

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093461.D
 Acq On : 13 Jul 2017 16:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 17:15:10 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	4617	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	24915	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15550	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	30975	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39107	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33504	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	5149	0.37	ng	0.00
5) Phenol-d6	7.10	99	8128	0.40	ng	0.00
8) Nitrobenzene-d5	9.08	82	6999	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	15831	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1314	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	23893	0.40	ng	0.00
25) Fluoranthene-d10	19.28	212	161033	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	28985	0.42	ng	0.00

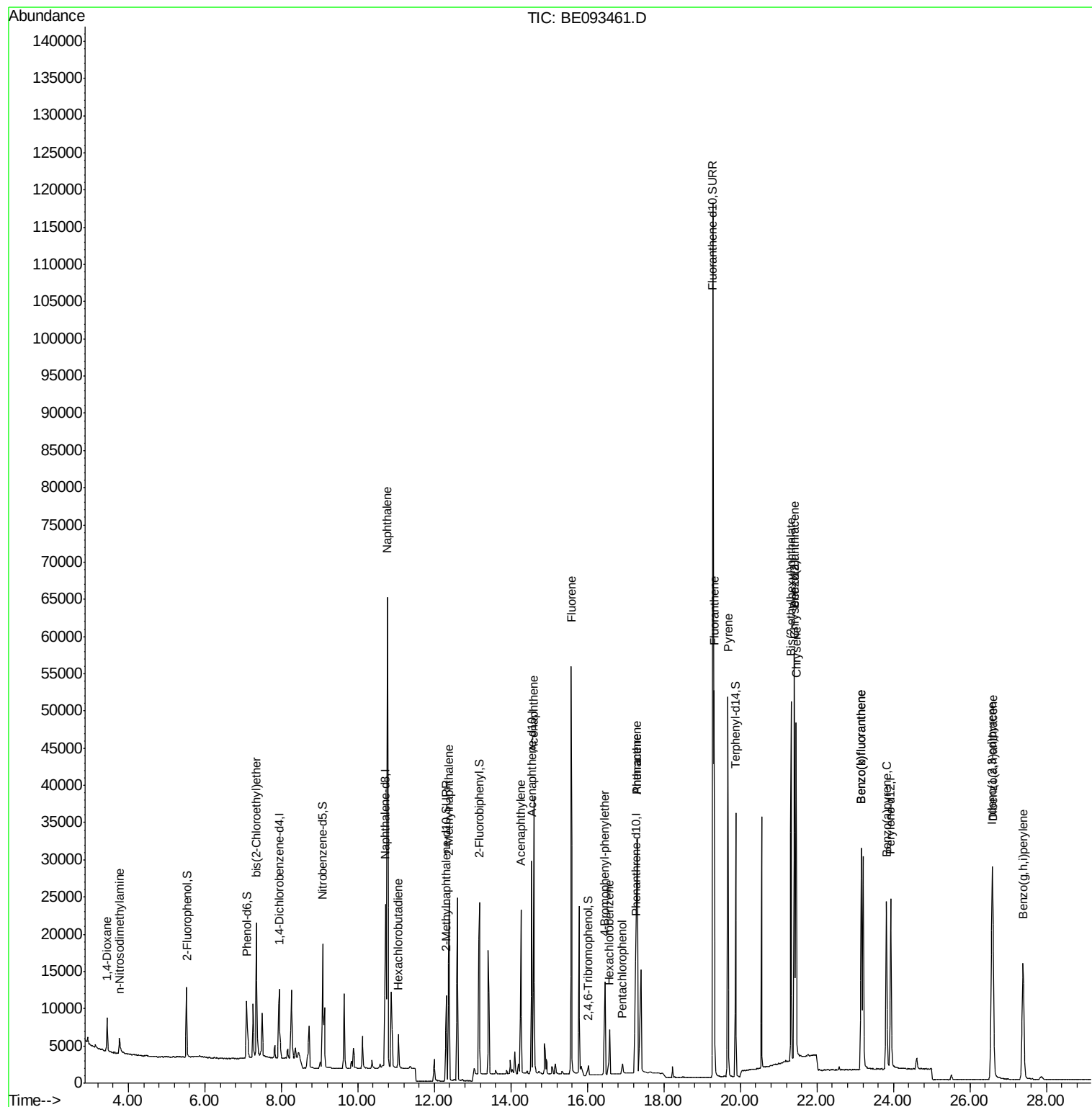
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3601	0.368	ng	98
3) n-Nitrosodimethylamine	3.76	42	2142	0.424	ng	# 96
6) bis(2-Chloroethyl)ether	7.35	93	6111	0.395	ng	# 98
9) Naphthalene	10.77	128	100160	0.384	ng	# 73
10) Hexachlorobutadiene	11.06	225	3772	0.381	ng	99
12) 2-Methylnaphthalene	12.38	142	17391	0.397	ng	95
16) Acenaphthylene	14.26	152	24640	0.380	ng	# 88
17) Acenaphthene	14.60	154	18221	0.384	ng	100
18) Fluorene	15.58	166	23394	0.359	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	9903	0.583	ng	# 5
21) Hexachlorobenzene	16.58	284	9304	0.507	ng	# 100
22) Pentachlorophenol	16.91	266	1439	0.603	ng	# 79
23) Phenanthrene	17.30	178	47245	0.420	ng	97
24) Anthracene	17.30	178	48899	0.708	ng	97
26) Fluoranthene	19.31	202	45550	0.430	ng	99
28) Pyrene	19.67	202	46118	0.420	ng	# 99
30) Benzo(a)anthracene	21.40	228	40657	0.385	ng	94
31) Chrysene	21.46	228	44077	0.399	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	56478	0.371	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.57	276	41104	0.424	ng	95
35) Benzo(b)fluoranthene	23.16	252	41490	0.383	ng	97
36) Benzo(k)fluoranthene	23.16	252	41490	0.388	ng	97
37) Benzo(a)pyrene	23.82	252	36743	0.388	ng	97
38) Dibenzo(a,h)anthracene	26.60	278	36588	0.398	ng	# 92
39) Benzo(g,h,i)perylene	27.39	276	35989	0.387	ng	94

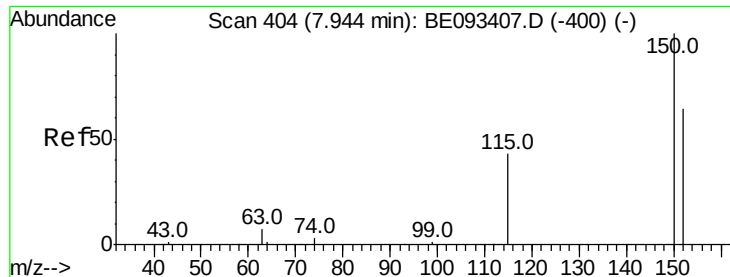
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
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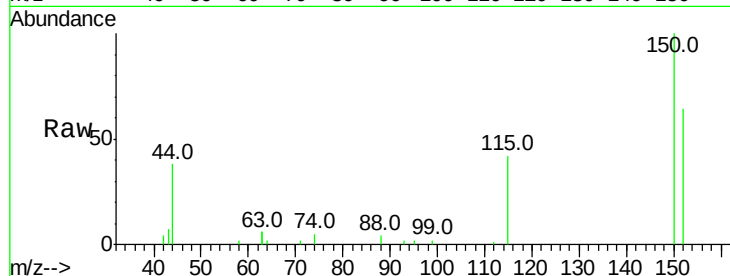


#1

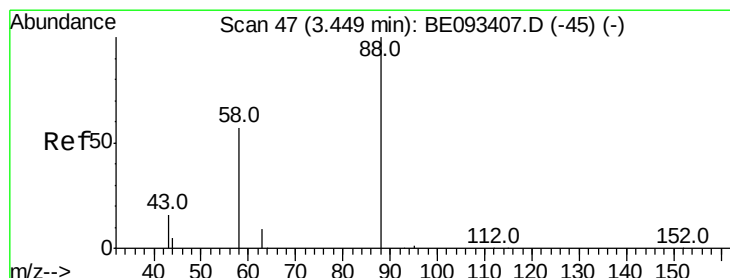
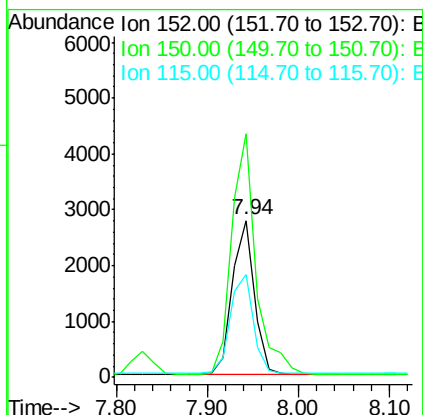
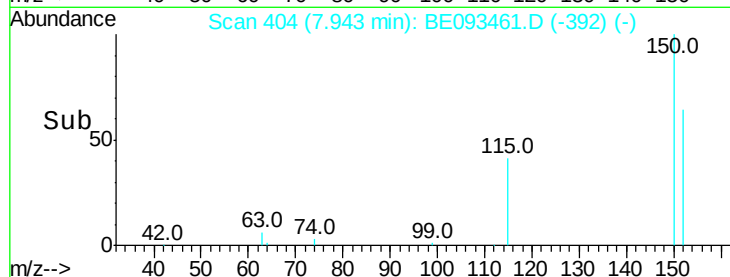
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4617
Ion Ratio Lower Upper
152 100
150 155.0 125.1 187.7
115 65.9 55.7 83.5



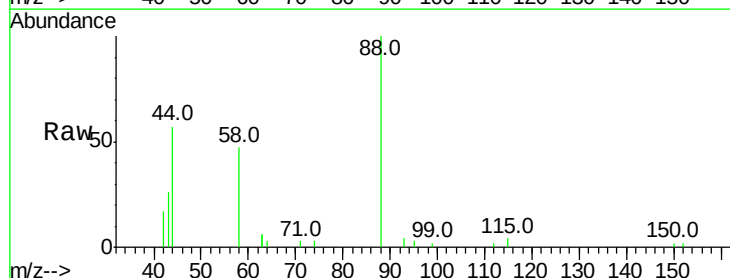
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



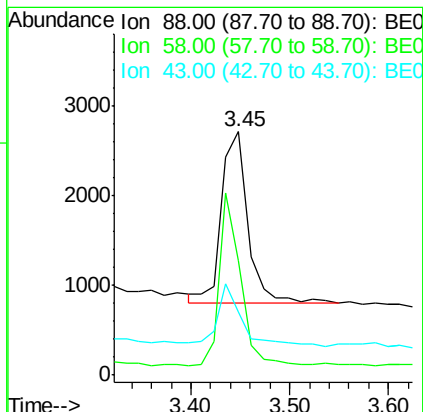
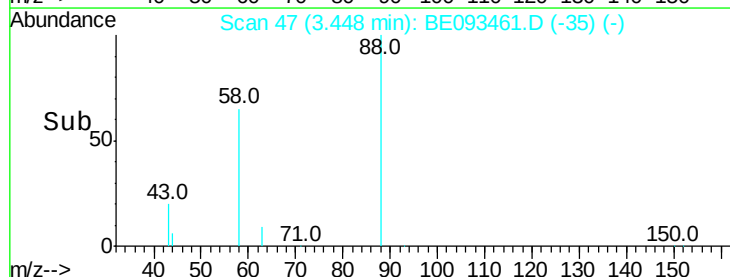
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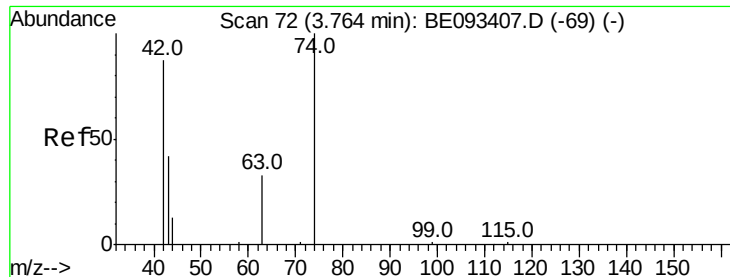
1,4-Dioxane
Concen: 0.368 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion: 88 Resp: 3601
Ion Ratio Lower Upper
88 100
58 77.4 62.2 93.4
43 33.1 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



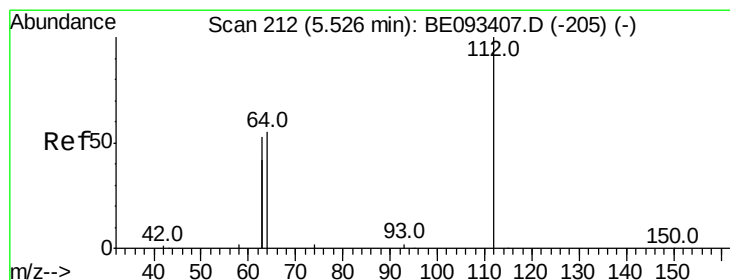
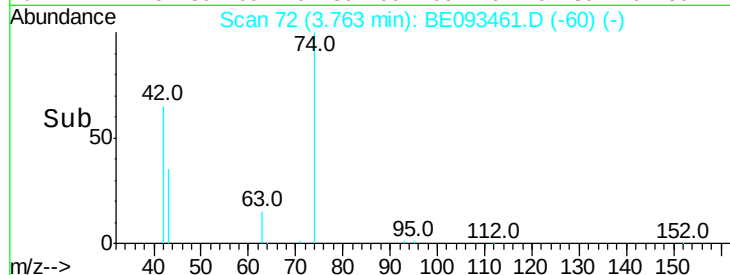
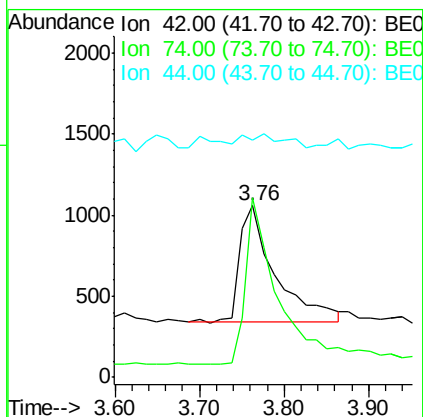
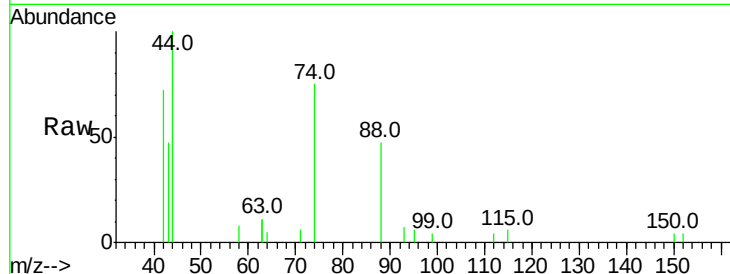


