

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093463.D
 Acq On : 14 Jul 2017 9:49
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc : L00 0.2 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 01:26:01 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4673	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	24125	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15228	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29312	0.40	ng	0.00
27) Chrysene-d12	21.41	240	41791	0.40	ng	-0.01
34) Perylene-d12	23.93	264	36034	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	5303	0.38	ng	0.00
5) Phenol-d6	7.10	99	8120	0.39	ng	0.00
8) Nitrobenzene-d5	9.08	82	6781	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	15371	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1232	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	23145	0.39	ng	0.00
25) Fluoranthene-d10	19.28	212	169379	0.48	ng	0.00
29) Terphenyl-d14	19.87	244	30180	0.40	ng	0.00

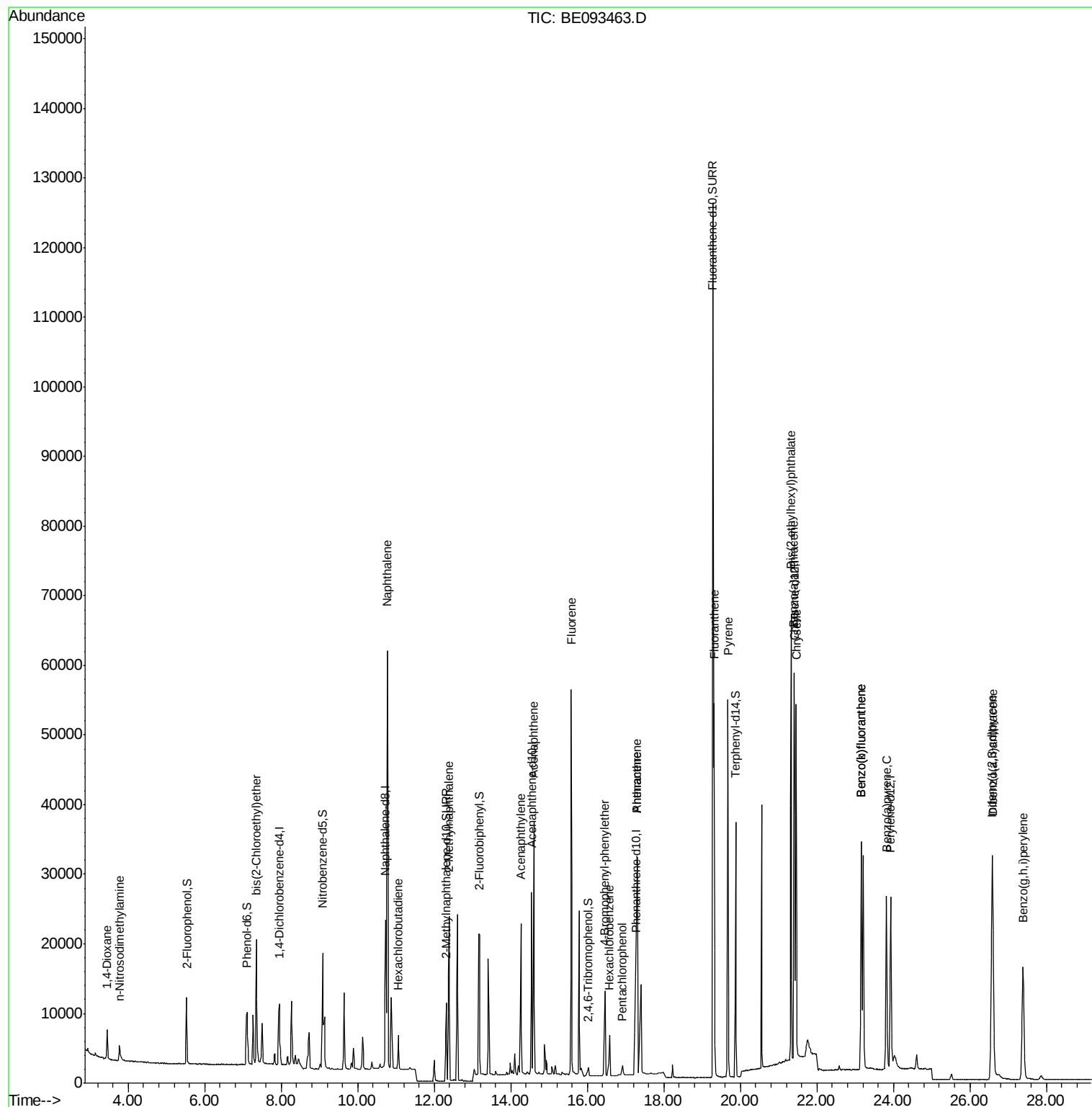
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3513	0.355	ng	97
3) n-Nitrosodimethylamine	3.76	42	2268	0.438	ng	# 96
6) bis(2-Chloroethyl)ether	7.35	93	6198	0.396	ng	# 99
9) Naphthalene	10.77	128	96937	0.384	ng	# 73
10) Hexachlorobutadiene	11.06	225	3638	0.379	ng	98
12) 2-Methylnaphthalene	12.38	142	16858	0.397	ng	96
16) Acenaphthylene	14.26	152	24320	0.383	ng	# 88
17) Acenaphthene	14.60	154	17856	0.384	ng	99
18) Fluorene	15.58	166	22933	0.360	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	9768	0.608	ng	# 3
21) Hexachlorobenzene	16.58	284	9206	0.531	ng	# 100
22) Pentachlorophenol	16.91	266	1338	0.593	ng	# 79
23) Phenanthrene	17.30	178	47083	0.442	ng	97
24) Anthracene	17.30	178	49238	0.754	ng	97
26) Fluoranthene	19.31	202	47944	0.479	ng	99
28) Pyrene	19.67	202	48467	0.413	ng	# 99
30) Benzo(a)anthracene	21.40	228	44102	0.391	ng	94
31) Chrysene	21.46	228	46393	0.393	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	71585	0.441	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.57	276	43700	0.422	ng	96
35) Benzo(b)fluoranthene	23.16	252	44136	0.379	ng	98
36) Benzo(k)fluoranthene	23.16	252	44136	0.383	ng	98
37) Benzo(a)pyrene	23.82	252	40155	0.394	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	38940	0.393	ng	# 91
39) Benzo(g,h,i)perylene	27.39	276	38586	0.386	ng	91

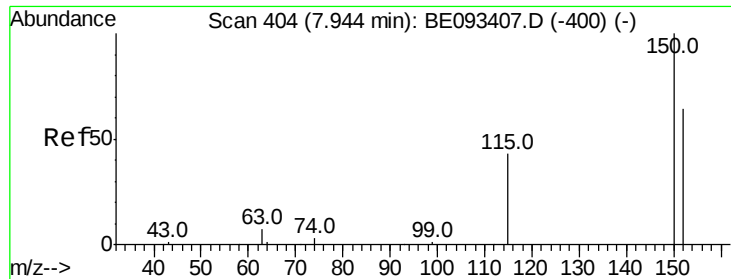
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093463.D
Acq On : 14 Jul 2017 9:49
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 17 01:26:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

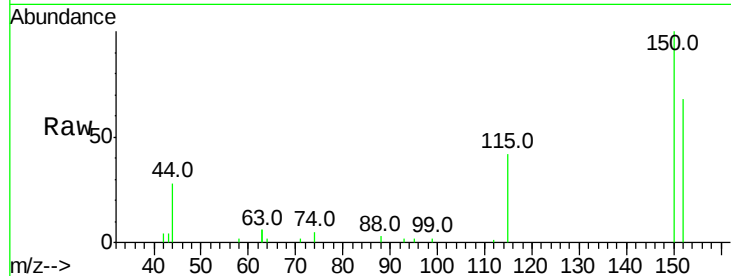
Tot Ion:152 Resp: 4673

Ion Ratio Lower Upper

152 100

150 147.7 125.1 187.7

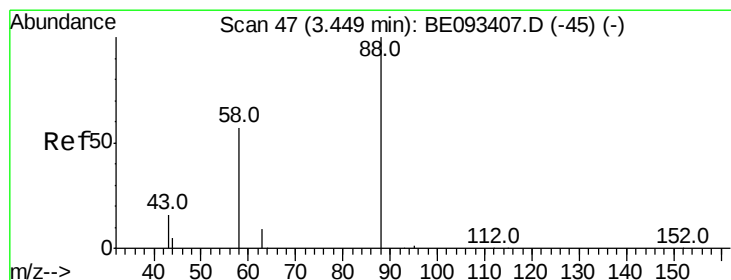
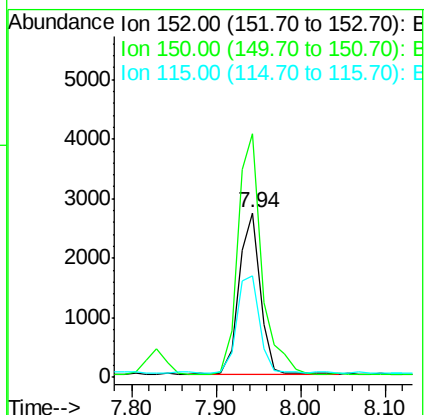
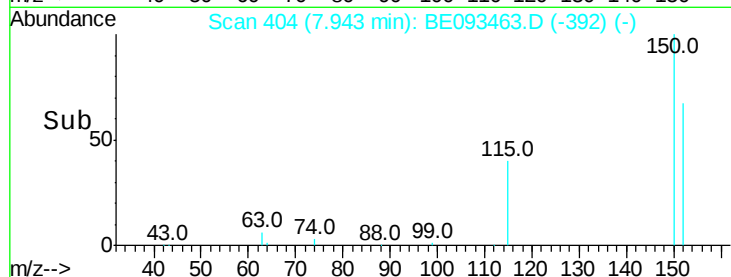
115 61.4 55.7 83.5



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: 0.355 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

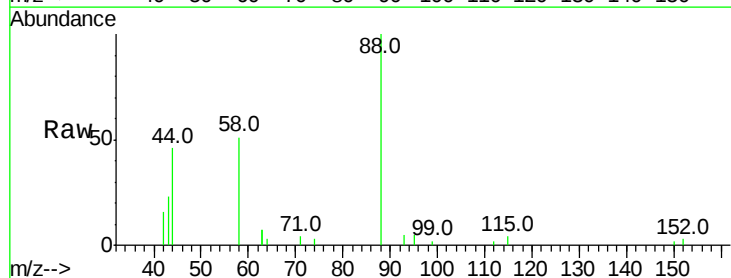
Tgt Ion: 88 Resp: 3513

Ion Ratio Lower Upper

88 100

58 74.8 62.2 93.4

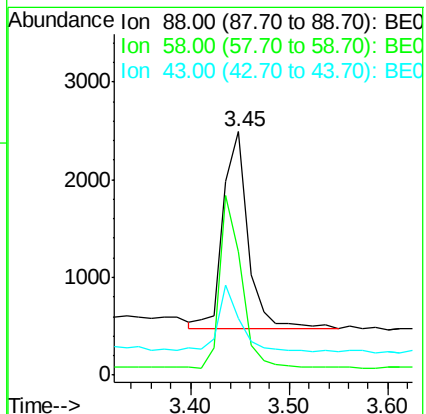
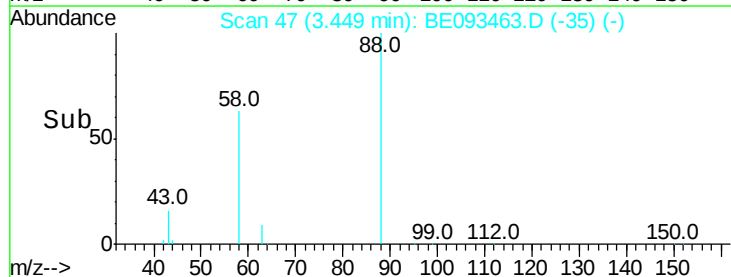
43 28.6 23.2 34.8



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



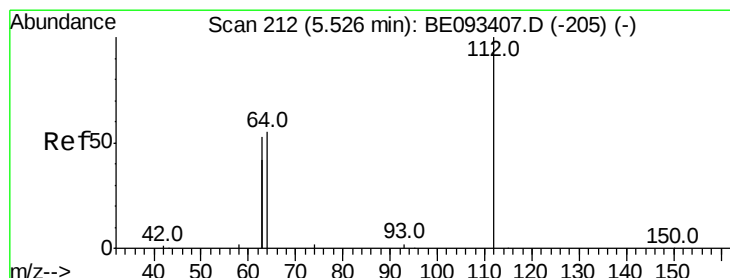
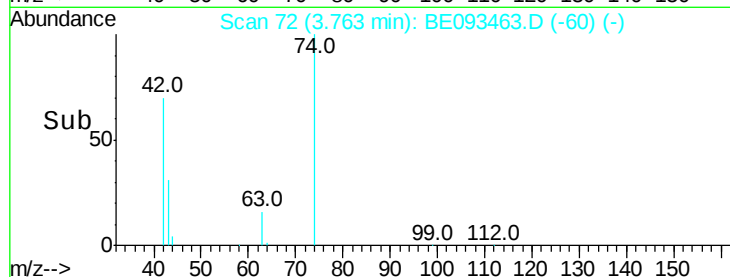
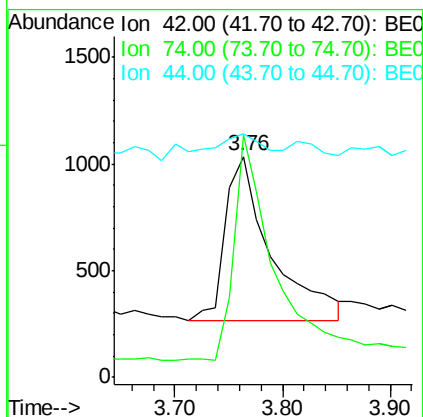
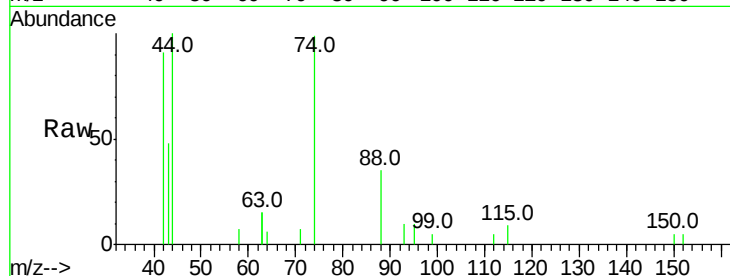


