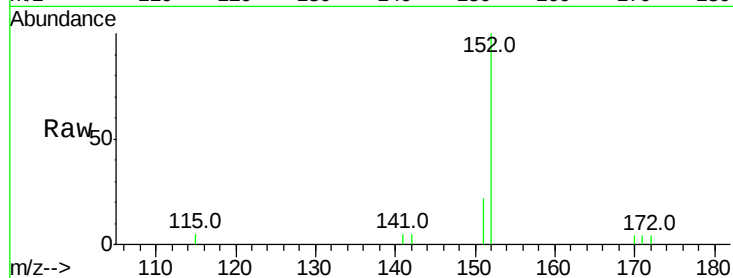
SSTDCCC0.4

Tot Ion:152 Resp: 1949

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

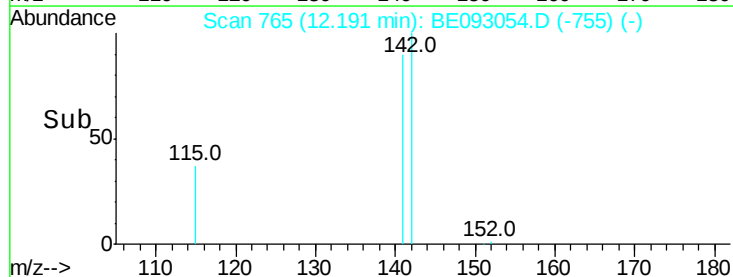
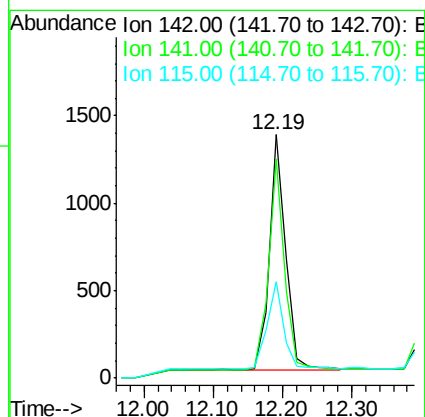
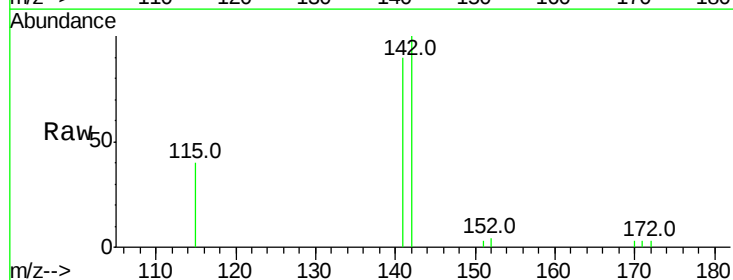
Tgt Ion:142 Resp: 2244

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8

115 39.6 32.2 48.2

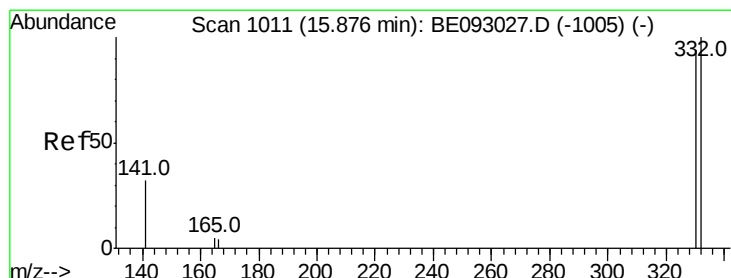
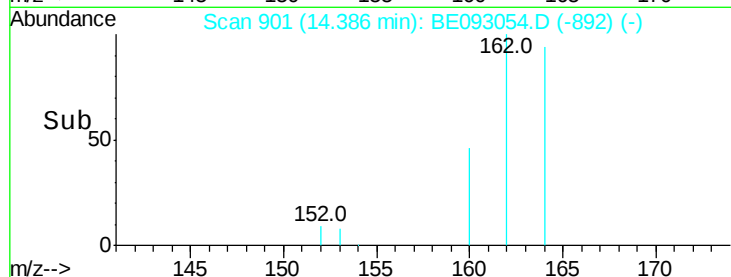
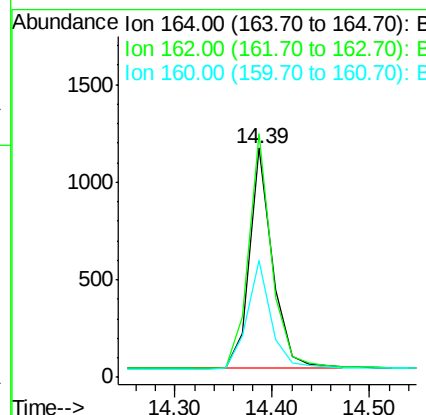
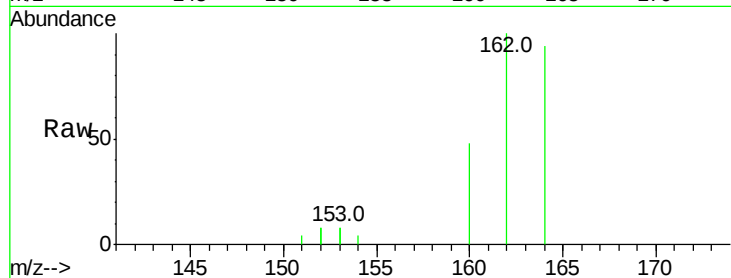




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

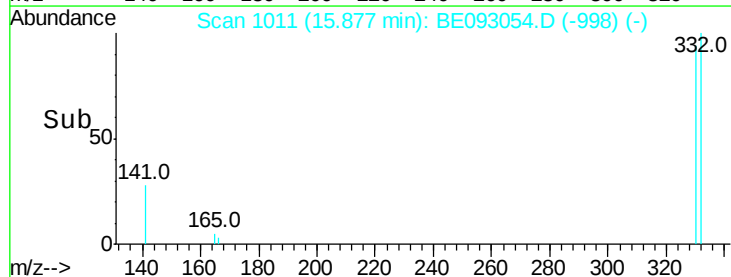
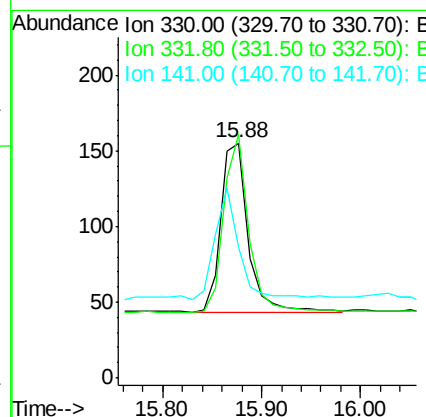
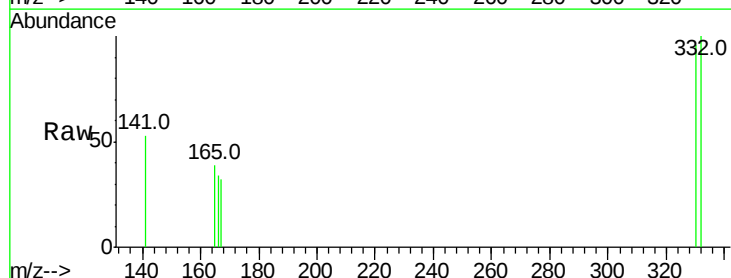
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

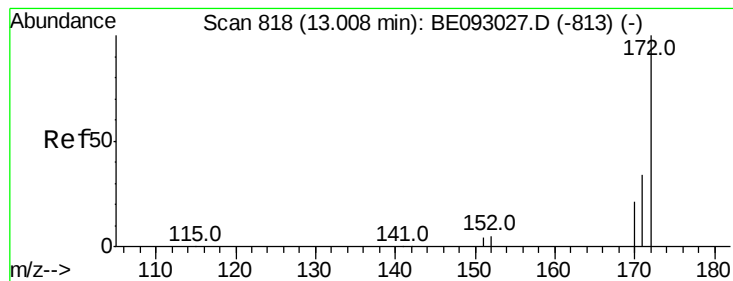
Tot Ion:164 Resp: 1863
Ion Ratio Lower Upper
164 100
162 106.1 84.6 127.0
160 51.0 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion:330 Resp: 218
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 58.7 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.36 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

