

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093971.D
 Acq On : 11 Sep 2017 20:13
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 12 07:44:00 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	1888	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9724	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5658	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10035	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13731	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11044	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2454	0.40	ng	0.00
5) Phenol-d6	7.11	99	3569	0.39	ng	0.00
8) Nitrobenzene-d5	9.08	82	3306	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6438	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	737	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8998	0.40	ng	0.00
25) Fluoranthene-d10	19.28	212	61300	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	10194	0.40	ng	0.00

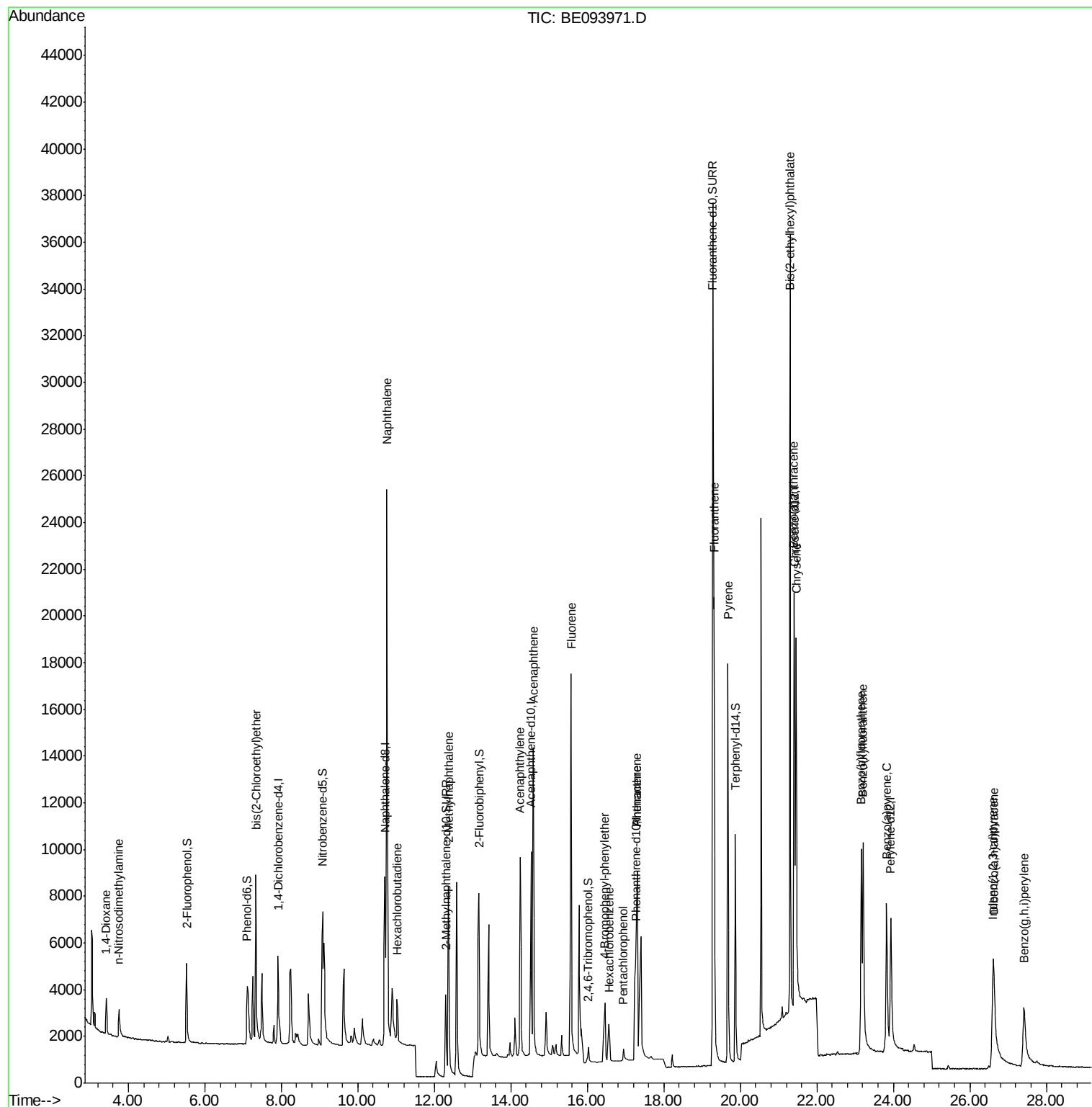
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1132	0.435	ng	97
3) n-Nitrosodimethylamine	3.75	42	1184	0.388	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	3015	0.403	ng	87
9) Naphthalene	10.76	128	45482	0.408	ng	100
10) Hexachlorobutadiene	11.02	225	1617	0.399	ng	98
12) 2-Methylnaphthalene	12.37	142	7647	0.413	ng	98
16) Acenaphthylene	14.24	152	11145	0.395	ng	100
17) Acenaphthene	14.58	154	7781	0.408	ng	97
18) Fluorene	15.58	166	9673	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	2376	0.410	ng	88
21) Hexachlorobenzene	16.58	284	2059	0.348	ng	# 100
22) Pentachlorophenol	16.94	266	726	0.456	ng	99
23) Phenanthrene	17.30	178	17225	0.564	ng	# 100
24) Anthracene	17.30	178	17170	0.562	ng	# 83
26) Fluoranthene	19.31	202	18177	0.406	ng	100
28) Pyrene	19.67	202	18950	0.401	ng	100
30) Benzo(a)anthracene	21.40	228	16086	0.381	ng	99
31) Chrysene	21.46	228	18598	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	41293	0.403	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	10856	0.365	ng	95
35) Benzo(b)fluoranthene	23.16	252	13756	0.391	ng	99
36) Benzo(k)fluoranthene	23.21	252	18366	0.426	ng	97
37) Benzo(a)pyrene	23.82	252	14405	0.402	ng	97
38) Dibenzo(a,h)anthracene	26.62	278	8997	0.379	ng	# 93
39) Benzo(g,h,i)perylene	27.41	276	9572	0.382	ng	98

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

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Quant Time: Sep 12 07:44:00 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: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

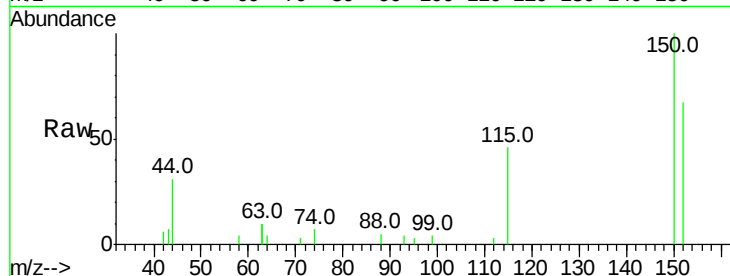
Tot Ion:152 Resp: 1888

Ion Ratio Lower Upper

152 100

150 149.1 121.8 182.6

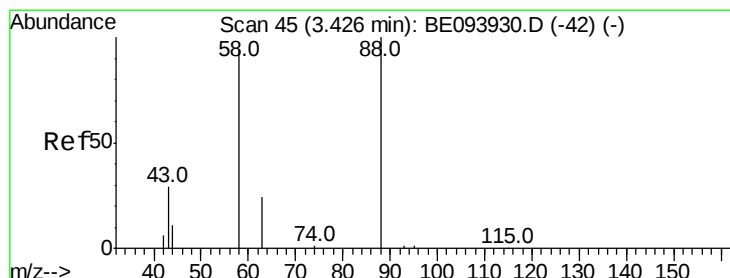
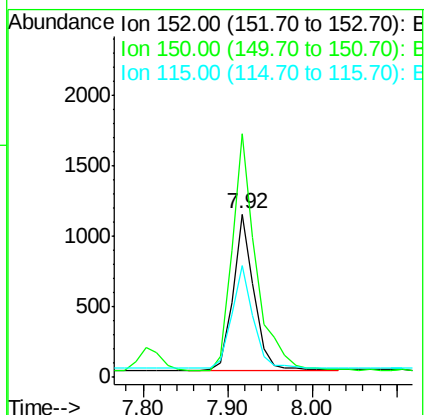
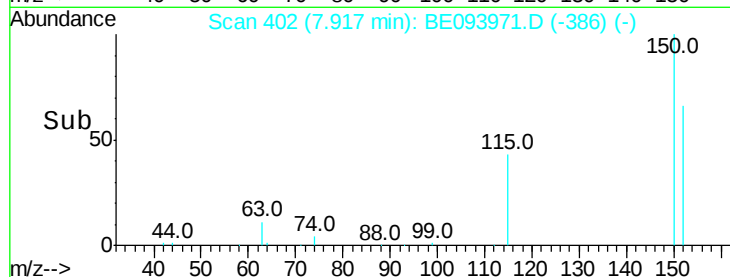
115 68.7 52.6 79.0



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: 0.435 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

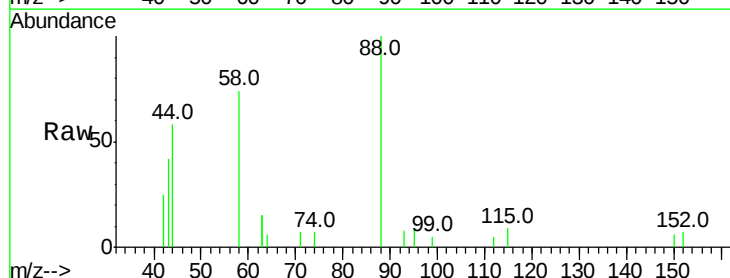
Tgt Ion: 88 Resp: 1132

Ion Ratio Lower Upper

88 100

58 78.1 65.4 98.0

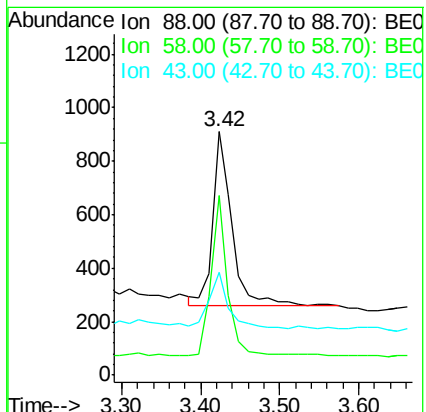
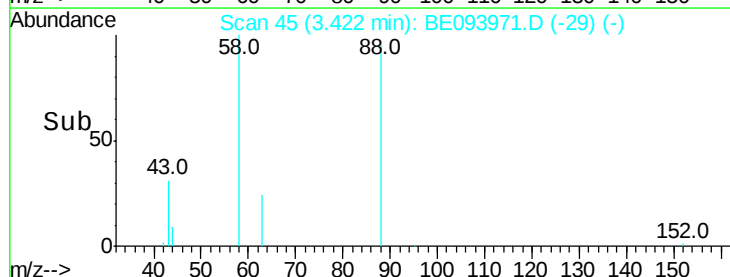
43 30.5 23.9 35.9



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



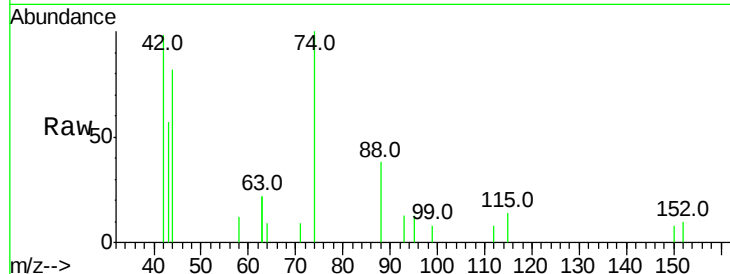


#3

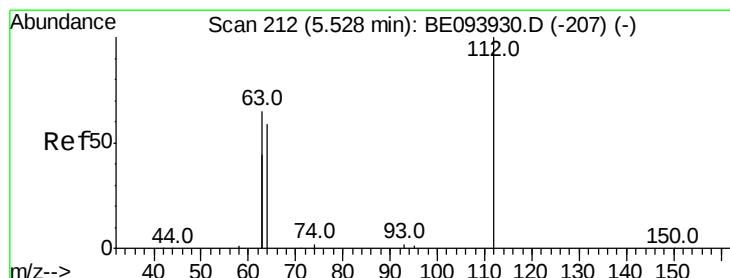
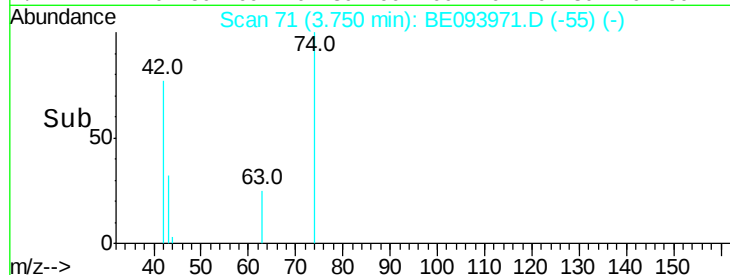
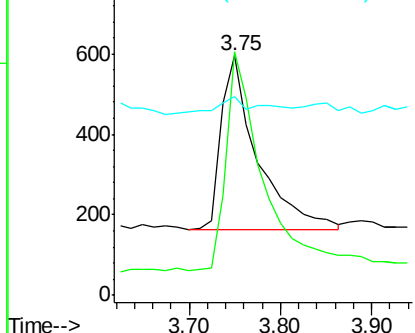
n-Nitrosodimethylamine
 Concen: 0.388 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 1184
 Ion Ratio Lower Upper
 42 100
 74 134.0 104.0 156.0
 44 7.3 13.8 20.8#