#3

n-Nitrosodimethylamine
 Concen: 0.438 ng
 RT: 3.76 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093463.D
 Acq: 14 Jul 2017 9:49

Instrument :
 BNA_E
 ClientSampleId :

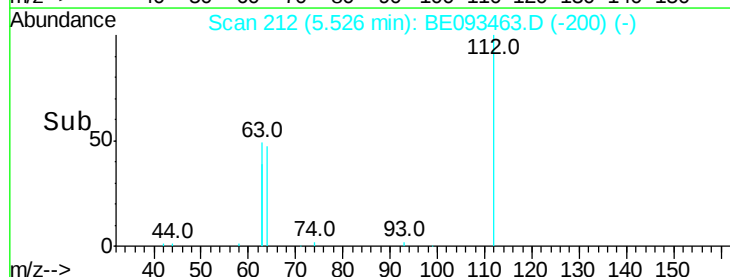
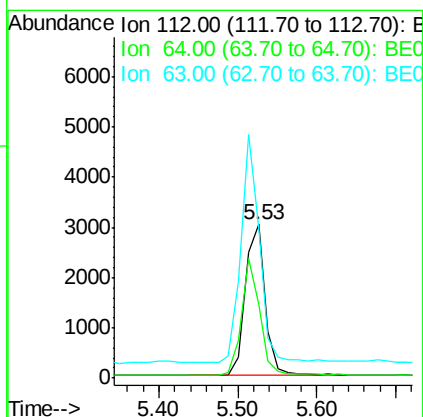
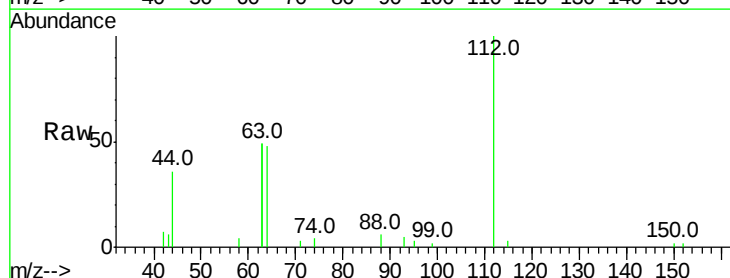
Tot Ion: 42 Resp: 2268
 Ion Ratio Lower Upper
 42 100
 74 121.5 99.1 148.7
 44 22.0 7.4 11.2#

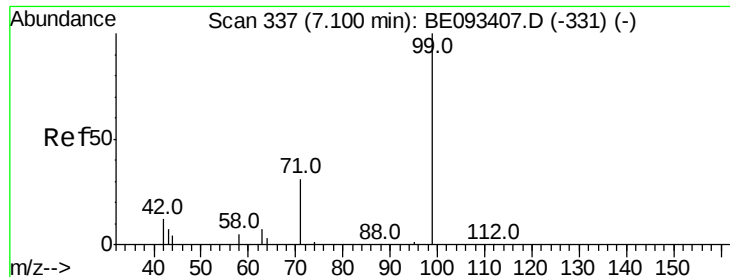


#4

2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093463.D
 Acq: 14 Jul 2017 9:49

Tgt Ion: 112 Resp: 5303
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.4 84.6
 63 138.8 29.3 43.9#





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampled :

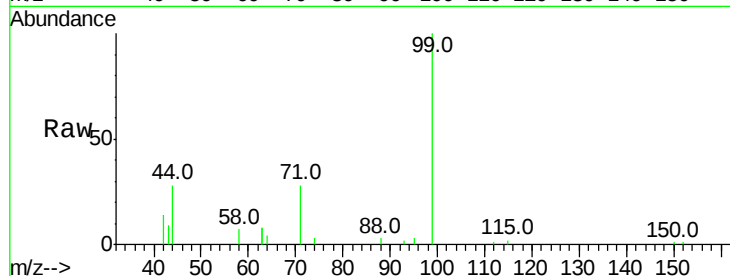
Tot Ion: 99 Resp: 8120

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

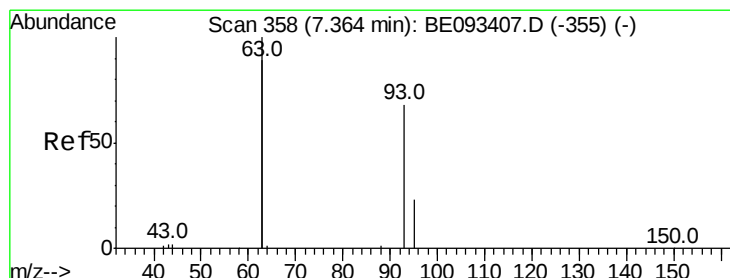
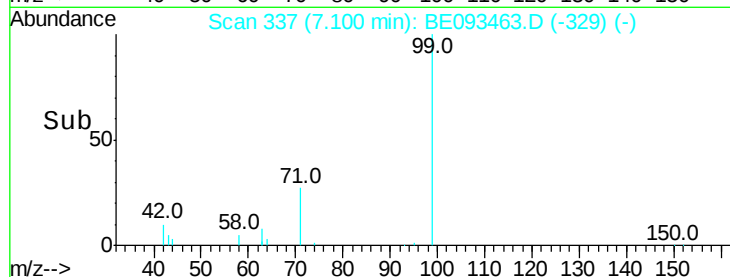
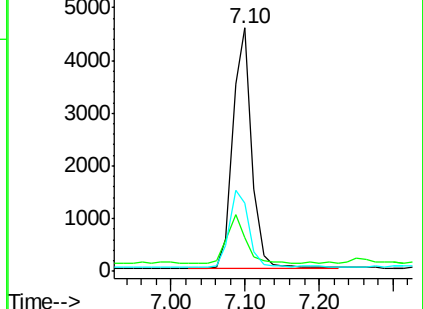
71 33.6 0.0 0.0#



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: 0.396 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

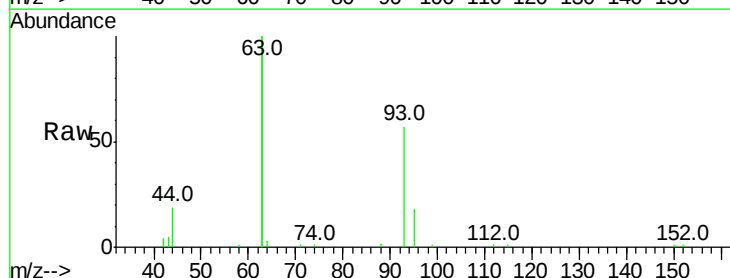
Tgt Ion: 93 Resp: 6198

Ion Ratio Lower Upper

93 100

63 337.5 0.0 0.0#

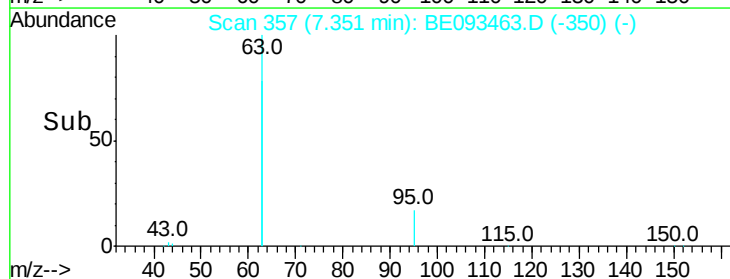
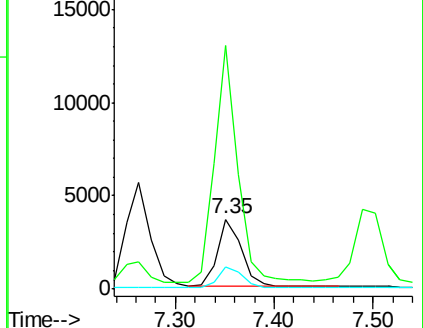
95 32.3 25.4 38.0

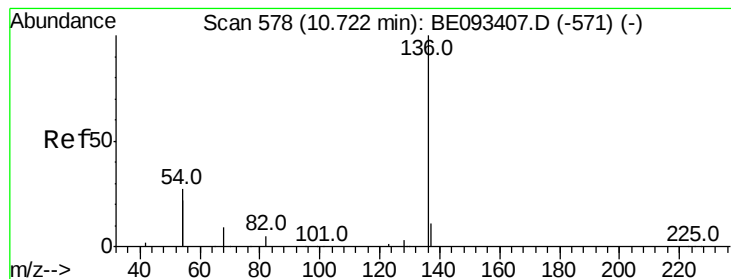


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24125

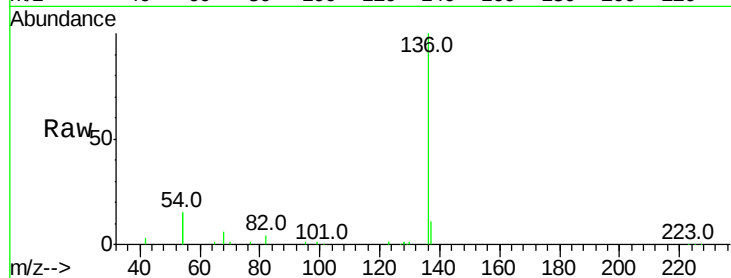
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 30.3 10.3 15.5#

68 6.1 9.0 13.4#

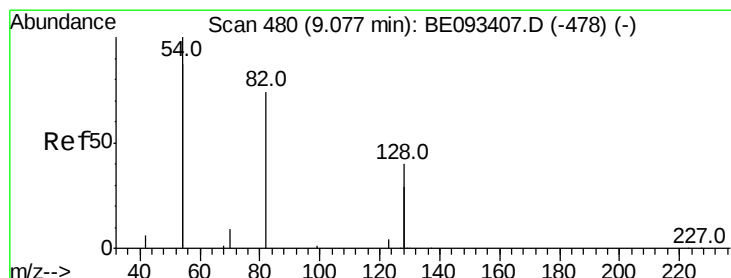
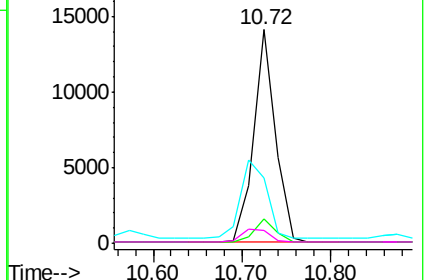
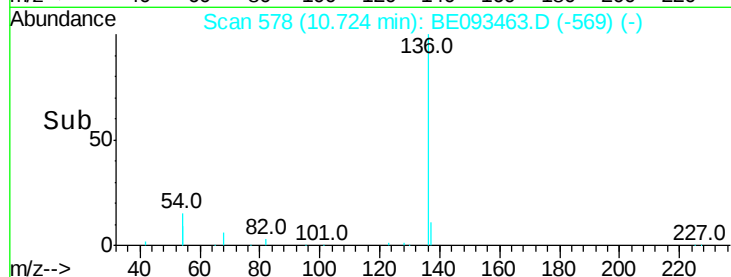


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.440 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

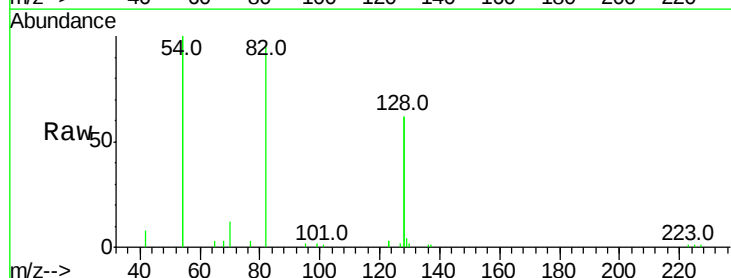
Tgt Ion: 82 Resp: 6781

Ion Ratio Lower Upper

82 100

128 130.3 17.0 25.4#

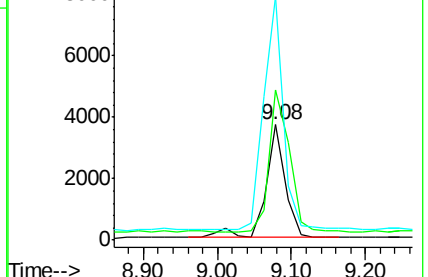
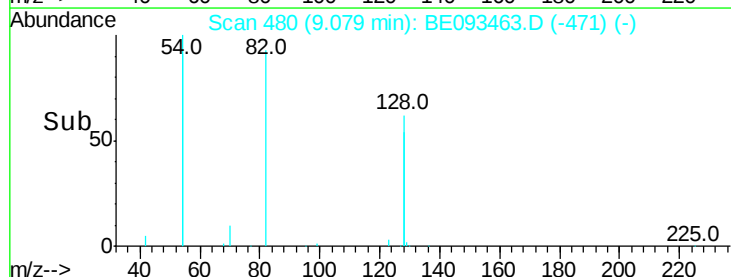
54 211.1 53.8 80.6#

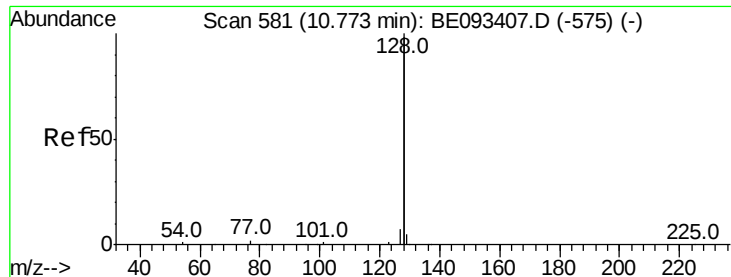


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.384 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