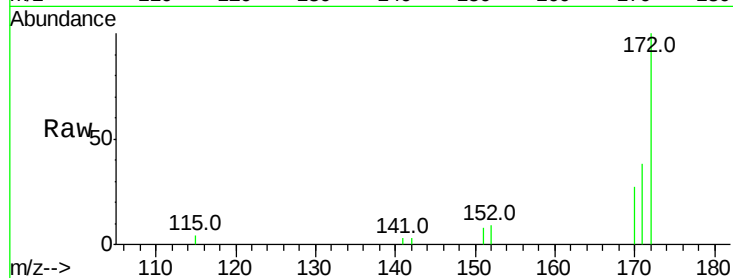
Tot Ion:172 Resp: 2733

Ion Ratio Lower Upper

172 100

171 38.3 29.8 44.6

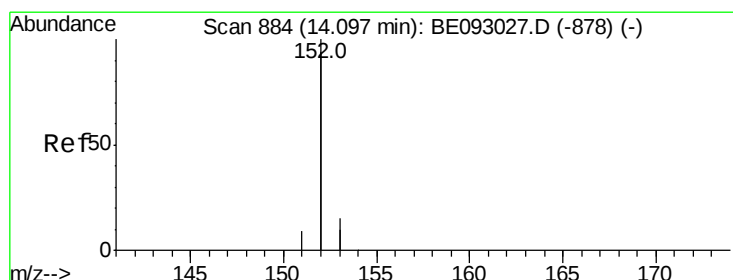
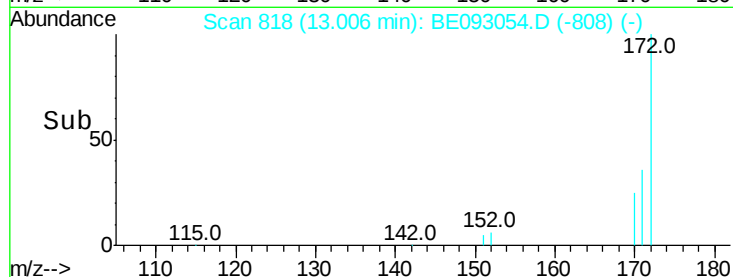
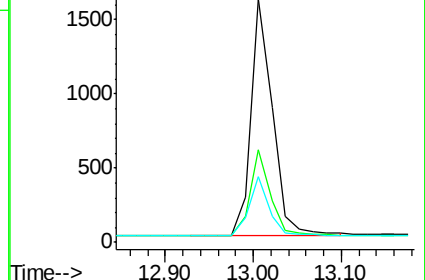
170 27.0 20.7 31.1



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: 0.36 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

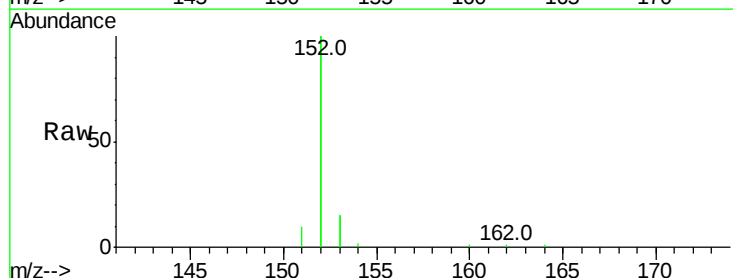
Tgt Ion:152 Resp: 11911

Ion Ratio Lower Upper

152 100

151 4.8 4.0 6.0

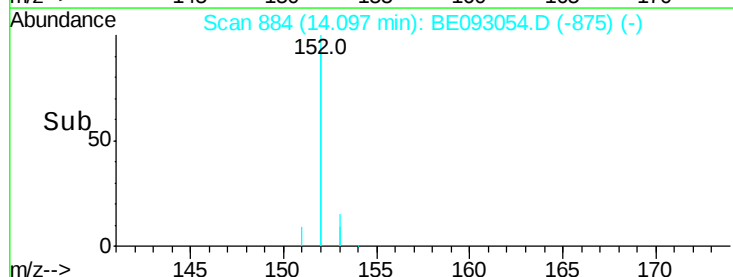
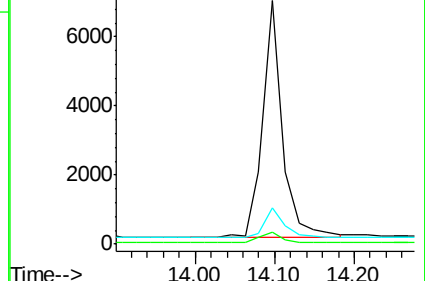
153 13.1 10.3 15.5



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

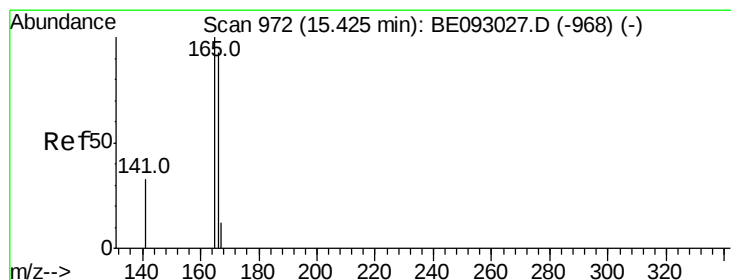
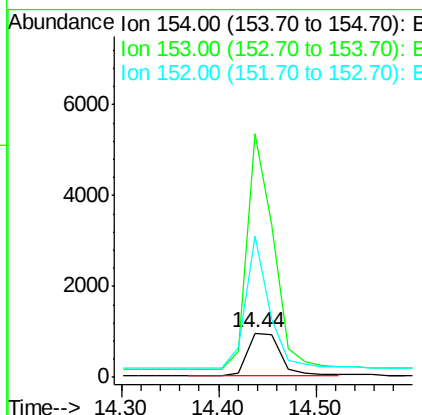
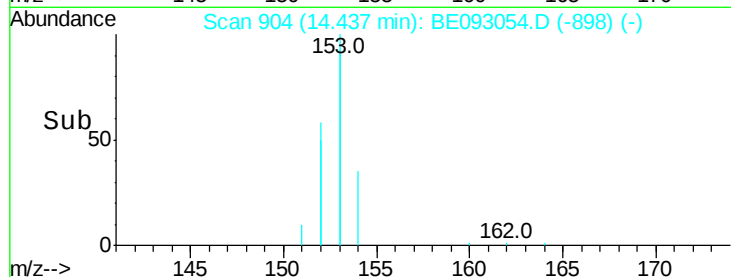
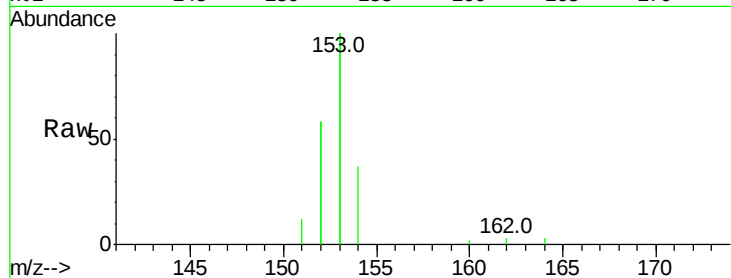




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

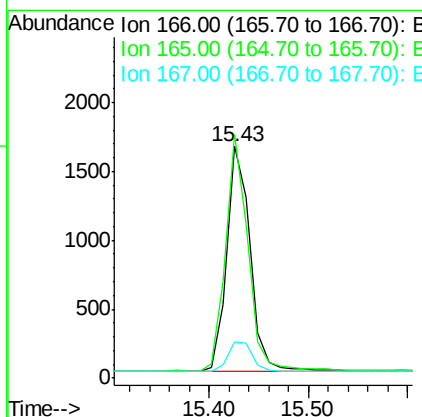
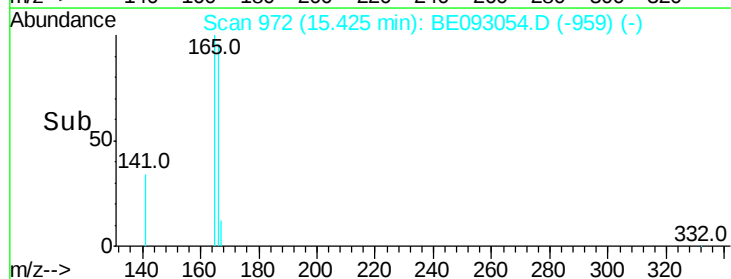
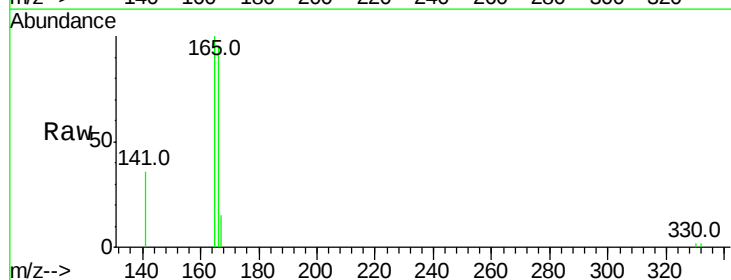
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

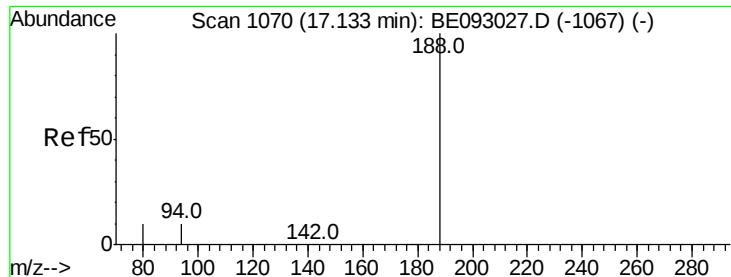
Tot Ion:154 Resp: 2111
Ion Ratio Lower Upper
154 100
153 458.6 367.8 551.6
152 227.7 188.2 282.2