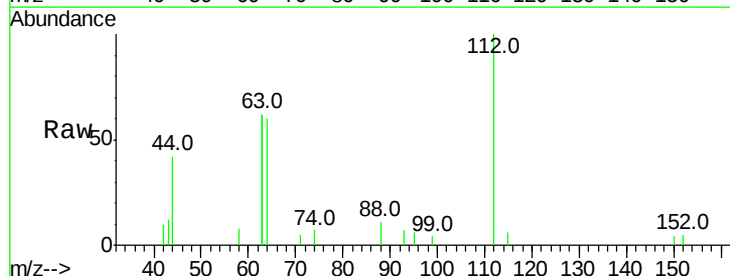
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



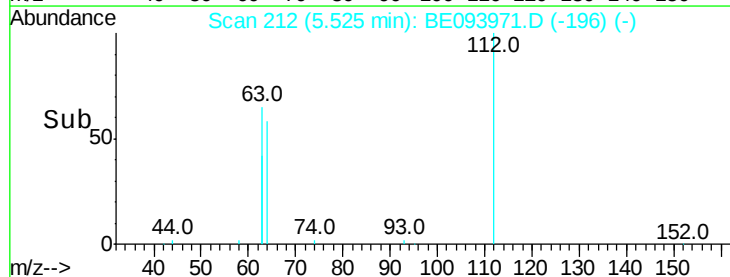
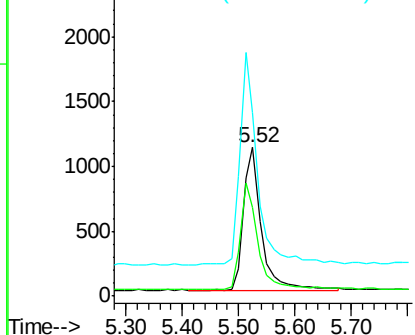
#4

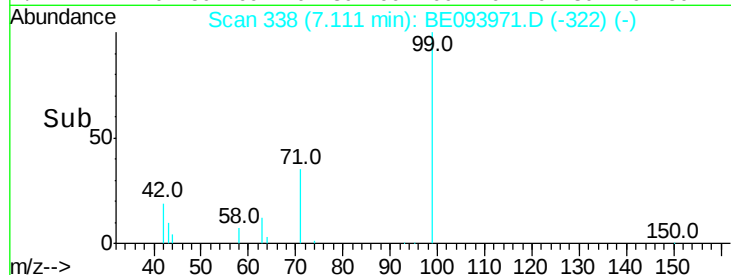
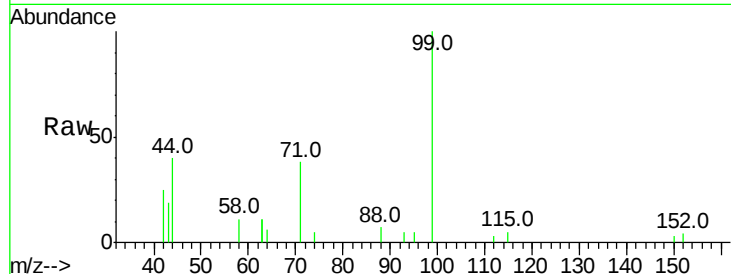
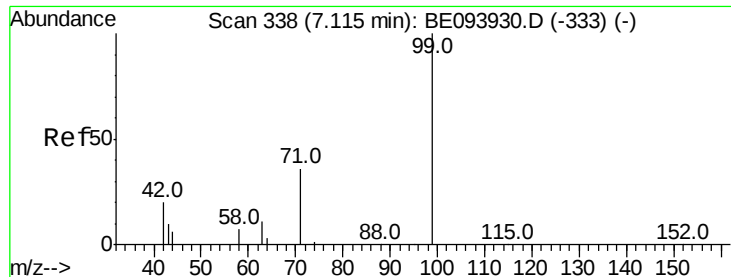
2-Fluorophenol
 Concen: 0.402 ng
 RT: 5.52 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

Tgt Ion: 112 Resp: 2454
 Ion Ratio Lower Upper
 112 100
 64 73.9 57.7 86.5
 63 146.7 116.0 174.0



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: 0.390 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

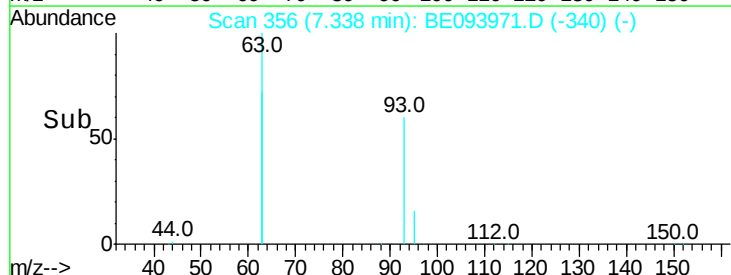
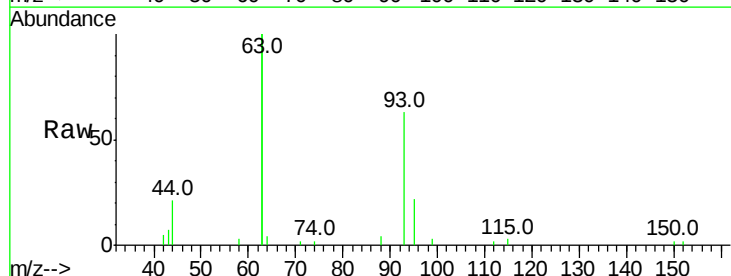
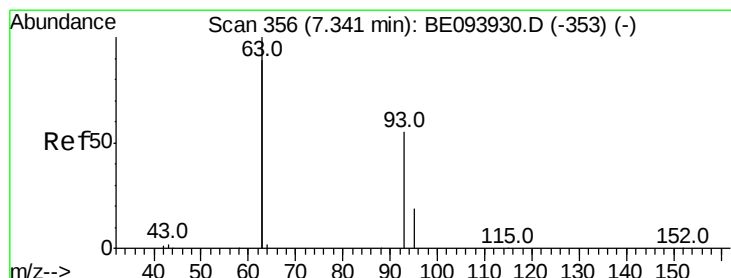
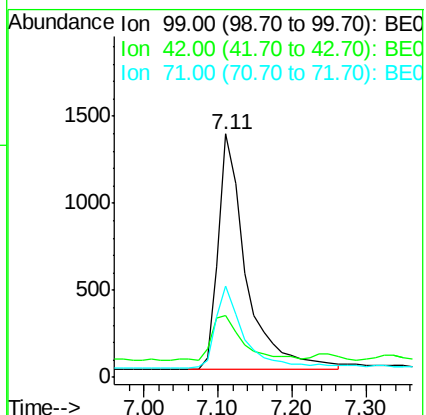
Tot Ion: 99 Resp: 3569

Ion Ratio Lower Upper

99 100

42 21.2 17.1 25.7

71 35.3 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

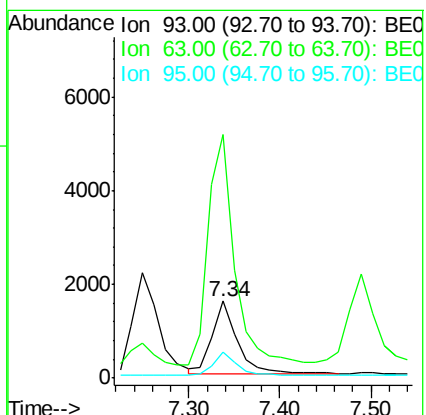
Tgt Ion: 93 Resp: 3015

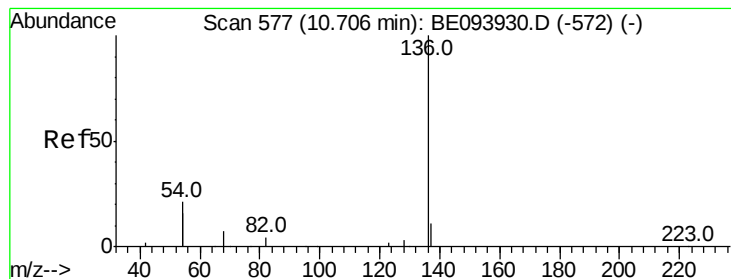
Ion Ratio Lower Upper

93 100

63 324.2 283.4 425.2

95 30.0 26.9 40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9724

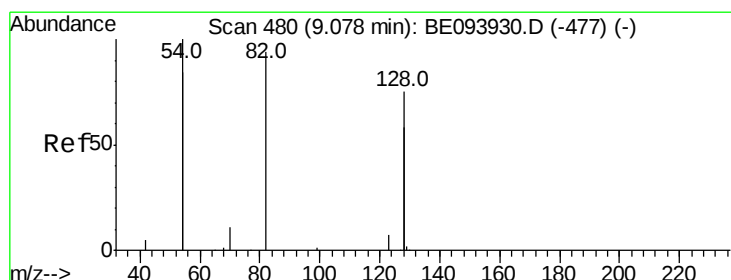
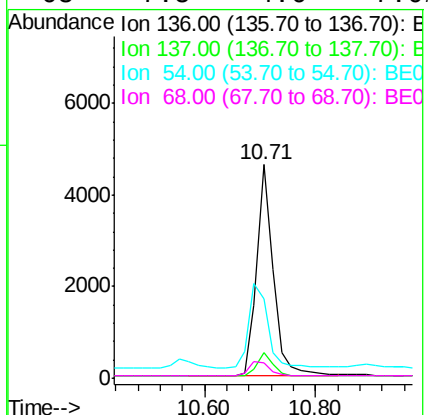
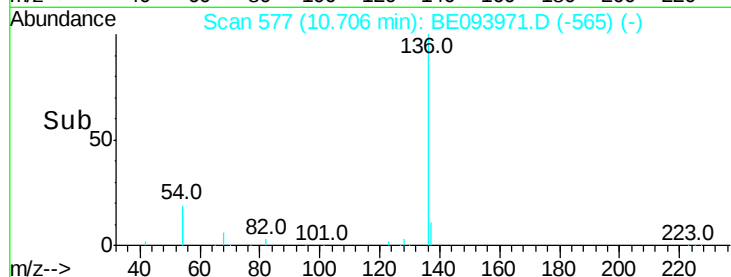
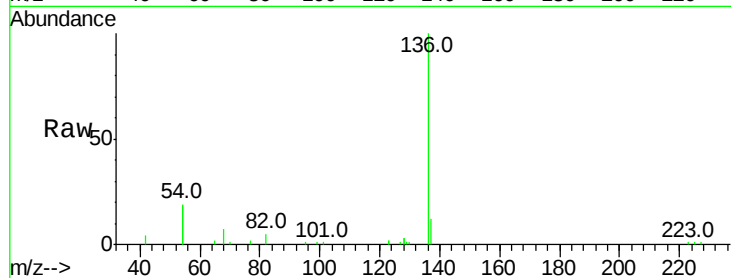
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 37.2 21.9 32.9#