#3

n-Nitrosodimethylamine
 Concen: 0.424 ng
 RT: 3.76 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

Instrument :
 BNA_E
 ClientSampleId :

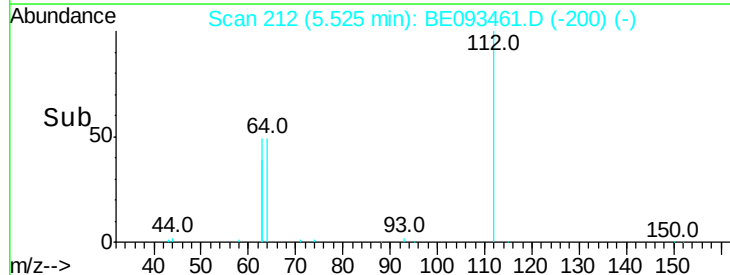
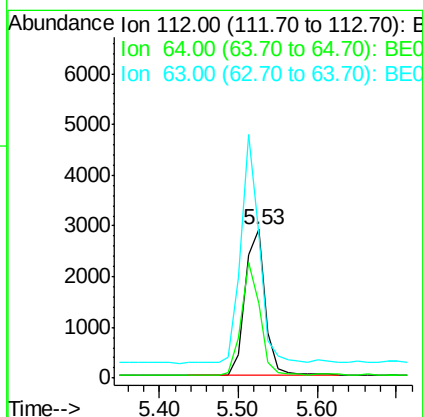
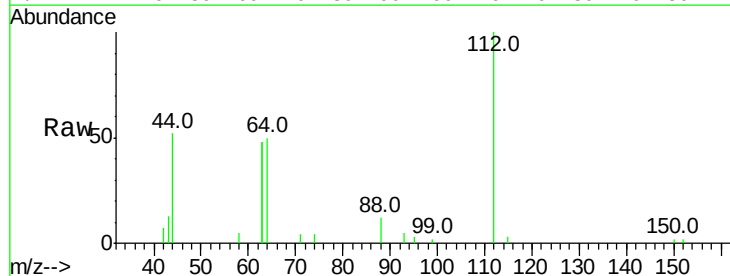
Tot Ion: 42 Resp: 2142
 Ion Ratio Lower Upper
 42 100
 74 120.0 99.1 148.7
 44 13.4 7.4 11.2#

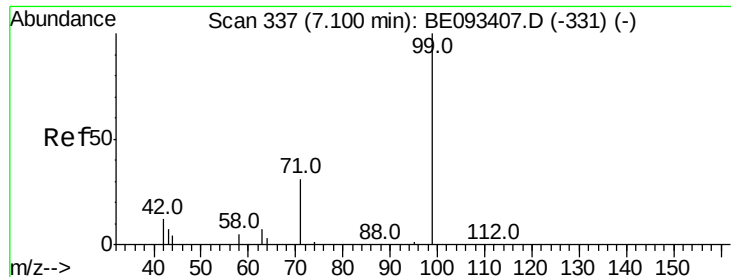


#4

2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

Tgt Ion: 112 Resp: 5149
 Ion Ratio Lower Upper
 112 100
 64 69.1 56.4 84.6
 63 141.2 29.3 43.9#





#5

Phenol-d6

Concen: 0.396 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampled :

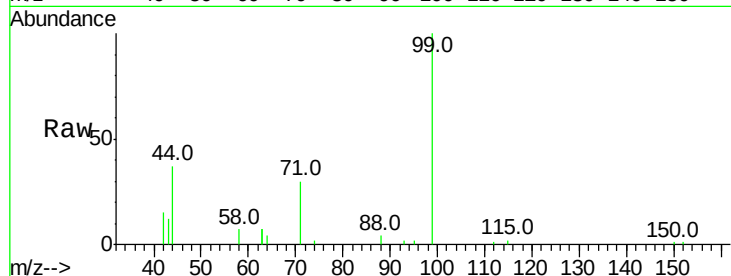
Tot Ion: 99 Resp: 8128

Ion Ratio Lower Upper

99 100

42 21.6 0.0 0.0#

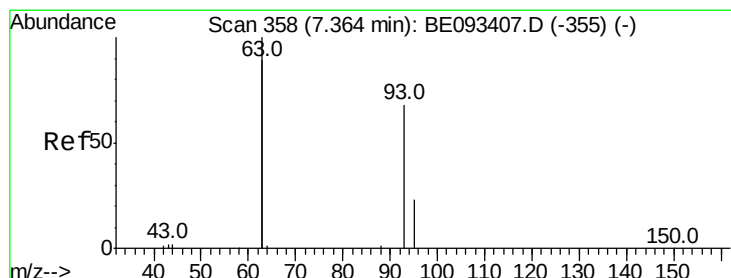
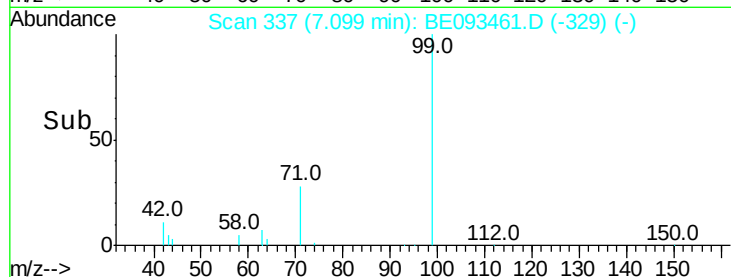
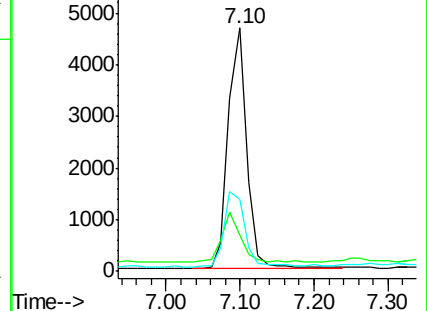
71 34.7 0.0 0.0#



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: 0.395 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

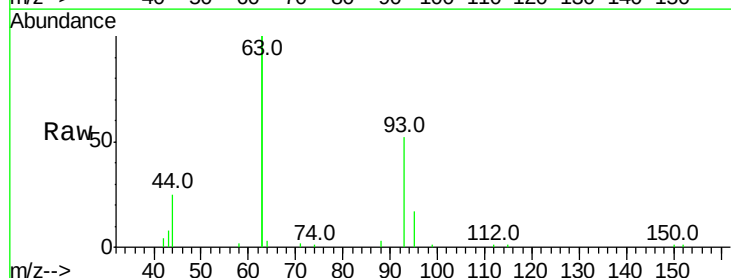
Tgt Ion: 93 Resp: 6111

Ion Ratio Lower Upper

93 100

63 352.3 0.0 0.0#

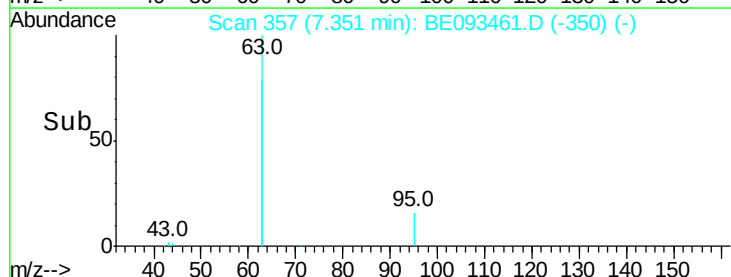
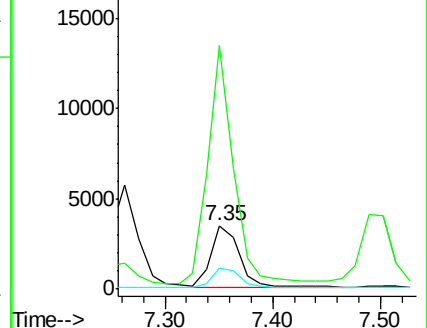
95 32.8 25.4 38.0

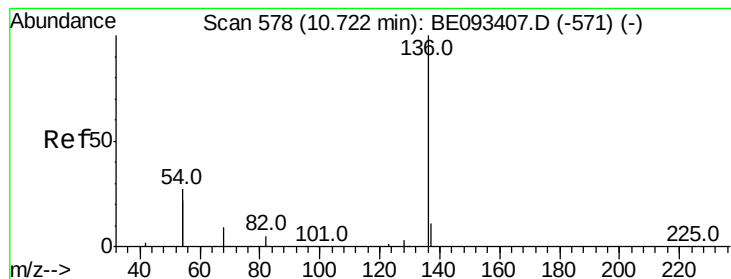


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24915

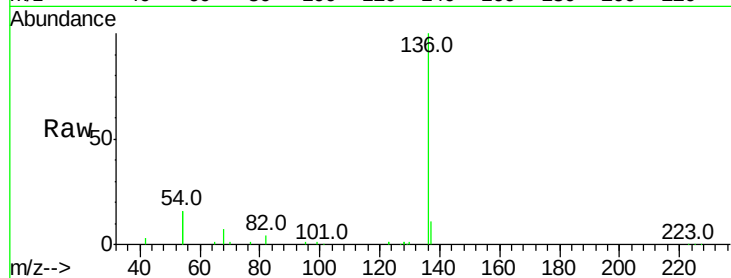
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 32.3 10.3 15.5#

68 6.5 9.0 13.4#

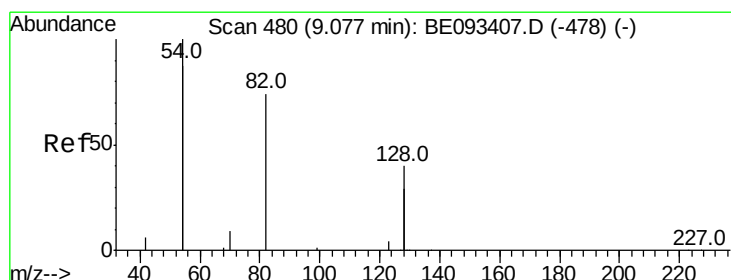
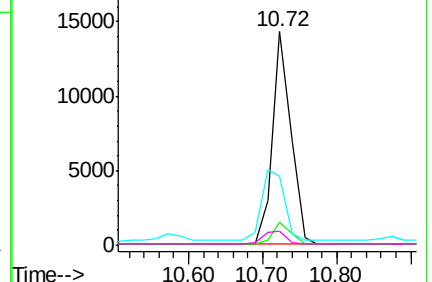
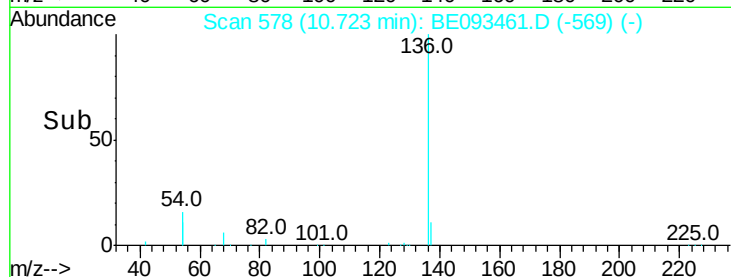


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE093461.D

Acq: 13 Jul 2017 16:41

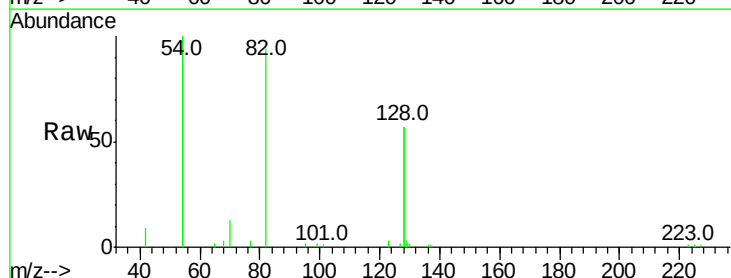
Tgt Ion: 82 Resp: 6999

Ion Ratio Lower Upper

82 100

128 120.7 17.0 25.4#

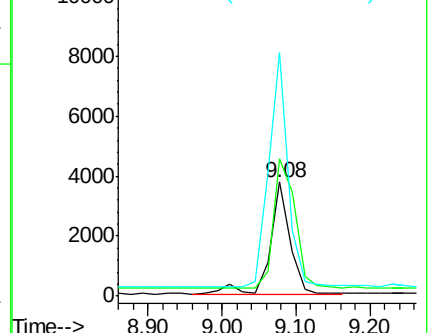
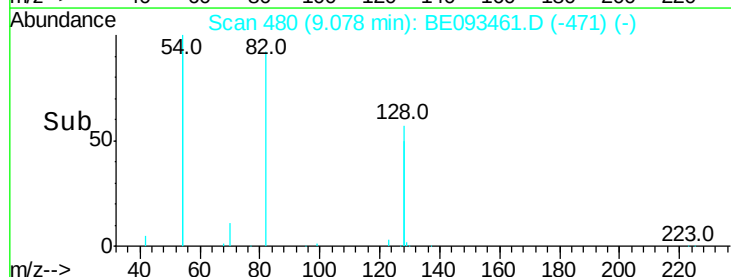
54 213.3 53.8 80.6#

