

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093660.D
 Acq On : 3 Aug 2017 17:12
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 04 04:13:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2433	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	12802	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7523	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18566	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20497	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18349	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	3201	0.44	ng	0.00
5) Phenol-d6	7.09	99	4903	0.45	ng	-0.01
8) Nitrobenzene-d5	9.06	82	4007	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8088	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	749	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11705	0.39	ng	-0.01
25) Fluoranthene-d10	19.27	212	85424	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	14607	0.40	ng	0.00

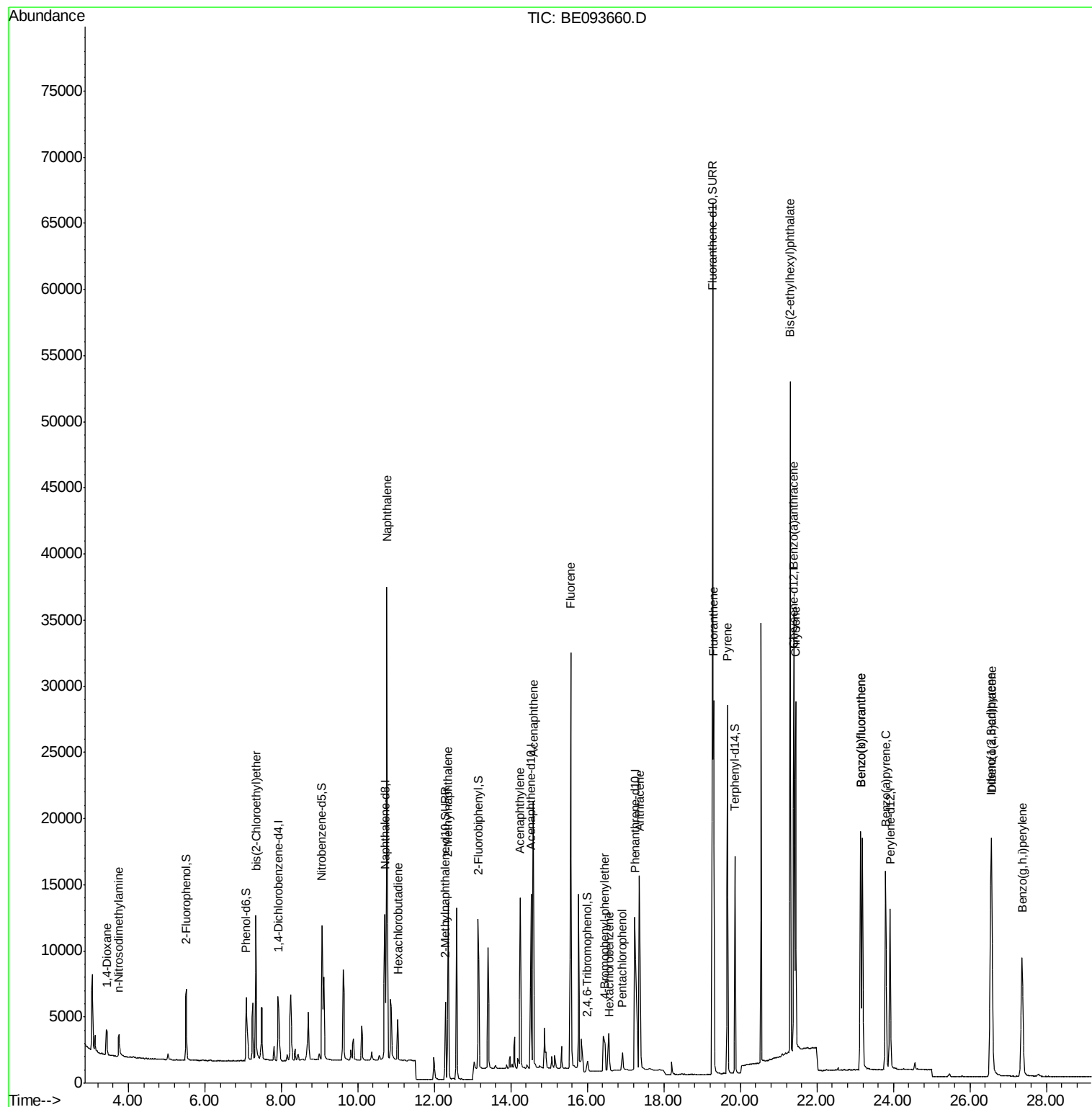
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	1566	0.397	ng	94
3) n-Nitrosodimethylamine	3.74	42	1519	0.411	ng	# 92
6) bis(2-Chloroethyl)ether	7.34	93	3726	0.406	ng	# 98
9) Naphthalene	10.76	128	57630	0.389	ng	100
10) Hexachlorobutadiene	11.04	225	2126	0.387	ng	99
12) 2-Methylnaphthalene	12.36	142	9734	0.397	ng	99
16) Acenaphthylene	14.24	152	14609	0.406	ng	# 87
17) Acenaphthene	14.59	154	9980	0.393	ng	99
18) Fluorene	15.56	166	13358	0.394	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	2144	0.373	ng	91
21) Hexachlorobenzene	16.58	284	2292	0.399	ng	# 100
22) Pentachlorophenol	16.91	266	1447	0.550	ng	98
24) Anthracene	17.37	178	38565	0.691	ng	# 91
26) Fluoranthene	19.30	202	25991	0.400	ng	99
28) Pyrene	19.67	202	26701	0.403	ng	# 99
30) Benzo(a)anthracene	21.39	228	25994	0.431	ng	95
31) Chrysene	21.45	228	26167	0.389	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	54237	0.660	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	25934	0.426	ng	94
35) Benzo(b)fluoranthene	23.14	252	24864	0.380	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	24864	0.372	ng	96
37) Benzo(a)pyrene	23.80	252	23805	0.401	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	21951	0.383	ng	# 89
39) Benzo(g,h,i)perylene	27.37	276	22175	0.382	ng	92

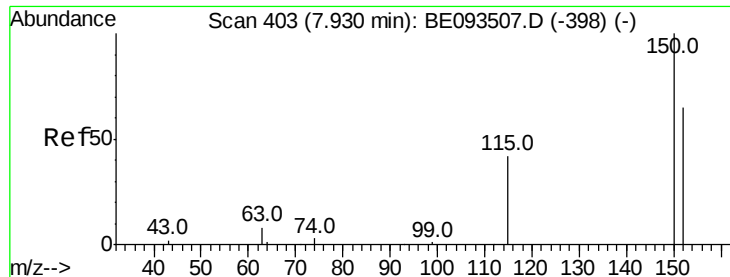
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Aug 04 04:13:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

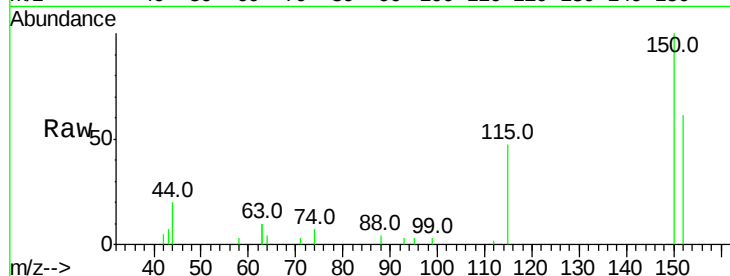
Tot Ion:152 Resp: 2433

Ion Ratio Lower Upper

152 100

150 164.4 125.1 187.7

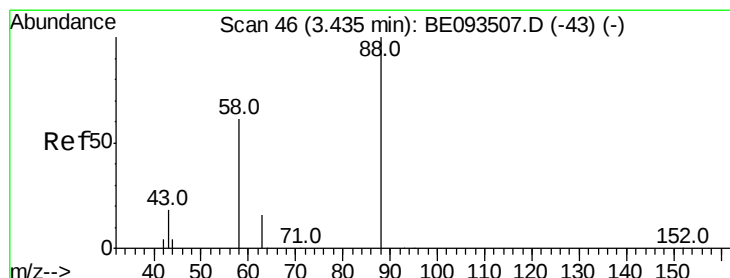
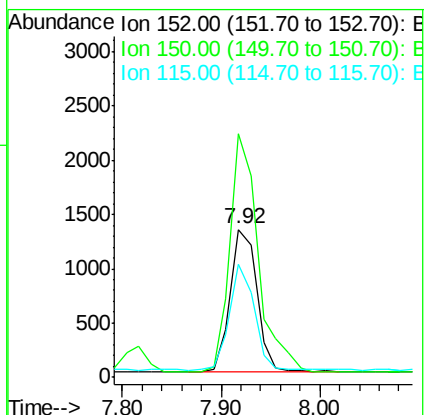
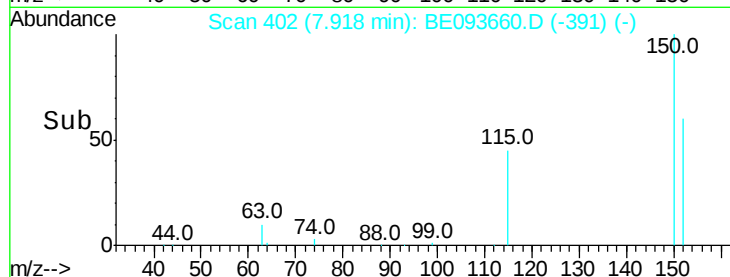
115 76.5 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.397 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

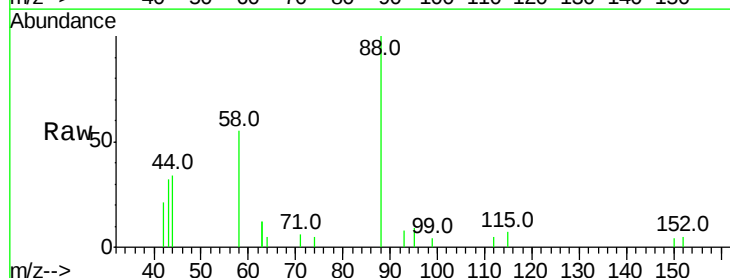
Tgt Ion: 88 Resp: 1566

Ion Ratio Lower Upper

88 100

58 82.8 62.2 93.4

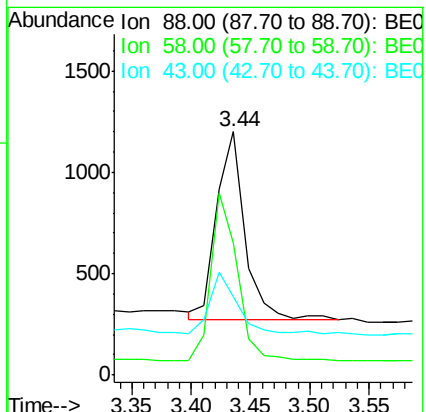
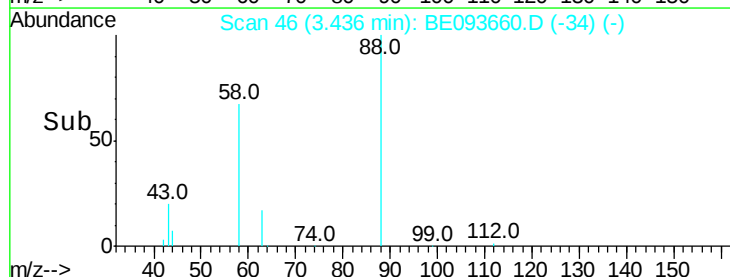
43 32.1 23.2 34.8