68 7.5 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

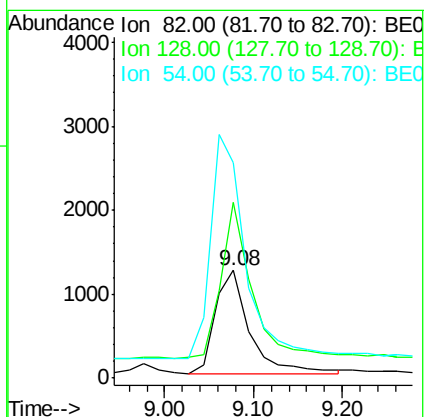
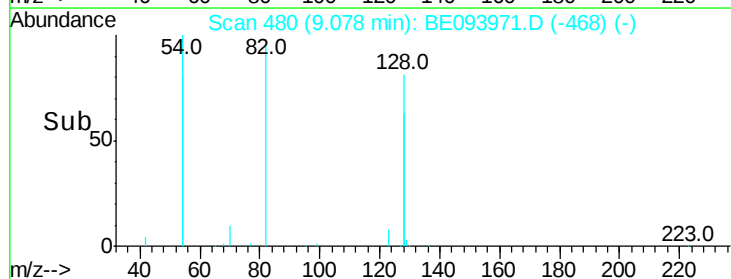
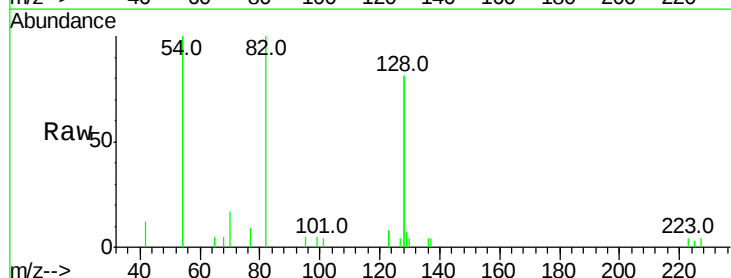
Tgt Ion: 82 Resp: 3306

Ion Ratio Lower Upper

82 100

128 163.3 91.4 137.0#

54 200.6 197.8 296.8





#9

Naphthalene

Concen: 0.408 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

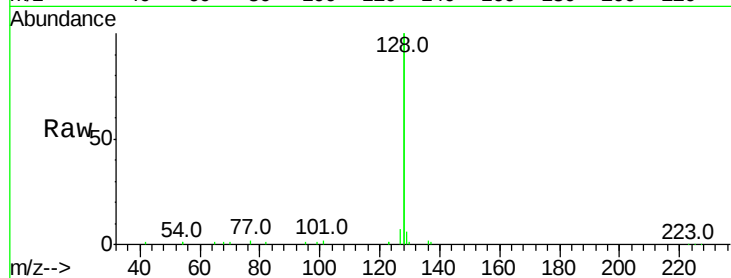
Tot Ion:128 Resp: 45482

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

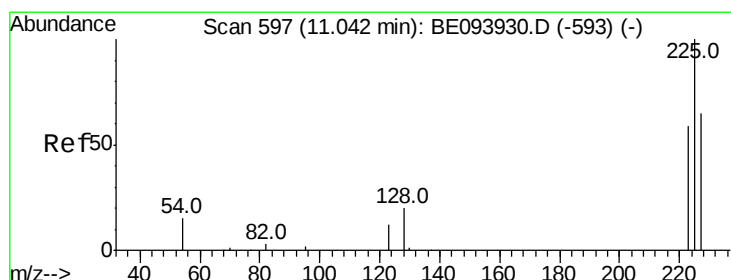
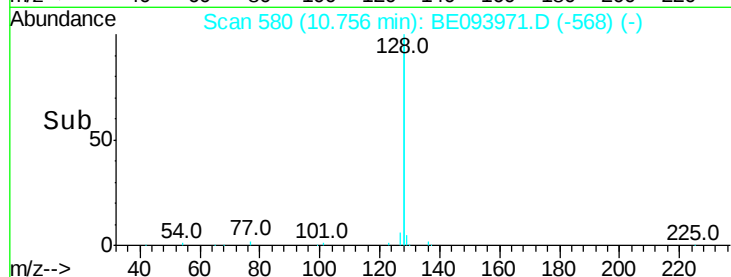
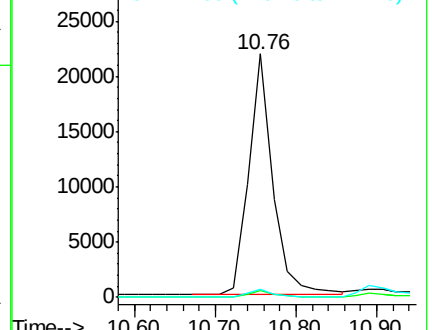
127 3.4 2.6 4.0



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: 0.399 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

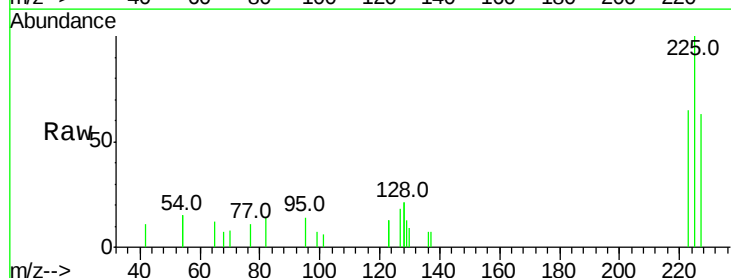
Tgt Ion:225 Resp: 1617

Ion Ratio Lower Upper

225 100

223 61.7 49.4 74.0

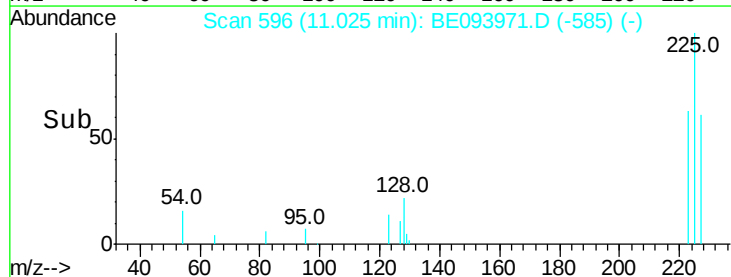
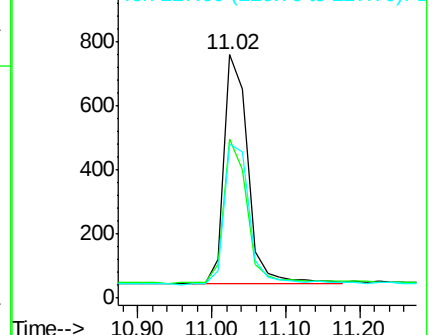
227 65.5 50.5 75.7



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: 0.414 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

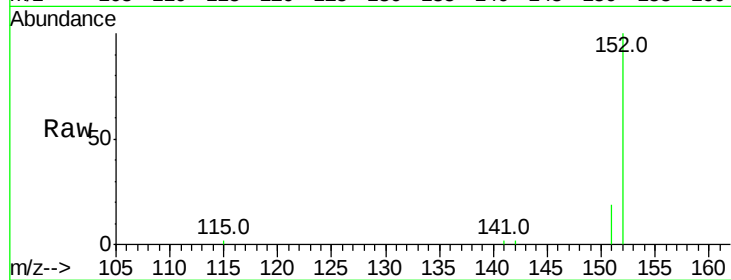
SSTDCCC0.4EC

Tot Ion:152 Resp: 6438

Ion Ratio Lower Upper

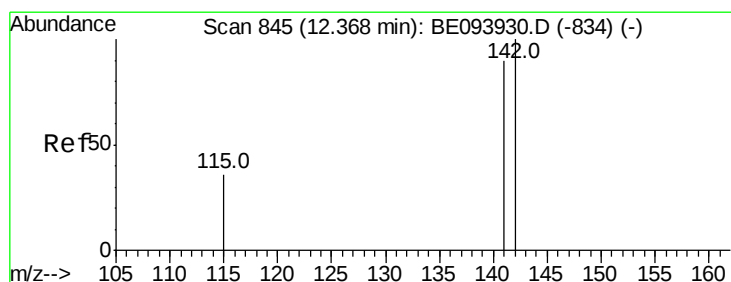
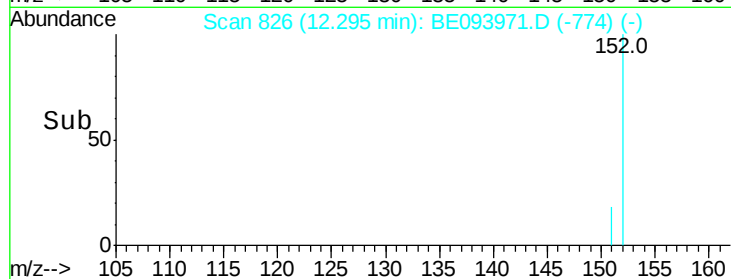
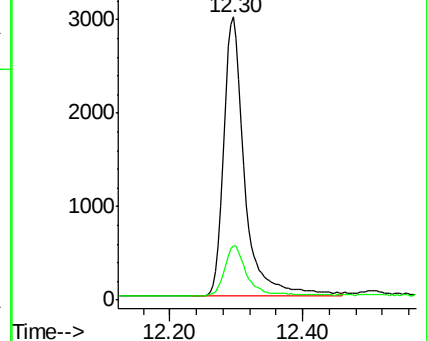
152 100

151 18.9 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: 0.413 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

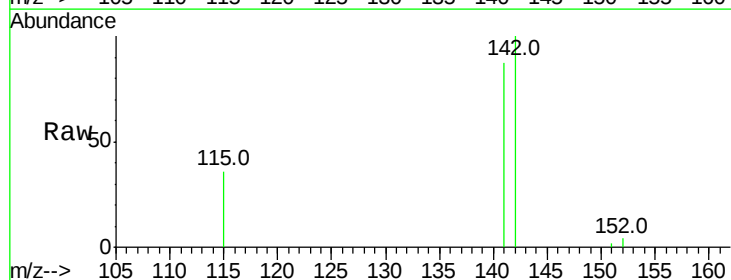
Tgt Ion:142 Resp: 7647

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2

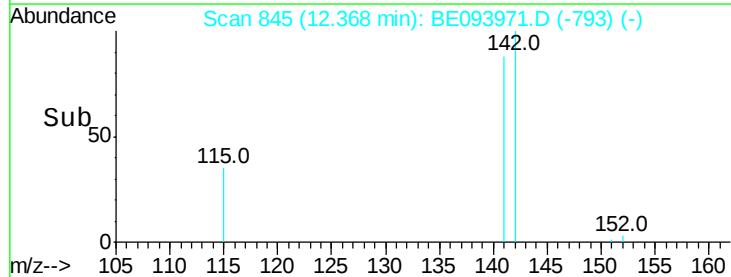
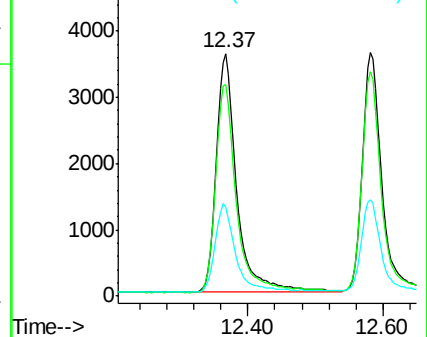
115 36.4 29.4 44.0



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

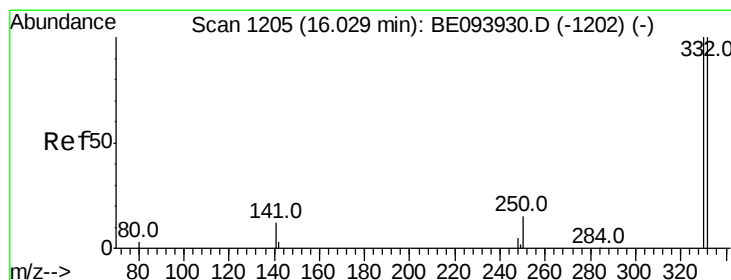
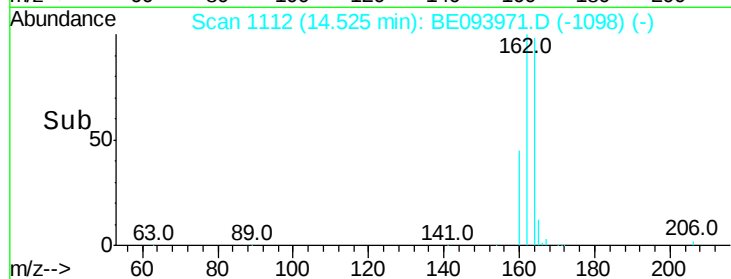
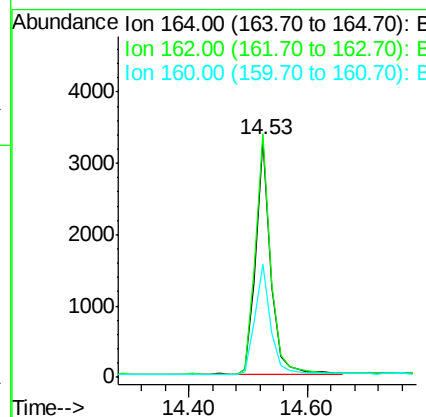
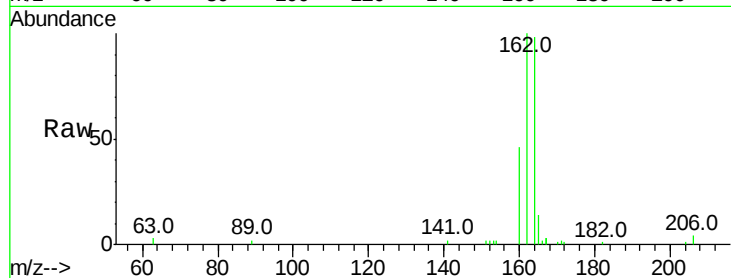




