

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093973.D
 Acq On : 11 Sep 2017 21:28
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 12 07:44:23 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	1999	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10387	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5767	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10276	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13606	0.40	ng	-0.01
34) Perylene-d12	23.94	264	10907	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2554	0.39	ng	0.00
5) Phenol-d6	7.11	99	3772	0.39	ng	0.00
8) Nitrobenzene-d5	9.08	82	3465	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6600	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	724	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9095	0.40	ng	0.00
25) Fluoranthene-d10	19.28	212	61143	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	10049	0.40	ng	0.00

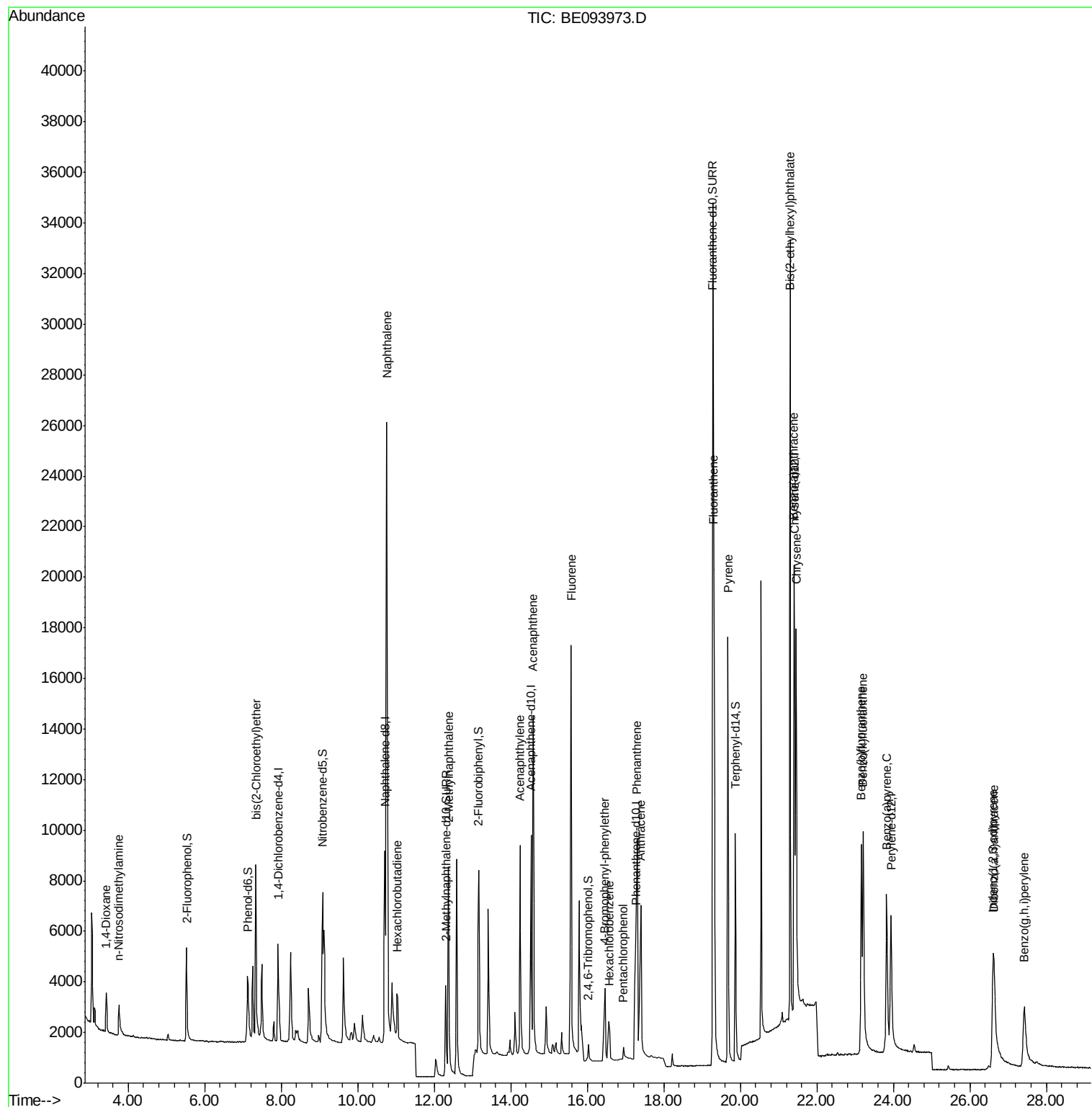
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1190	0.432	ng	96
3) n-Nitrosodimethylamine	3.75	42	1241	0.385	ng	# 96
6) bis(2-Chloroethyl)ether	7.34	93	3153	0.398	ng	87
9) Naphthalene	10.76	128	47518	0.399	ng	100
10) Hexachlorobutadiene	11.04	225	1657	0.383	ng	97
12) 2-Methylnaphthalene	12.37	142	7796	0.394	ng	99
16) Acenaphthylene	14.24	152	11367	0.395	ng	99
17) Acenaphthene	14.58	154	7781	0.400	ng	99
18) Fluorene	15.58	166	9866	0.393	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2617	0.450	ng	85
21) Hexachlorobenzene	16.58	284	2253	0.371	ng	# 100
22) Pentachlorophenol	16.94	266	761	0.467	ng	95
23) Phenanthrene	17.30	178	17057	0.539	ng	# 99
24) Anthracene	17.40	178	10350	0.331	ng	# 56
26) Fluoranthene	19.31	202	18362	0.401	ng	100
28) Pyrene	19.67	202	18886	0.403	ng	100
30) Benzo(a)anthracene	21.40	228	15840	0.379	ng	99
31) Chrysene	21.46	228	18546	0.419	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	36185	0.357	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	10356	0.351	ng	97
35) Benzo(b)fluoranthene	23.16	252	13952	0.402	ng	99
36) Benzo(k)fluoranthene	23.21	252	16950	0.398	ng	97
37) Benzo(a)pyrene	23.82	252	14342	0.406	ng	96
38) Dibenzo(a,h)anthracene	26.63	278	8869	0.378	ng	93
39) Benzo(g,h,i)perylene	27.42	276	9478	0.383	ng	98

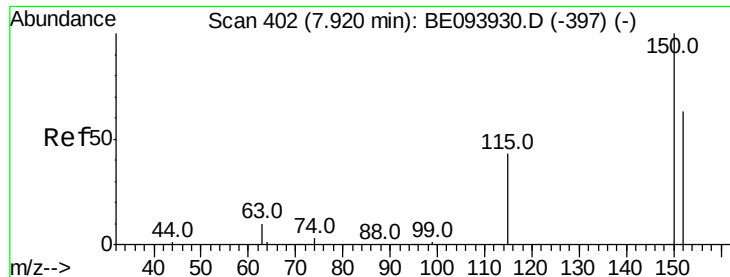
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
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Quant Time: Sep 12 07:44:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

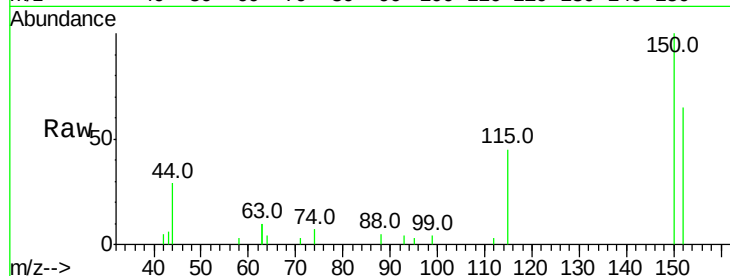
Tot Ion:152 Resp: 1999

Ion Ratio Lower Upper

152 100

150 154.4 121.8 182.6

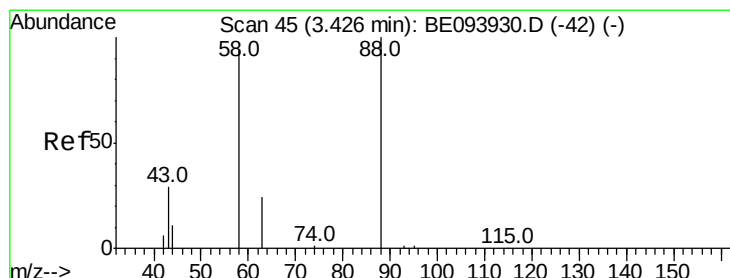
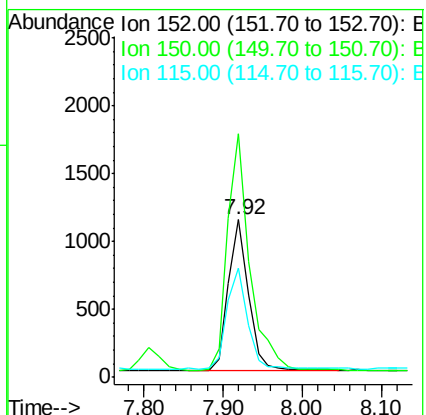
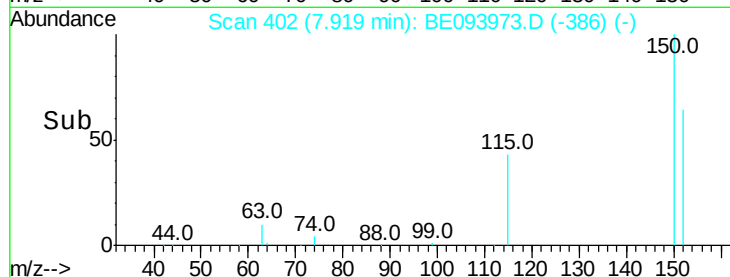
115 69.5 52.6 79.0



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: 0.432 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

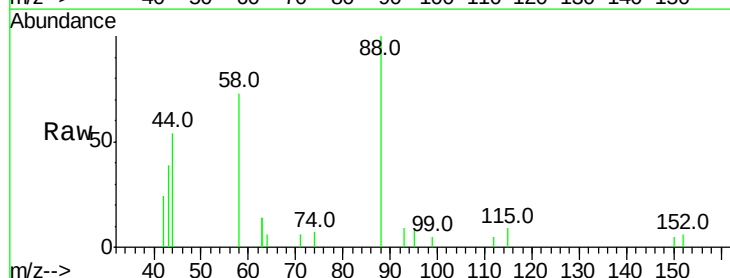
Tgt Ion: 88 Resp: 1190

Ion Ratio Lower Upper

88 100

58 78.7 65.4 98.0

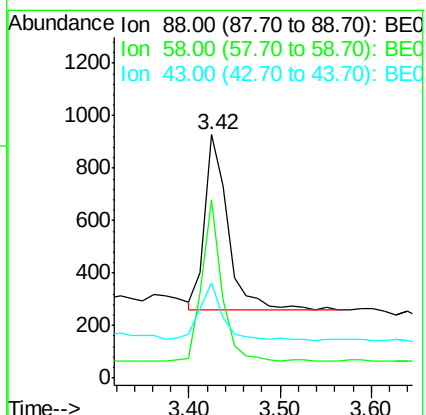
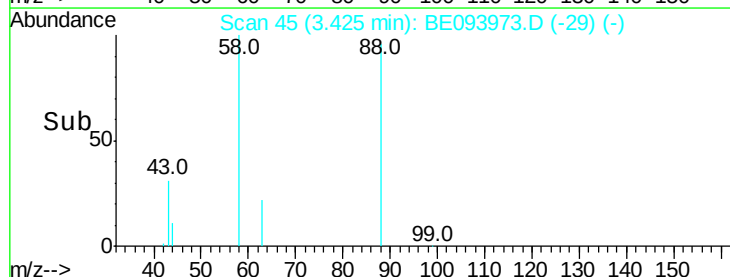
43 32.4 23.9 35.9

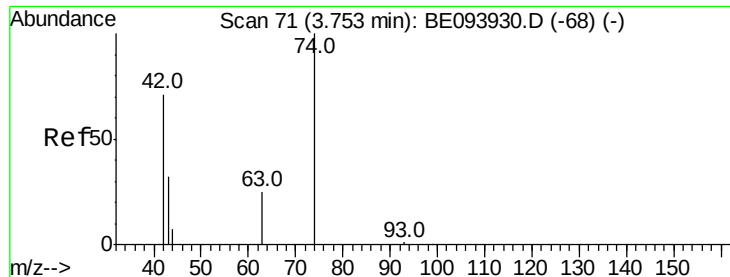


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.385 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

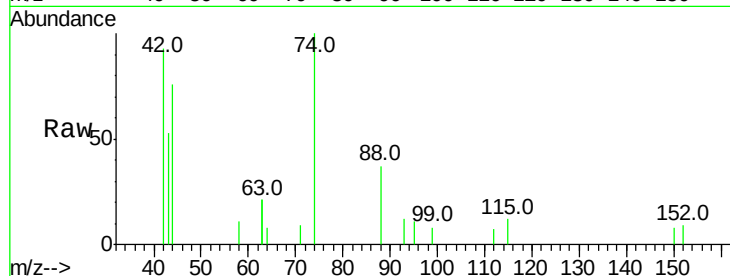
Tot Ion: 42 Resp: 1241

Ion Ratio Lower Upper

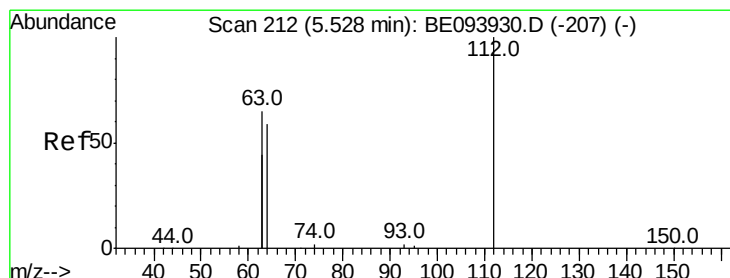
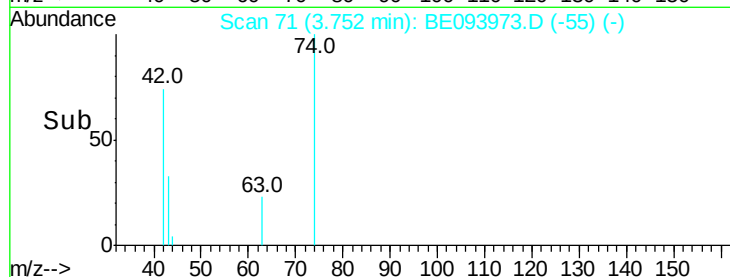
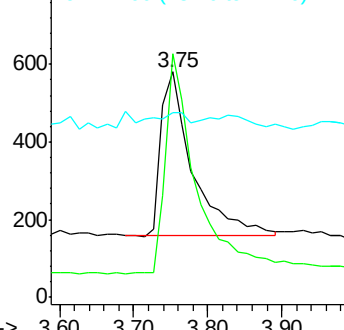
42 100

