

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
 Data File : BE093430.D
 Acq On : 6 Jul 2017 14:58
 Operator : SJ/JU
 Sample : I3757-05
 Misc : LOD 0.1 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:49:46 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	7.95	152	4040	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22117	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13636	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	35122	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37416	0.40	ng	0.00
34) Perylene-d12	23.94	264	32153	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	5106	0.42	ng	0.00
5) Phenol-d6	7.10	99	8020	0.45	ng	0.00
8) Nitrobenzene-d5	9.08	82	6272	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	16908	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1351	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	22996	0.43	ng	0.00
25) Fluoranthene-d10	19.29	212	194424	0.46	ng	0.00
29) Terphenyl-d14	19.88	244	29415	0.44	ng	0.00

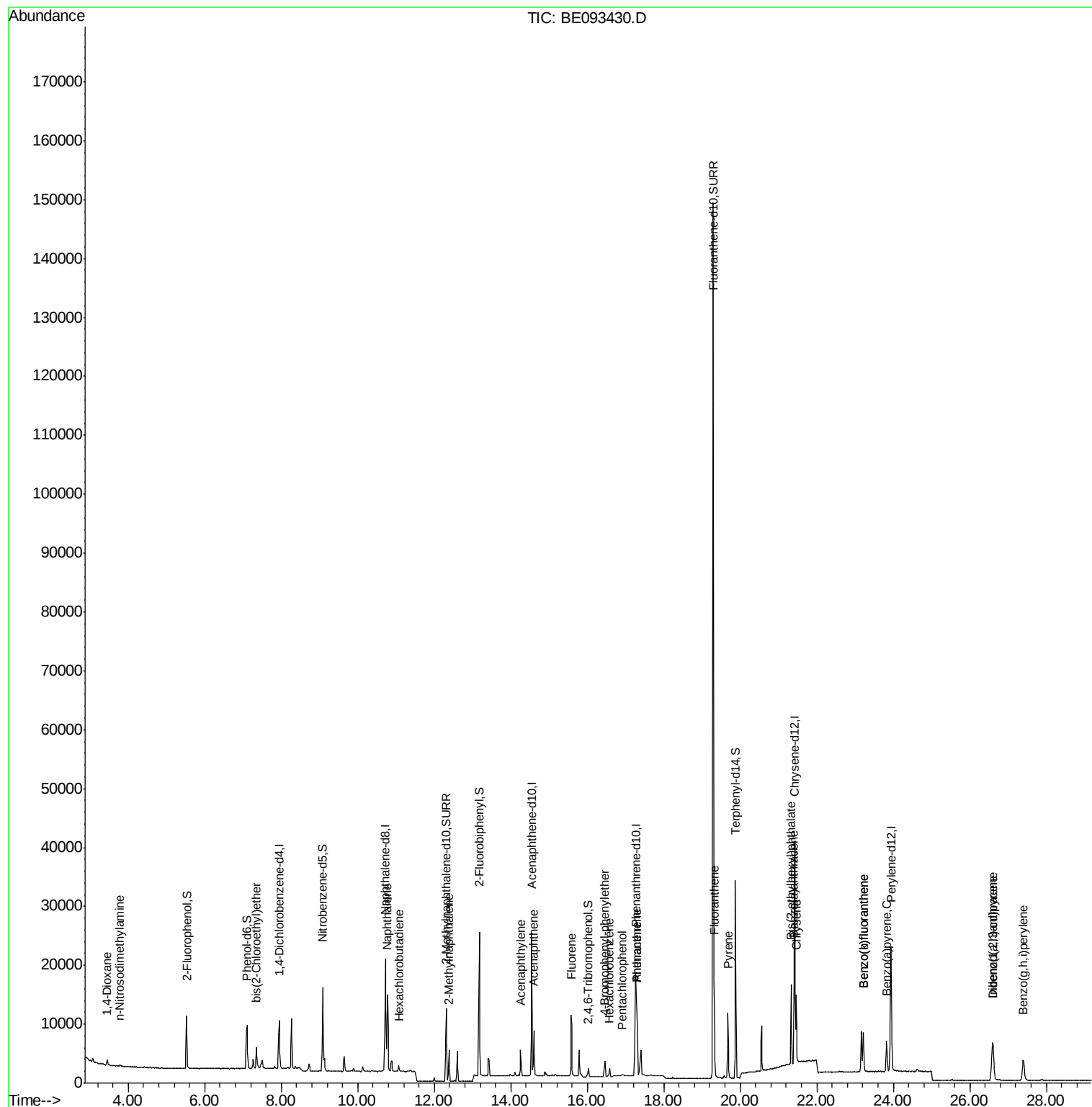
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	858	0.10	ng	# 89
3) n-Nitrosodimethylamine	3.78	42	353	0.18	ng	# 93
6) bis(2-Chloroethyl)ether	7.35	93	1282	0.09	ng	# 93
9) Naphthalene	10.77	128	22231	0.10	ng	# 74
10) Hexachlorobutadiene	11.08	225	798	0.09	ng	96
12) 2-Methylnaphthalene	12.38	142	3775	0.10	ng	95
16) Acenaphthylene	14.26	152	5122	0.09	ng	# 86
17) Acenaphthene	14.60	154	3889	0.09	ng	99
18) Fluorene	15.59	166	4996	0.09	ng	# 85
20) 4-Bromophenyl-phenylether	16.45	248	2017	0.10	ng	# 21
21) Hexachlorobenzene	16.58	284	2065	0.10	ng	# 100
22) Pentachlorophenol	16.91	266	295	0.06	ng	# 81
23) Phenanthrene	17.30	178	12139	0.10	ng	98
24) Anthracene	17.30	178	12372	0.16	ng	99
26) Fluoranthene	19.32	202	10587	0.09	ng	99
28) Pyrene	19.68	202	10616	0.10	ng	# 98
30) Benzo(a)anthracene	21.40	228	9845	0.10	ng	93
31) Chrysene	21.46	228	10063	0.10	ng	93
32) Bis(2-ethylhexyl)phthalate	21.33	149	14855	0.10	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.59	276	9189	0.10	ng	95
35) Benzo(b)fluoranthene	23.22	252	9186	0.09	ng	95
36) Benzo(k)fluoranthene	23.22	252	9186	0.09	ng	96
37) Benzo(a)pyrene	23.83	252	8502	0.09	ng	# 91
38) Dibenzo(a,h)anthracene	26.61	278	8152	0.09	ng	97
39) Benzo(g,h,i)perylene	27.39	276	8396	0.09	ng	95