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

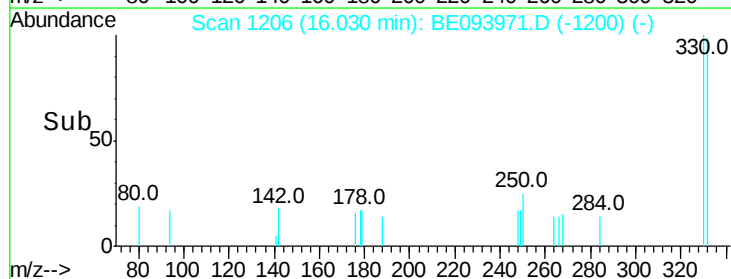
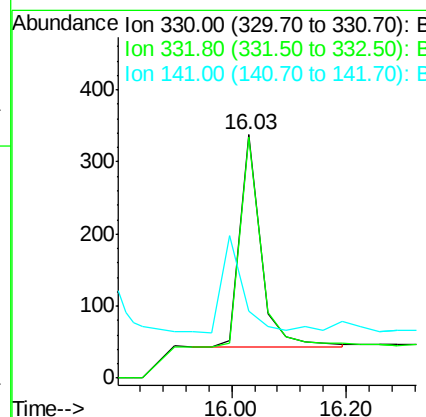
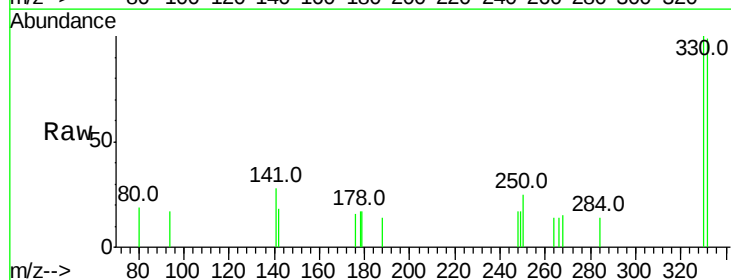
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

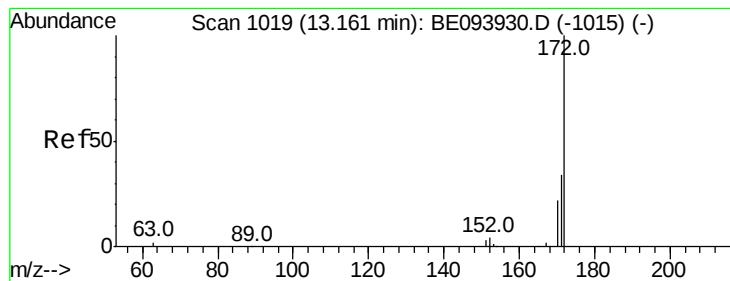
Tot Ion:164 Resp: 5658
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.8 121.2
 160 47.3 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.421 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

Tgt Ion:330 Resp: 737
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.9 115.3
 141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.402 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

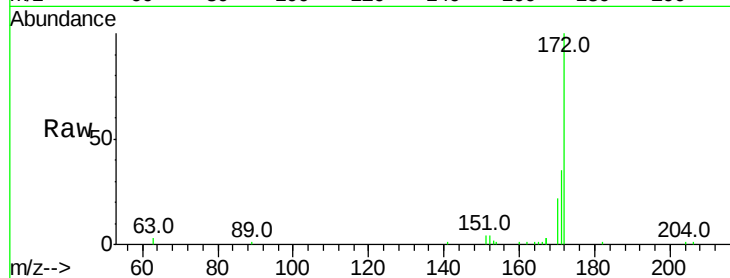
Tot Ion:172 Resp: 8998

Ion Ratio Lower Upper

172 100

171 34.5 26.9 40.3

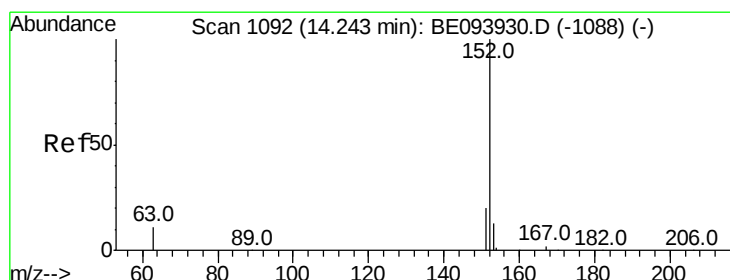
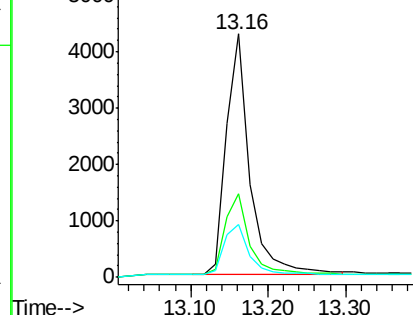
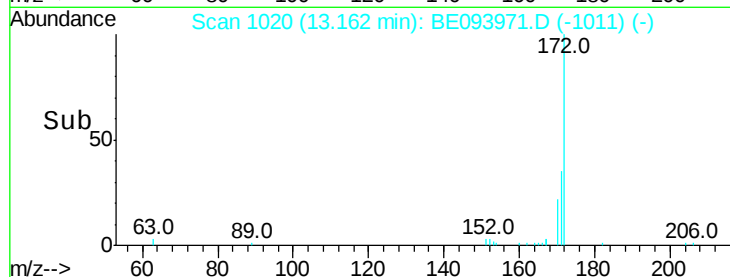
170 21.8 17.3 25.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.395 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

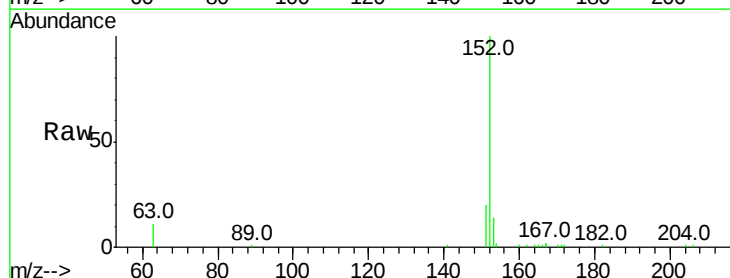
Tgt Ion:152 Resp: 11145

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

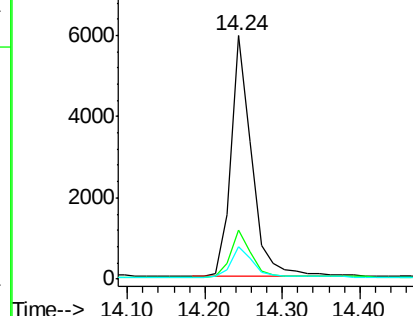
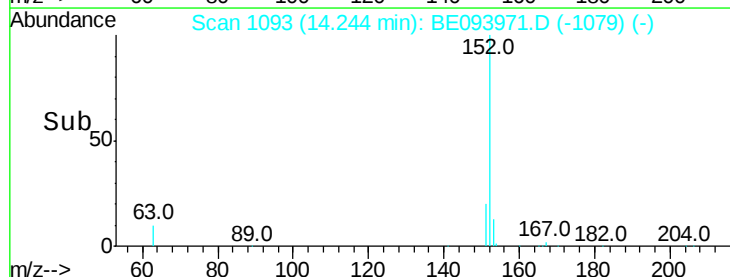
153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

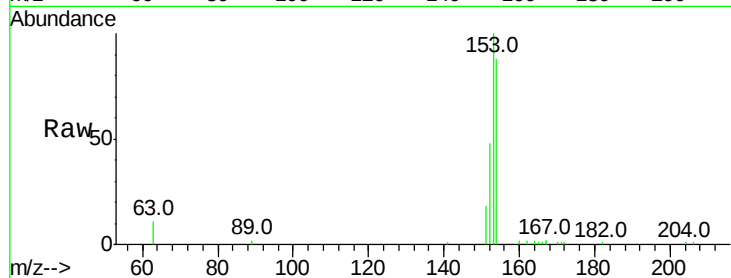
Tot Ion:154 Resp: 7781

Ion Ratio Lower Upper

154 100

153 112.0 91.8 137.6

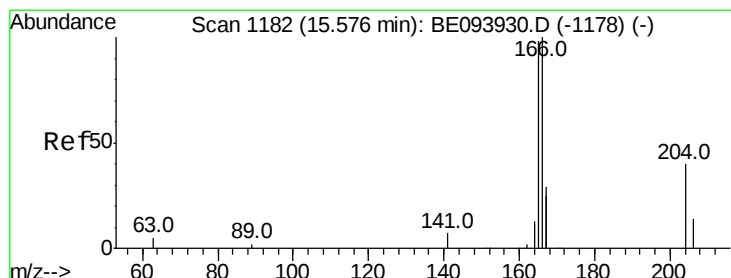
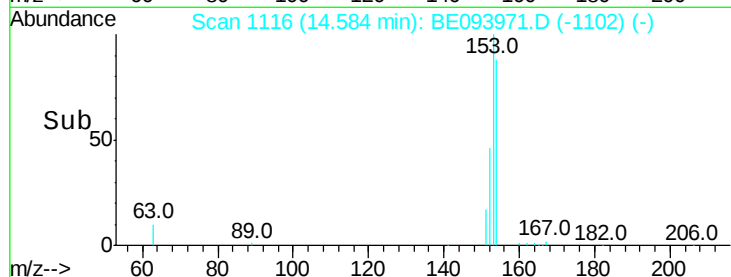
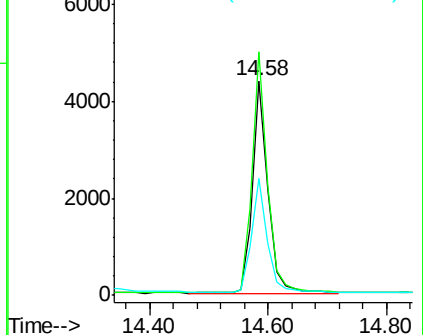
152 53.7 44.9 67.3



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: BE093971.D

Acq: 11 Sep 2017 20:13

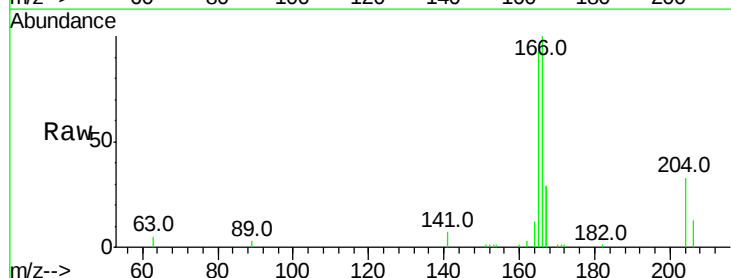
Tgt Ion:166 Resp: 9673

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

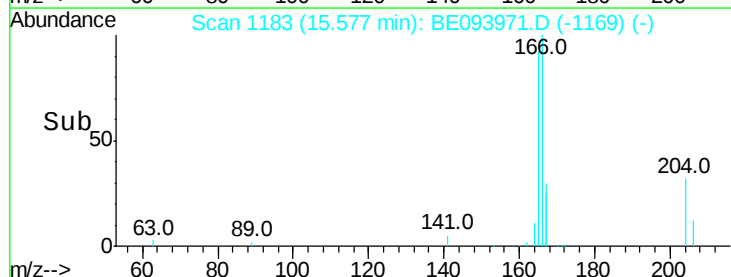
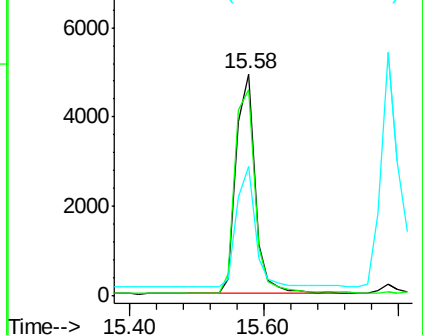
167 54.3 43.5 65.3