74 133.0 104.0 156.0

44 9.3 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: BE093973.D

Acq: 11 Sep 2017 21:28

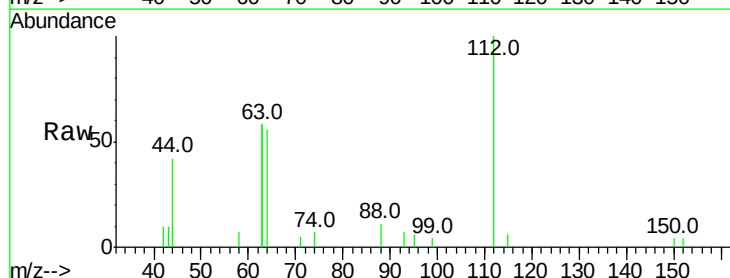
Tgt Ion: 112 Resp: 2554

Ion Ratio Lower Upper

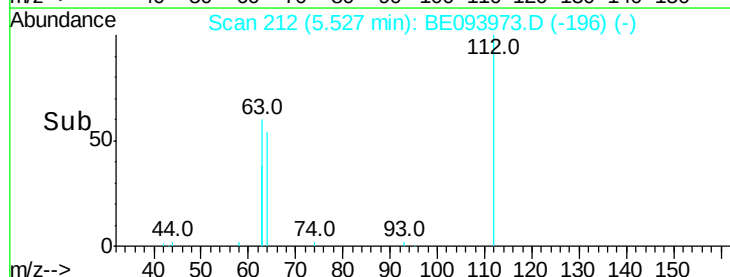
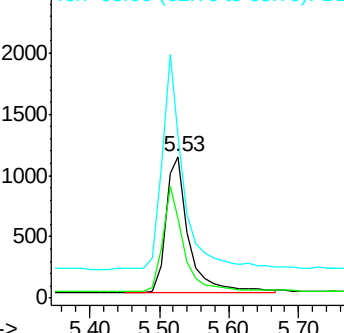
112 100

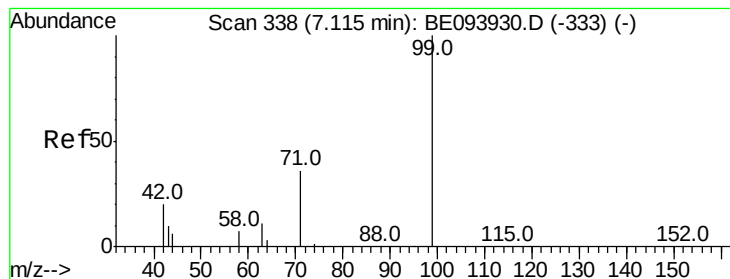
64 72.4 57.7 86.5

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: 0.389 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

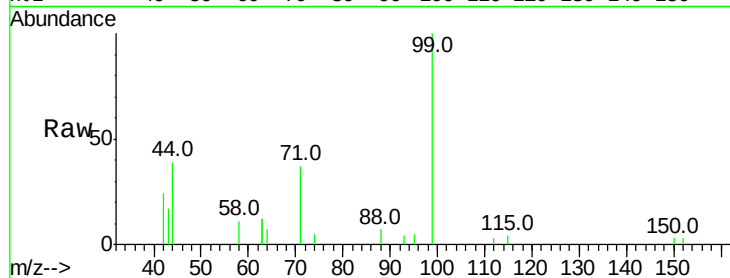
Tot Ion: 99 Resp: 3772

Ion Ratio Lower Upper

99 100

42 21.7 17.1 25.7

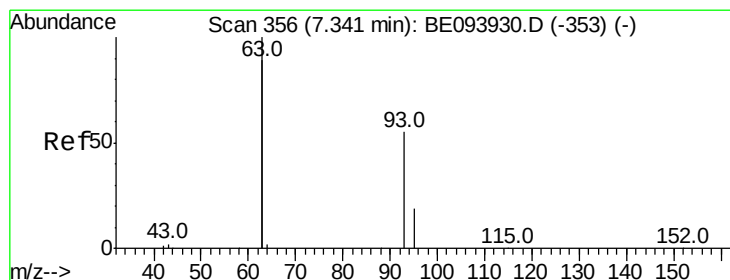
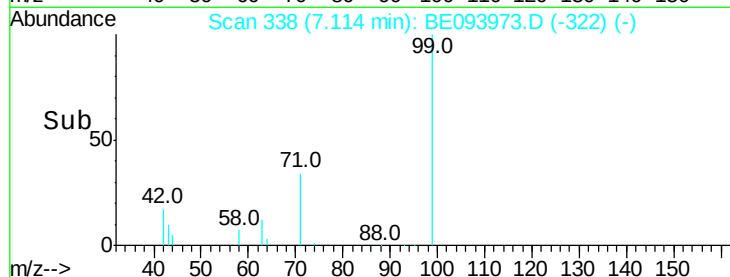
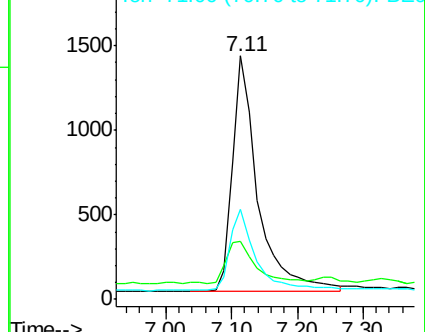
71 34.9 26.6 39.8



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: 0.398 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

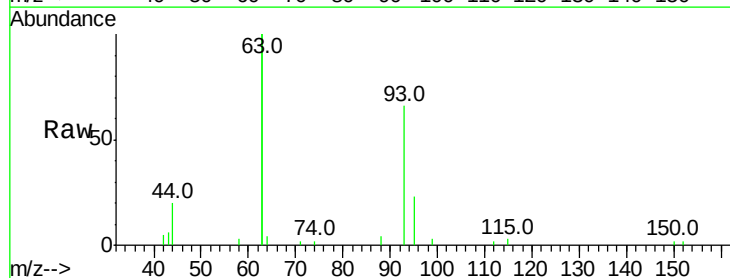
Tgt Ion: 93 Resp: 3153

Ion Ratio Lower Upper

93 100

63 323.4 283.4 425.2

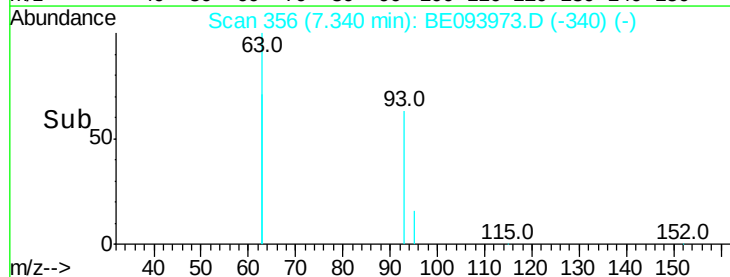
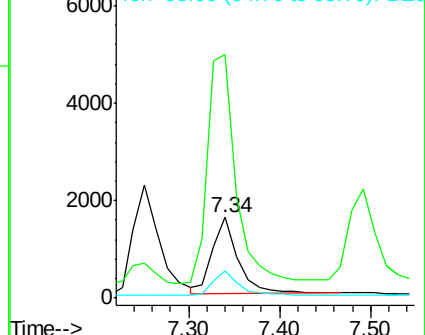
95 31.8 26.9 40.3

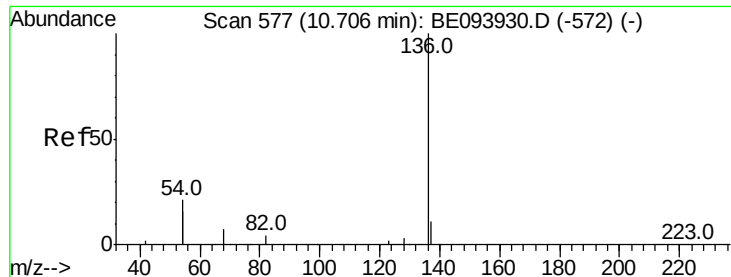


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 10387

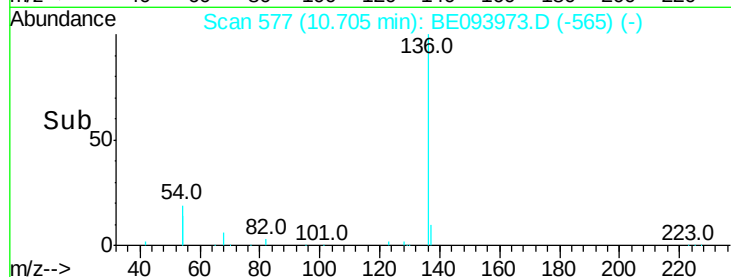
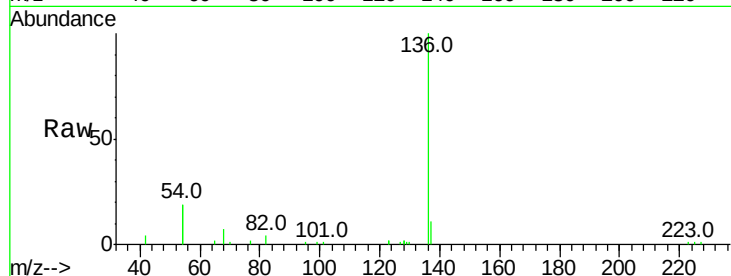
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 37.2 21.9 32.9#

68 7.1 4.6 7.0#

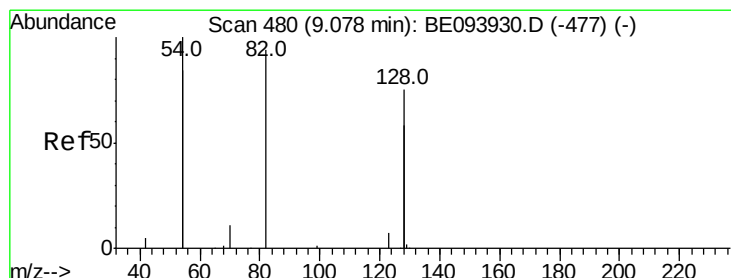
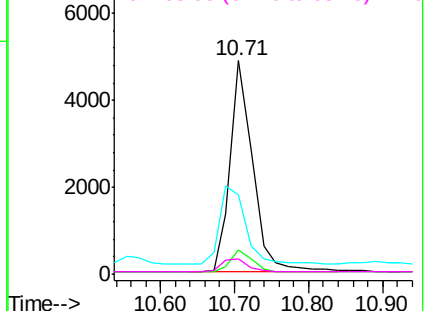


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

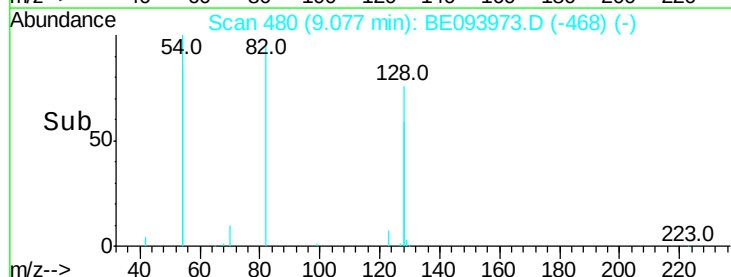
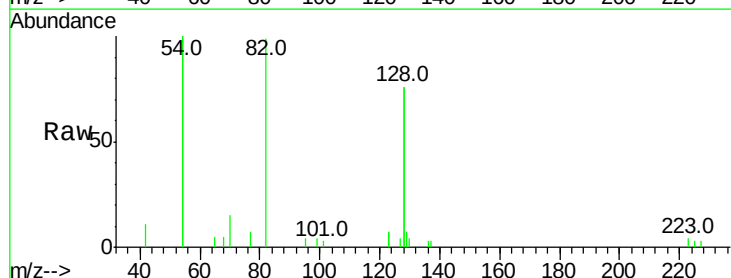
Tgt Ion: 82 Resp: 3465