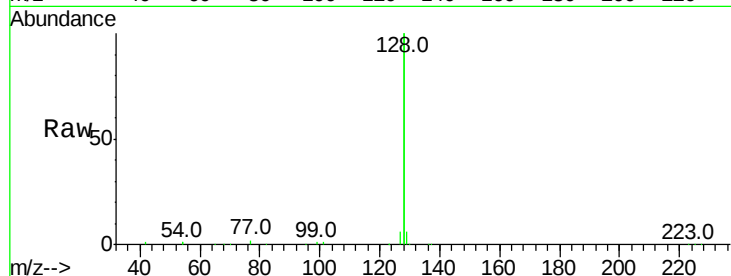
Tot Ion:128 Resp: 96937

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

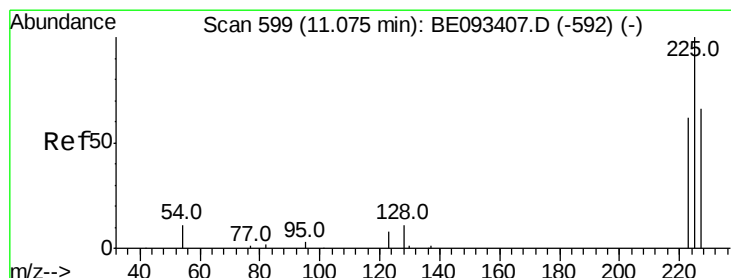
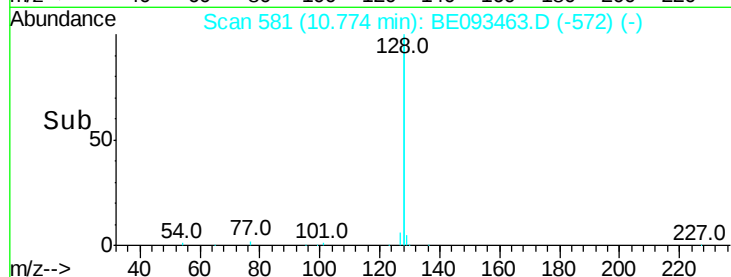
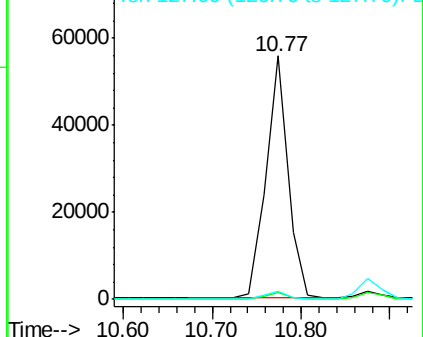
127 3.2 11.2 16.8#



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: 0.379 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

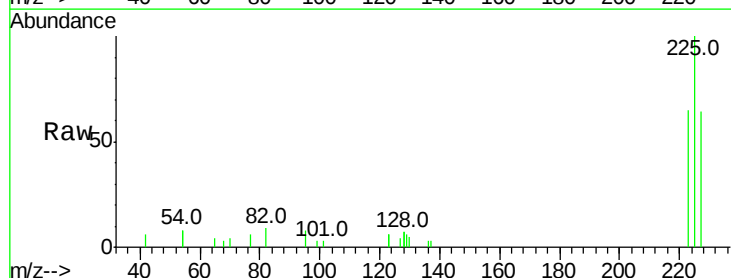
Tgt Ion:225 Resp: 3638

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

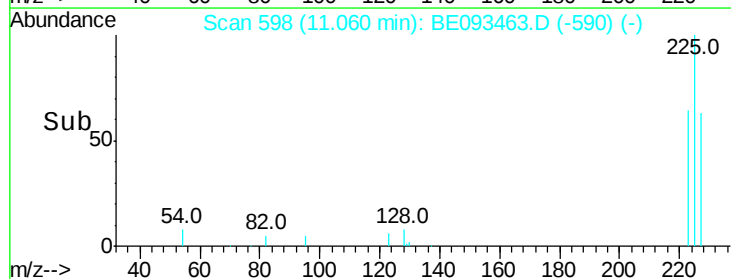
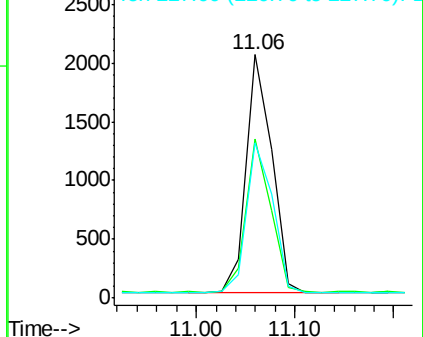
227 65.2 50.3 75.5

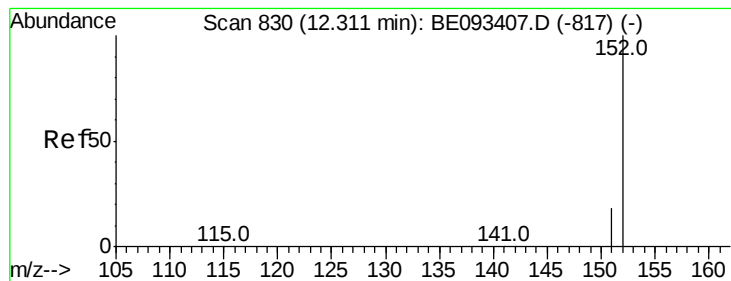


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

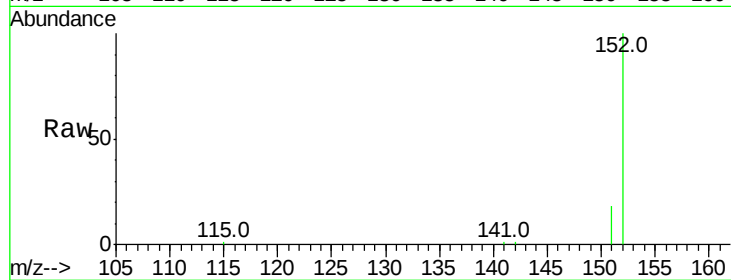
ClientSampleId :

Tot Ion:152 Resp: 15371

Ion Ratio Lower Upper

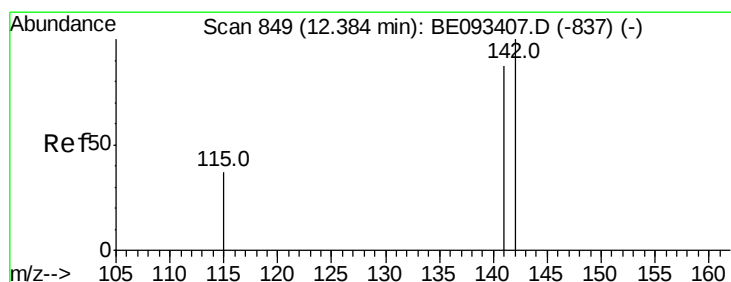
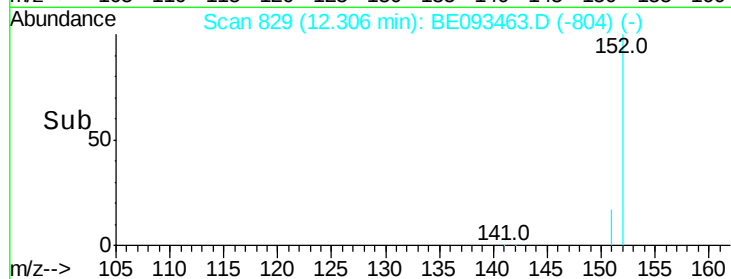
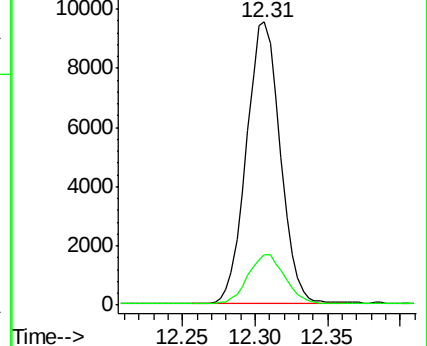
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

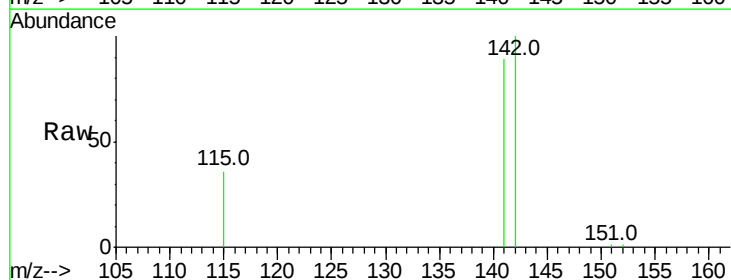
Tgt Ion:142 Resp: 16858

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

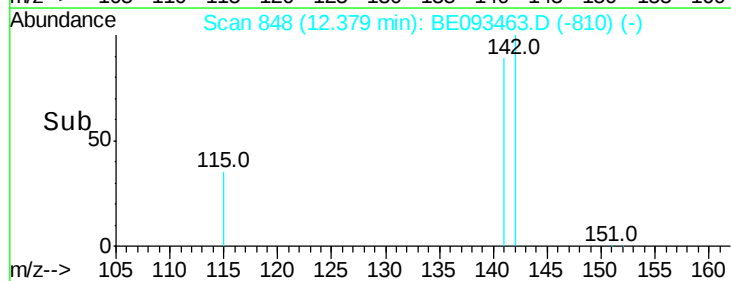
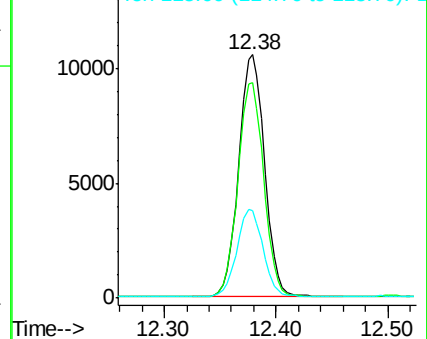
115 35.8 32.2 48.2

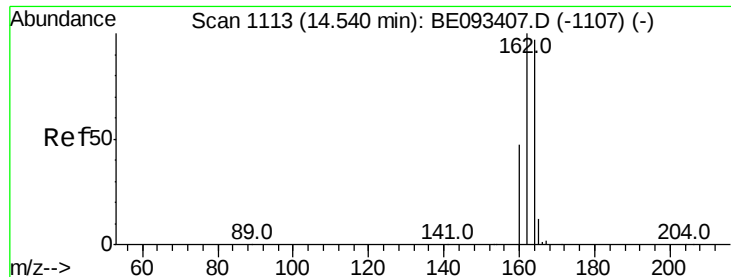


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

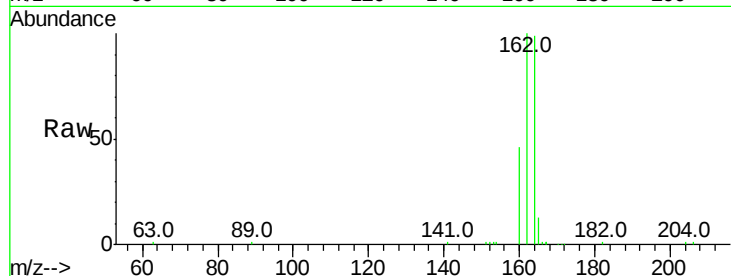
Tot Ion:164 Resp: 15228

Ion Ratio Lower Upper

164 100

162 101.2 84.6 127.0

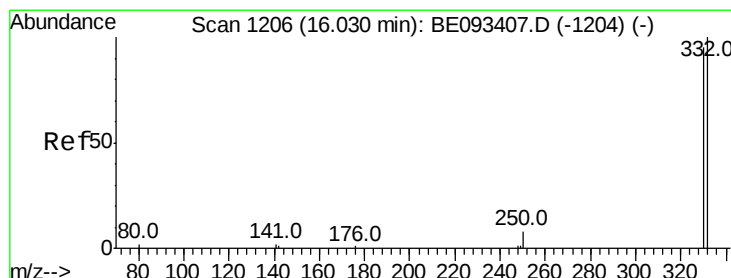
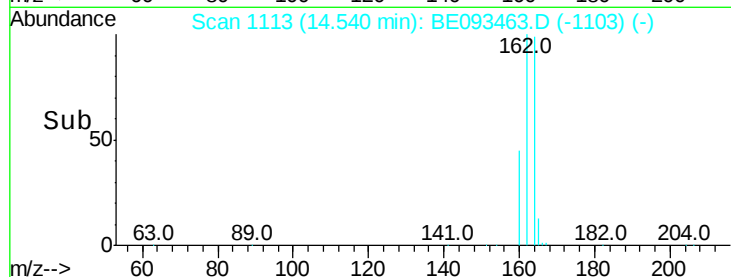
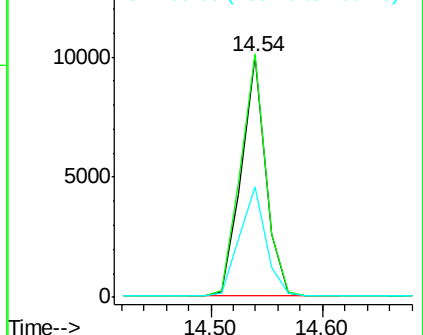
160 46.2 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

