

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093979.D
 Acq On : 12 Sep 2017 1:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 12 07:46:05 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	2027	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10131	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5618	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10520	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13689	0.40	ng	-0.01
34) Perylene-d12	23.94	264	10637	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2562	0.39	ng	0.00
5) Phenol-d6	7.11	99	3752	0.38	ng	0.00
8) Nitrobenzene-d5	9.08	82	3410	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6602	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	683	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9140	0.41	ng	0.00
25) Fluoranthene-d10	19.28	212	60523	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	10031	0.40	ng	0.00

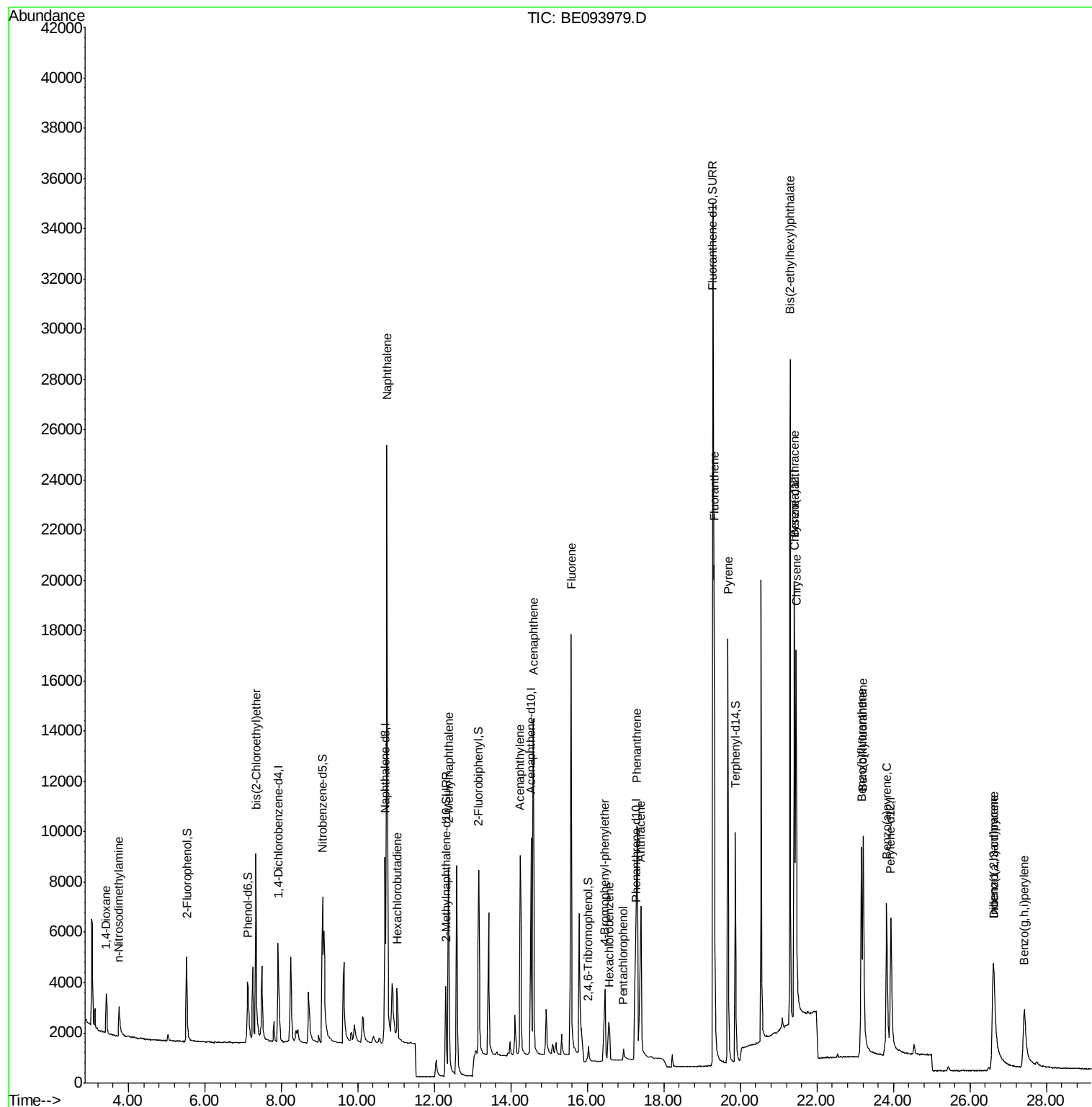
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1223	0.438	ng	99
3) n-Nitrosodimethylamine	3.75	42	1304	0.398	ng	# 98
6) bis(2-Chloroethyl)ether	7.34	93	3200	0.398	ng	85
9) Naphthalene	10.76	128	47384	0.408	ng	100
10) Hexachlorobutadiene	11.03	225	1694	0.401	ng	99
12) 2-Methylnaphthalene	12.37	142	7843	0.407	ng	98
16) Acenaphthylene	14.24	152	11109	0.396	ng	100
17) Acenaphthene	14.58	154	7664	0.404	ng	99
18) Fluorene	15.58	166	9836	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2568	0.426	ng	83
21) Hexachlorobenzene	16.58	284	2243	0.361	ng	# 100
22) Pentachlorophenol	16.94	266	665	0.399	ng	94
23) Phenanthrene	17.30	178	17190	0.528	ng	# 99
24) Anthracene	17.40	178	10472	0.327	ng	# 56
26) Fluoranthene	19.31	202	17995	0.384	ng	99
28) Pyrene	19.67	202	18814	0.399	ng	99
30) Benzo(a)anthracene	21.40	228	15660	0.372	ng	100
31) Chrysene	21.46	228	18350	0.413	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	34875	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	10238	0.345	ng	98
35) Benzo(b)fluoranthene	23.16	252	13684	0.404	ng	98
36) Benzo(k)fluoranthene	23.21	252	17766	0.428	ng	97
37) Benzo(a)pyrene	23.82	252	14028	0.407	ng	98
38) Dibenzo(a,h)anthracene	26.62	278	8140	0.356	ng	# 94
39) Benzo(g,h,i)perylene	27.42	276	9226	0.382	ng	99

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

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Quant Time: Sep 12 07:46:05 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: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

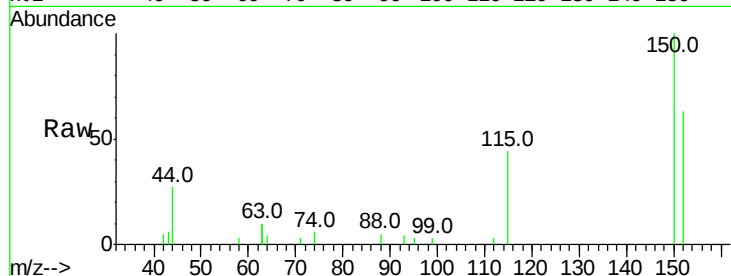
Tot Ion:152 Resp: 2027

Ion Ratio Lower Upper

152 100

150 158.4 121.8 182.6

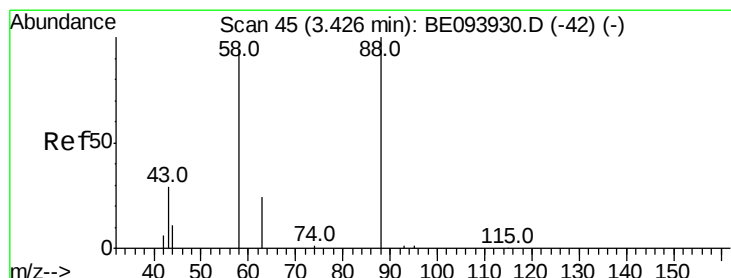
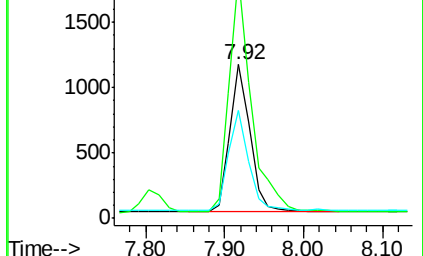
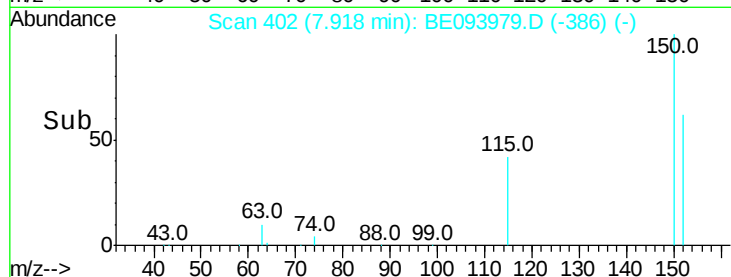
115 70.3 52.6 79.0



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: 0.438 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

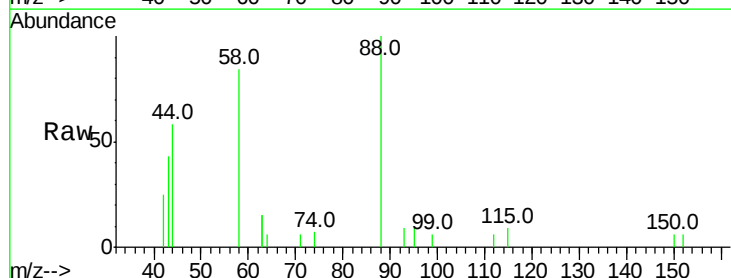
Tgt Ion: 88 Resp: 1223

Ion Ratio Lower Upper

88 100

58 80.0 65.4 98.0

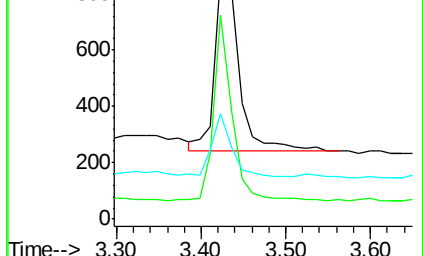
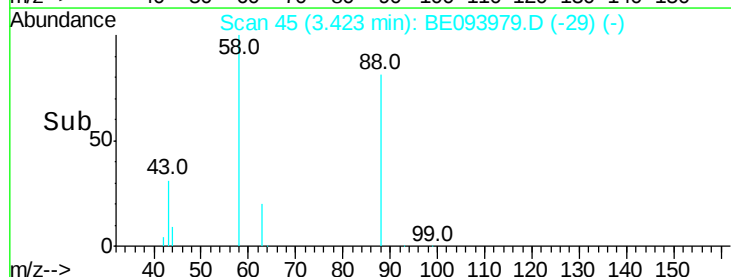
43 29.8 23.9 35.9

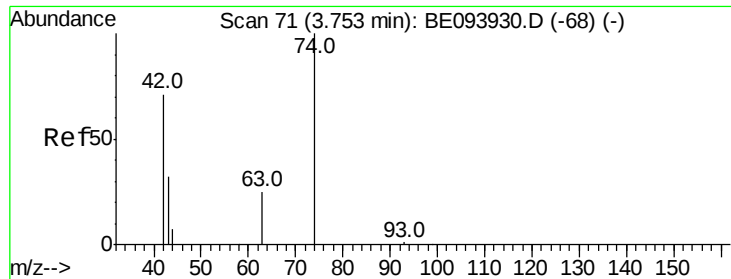


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.398 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

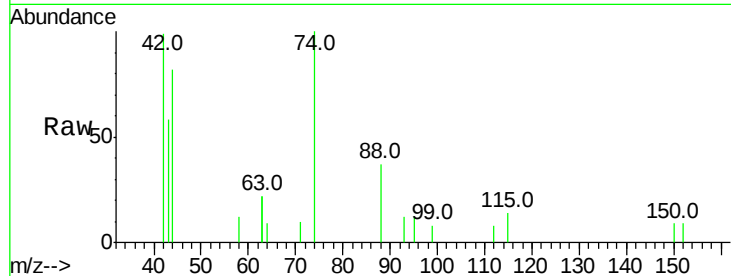
Tot Ion: 42 Resp: 1304

Ion Ratio Lower Upper

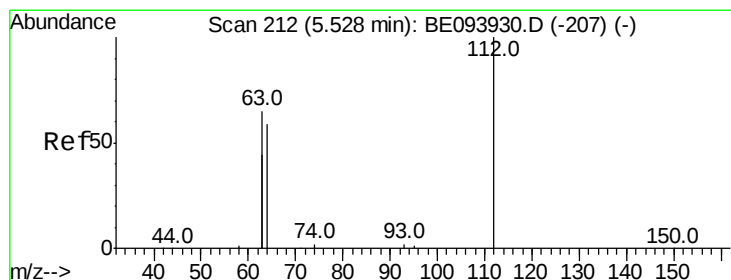
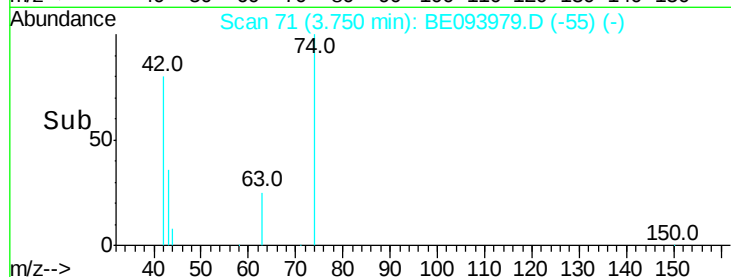
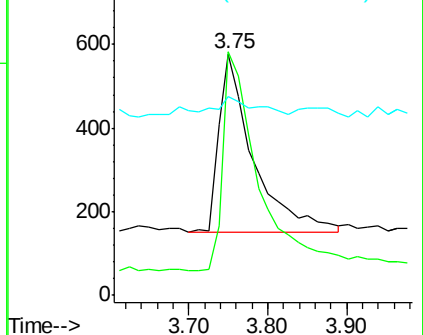
42 100