#18
Fluorene
Concen: 0.37 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion:166 Resp: 2698
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 14.5 11.1 16.7

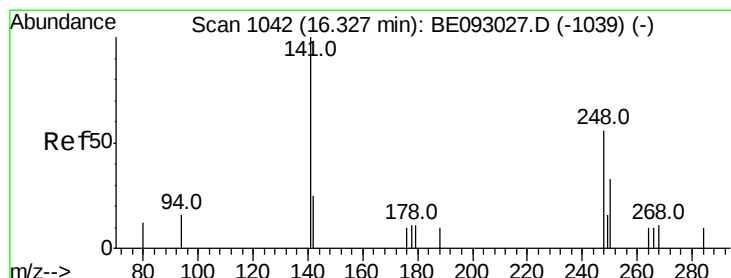
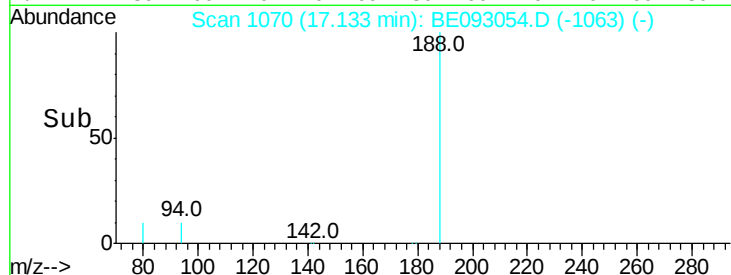
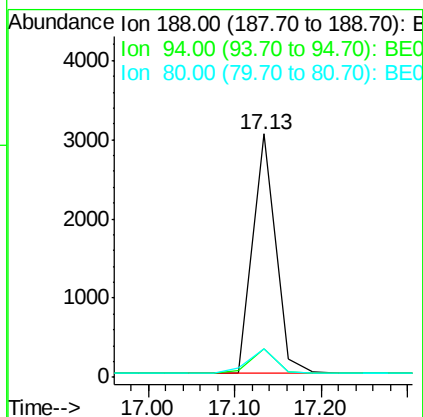
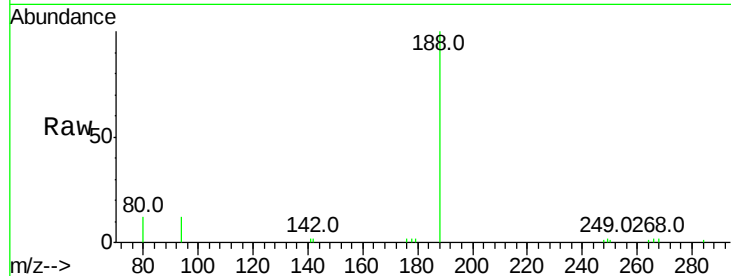




#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.13 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BE093054.D
 Acq: 19 May 2017 10:43

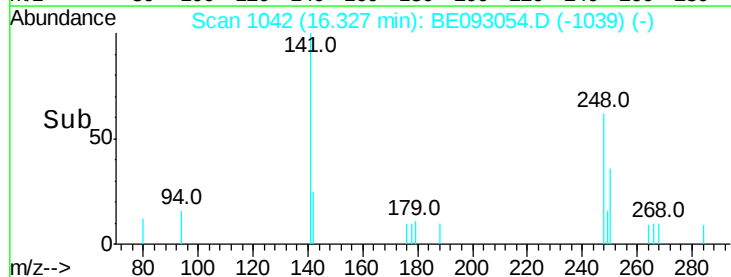
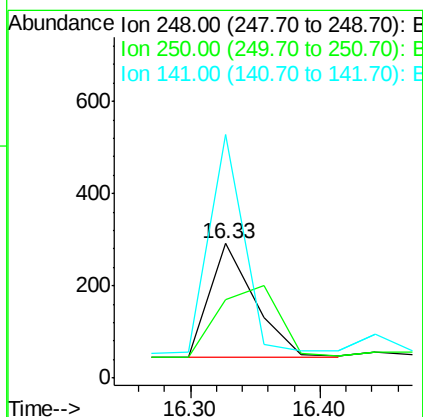
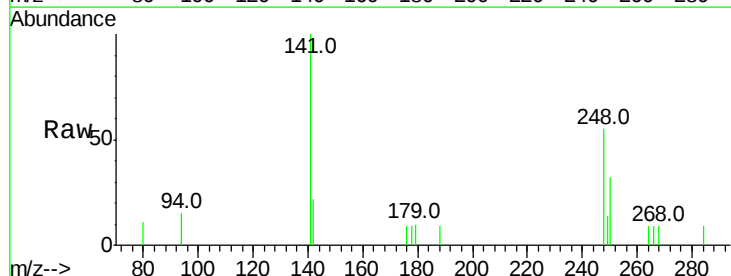
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:188 Resp: 5639
 Ion Ratio Lower Upper
 188 100
 94 11.7 11.3 16.9
 80 11.6 11.7 17.5#



#20
 4-Bromophenyl-phenylether
 Concen: 0.34 ng
 RT: 16.33 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE093054.D
 Acq: 19 May 2017 10:43

Tgt Ion:248 Resp: 597
 Ion Ratio Lower Upper
 248 100
 250 58.2 100.0 150.0#
 141 180.8 40.0 60.0#

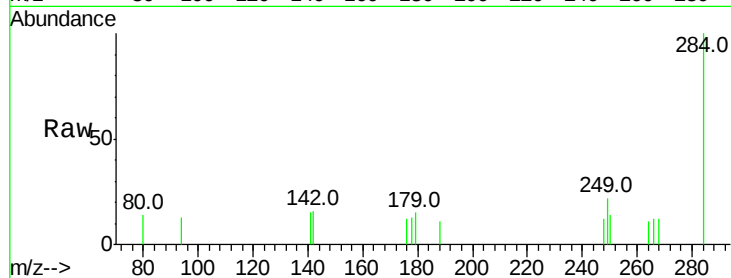




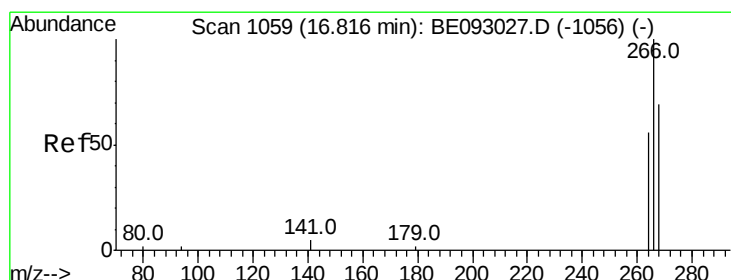
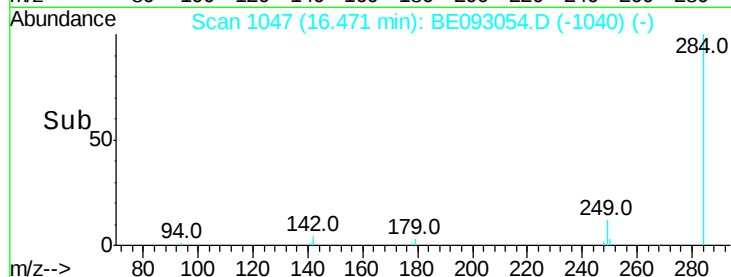
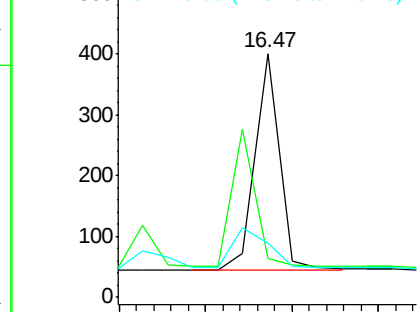
#21
Hexachlorobenzene
Concen: 0.24 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 697
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

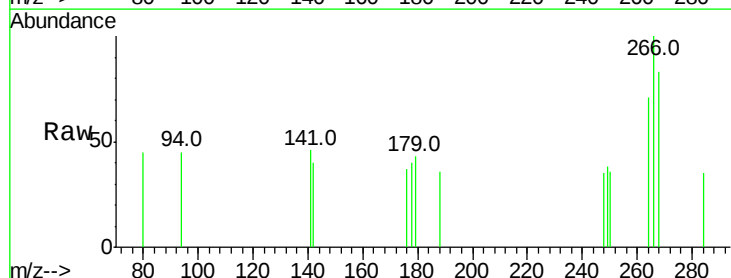


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

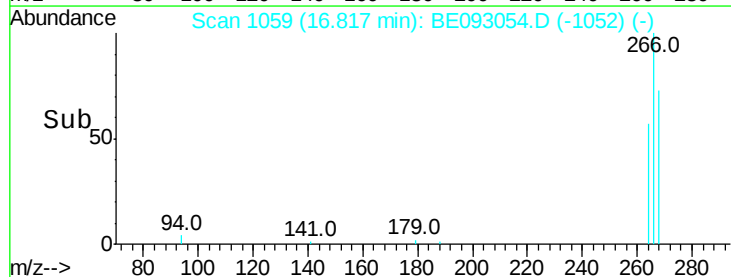
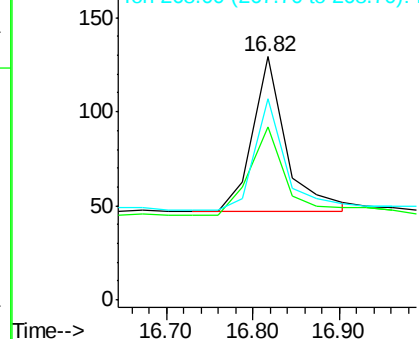