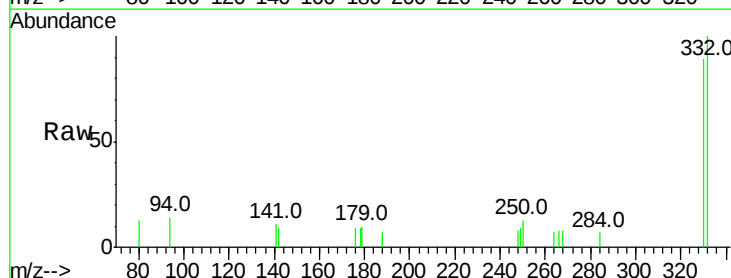
Tgt Ion:330 Resp: 1232

Ion Ratio Lower Upper

330 100

332 110.0 77.7 116.5

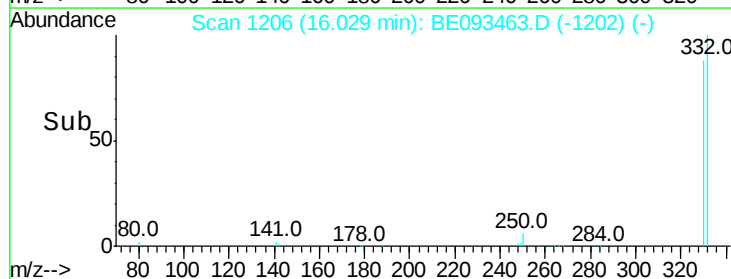
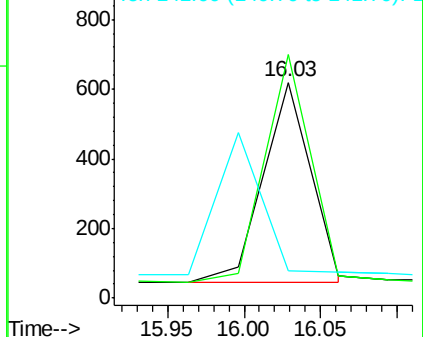
141 0.0 56.2 84.4#

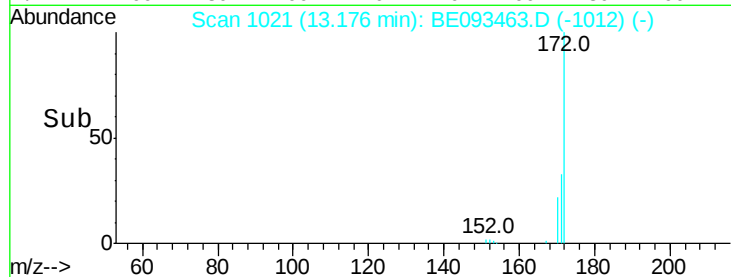
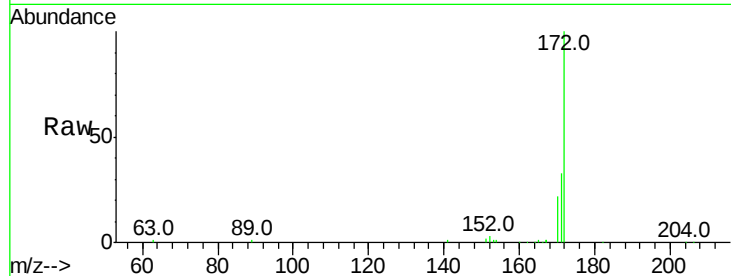
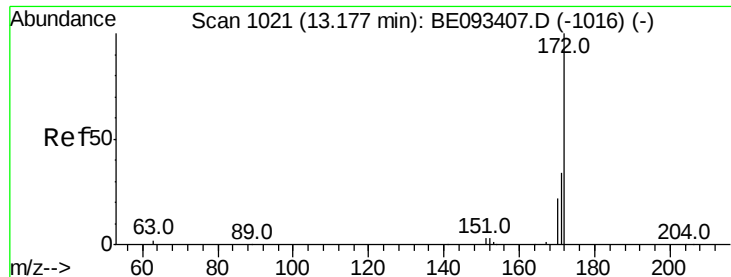


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

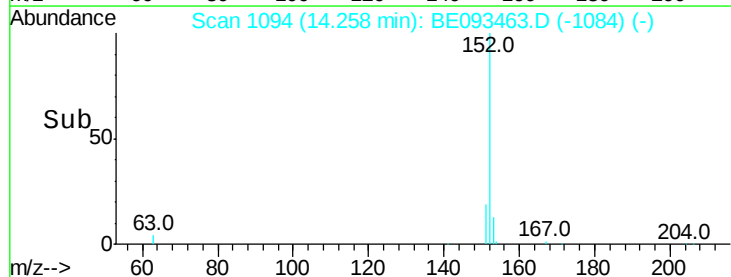
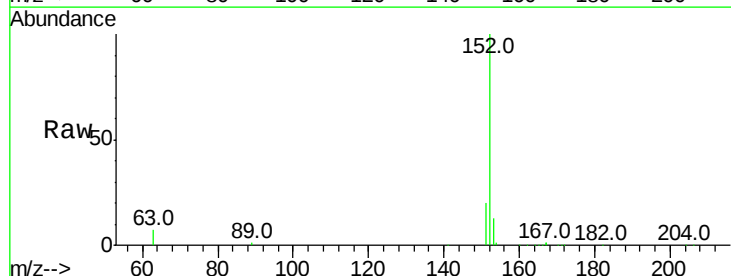
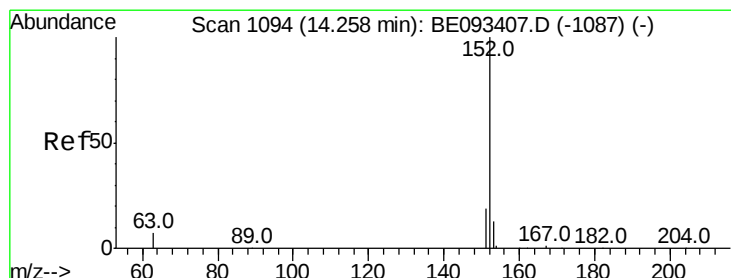
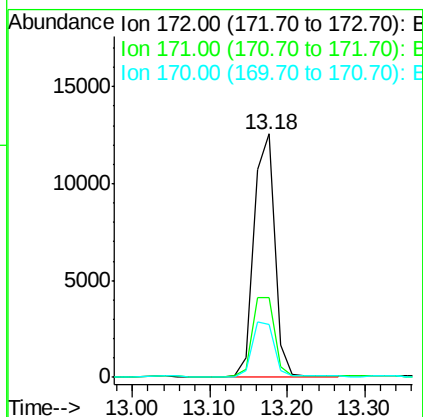




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093463.D
Acq: 14 Jul 2017 9:49

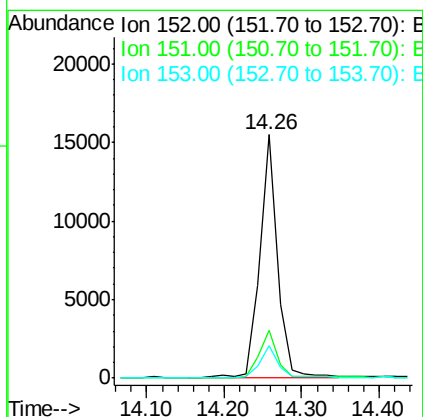
Instrument :
BNA_E
ClientSampleId :

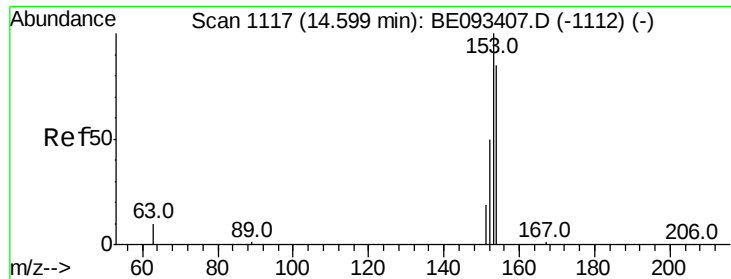
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.8	44.6
170	22.0	20.7	31.1



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093463.D
Acq: 14 Jul 2017 9:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	12.9	10.3	15.5

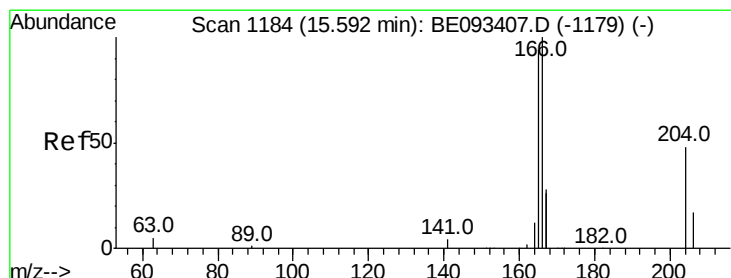
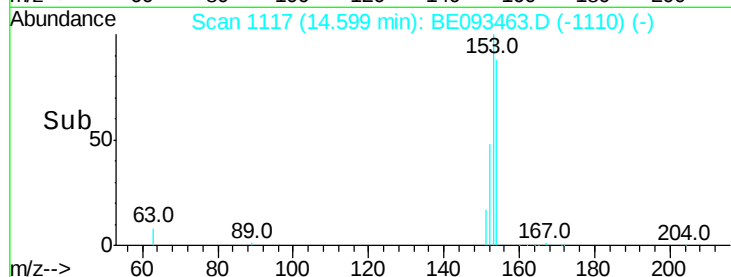
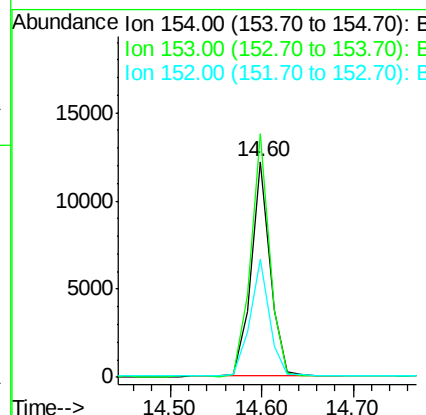
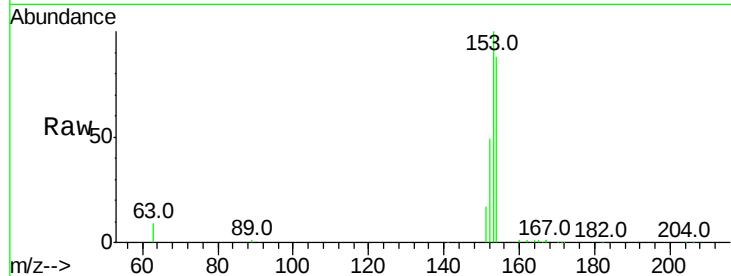




#17
Acenaphthene
Concen: 0.384 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093463.D
Acq: 14 Jul 2017 9:49

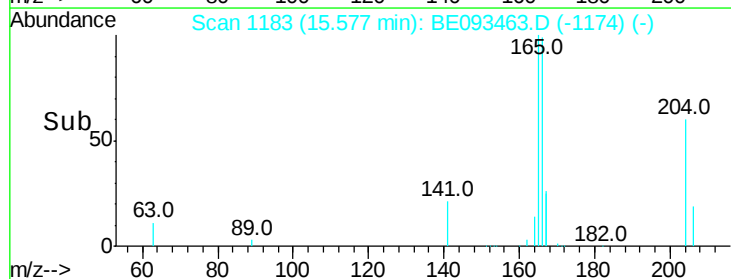
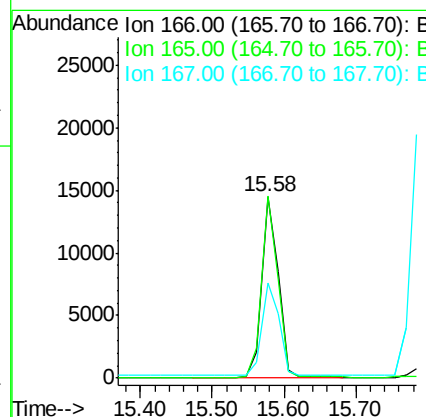
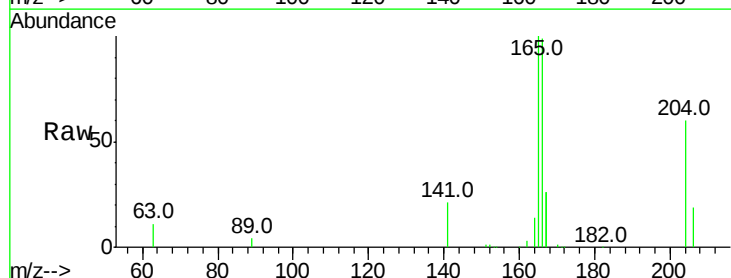
Instrument :
BNA_E
ClientSampleId :

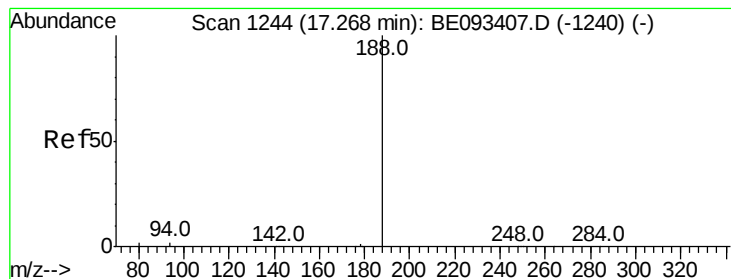
Tot Ion:154 Resp: 17856
Ion Ratio Lower Upper
154 100
153 112.4 91.2 136.8
152 55.9 44.8 67.2



#18
Fluorene
Concen: 0.360 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093463.D
Acq: 14 Jul 2017 9:49

Tgt Ion:166 Resp: 22933
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 54.1 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