74 128.7 104.0 156.0

44 11.7 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: 0.391 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

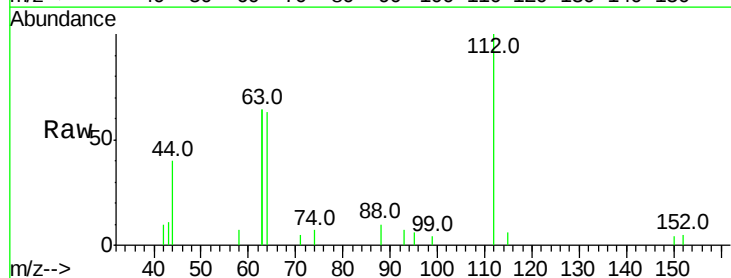
Tgt Ion: 112 Resp: 2562

Ion Ratio Lower Upper

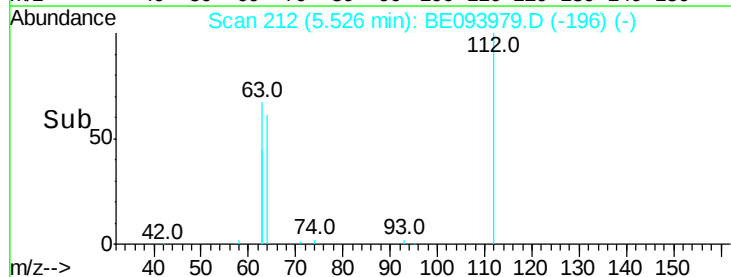
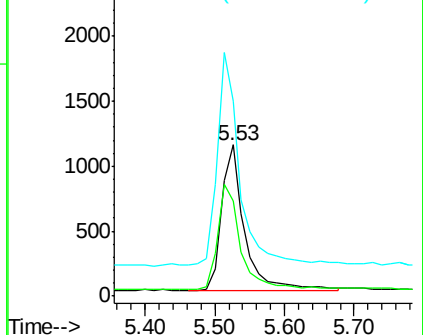
112 100

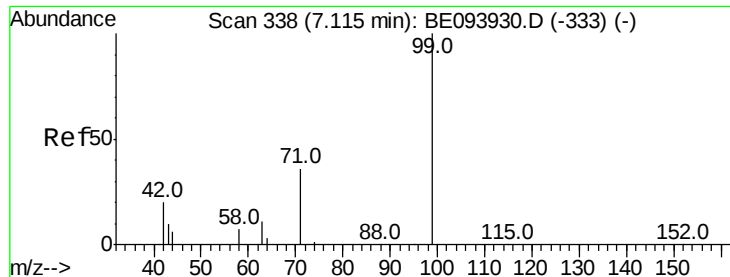
64 73.8 57.7 86.5

63 143.3 116.0 174.0



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: 0.382 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

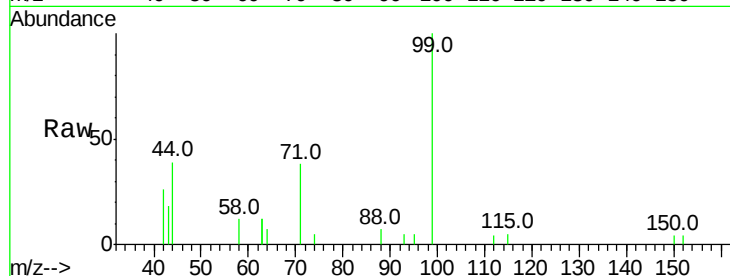
Tot Ion: 99 Resp: 3752

Ion Ratio Lower Upper

99 100

42 21.1 17.1 25.7

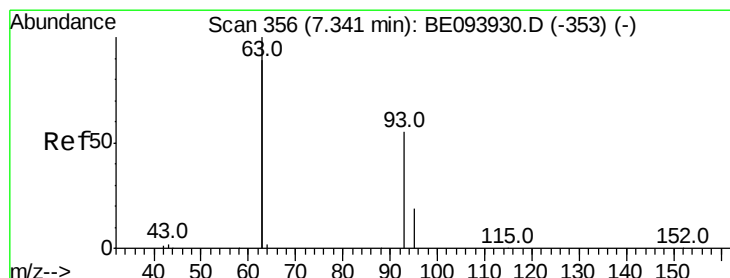
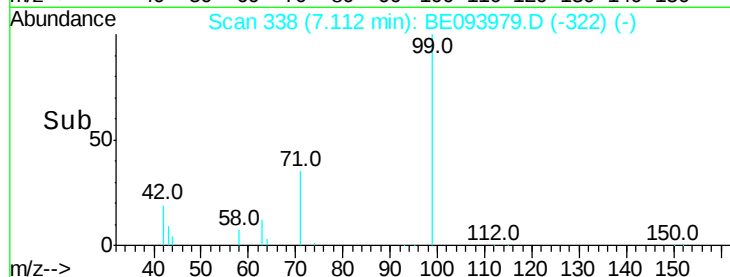
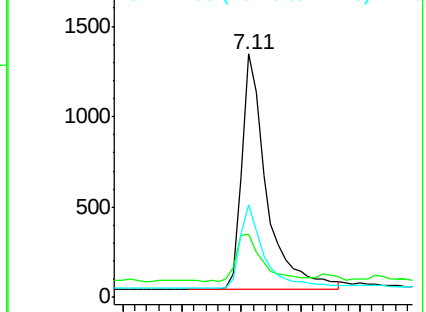
71 33.7 26.6 39.8



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: BE093979.D

Acq: 12 Sep 2017 1:11

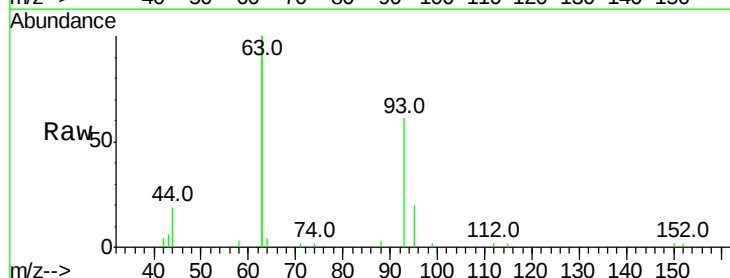
Tgt Ion: 93 Resp: 3200

Ion Ratio Lower Upper

93 100

63 319.8 283.4 425.2

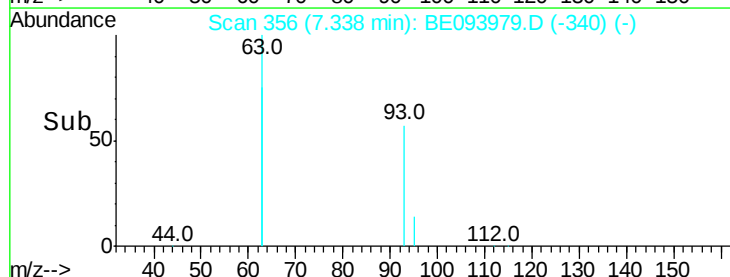
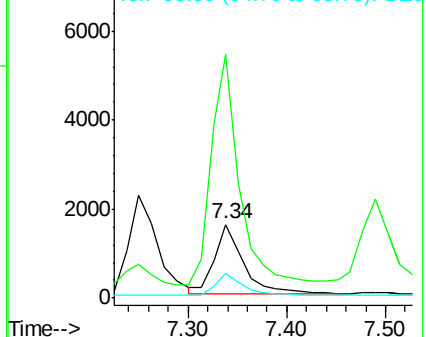
95 30.1 26.9 40.3

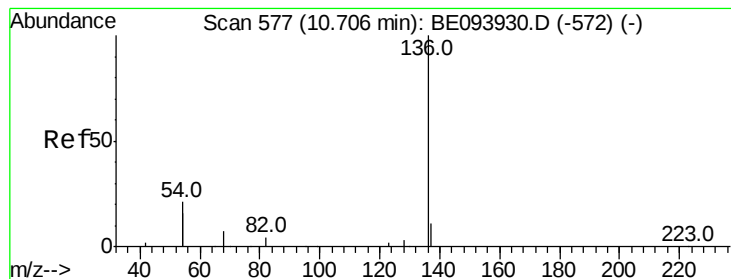


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10131

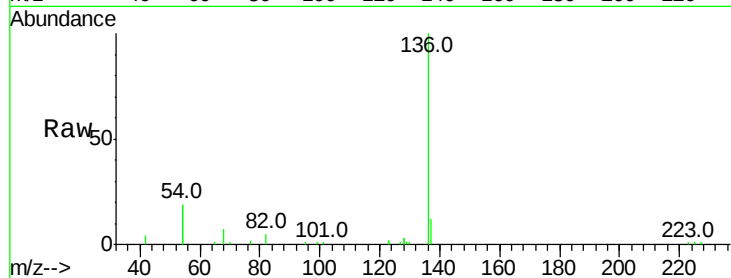
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 37.1 21.9 32.9#

68 7.5 4.6 7.0#

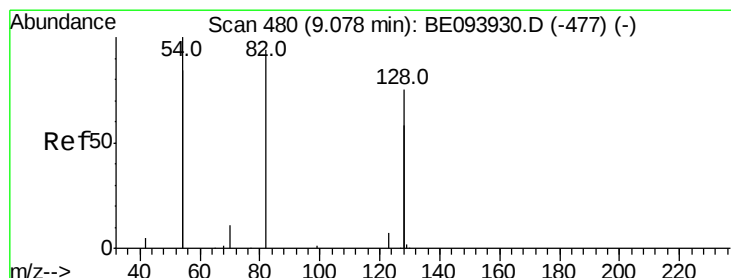
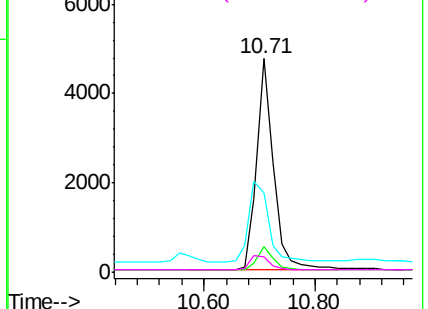
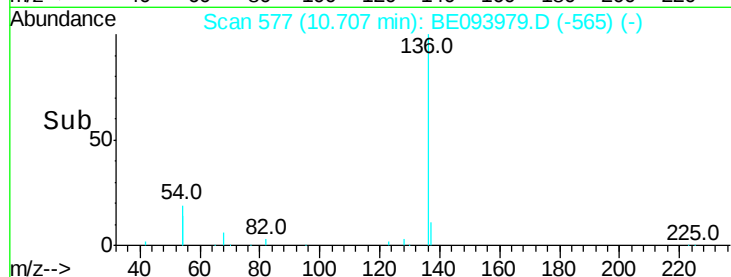


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

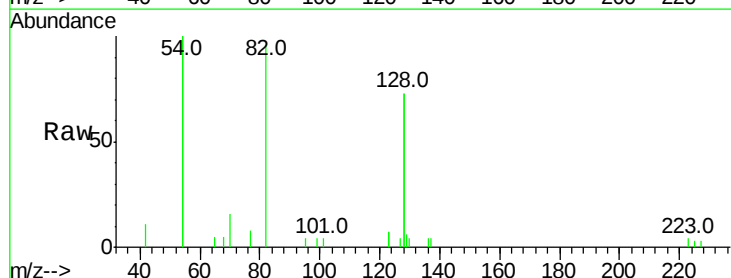
Tgt Ion: 82 Resp: 3410

Ion Ratio Lower Upper

82 100

128 151.9 91.4 137.0#

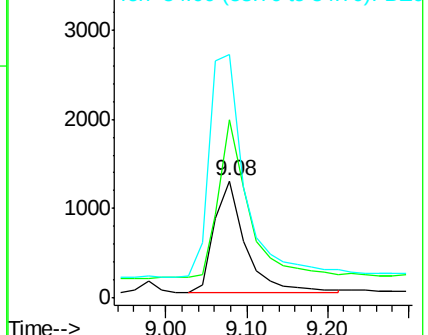
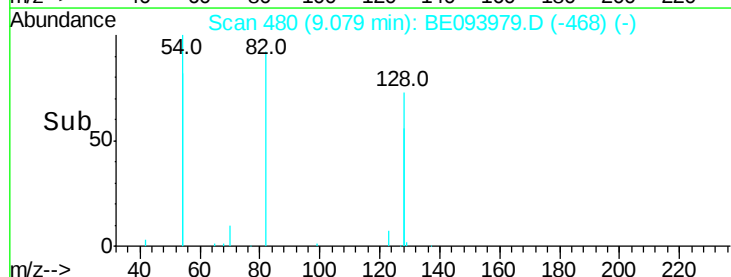
54 207.6 197.8 296.8