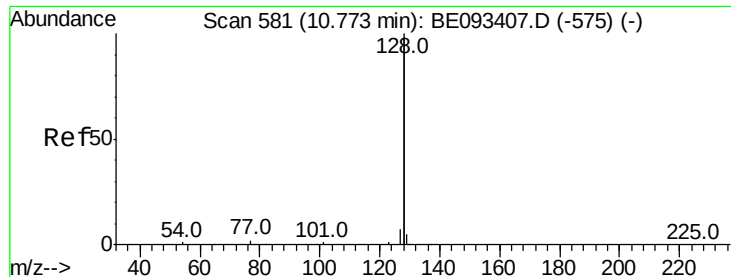


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

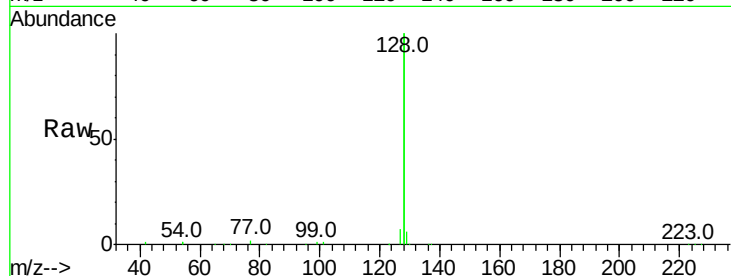
Tot Ion:128 Resp: 100160

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

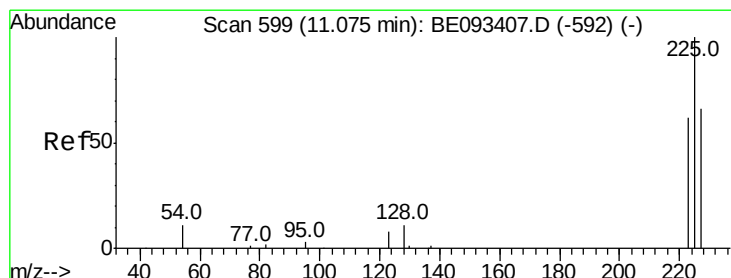
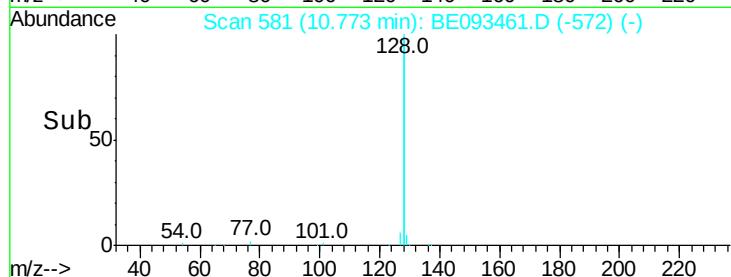
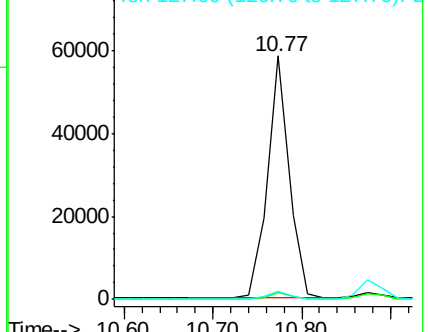
127 3.3 11.2 16.8#



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: 0.381 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

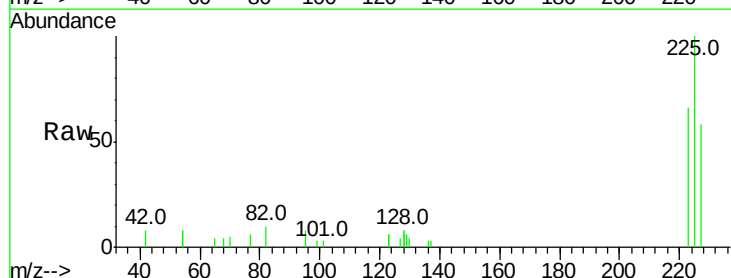
Tgt Ion:225 Resp: 3772

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

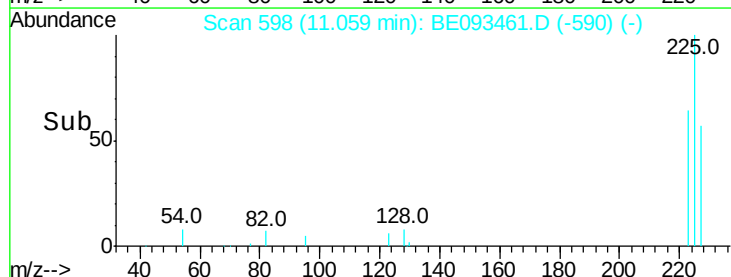
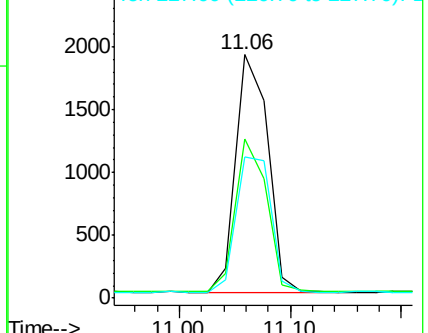
227 62.1 50.3 75.5

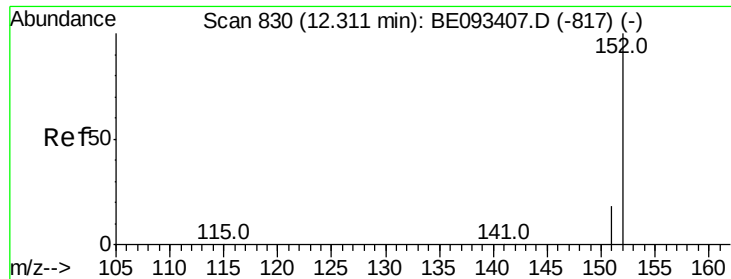


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

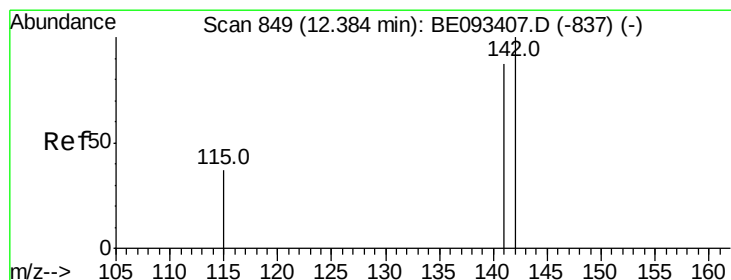
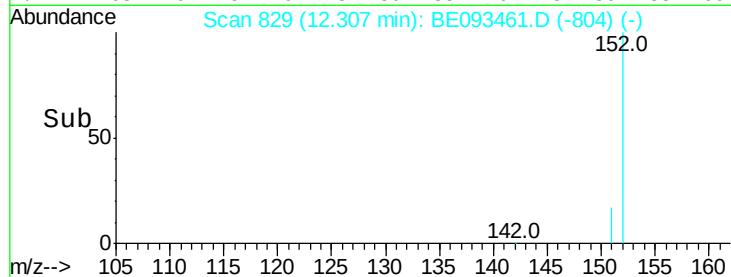
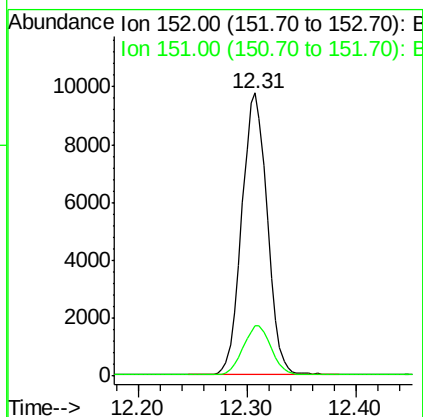
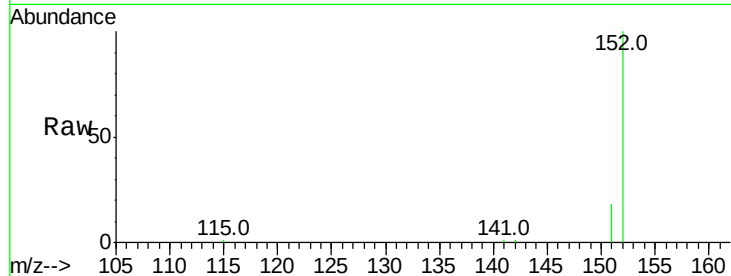




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

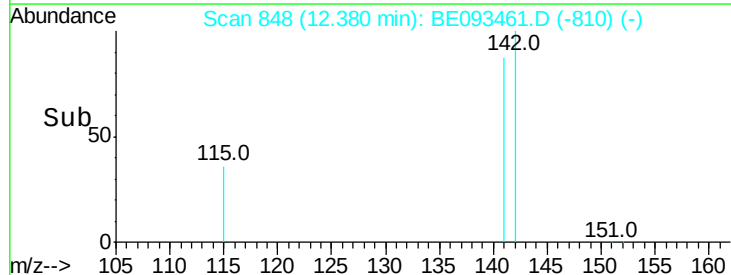
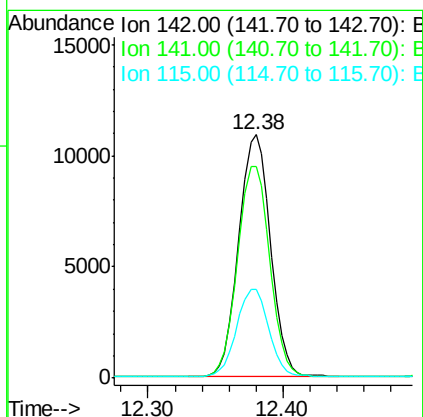
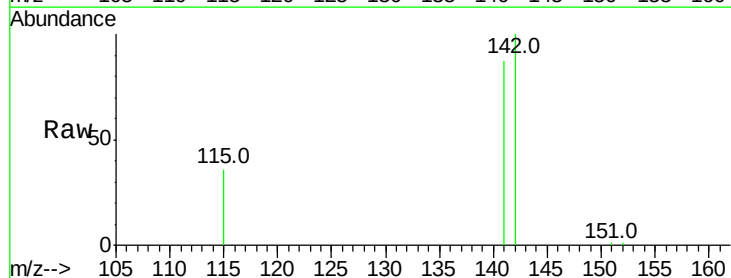
Instrument :
 BNA_E
 ClientSampleId :

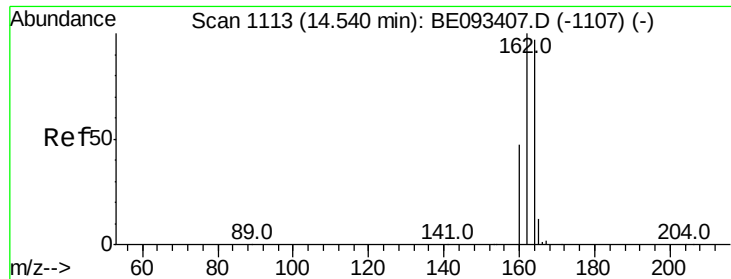
Tot Ion:152 Resp: 15831
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.38 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

Tgt Ion:142 Resp: 17391
 Ion Ratio Lower Upper
 142 100
 141 86.8 72.6 108.8
 115 36.3 32.2 48.2

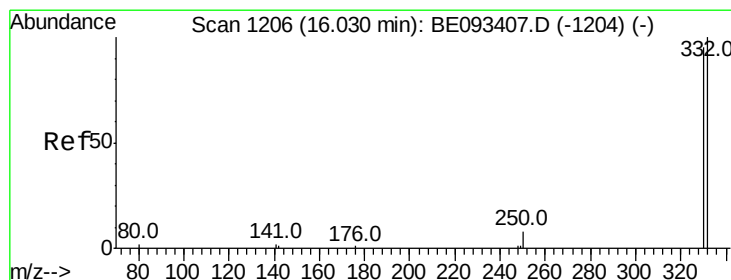
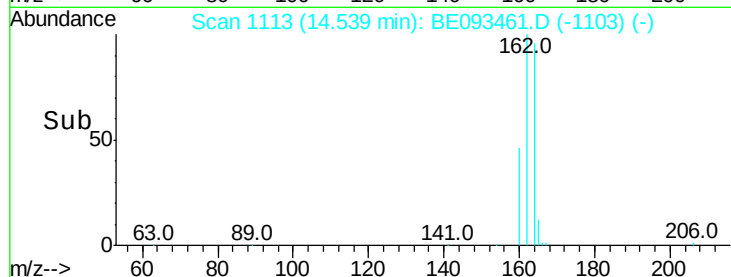
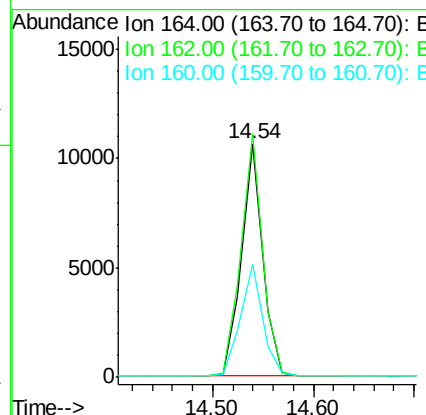
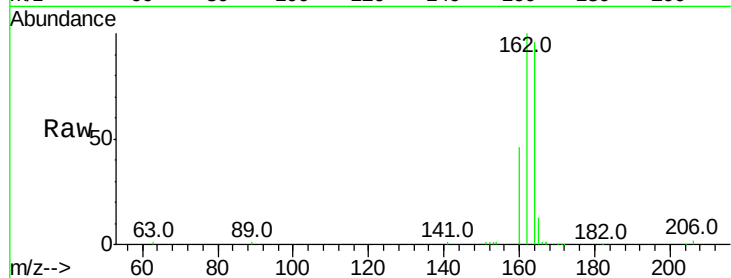