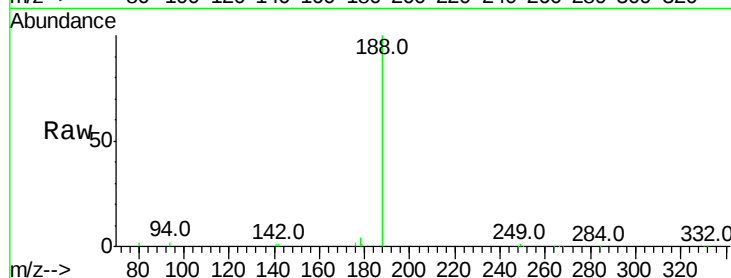
Tot Ion:188 Resp: 29312

Ion Ratio Lower Upper

188 100

94 2.4 11.3 16.9#

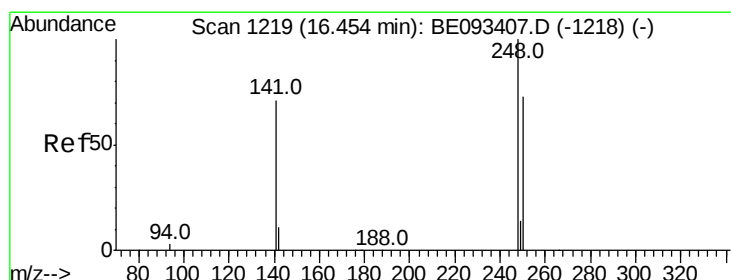
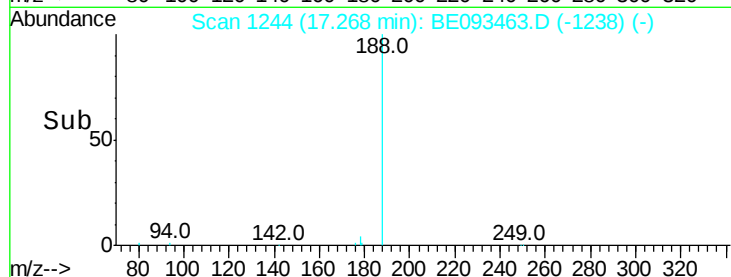
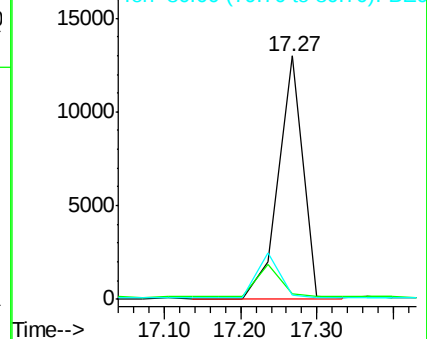
80 1.9 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.608 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

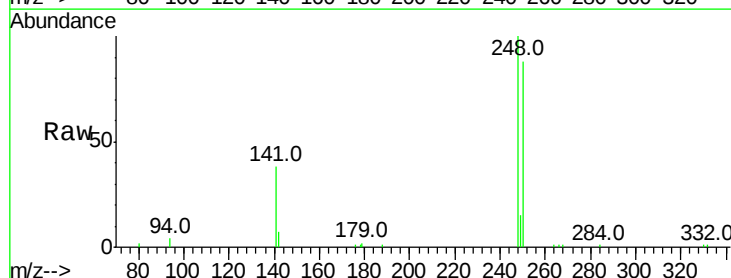
Tgt Ion:248 Resp: 9768

Ion Ratio Lower Upper

248 100

250 87.5 40.8 61.2#

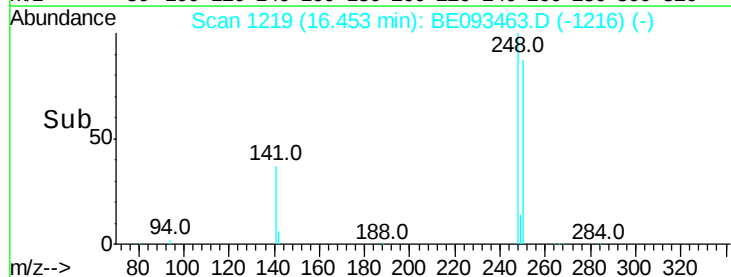
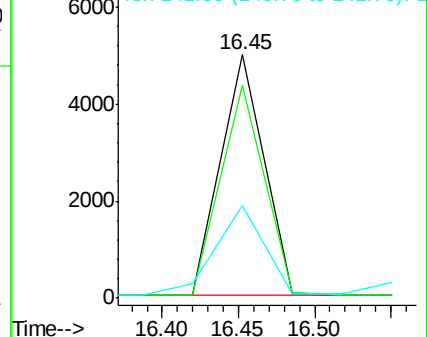
141 37.8 161.6 242.4#

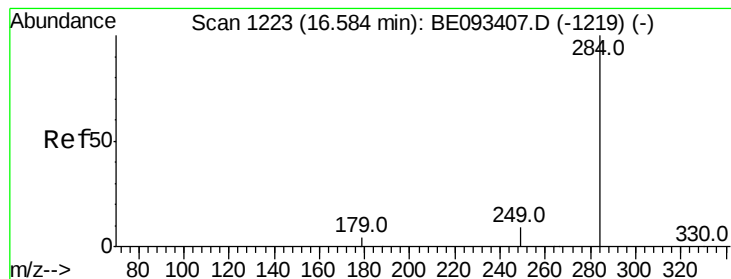


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.531 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

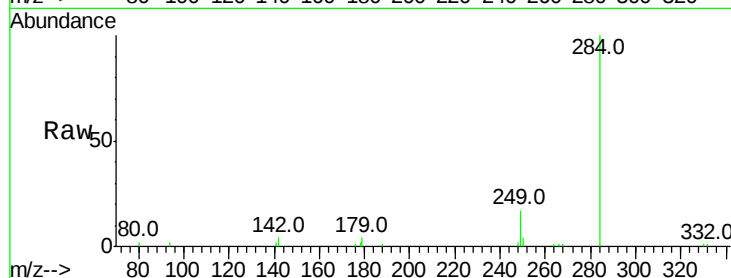
Tot Ion:284 Resp: 9206

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

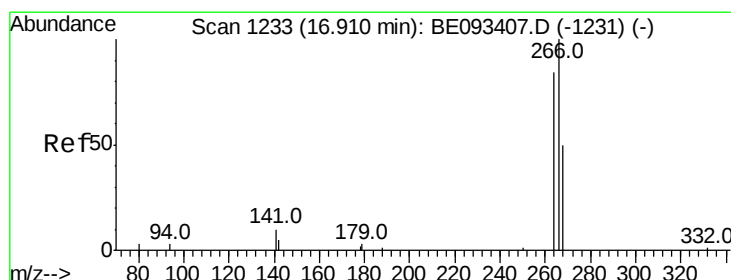
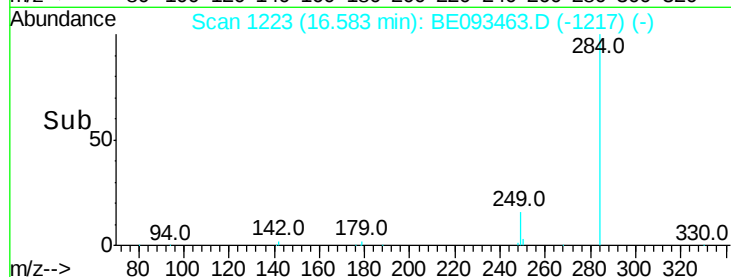
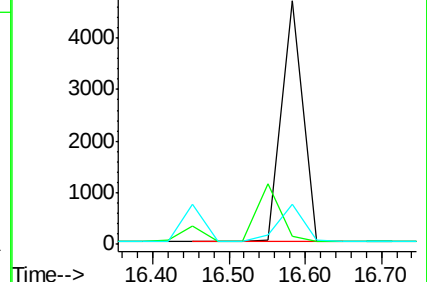
249 18.0 0.0 0.0#



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: 0.593 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

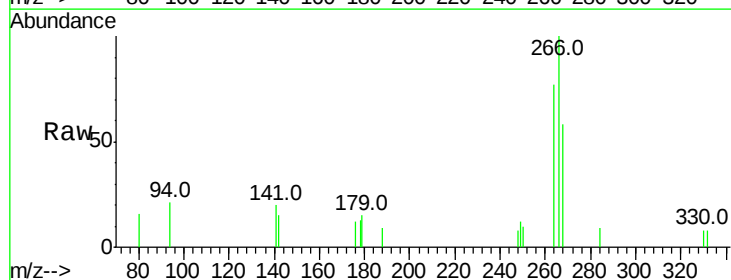
Tgt Ion:266 Resp: 1338

Ion Ratio Lower Upper

266 100

264 77.4 58.2 87.2

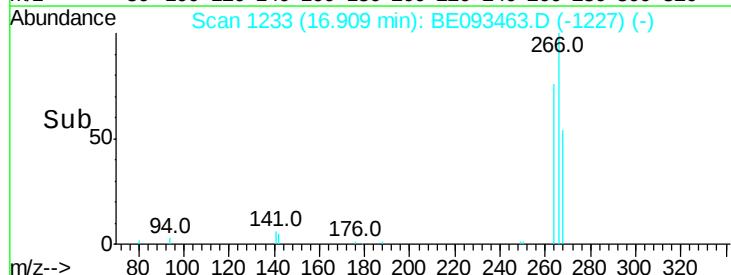
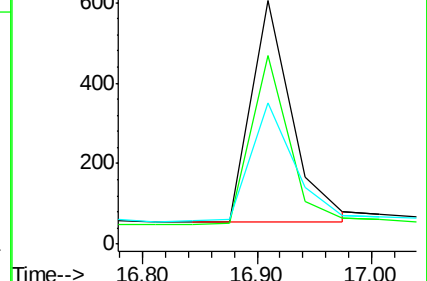
268 58.0 71.9 107.9#

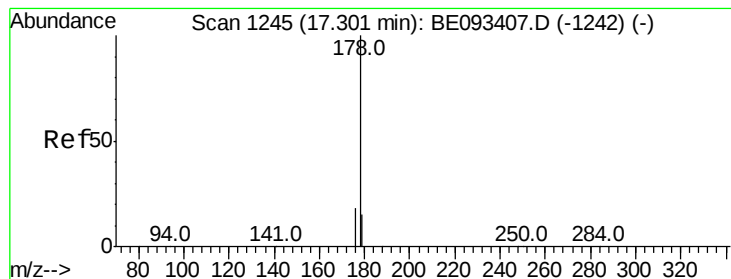


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.442 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

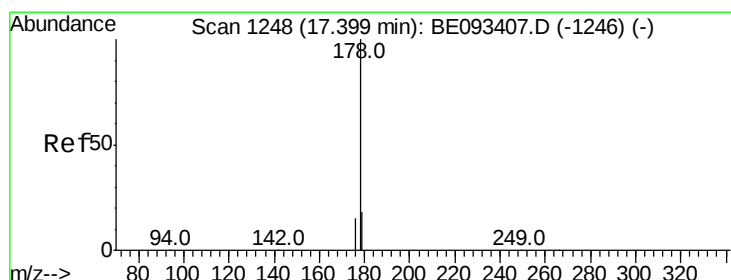
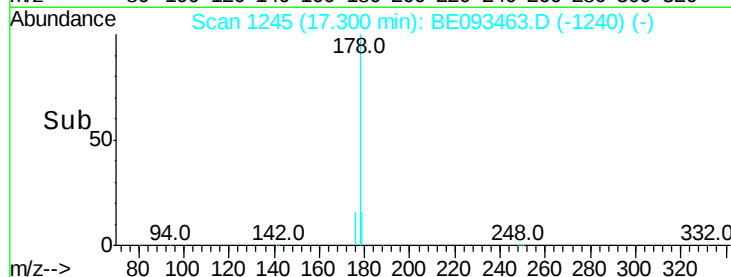
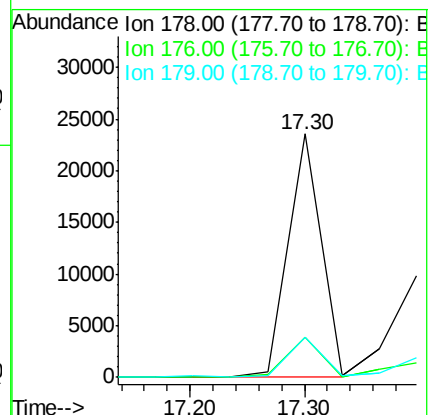
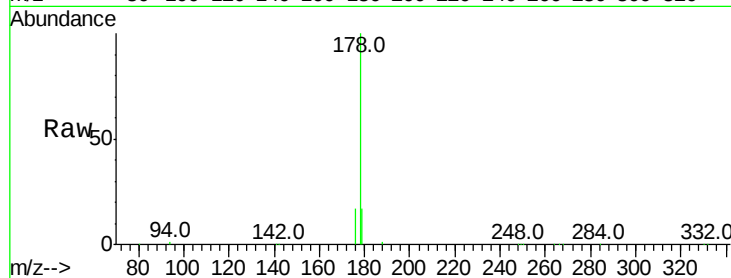
Tot Ion:178 Resp: 47083