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: 0.408 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

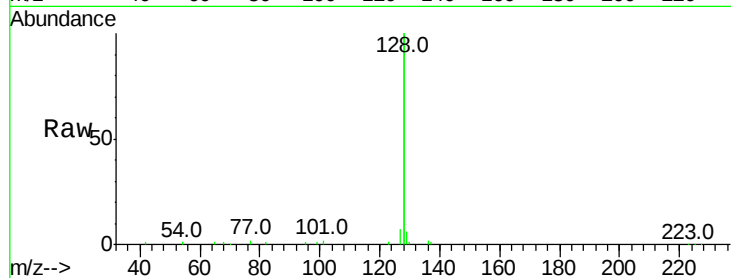
Tot Ion:128 Resp: 47384

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

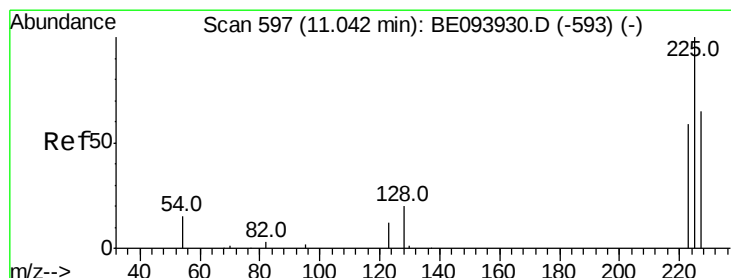
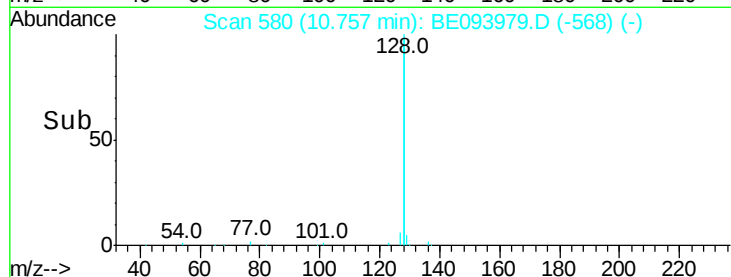
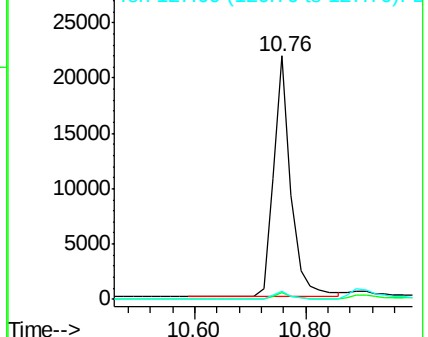
127 3.3 2.6 4.0



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: 0.401 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

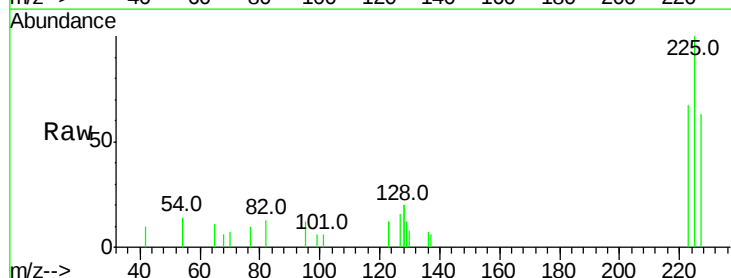
Tgt Ion:225 Resp: 1694

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.0

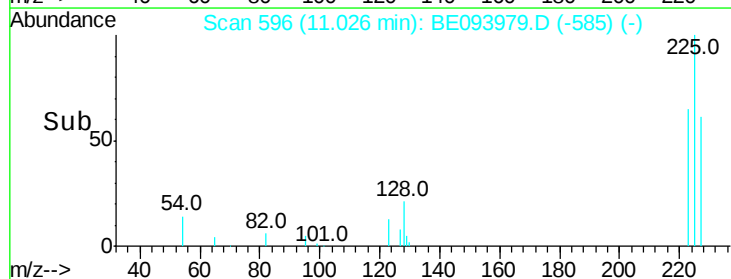
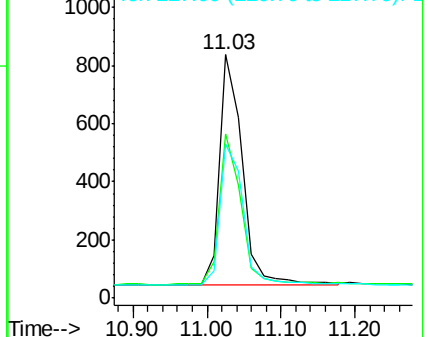
227 63.2 50.5 75.7



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: 0.407 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

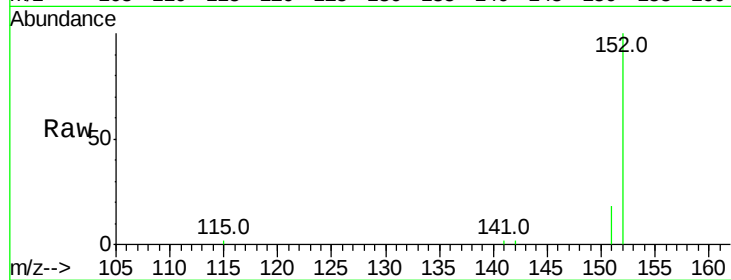
SSTDCCC0.4EC

Tot Ion:152 Resp: 6602

Ion Ratio Lower Upper

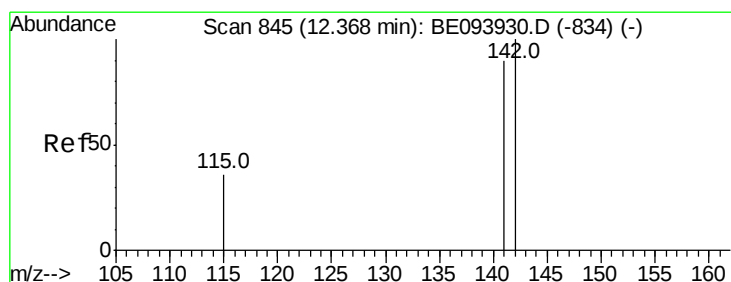
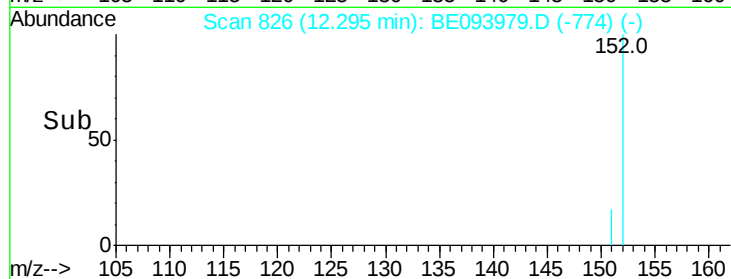
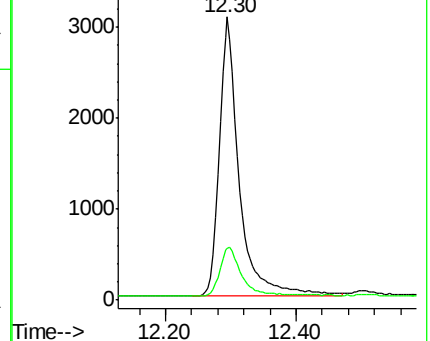
152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.407 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

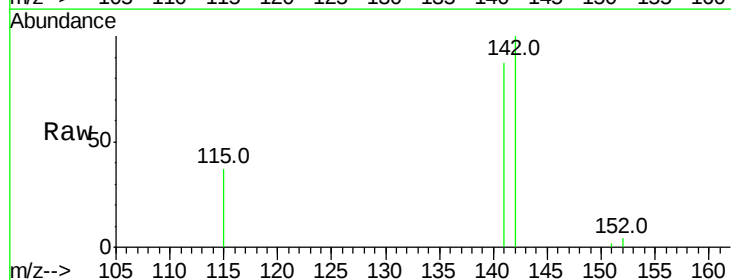
Tgt Ion:142 Resp: 7843

Ion Ratio Lower Upper

142 100

141 87.3 71.4 107.2

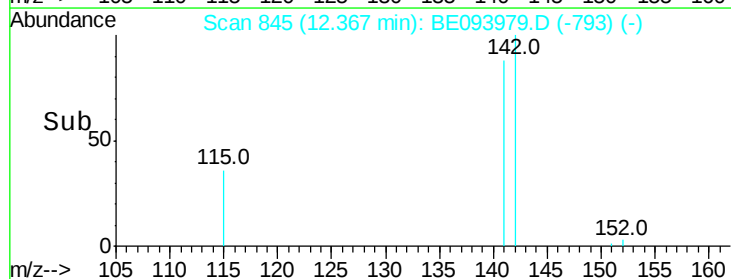
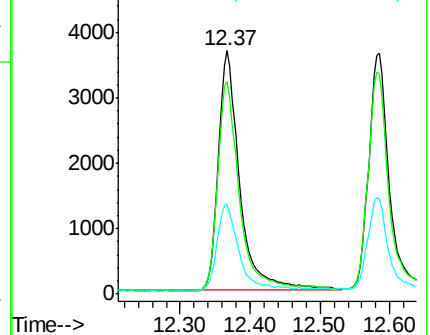
115 37.2 29.4 44.0



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

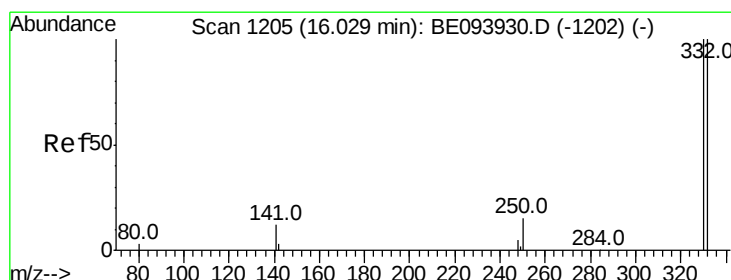
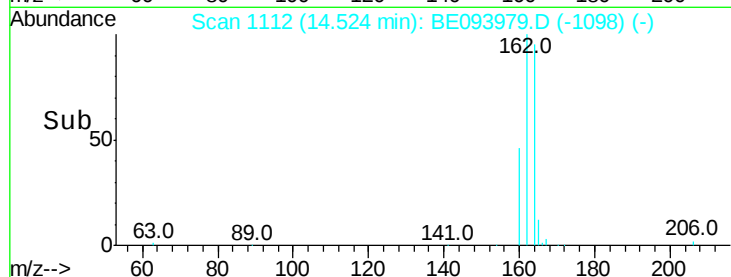
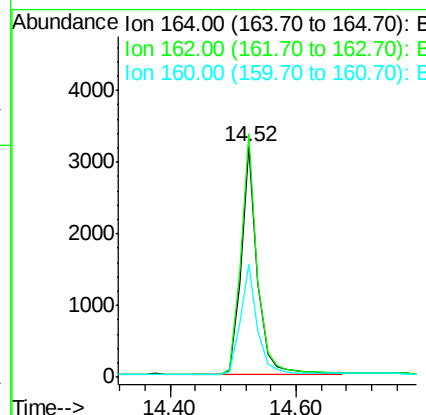
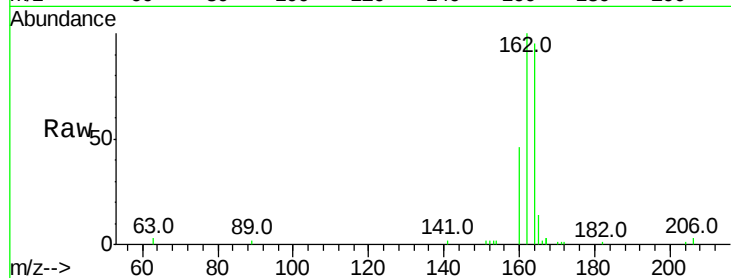