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

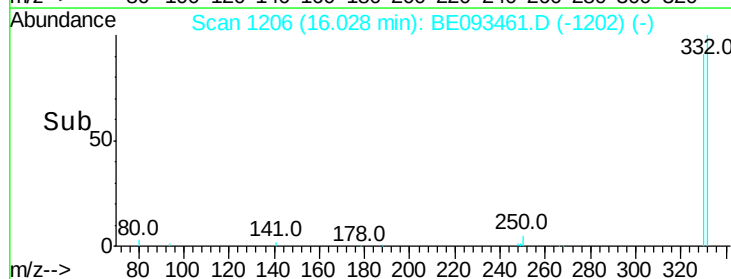
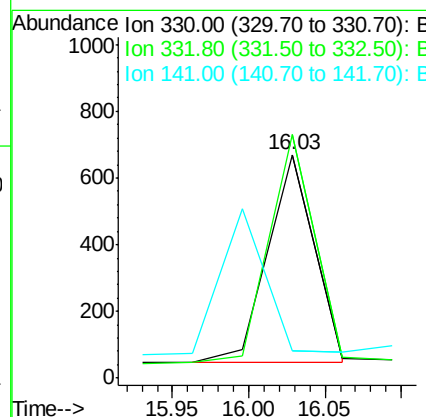
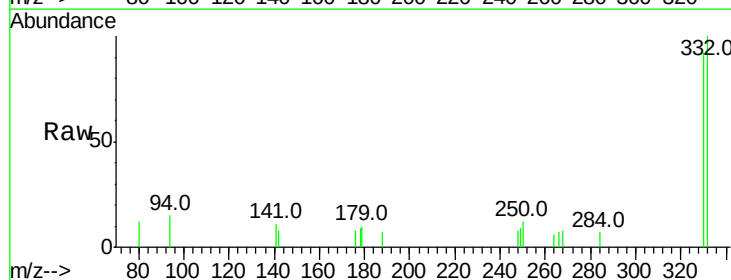
Instrument :
BNA_E
ClientSampleId :

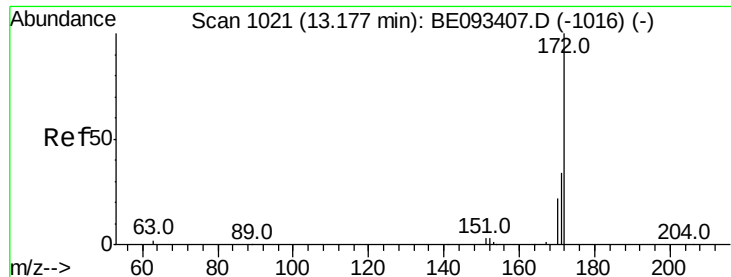
Tot Ion:164 Resp: 15550
Ion Ratio Lower Upper
164 100
162 104.3 84.6 127.0
160 48.4 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion:330 Resp: 1314
Ion Ratio Lower Upper
330 100
332 107.2 77.7 116.5
141 0.0 56.2 84.4#

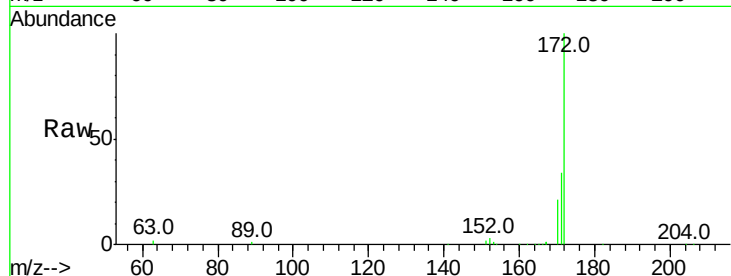




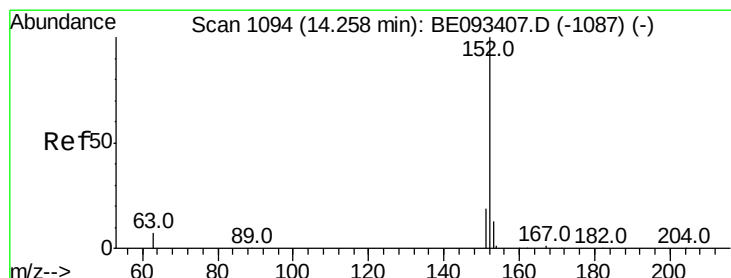
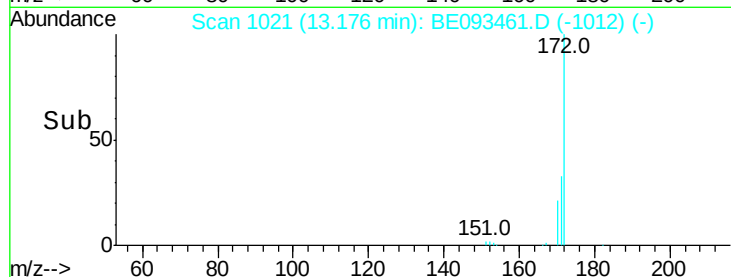
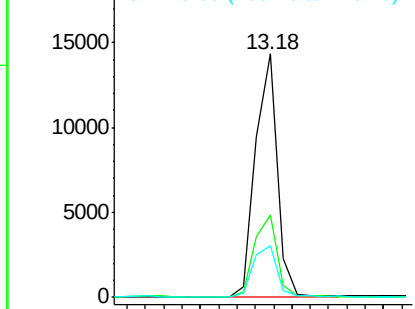
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 23893
Ion Ratio Lower Upper
172 100
171 33.6 29.8 44.6
170 21.4 20.7 31.1

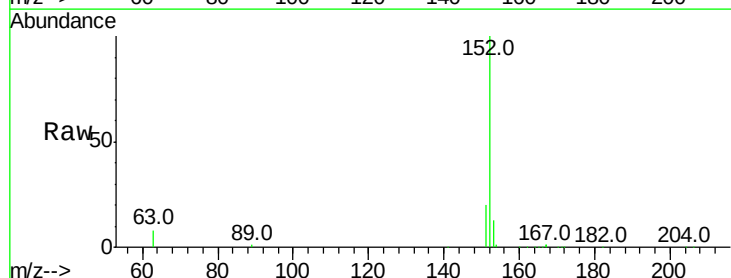


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

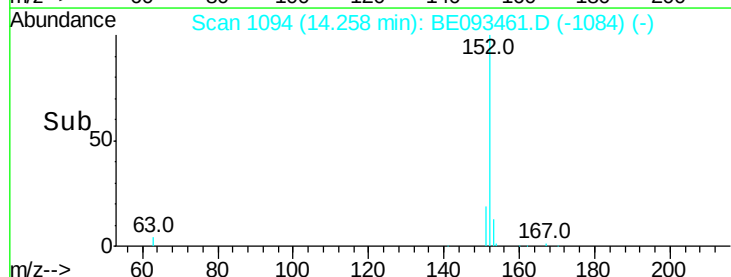
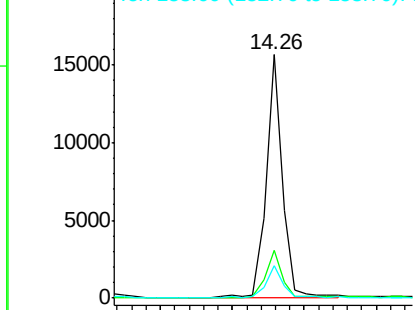


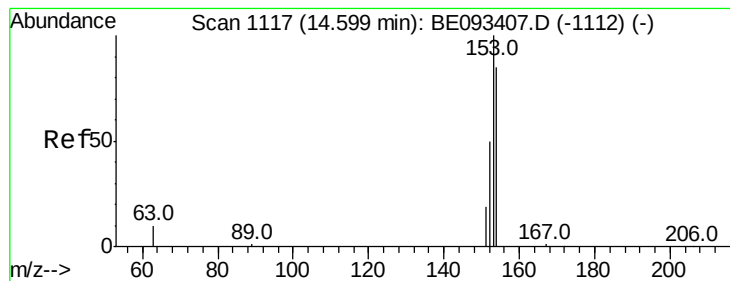
#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion:152 Resp: 24640
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 13.0 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: 0.384 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

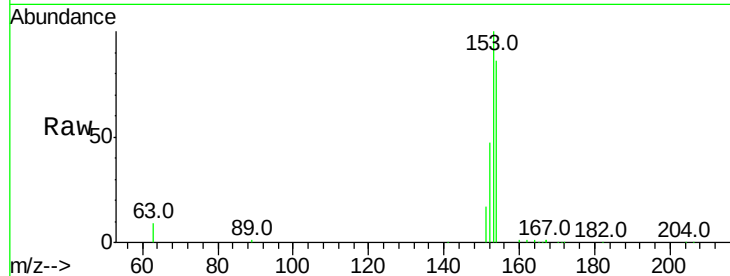
Tot Ion:154 Resp: 18221

Ion Ratio Lower Upper

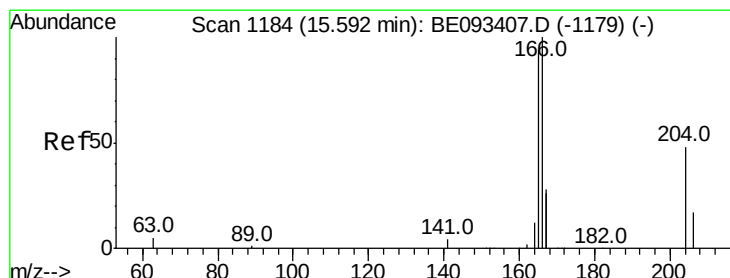
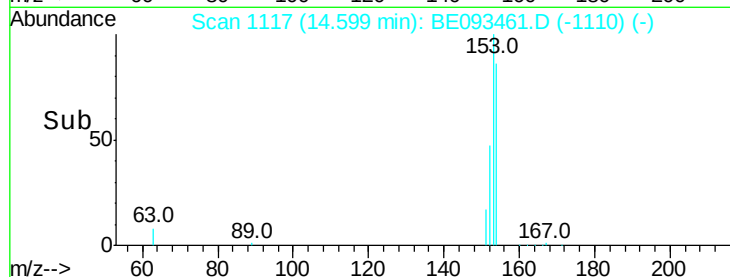
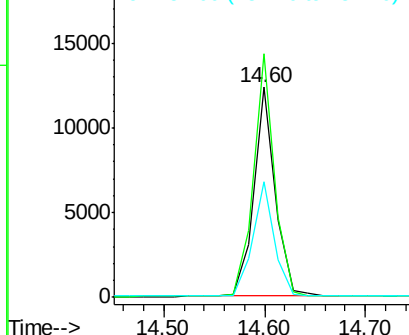
154 100

153 113.9 91.2 136.8

152 55.7 44.8 67.2



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: 0.359 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

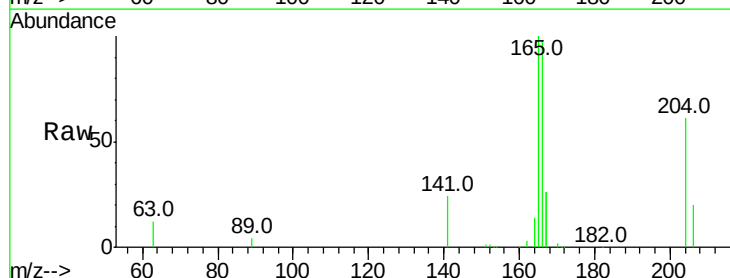
Tgt Ion:166 Resp: 23394

Ion Ratio Lower Upper

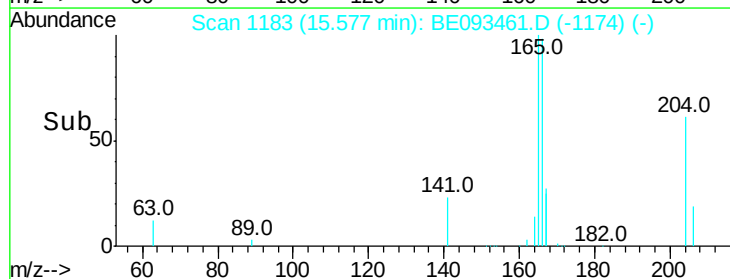
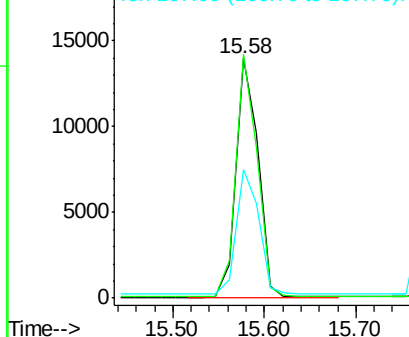
166 100

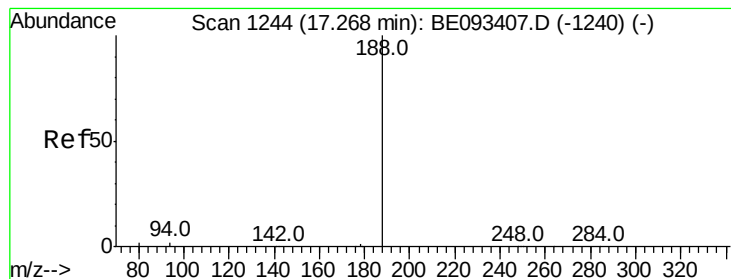
165 98.4 78.6 117.8

167 53.5 11.1 16.7#



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: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

