

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093954.D
 Acq On : 11 Sep 2017 9:43
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 12 07:39:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1925	0.40	ng	0.00
7) Naphthalene-d8	10.70	136	10012	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5482	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10518	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13517	0.40	ng	0.00
34) Perylene-d12	23.94	264	10171	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	2461	0.40	ng	0.00
5) Phenol-d6	7.11	99	3506	0.38	ng	0.00
8) Nitrobenzene-d5	9.08	82	3242	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6356	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	661	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8950	0.41	ng	0.00
25) Fluoranthene-d10	19.29	212	61150	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	10056	0.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	1082	0.408	ng	98
3) n-Nitrosodimethylamine	3.75	42	1206	0.388	ng	# 98
6) bis(2-Chloroethyl)ether	7.34	93	3008	0.394	ng	89
9) Naphthalene	10.76	128	46502	0.405	ng	100
10) Hexachlorobutadiene	11.04	225	1620	0.388	ng	99
12) 2-Methylnaphthalene	12.37	142	7585	0.398	ng	100
16) Acenaphthylene	14.24	152	10440	0.382	ng	100
17) Acenaphthene	14.58	154	7497	0.405	ng	97
18) Fluorene	15.58	166	9733	0.408	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2736	0.462	ng	# 77
21) Hexachlorobenzene	16.58	284	2413	0.389	ng	# 100
22) Pentachlorophenol	16.94	266	671	0.402	ng	94
23) Phenanthrene	17.30	178	17249	0.530	ng	# 99
24) Anthracene	17.40	178	11086	0.346	ng	# 92
26) Fluoranthene	19.32	202	18128	0.387	ng	100
28) Pyrene	19.67	202	19012	0.409	ng	100
30) Benzo(a)anthracene	21.40	228	15836	0.381	ng	98
31) Chrysene	21.46	228	17692	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	37996	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	9361	0.320	ng	94
35) Benzo(b)fluoranthene	23.16	252	12297	0.380	ng	97
36) Benzo(k)fluoranthene	23.22	252	16588	0.418	ng	95
37) Benzo(a)pyrene	23.83	252	12978	0.394	ng	95
38) Dibenzo(a,h)anthracene	26.63	278	6968	0.319	ng	# 89
39) Benzo(g,h,i)perylene	27.43	276	8216	0.356	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

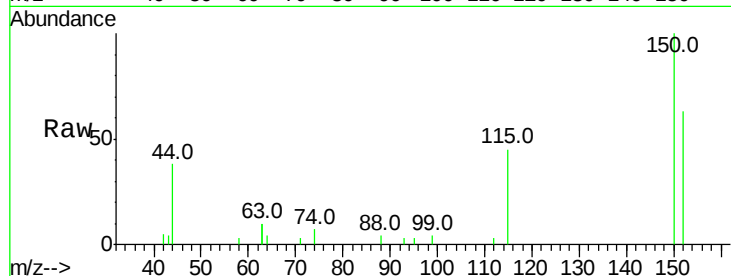
Tot Ion:152 Resp: 1925

Ion Ratio Lower Upper

152 100

150 159.4 121.8 182.6

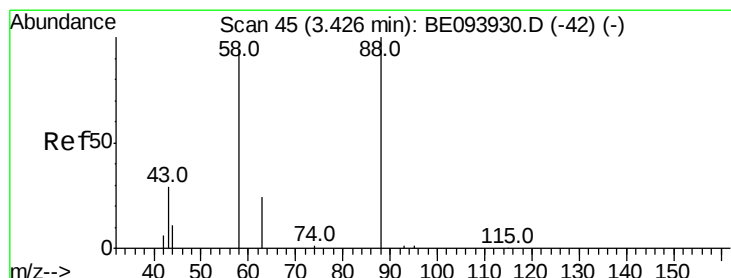
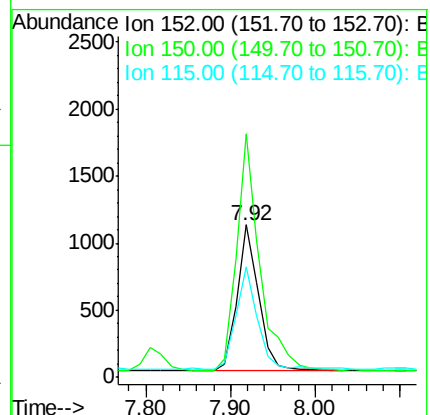
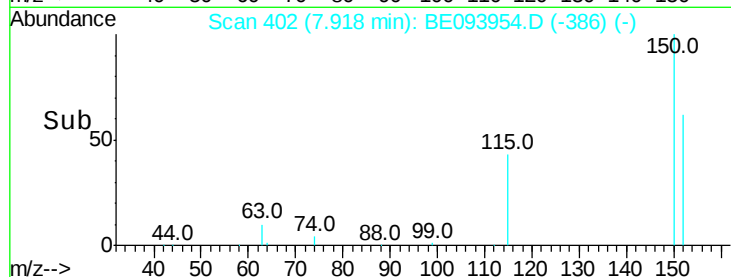
115 72.1 52.6 79.0



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: 0.408 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

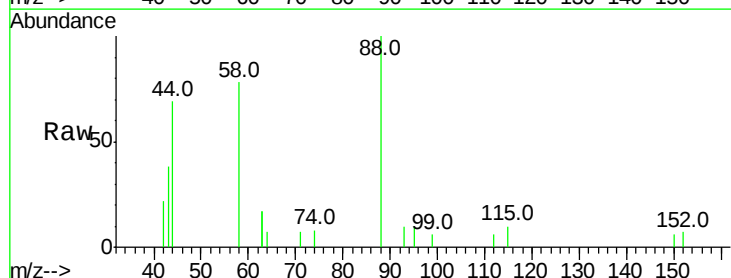
Tgt Ion: 88 Resp: 1082

Ion Ratio Lower Upper

88 100

58 83.2 65.4 98.0

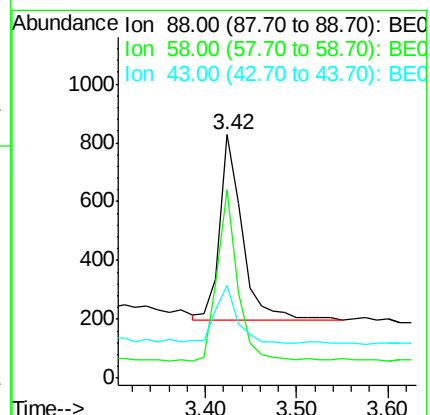
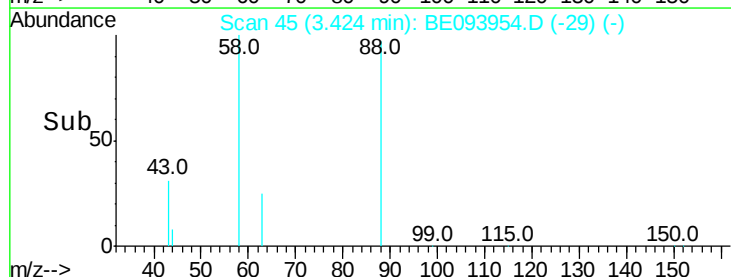
43 30.6 23.9 35.9

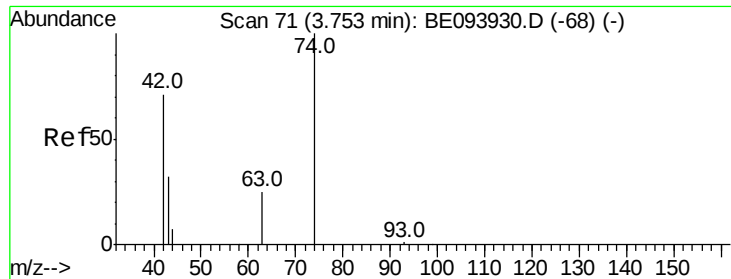


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.388 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

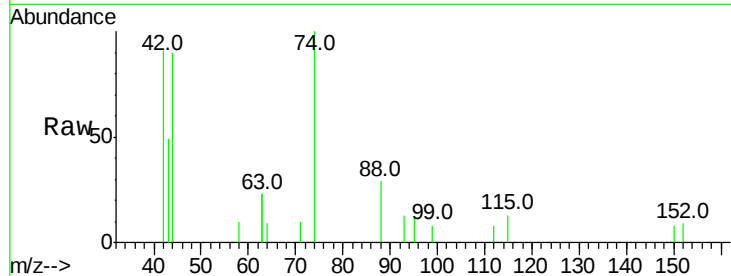
Tot Ion: 42 Resp: 1206

Ion Ratio Lower Upper

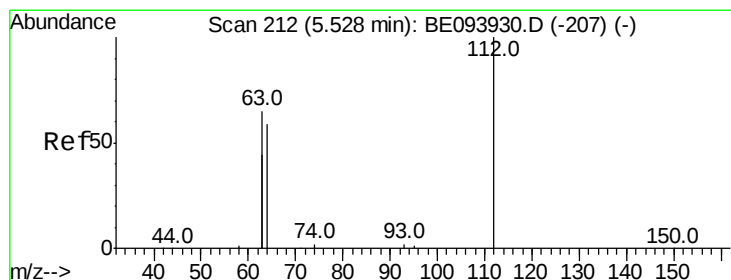
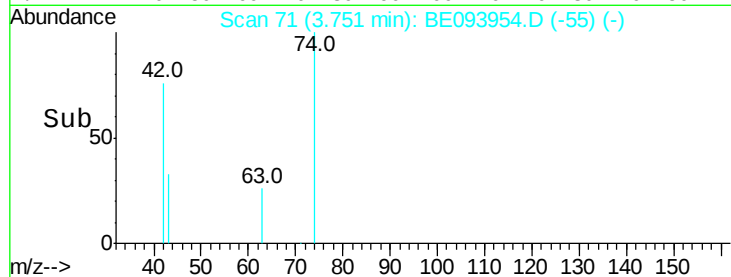
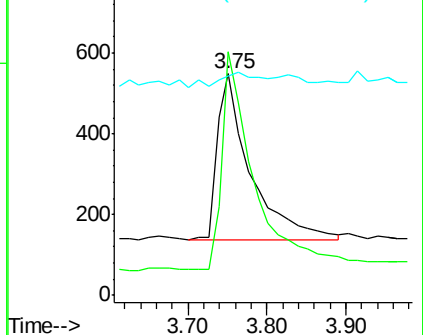
42 100

74 130.1 104.0 156.0

44 8.7 13.8 20.8#



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: 0.395 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

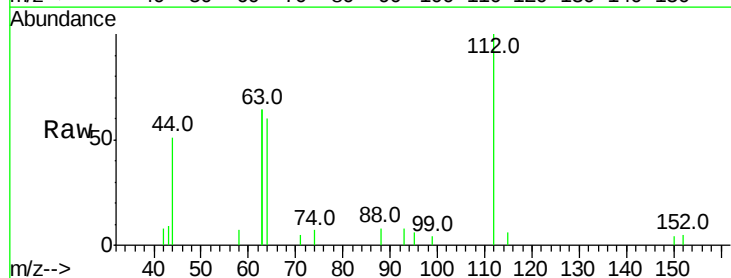
Tgt Ion: 112 Resp: 2461

Ion Ratio Lower Upper

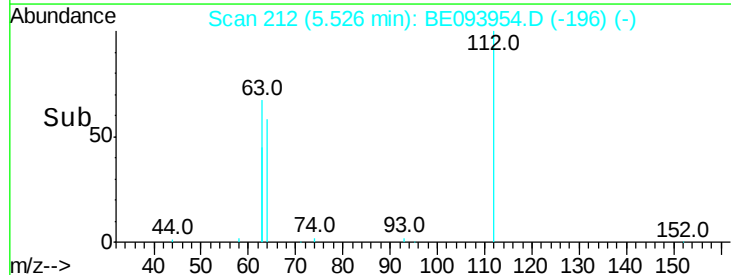
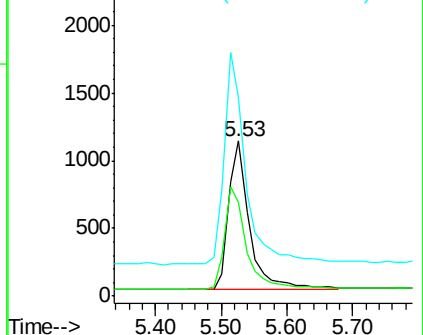
112 100