Ion Ratio Lower Upper

82 100

128 154.0 91.4 137.0#

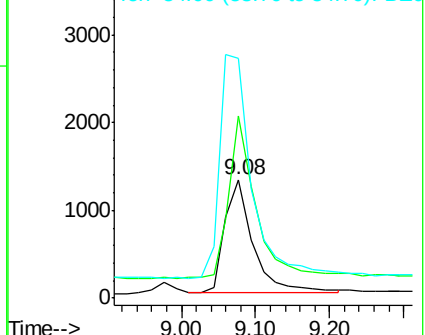
54 202.7 197.8 296.8

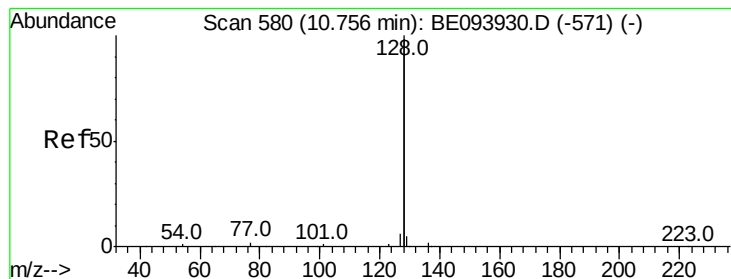


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

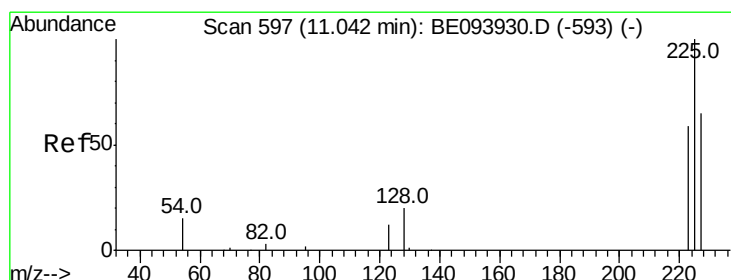
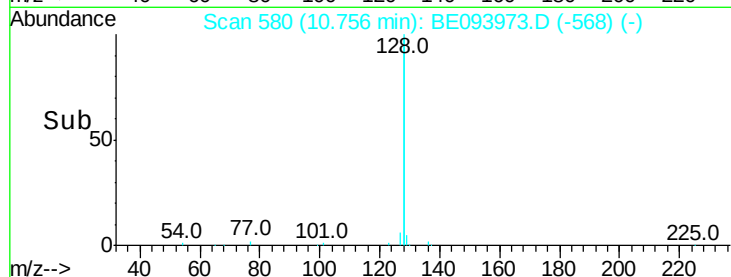
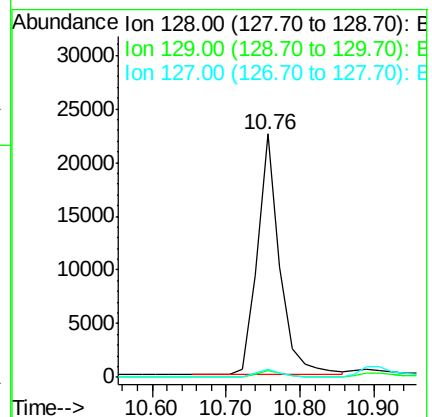
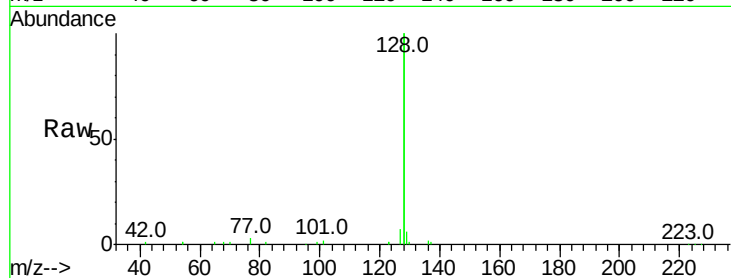
Tot Ion:128 Resp: 47518

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

127 3.3 2.6 4.0



#10

Hexachlorobutadiene

Concen: 0.383 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

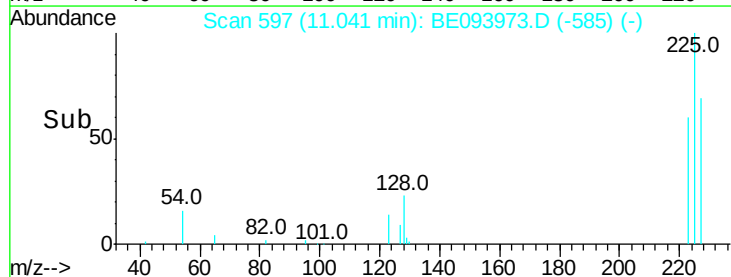
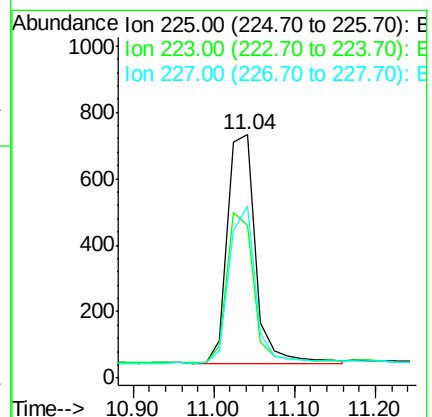
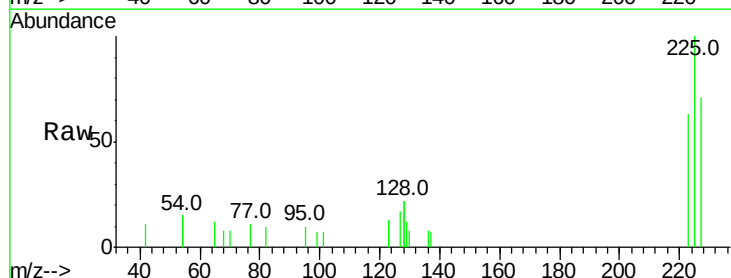
Tgt Ion:225 Resp: 1657

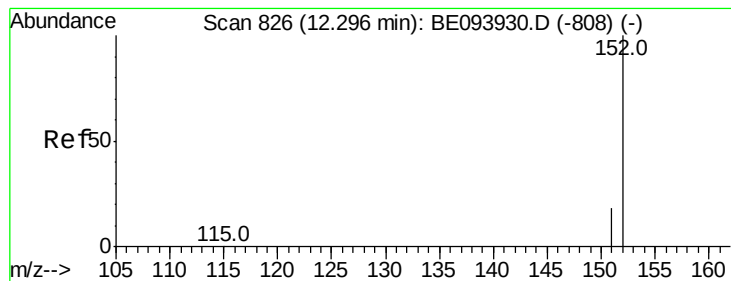
Ion Ratio Lower Upper

225 100

223 63.2 49.4 74.0

227 66.4 50.5 75.7





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

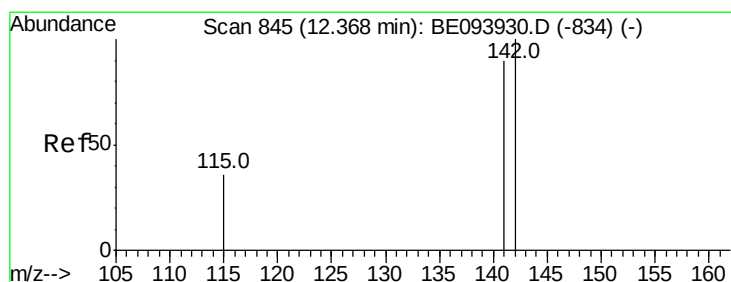
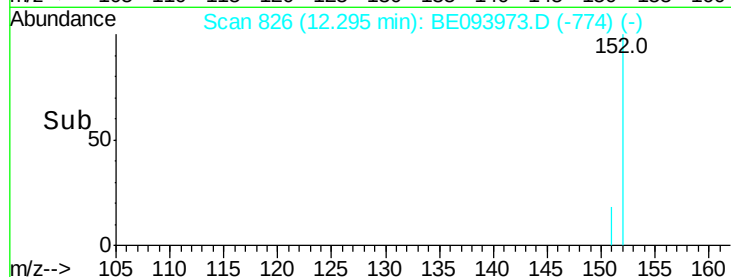
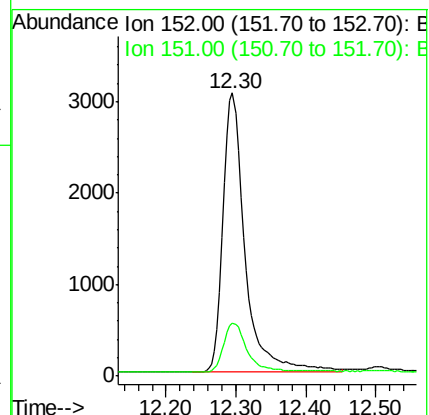
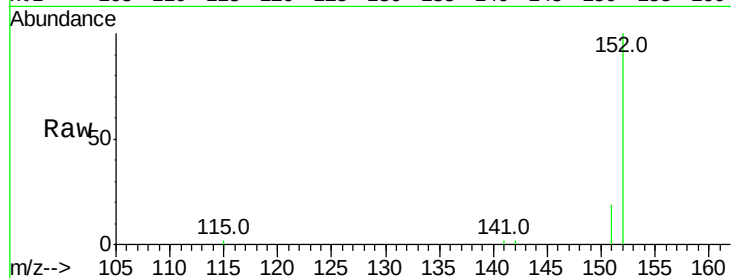
SSTDCCC0.4

Tot Ion:152 Resp: 6600

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

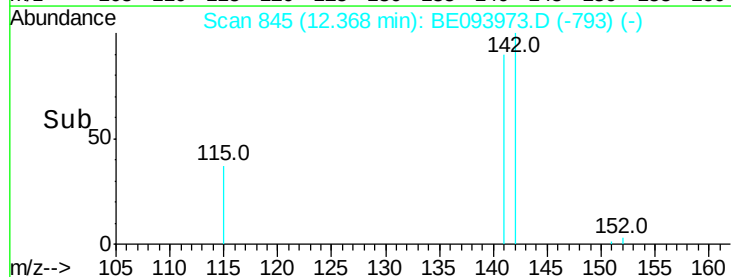
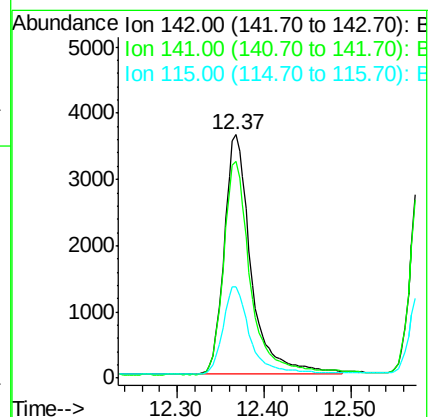
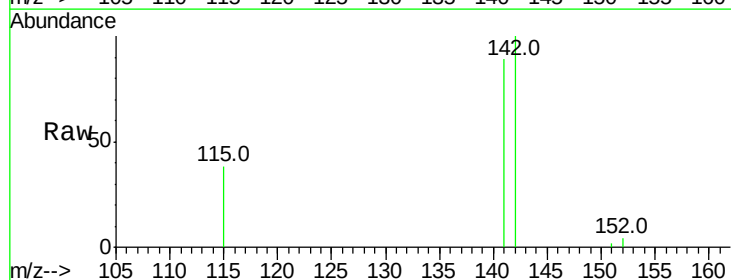
Tgt Ion:142 Resp: 7796

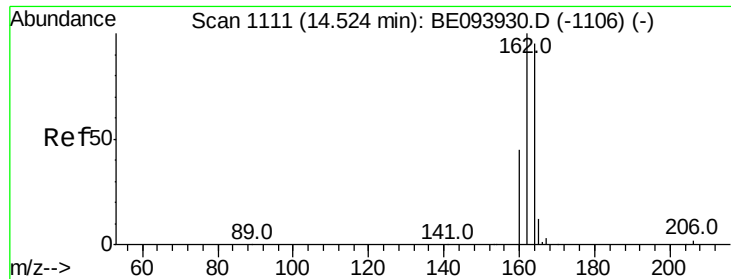
Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

115 37.7 29.4 44.0

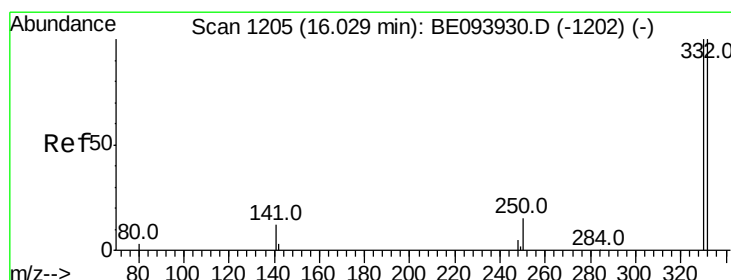
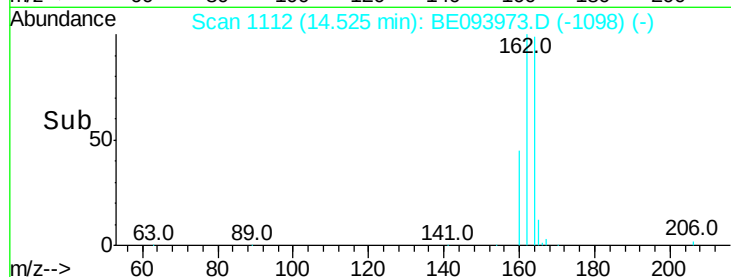
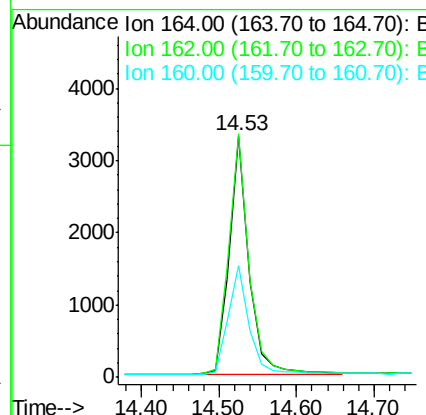
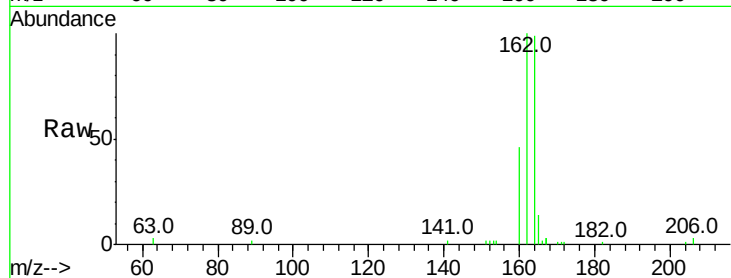