Ion Ratio Lower Upper

178 100

176 16.8 15.0 22.4

179 16.2 12.7 19.1



#24

Anthracene

Concen: 0.754 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

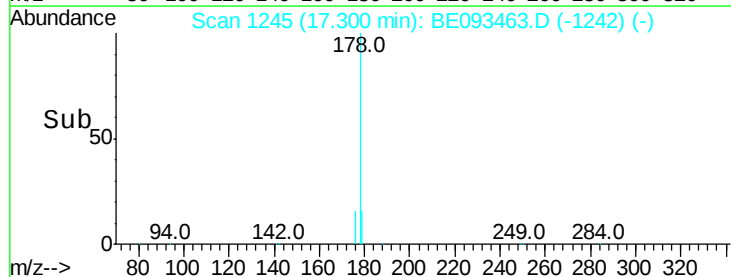
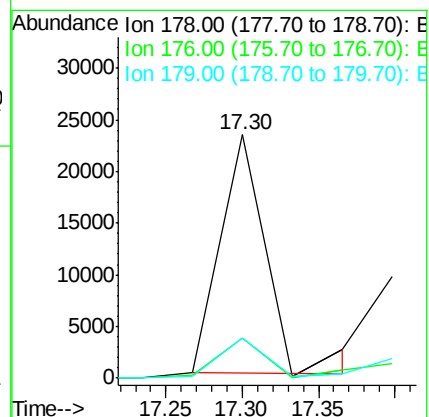
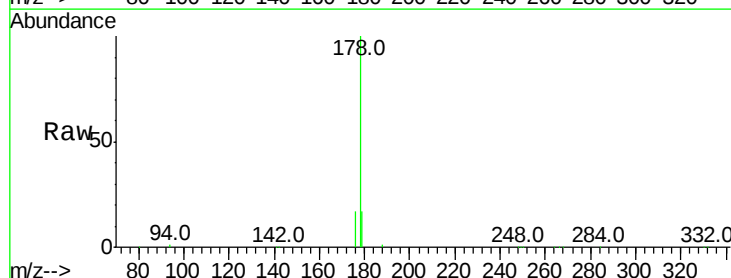
Tgt Ion:178 Resp: 49238

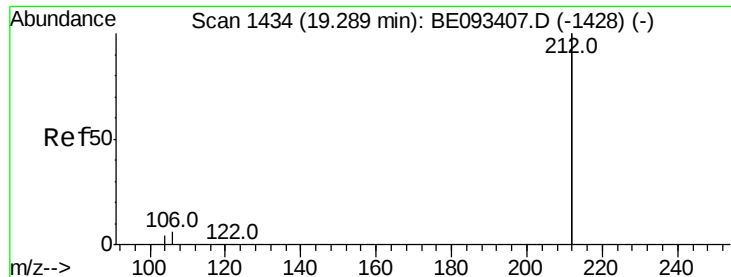
Ion Ratio Lower Upper

178 100

176 16.4 14.6 22.0

179 15.6 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.479 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093463.D

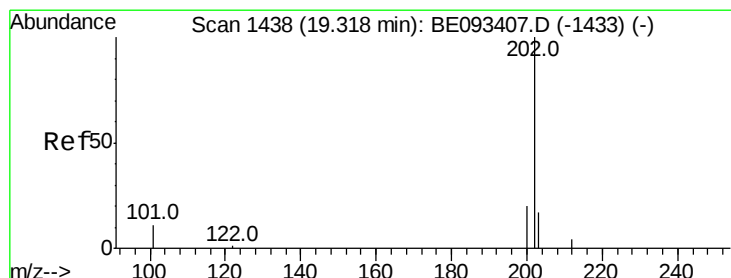
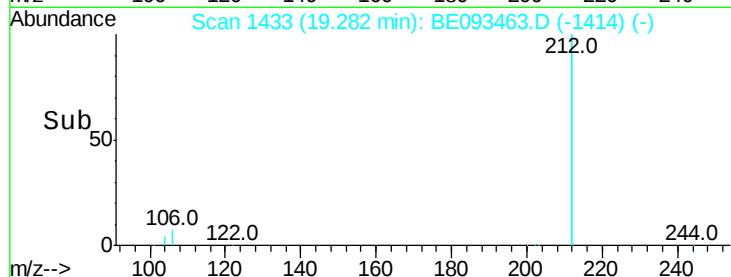
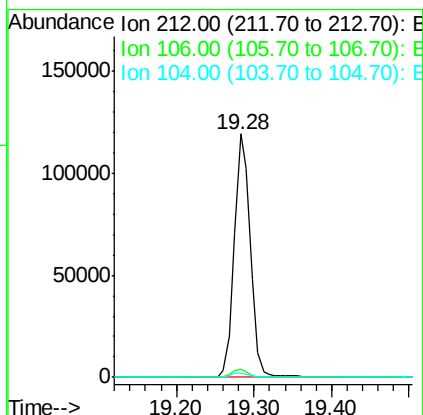
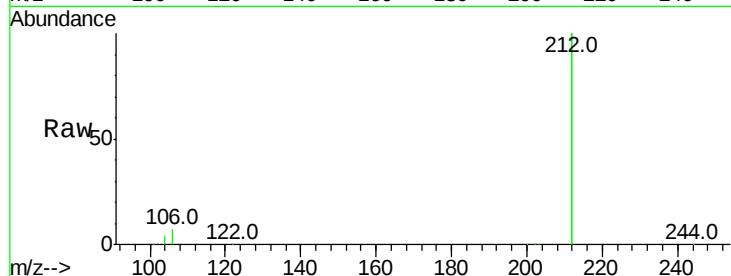
Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	169379
Ion Ratio	Lower	Upper
212	100	
106	3.4	2.4 3.6
104	1.9	1.6 2.4



#26

Fluoranthene

Concen: 0.479 ng

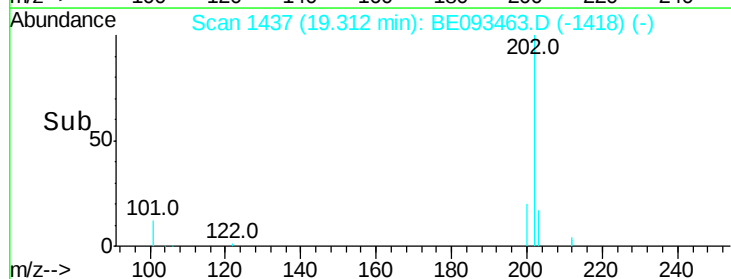
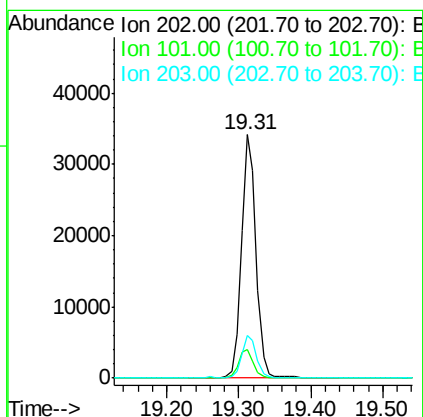
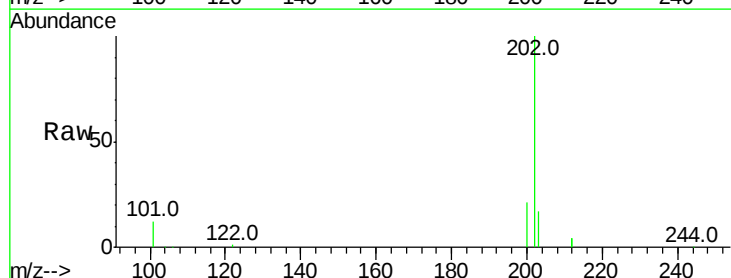
RT: 19.31 min Scan# 1437

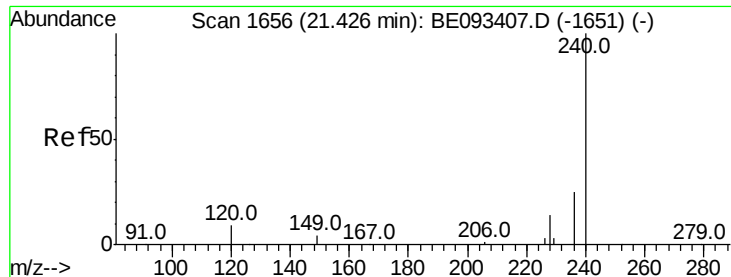
Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Tgt Ion:202	Resp:	47944
Ion Ratio	Lower	Upper
202	100	
101	11.9	9.6 14.4
203	17.0	14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

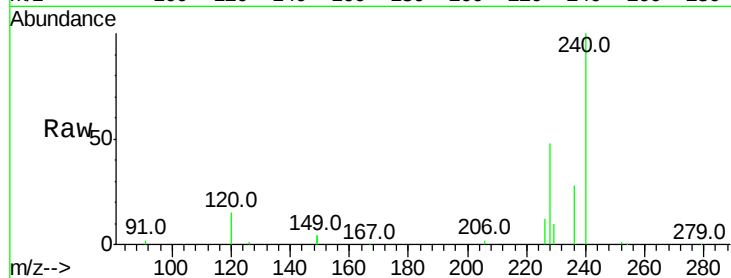
Tot Ion:240 Resp: 41791

Ion Ratio Lower Upper

240 100

120 15.2 4.6 7.0#

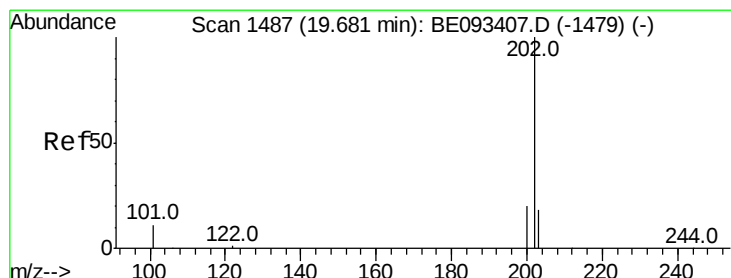
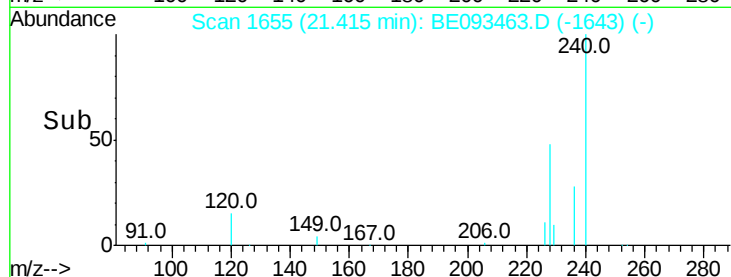
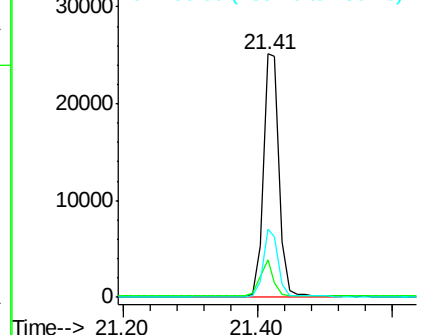
236 27.8 20.8 31.2



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

Pyrene

Concen: 0.413 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

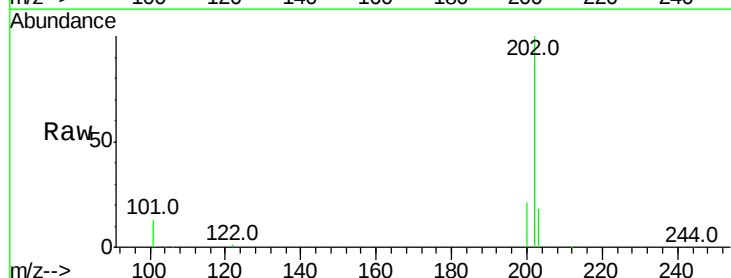
Tgt Ion:202 Resp: 48467

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

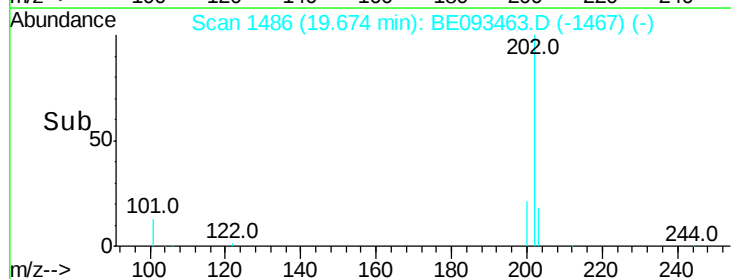
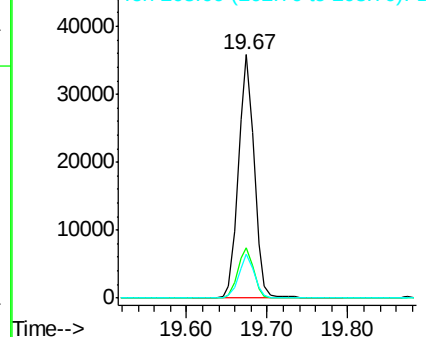
203 17.5 13.7 20.5