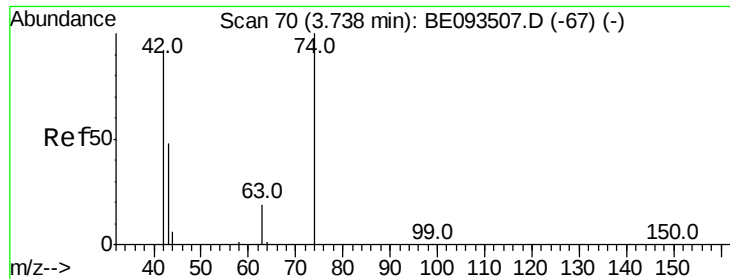


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

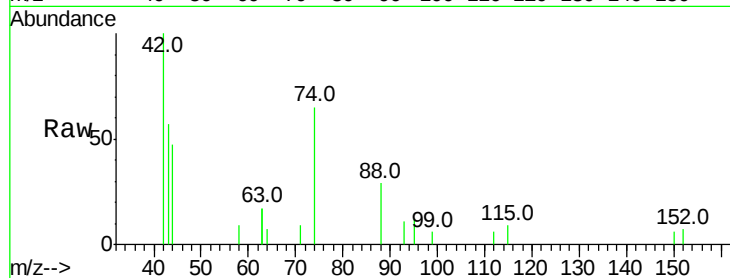




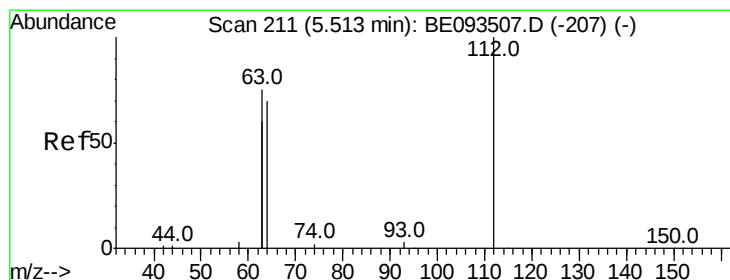
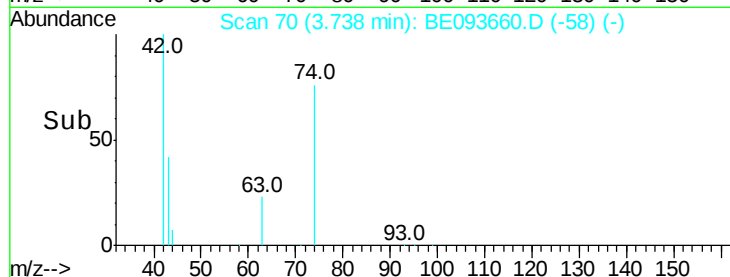
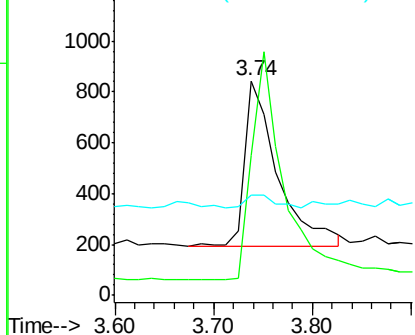
#3
 n-Nitrosodimethylamine
 Concen: 0.411 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BE093660.D
 Acq: 3 Aug 2017 17:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1519
 Ion Ratio Lower Upper
 42 100
 74 133.7 99.1 148.7
 44 7.2 7.4 11.2#

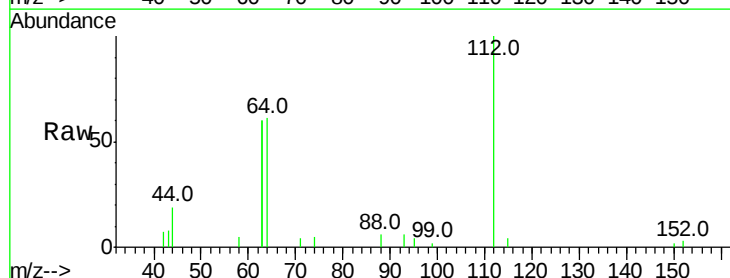


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

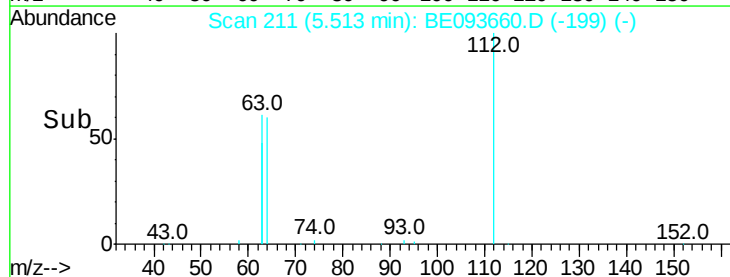
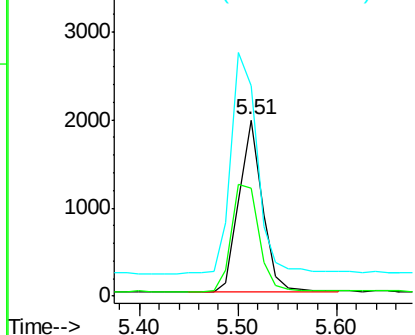


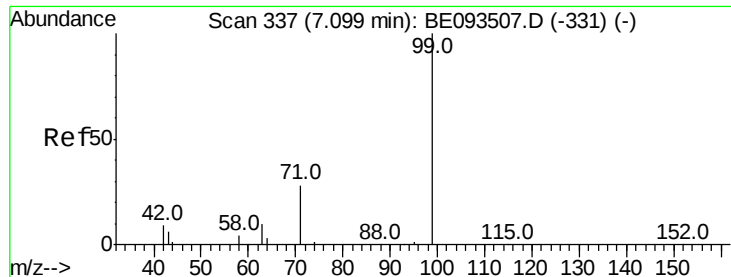
#4
 2-Fluorophenol
 Concen: 0.442 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093660.D
 Acq: 3 Aug 2017 17:12

Tgt Ion: 112 Resp: 3201
 Ion Ratio Lower Upper
 112 100
 64 72.8 56.4 84.6
 63 145.0 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.449 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampled :

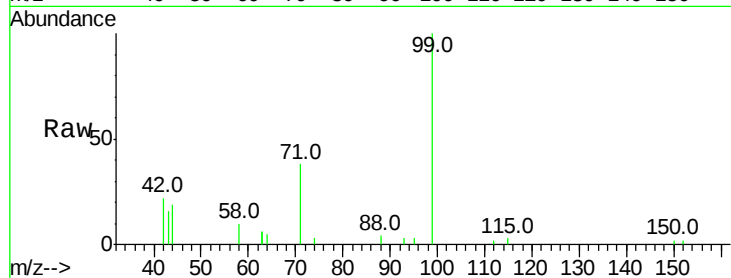
Tot Ion: 99 Resp: 4903

Ion Ratio Lower Upper

99 100

42 19.7 0.0 0.0#

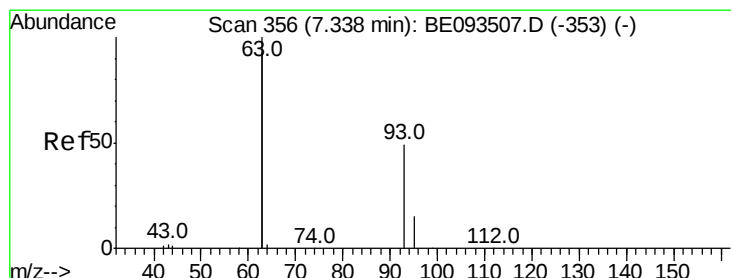
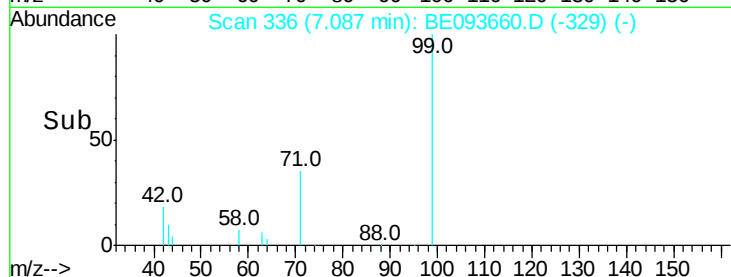
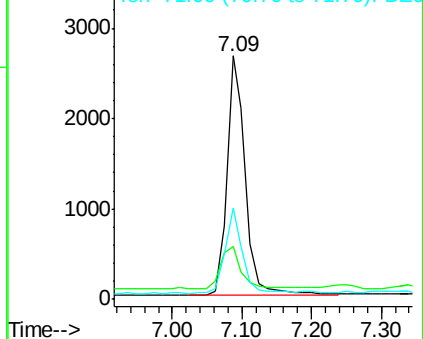
71 34.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

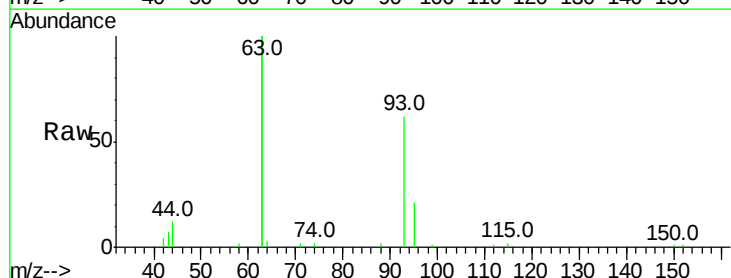
Tgt Ion: 93 Resp: 3726

Ion Ratio Lower Upper

93 100

63 349.0 0.0 0.0#

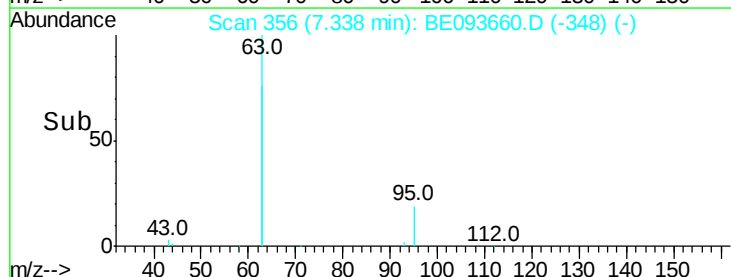
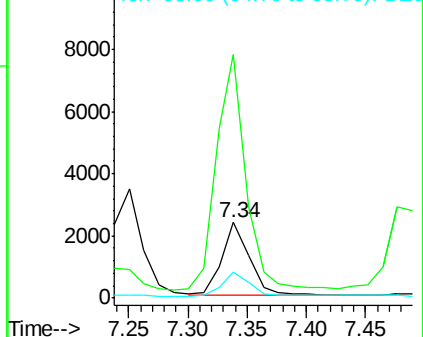
95 33.0 25.4 38.0

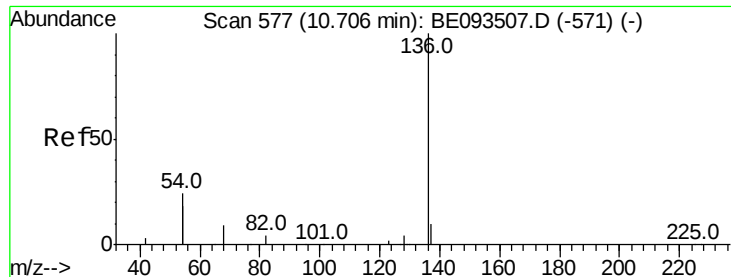


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12802

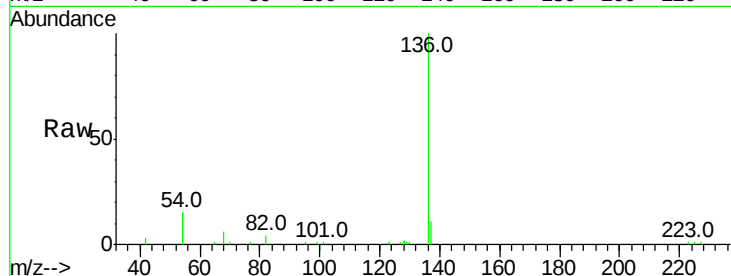
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 29.7 10.3 15.5#

68 6.4 9.0 13.4#

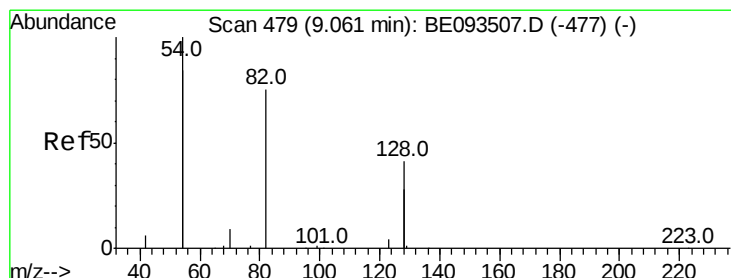
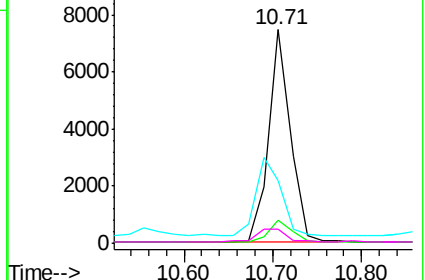
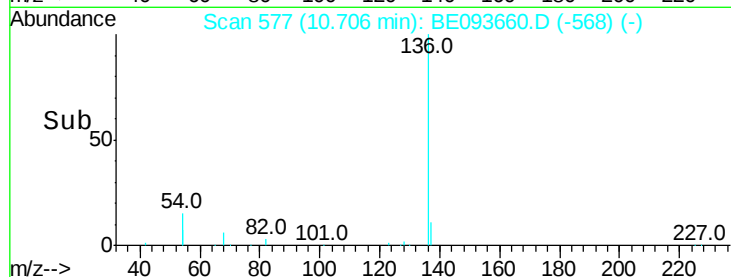