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

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QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampled :

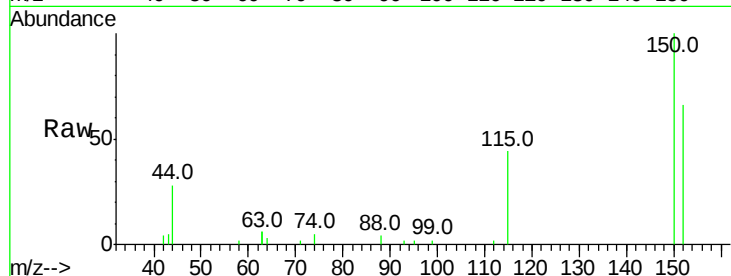
Tot Ion:152 Resp: 4040

Ion Ratio Lower Upper

152 100

150 150.9 125.1 187.7

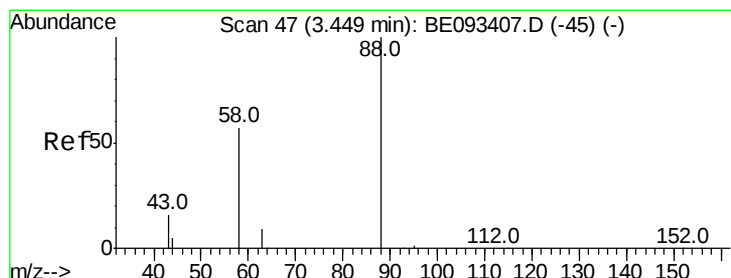
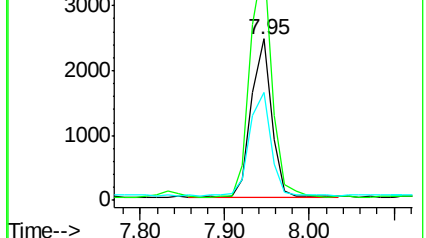
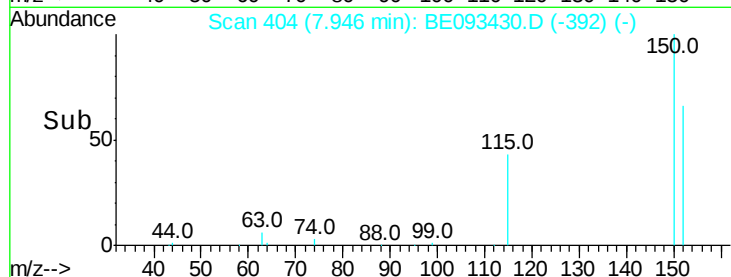
115 66.9 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