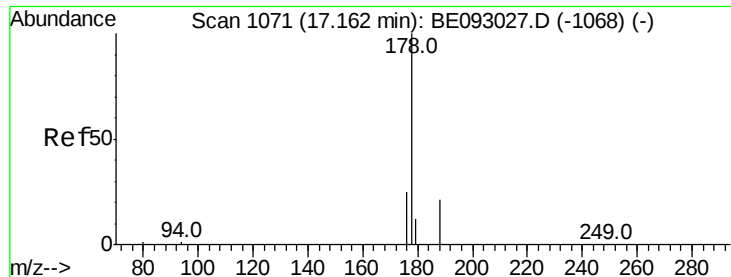
#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion:266 Resp: 224
Ion Ratio Lower Upper
266 100
264 71.3 58.2 87.2
268 82.9 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: 0.26 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

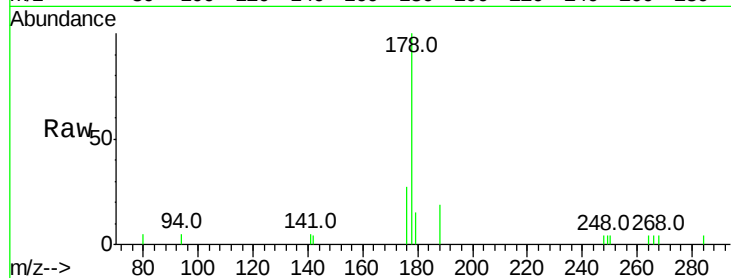
Tot Ion:178 Resp: 3418

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

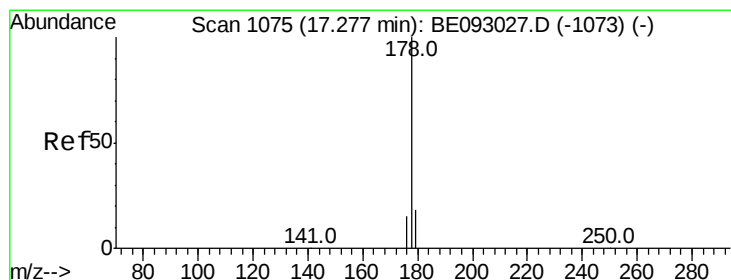
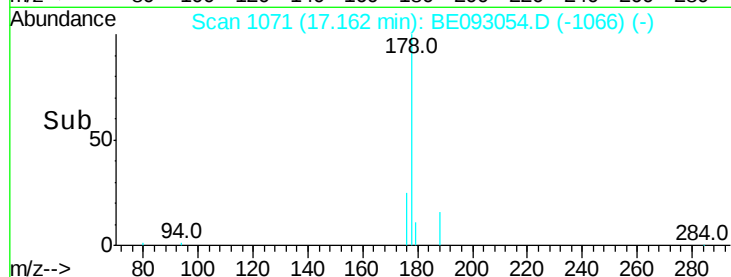
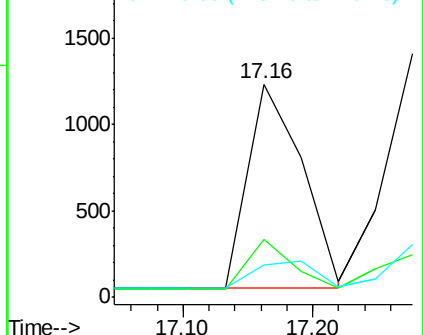
179 0.0 12.7 19.1#



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: 0.25 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

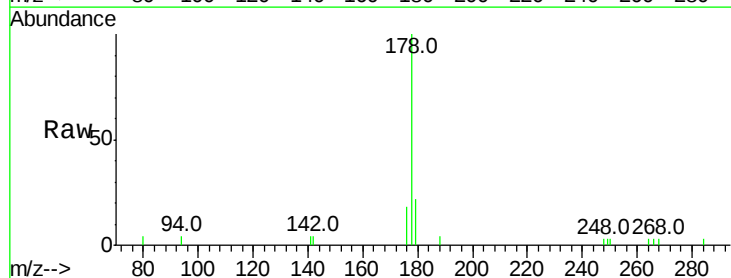
Tgt Ion:178 Resp: 3237

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

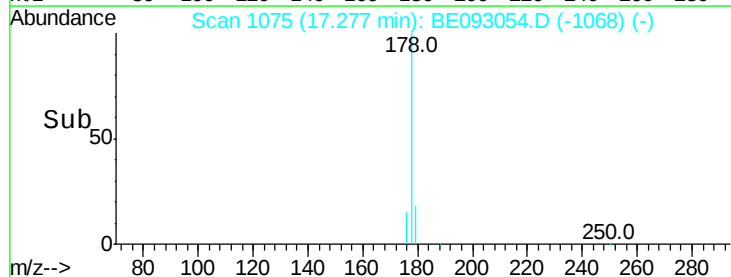
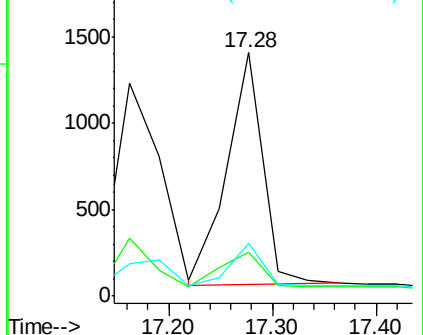
179 16.7 12.0 18.0

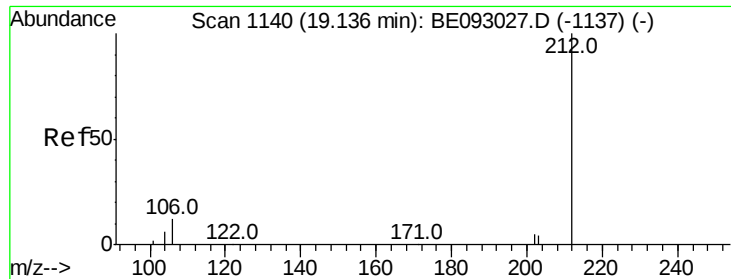


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

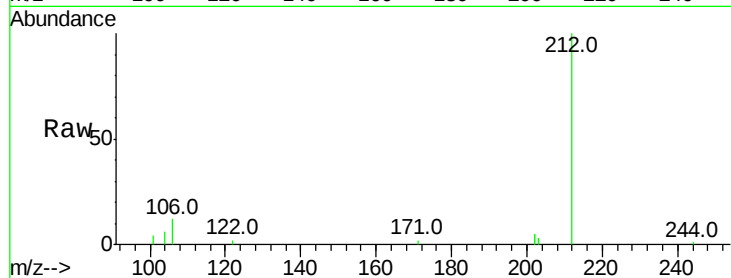




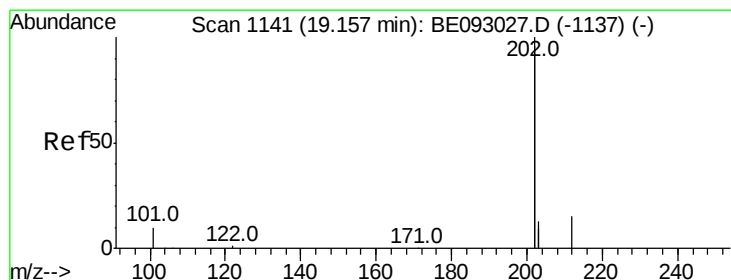
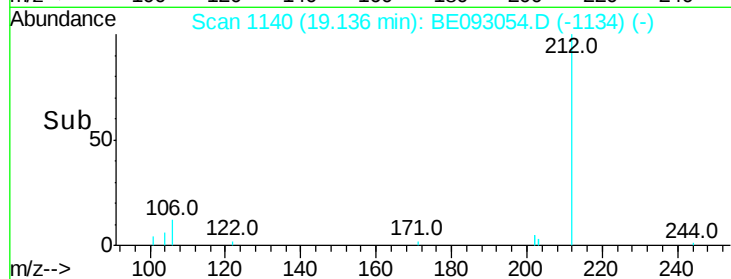
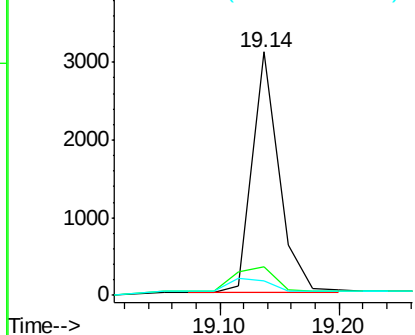
#25
 Fluoranthene-d10
 Concen: 0.32 ng
 RT: 19.14 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BE093054.D
 Acq: 19 May 2017 10:43