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093973.D
 Acq: 11 Sep 2017 21:28

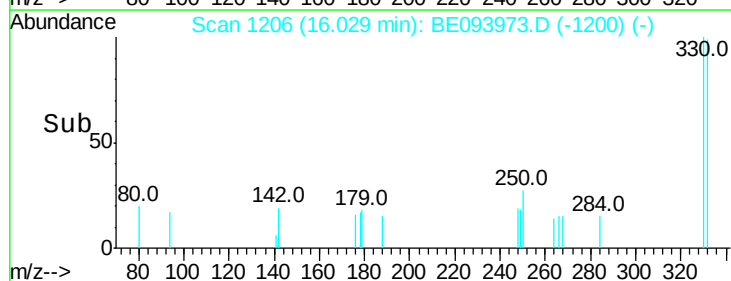
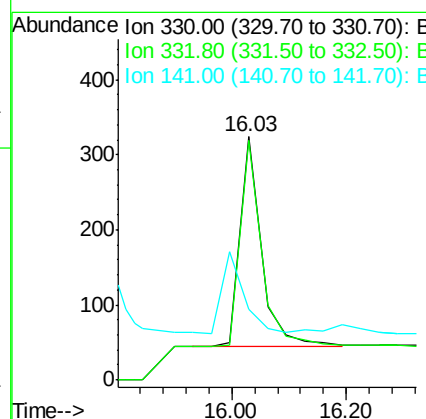
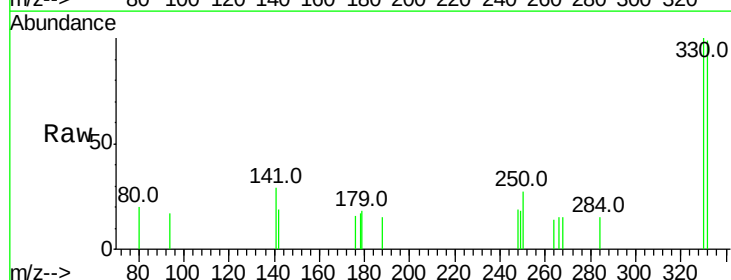
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

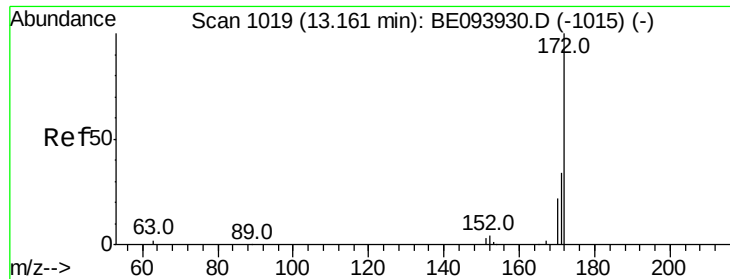
Tot Ion:164 Resp: 5767
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.8 121.2
 160 46.2 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093973.D
 Acq: 11 Sep 2017 21:28

Tgt Ion:330 Resp: 724
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.9 115.3
 141 0.0 0.0 0.0

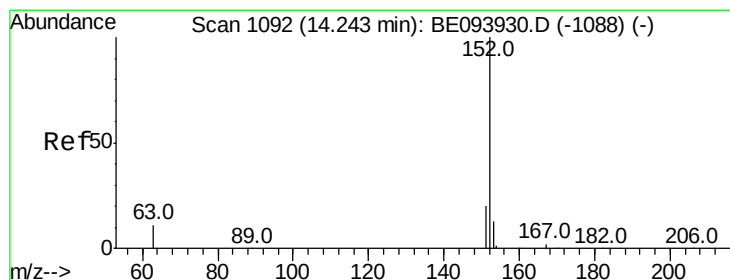
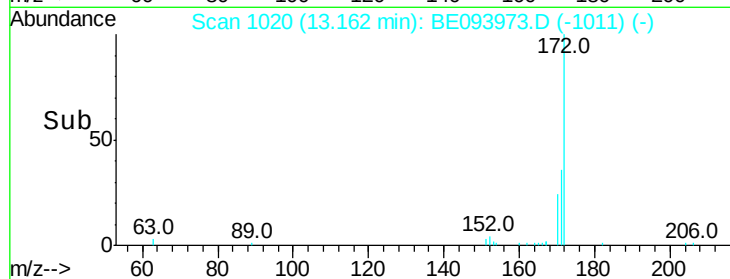
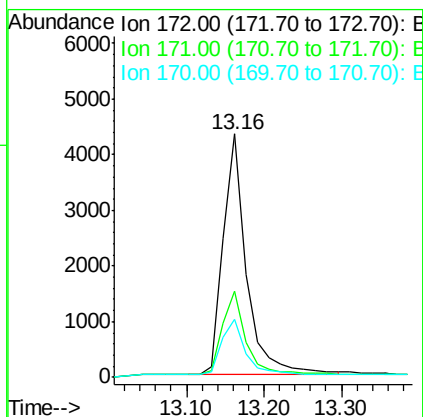
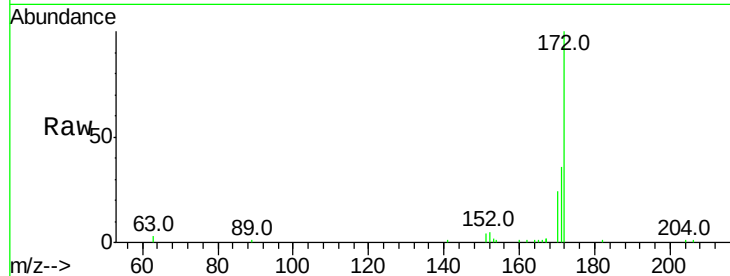




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

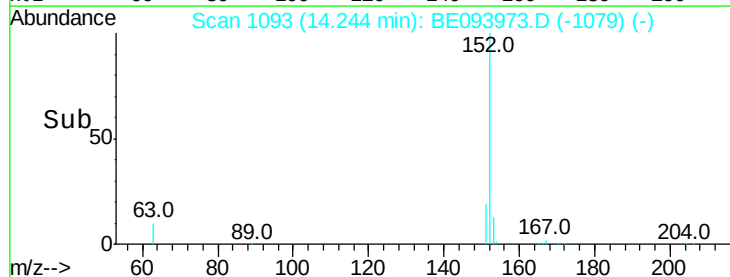
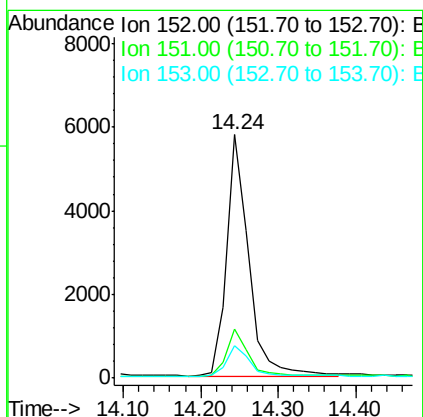
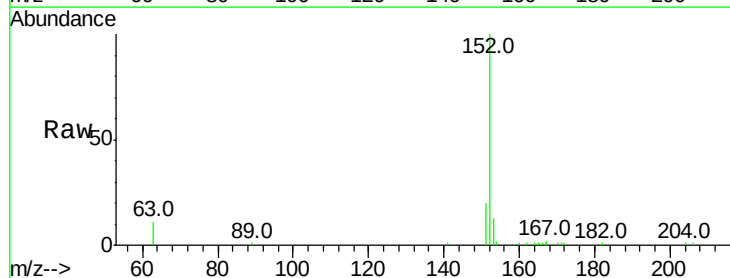
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

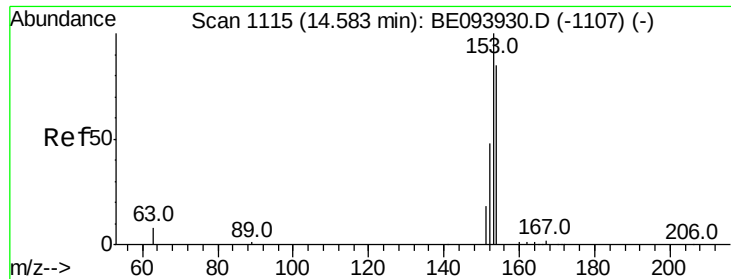
Tot Ion:172 Resp: 9095
Ion Ratio Lower Upper
172 100
171 35.5 26.9 40.3
170 23.8 17.3 25.9



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:152 Resp: 11367
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

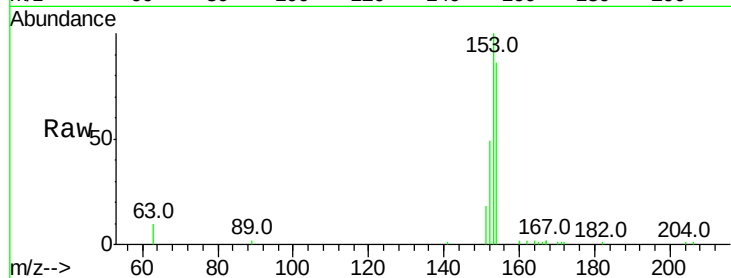
Tot Ion:154 Resp: 7781

Ion Ratio Lower Upper

154 100

153 114.0 91.8 137.6

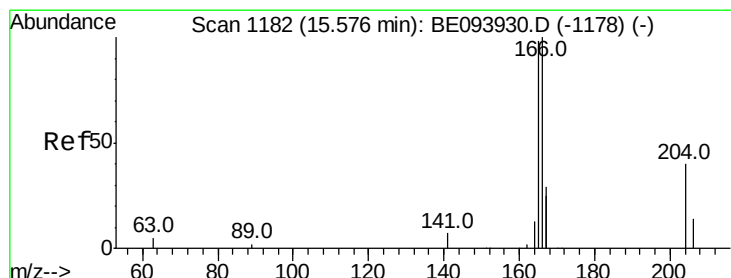
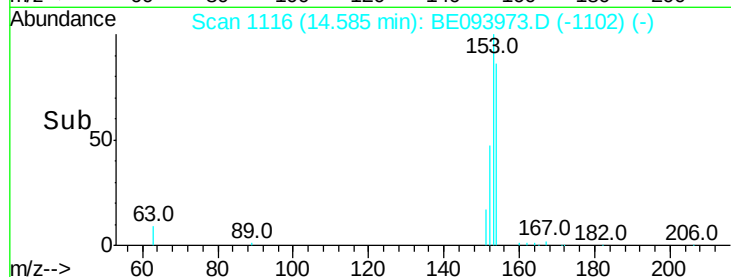
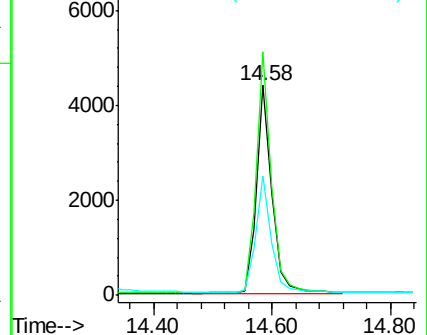
152 55.2 44.9 67.3



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: 0.393 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

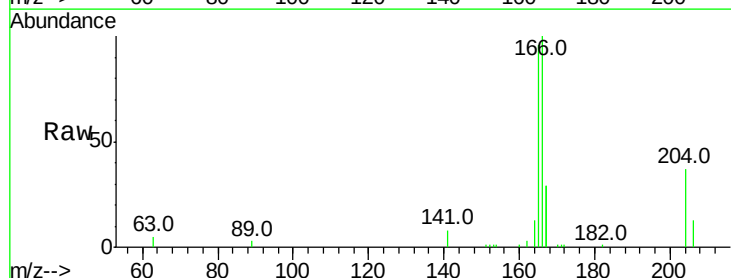
Tgt Ion:166 Resp: 9866

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

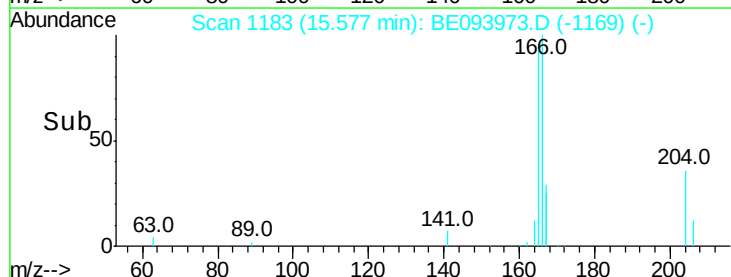
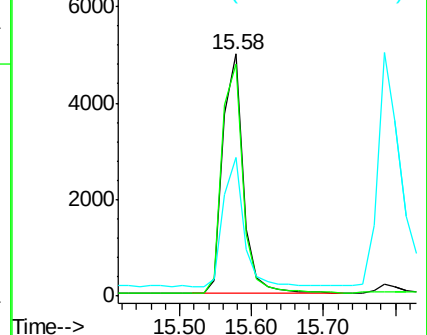
167 53.5 43.5 65.3