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

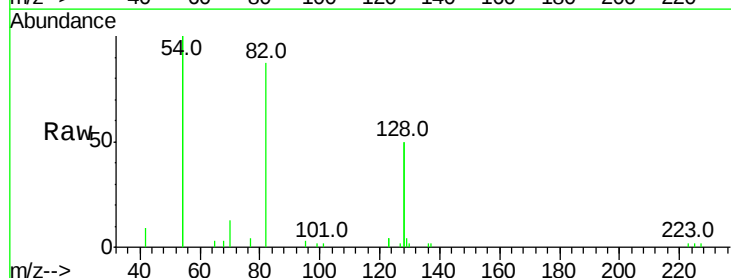
Tgt Ion: 82 Resp: 4007

Ion Ratio Lower Upper

82 100

128 115.3 17.0 25.4#

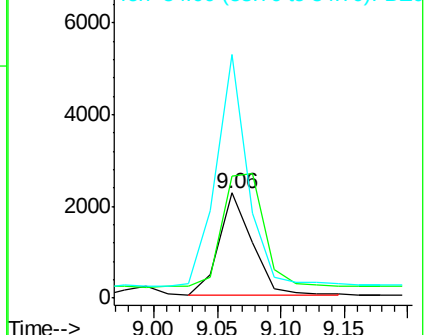
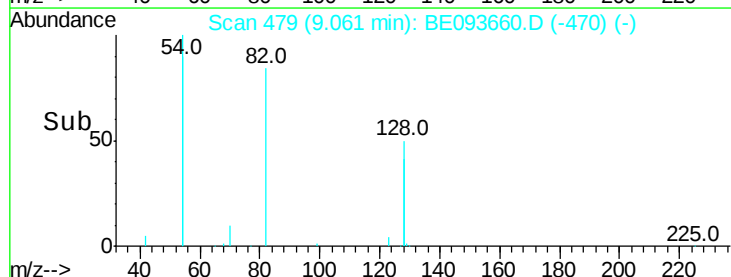
54 231.2 53.8 80.6#

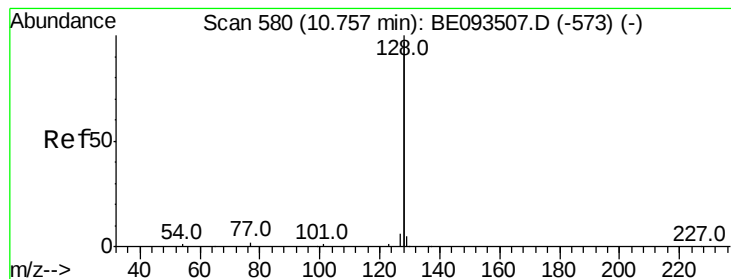


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

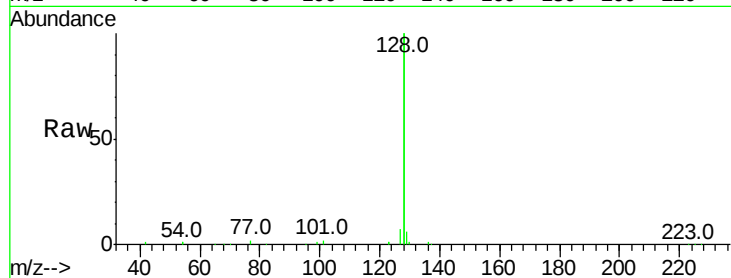
Tot Ion:128 Resp: 57630

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

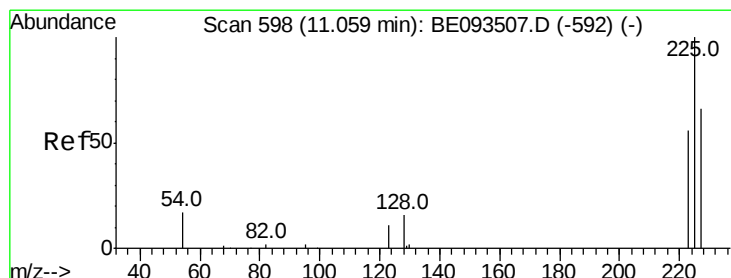
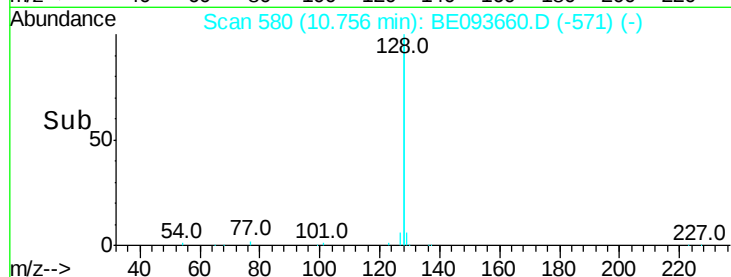
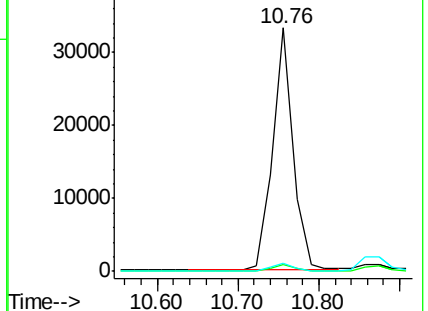
127 3.3 2.4 3.6



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: 0.387 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

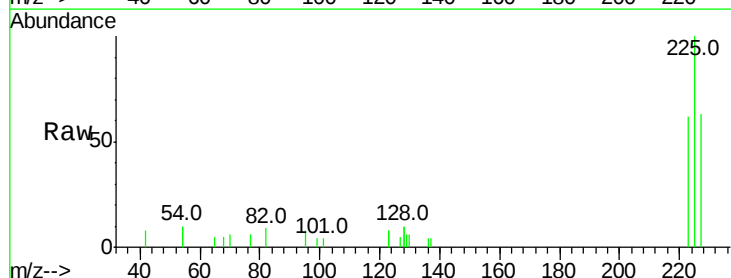
Tgt Ion:225 Resp: 2126

Ion Ratio Lower Upper

225 100

223 61.1 49.7 74.5

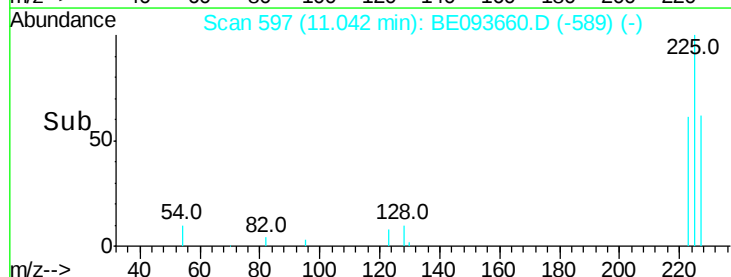
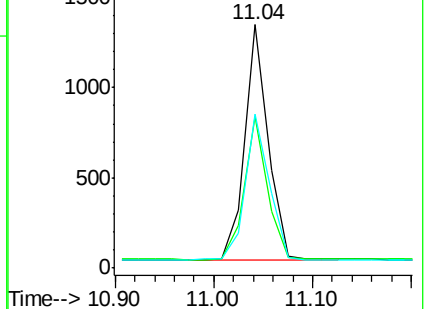
227 64.2 50.3 75.5

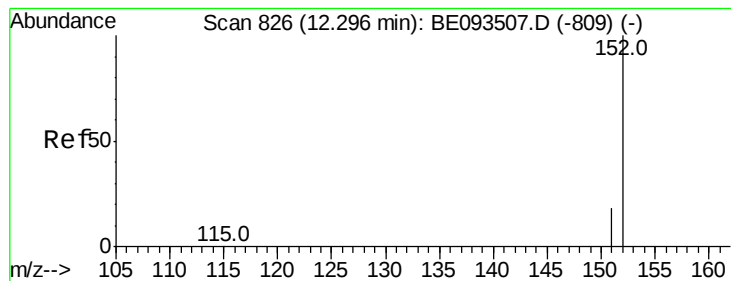


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

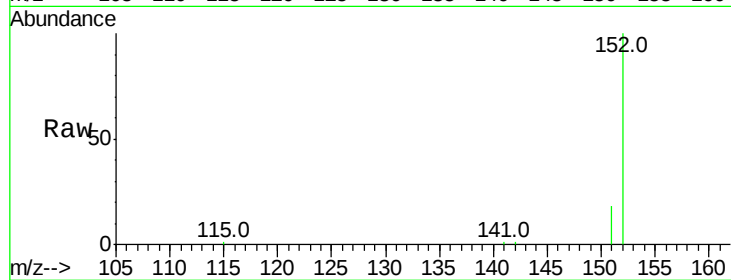
ClientSampleId :

Tot Ion:152 Resp: 8088

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

6000

5000

4000

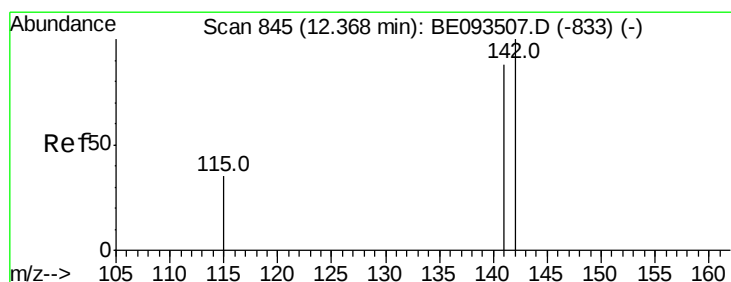
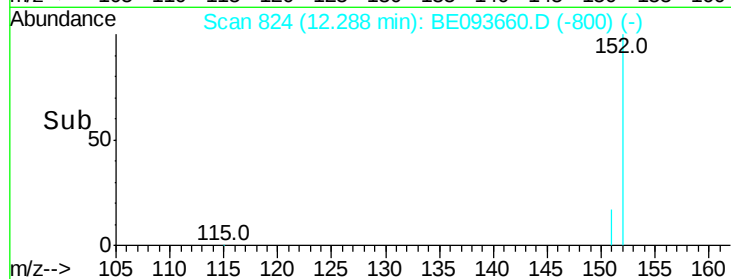
3000

2000

1000

0

Time--> 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

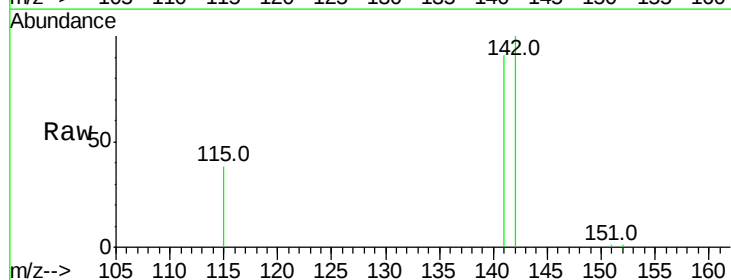
Tgt Ion:142 Resp: 9734

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8

115 37.8 32.2 48.2



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

12.36

8000

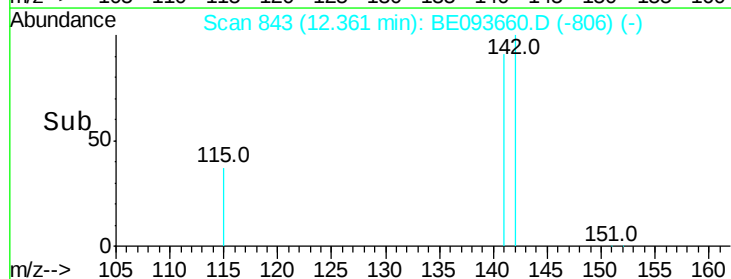
6000

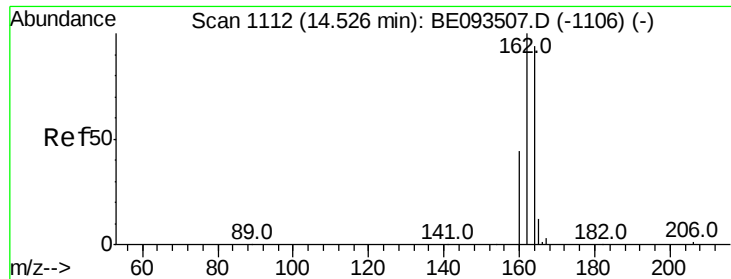
4000

2000

0

Time--> 12.30 12.40 12.50

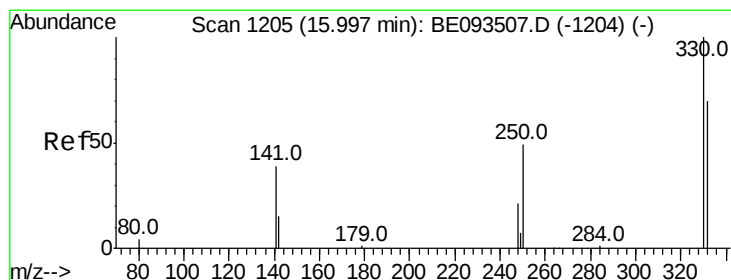
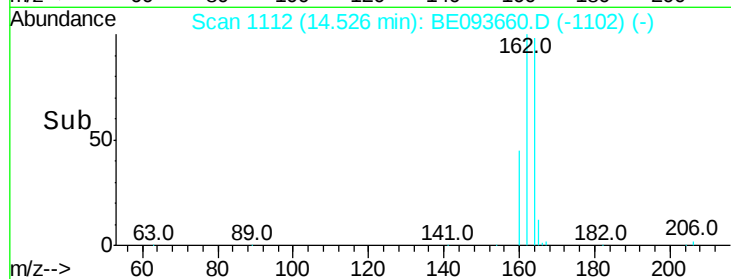
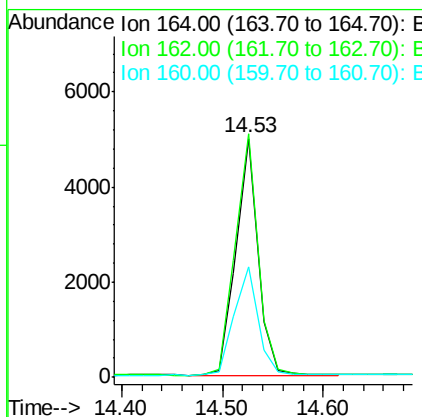
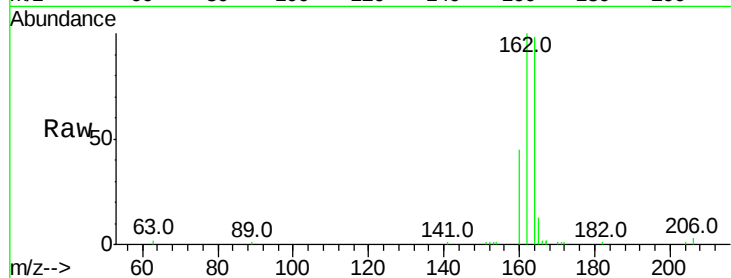