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 4786
 Ion Ratio Lower Upper
 212 100
 106 15.4 0.0 0.0#
 104 0.0 0.0 0.0

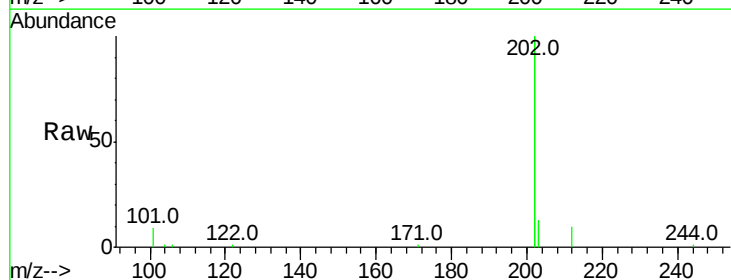


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

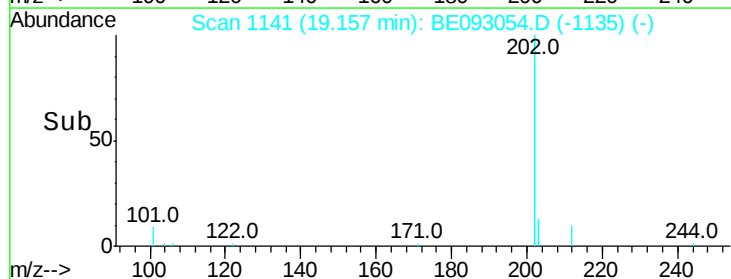
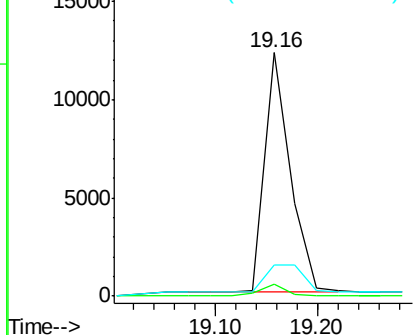


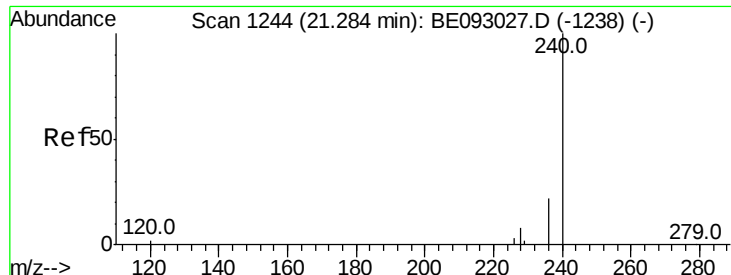
#26
 Fluoranthene
 Concen: 0.31 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BE093054.D
 Acq: 19 May 2017 10:43

Tgt Ion:202 Resp: 21537
 Ion Ratio Lower Upper
 202 100
 101 3.8 0.0 0.0#
 203 16.8 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

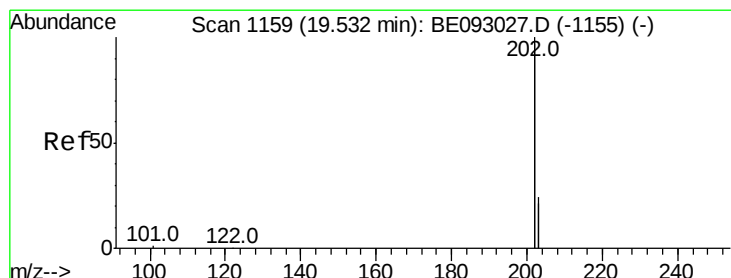
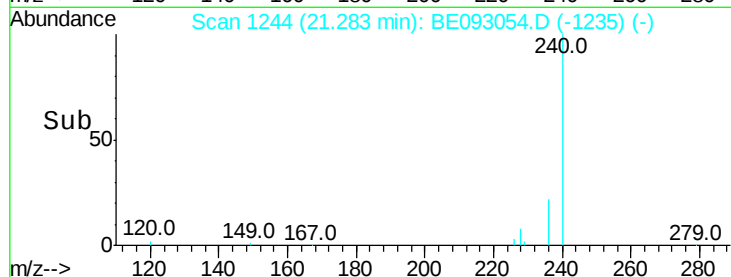
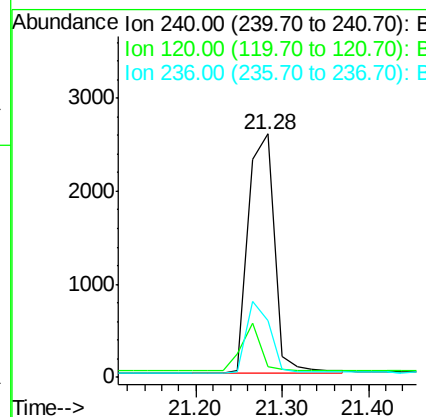
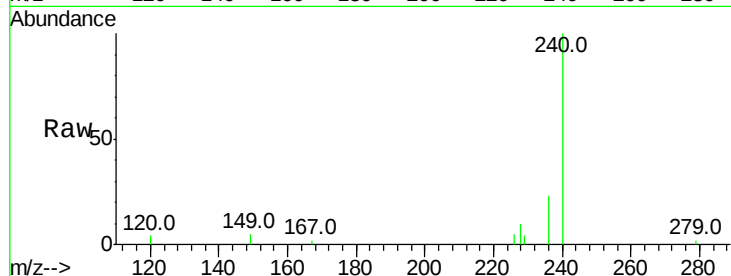




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

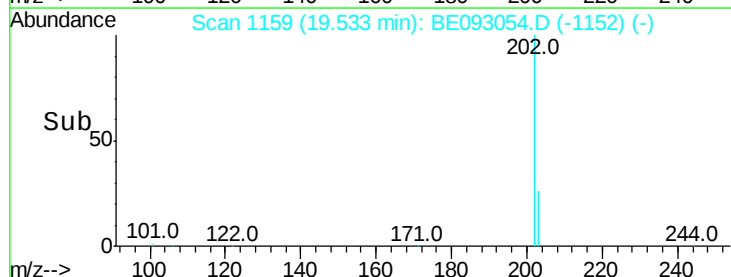
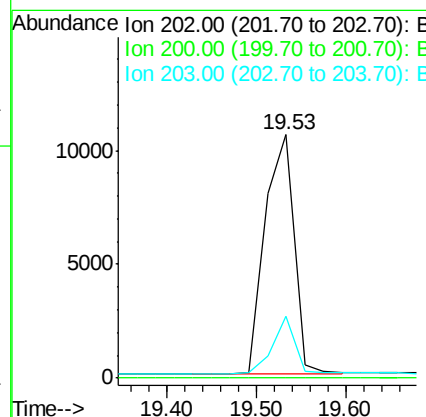
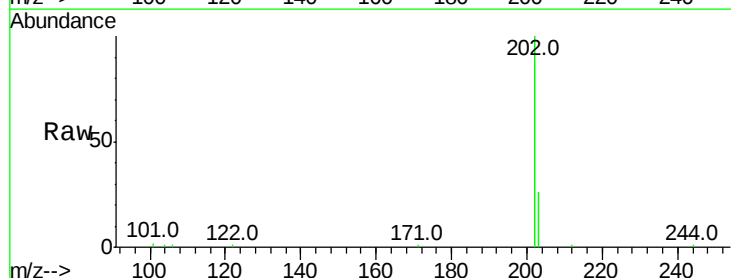
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

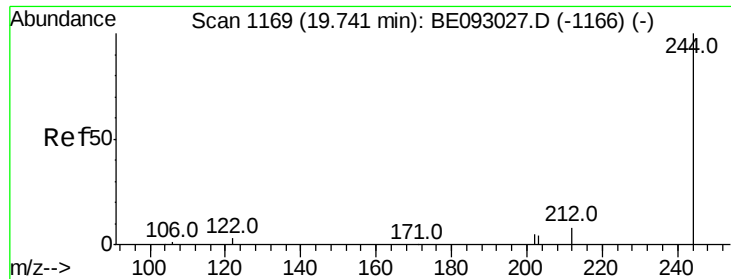
Tot Ion:240 Resp: 5410
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 23.2 20.8 31.2



#28
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion:202 Resp: 23793
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.3 13.7 20.5