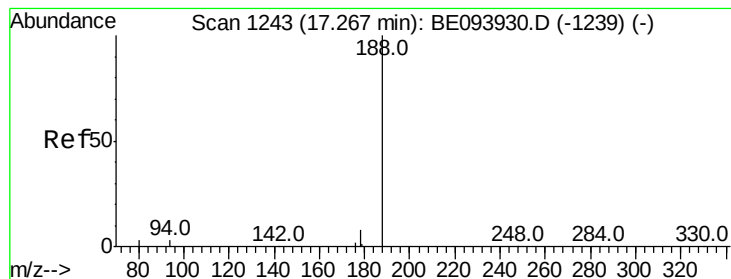


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

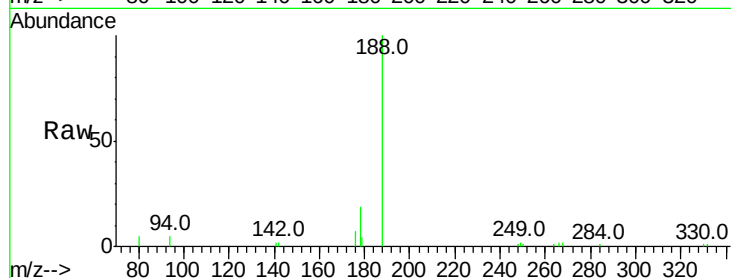
Tot Ion:188 Resp: 10276

Ion Ratio Lower Upper

188 100

94 5.0 16.1 24.1#

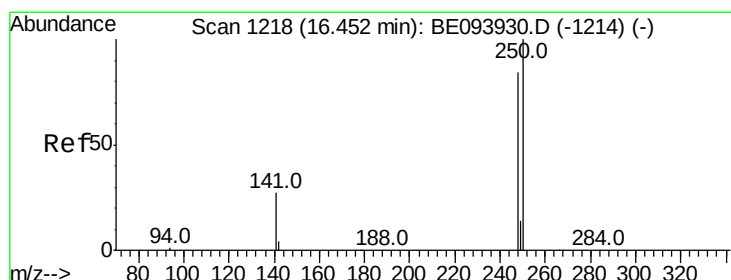
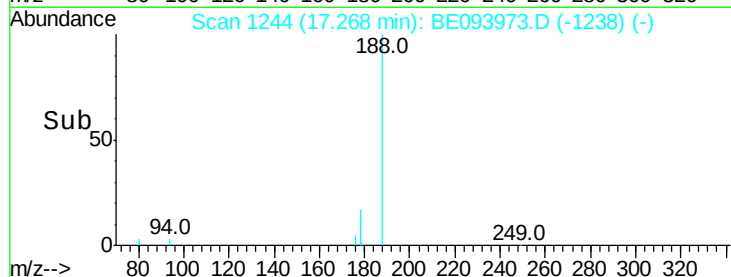
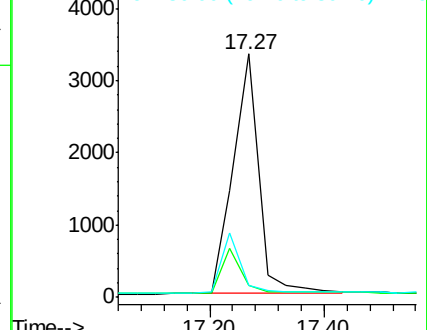
80 5.1 18.2 27.2#



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: 0.450 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

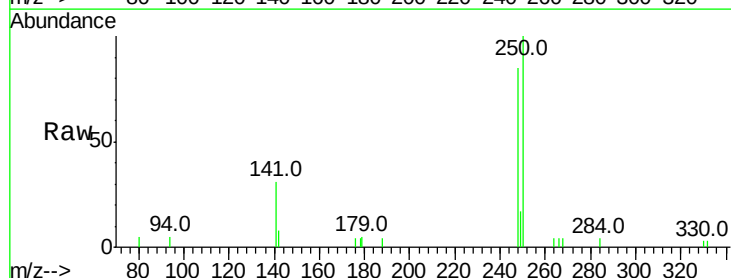
Tgt Ion:248 Resp: 2617

Ion Ratio Lower Upper

248 100

250 117.9 111.8 167.8

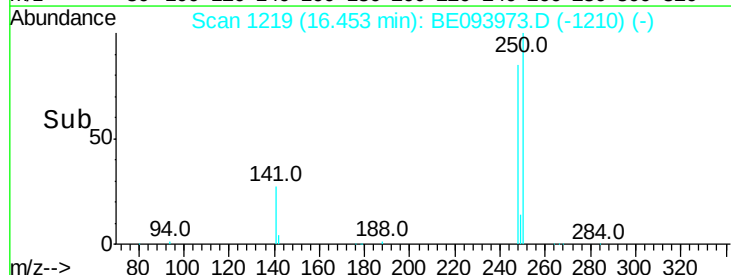
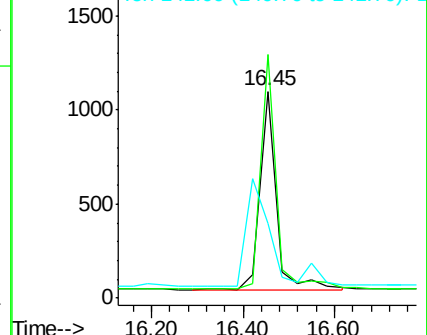
141 36.0 27.1 40.7

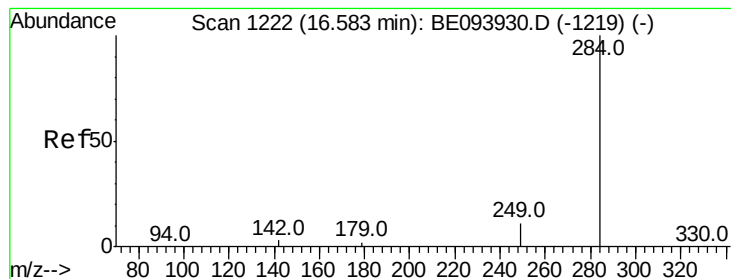


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

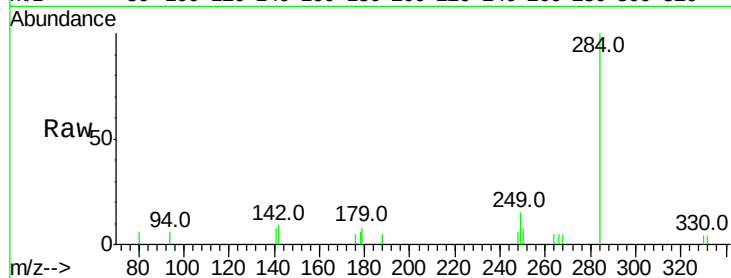
Tot Ion:284 Resp: 2253

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

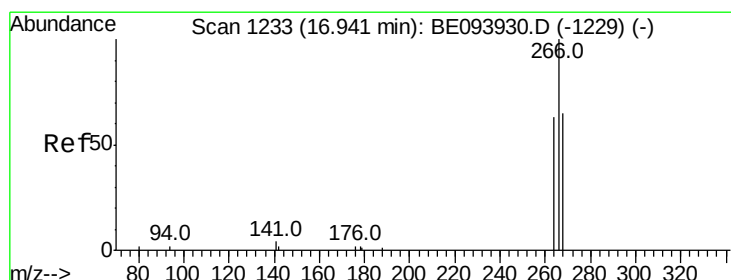
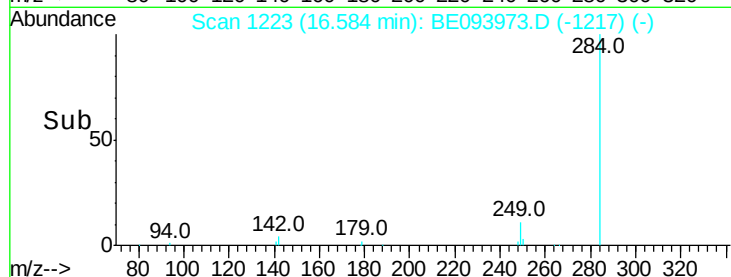
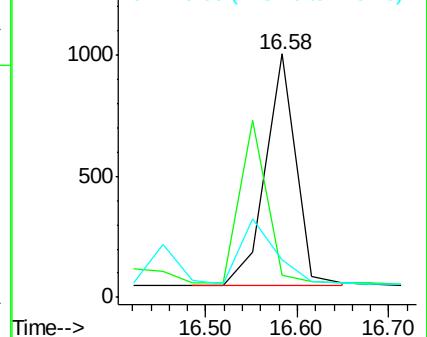
249 0.0 0.0 0.0



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: 0.467 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

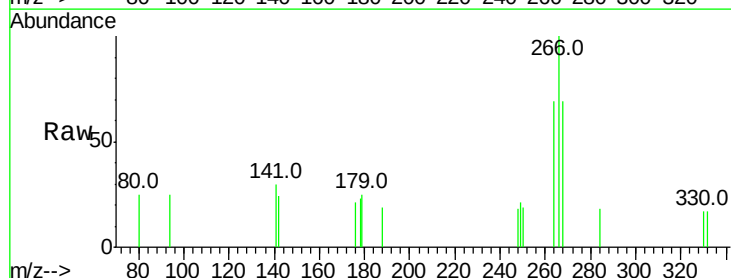
Tgt Ion:266 Resp: 761

Ion Ratio Lower Upper

266 100

264 68.8 53.5 80.3

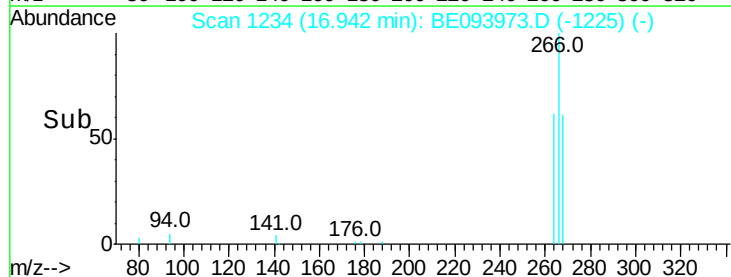
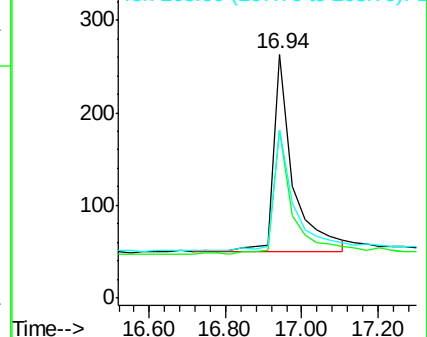
268 69.2 60.0 90.0

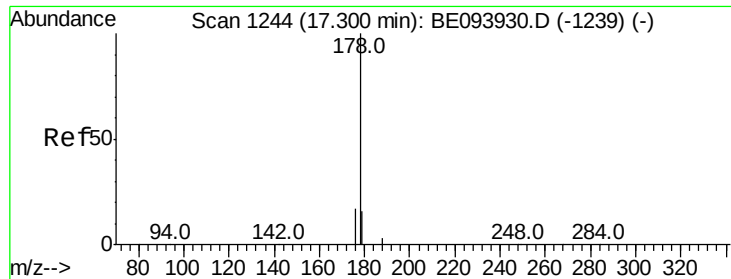


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.539 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

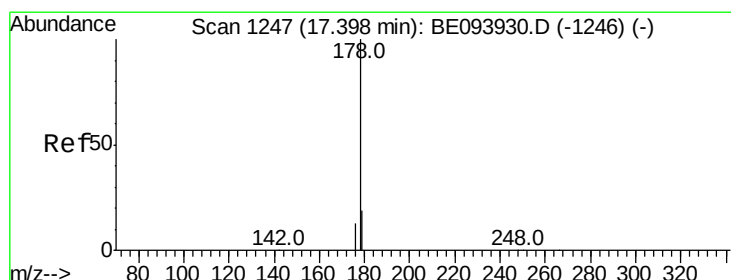
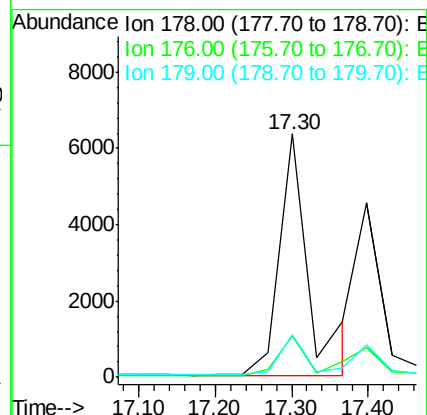
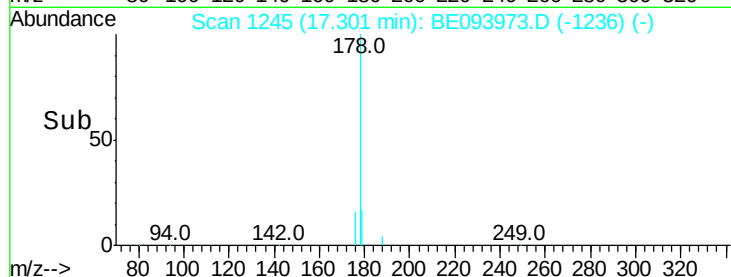
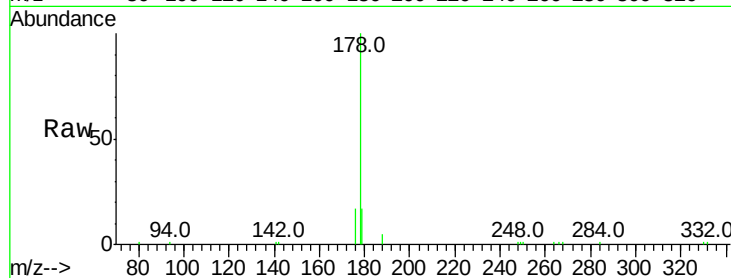
Tot Ion:178 Resp: 17057