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

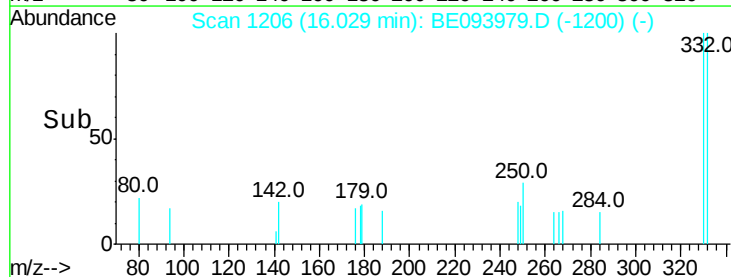
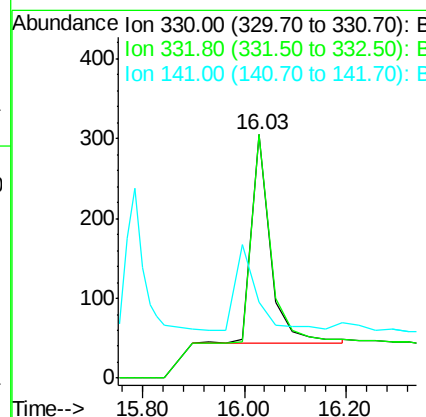
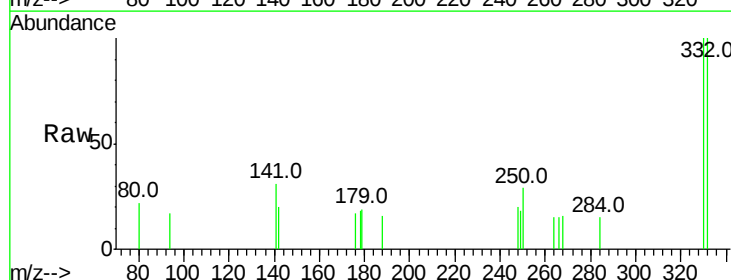
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

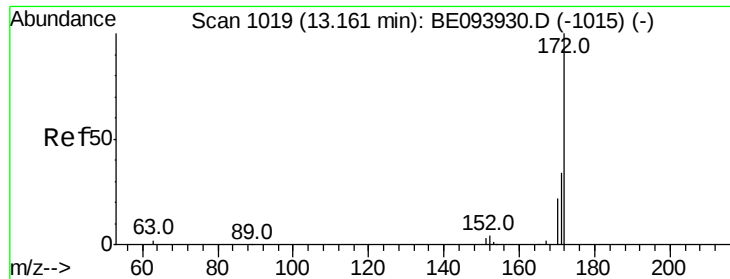
Tot Ion:164 Resp: 5618
Ion Ratio Lower Upper
164 100
162 105.6 80.8 121.2
160 49.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

Tgt Ion:330 Resp: 683
Ion Ratio Lower Upper
330 100
332 99.4 76.9 115.3
141 0.0 0.0 0.0

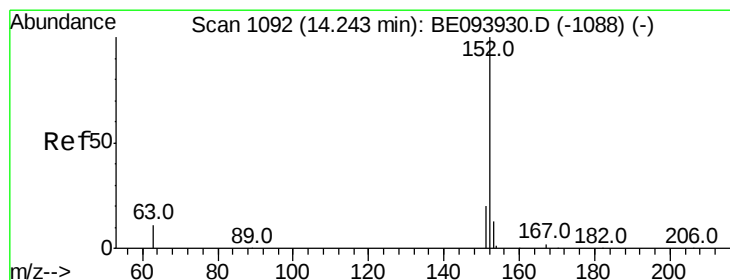
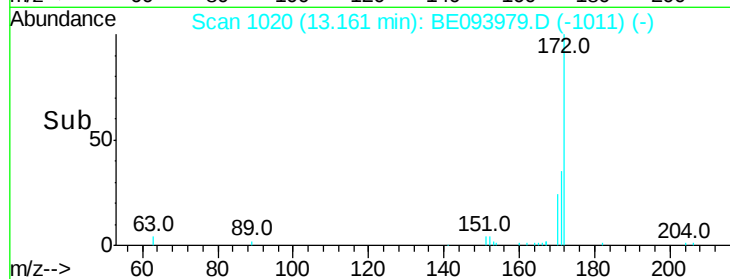
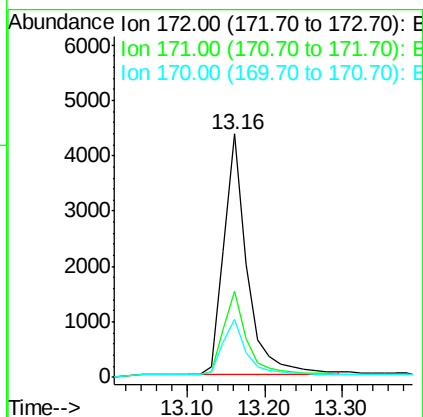
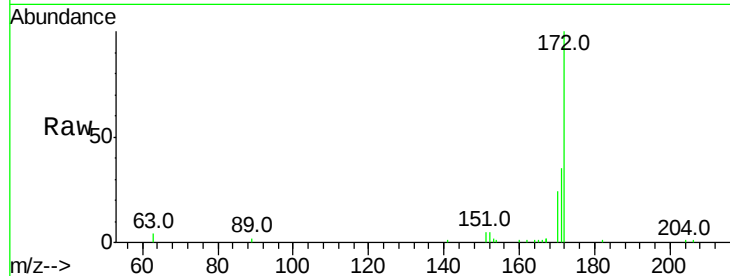




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

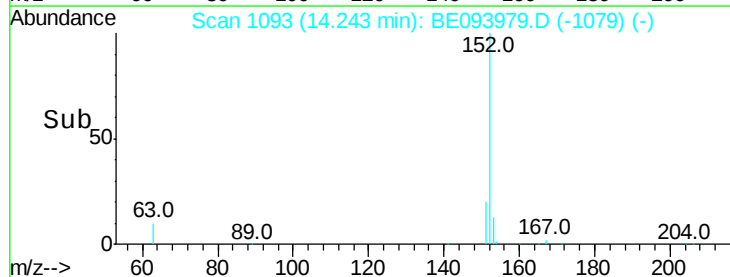
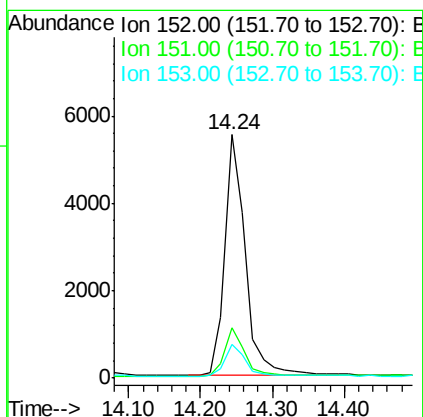
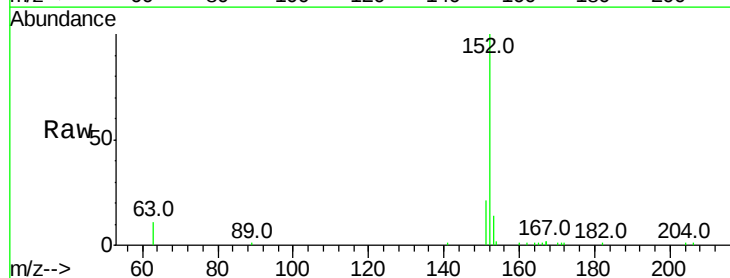
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

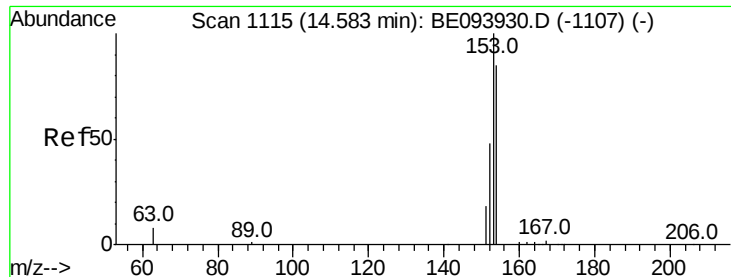
Tot Ion:172 Resp: 9140
Ion Ratio Lower Upper
172 100
171 35.3 26.9 40.3
170 23.7 17.3 25.9



#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

Tgt Ion:152 Resp: 11109
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

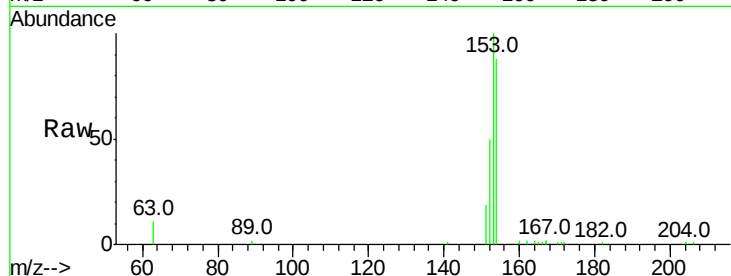
Tot Ion:154 Resp: 7664

Ion Ratio Lower Upper

154 100

153 113.9 91.8 137.6

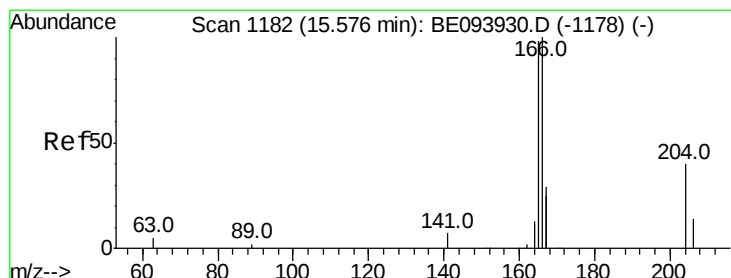
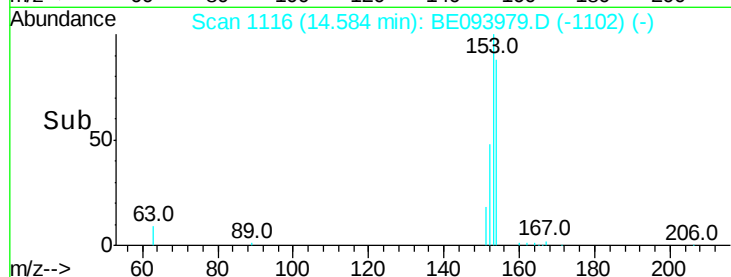
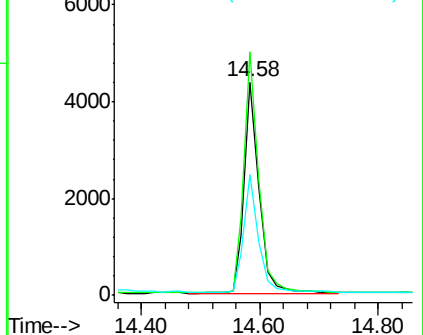
152 55.2 44.9 67.3



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: 0.402 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

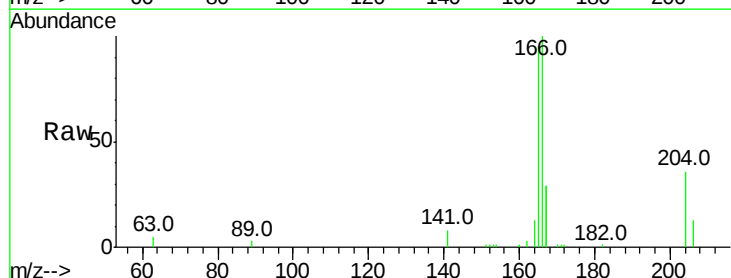
Tgt Ion:166 Resp: 9836

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.0

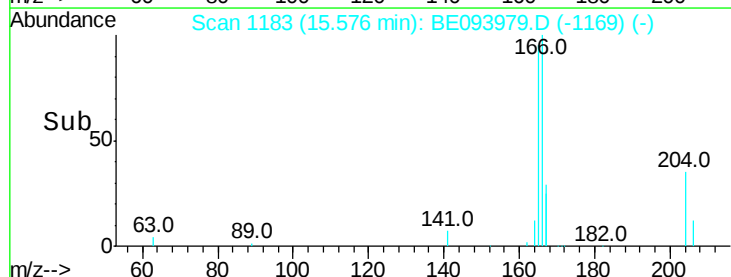
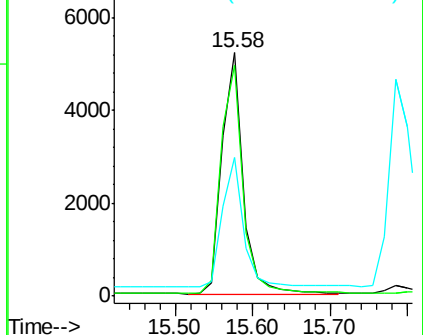
167 53.6 43.5 65.3