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

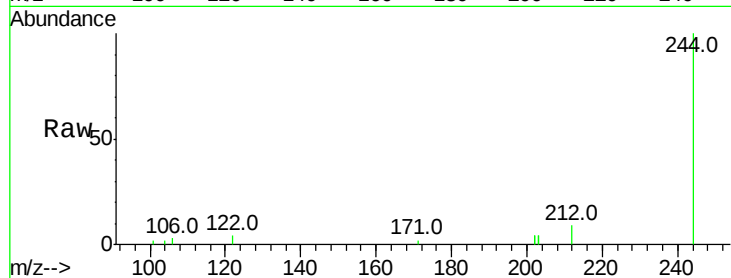
Tot Ion:244 Resp: 3609

Ion Ratio Lower Upper

244 100

212 9.0 10.6 16.0#

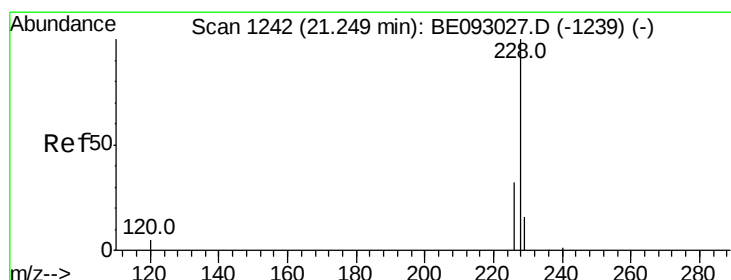
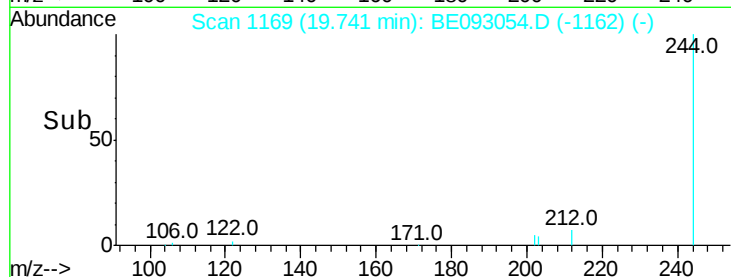
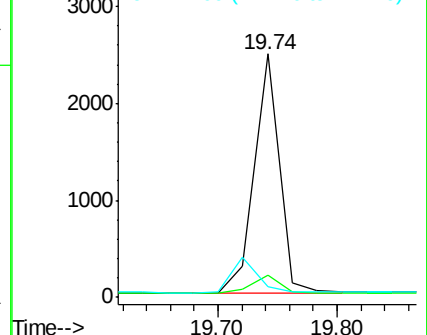
122 4.3 15.4 23.0#



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: 0.37 ng

RT: 21.25 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

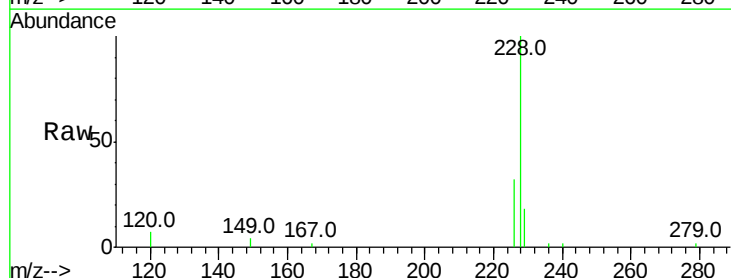
Tgt Ion:228 Resp: 5501

Ion Ratio Lower Upper

228 100

226 31.9 19.7 29.5#

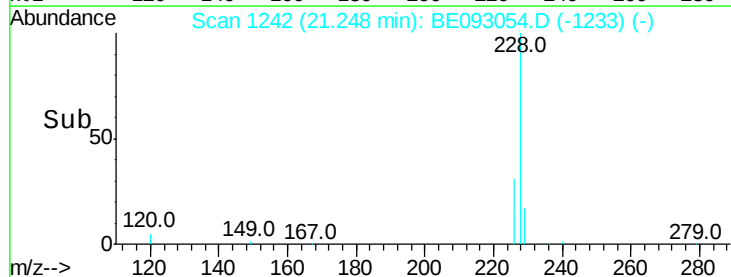
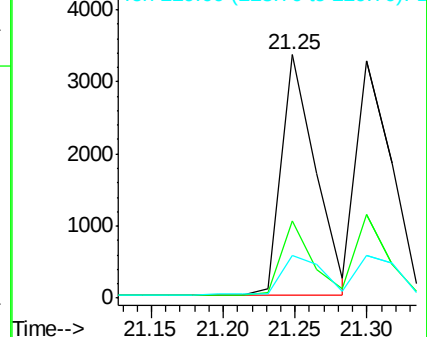
229 17.8 19.2 28.8#

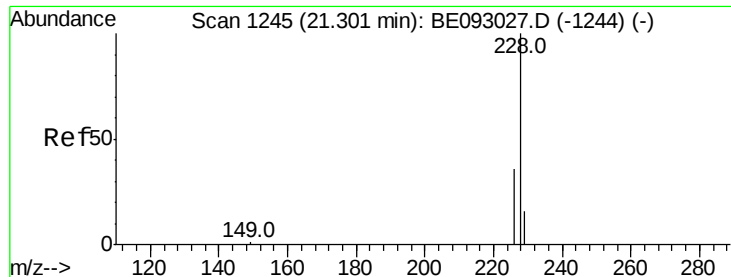


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.35 ng

RT: 21.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

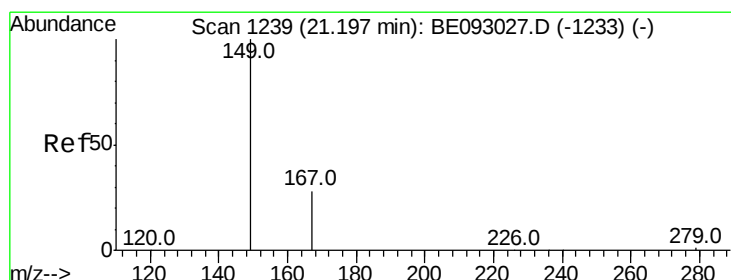
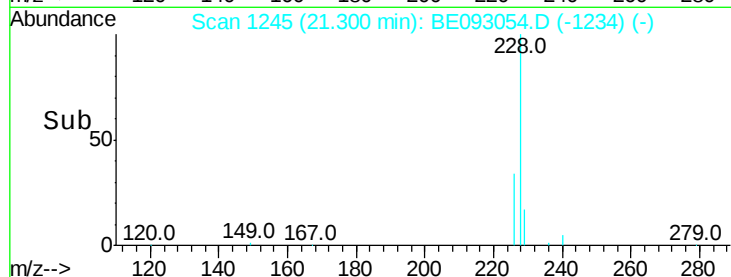
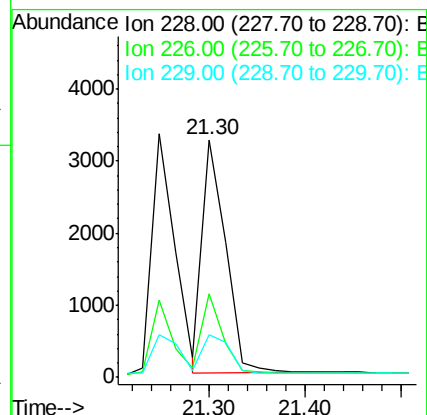
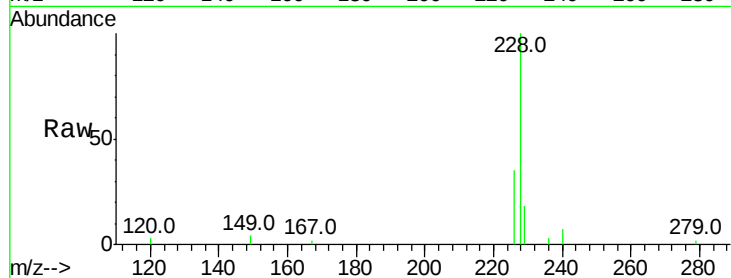
Tot Ion:228 Resp: 5519

Ion Ratio Lower Upper

228 100

226 35.2 21.5 32.3#

229 18.1 18.6 28.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.45 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

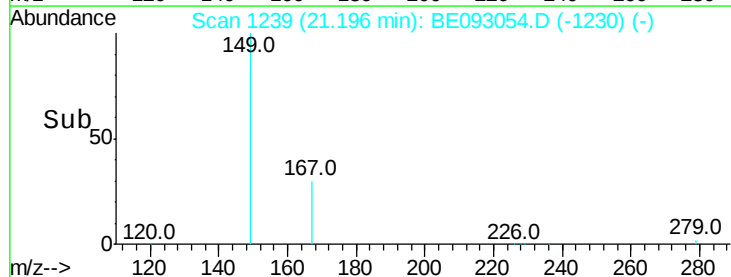
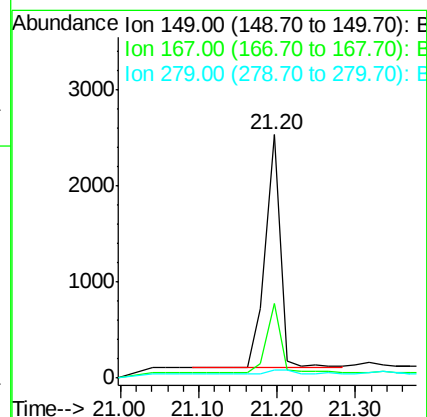
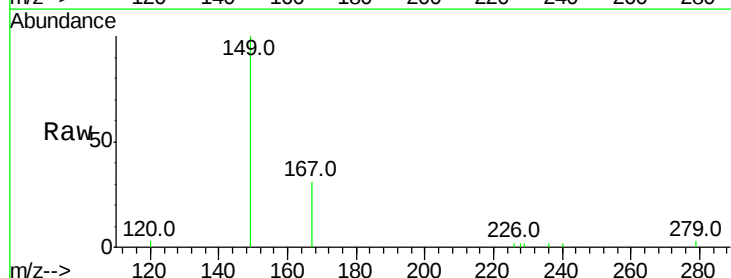
Tgt Ion:149 Resp: 3348