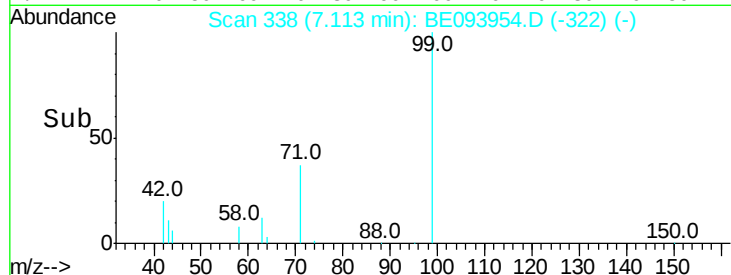
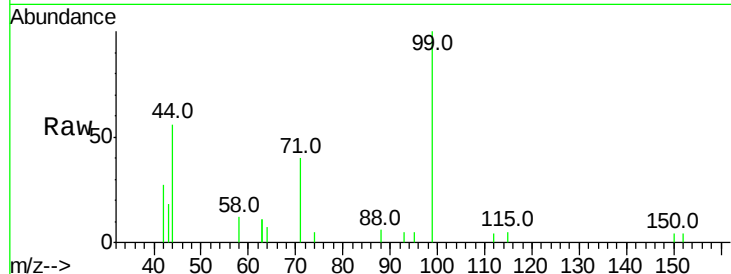
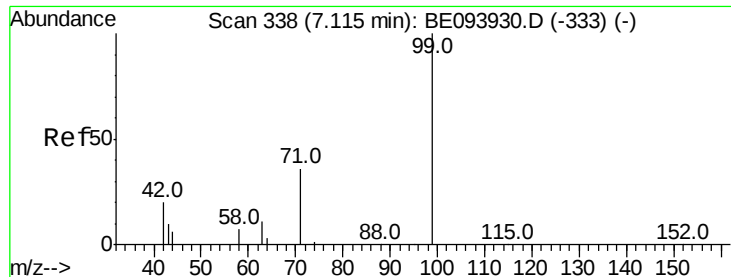
64 70.9 57.7 86.5

63 144.1 116.0 174.0



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: 0.375 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

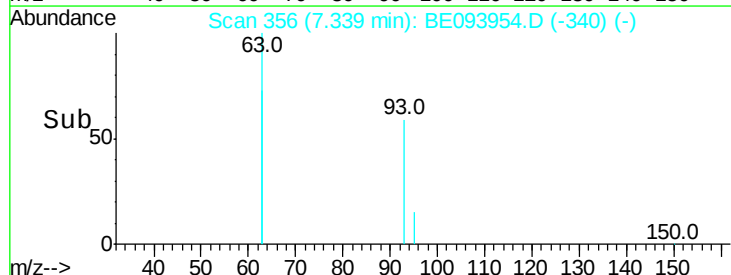
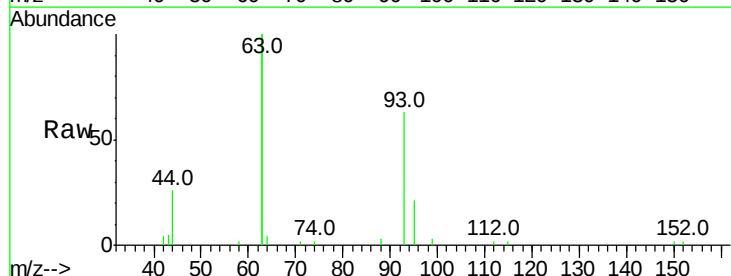
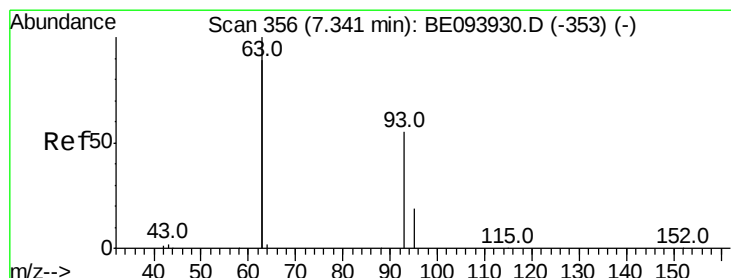
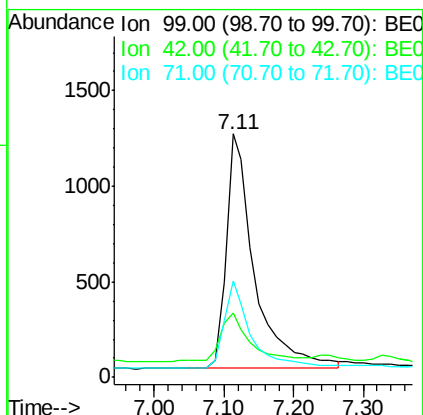
Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Tot Ion: 99 Resp: 3506

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	35.2	26.6	39.8

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 7.34 min Scan# 356

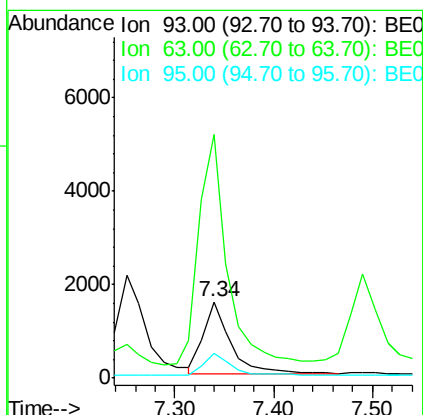
Delta R.T. -0.00 min

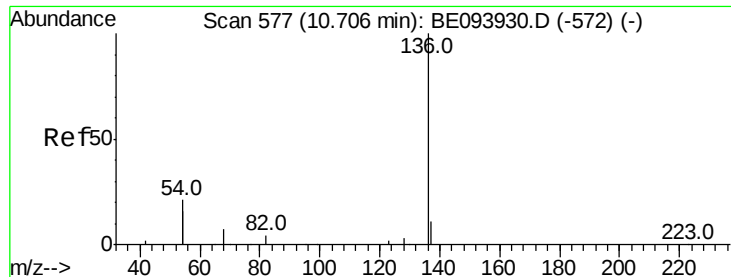
Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Tgt Ion: 93 Resp: 3008

Ion	Ratio	Lower	Upper
93	100		
63	328.6	283.4	425.2
95	31.2	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.70 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 10012

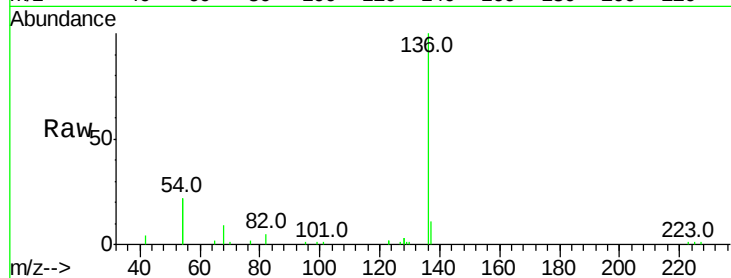
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 44.3 21.9 32.9#

68 8.6 4.6 7.0#

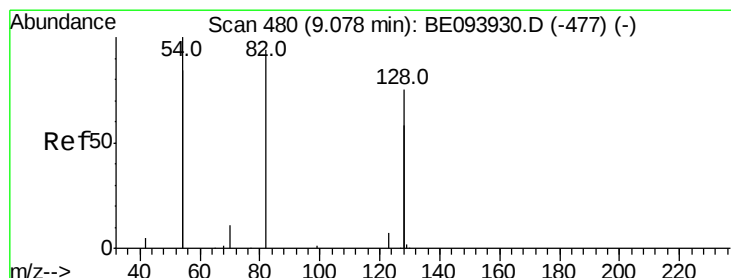
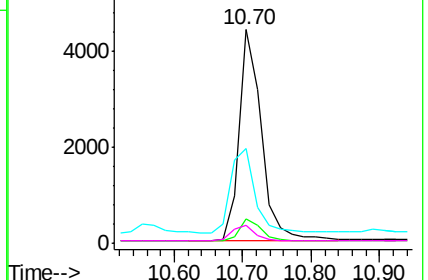
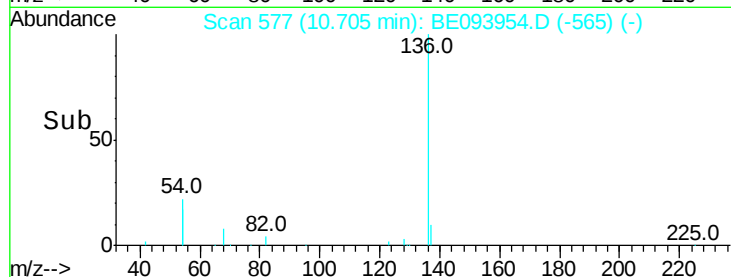


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

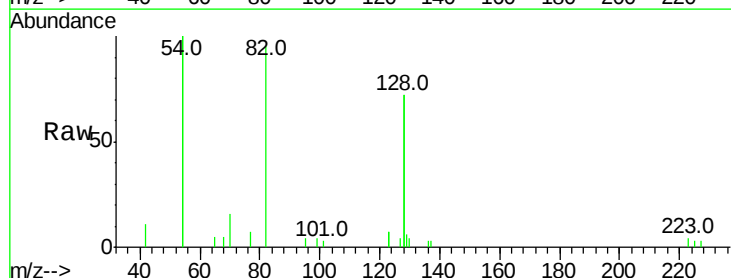
Tgt Ion: 82 Resp: 3242

Ion Ratio Lower Upper

82 100

128 151.7 91.4 137.0#

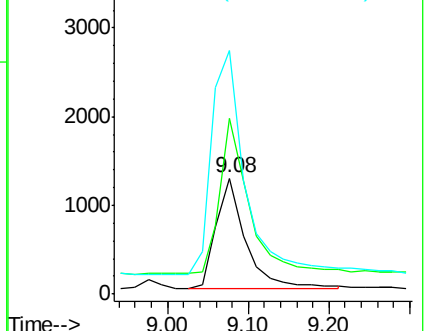
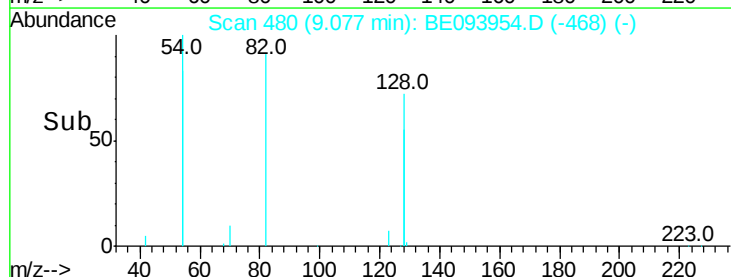
54 209.8 197.8 296.8



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: 0.405 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

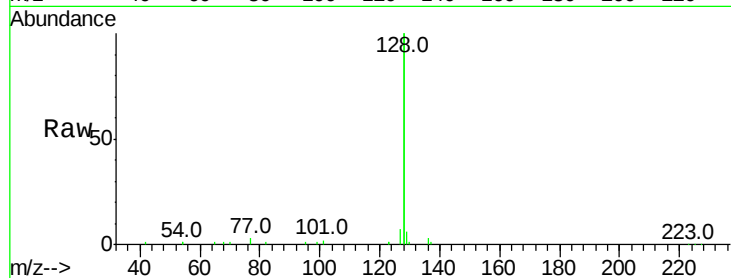
Tot Ion:128 Resp: 46502

Ion Ratio Lower Upper

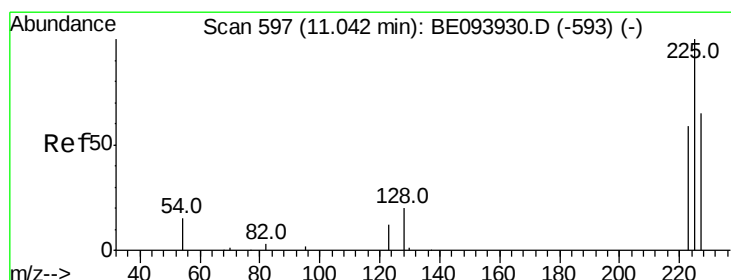
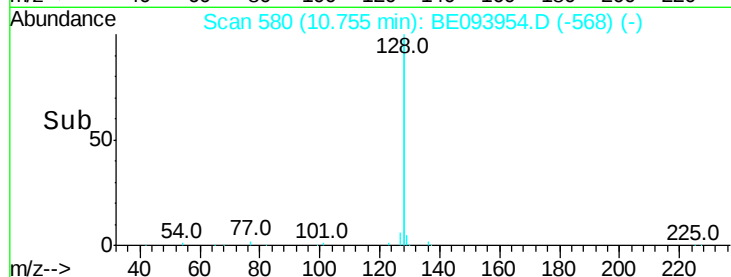
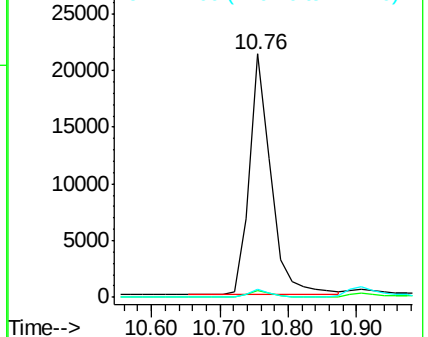
128 100