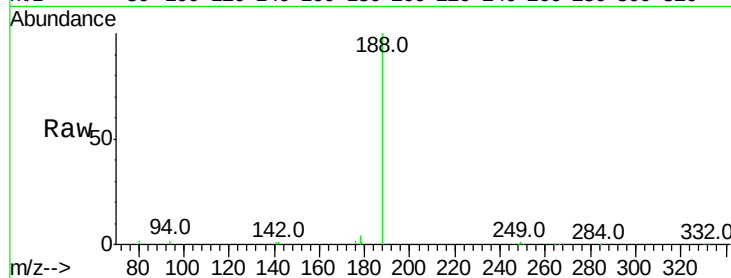
Tot Ion:188 Resp: 30975

Ion Ratio Lower Upper

188 100

94 2.4 11.3 16.9#

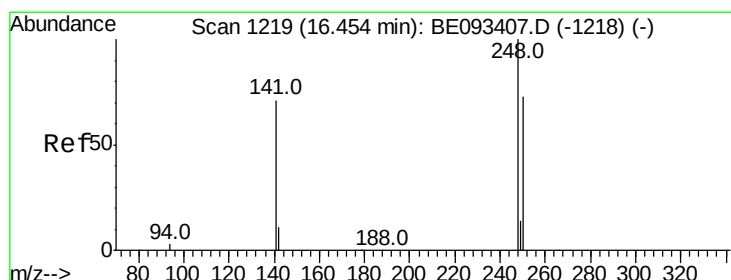
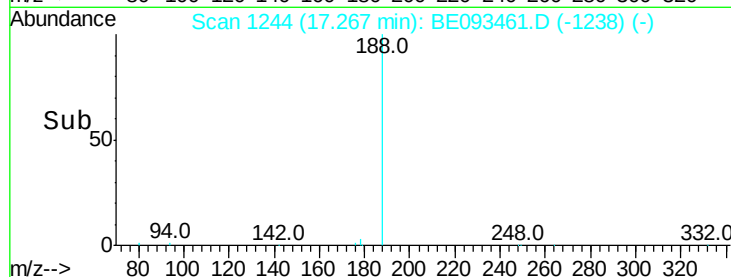
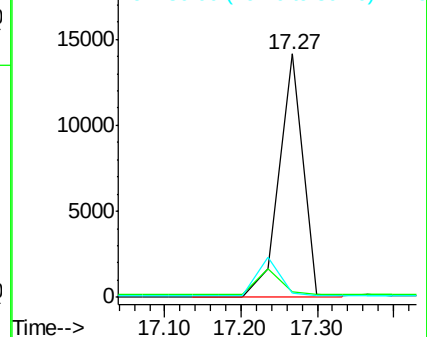
80 1.8 11.7 17.5#



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: 0.583 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

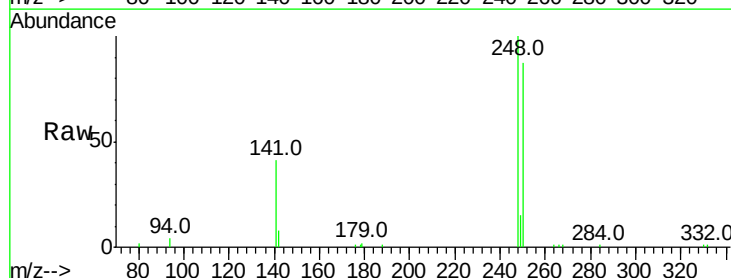
Tgt Ion:248 Resp: 9903

Ion Ratio Lower Upper

248 100

250 87.0 40.8 61.2#

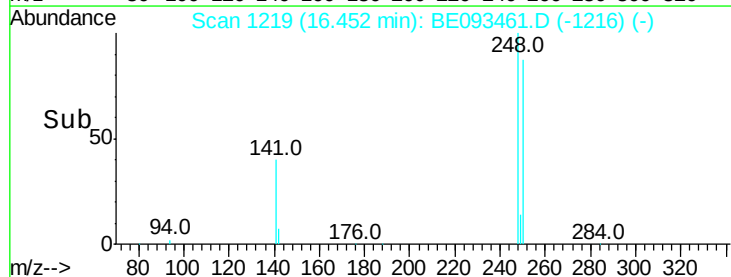
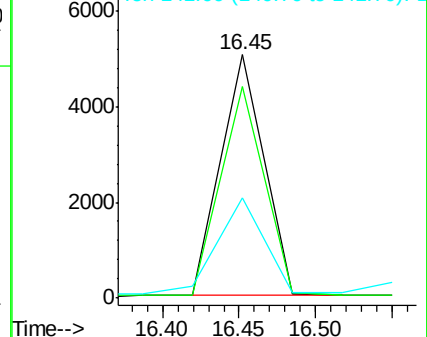
141 41.0 161.6 242.4#

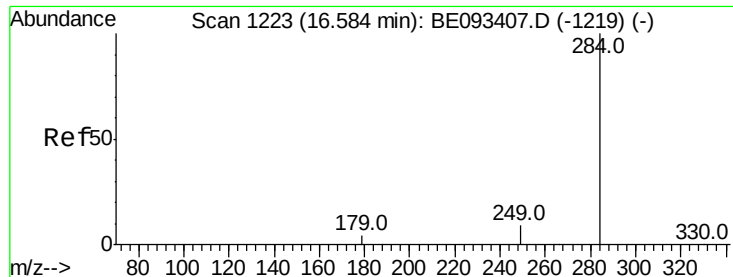


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

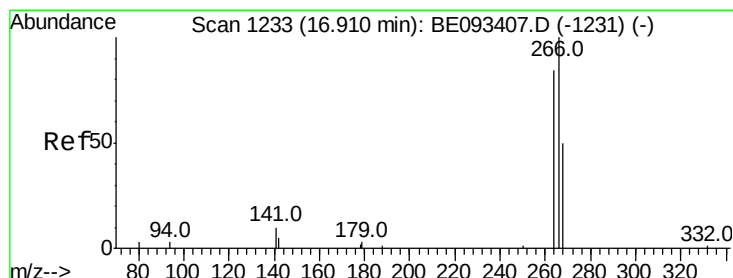
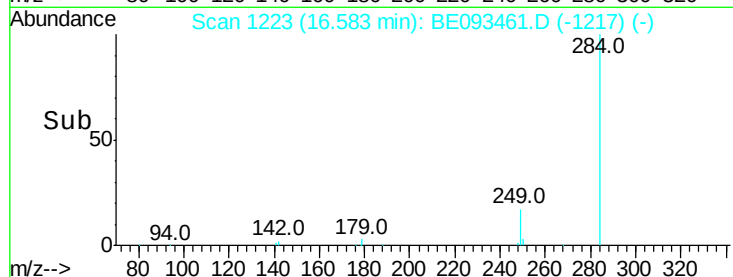
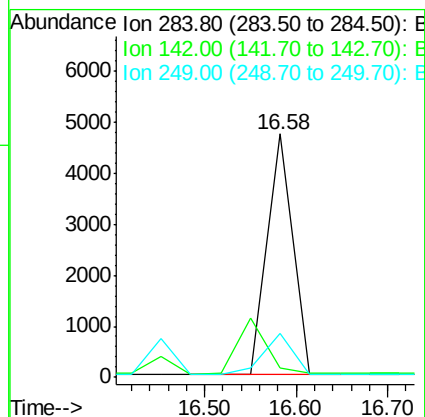
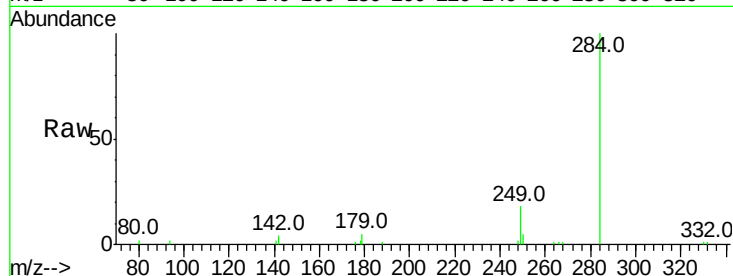




#21
Hexachlorobenzene
Concen: 0.507 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

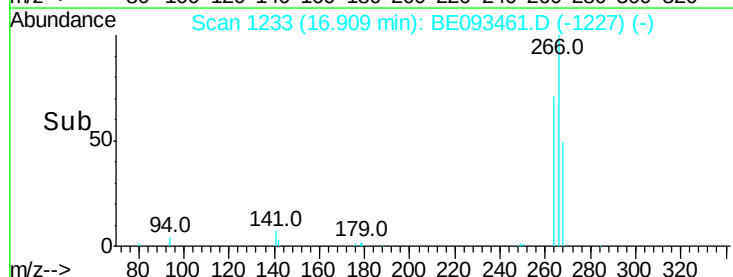
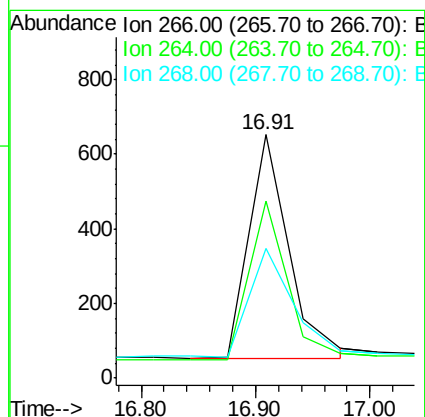
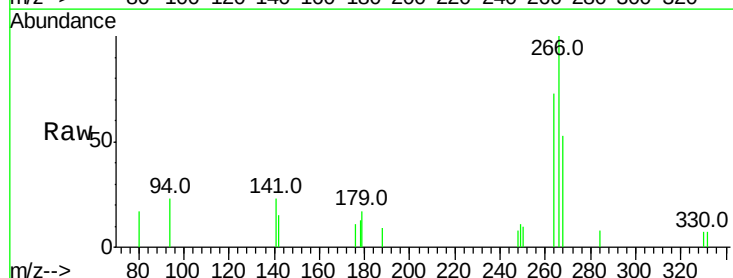
Instrument :
BNA_E
ClientSampleId :

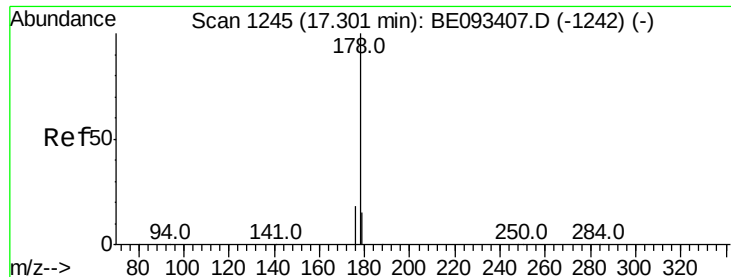
Tot Ion:284 Resp: 9304
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 19.4 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.603 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion:266 Resp: 1439
Ion Ratio Lower Upper
266 100
264 72.7 58.2 87.2
268 53.4 71.9 107.9#

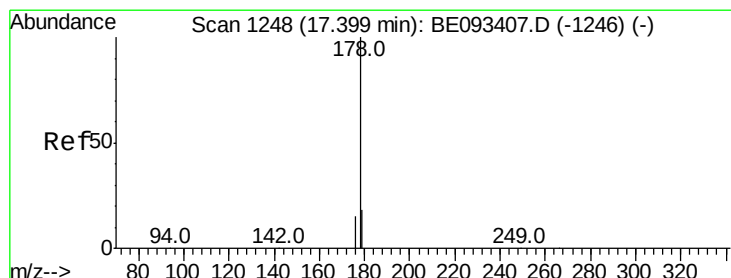
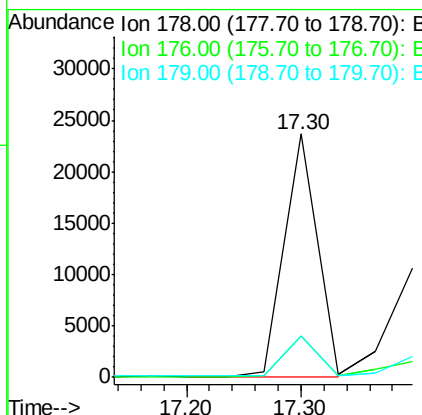
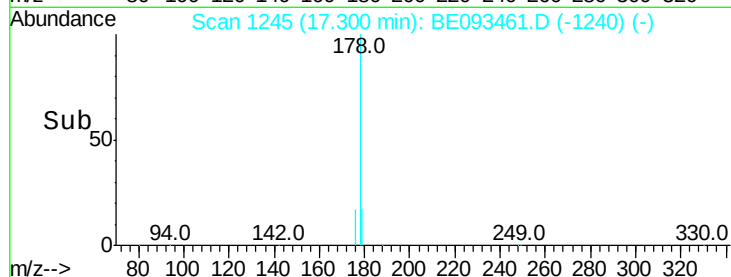
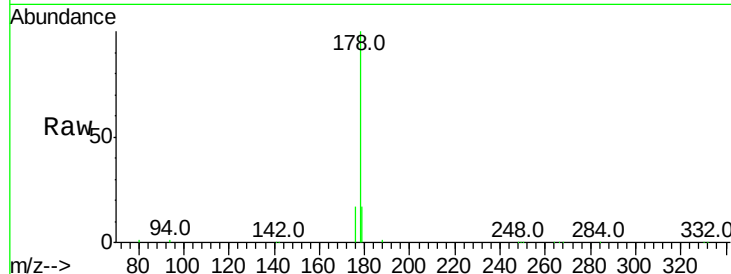




#23
Phenanthrene
Concen: 0.420 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