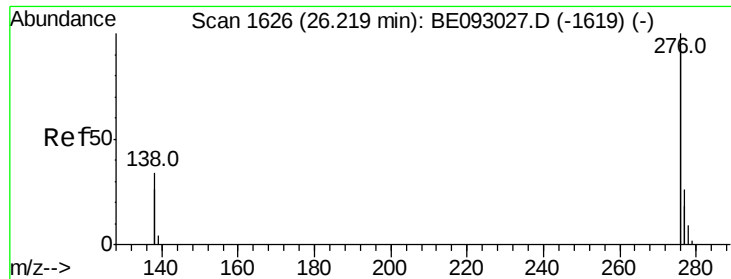
Ion Ratio Lower Upper

149 100

167 26.5 20.1 30.1

279 2.5 2.2 3.4





#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: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

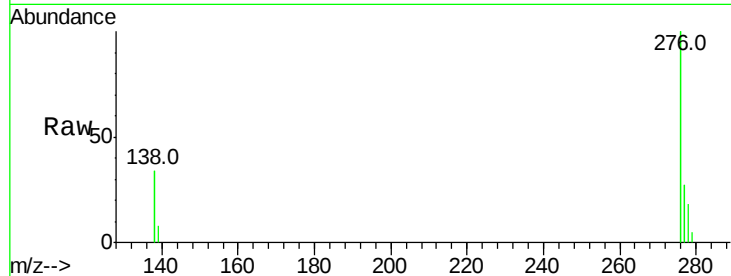
Tot Ion:276 Resp: 21768

Ion Ratio Lower Upper

276 100

138 33.8 27.4 41.2

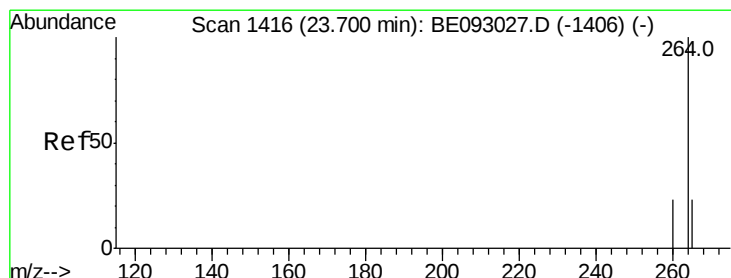
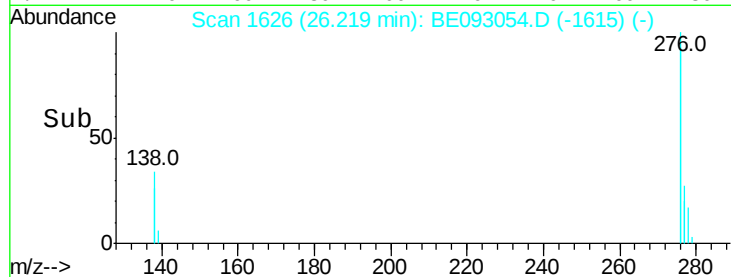
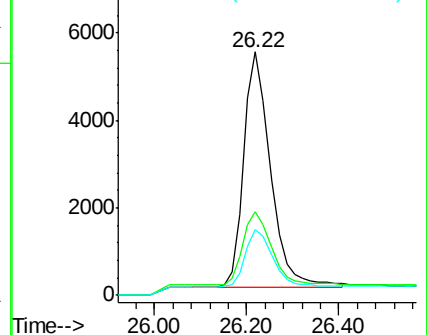
277 25.0 20.1 30.1



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# 1415

Delta R.T. -0.01 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

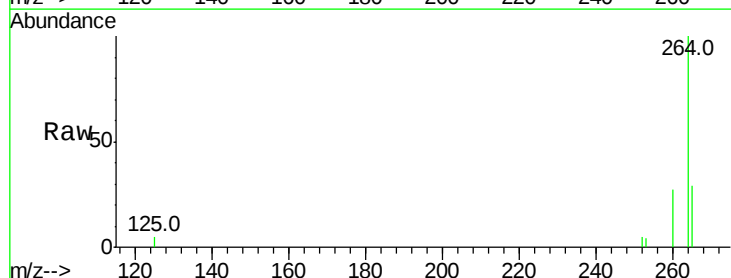
Tgt Ion:264 Resp: 4802

Ion Ratio Lower Upper

264 100

260 26.6 21.0 31.4

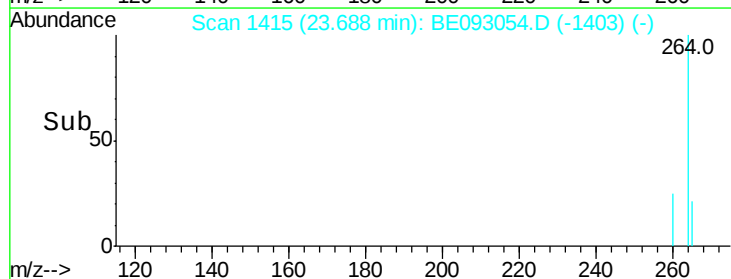
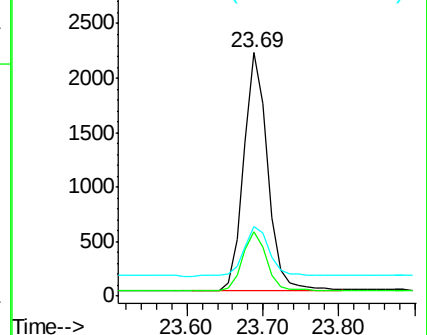
265 28.7 24.6 36.8

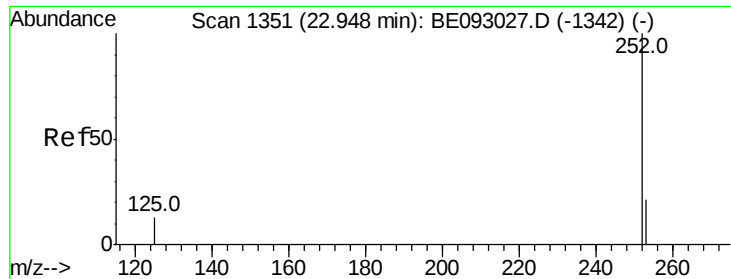


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

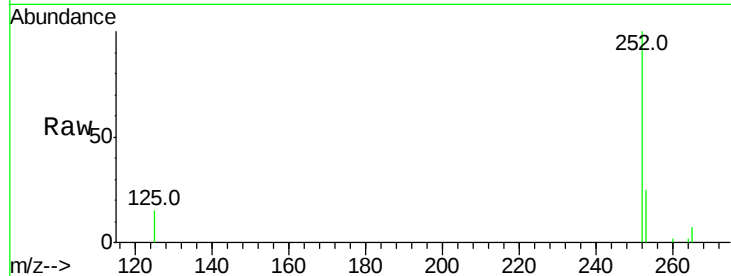
Tot Ion:252 Resp: 5278

Ion Ratio Lower Upper

252 100

253 24.7 18.5 27.7

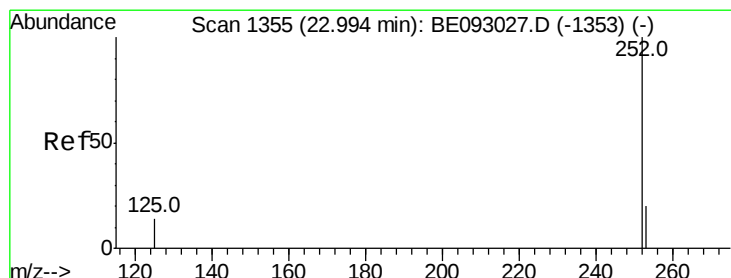
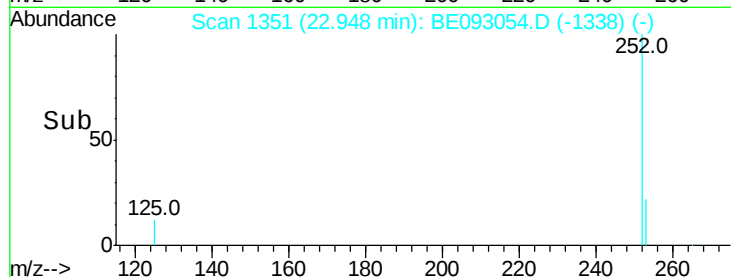
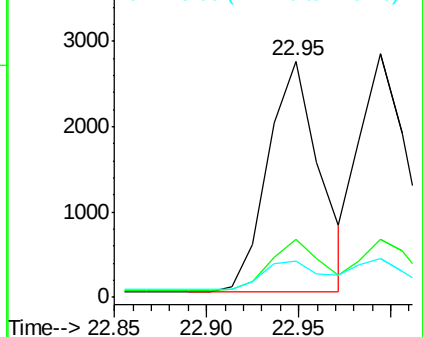
125 15.2 13.4 20.0