129 3.0 2.5 3.7

127 3.5 2.6 4.0



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: 0.388 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

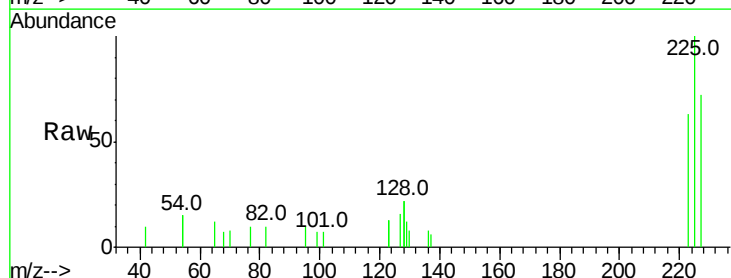
Tgt Ion:225 Resp: 1620

Ion Ratio Lower Upper

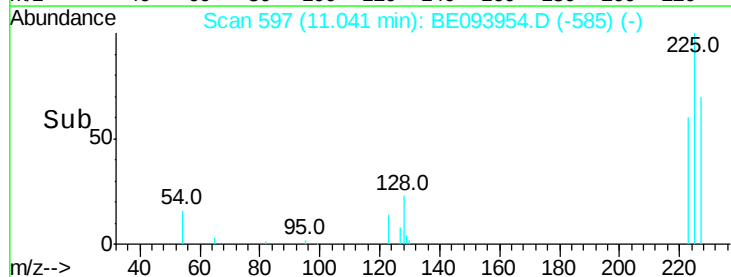
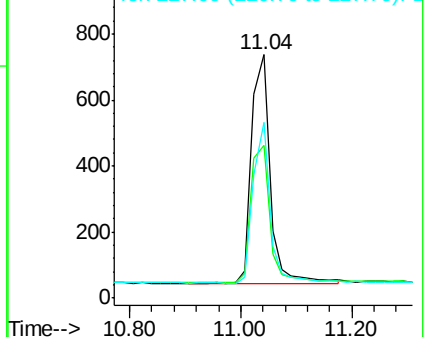
225 100

223 62.5 49.4 74.0

227 64.4 50.5 75.7



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: 0.397 ng

RT: 12.30 min Scan# 827

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

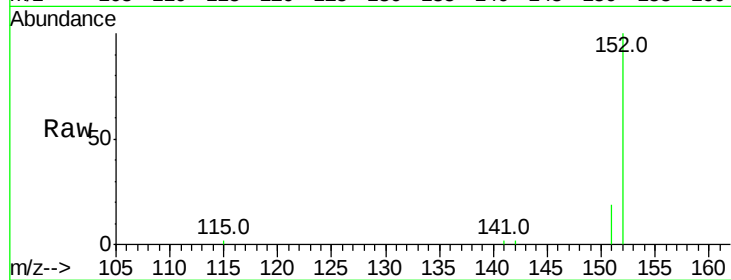
SSTDCCC0.4

Tot Ion:152 Resp: 6356

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

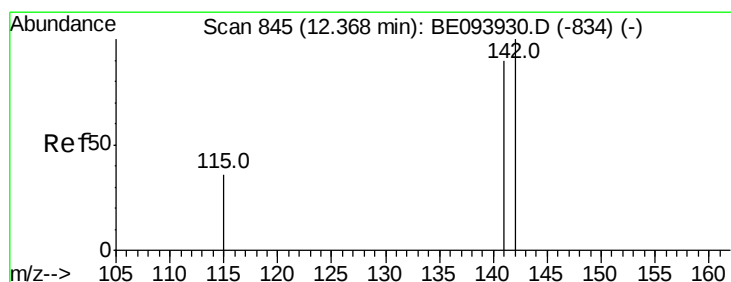
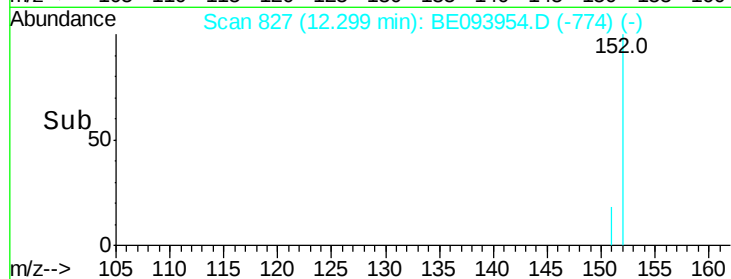
2000

1000

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 12.37 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

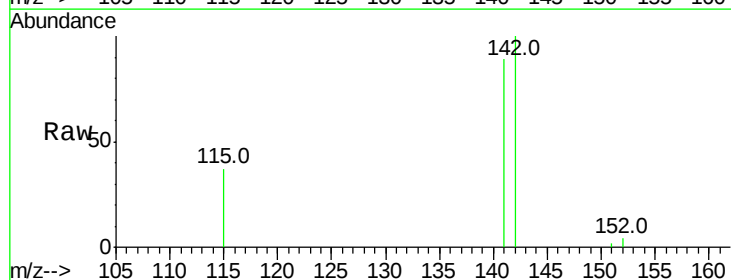
Tgt Ion:142 Resp: 7585

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

115 36.8 29.4 44.0



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

5000

4000

3000

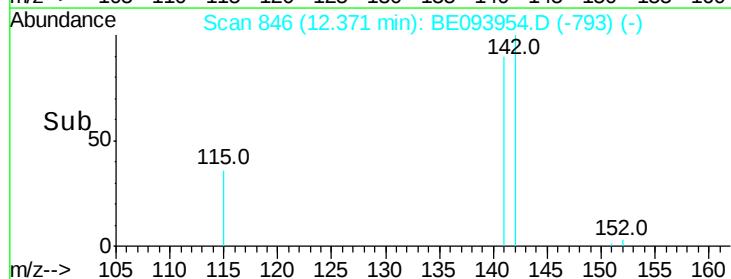
2000

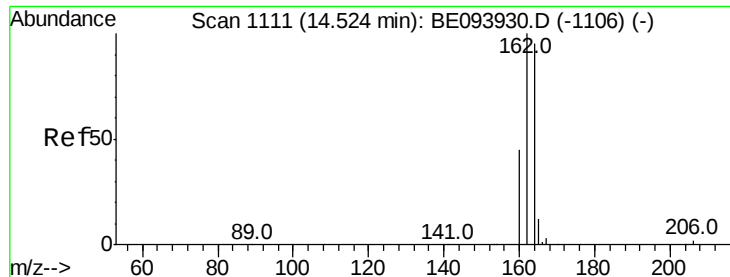
1000

0

12.30 12.40 12.50 12.60

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

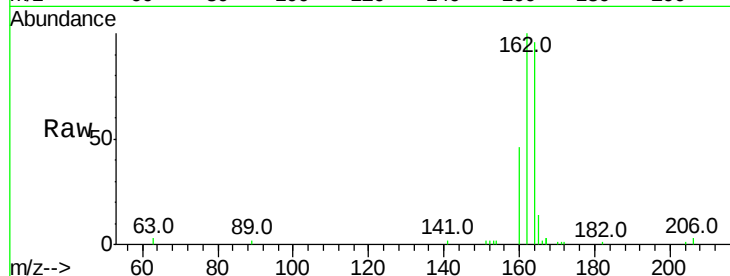
Tot Ion:164 Resp: 5482

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

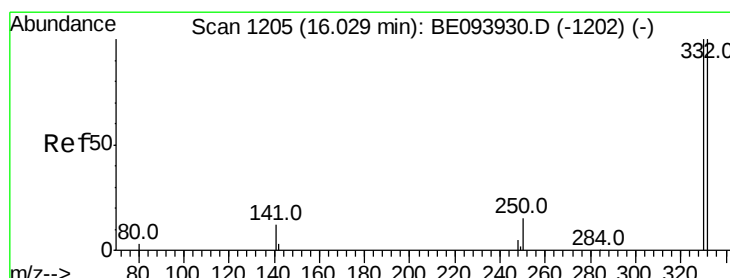
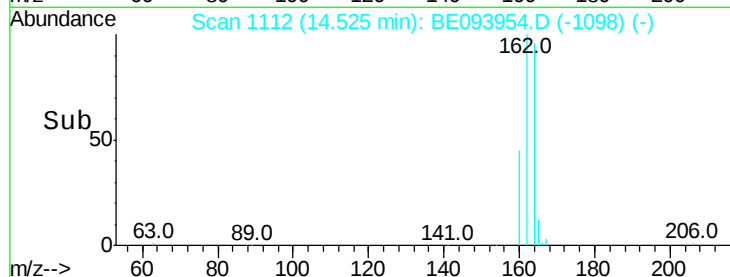
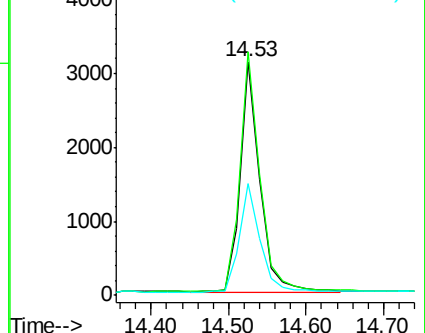
160 48.0 37.0 55.4



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: 0.389 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

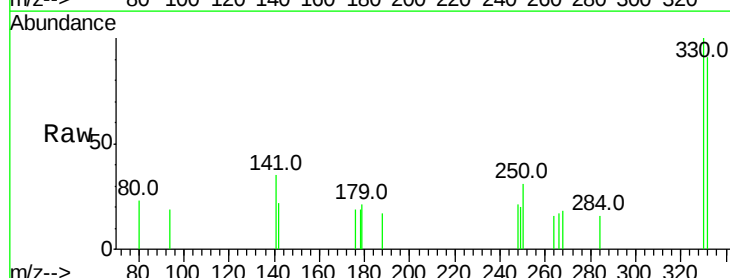
Tgt Ion:330 Resp: 661

Ion Ratio Lower Upper

330 100

332 92.0 76.9 115.3

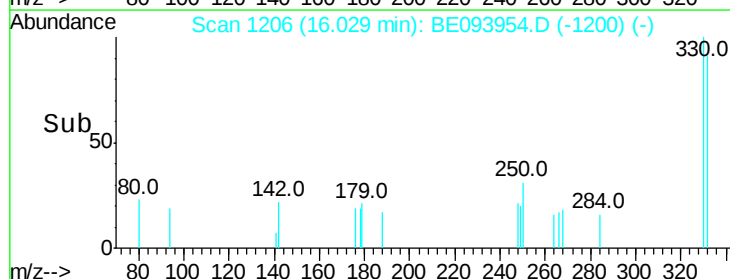
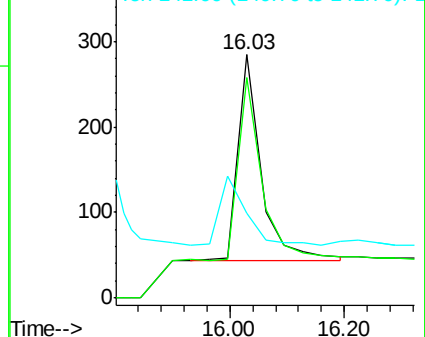
141 0.0 0.0 0.0