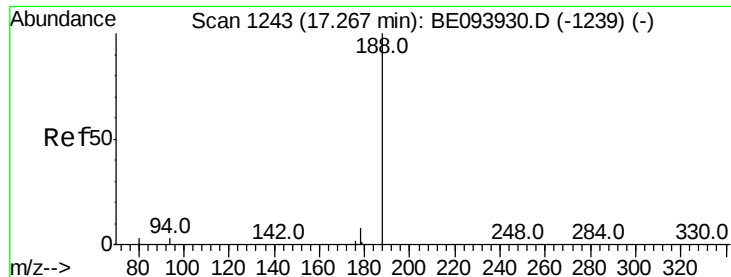


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

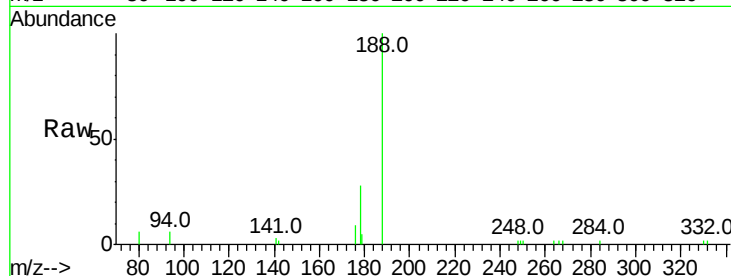
Tot Ion:188 Resp: 10035

Ion Ratio Lower Upper

188 100

94 5.5 16.1 24.1#

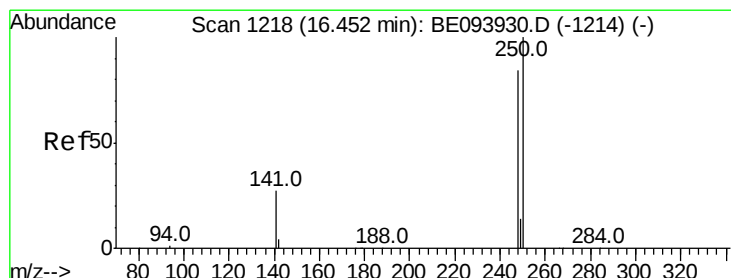
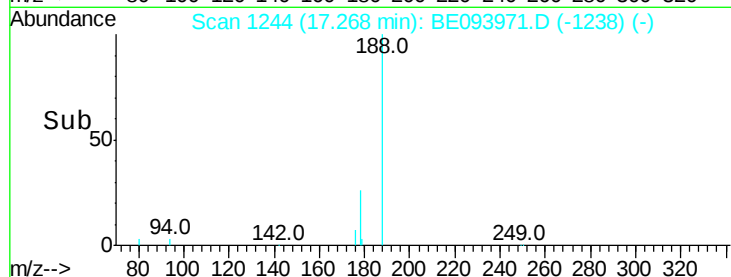
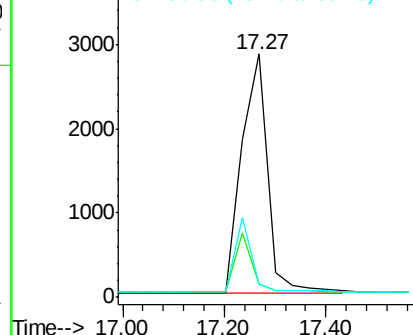
80 5.6 18.2 27.2#



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: 0.410 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

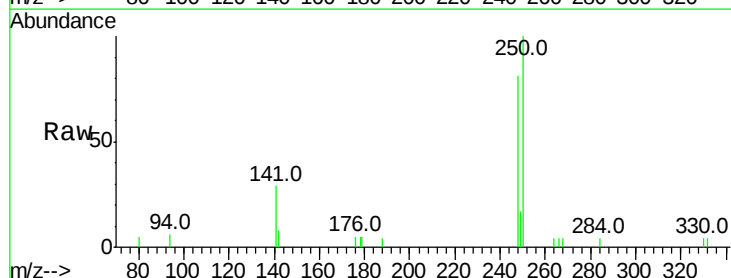
Tgt Ion:248 Resp: 2376

Ion Ratio Lower Upper

248 100

250 122.8 111.8 167.8

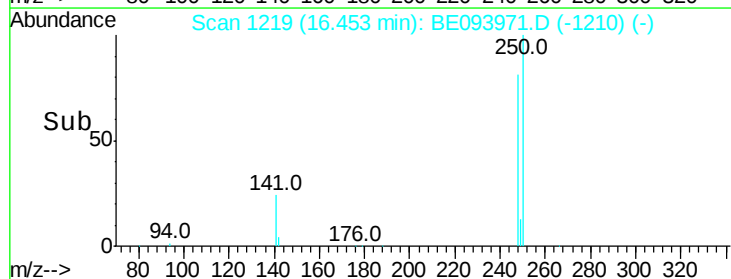
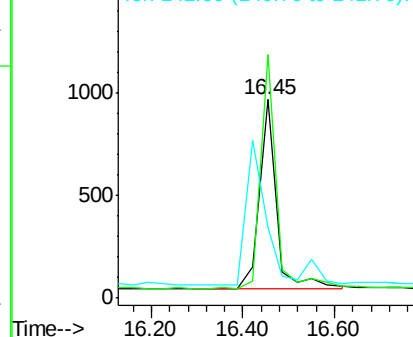
141 35.6 27.1 40.7



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: 0.348 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

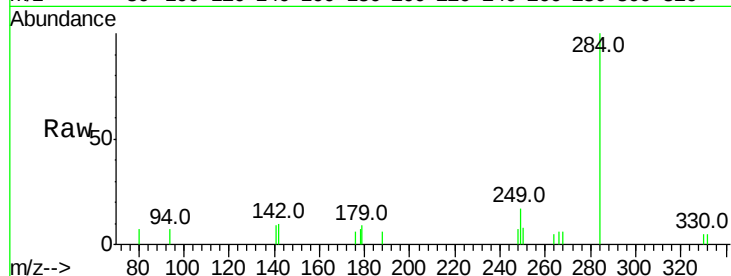
Tot Ion:284 Resp: 2059

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

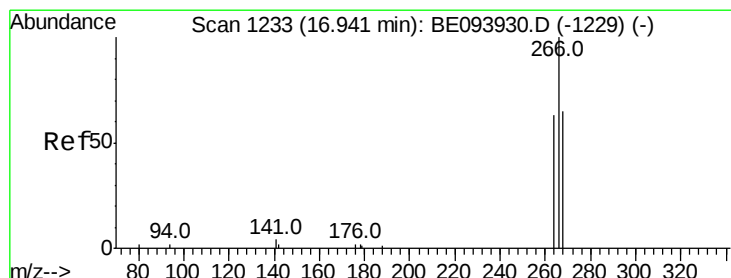
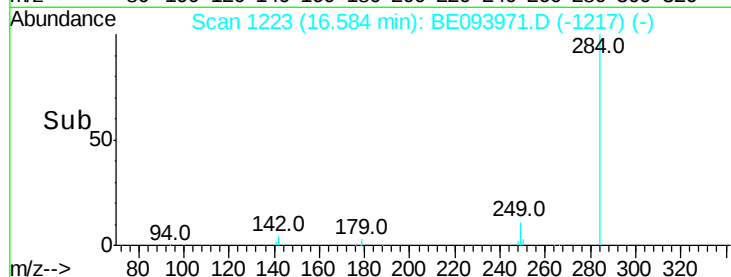
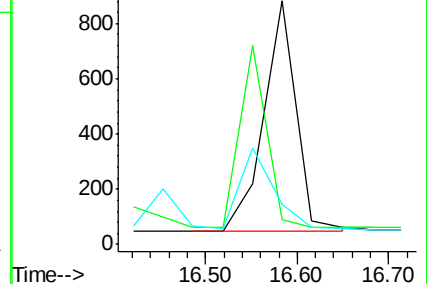
249 0.0 0.0 0.0



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: 0.456 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

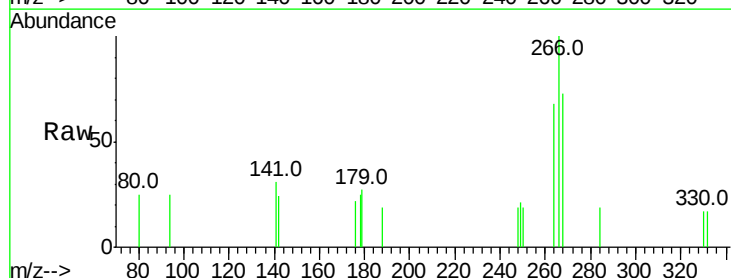
Tgt Ion:266 Resp: 726

Ion Ratio Lower Upper

266 100

264 67.7 53.5 80.3

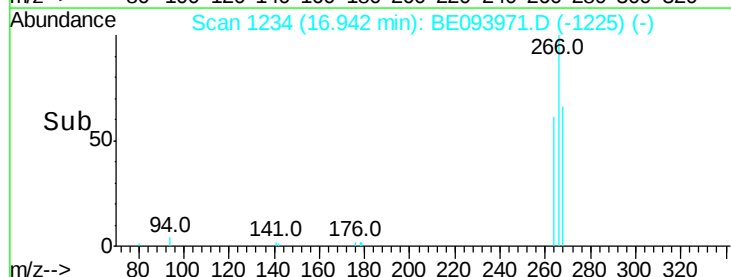
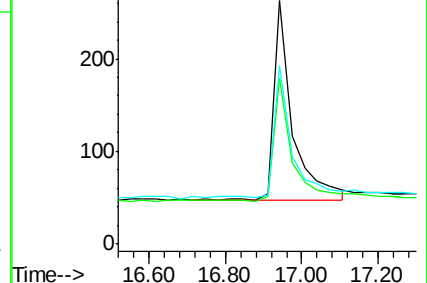
268 73.4 60.0 90.0

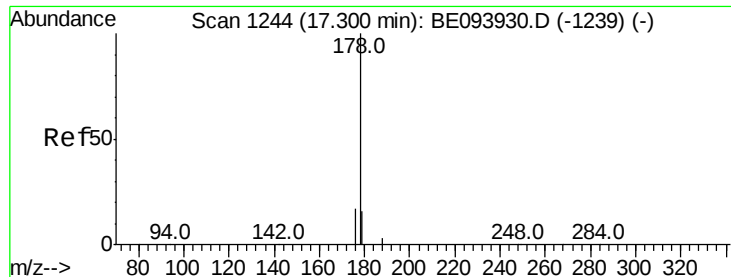


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.564 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

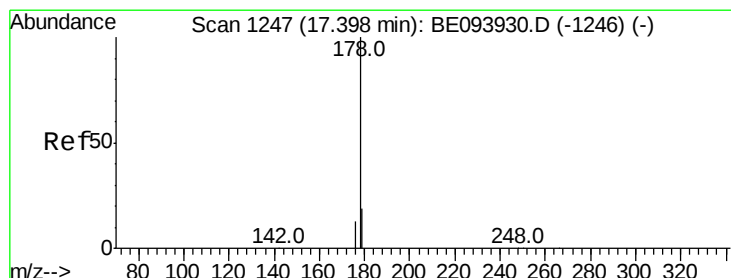
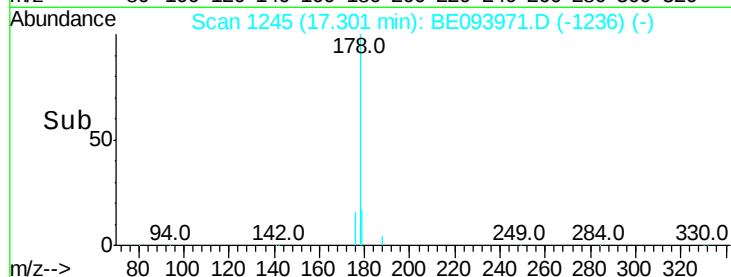
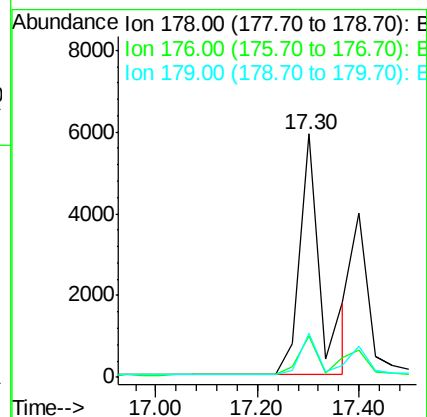
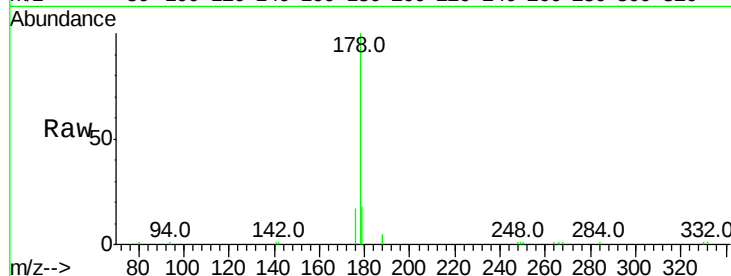
Tot Ion:178 Resp: 17225