Ion Ratio Lower Upper

178 100

176 18.7 0.0 0.0#

179 15.5 12.6 18.8



#24

Anthracene

Concen: 0.331 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

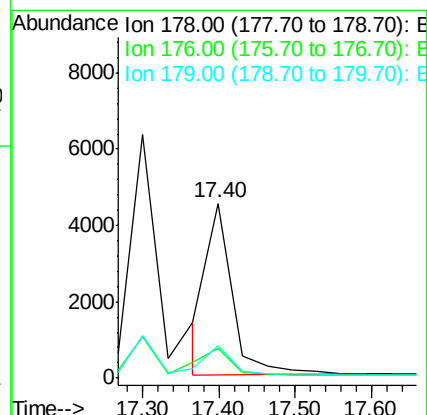
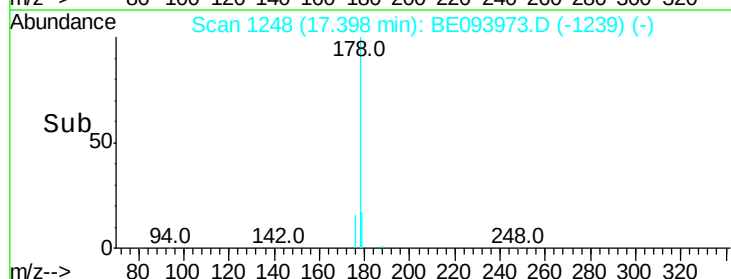
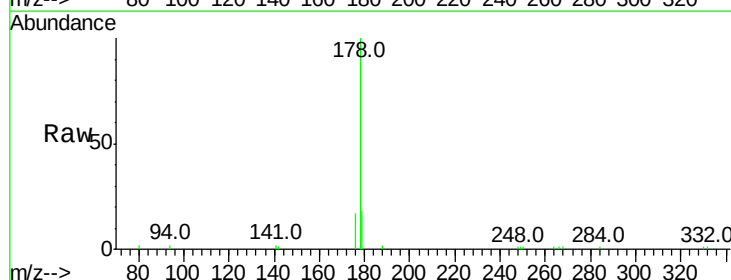
Tgt Ion:178 Resp: 10350

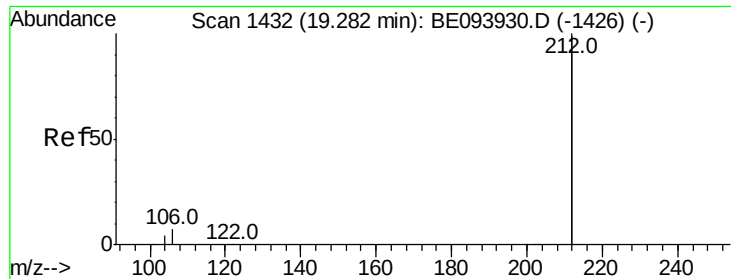
Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 17.4 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

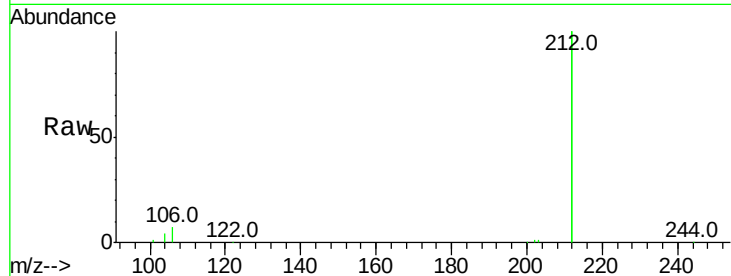
Tot Ion:212 Resp: 61143

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

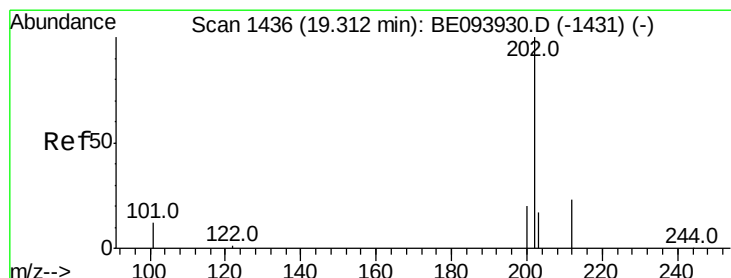
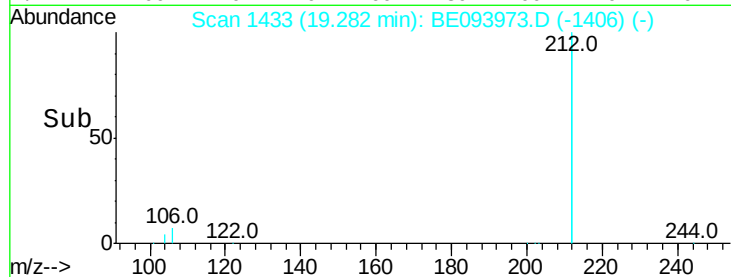
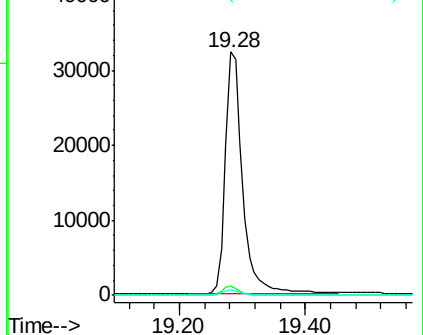
104 1.9 1.6 2.4



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: 0.401 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

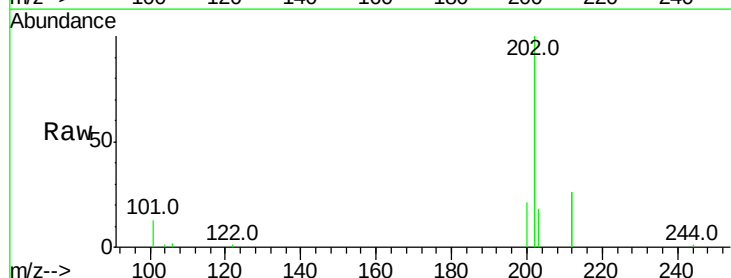
Tgt Ion:202 Resp: 18362

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

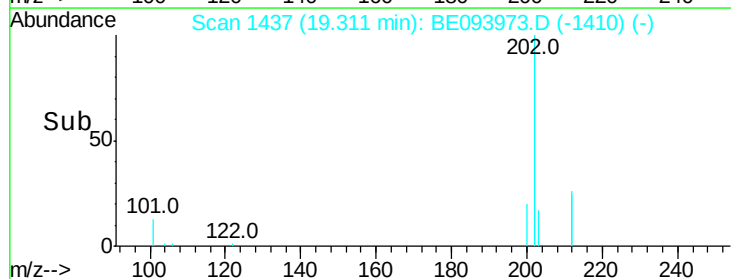
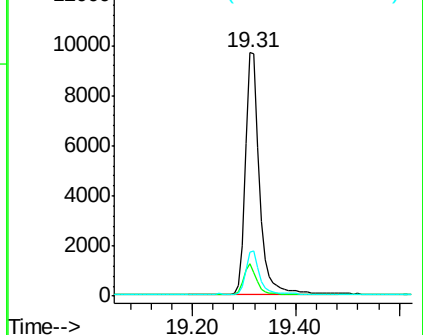
203 17.4 13.7 20.5

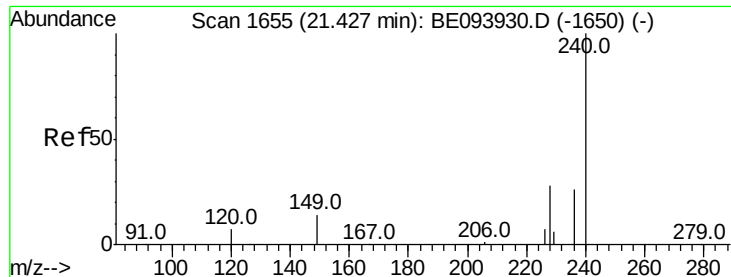


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

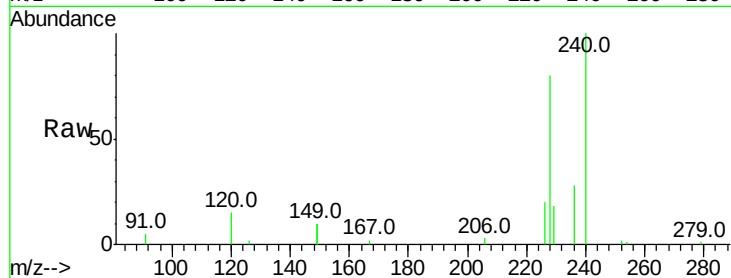
Tot Ion:240 Resp: 13606

Ion Ratio Lower Upper

240 100

120 14.6 8.7 13.1#

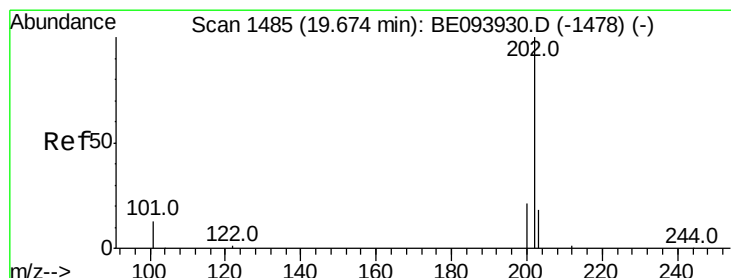
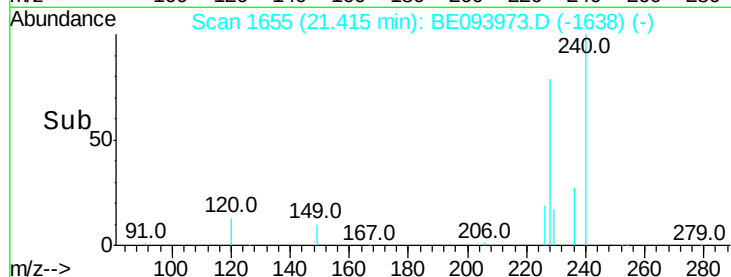
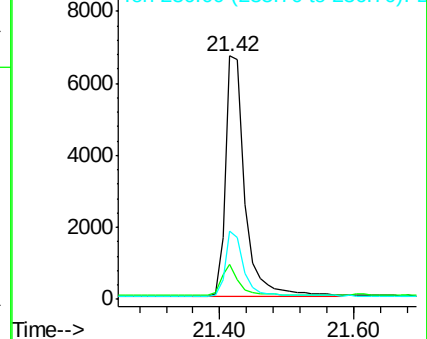
236 28.2 21.3 31.9



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: 0.403 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

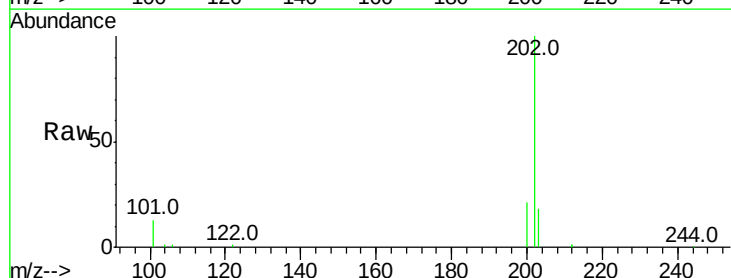
Tgt Ion:202 Resp: 18886

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

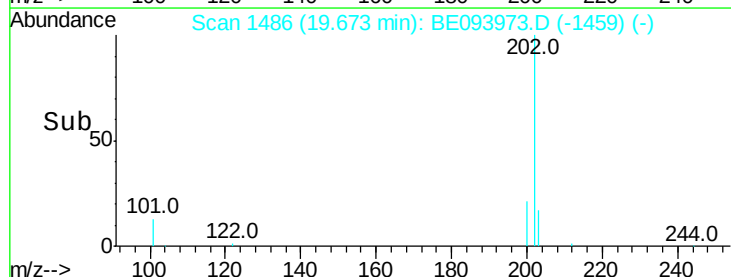
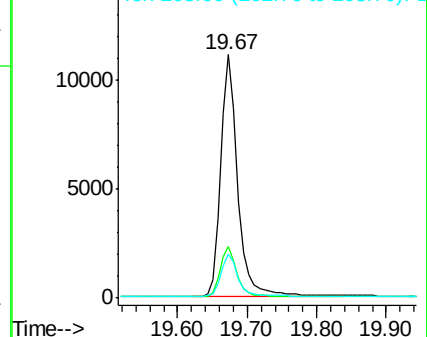
203 17.5 14.2 21.4