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

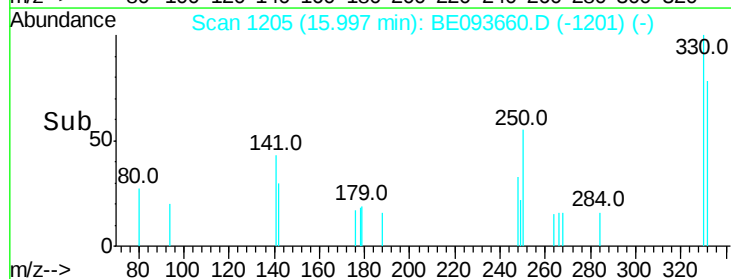
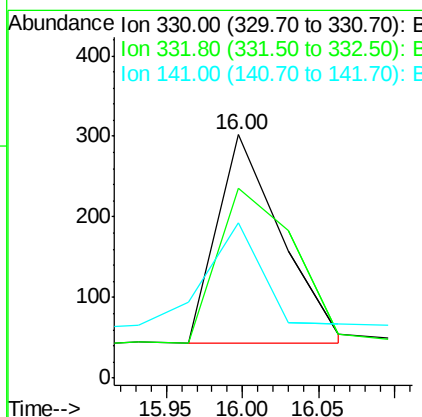
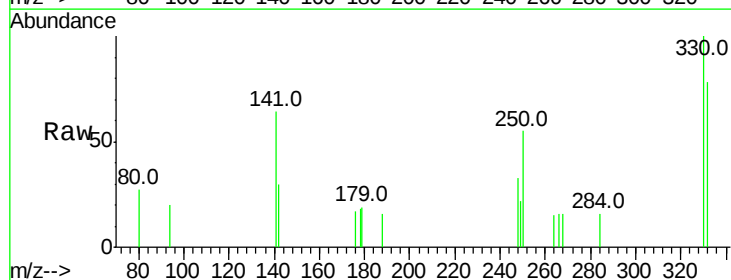
Instrument :
BNA_E
ClientSampleId :

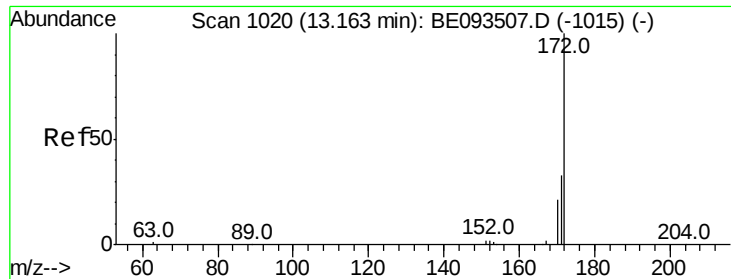
Tot Ion:164 Resp: 7523
Ion Ratio Lower Upper
164 100
162 102.0 84.6 127.0
160 46.3 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

Tgt Ion:330 Resp: 749
Ion Ratio Lower Upper
330 100
332 89.3 77.7 116.5
141 42.9 56.2 84.4#

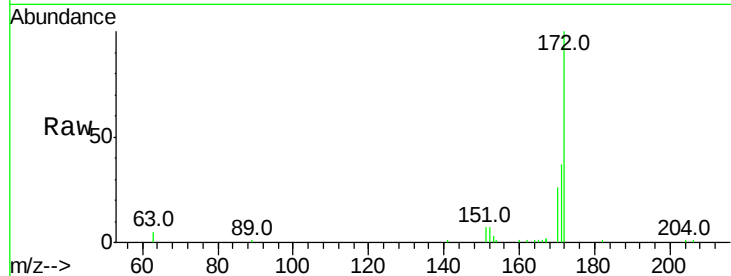




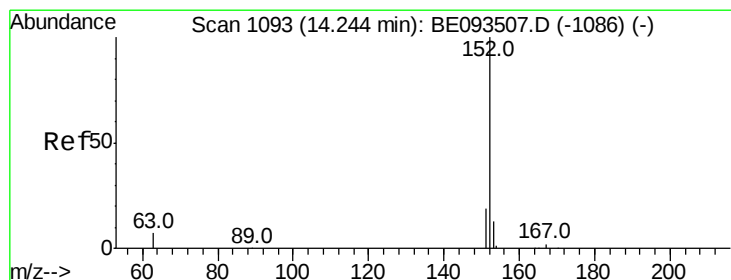
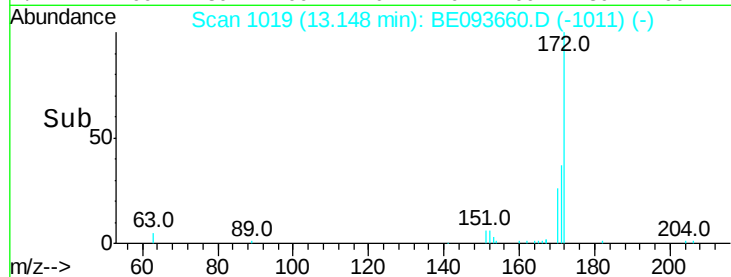
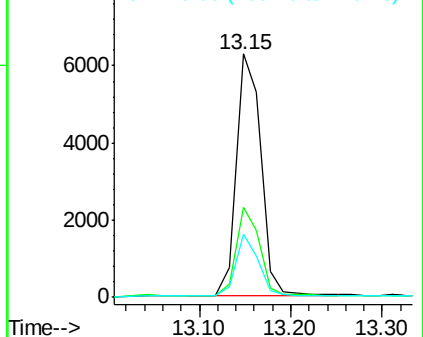
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11705
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.7 20.7 31.1

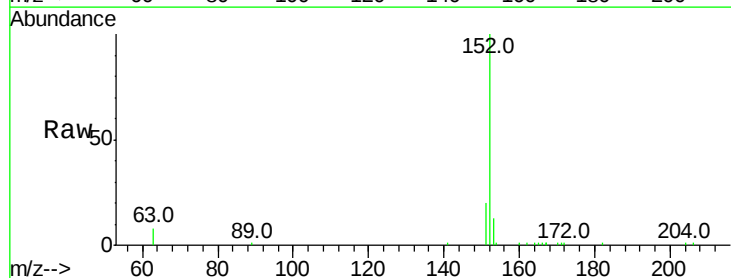


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

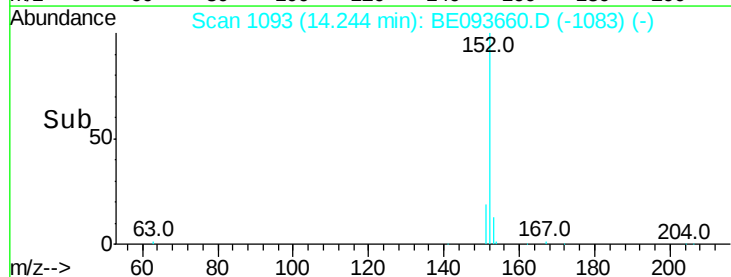
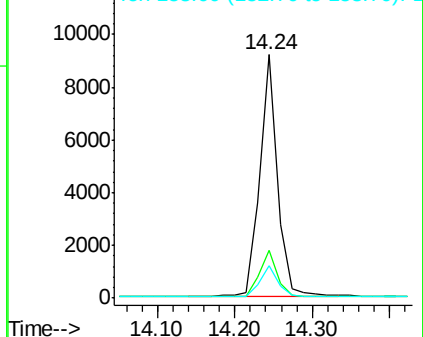


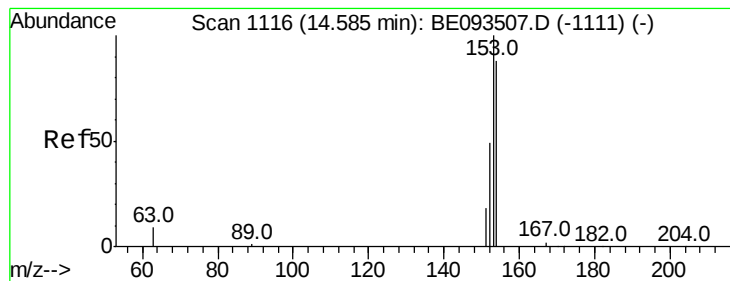
#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

Tgt Ion:152 Resp: 14609
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.59 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

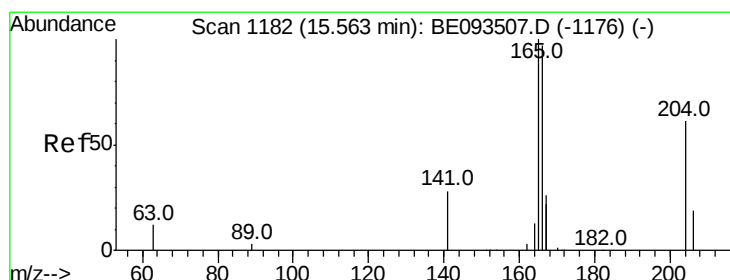
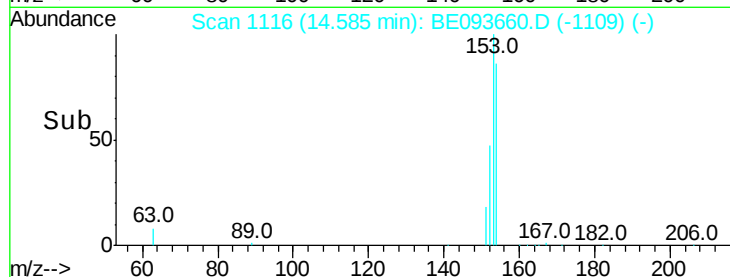
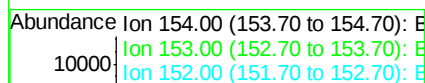
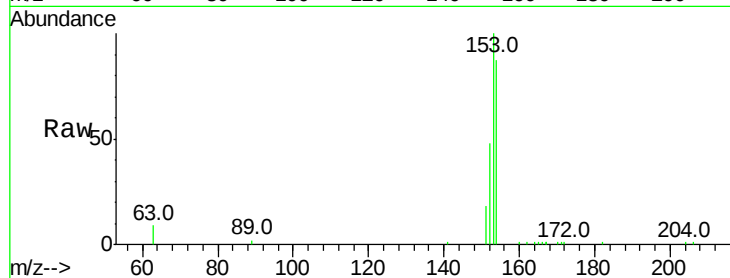
Tot Ion:154 Resp: 9980