Ion Ratio Lower Upper

178 100

176 27.7 0.0 0.0#

179 15.7 12.6 18.8



#24

Anthracene

Concen: 0.562 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

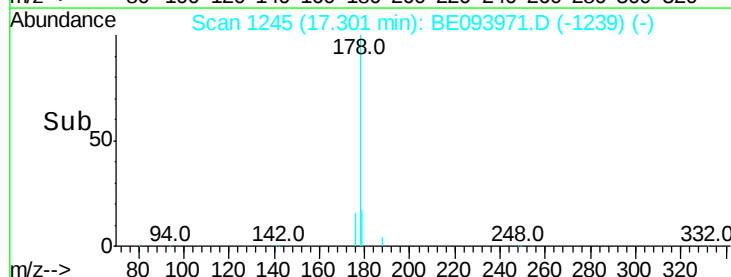
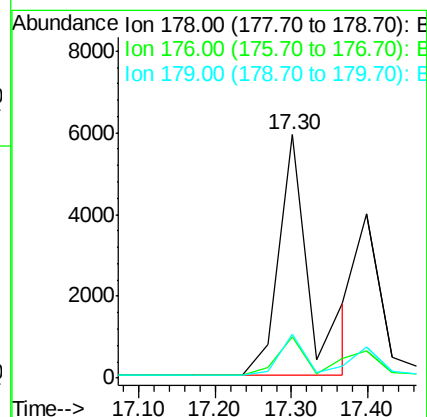
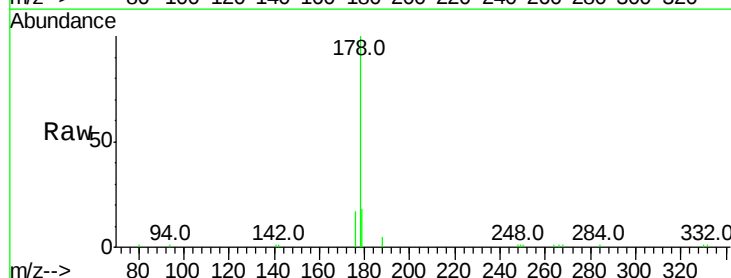
Tgt Ion:178 Resp: 17170

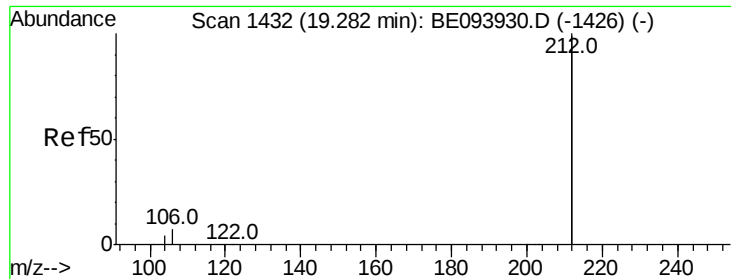
Ion Ratio Lower Upper

178 100

176 27.8 16.0 24.0#

179 15.7 0.0 0.0#

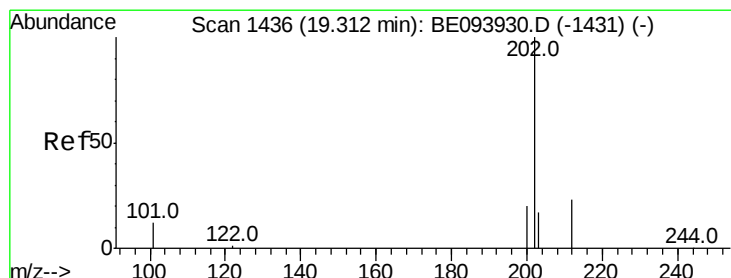
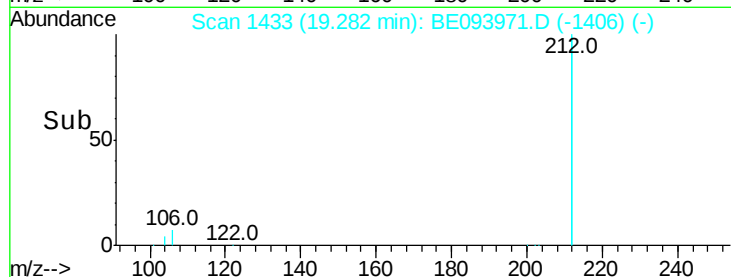
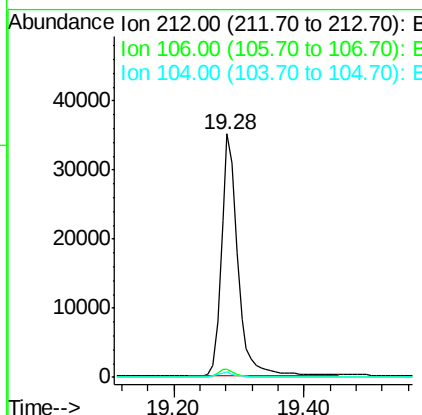
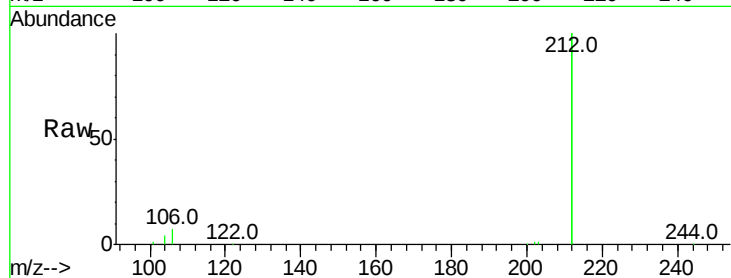




#25
 Fluoranthene-d10
 Concen: 0.410 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

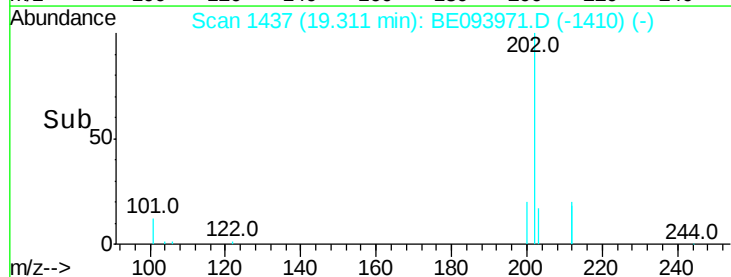
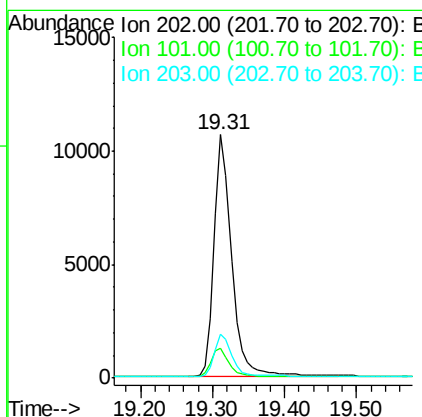
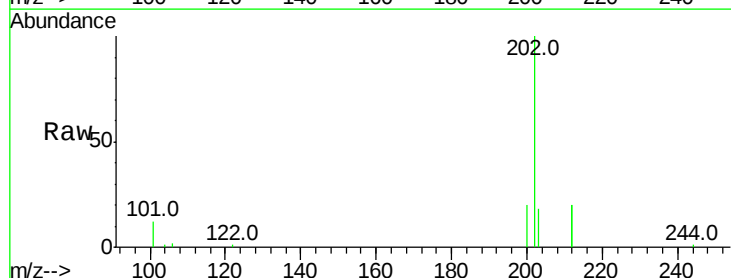
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:212 Resp: 61300
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.406 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE093971.D
 Acq: 11 Sep 2017 20:13

Tgt Ion:202 Resp: 18177
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

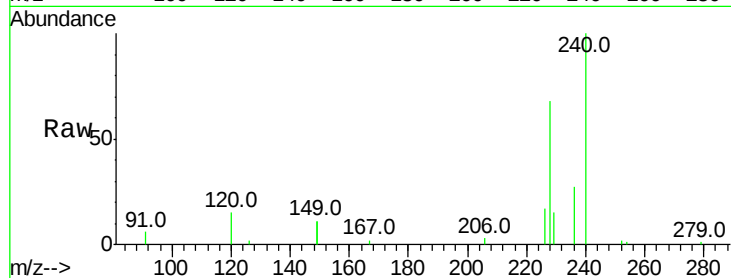
Tot Ion:240 Resp: 13731

Ion Ratio Lower Upper

240 100

120 14.6 8.7 13.1#

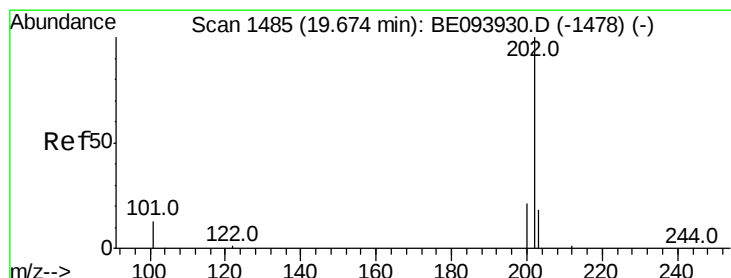
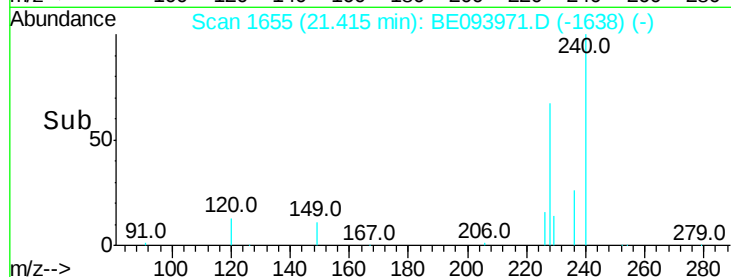
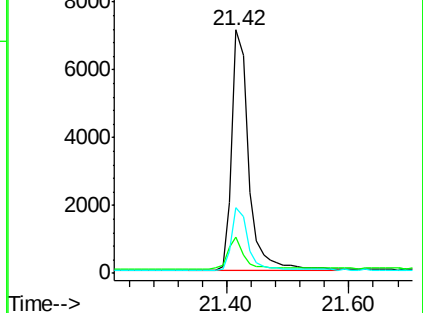
236 26.9 21.3 31.9



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: 0.401 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

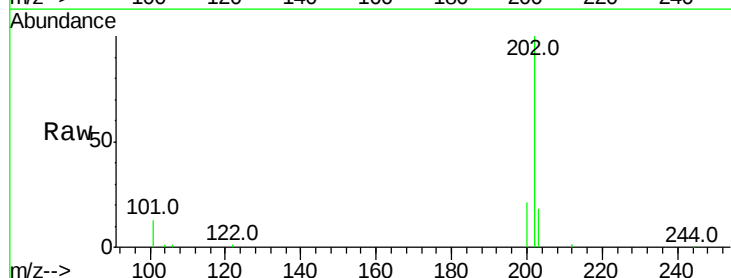
Tgt Ion:202 Resp: 18950

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

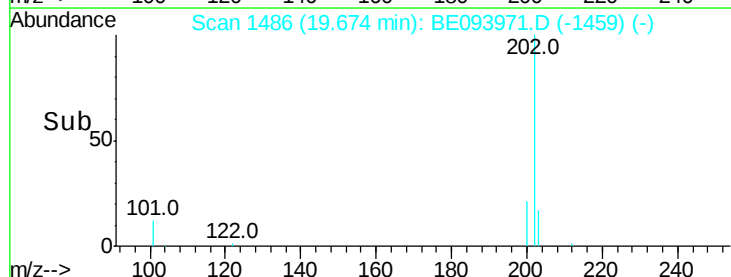
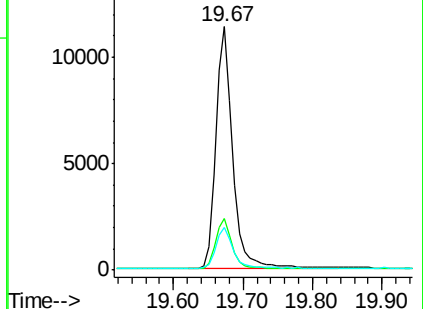
203 17.5 14.2 21.4



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: 0.403 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