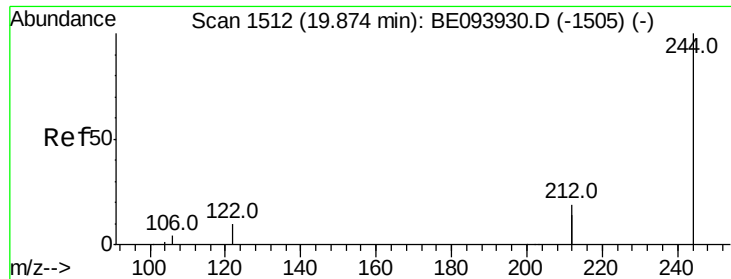


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

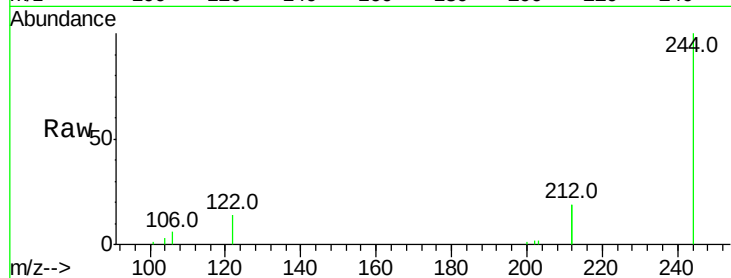
Tot Ion:244 Resp: 10049

Ion Ratio Lower Upper

244 100

212 37.2 28.3 42.5

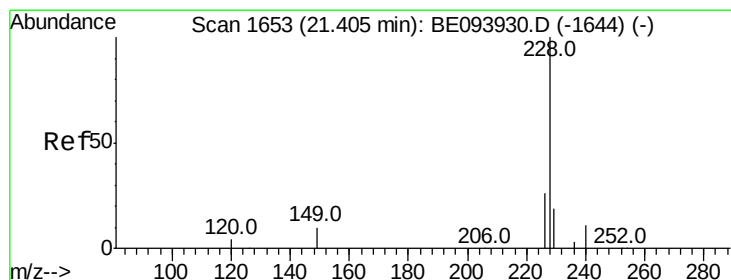
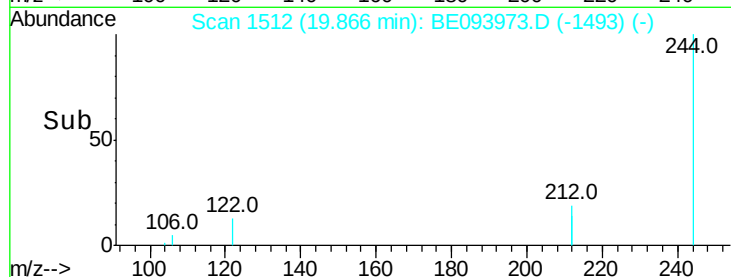
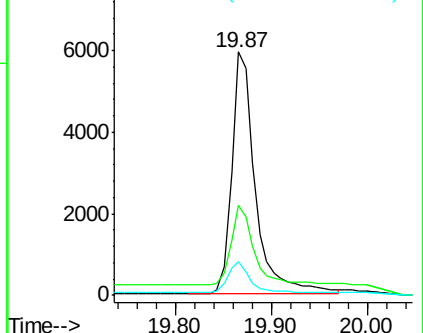
122 13.7 9.4 14.0



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: 0.379 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

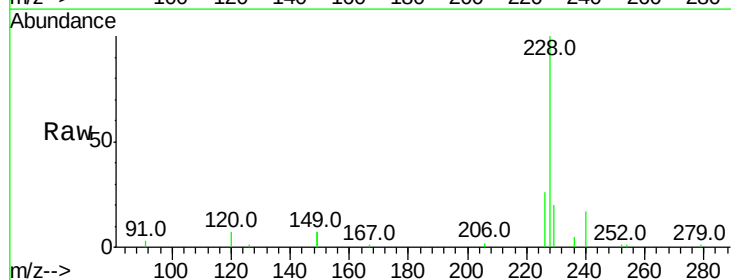
Tgt Ion:228 Resp: 15840

Ion Ratio Lower Upper

228 100

226 26.4 20.8 31.2

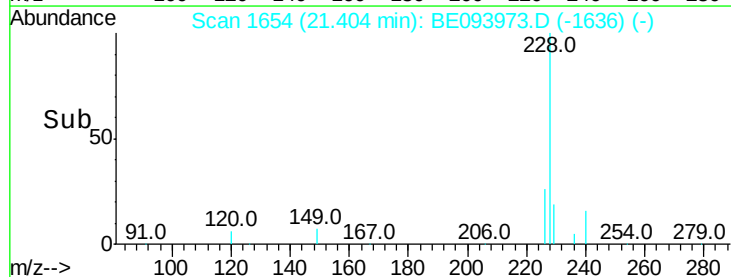
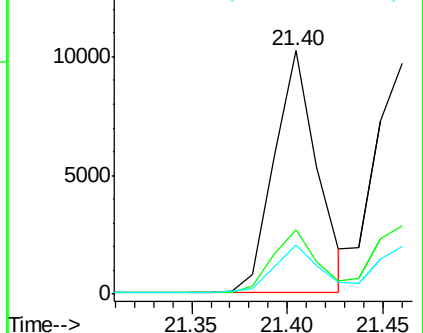
229 19.9 16.6 25.0

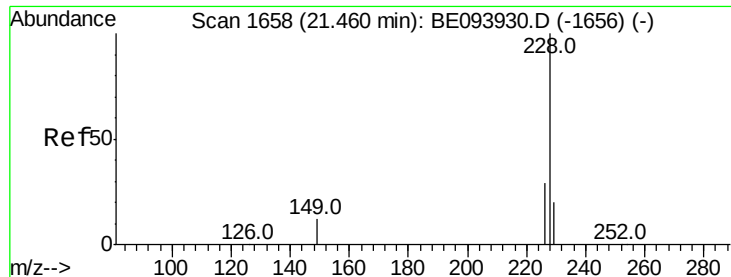


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.419 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

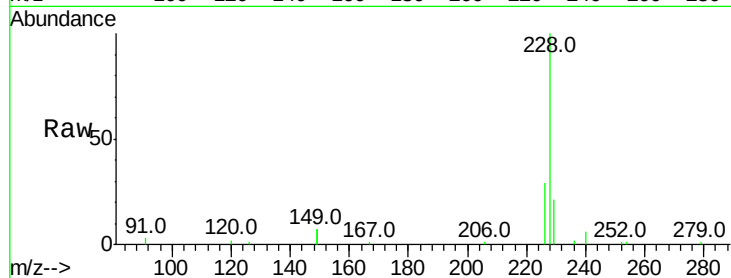
Tot Ion:228 Resp: 18546

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

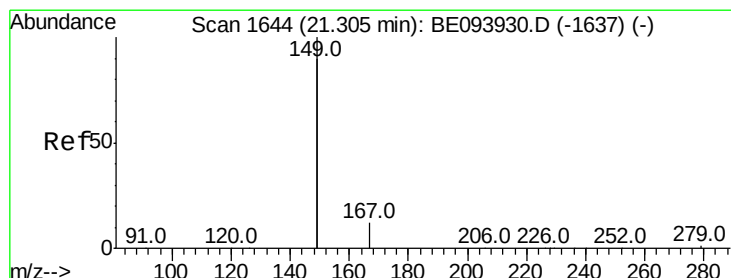
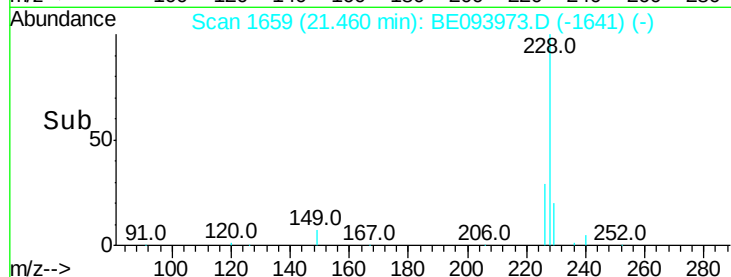
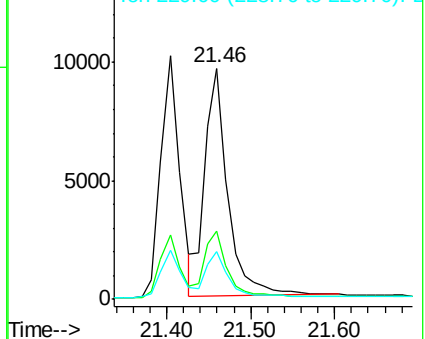
229 20.7 15.8 23.8



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: 0.357 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

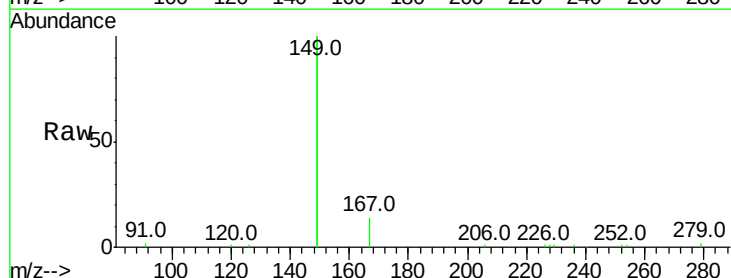
Tgt Ion:149 Resp: 36185

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

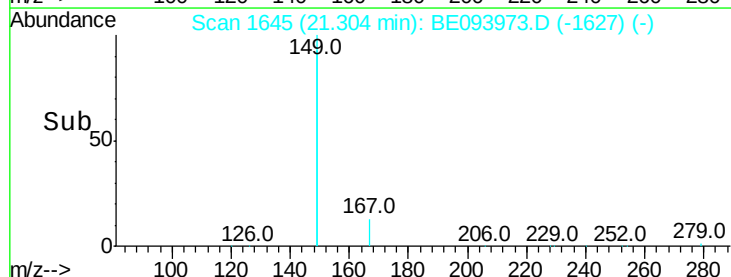
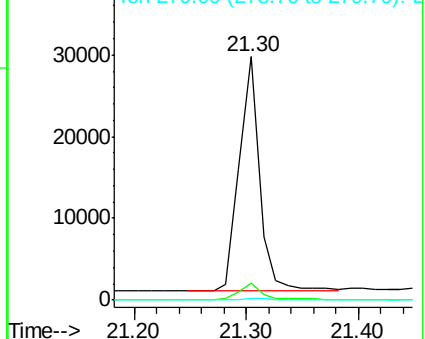
279 0.9 0.7 1.1

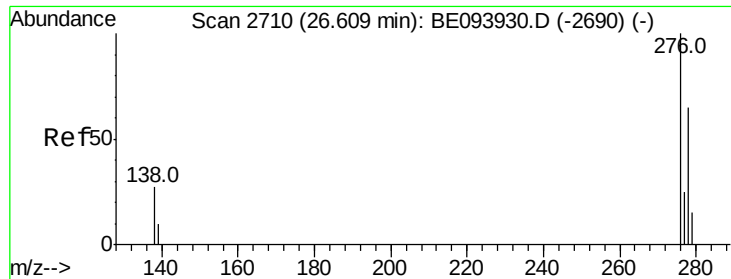


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.351 ng

RT: 26.60 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

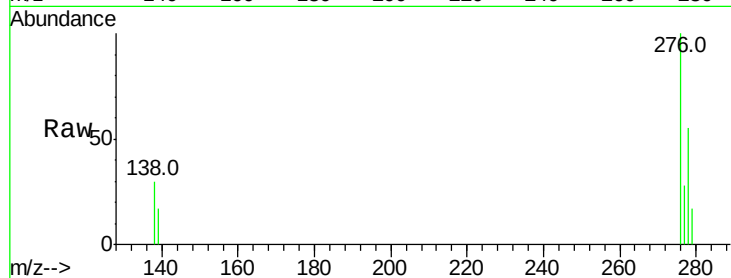
Tot Ion:276 Resp: 10356

Ion Ratio Lower Upper

276 100

138 25.8 22.2 33.2

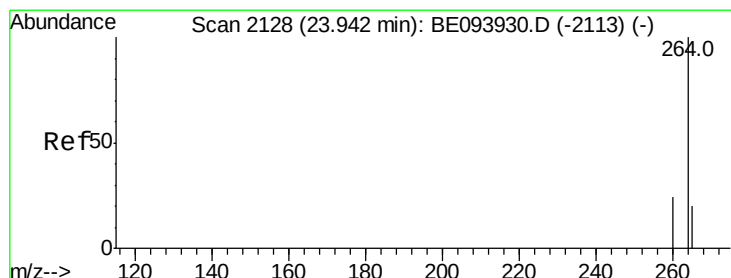
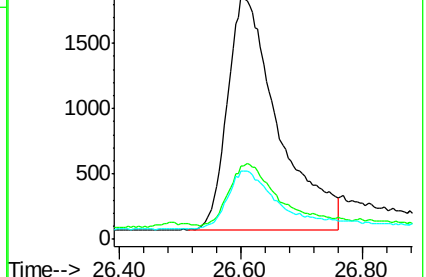
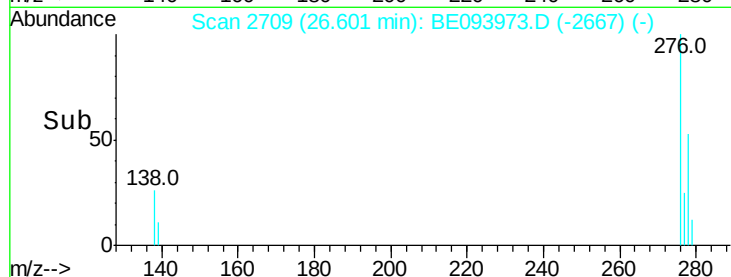
277 25.2 19.5 29.3



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: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