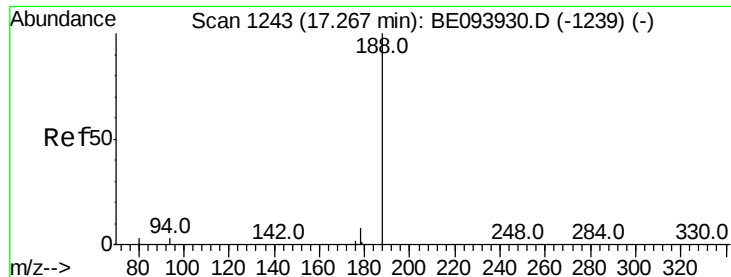


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

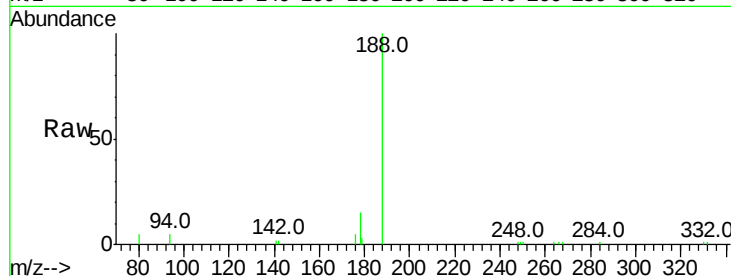
Tot Ion:188 Resp: 10520

Ion Ratio Lower Upper

188 100

94 5.4 16.1 24.1#

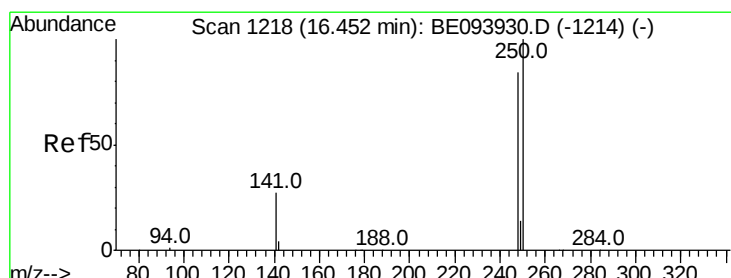
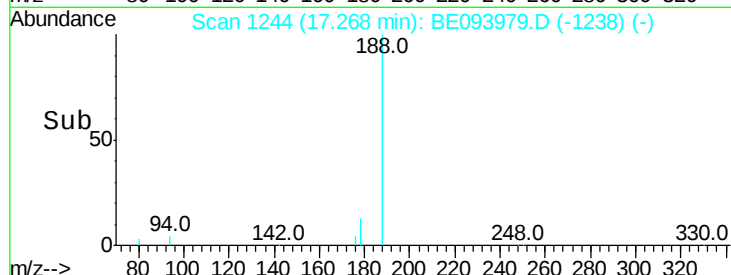
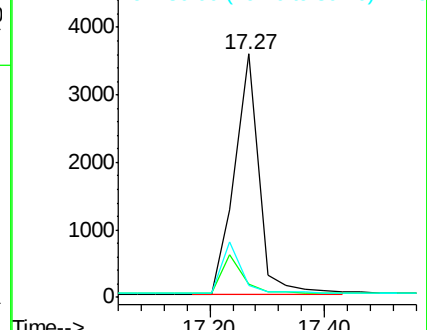
80 5.2 18.2 27.2#



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: 0.426 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

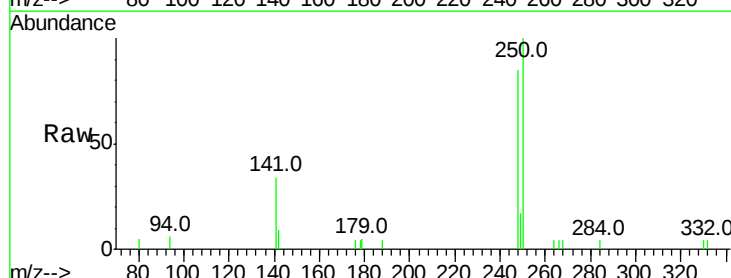
Tgt Ion:248 Resp: 2568

Ion Ratio Lower Upper

248 100

250 117.3 111.8 167.8

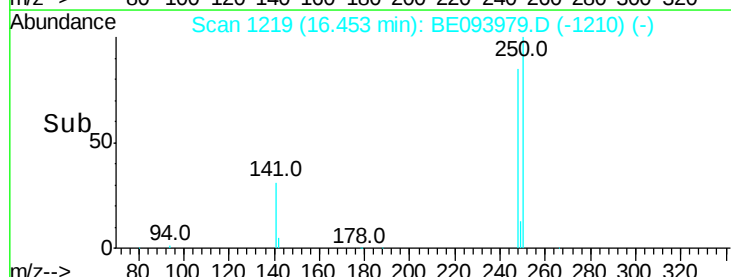
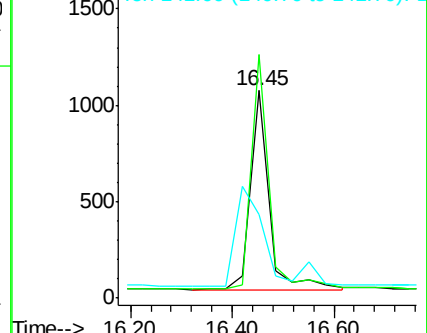
141 40.2 27.1 40.7



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: 0.361 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

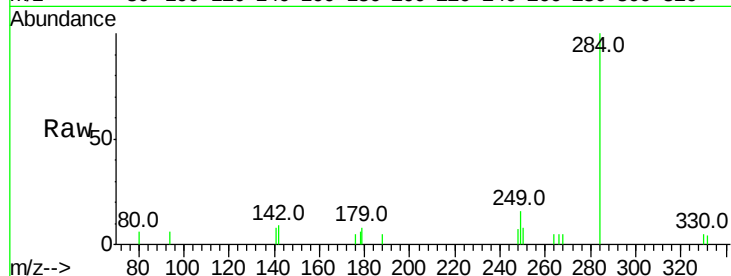
Tot Ion:284 Resp: 2243

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

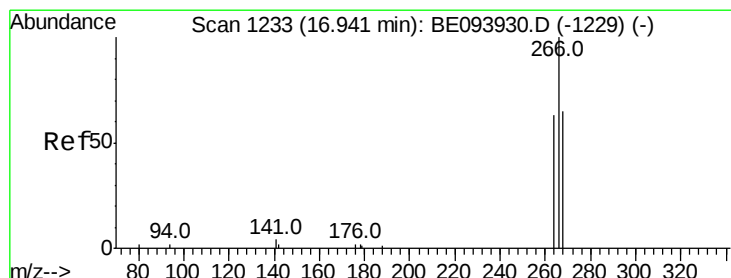
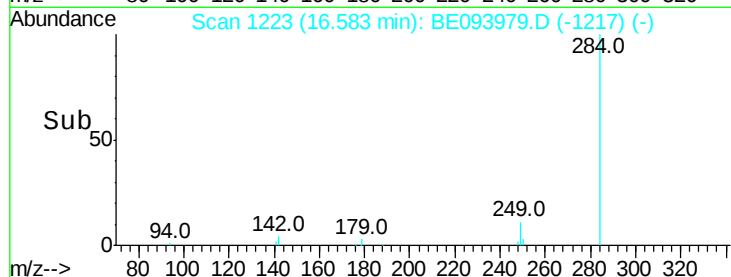
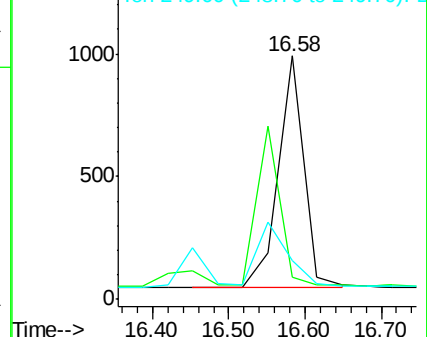
249 0.0 0.0 0.0



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: 0.399 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

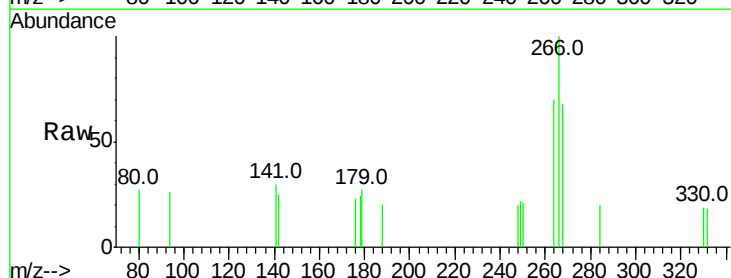
Tgt Ion:266 Resp: 665

Ion Ratio Lower Upper

266 100

264 70.0 53.5 80.3

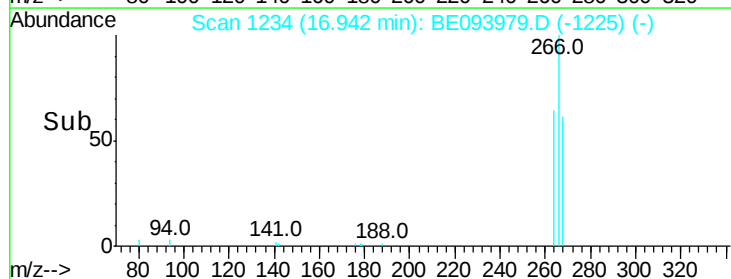
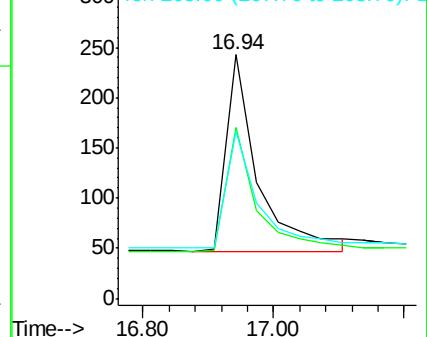
268 68.3 60.0 90.0

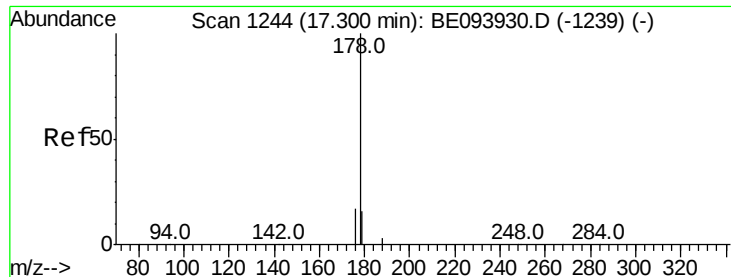


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.528 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

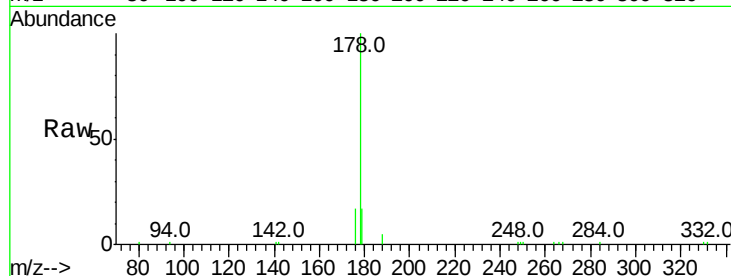
Tot Ion:178 Resp: 17190

Ion Ratio Lower Upper

178 100

176 18.6 0.0 0.0#

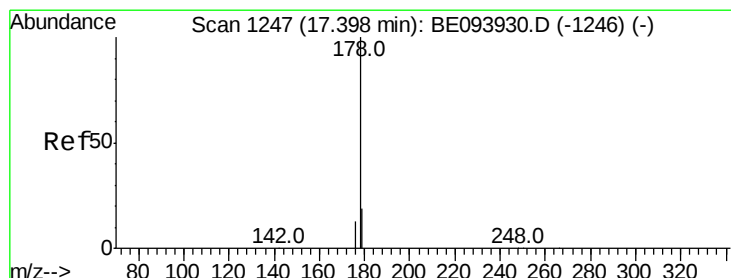
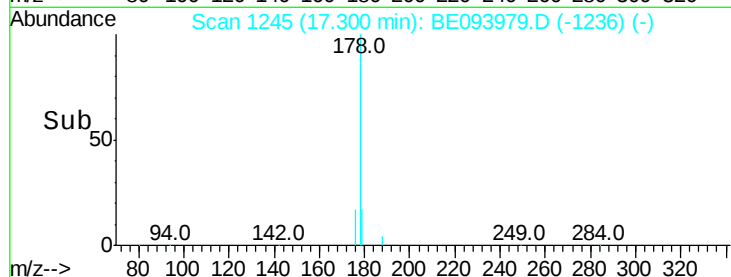
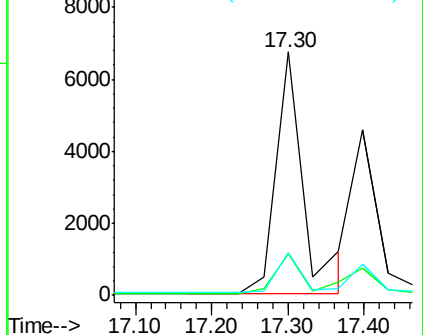
179 15.9 12.6 18.8