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

152 55.1 44.8 67.2



#18

Fluorene

Concen: 0.394 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

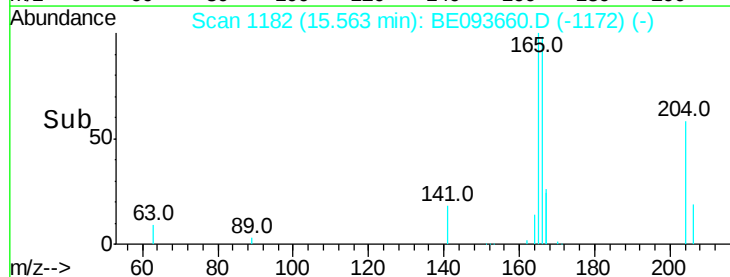
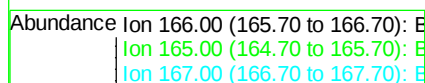
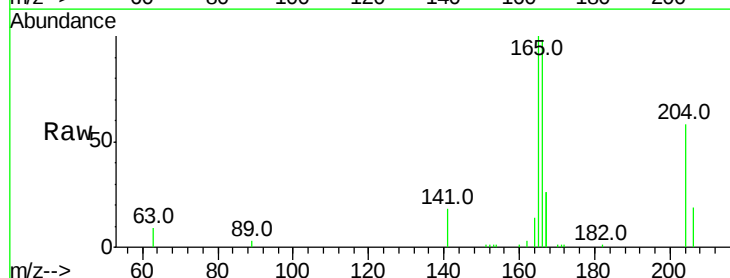
Tgt Ion:166 Resp: 13358

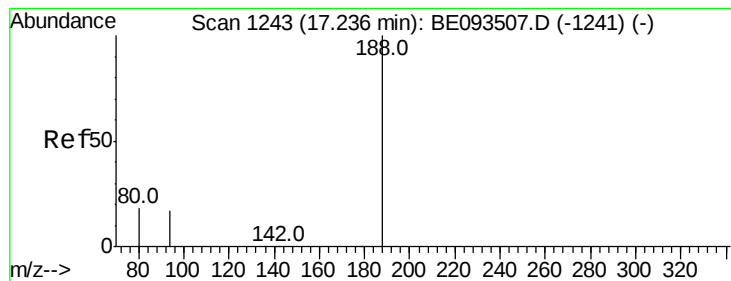
Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

167 53.5 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

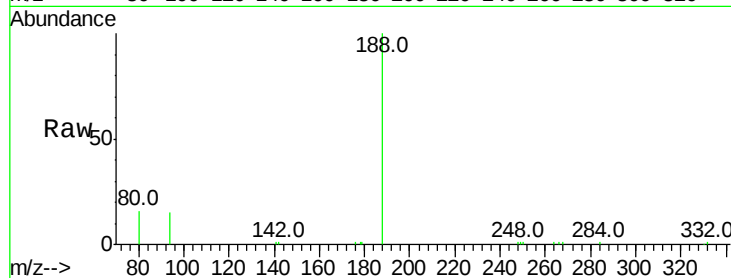
Tot Ion:188 Resp: 18566

Ion Ratio Lower Upper

188 100

94 15.4 11.3 16.9

80 16.2 11.7 17.5



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

12000

10000

8000

6000

4000

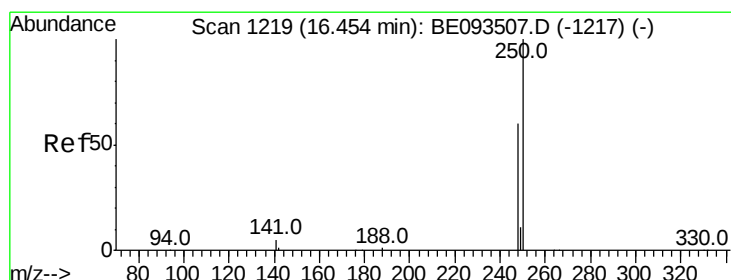
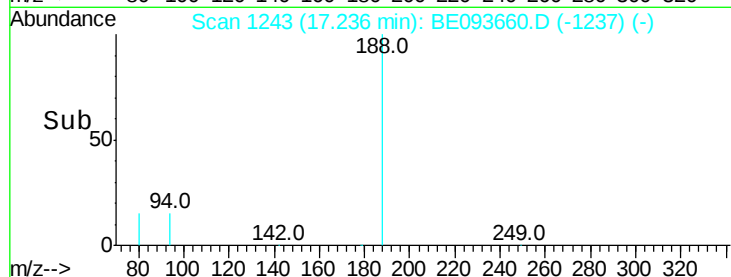
2000

0

17.24

17.20 17.30

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.373 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

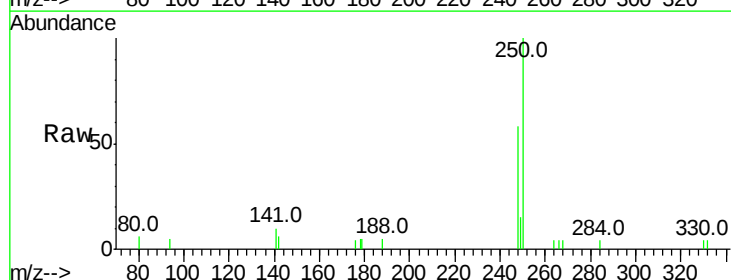
Tgt Ion:248 Resp: 2144

Ion Ratio Lower Upper

248 100

250 171.7 128.0 192.0

141 17.5 12.0 18.0



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

2500

2000

1500

1000

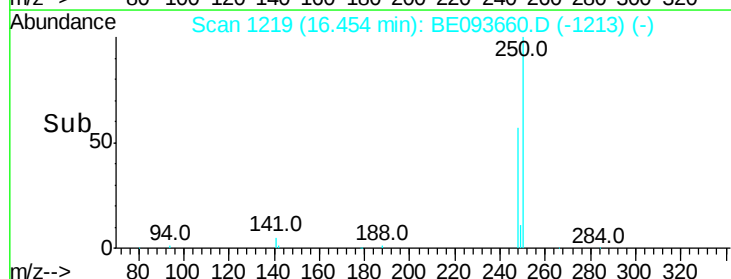
500

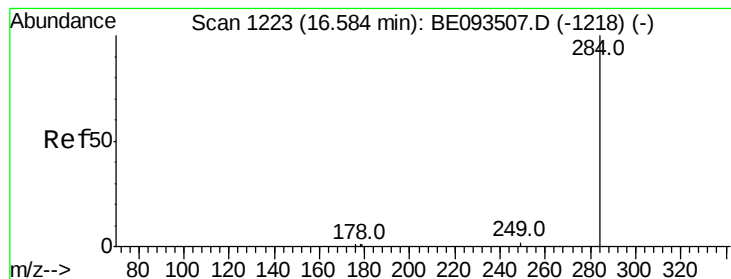
0

16.45

16.30 16.40 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

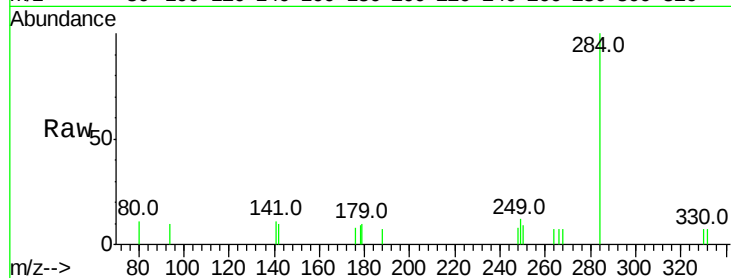
Tot Ion:284 Resp: 2292

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

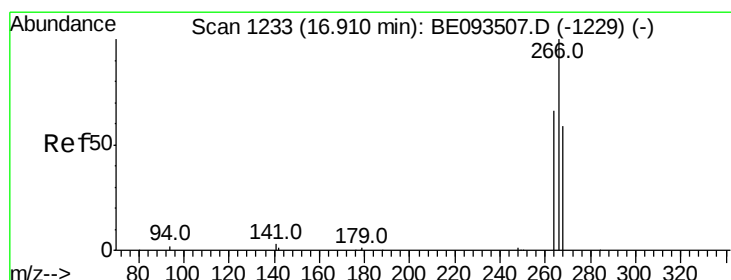
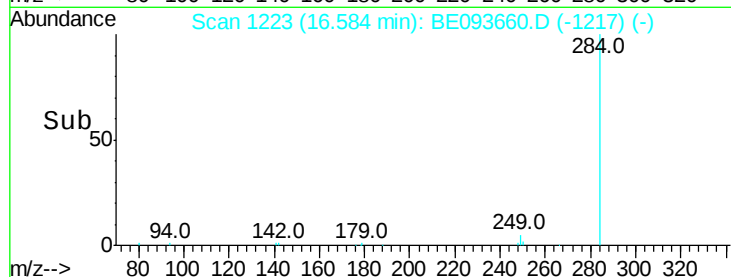
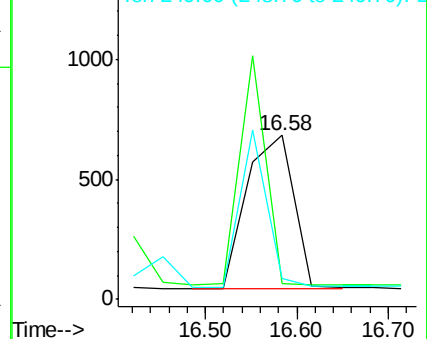
249 0.0 0.0 0.0



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: 0.550 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

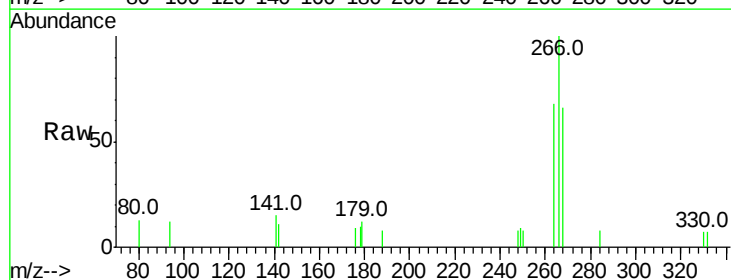
Tgt Ion:266 Resp: 1447

Ion Ratio Lower Upper

266 100

264 68.4 56.0 84.0

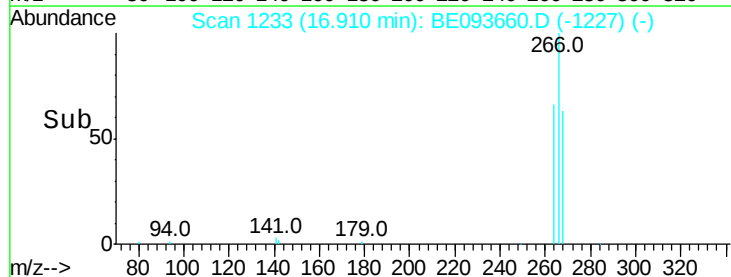
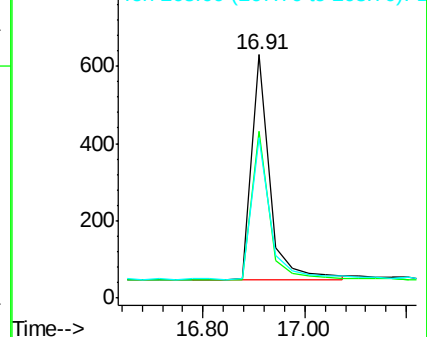
268 65.9 52.0 78.0

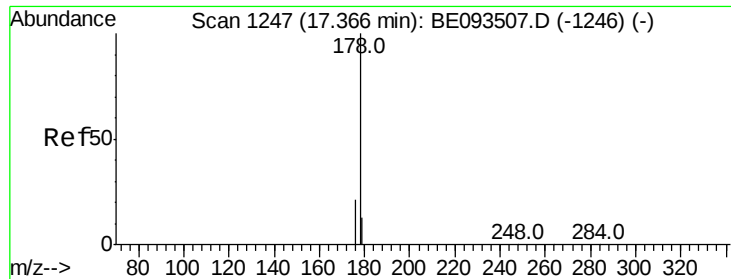


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.691 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampled :

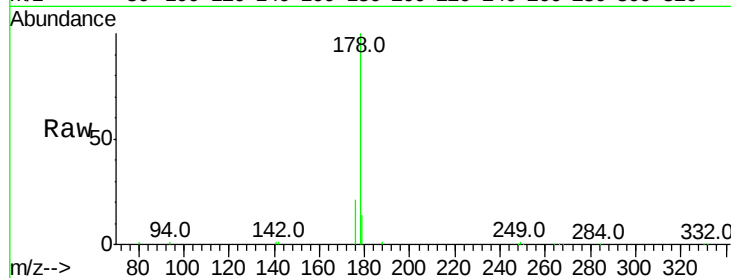
Tot Ion:178 Resp: 38565

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

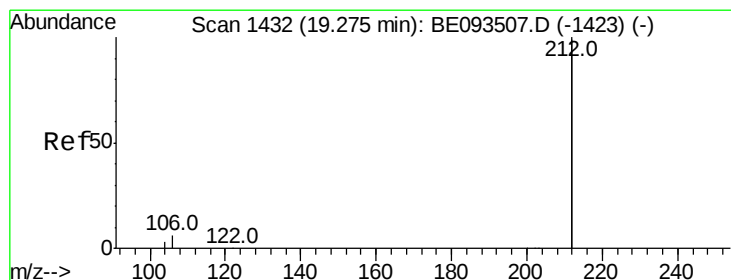
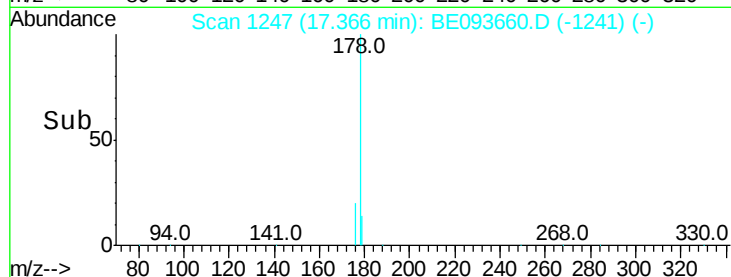
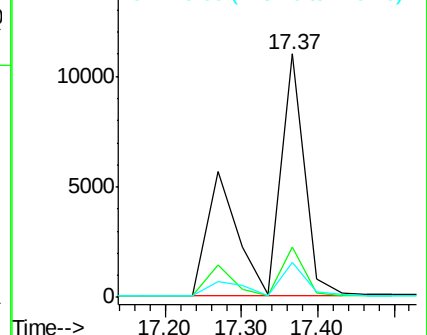
179 13.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