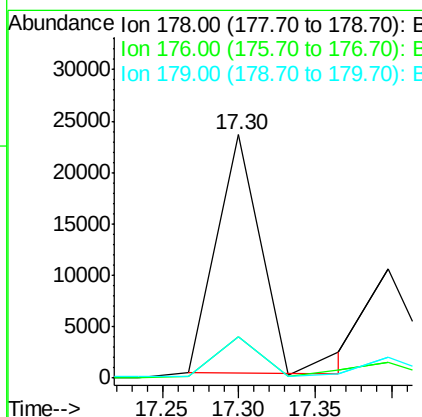
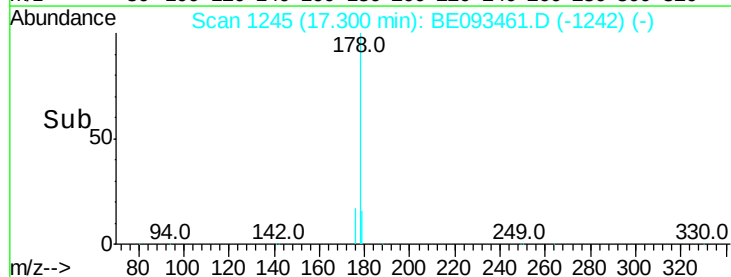
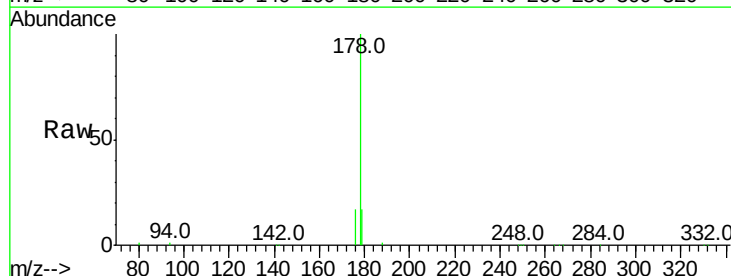
Instrument :
BNA_E
ClientSampleId :

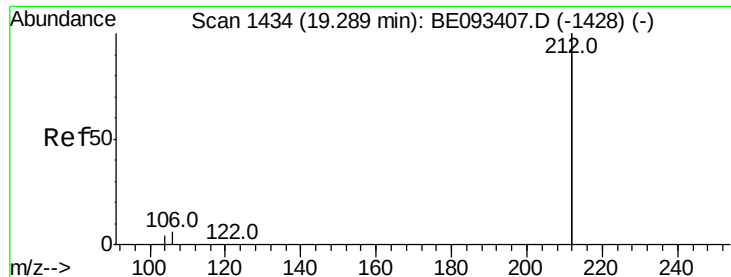
Tot Ion:178 Resp: 47245
Ion Ratio Lower Upper
178 100
176 17.0 15.0 22.4
179 16.5 12.7 19.1



#24
Anthracene
Concen: 0.708 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion:178 Resp: 48899
Ion Ratio Lower Upper
178 100
176 16.8 14.6 22.0
179 16.0 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampled :

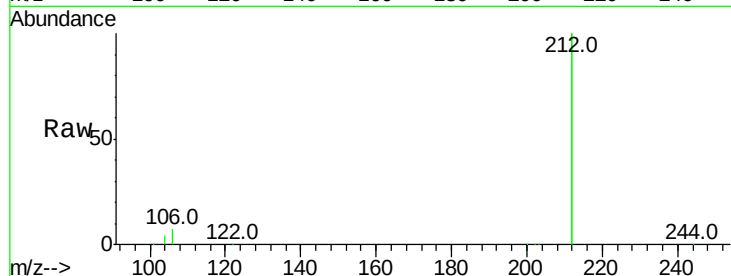
Tot Ion:212 Resp: 161033

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

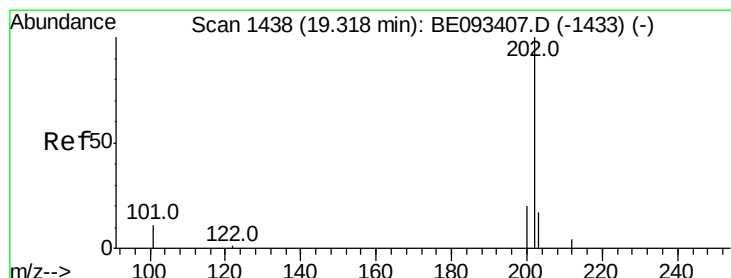
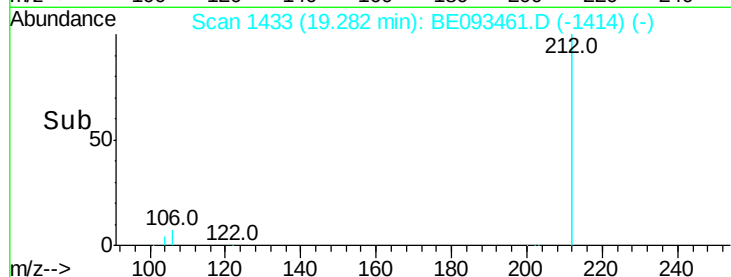
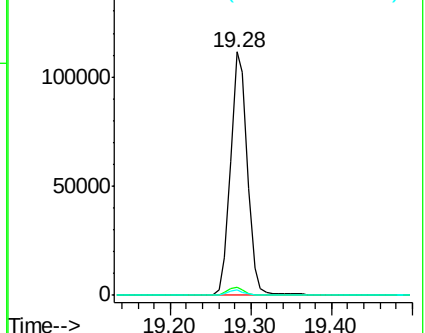
104 1.9 1.6 2.4



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: 0.430 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

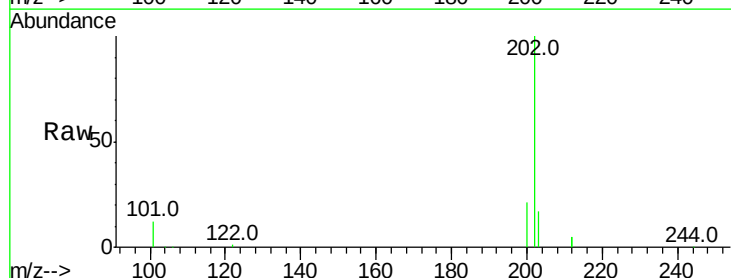
Tgt Ion:202 Resp: 45550

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

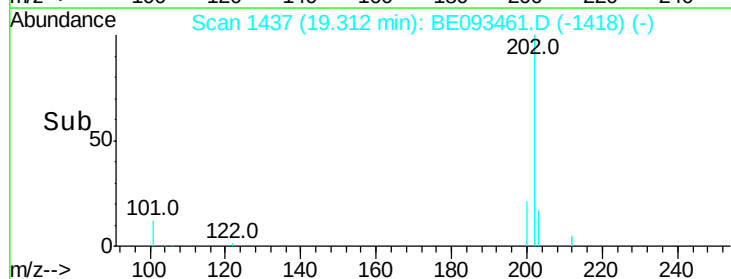
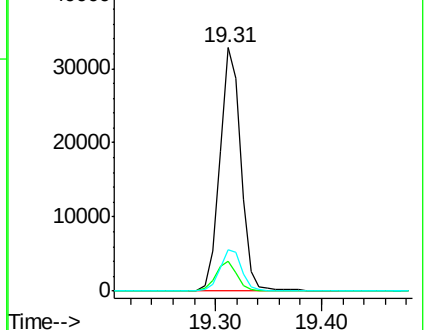
203 17.2 14.4 21.6

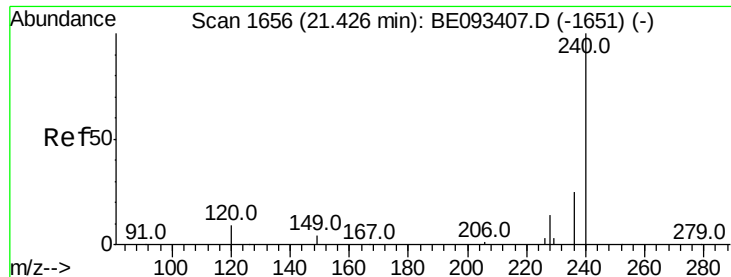


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

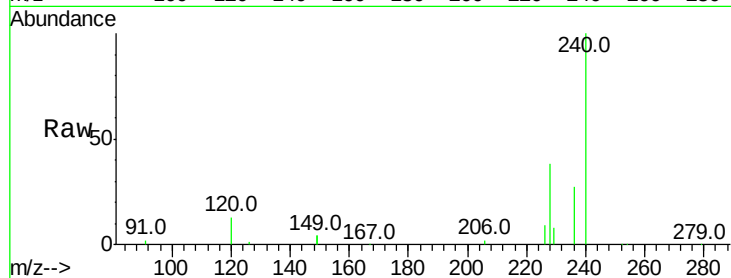
Tot Ion:240 Resp: 39107

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

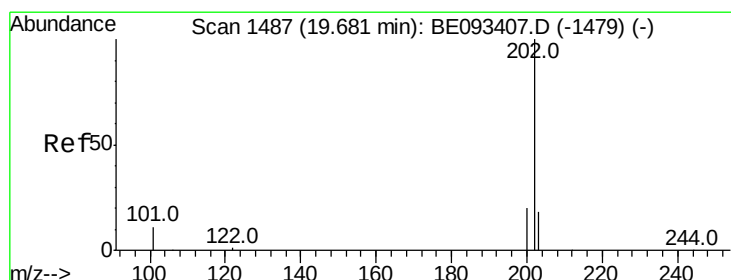
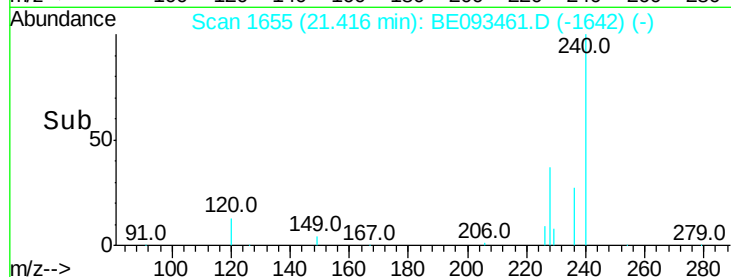
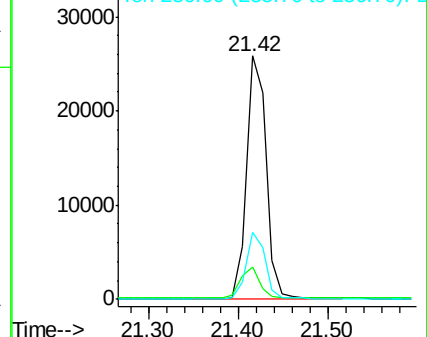
236 27.4 20.8 31.2



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: 0.420 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

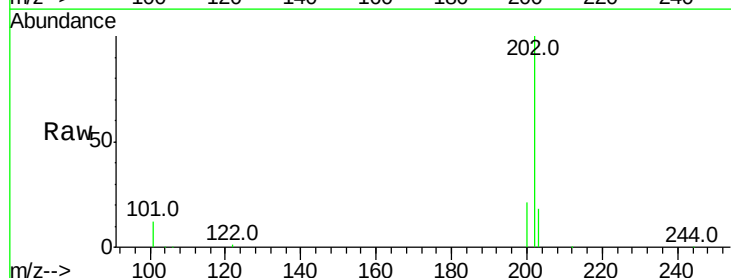
Tgt Ion:202 Resp: 46118

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

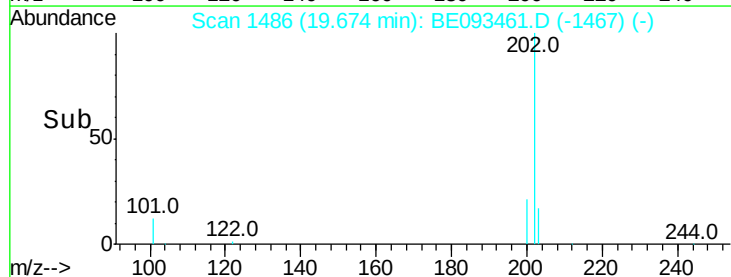
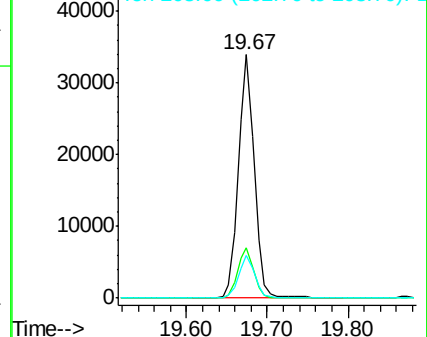
203 17.5 13.7 20.5

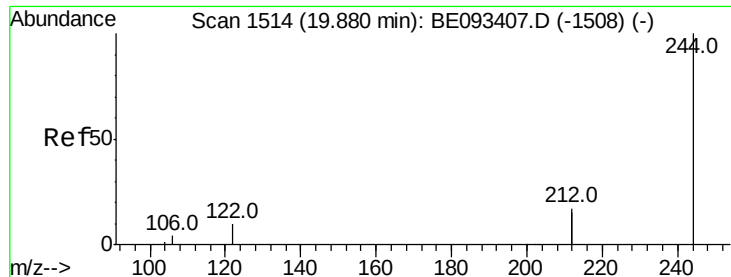


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

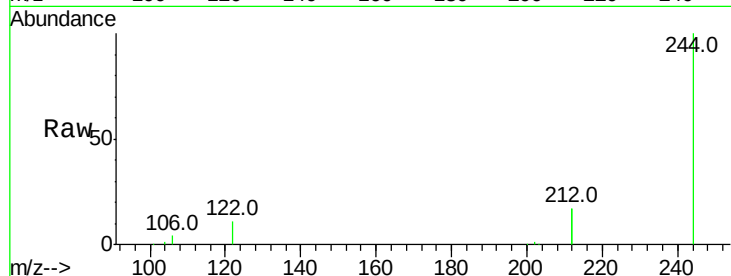
Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :