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: 0.33 ng

RT: 22.99 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

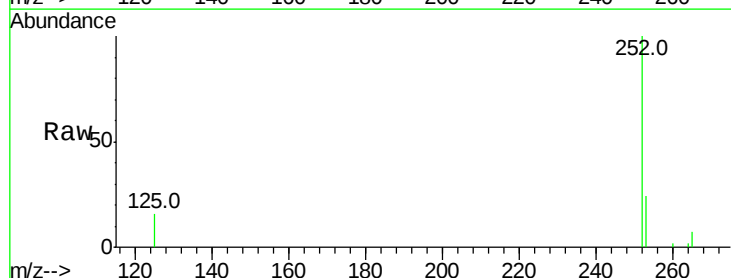
Tgt Ion:252 Resp: 5019

Ion Ratio Lower Upper

252 100

253 24.0 20.3 30.5

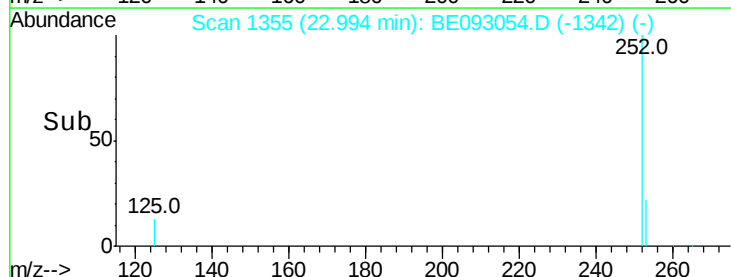
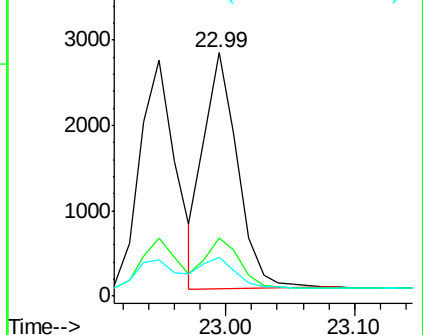
125 16.2 12.2 18.4

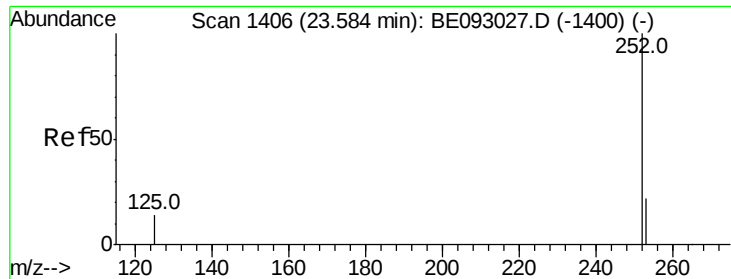


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

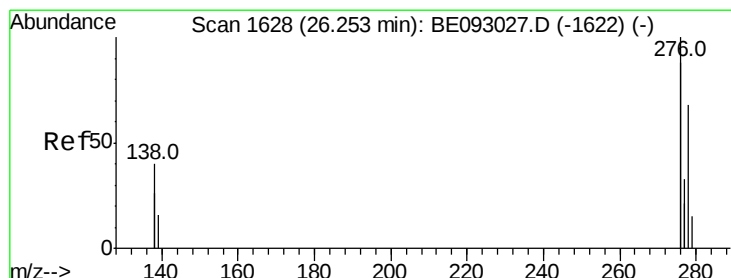
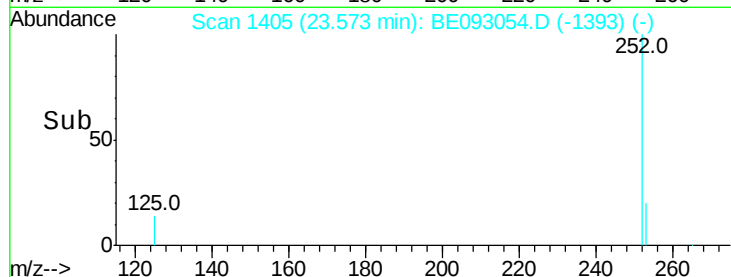
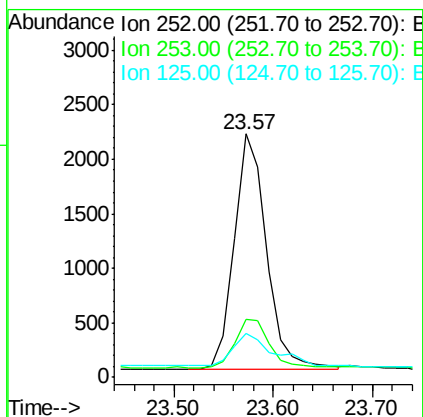
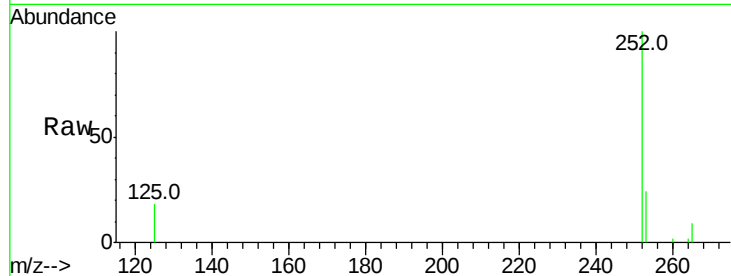




#37
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.57 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

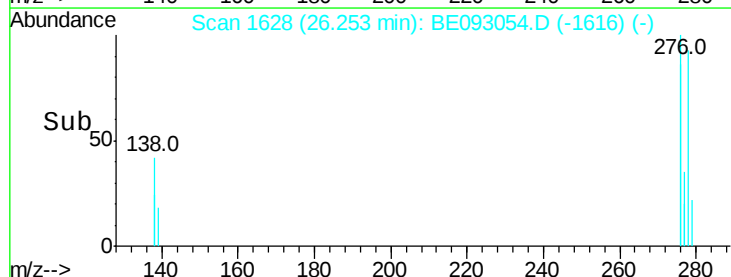
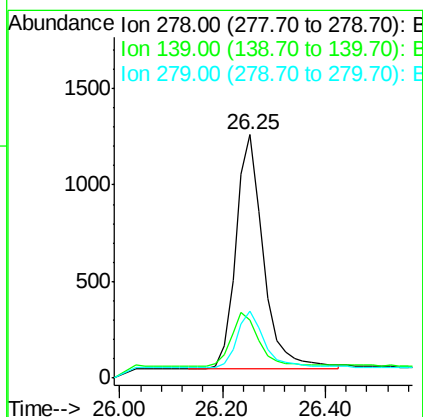
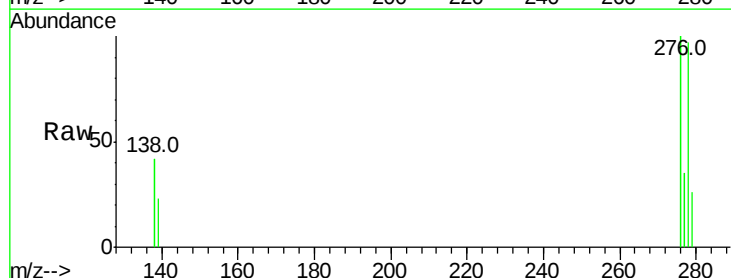
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

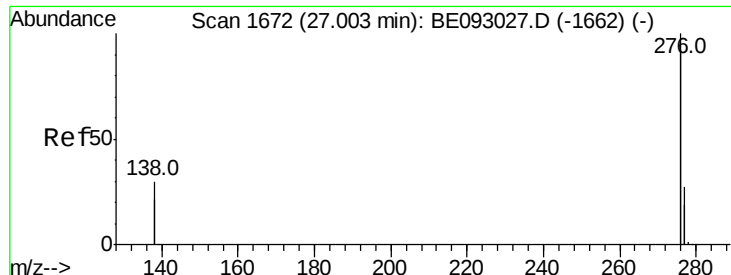
Tot Ion:252 Resp: 4877
Ion Ratio Lower Upper
252 100
253 23.7 19.9 29.9
125 18.2 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093054.D
Acq: 19 May 2017 10:43

Tgt Ion:278 Resp: 4542
Ion Ratio Lower Upper
278 100
139 23.9 21.4 32.0
279 27.4 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.35 ng

RT: 26.99 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BE093054.D

Acq: 19 May 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

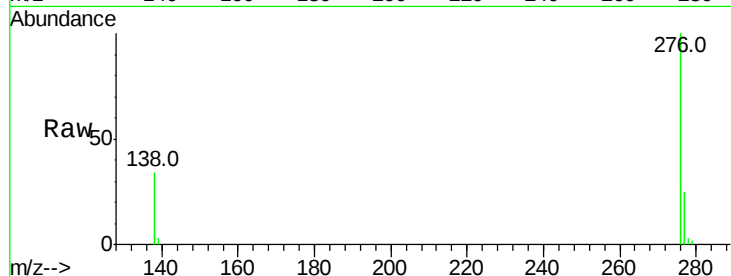
Tot Ion:276 Resp: 19880

Ion Ratio Lower Upper

276 100

277 24.8 21.2 31.8

138 33.5 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