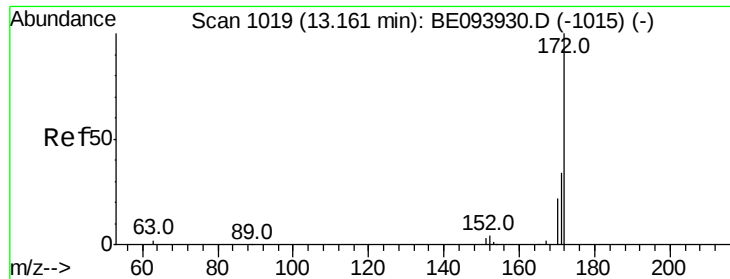


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

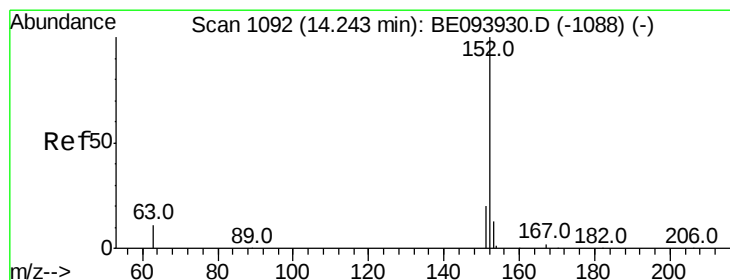
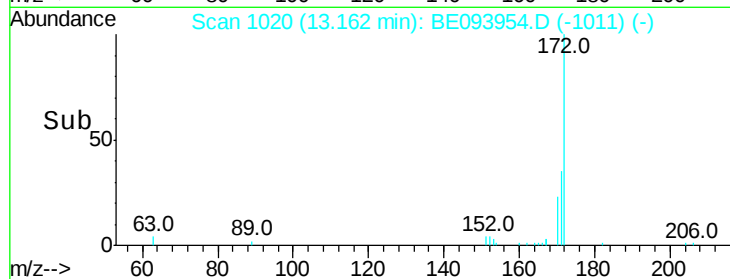
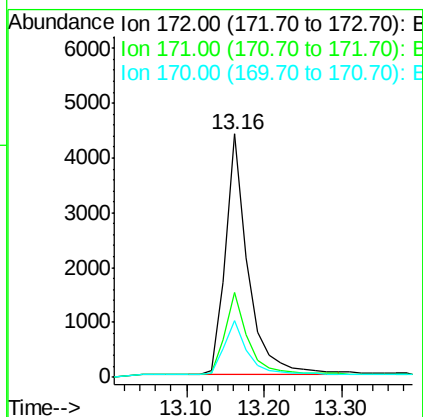
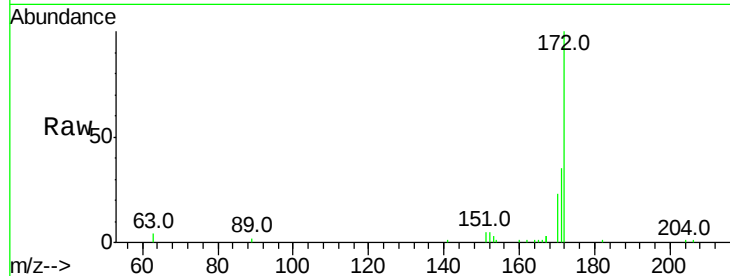




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

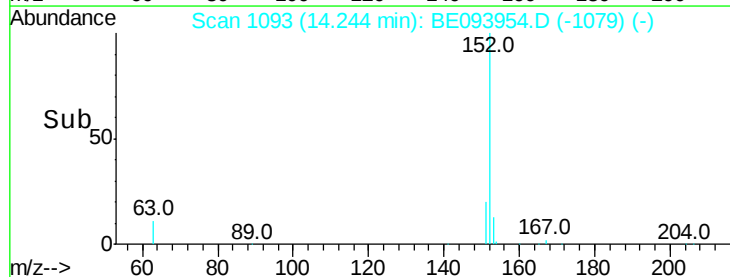
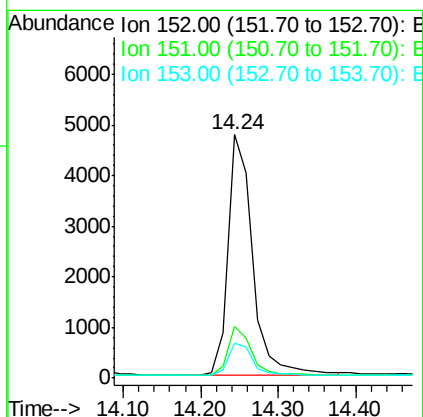
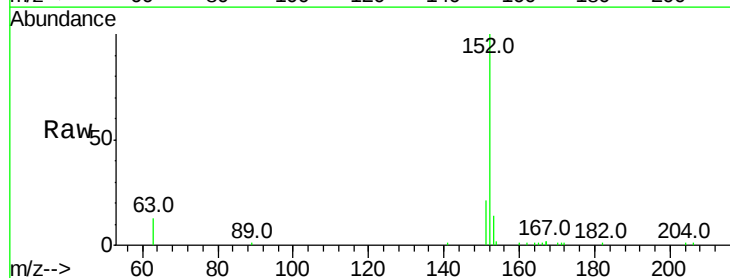
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 8950
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.5 17.3 25.9



#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:152 Resp: 10440
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.5 10.6 16.0





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

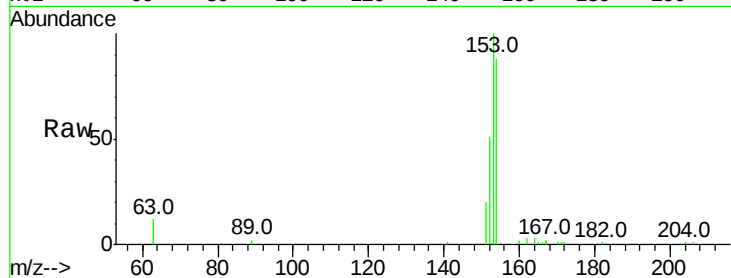
Tot Ion:154 Resp: 7497

Ion Ratio Lower Upper

154 100

153 112.2 91.8 137.6

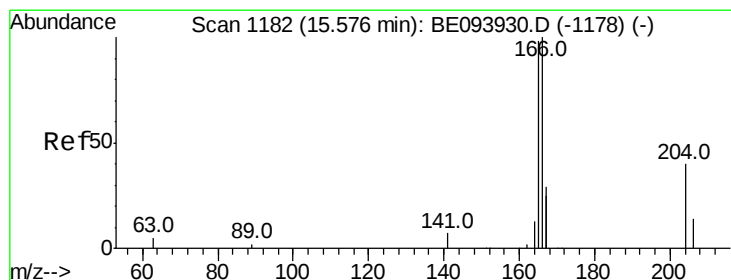
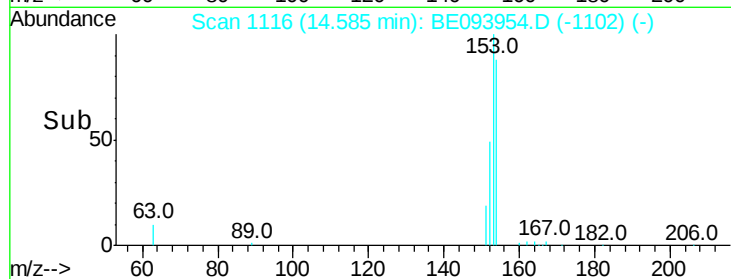
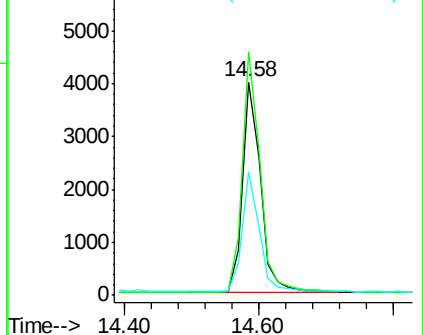
152 53.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.408 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

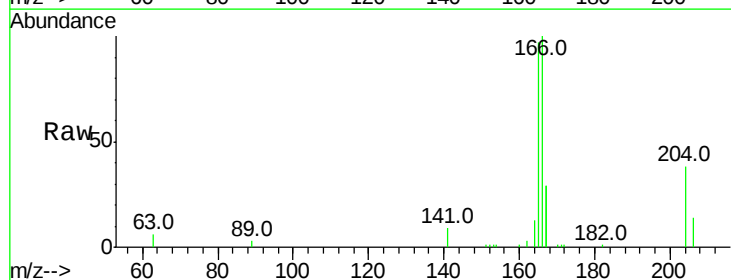
Tgt Ion:166 Resp: 9733

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.0

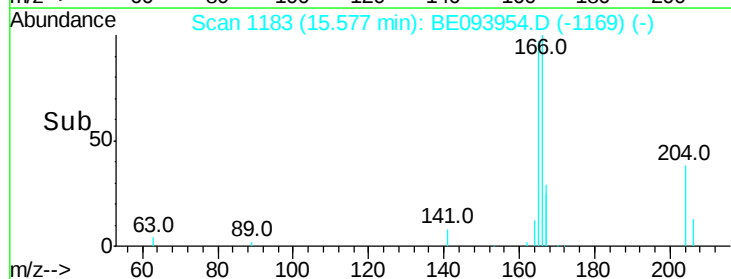
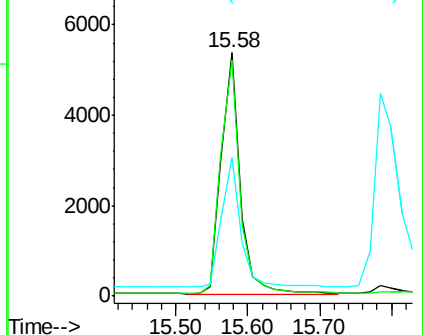
167 53.3 43.5 65.3

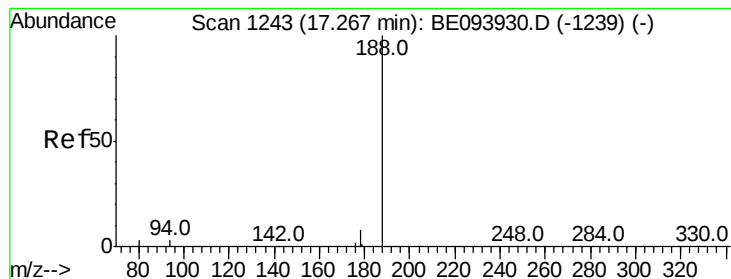


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

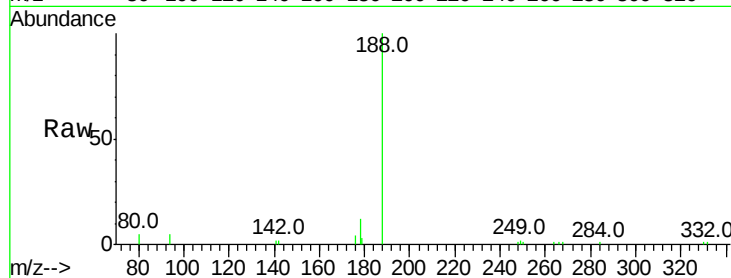
Tot Ion:188 Resp: 10518

Ion Ratio Lower Upper

188 100

94 5.3 16.1 24.1#

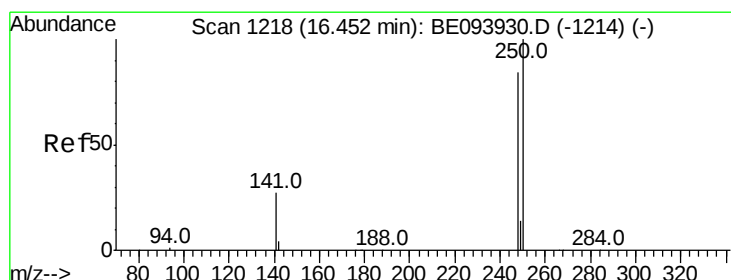
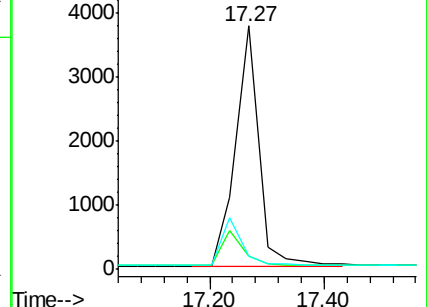
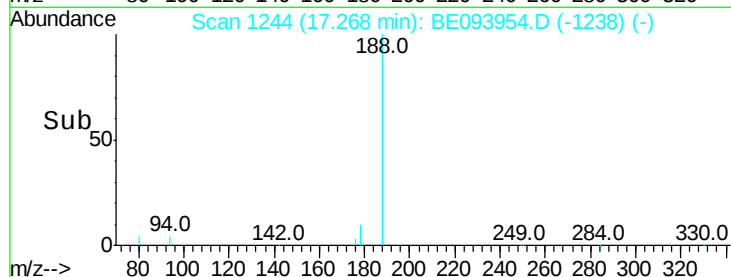
80 5.4 18.2 27.2#