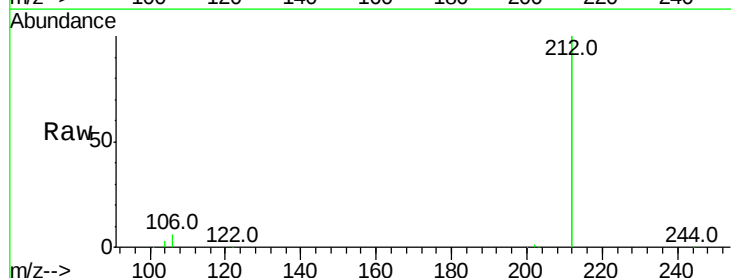
Tgt Ion:212 Resp: 85424

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

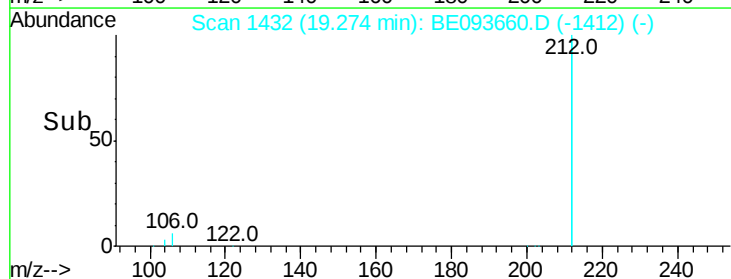
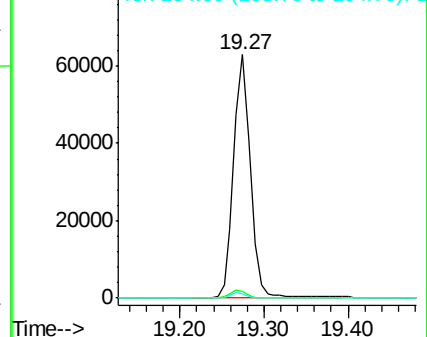
104 1.9 1.6 2.4

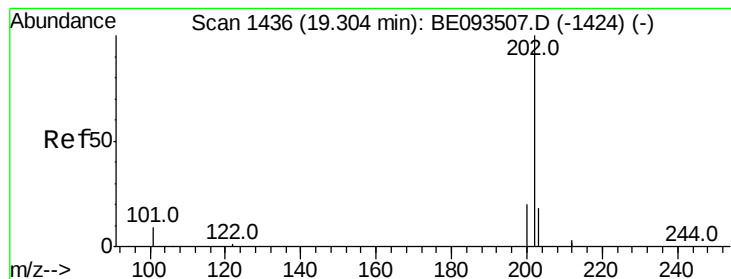


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.400 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

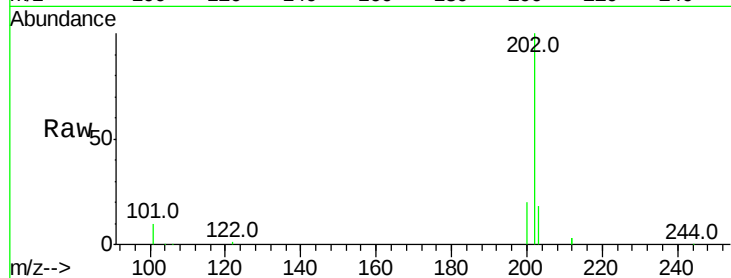
Tot Ion:202 Resp: 25991

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

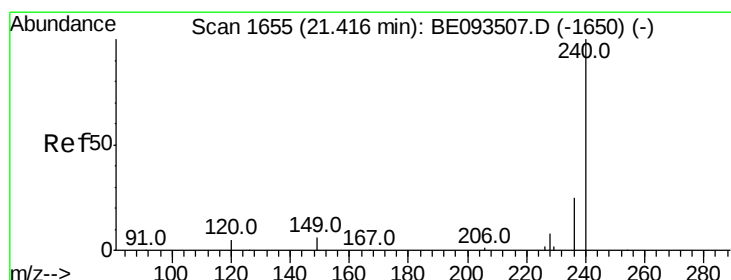
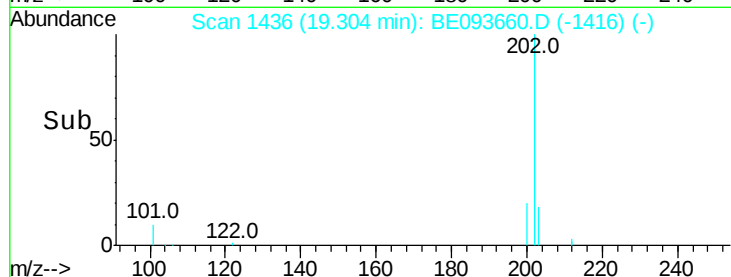
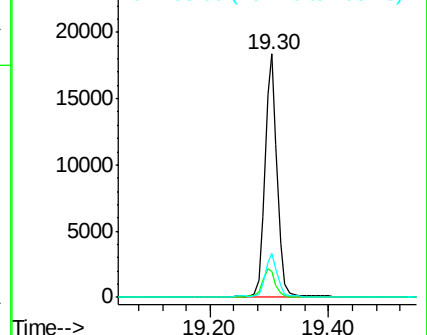
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

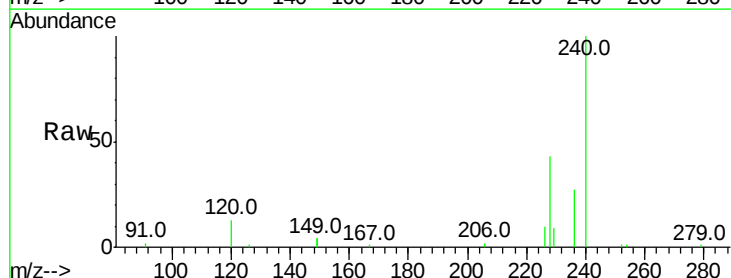
Tgt Ion:240 Resp: 20497

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

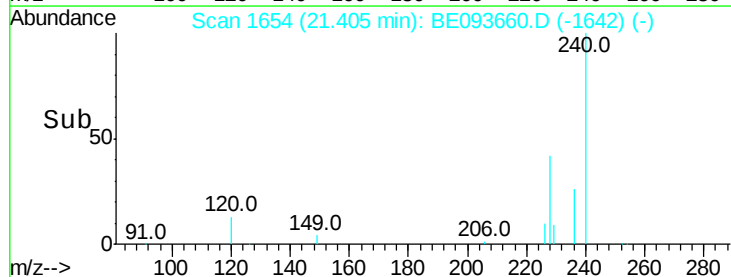
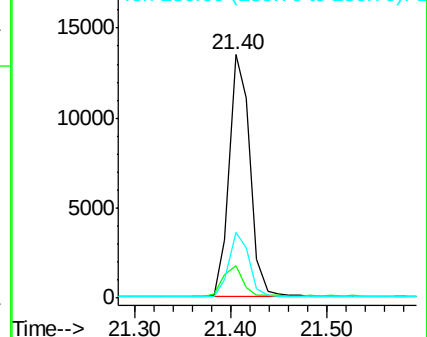
236 26.9 20.8 31.2

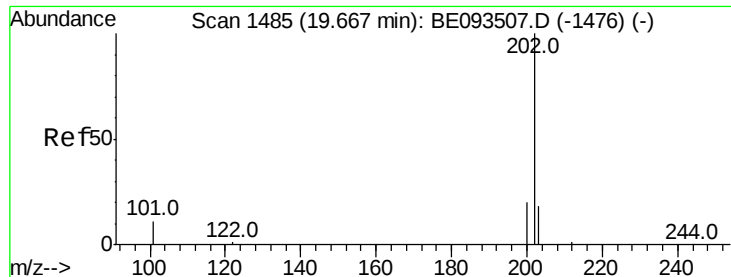


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.403 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

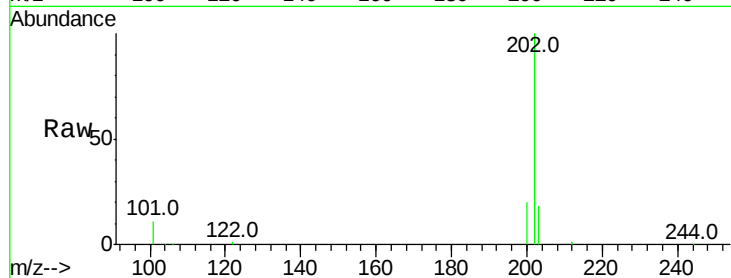
Tot Ion:202 Resp: 26701

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

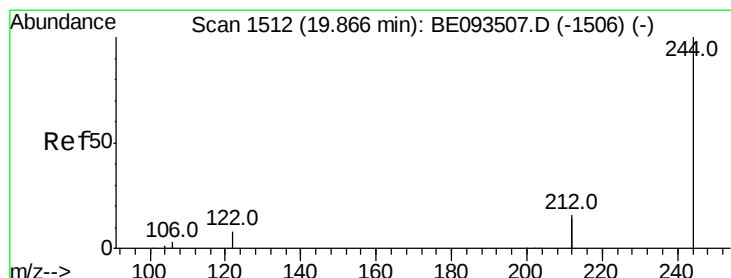
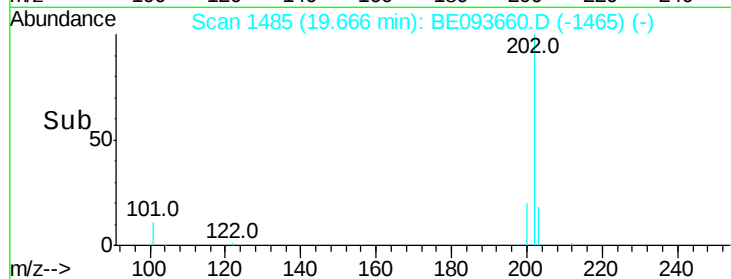
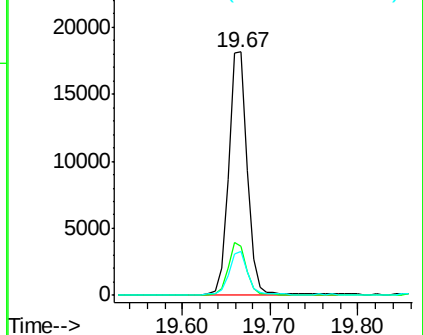
203 17.4 13.7 20.5



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: 0.397 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

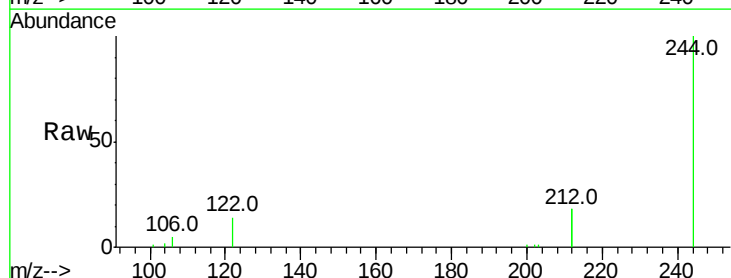
Tgt Ion:244 Resp: 14607

Ion Ratio Lower Upper

244 100

212 35.6 10.6 16.0#

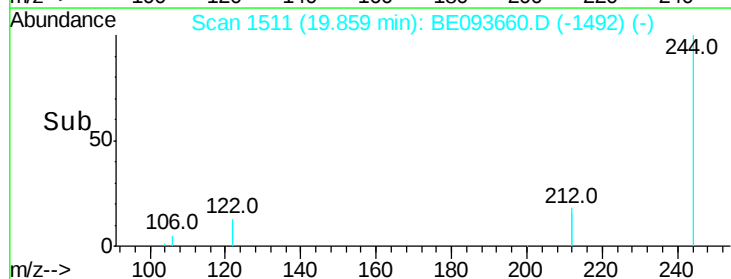
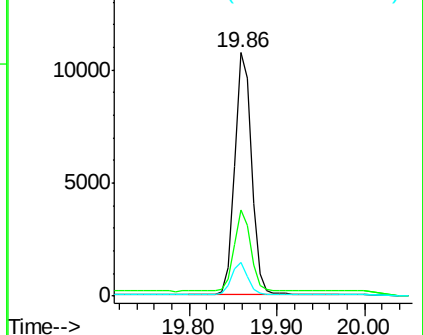
122 13.6 15.4 23.0#