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: 0.327 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

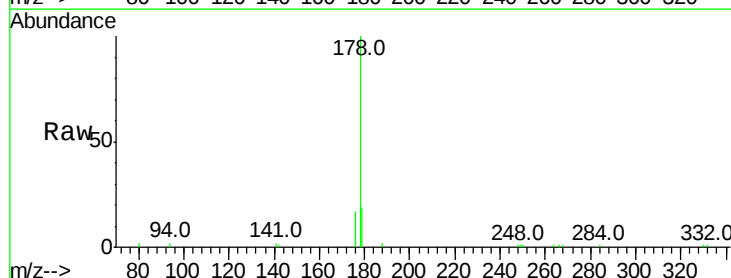
Tgt Ion:178 Resp: 10472

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

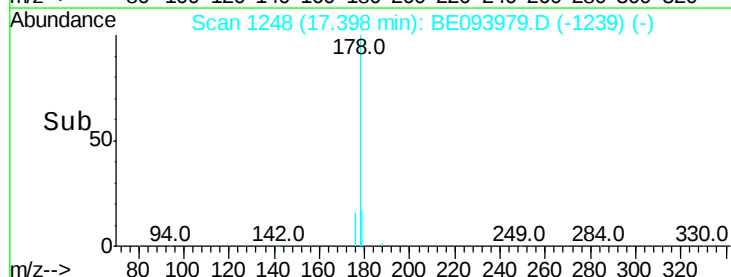
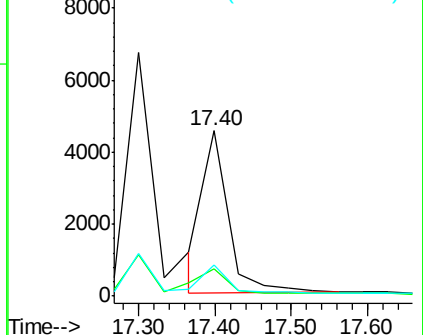
179 17.5 0.0 0.0#

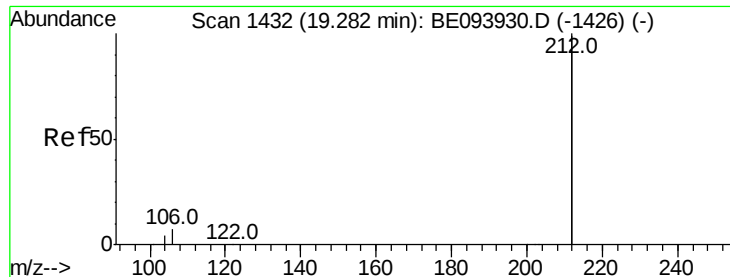


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

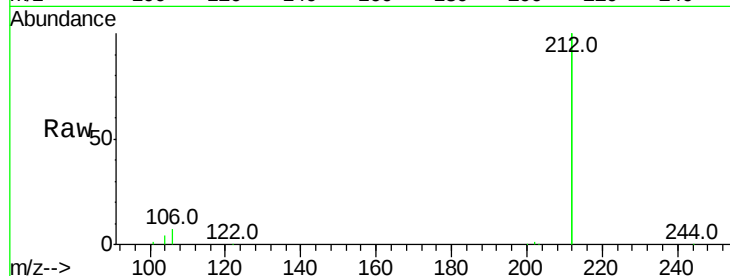
Tot Ion:212 Resp: 60523

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

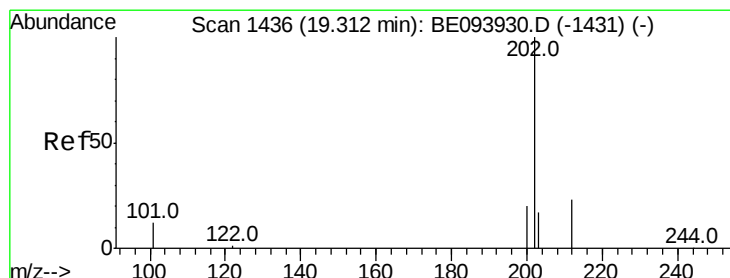
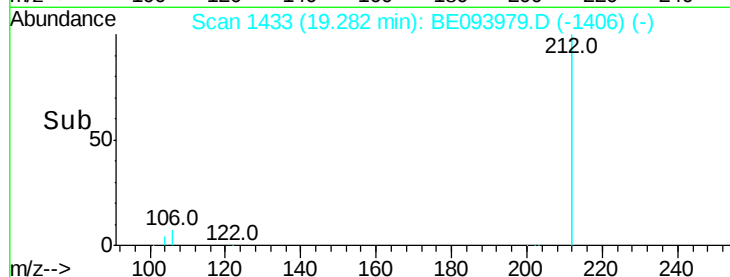
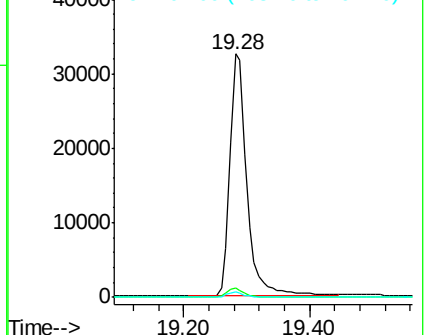
104 1.9 1.6 2.4



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: 0.384 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

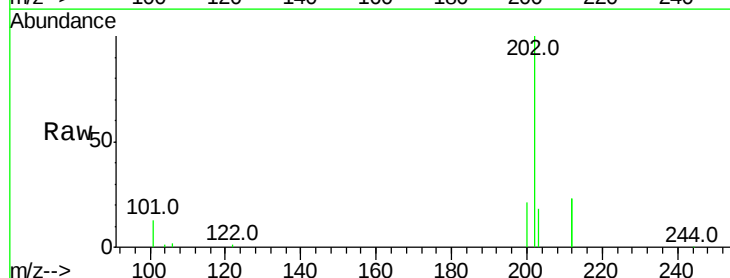
Tgt Ion:202 Resp: 17995

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

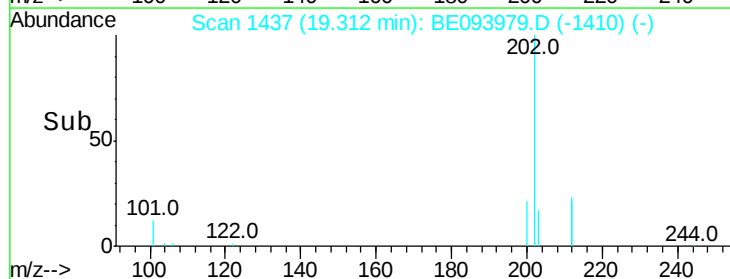
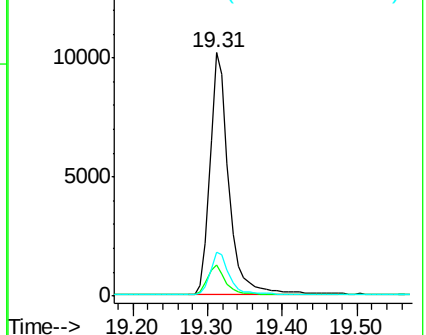
203 17.4 13.7 20.5



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: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

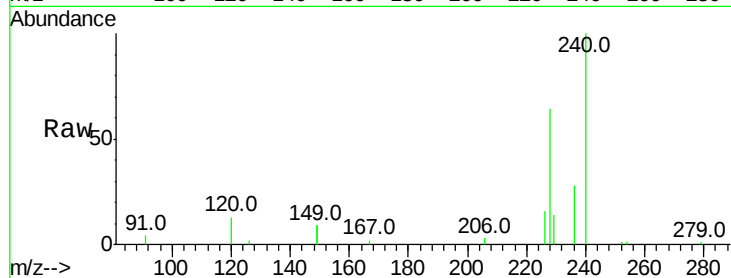
Tot Ion:240 Resp: 13689

Ion Ratio Lower Upper

240 100

120 13.4 8.7 13.1#

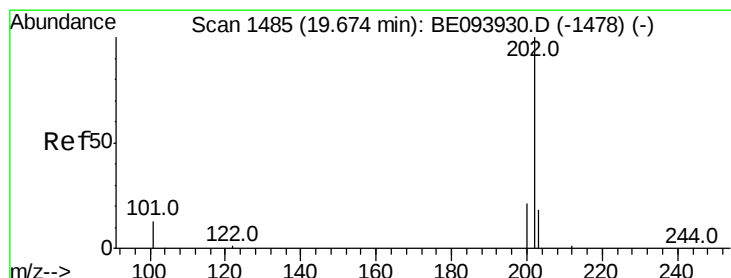
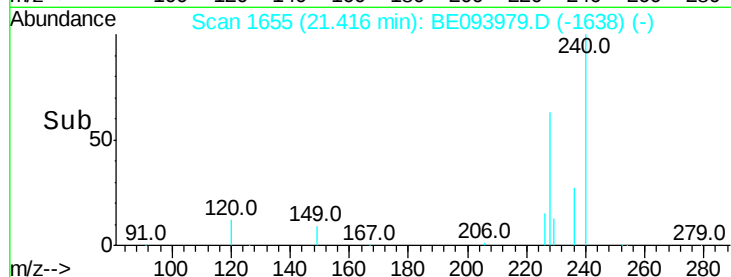
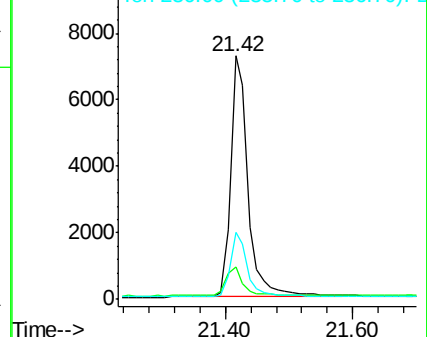
236 27.5 21.3 31.9



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: 0.399 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

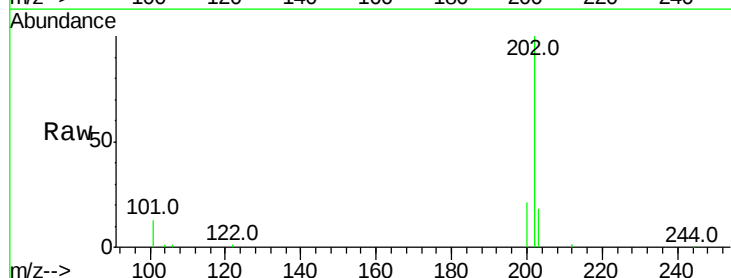
Tgt Ion:202 Resp: 18814

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

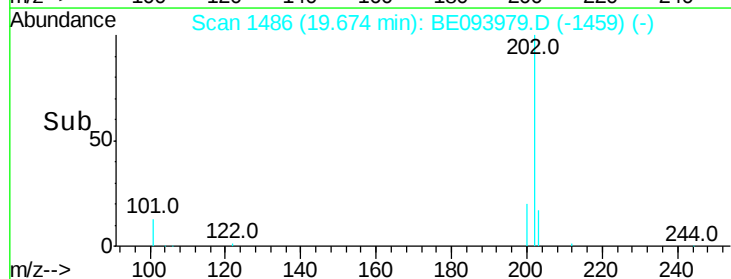
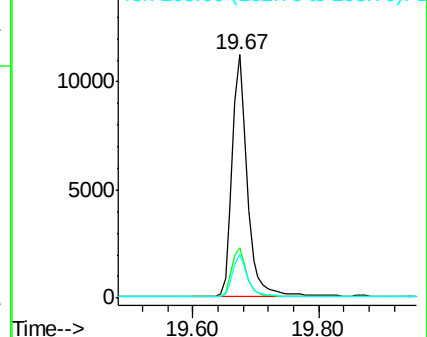
203 17.4 14.2 21.4



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: 0.398 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