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: 0.462 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

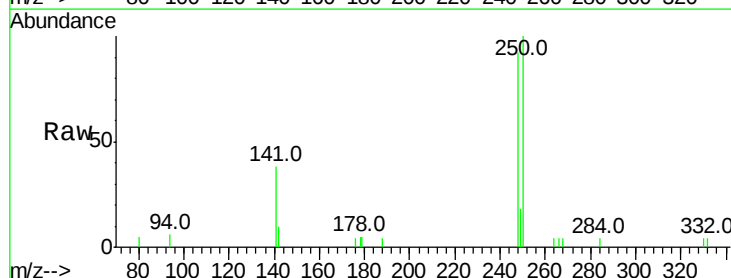
Tgt Ion:248 Resp: 2736

Ion Ratio Lower Upper

248 100

250 108.2 111.8 167.8#

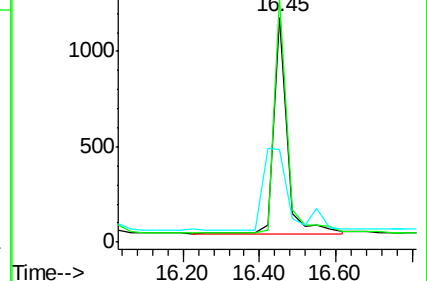
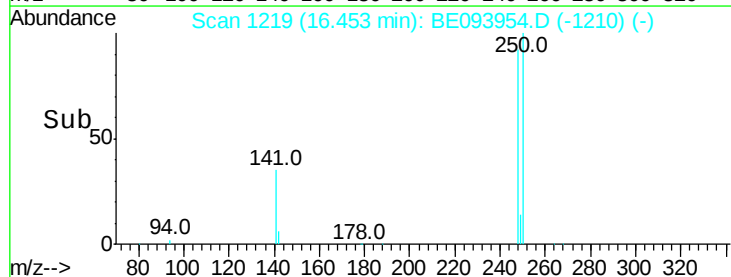
141 41.4 27.1 40.7#



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

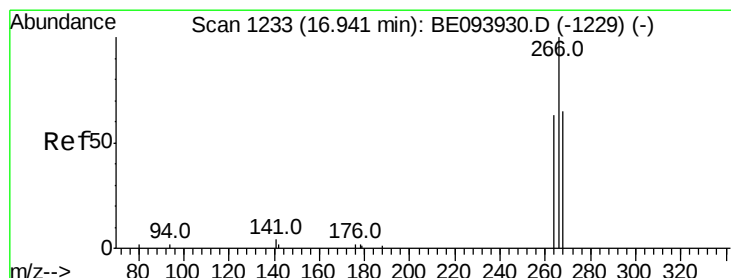
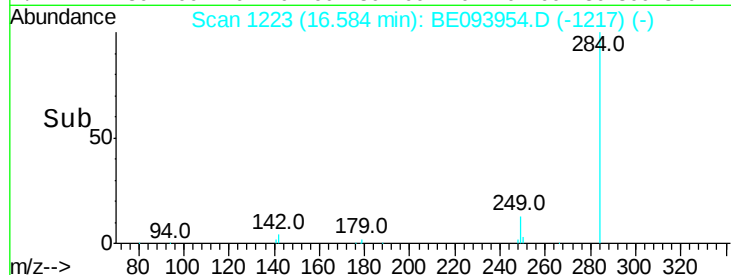
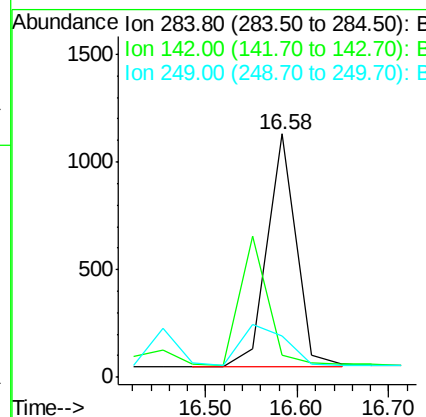
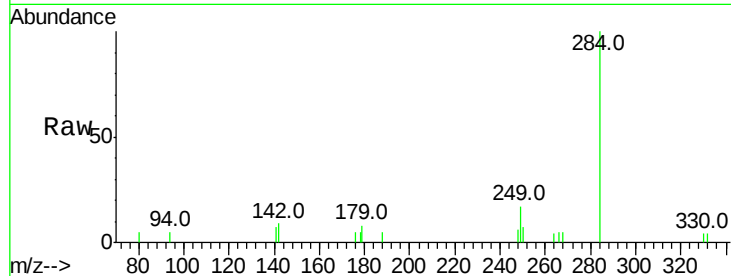




#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

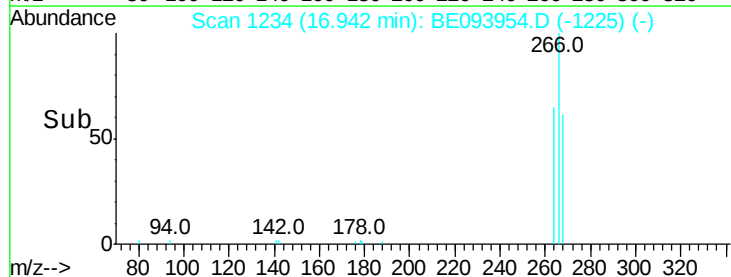
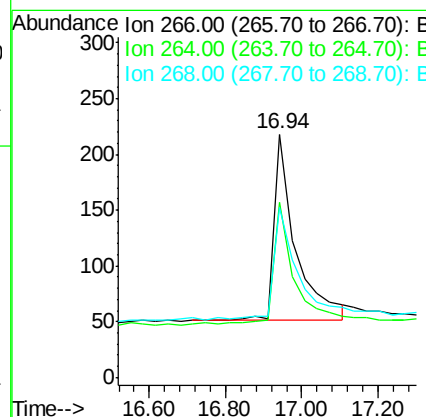
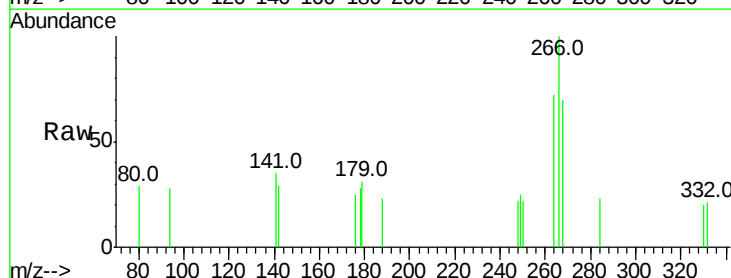
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

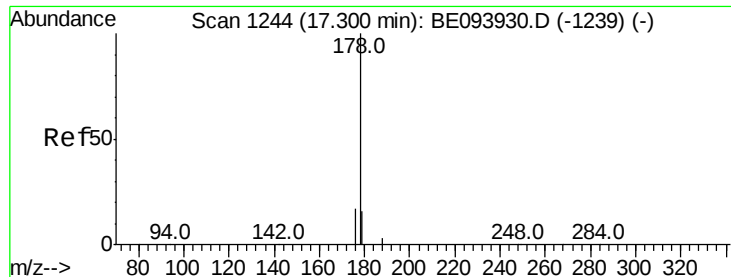
Tot Ion:284 Resp: 2413
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:266 Resp: 671
Ion Ratio Lower Upper
266 100
264 72.0 53.5 80.3
268 70.2 60.0 90.0





#23

Phenanthrene

Concen: 0.530 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

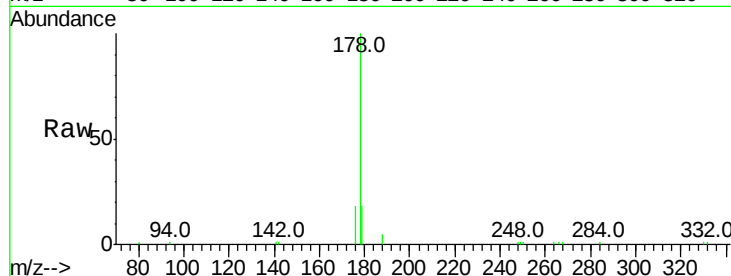
Tot Ion:178 Resp: 17249

Ion Ratio Lower Upper

178 100

176 18.7 0.0 0.0#

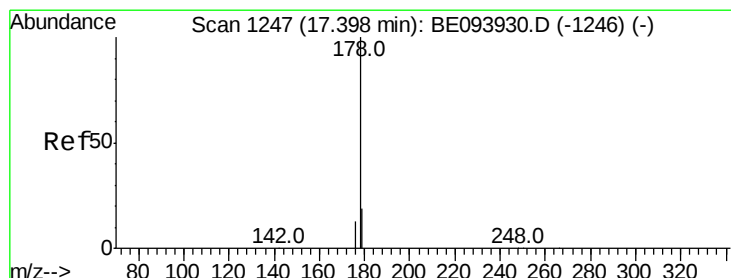
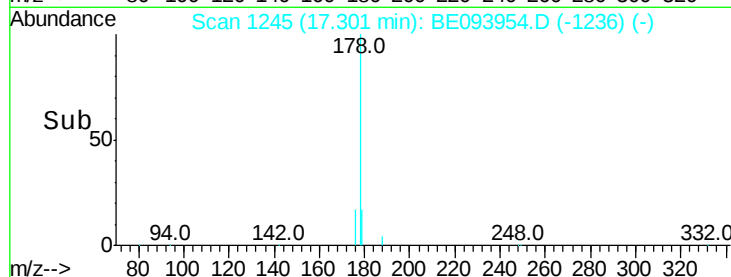
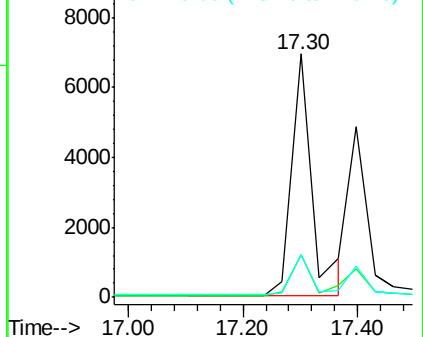
179 16.0 12.6 18.8



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: 0.346 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

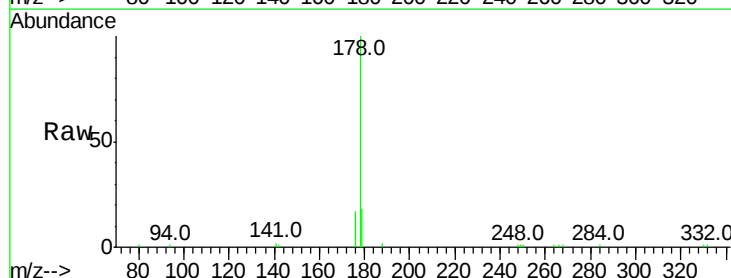
Tgt Ion:178 Resp: 11086

Ion Ratio Lower Upper

178 100

176 16.1 16.0 24.0

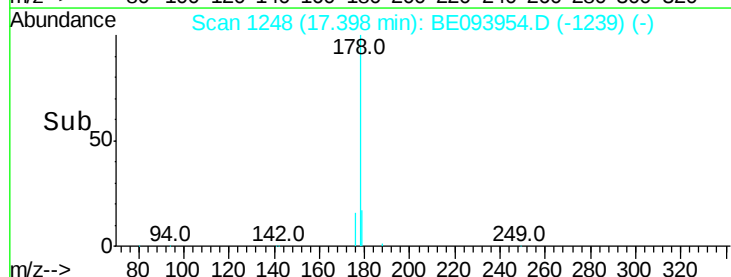
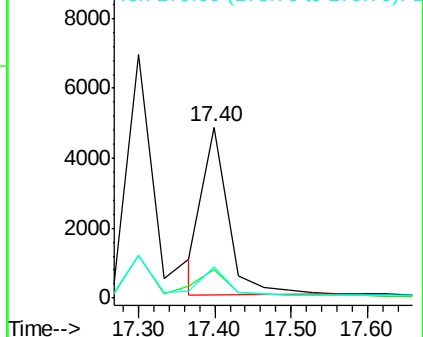
179 16.9 0.0 0.0#