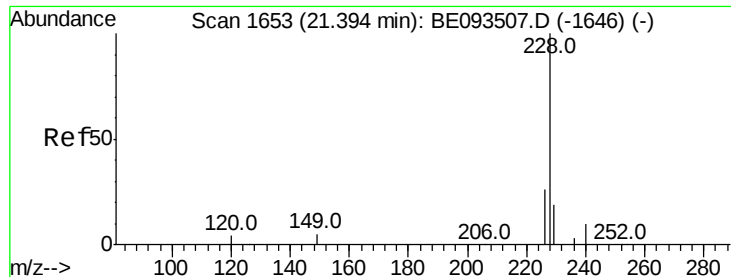


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.431 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampled :

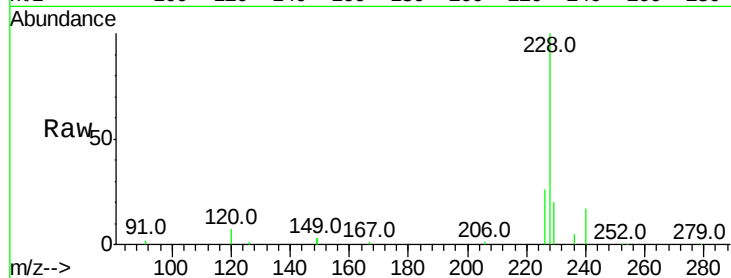
Tot Ion:228 Resp: 25994

Ion Ratio Lower Upper

228 100

226 25.5 19.7 29.5

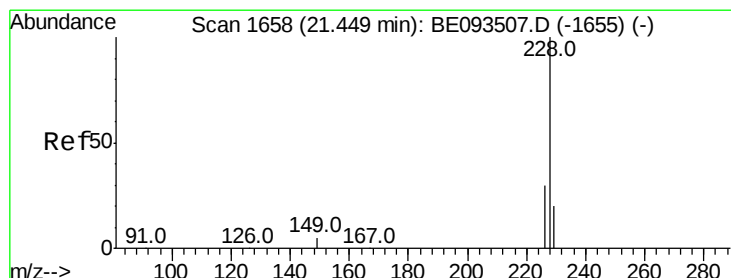
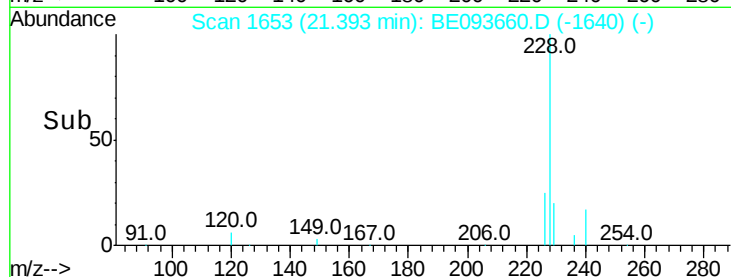
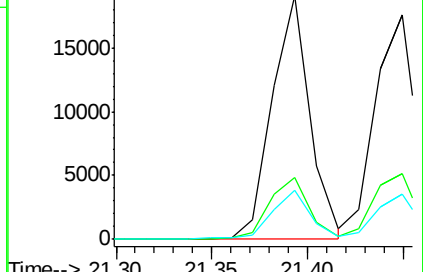
229 20.0 19.2 28.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.389 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

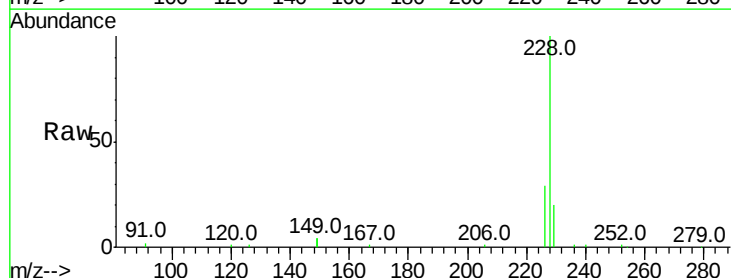
Tgt Ion:228 Resp: 26167

Ion Ratio Lower Upper

228 100

226 29.0 21.5 32.3

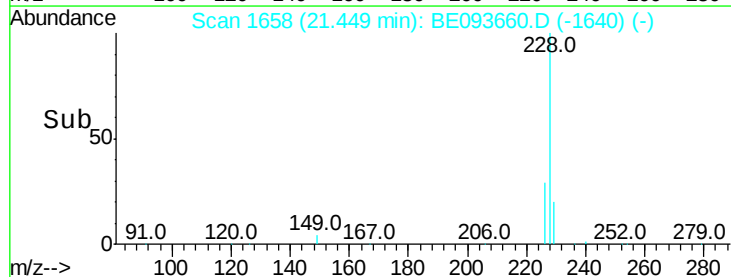
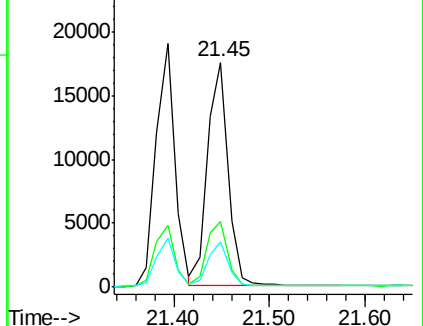
229 20.1 18.6 28.0

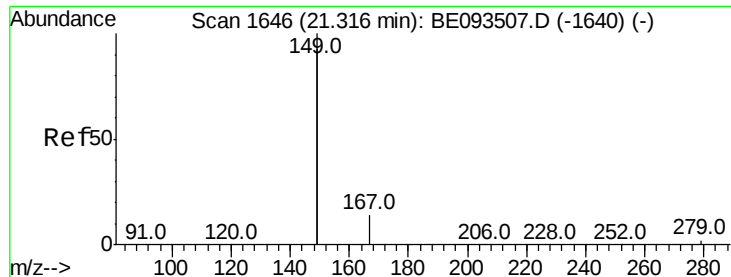


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.660 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

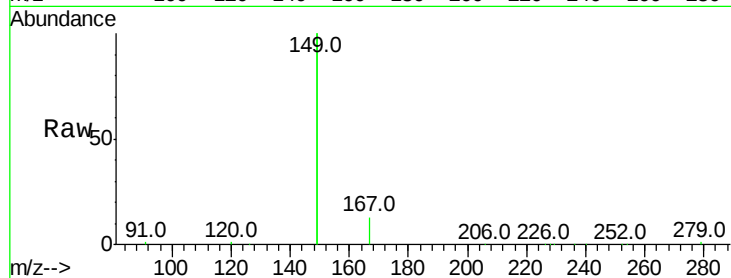
Tot Ion:149 Resp: 54237

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

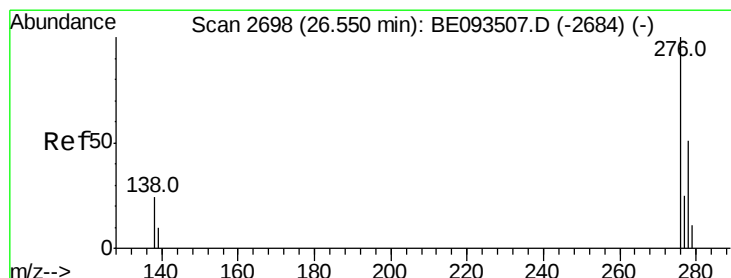
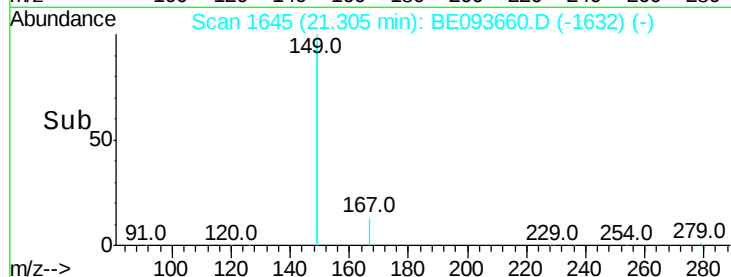
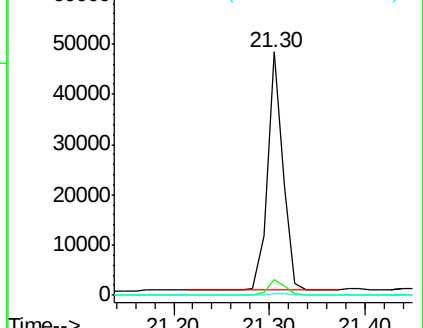
279 0.9 0.8 1.2



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: 0.426 ng

RT: 26.55 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

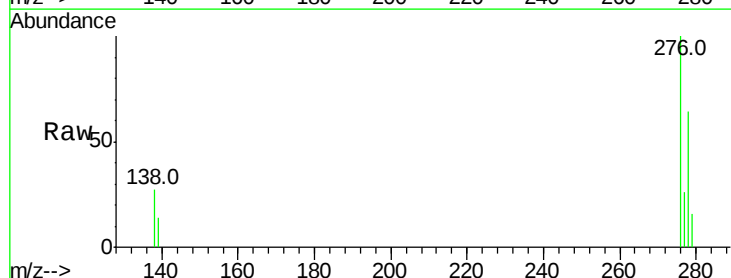
Tgt Ion:276 Resp: 25934

Ion Ratio Lower Upper

276 100

138 28.6 27.4 41.2

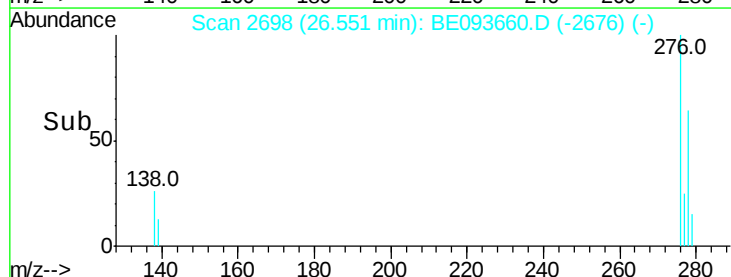
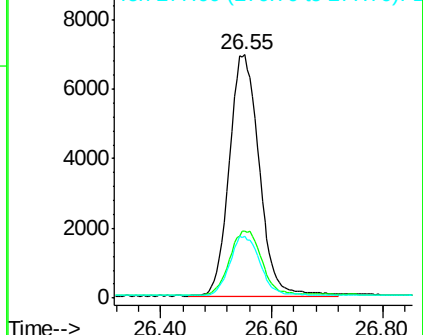
277 24.8 20.1 30.1

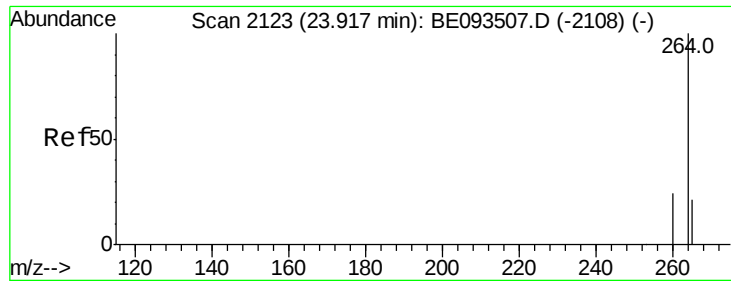


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

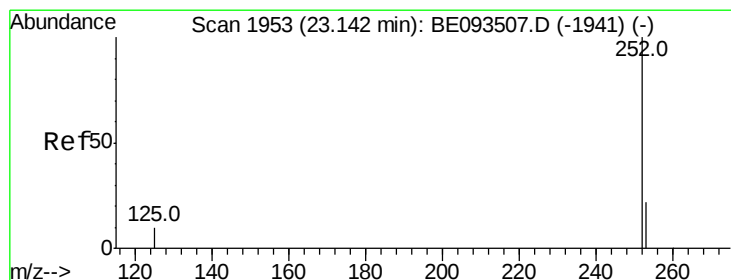
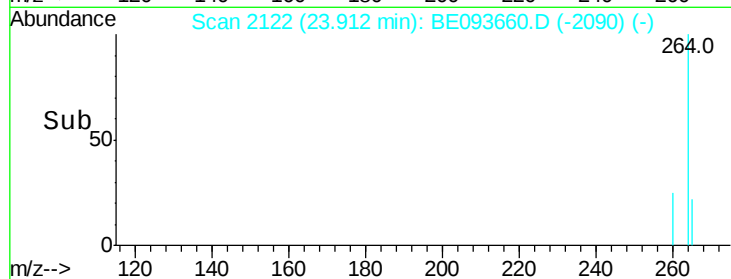
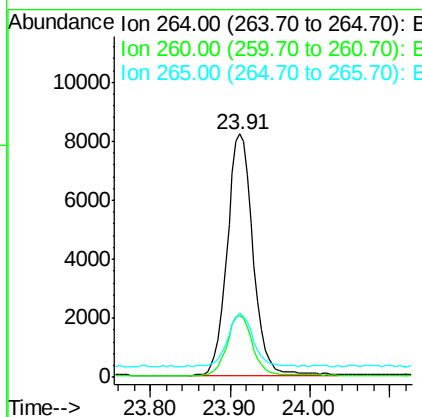
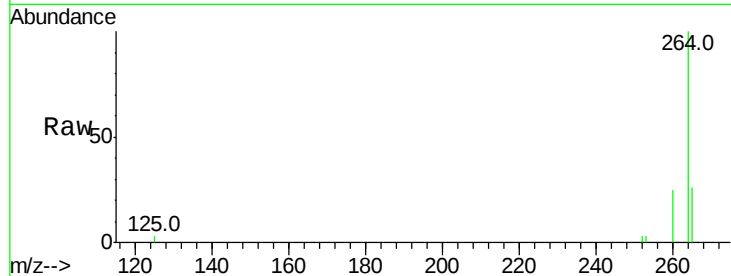