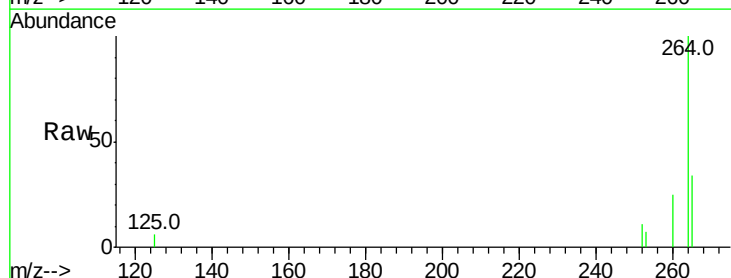
Tgt Ion:264 Resp: 10907

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

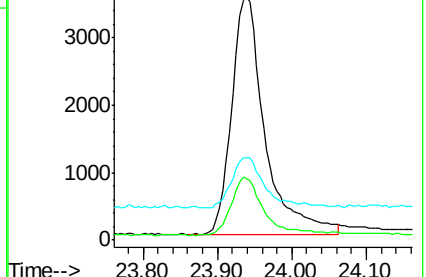
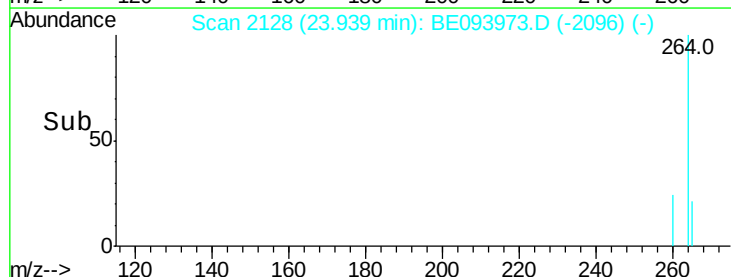
265 34.0 24.0 36.0

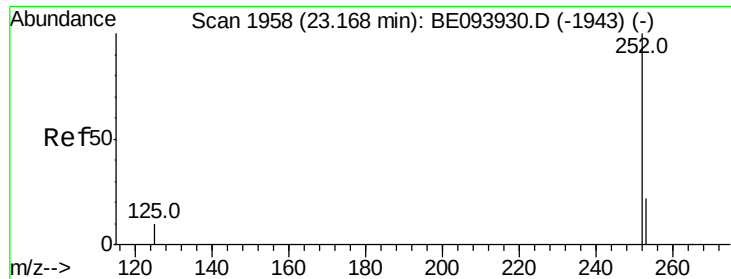


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.402 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

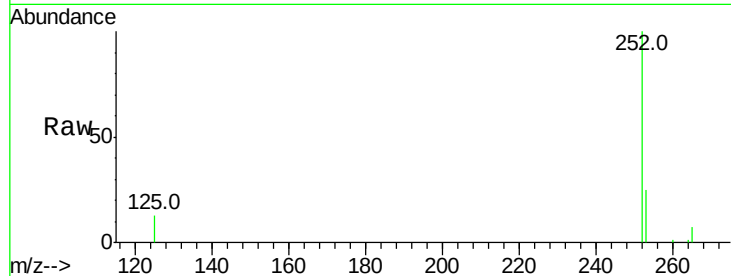
Tot Ion:252 Resp: 13952

Ion Ratio Lower Upper

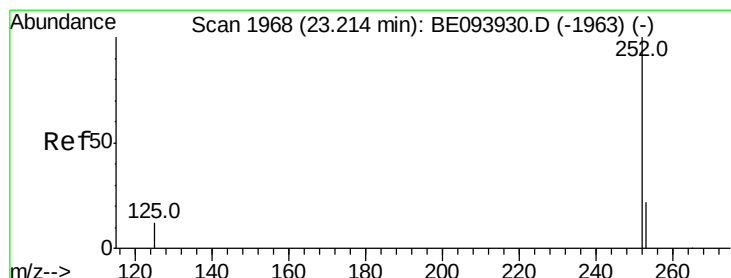
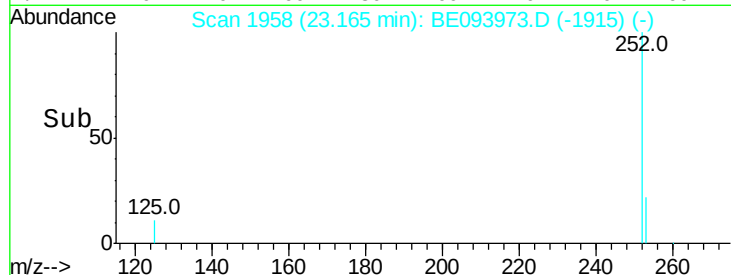
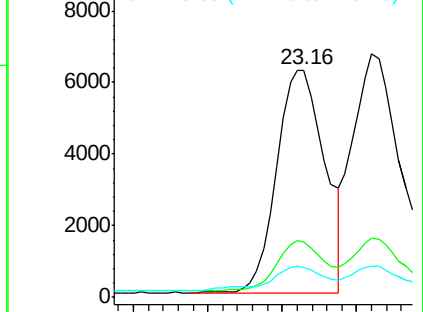
252 100

253 24.5 19.4 29.0

125 13.4 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: 0.398 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

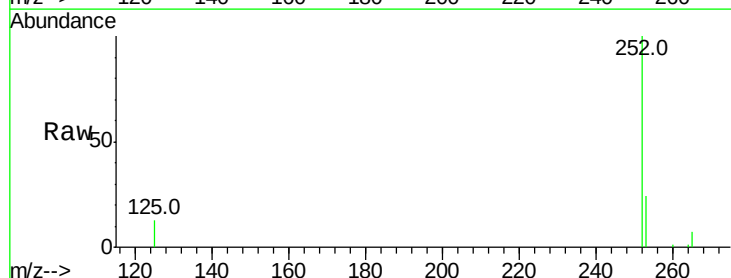
Tgt Ion:252 Resp: 16950

Ion Ratio Lower Upper

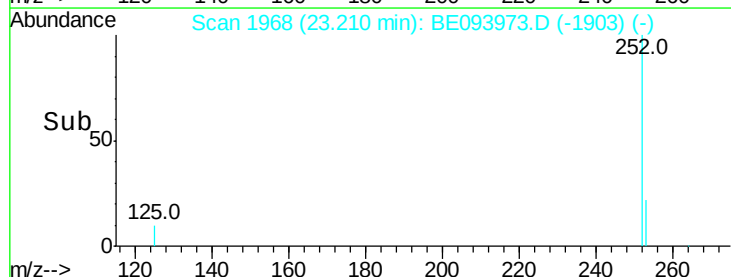
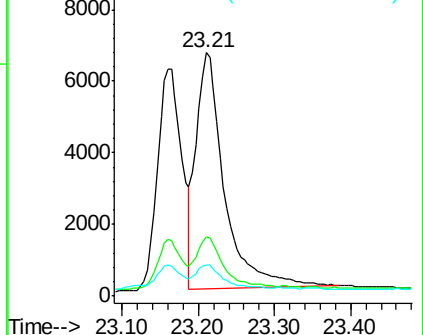
252 100

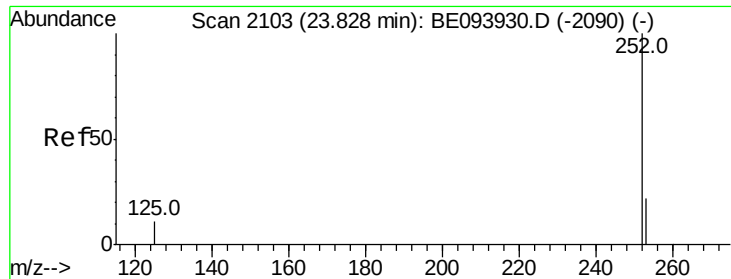
253 24.3 18.1 27.1

125 12.8 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: 0.406 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

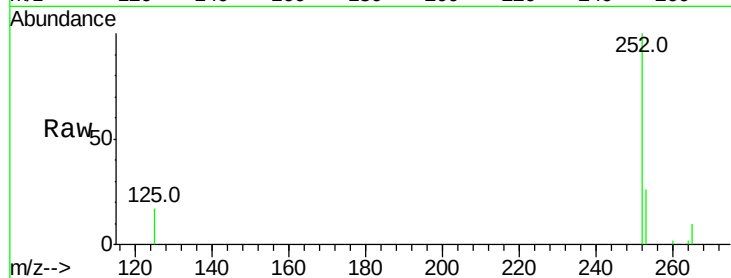
Tot Ion:252 Resp: 14342

Ion Ratio Lower Upper

252 100

253 25.6 19.6 29.4

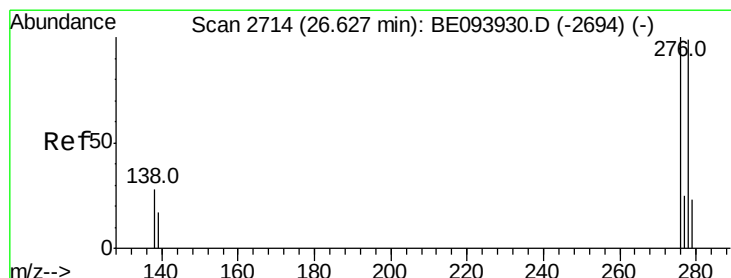
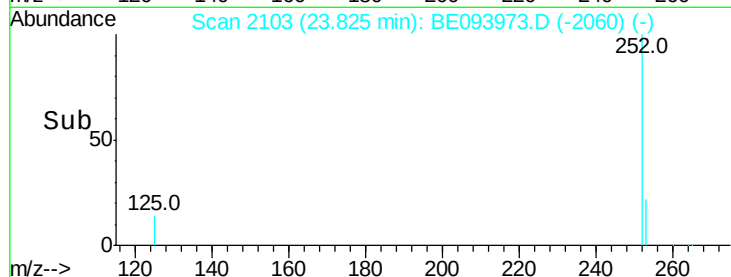
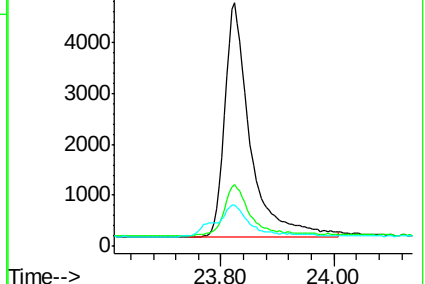
125 17.3 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

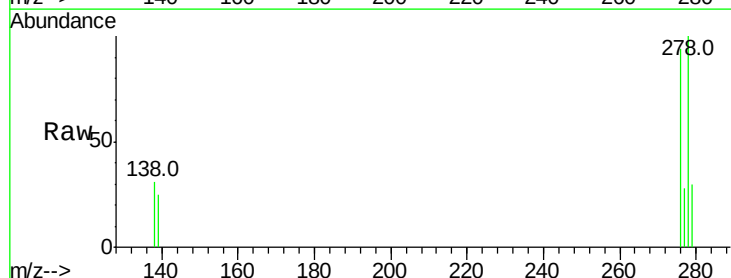
Tgt Ion:278 Resp: 8869

Ion Ratio Lower Upper

278 100

139 24.6 16.7 25.1

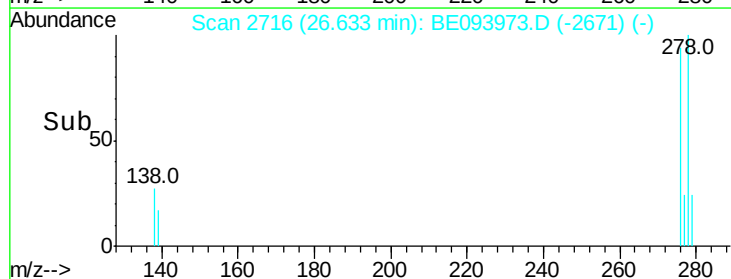
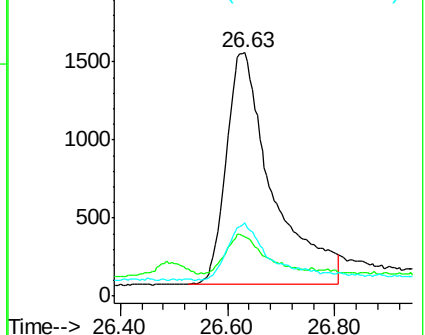
279 30.1 21.6 32.4

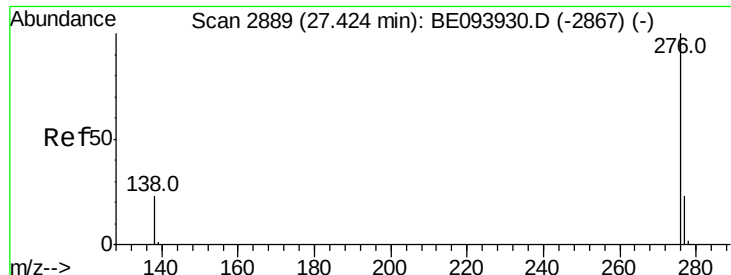


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093973.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

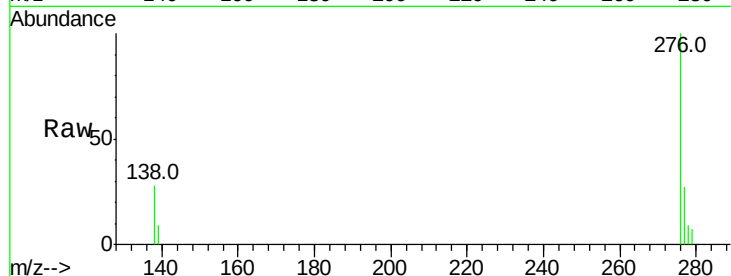
Tot Ion:276 Resp: 9478

Ion Ratio Lower Upper

276 100

277 26.9 20.6 30.8

138 27.8 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