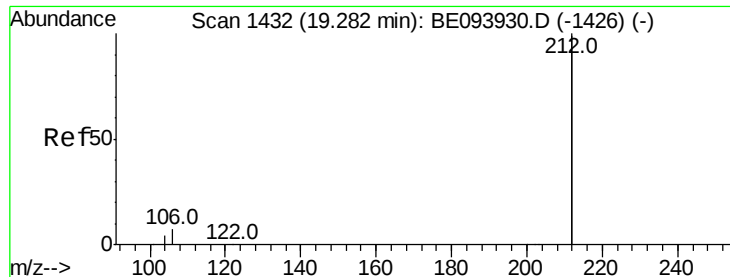


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

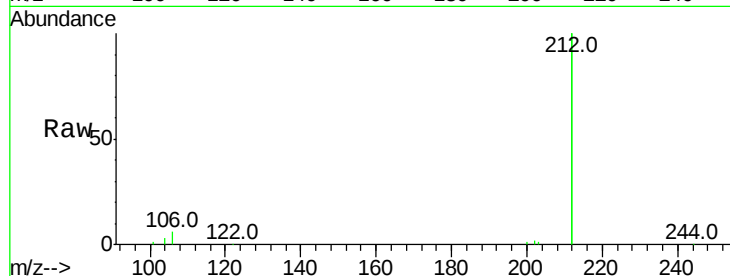
Tot Ion:212 Resp: 61150

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

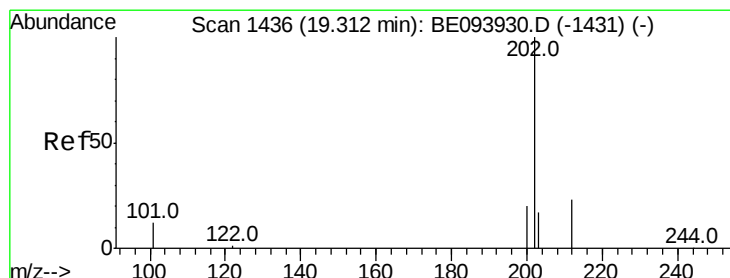
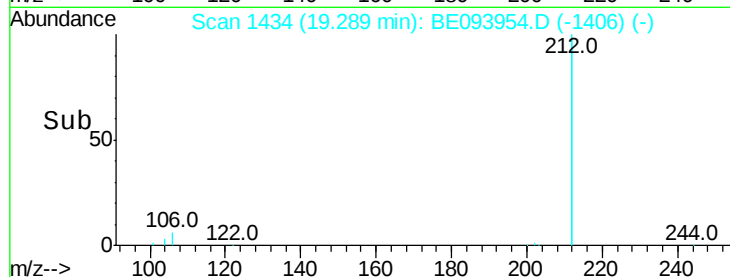
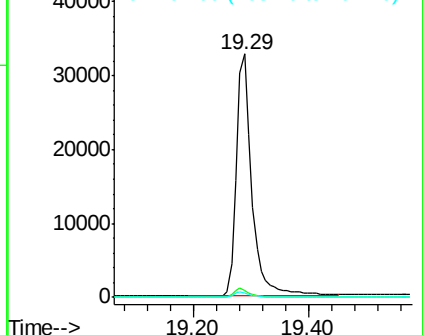
104 1.9 1.6 2.4



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: 0.387 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

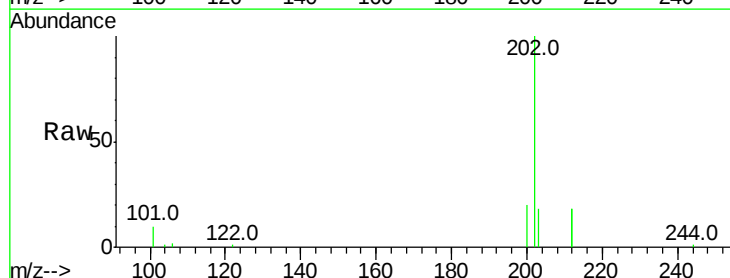
Tgt Ion:202 Resp: 18128

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

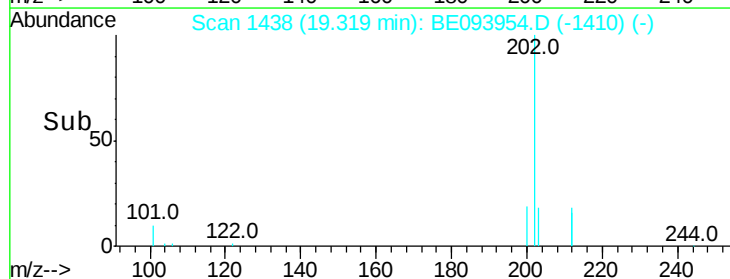
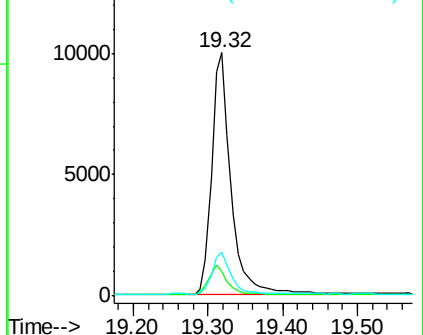
203 17.1 13.7 20.5



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: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

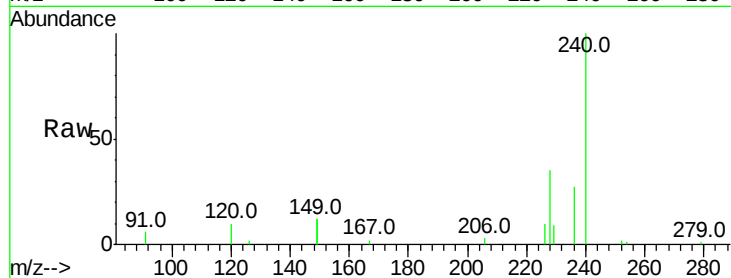
Tot Ion:240 Resp: 13517

Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

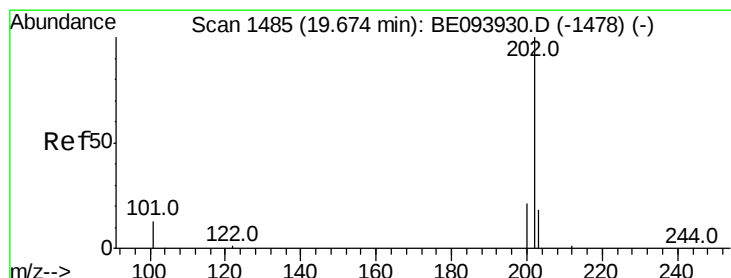
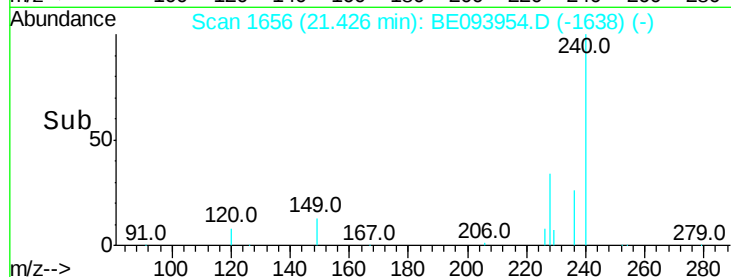
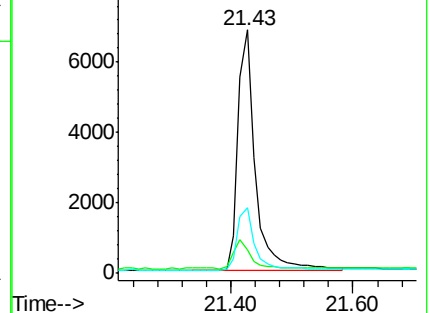
236 26.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.409 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

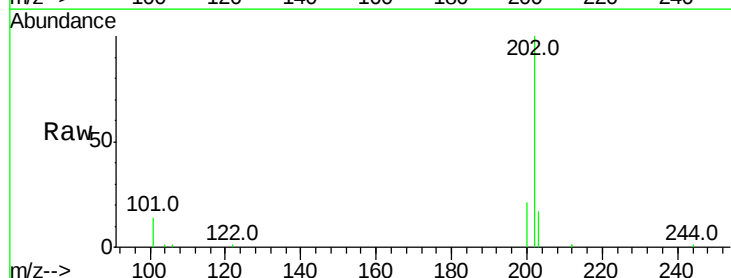
Tgt Ion:202 Resp: 19012

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

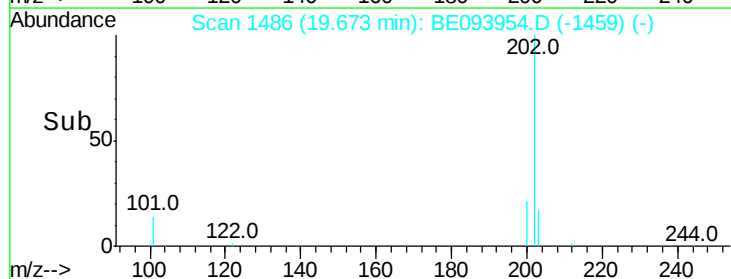
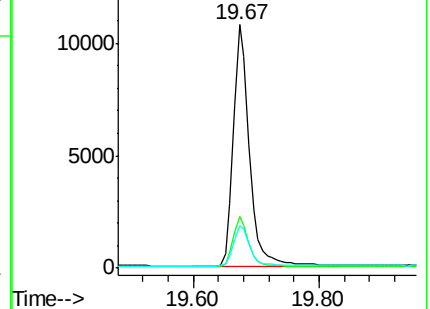
203 17.6 14.2 21.4

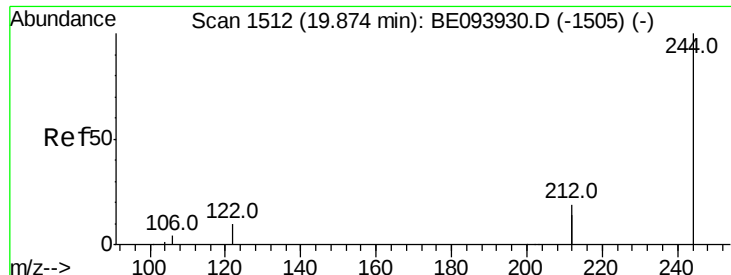


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

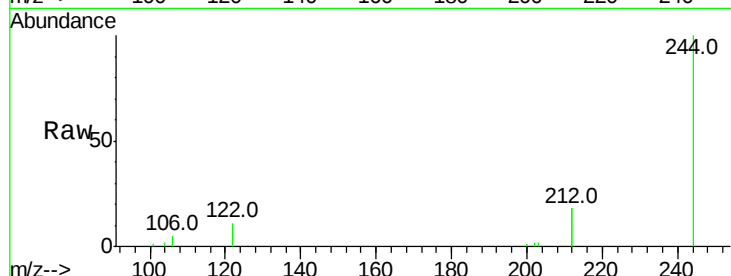
Tot Ion:244 Resp: 10056

Ion Ratio Lower Upper

244 100

212 35.7 28.3 42.5

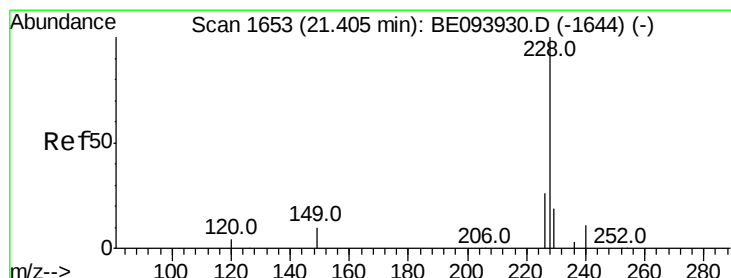
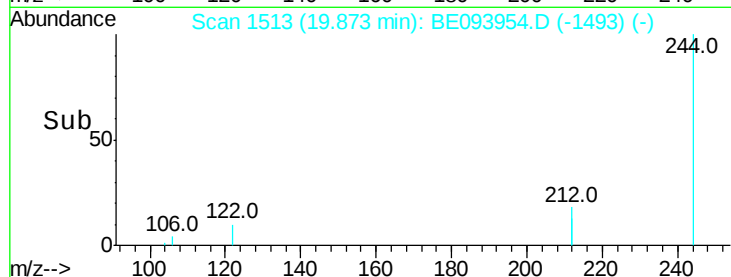
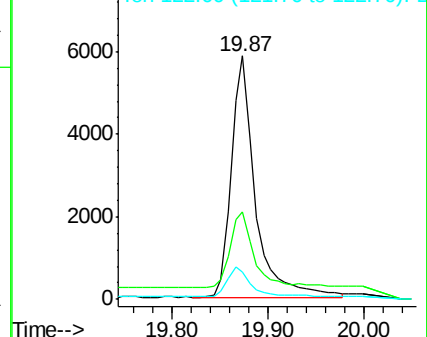
122 11.4 9.4 14.0