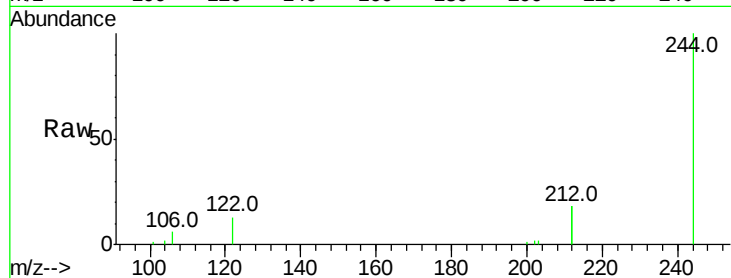
Tot Ion:244 Resp: 10194

Ion Ratio Lower Upper

244 100

212 36.2 28.3 42.5

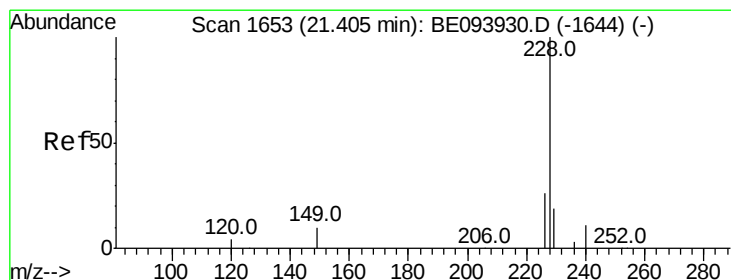
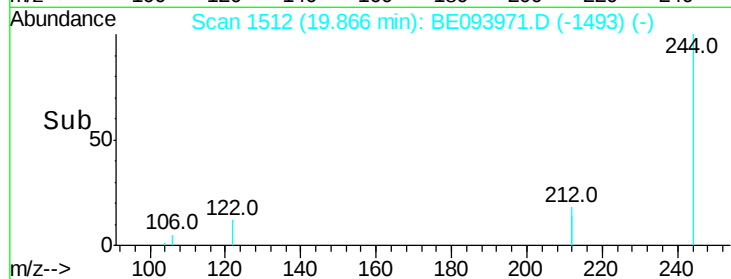
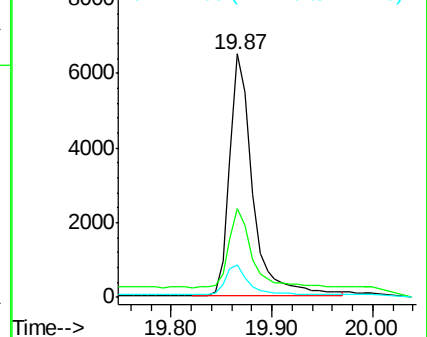
122 13.1 9.4 14.0



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: BE093971.D

Acq: 11 Sep 2017 20:13

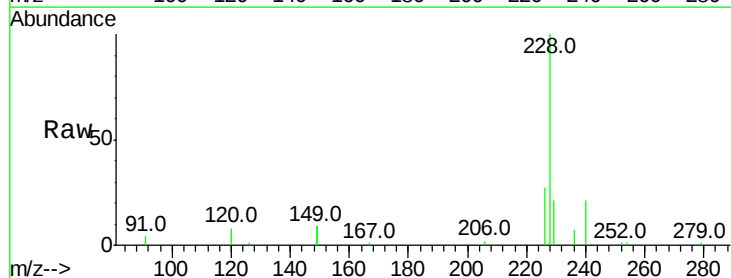
Tgt Ion:228 Resp: 16086

Ion Ratio Lower Upper

228 100

226 27.0 20.8 31.2

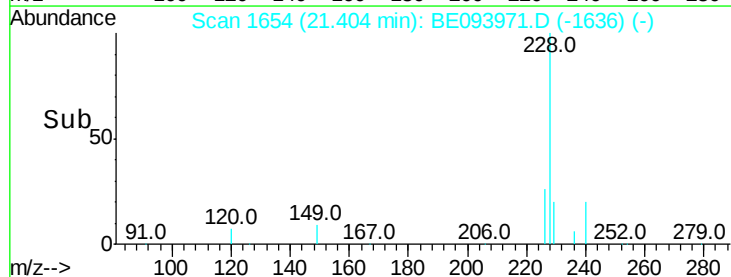
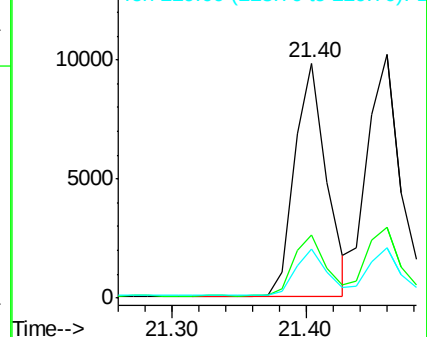
229 20.9 16.6 25.0

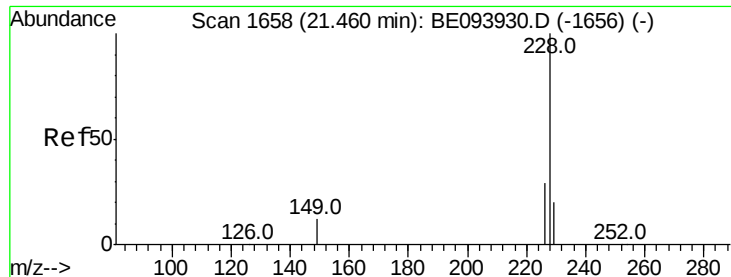


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

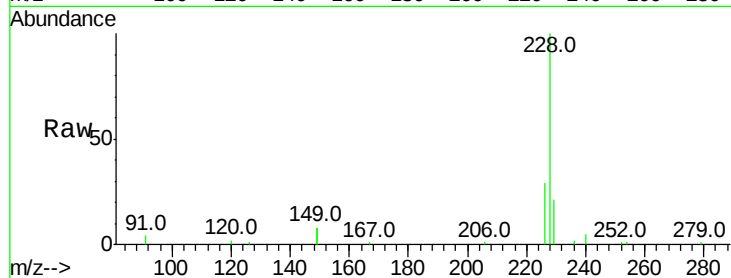
Tot Ion:228 Resp: 18598

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

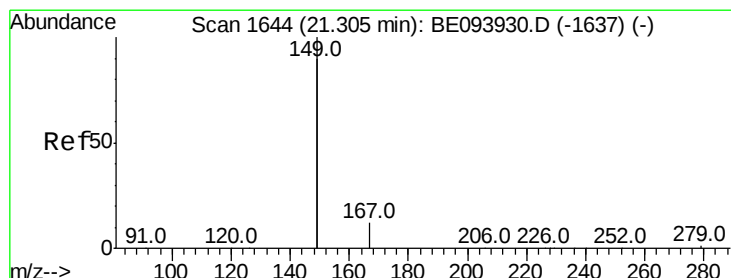
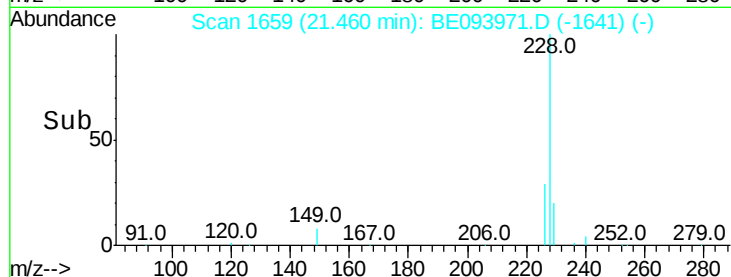
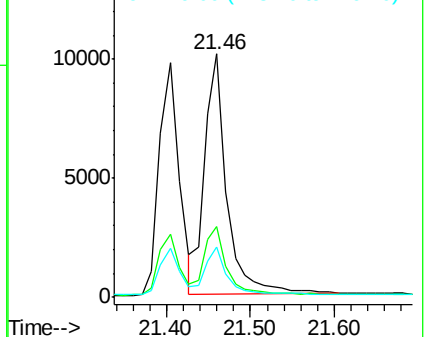
229 20.7 15.8 23.8



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: 0.403 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

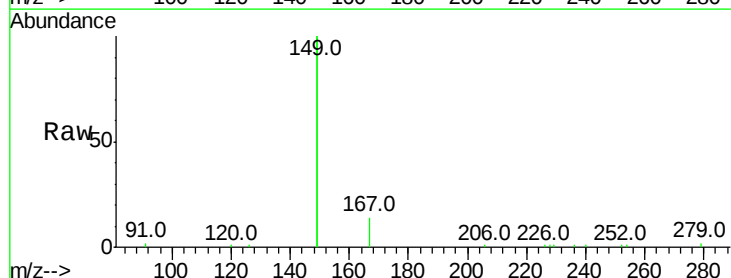
Tgt Ion:149 Resp: 41293

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

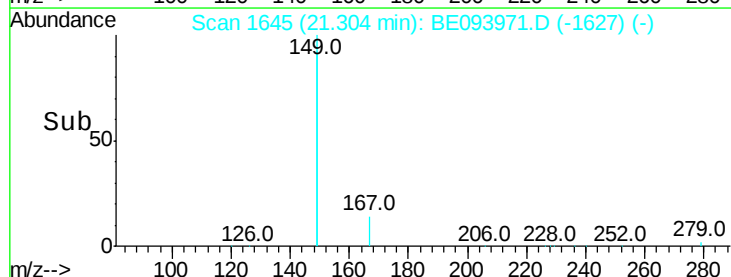
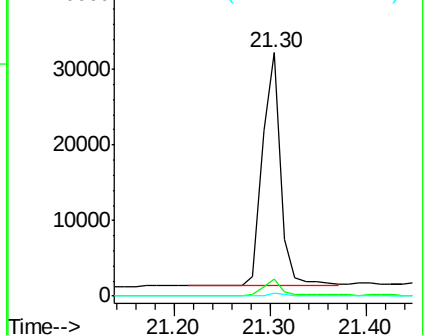
279 0.9 0.7 1.1



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

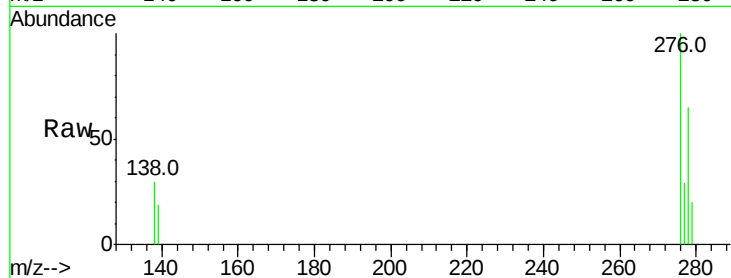




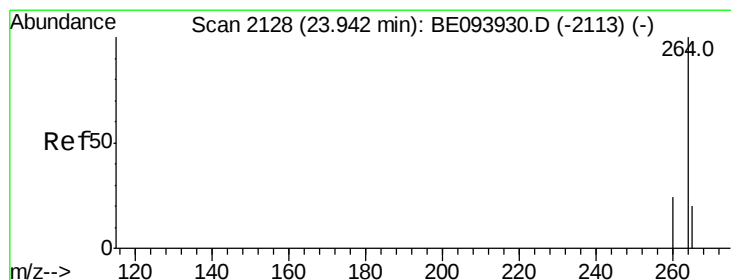
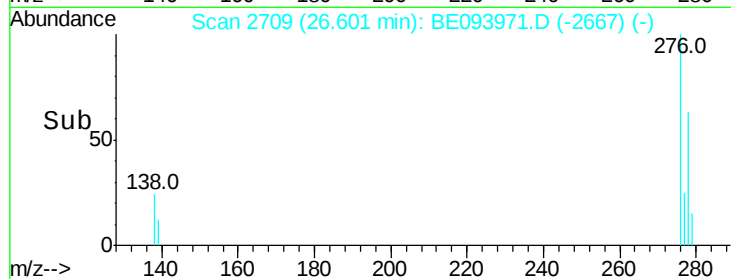
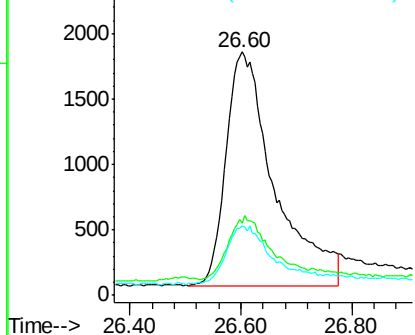
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093971.D
Acq: 11 Sep 2017 20:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 10856
Ion Ratio Lower Upper
276 100
138 23.6 22.2 33.2
277 24.9 19.5 29.3