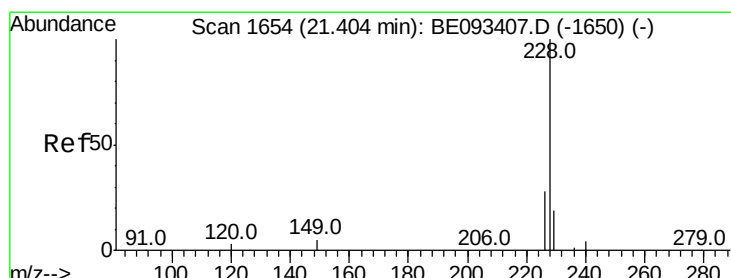
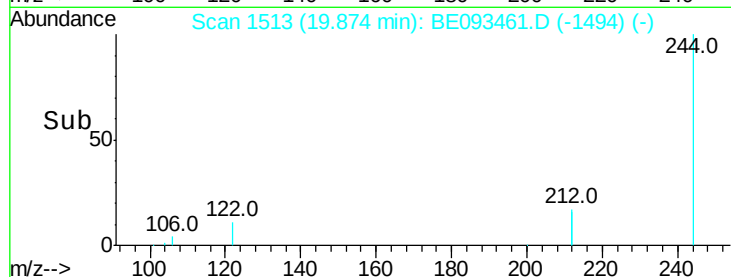
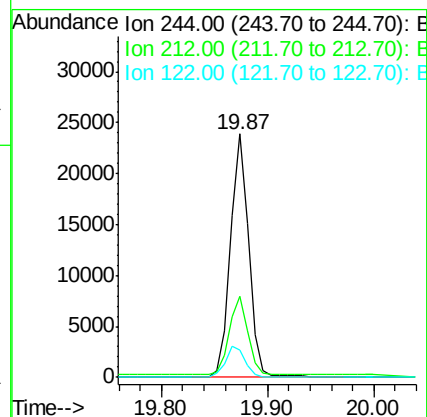
Tot Ion:244 Resp: 28985

Ion Ratio Lower Upper

244 100

212 33.1 10.6 16.0#

122 11.2 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.385 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

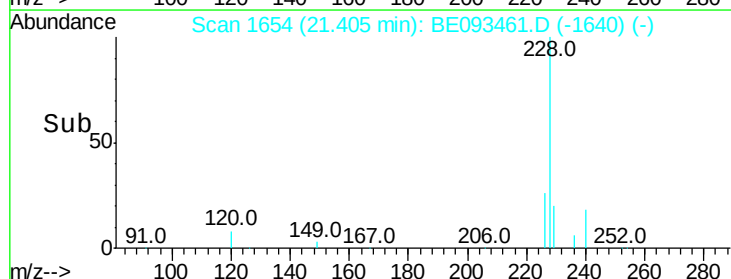
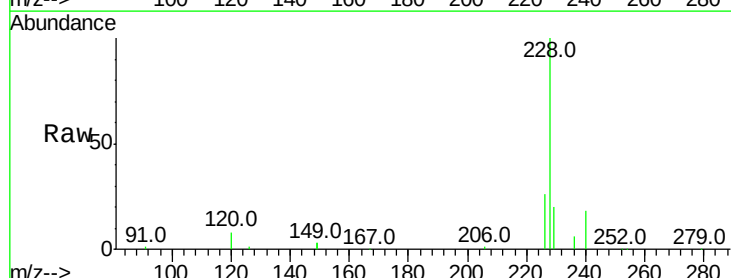
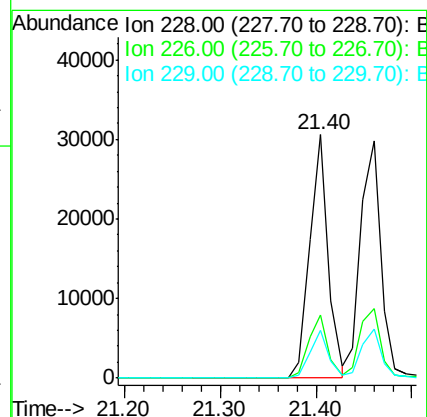
Tgt Ion:228 Resp: 40657

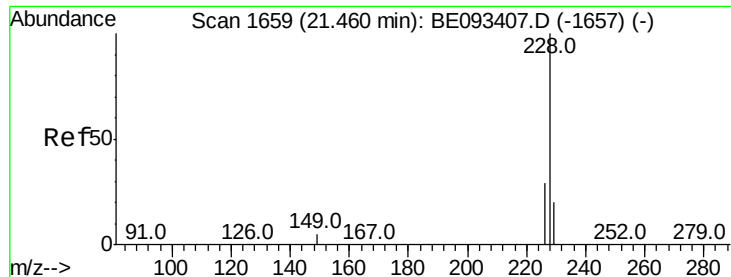
Ion Ratio Lower Upper

228 100

226 26.0 19.7 29.5

229 19.9 19.2 28.8





#31

Chrysene

Concen: 0.399 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

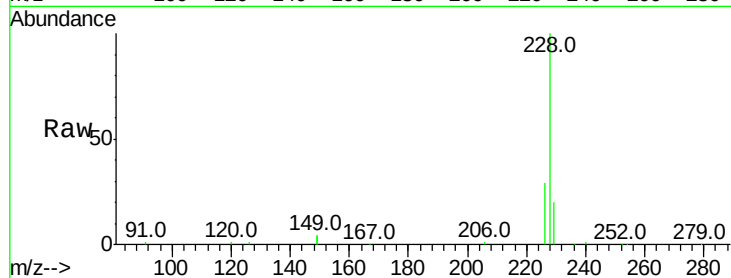
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 44077

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	20.4	18.6	28.0

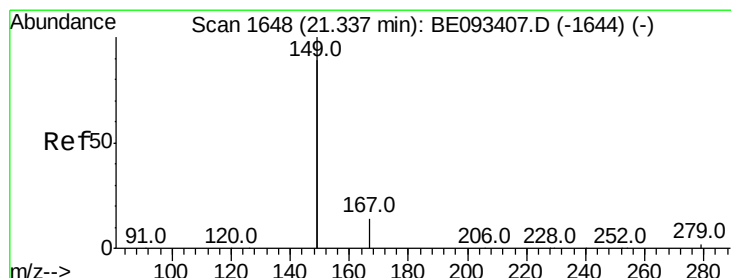
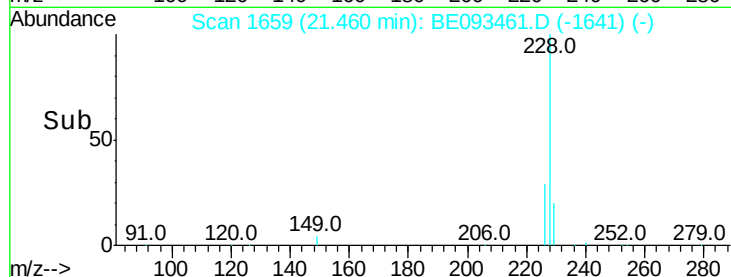
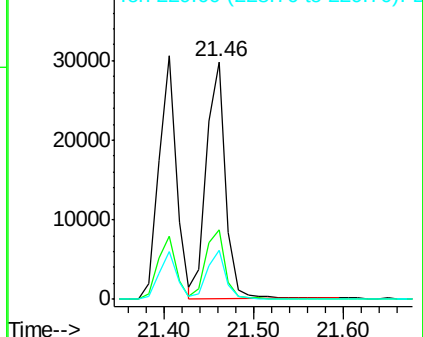


Abundance

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: 0.371 ng

RT: 21.33 min Scan# 1647

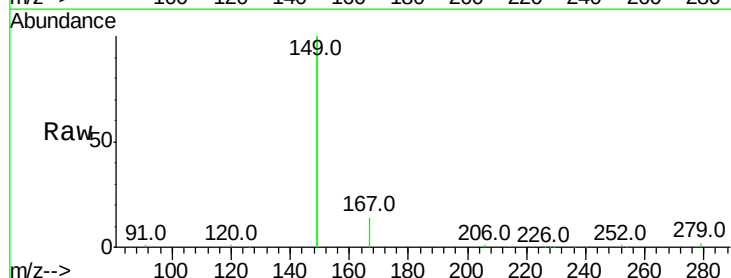
Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Tgt Ion:149 Resp: 56478

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.9	2.2	3.4#

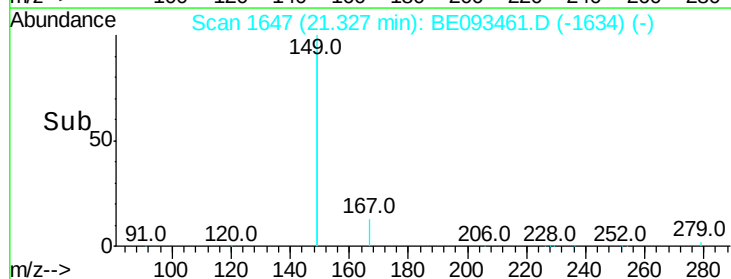
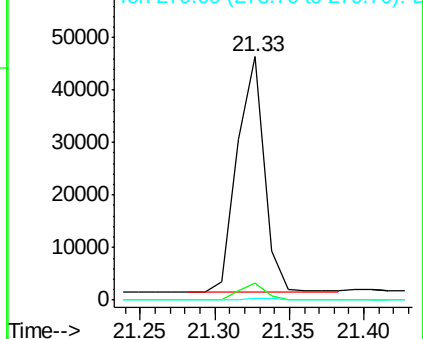


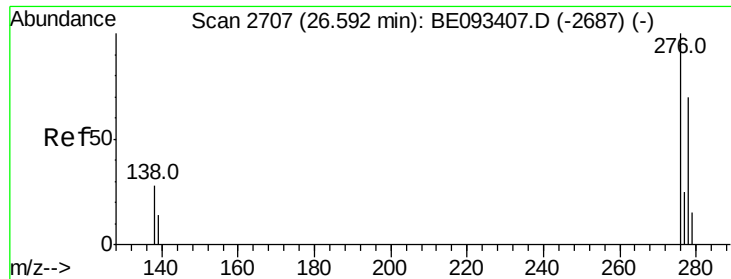
Abundance

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

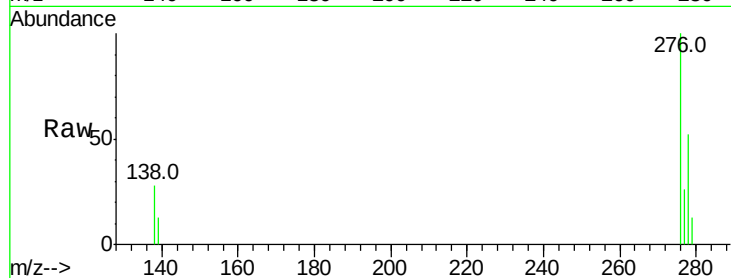




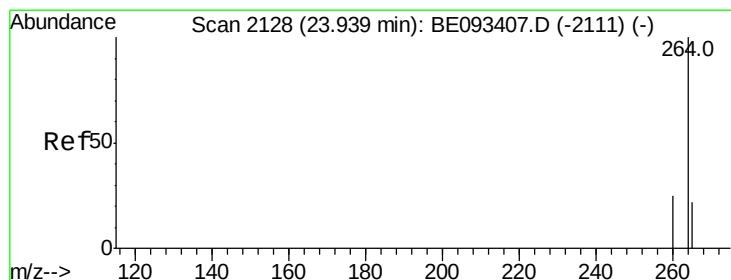
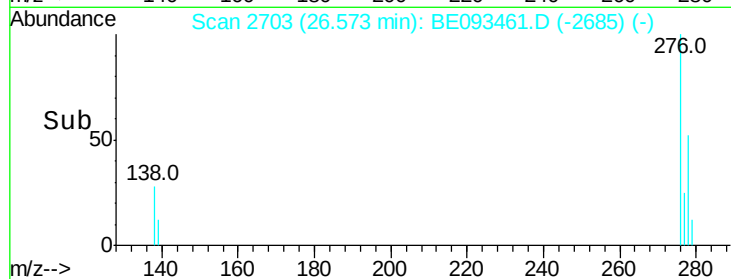
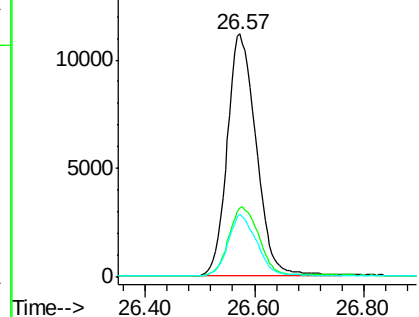
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.424 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.02 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 41104
 Ion Ratio Lower Upper
 276 100
 138 29.1 27.4 41.2
 277 24.9 20.1 30.1