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: 0.381 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

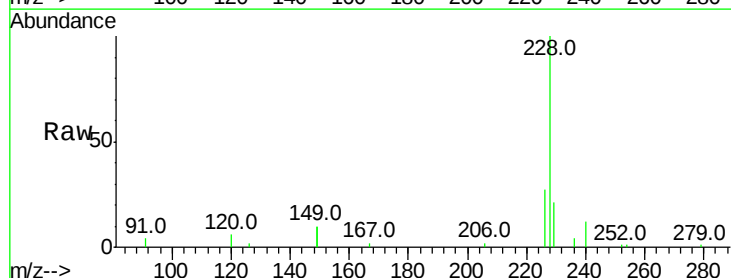
Tgt Ion:228 Resp: 15836

Ion Ratio Lower Upper

228 100

226 27.5 20.8 31.2

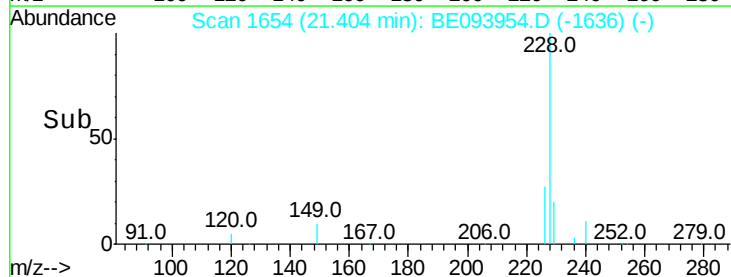
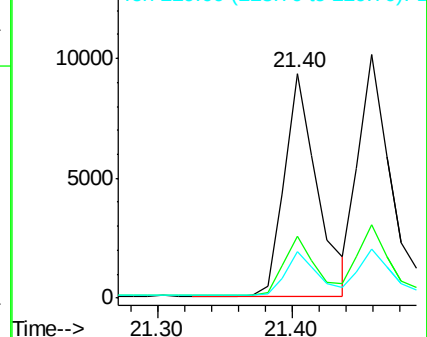
229 20.6 16.6 25.0

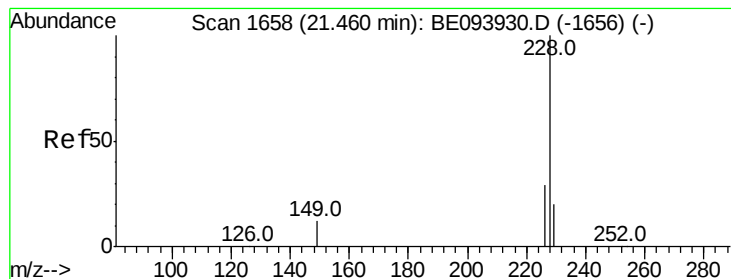


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

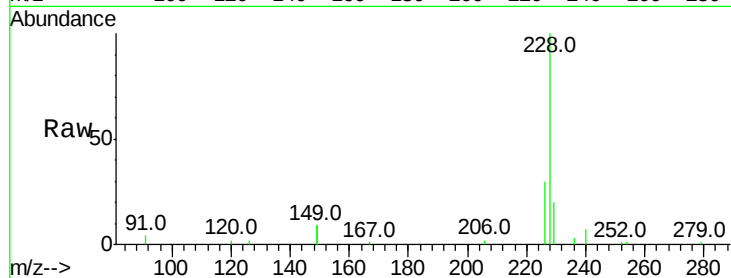
Tot Ion:228 Resp: 17692

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

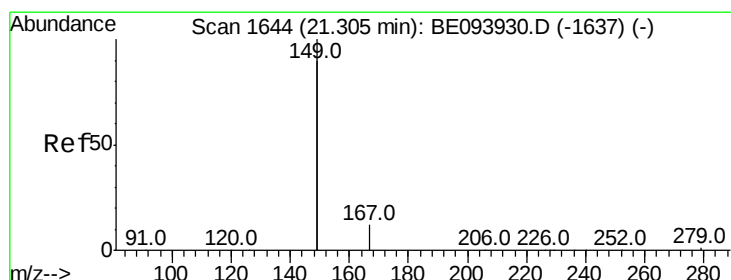
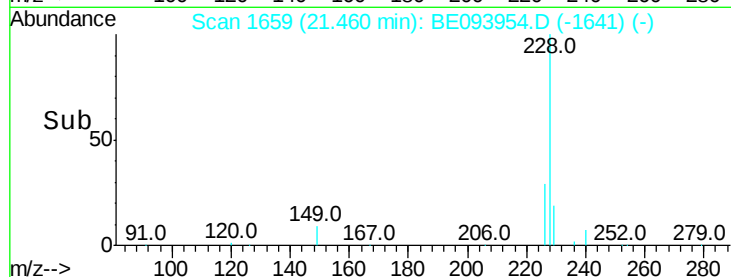
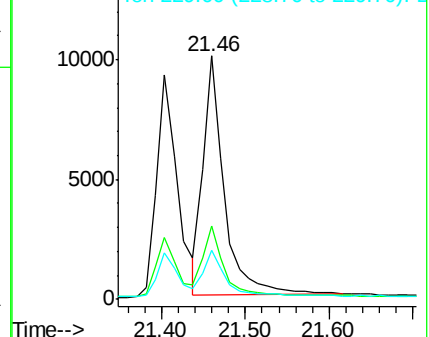
229 20.4 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.377 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

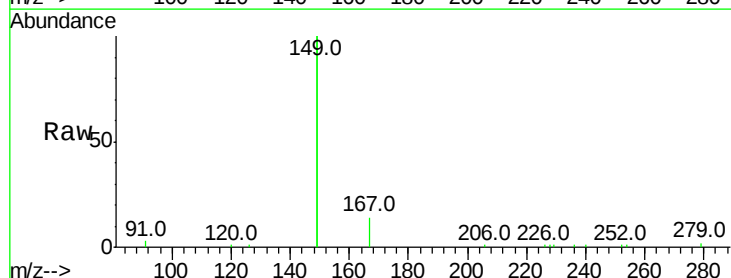
Tgt Ion:149 Resp: 37996

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

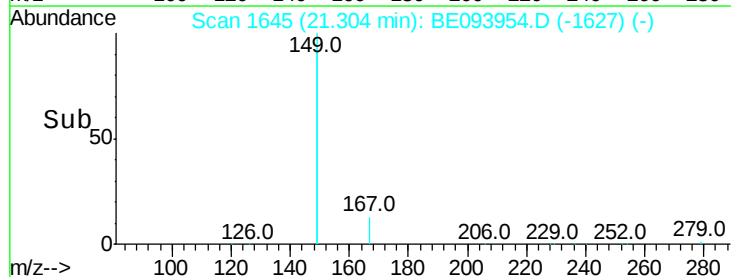
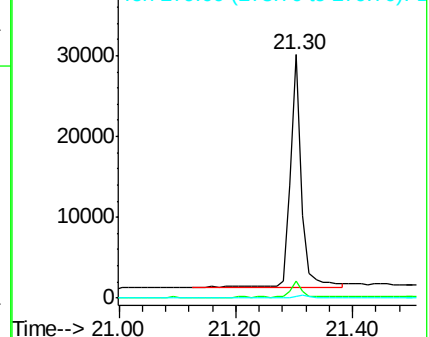
279 0.8 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

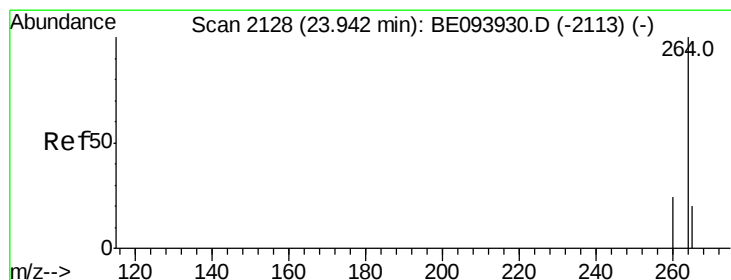
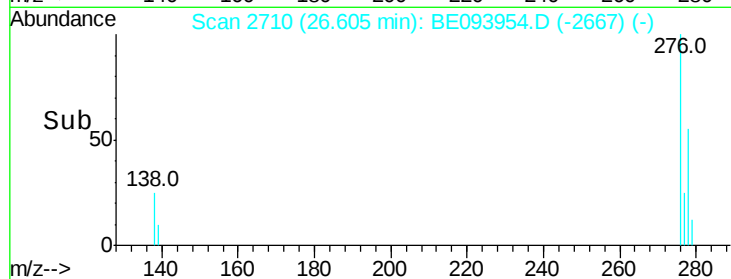
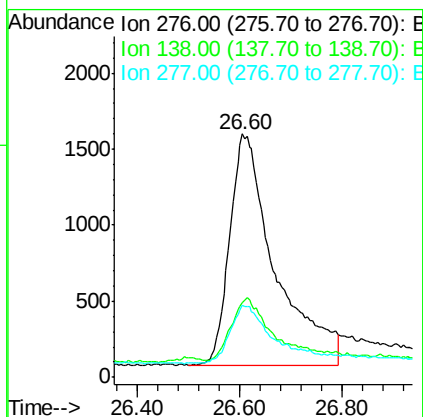
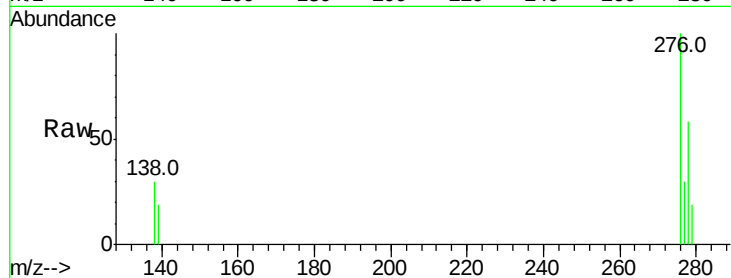




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.320 ng
 RT: 26.60 min Scan# 2710
 Delta R.T. -0.00 min
 Lab File: BE093954.D
 Acq: 11 Sep 2017 9:43