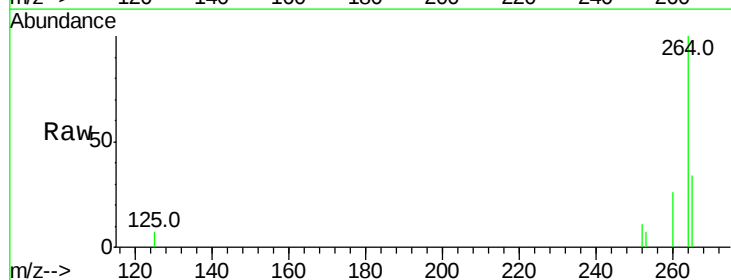


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

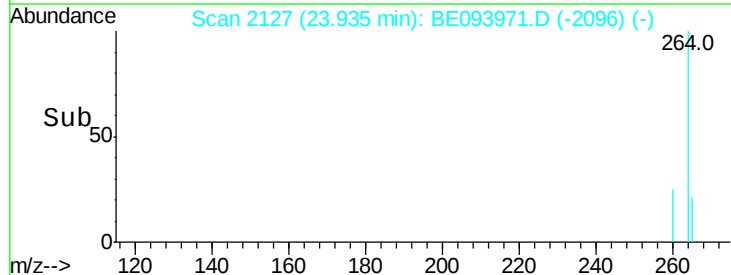
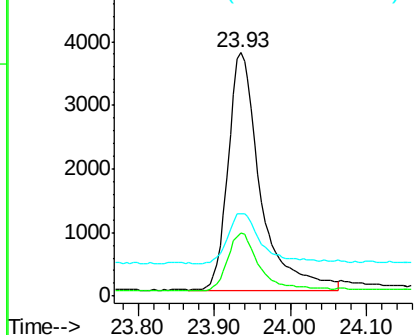


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE093971.D
Acq: 11 Sep 2017 20:13

Tgt Ion:264 Resp: 11044
Ion Ratio Lower Upper
264 100
260 26.2 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: 0.391 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

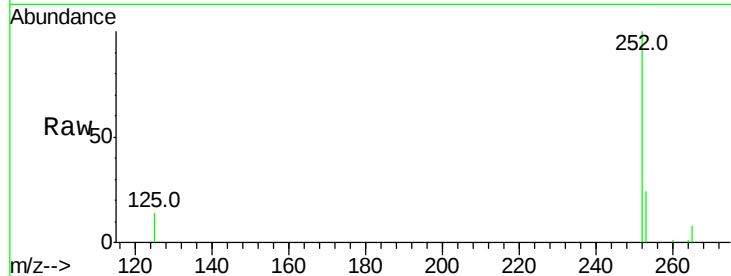
Tot Ion:252 Resp: 13756

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.0

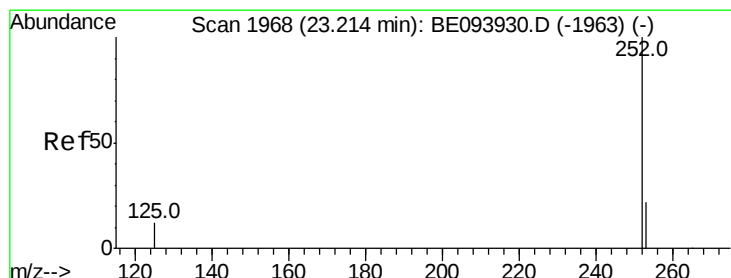
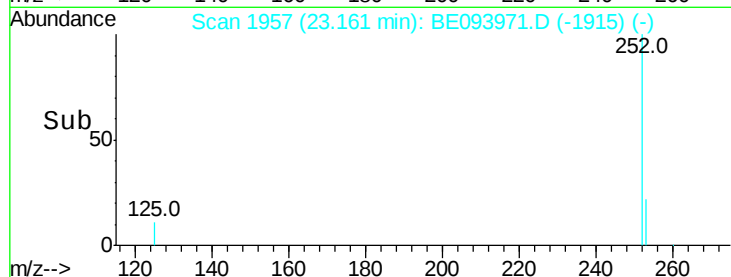
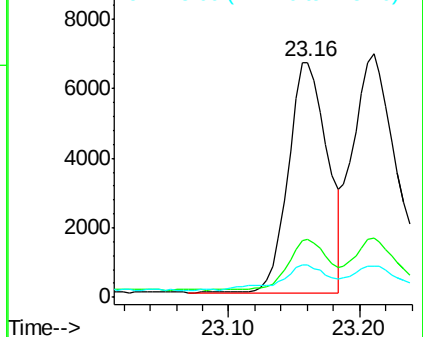
125 13.6 10.0 15.0



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: 0.426 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093971.D

Acq: 11 Sep 2017 20:13

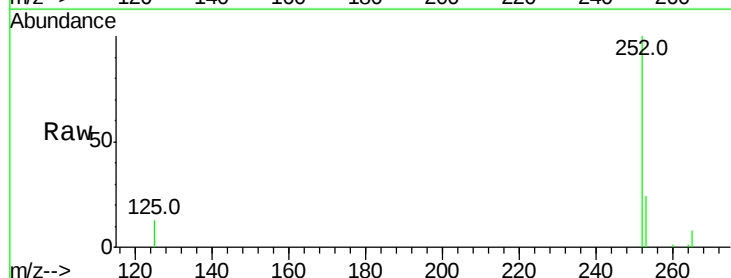
Tgt Ion:252 Resp: 18366

Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

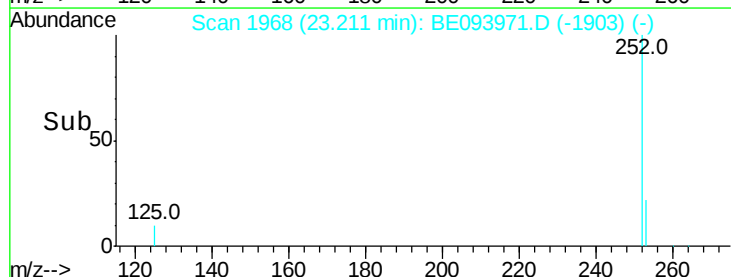
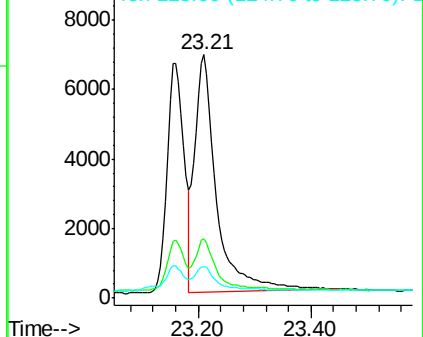
125 12.9 9.8 14.6

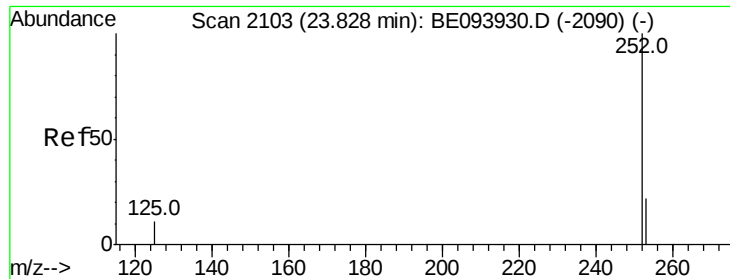


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

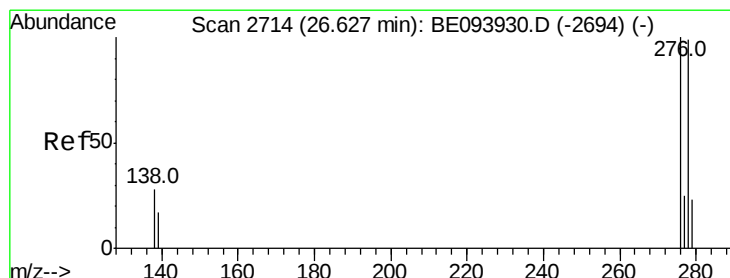
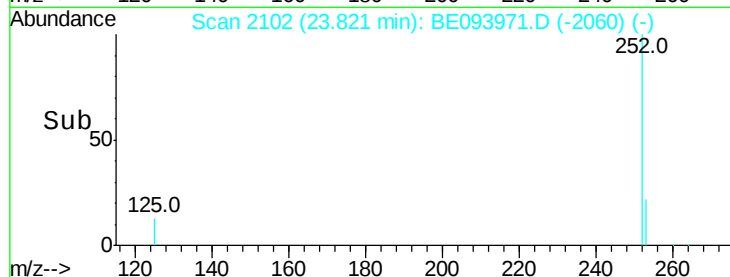
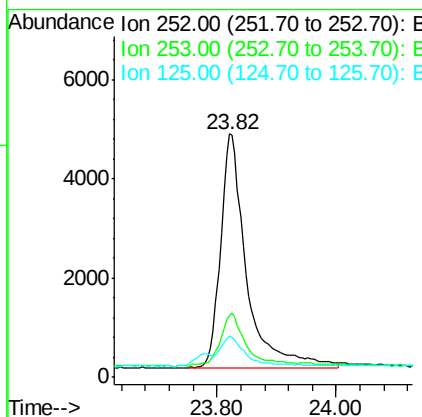
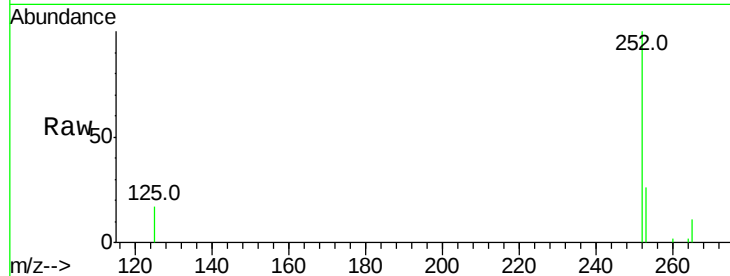




#37
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093971.D
Acq: 11 Sep 2017 20:13

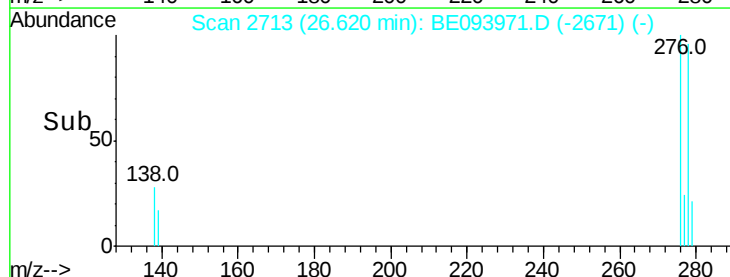
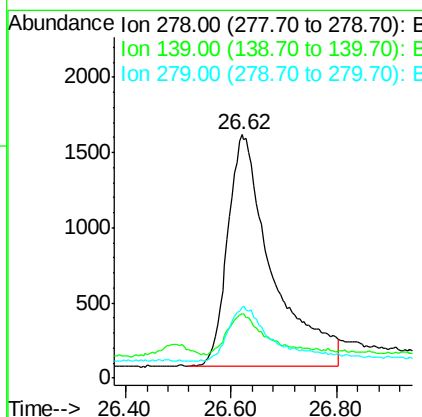
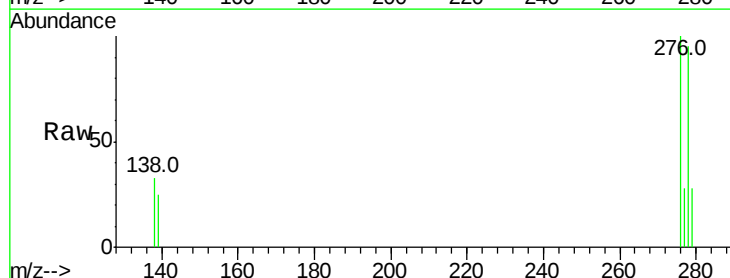
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 14405
Ion Ratio Lower Upper
252 100
253 25.6 19.6 29.4
125 17.1 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BE093971.D
Acq: 11 Sep 2017 20:13

Tgt Ion:278 Resp: 8997
Ion Ratio Lower Upper
278 100
139 26.2 16.7 25.1#
279 29.0 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.41 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE093971.D

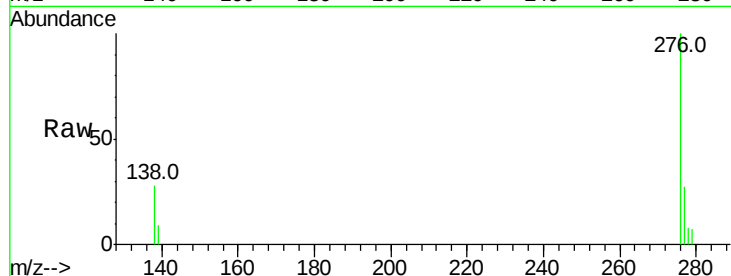
Acq: 11 Sep 2017 20:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 9572

Ion Ratio Lower Upper

276 100

277 27.4 20.6 30.8

138 27.7 21.9 32.9