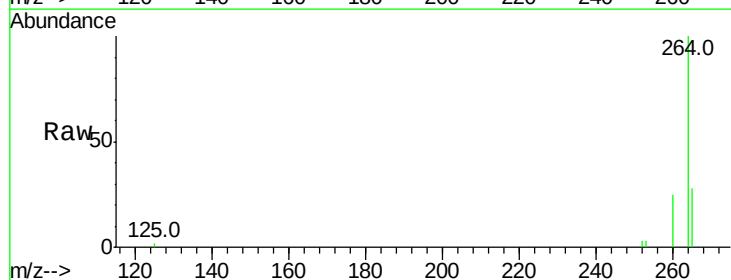


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

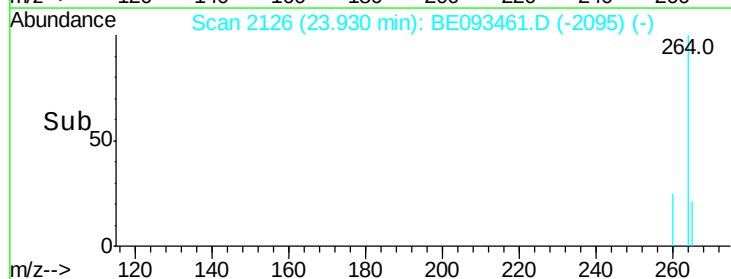
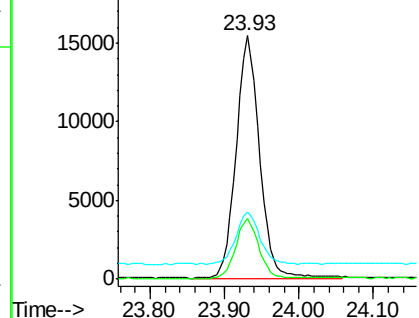


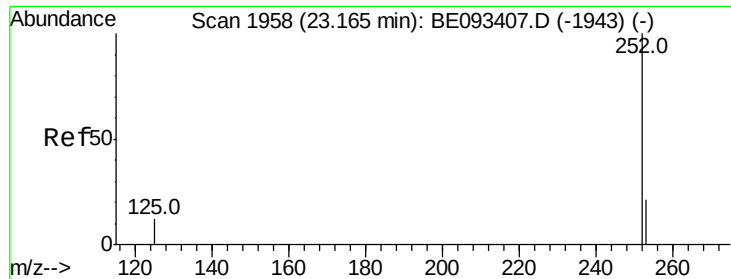
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093461.D
 Acq: 13 Jul 2017 16:41

Tgt Ion:264 Resp: 33504
 Ion Ratio Lower Upper
 264 100
 260 24.8 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: 0.383 ng

RT: 23.16 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :

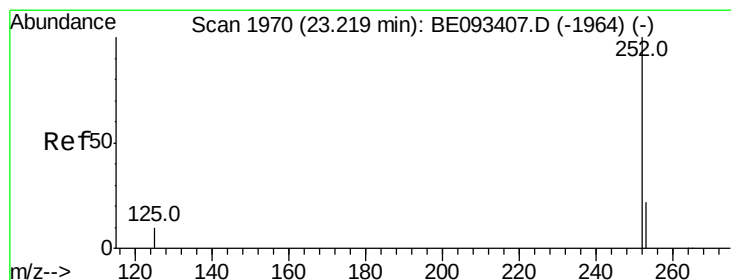
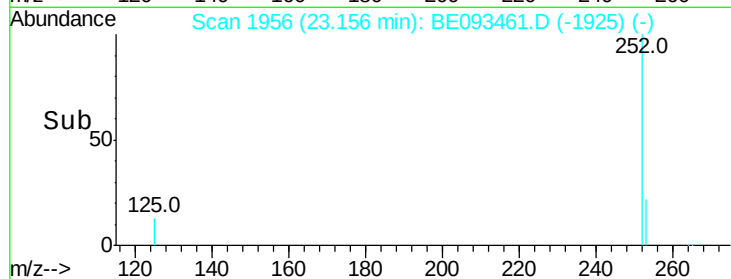
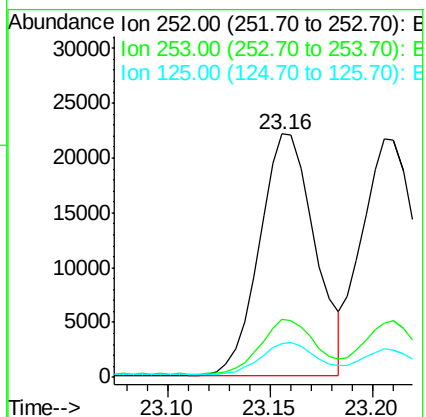
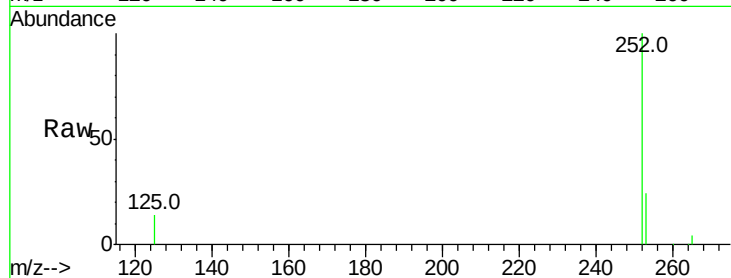
Tot Ion:252 Resp: 41490

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

125 13.9 13.4 20.0



#36

Benzo(k)fluoranthene

Concen: 0.388 ng

RT: 23.16 min Scan# 1956

Delta R.T. -0.06 min

Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

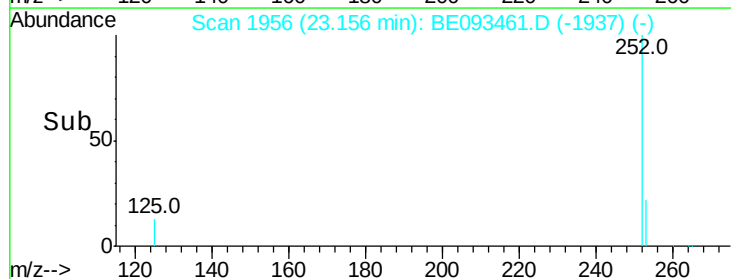
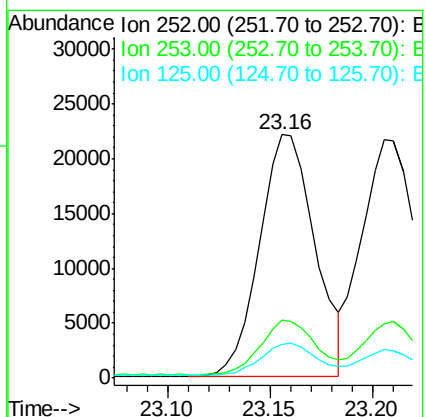
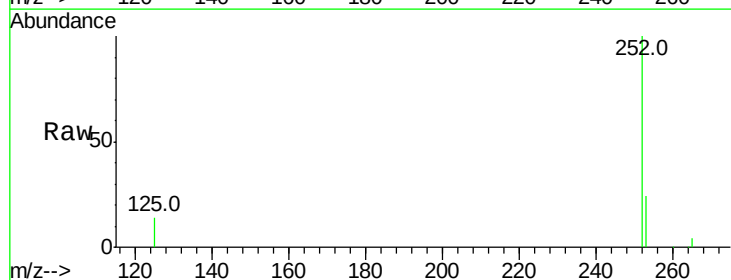
Tgt Ion:252 Resp: 41490

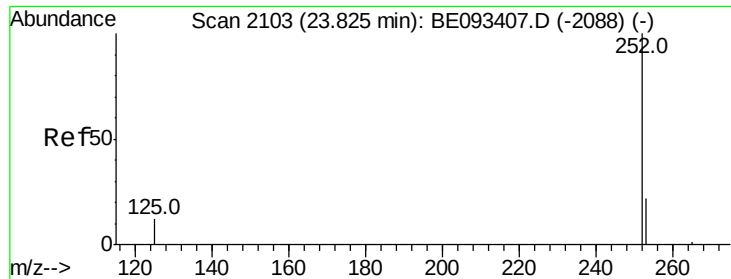
Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

125 13.9 12.2 18.4

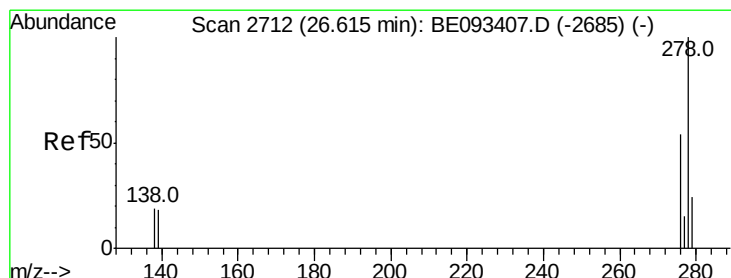
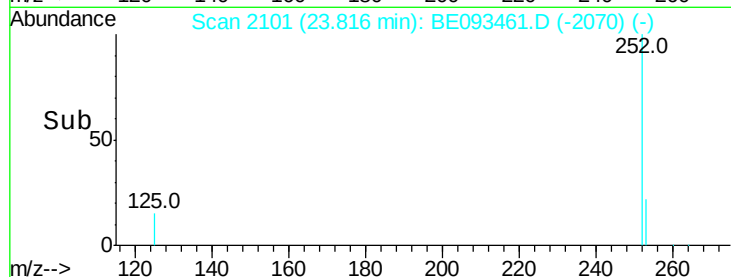
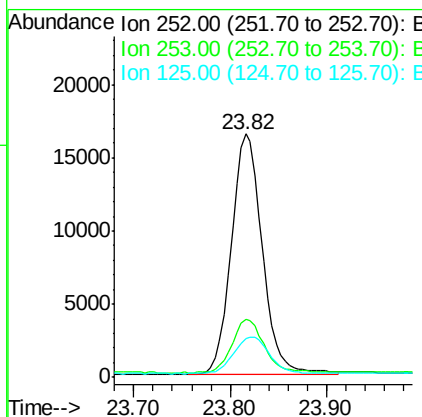
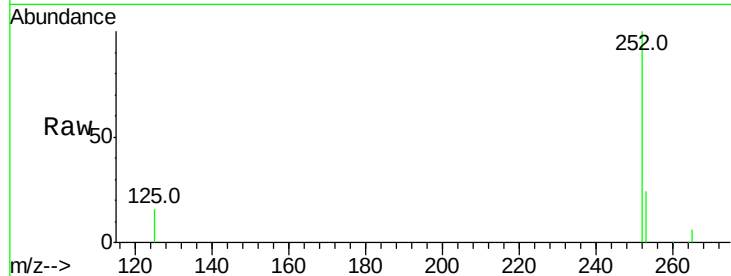




#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

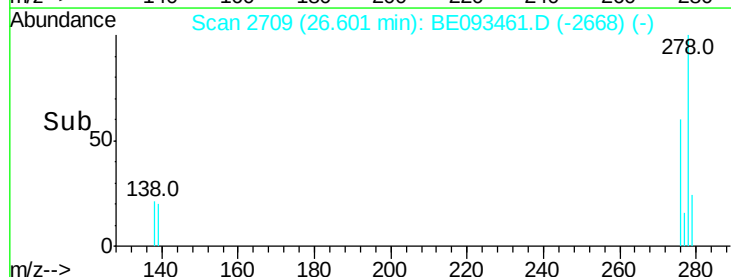
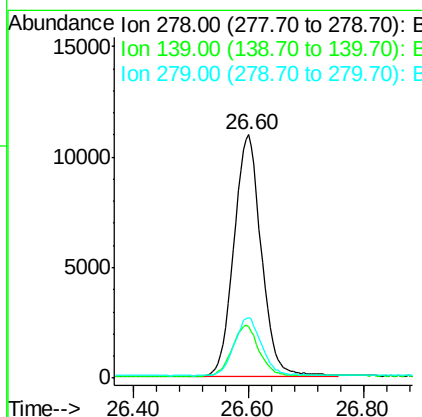
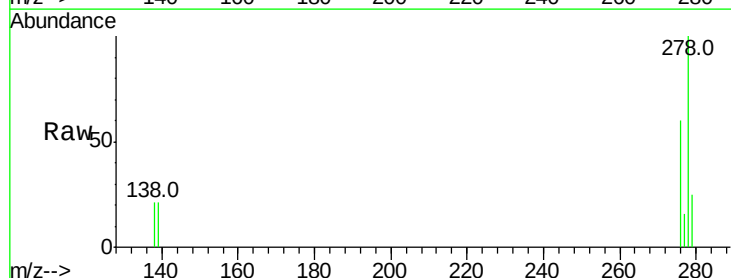
Instrument :
BNA_E
ClientSampleId :

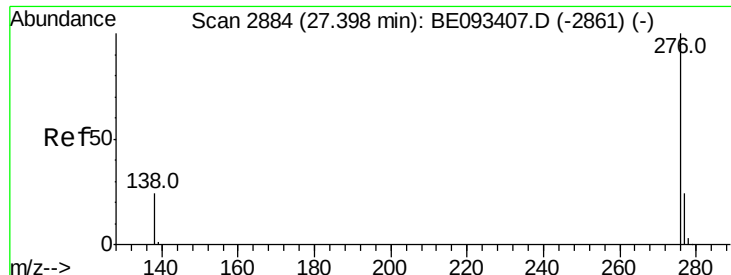
Tot Ion:252 Resp: 36743
Ion Ratio Lower Upper
252 100
253 24.1 19.9 29.9
125 15.9 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093461.D
Acq: 13 Jul 2017 16:41

Tgt Ion:278 Resp: 36588
Ion Ratio Lower Upper
278 100
139 20.9 21.4 32.0#
279 24.6 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.387 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

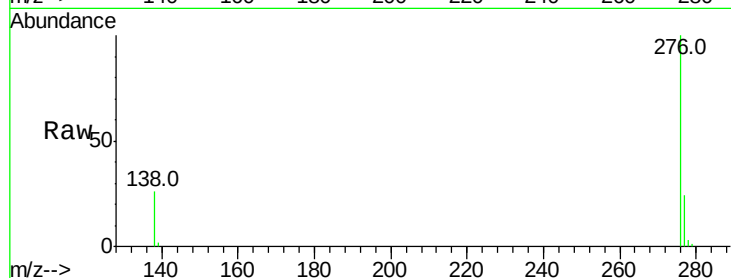
Lab File: BE093461.D

Acq: 13 Jul 2017 16:41

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 35989

Ion Ratio Lower Upper

276 100

277 24.2 21.2 31.8

138 26.3 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