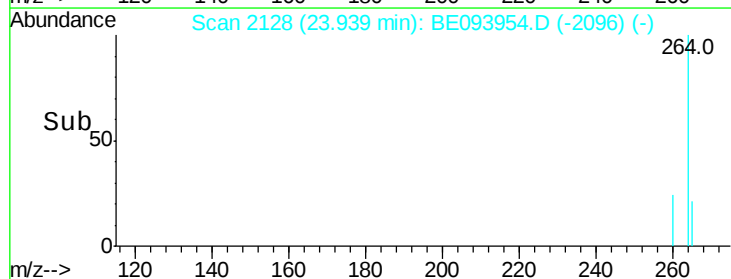
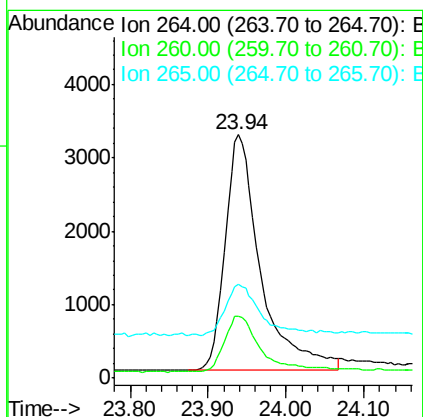
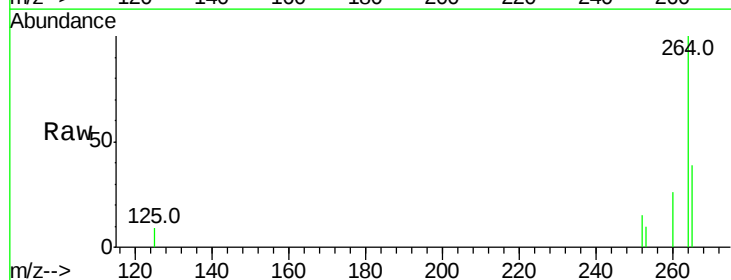
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 9361
 Ion Ratio Lower Upper
 276 100
 138 24.6 22.2 33.2
 277 21.3 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093954.D
 Acq: 11 Sep 2017 9:43

Tgt Ion:264 Resp: 10171
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.0 30.0
 265 38.6 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

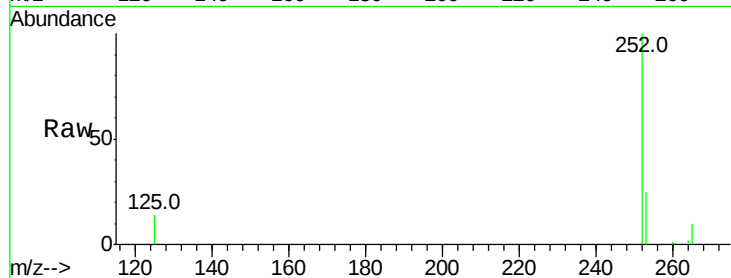
Tot Ion:252 Resp: 12297

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.0

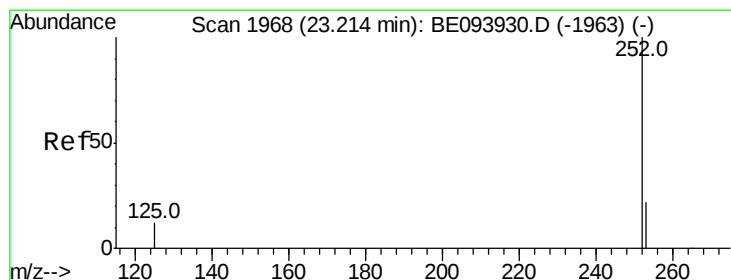
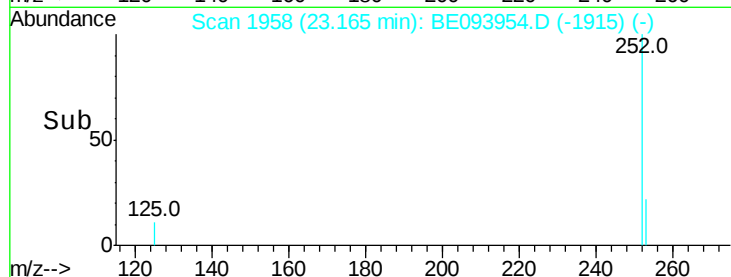
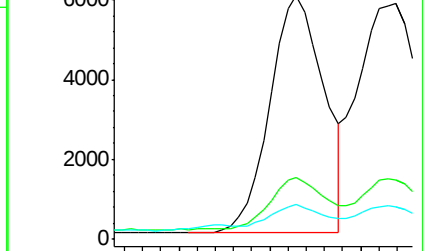
125 14.3 10.0 15.0



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: 0.418 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BE093954.D

Acq: 11 Sep 2017 9:43

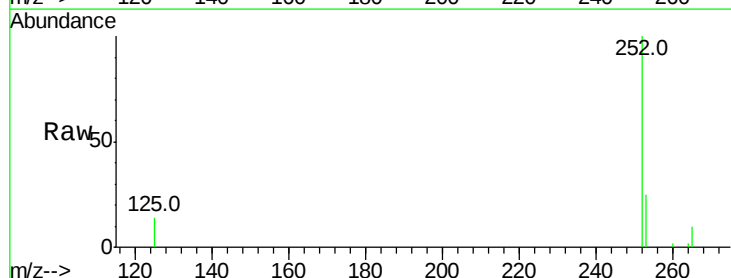
Tgt Ion:252 Resp: 16588

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

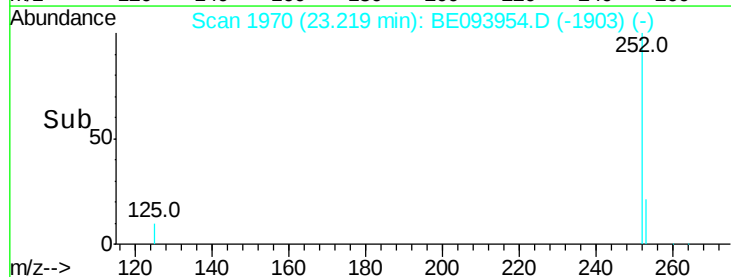
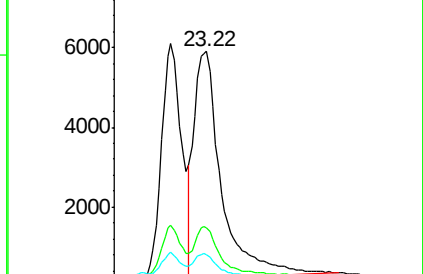
125 13.8 9.8 14.6



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

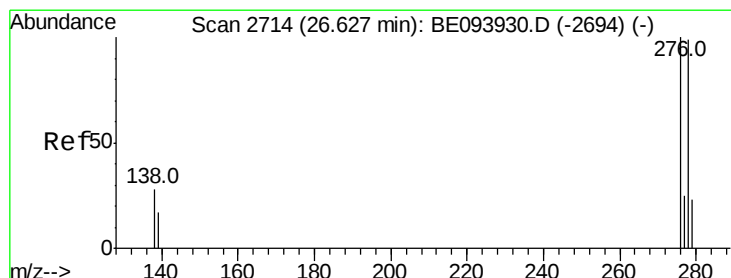
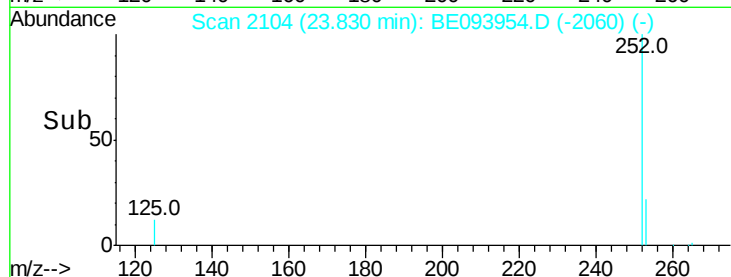
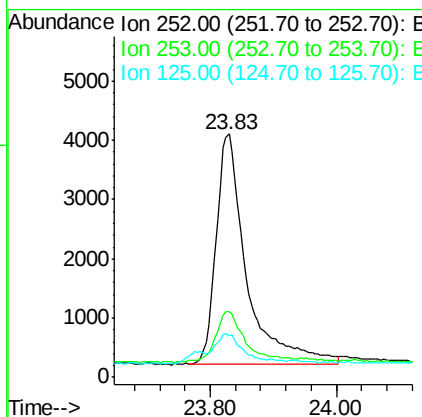
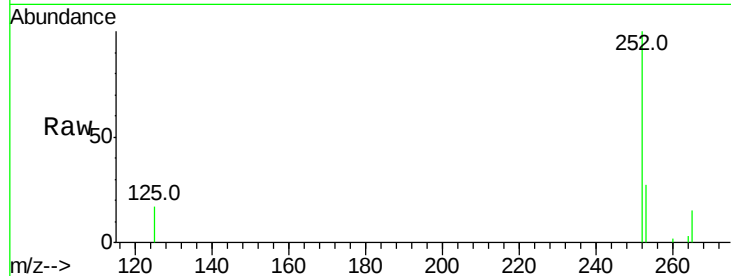




#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

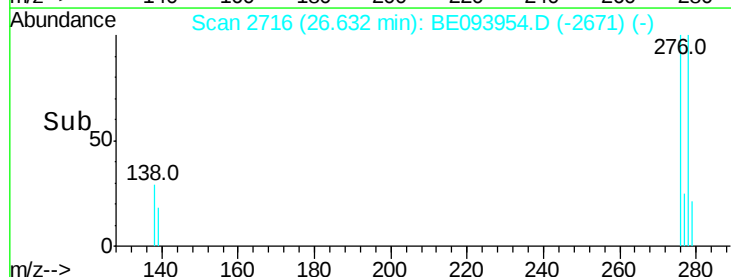
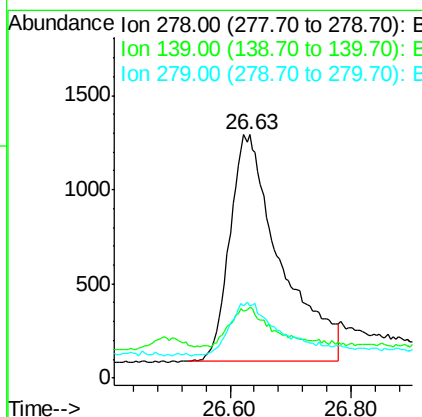
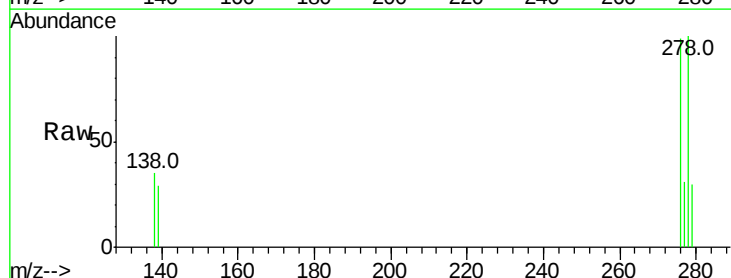
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 12978
Ion Ratio Lower Upper
252 100
253 26.9 19.6 29.4
125 17.0 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:278 Resp: 6968
Ion Ratio Lower Upper
278 100
139 29.0 16.7 25.1#
279 29.7 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.356 ng

RT: 27.43 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BE093954.D

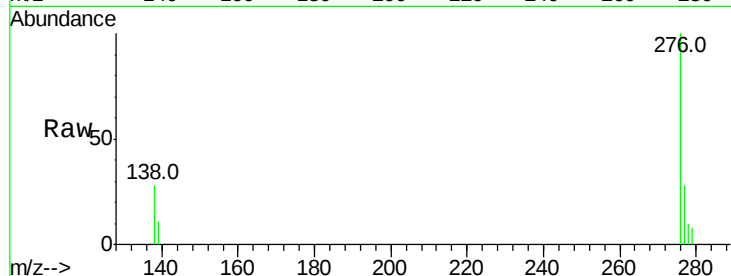
Acq: 11 Sep 2017 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



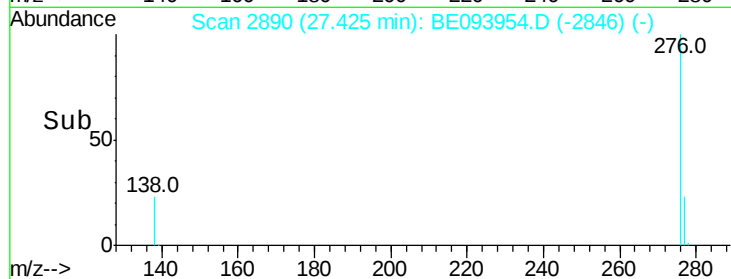
Tot Ion: 276 Resp: 8216

Ion Ratio Lower Upper

276 100

277 28.4 20.6 30.8

138 28.1 21.9 32.9



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