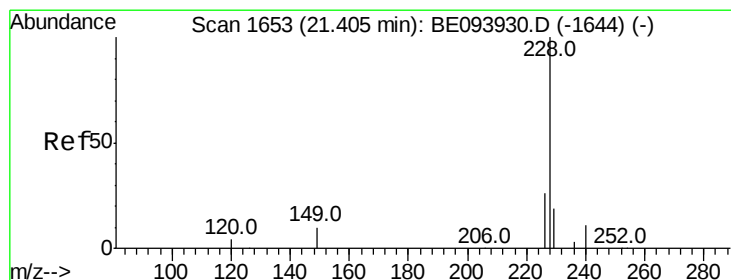
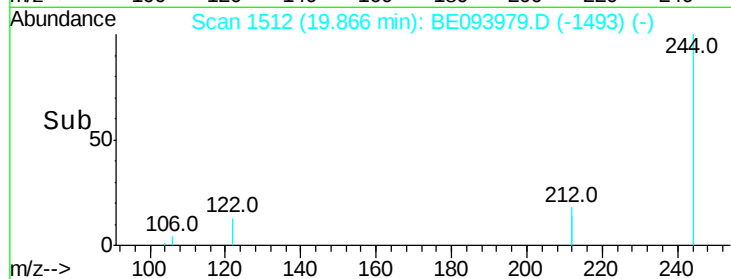
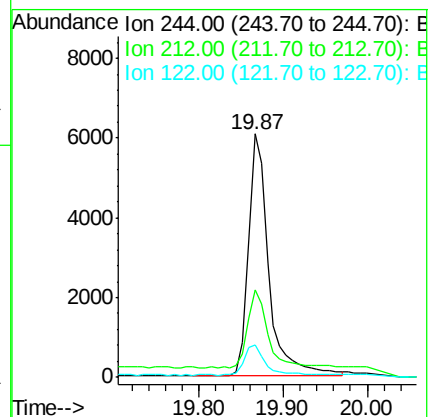
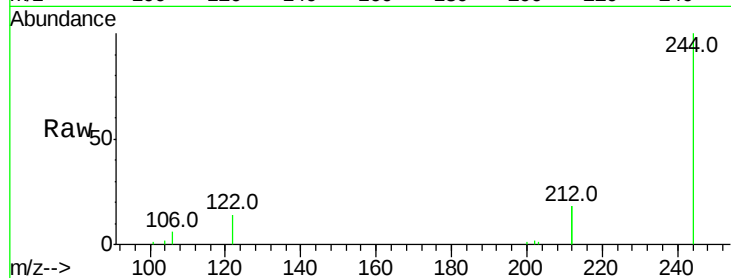
Tot Ion:244 Resp: 10031

Ion Ratio Lower Upper

244 100

212 36.1 28.3 42.5

122 13.5 9.4 14.0



#30

Benzo(a)anthracene

Concen: 0.372 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

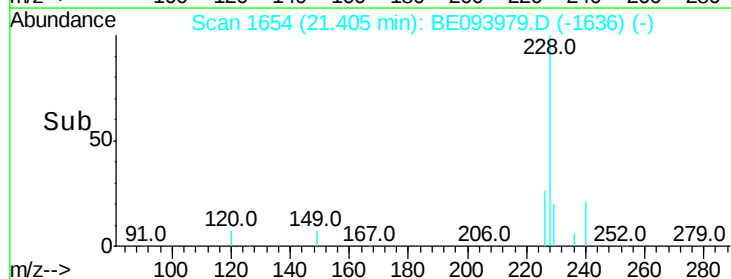
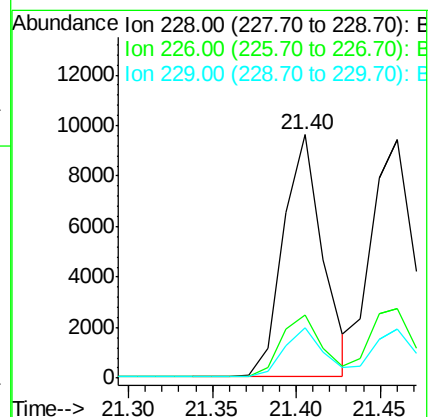
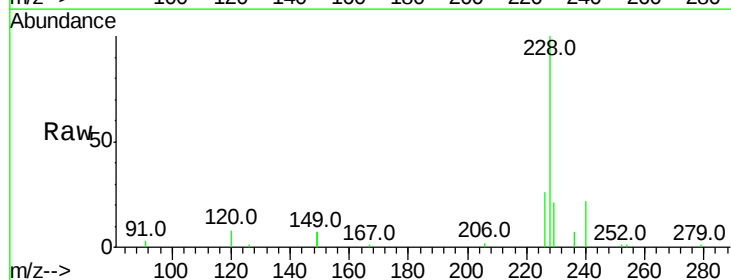
Tgt Ion:228 Resp: 15660

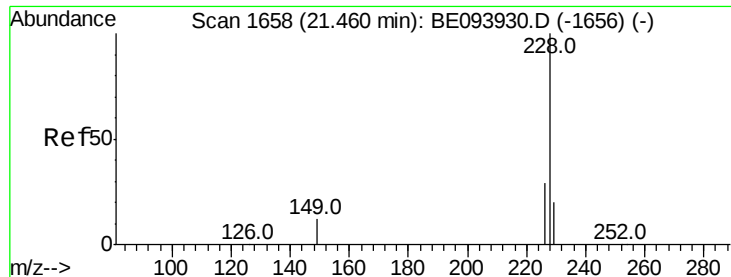
Ion Ratio Lower Upper

228 100

226 26.2 20.8 31.2

229 20.6 16.6 25.0





#31

Chrysene

Concen: 0.413 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

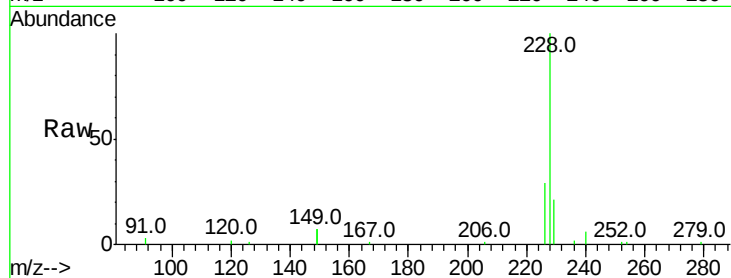
Tot Ion:228 Resp: 18350

Ion Ratio Lower Upper

228 100

226 29.2 24.6 37.0

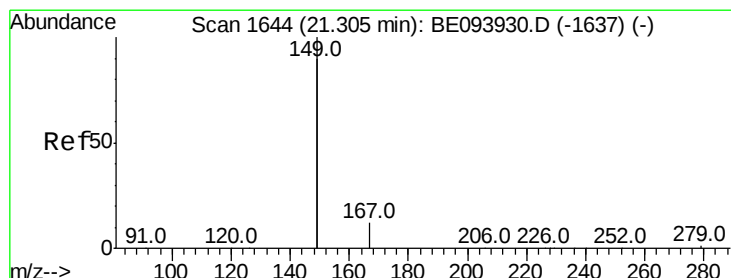
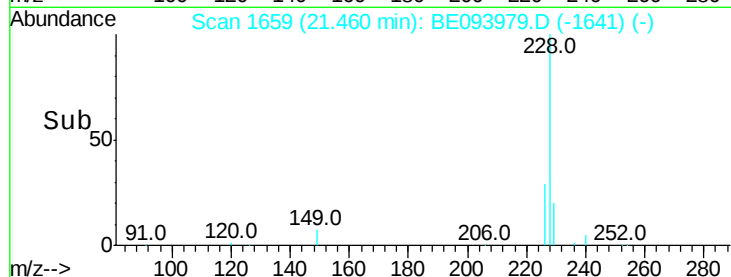
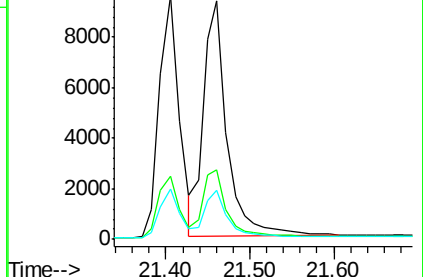
229 20.6 15.8 23.8



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: 0.342 ng

RT: 21.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

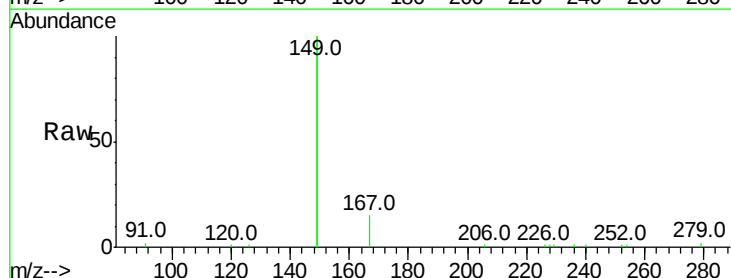
Tgt Ion:149 Resp: 34875

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

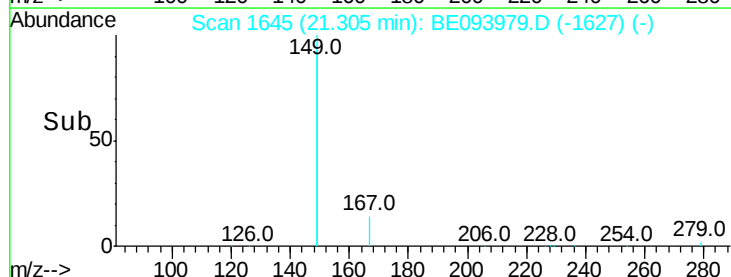
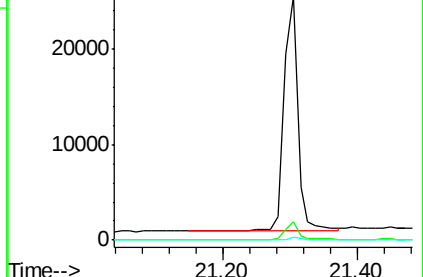
279 1.0 0.7 1.1



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

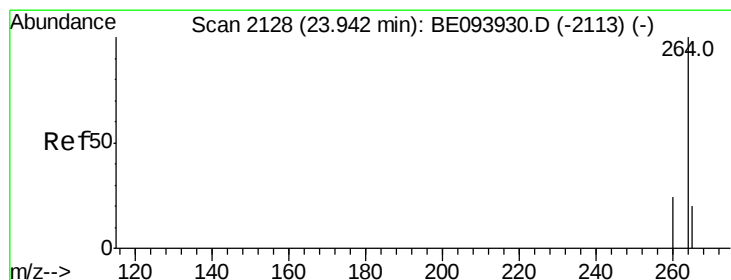
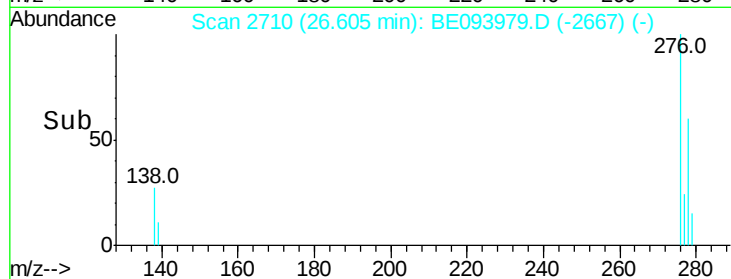
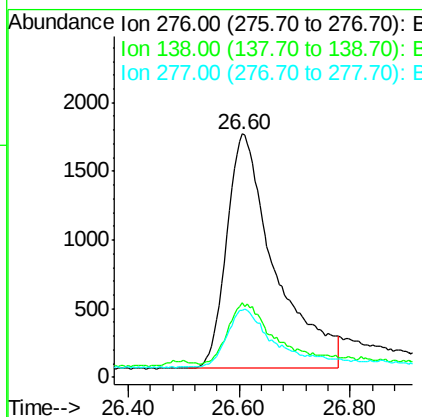
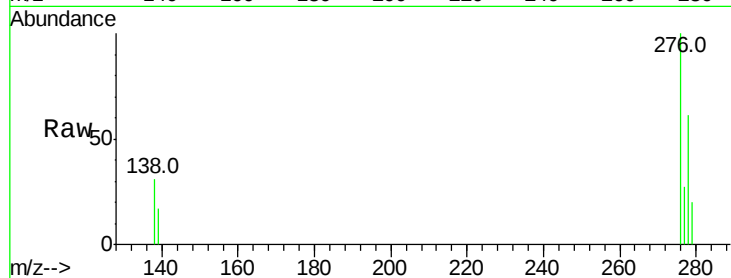