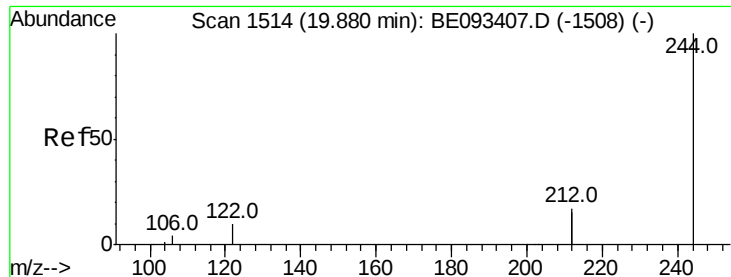


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

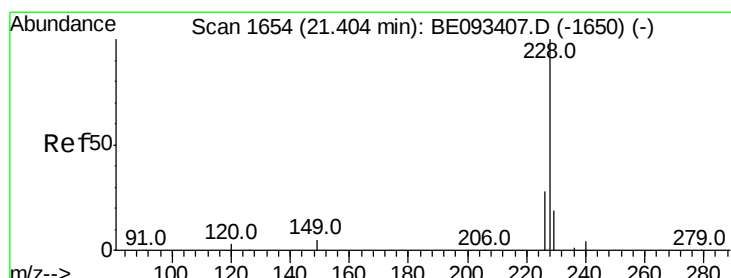
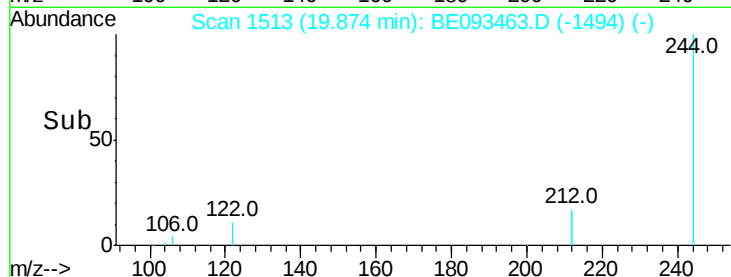
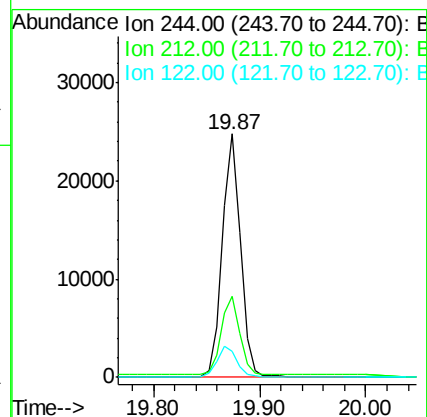
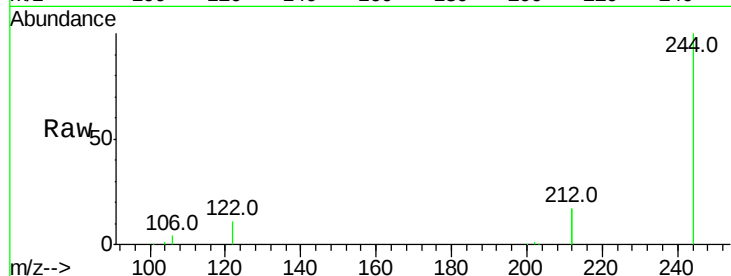
Tot Ion:244 Resp: 30180

Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

122 10.8 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.391 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

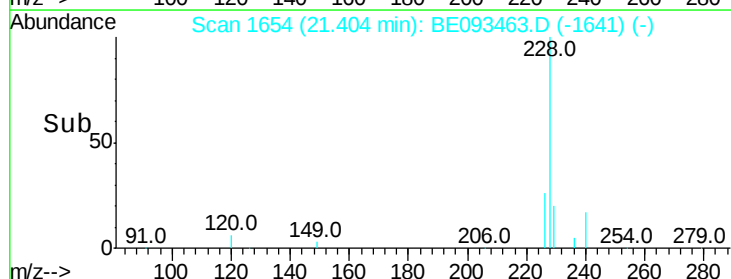
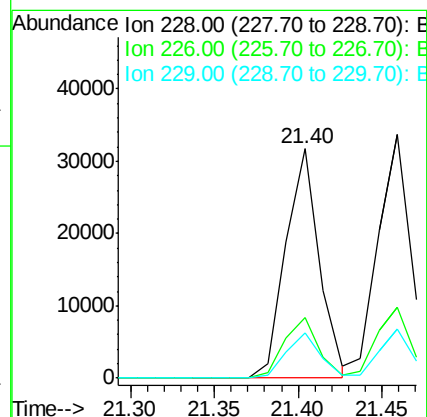
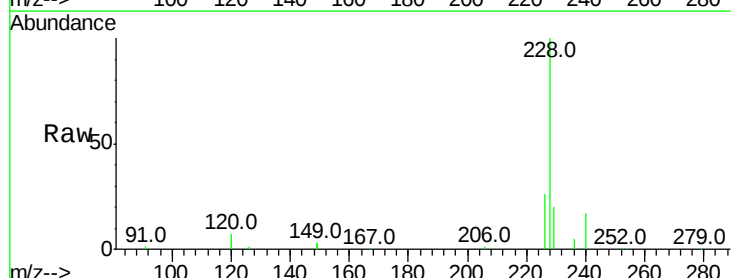
Tgt Ion:228 Resp: 44102

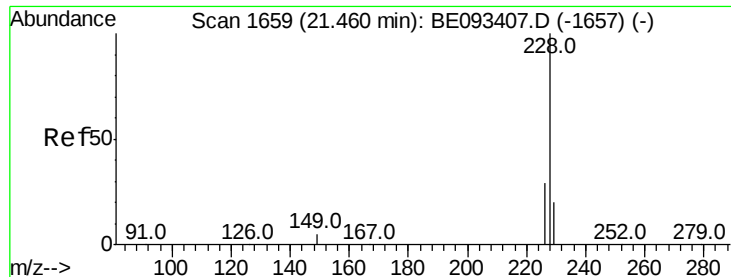
Ion Ratio Lower Upper

228 100

226 26.3 19.7 29.5

229 19.9 19.2 28.8





#31

Chrysene

Concen: 0.393 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

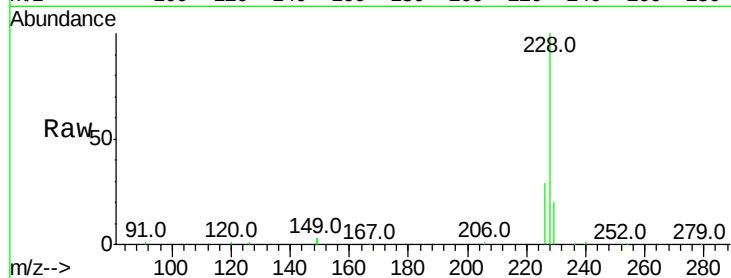
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 46393

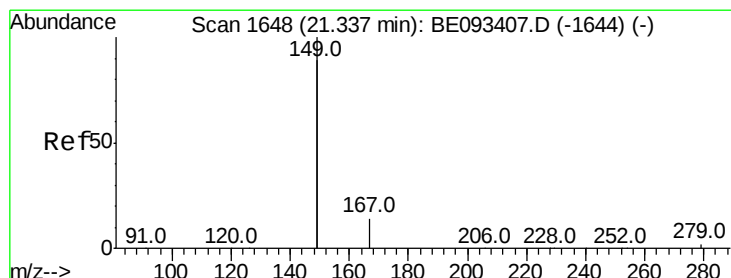
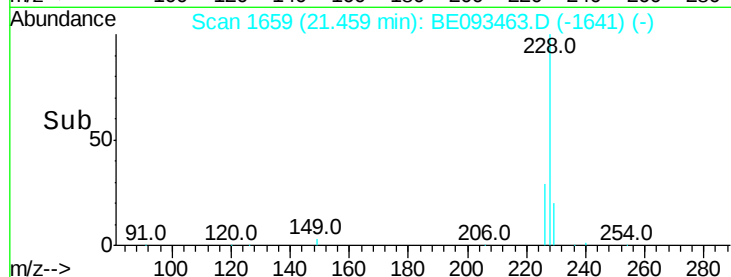
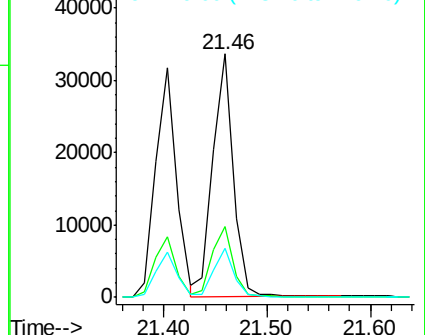
Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.5	32.3
229	20.4	18.6	28.0



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: 0.441 ng

RT: 21.33 min Scan# 1647

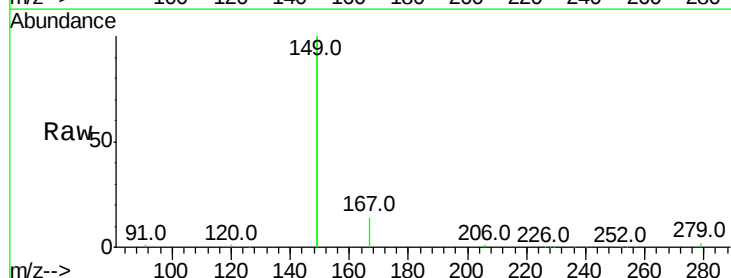
Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Tgt Ion:149 Resp: 71585

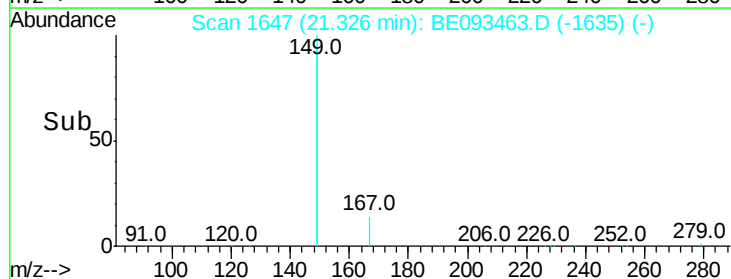
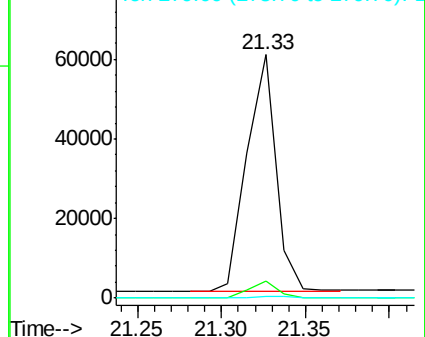
Ion	Ratio	Lower	Upper
149	100		
167	6.5	20.1	30.1#
279	0.9	2.2	3.4#

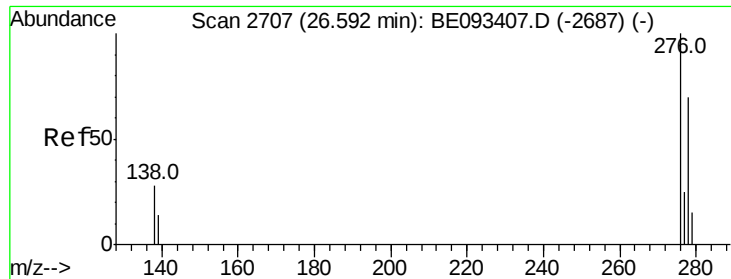


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

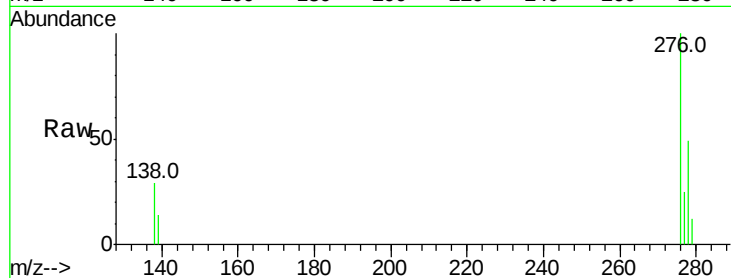




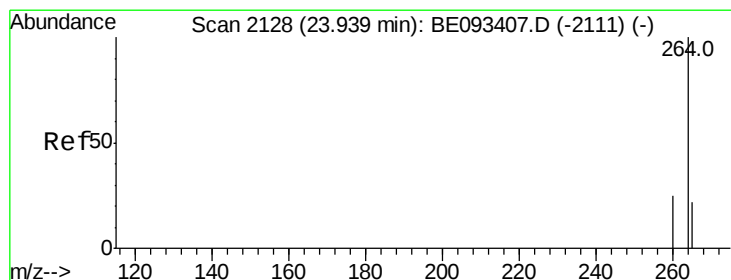
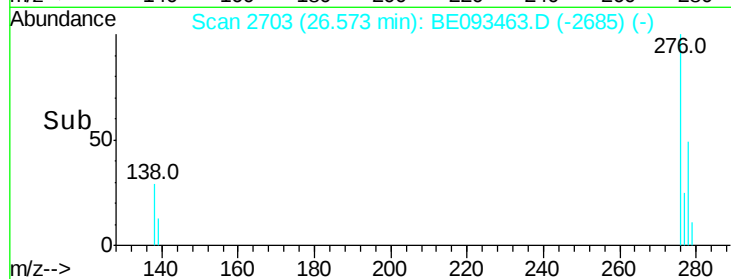
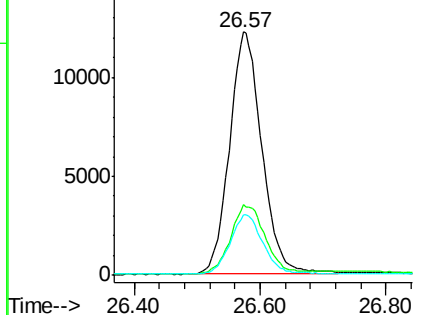
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.02 min
 Lab File: BE093463.D
 Acq: 14 Jul 2017 9:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 43700
 Ion Ratio Lower Upper
 276 100
 138 30.3 27.4 41.2
 277 24.7 20.1 30.1

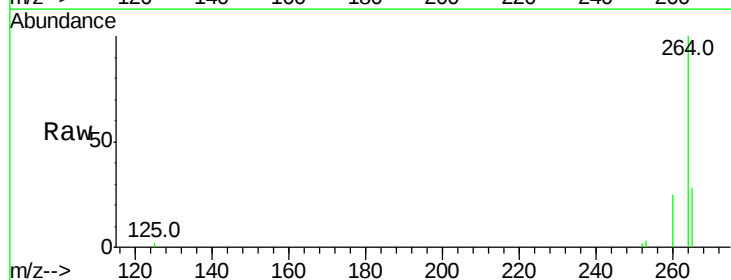


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

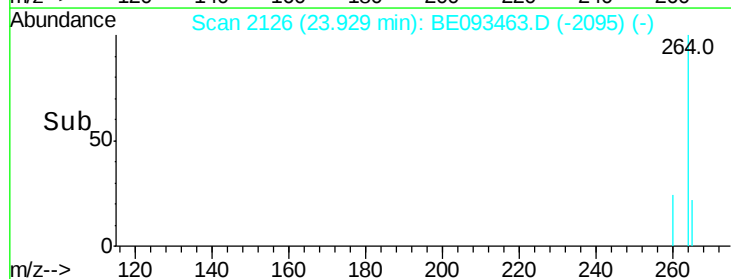
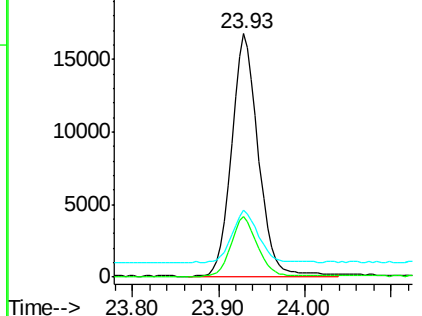