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093660.D
 Acq: 3 Aug 2017 17:12

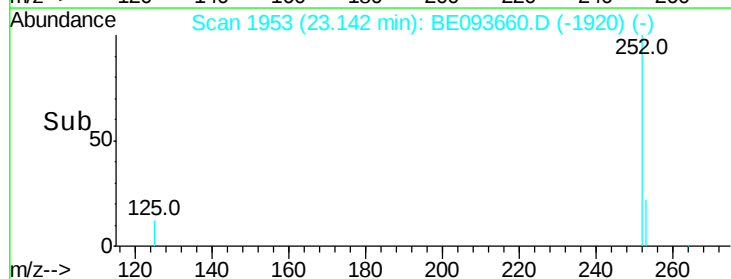
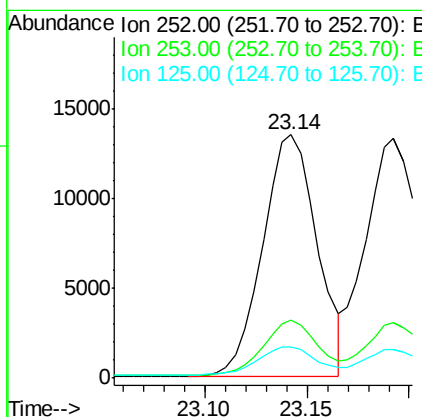
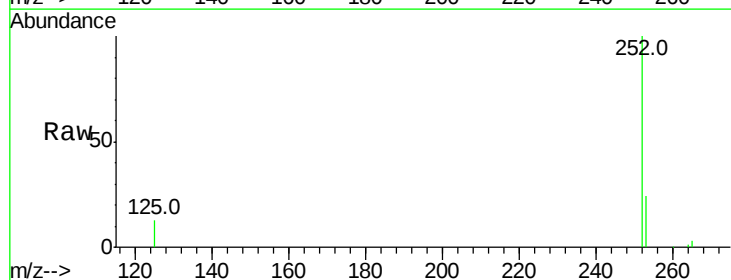
Instrument :
 BNA_E
 ClientSampled :

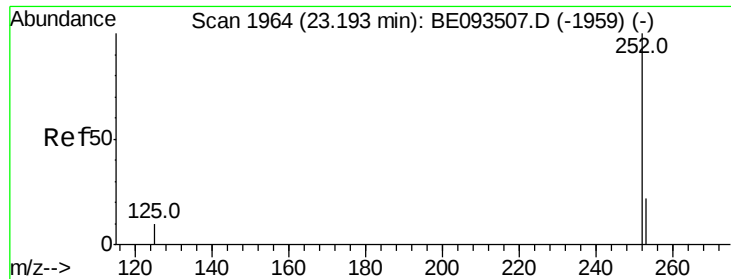
Tot Ion:264 Resp: 18349
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.0 31.4
 265 26.4 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.380 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093660.D
 Acq: 3 Aug 2017 17:12

Tgt Ion:252 Resp: 24864
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.5 27.7
 125 13.0 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

Instrument :

BNA_E

ClientSampleId :

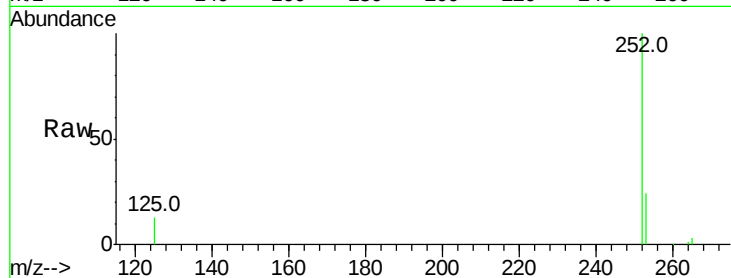
Tot Ion:252 Resp: 24864

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

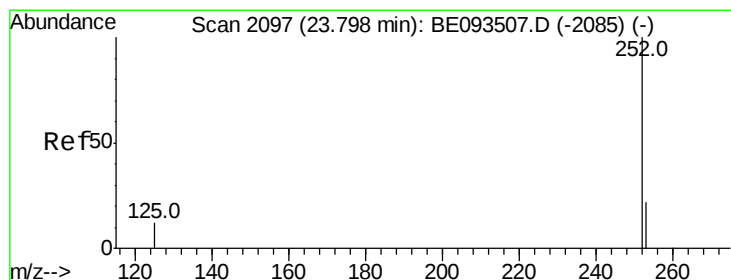
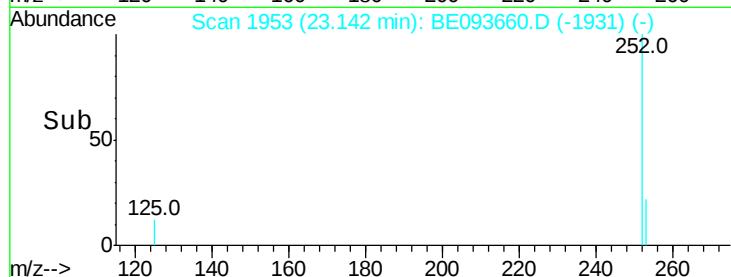
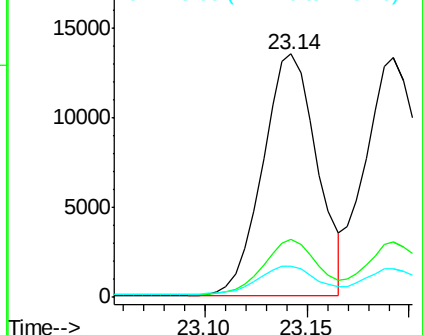
125 13.0 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093660.D

Acq: 3 Aug 2017 17:12

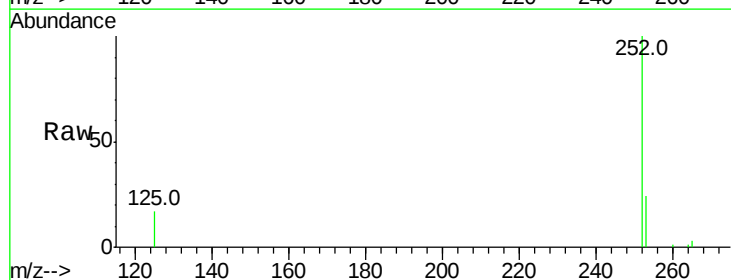
Tgt Ion:252 Resp: 23805

Ion Ratio Lower Upper

252 100

253 23.7 19.9 29.9

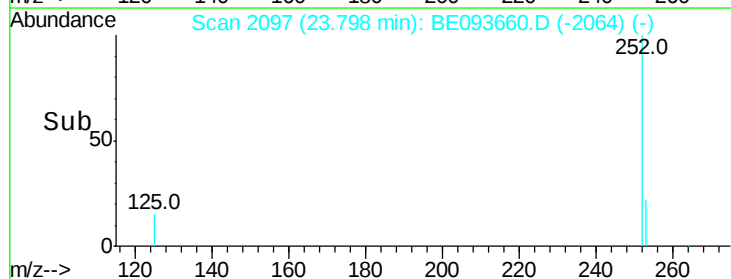
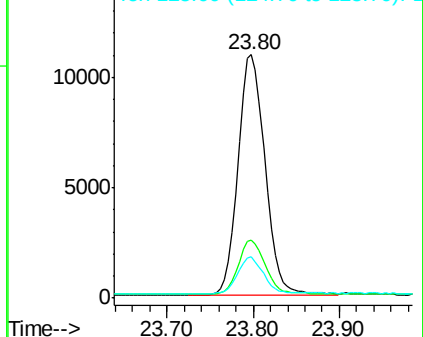
125 16.9 14.6 21.8

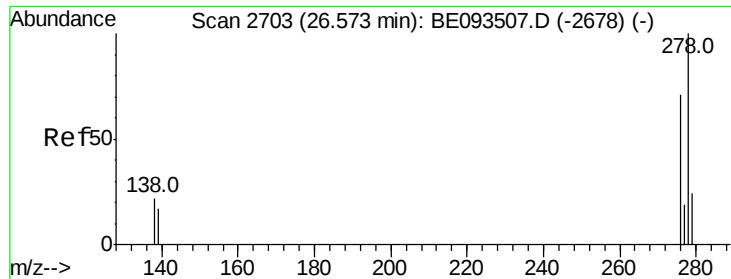


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



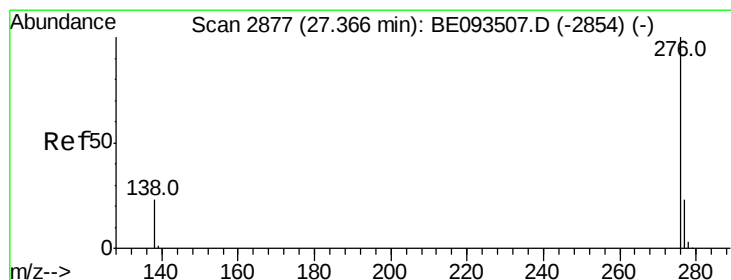
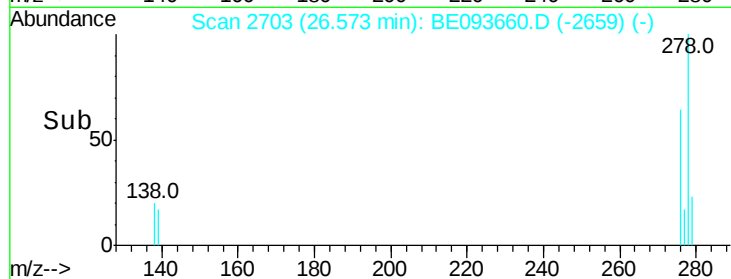
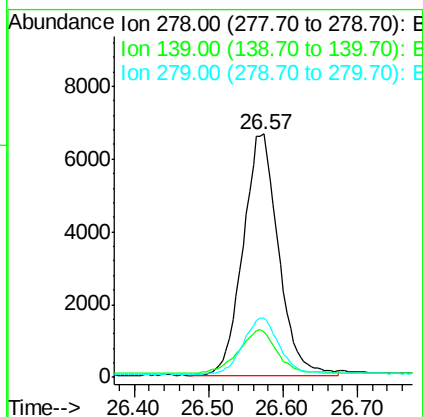
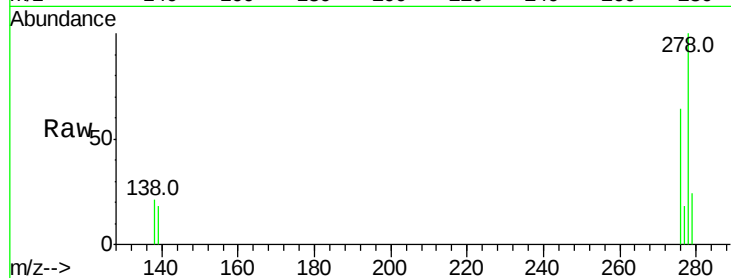


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.00 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 21951

Ion	Ratio	Lower	Upper
278	100		
139	18.4	21.4	32.0#
279	24.2	22.2	33.2



#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BE093660.D
Acq: 3 Aug 2017 17:12

Tgt Ion:276 Resp: 22175

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.2	31.8
138	24.6	24.5	36.7