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

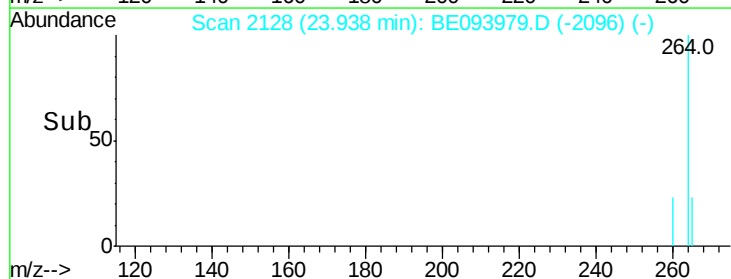
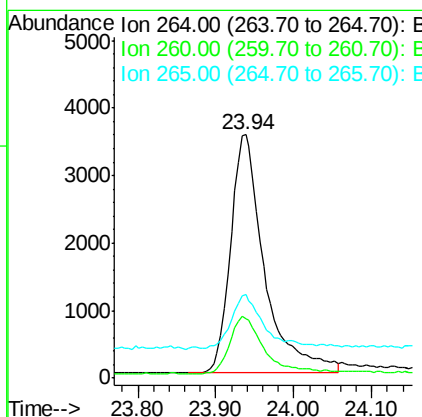
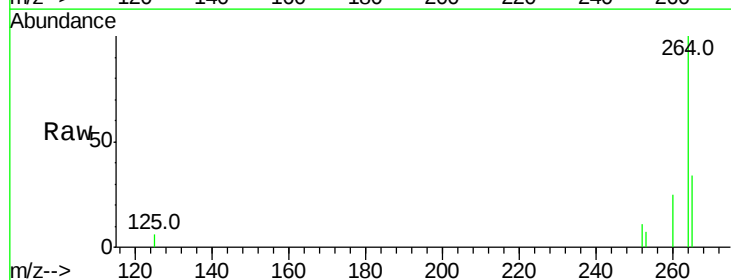
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 10238
Ion Ratio Lower Upper
276 100
138 25.4 22.2 33.2
277 24.4 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: BE093979.D
Acq: 12 Sep 2017 1:11

Tgt Ion:264 Resp: 10637
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 34.2 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

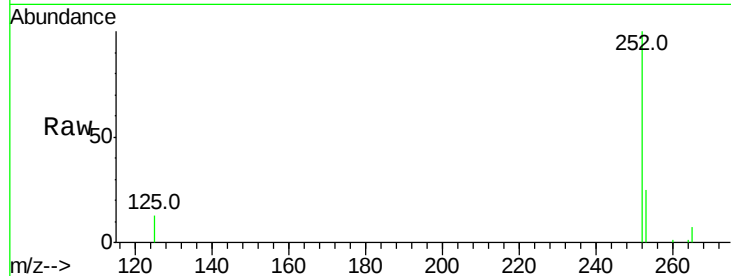
Tot Ion:252 Resp: 13684

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.0

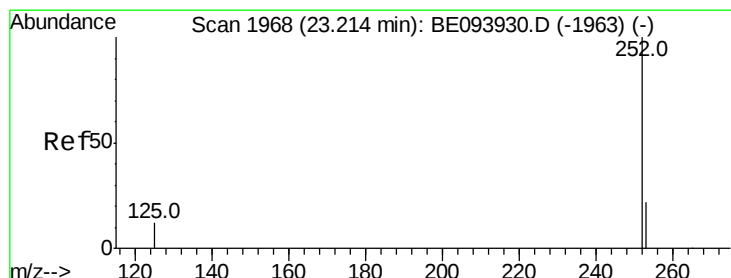
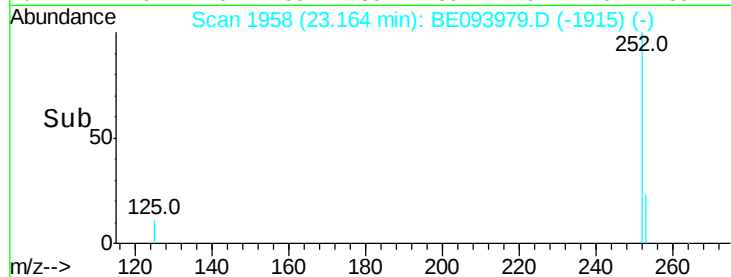
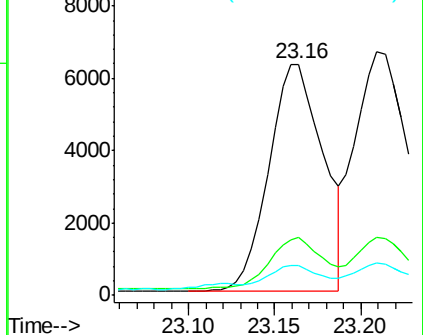
125 13.1 10.0 15.0



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: 0.428 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093979.D

Acq: 12 Sep 2017 1:11

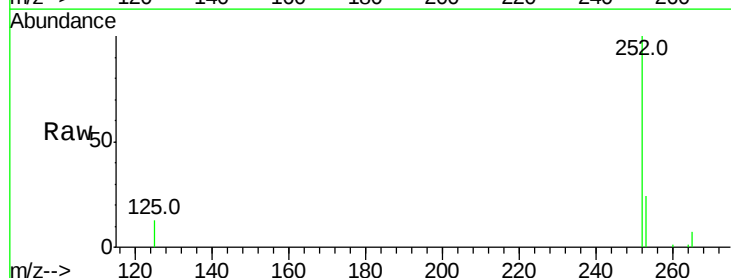
Tgt Ion:252 Resp: 17766

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

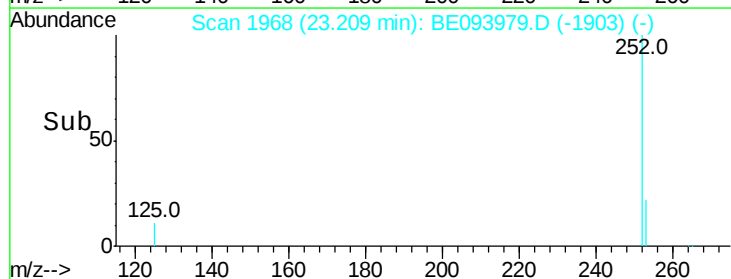
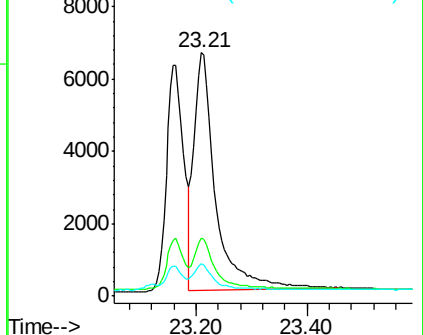
125 13.2 9.8 14.6



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

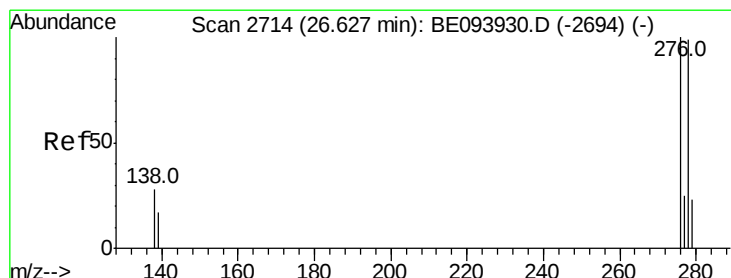
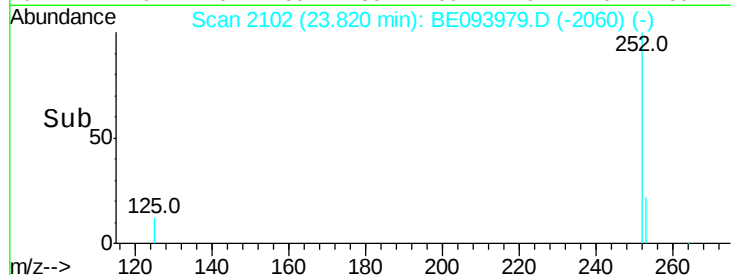
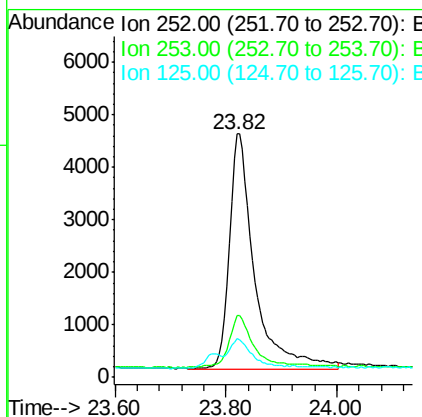
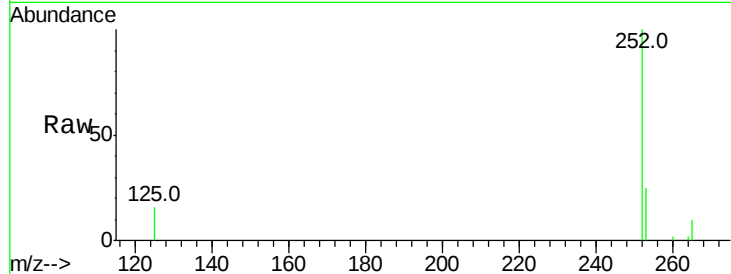




#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

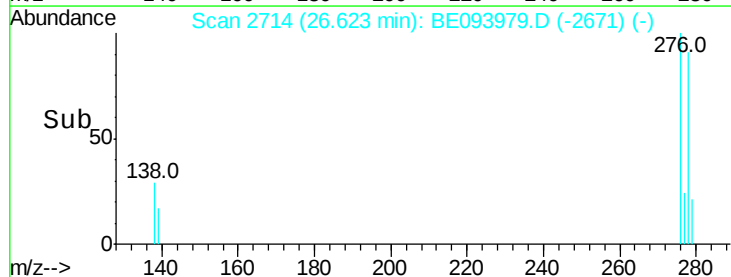
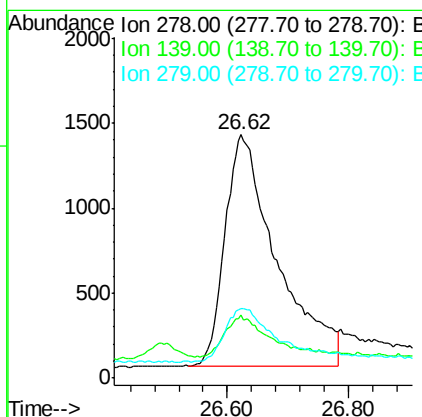
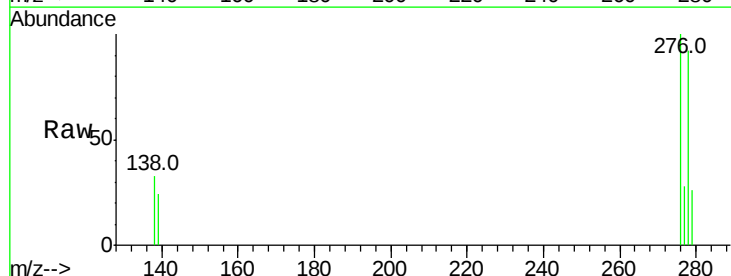
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

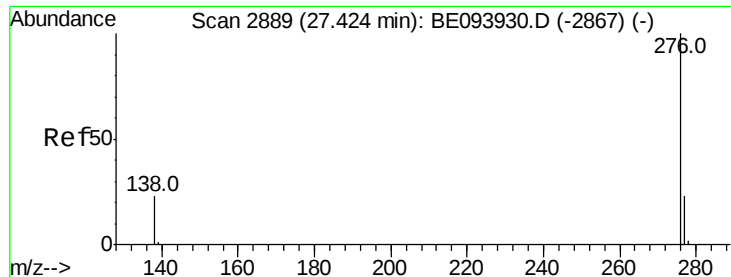
Tot Ion:252 Resp: 14028
Ion Ratio Lower Upper
252 100
253 25.2 19.6 29.4
125 15.7 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.62 min Scan# 2714
Delta R.T. -0.00 min
Lab File: BE093979.D
Acq: 12 Sep 2017 1:11

Tgt Ion:278 Resp: 8140
Ion Ratio Lower Upper
278 100
139 25.8 16.7 25.1#
279 28.8 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093979.D

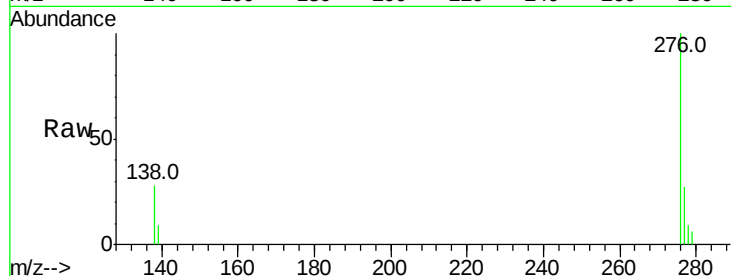
Acq: 12 Sep 2017 1:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



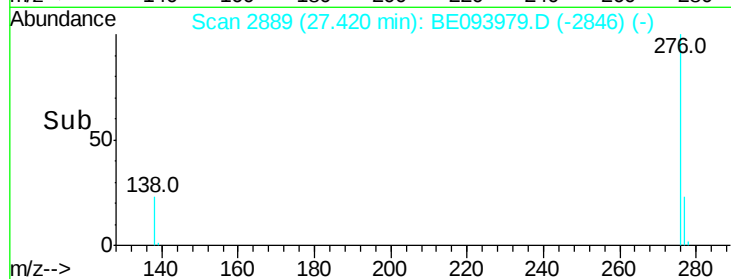
Tot Ion:276 Resp: 9226

Ion Ratio Lower Upper

276 100

277 26.8 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