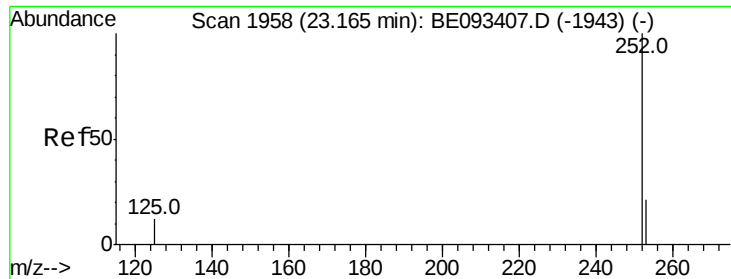
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093463.D
 Acq: 14 Jul 2017 9:49

Tgt Ion:264 Resp: 36034
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.0 31.4
 265 27.7 24.6 36.8



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: 0.379 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

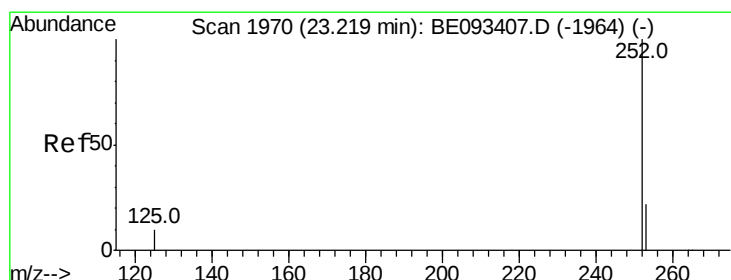
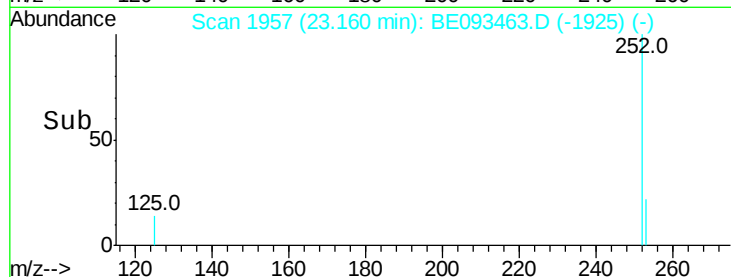
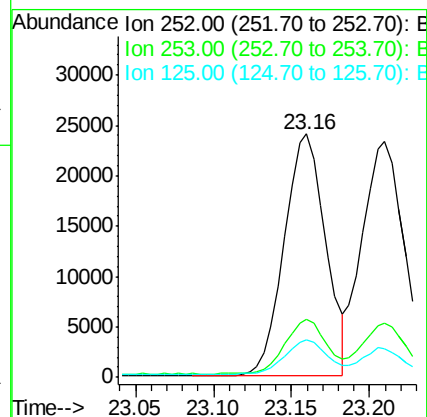
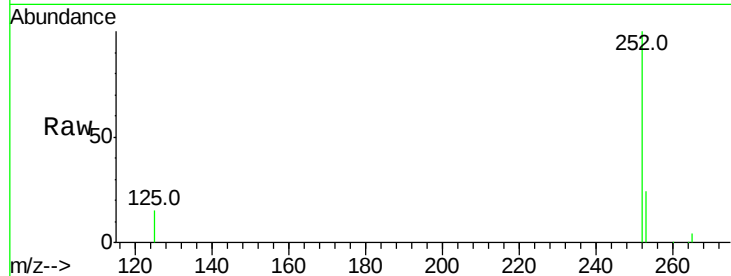
Tot Ion:252 Resp: 44136

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

125 15.3 13.4 20.0



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

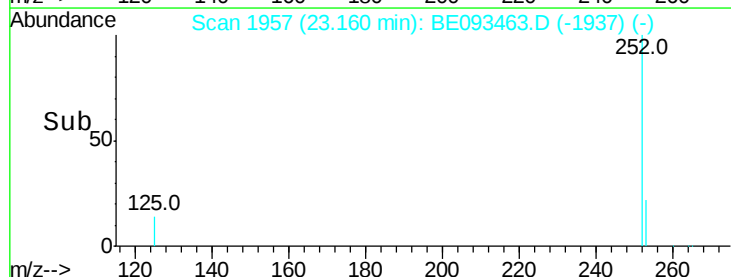
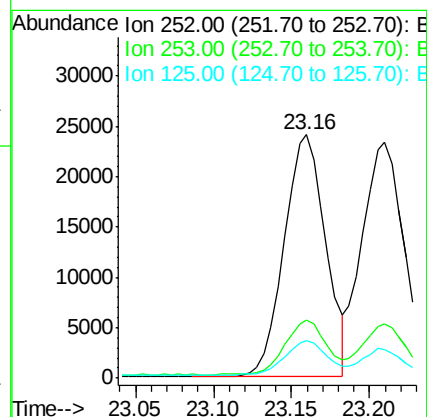
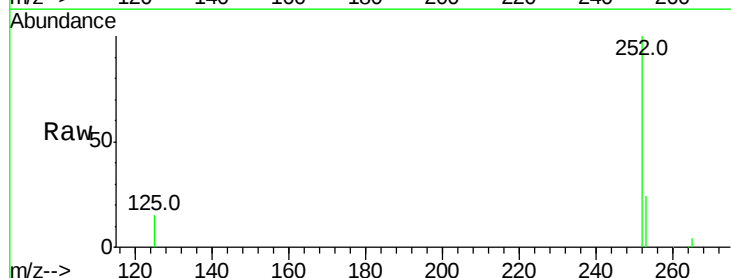
Tgt Ion:252 Resp: 44136

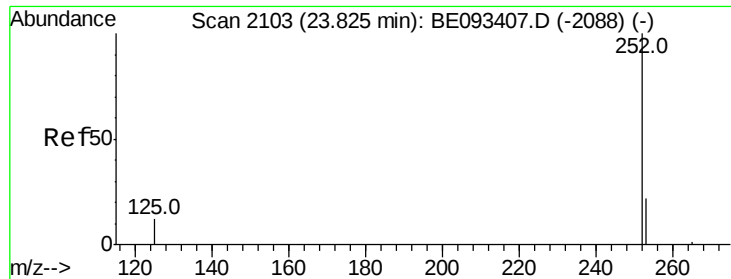
Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

125 15.3 12.2 18.4





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.82 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :

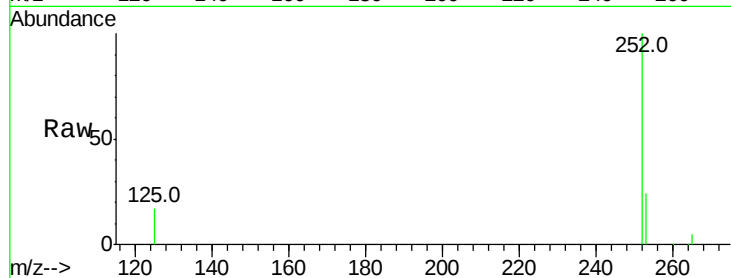
Tot Ion:252 Resp: 40155

Ion Ratio Lower Upper

252 100

253 24.2 19.9 29.9

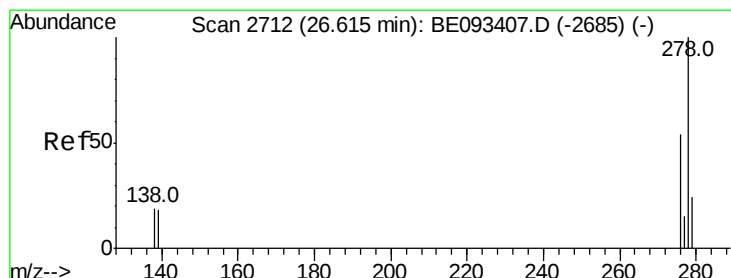
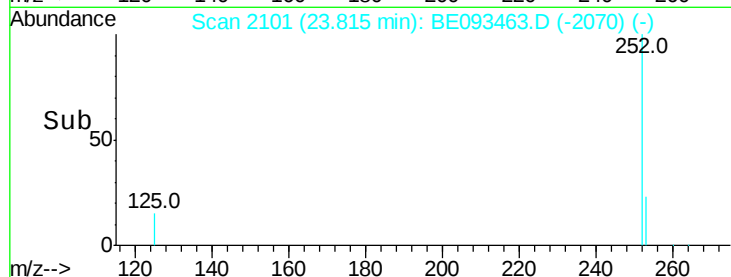
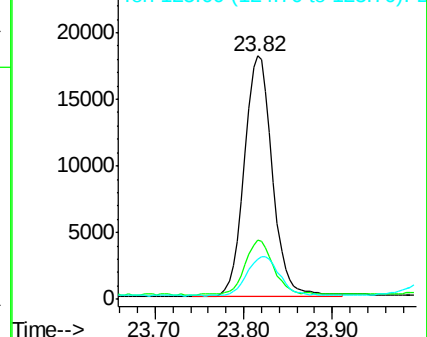
125 16.7 14.6 21.8



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: 0.393 ng

RT: 26.60 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

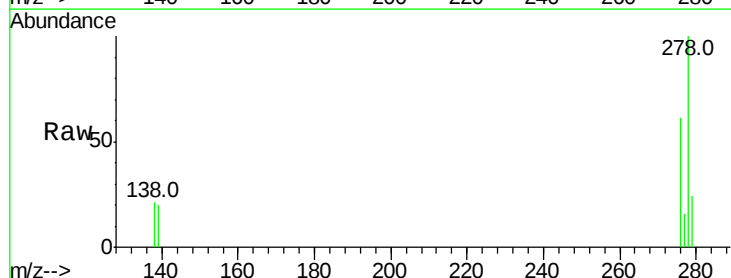
Tgt Ion:278 Resp: 38940

Ion Ratio Lower Upper

278 100

139 20.4 21.4 32.0#

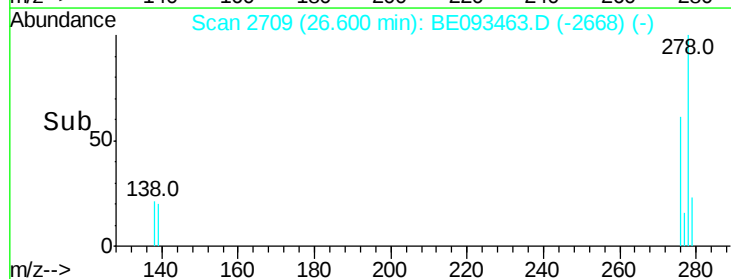
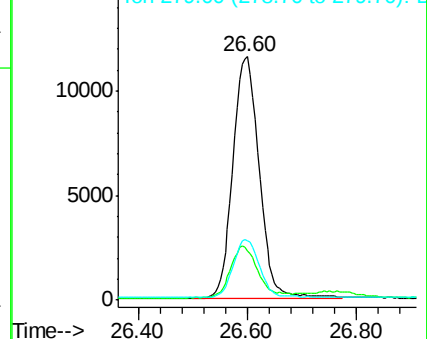
279 24.4 22.2 33.2

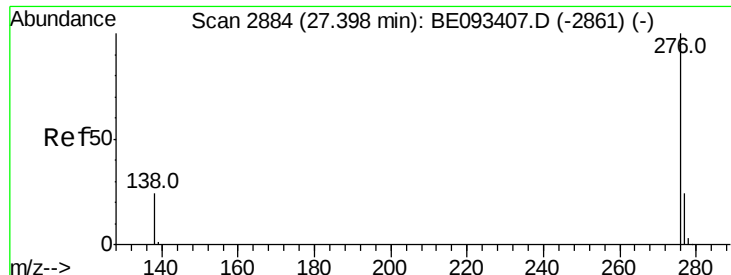


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.386 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

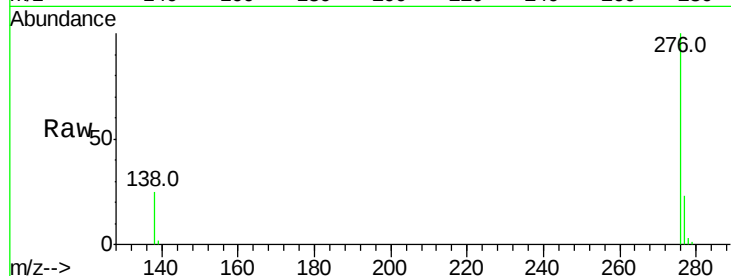
Lab File: BE093463.D

Acq: 14 Jul 2017 9:49

Instrument :

BNA_E

ClientSampleId :



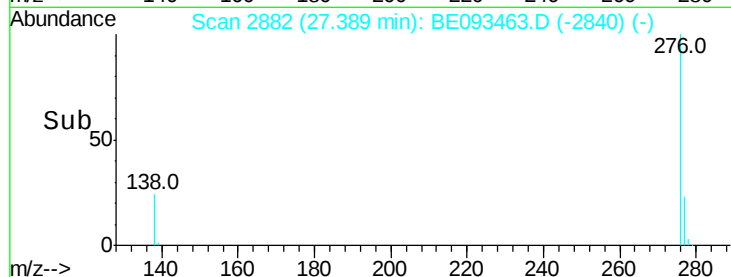
Tot Ion:276 Resp: 38586

Ion Ratio Lower Upper

276 100

277 23.4 21.2 31.8

138 24.6 24.5 36.7



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