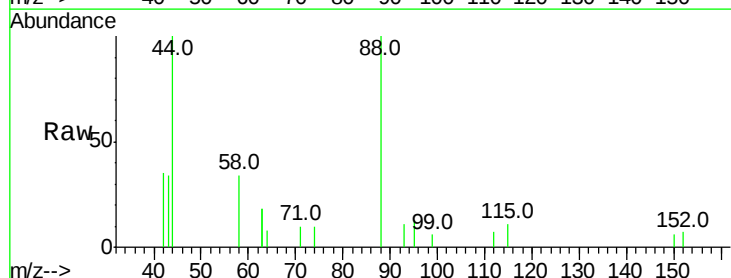
Tgt Ion: 88 Resp: 858

Ion Ratio Lower Upper

88 100

58 69.7 62.2 93.4

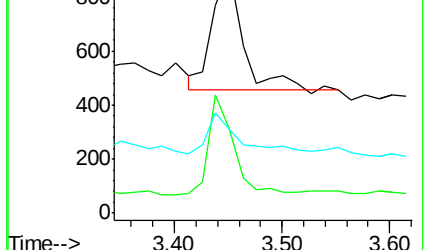
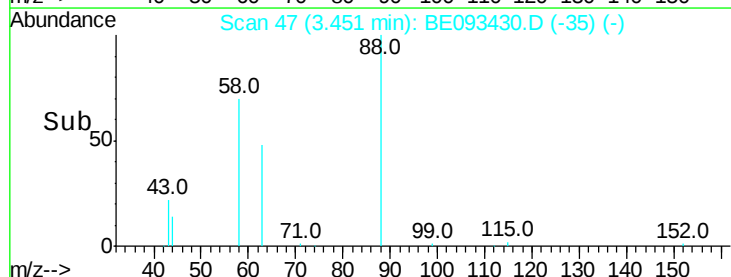
43 36.4 23.2 34.8#

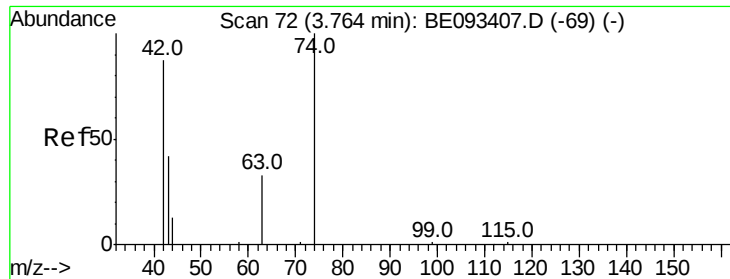


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



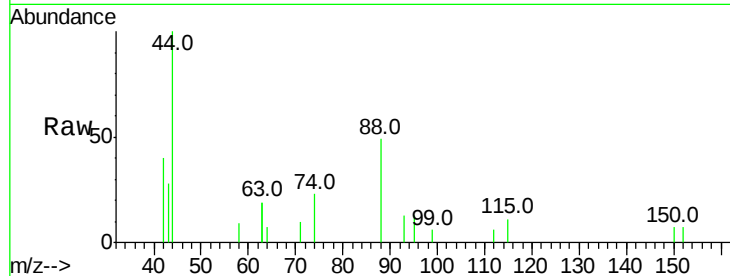


#3

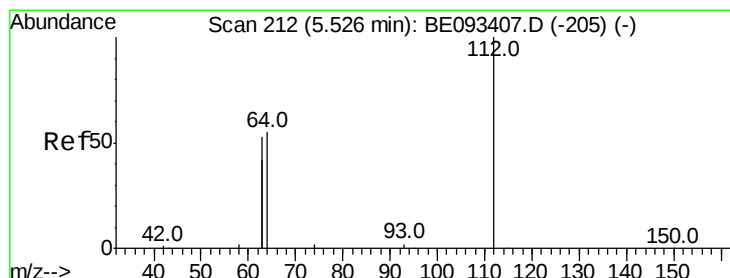
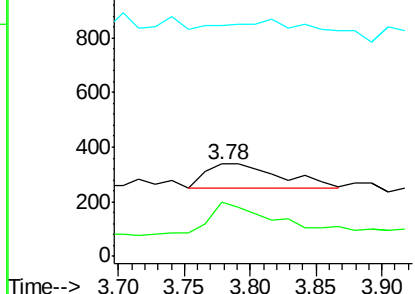
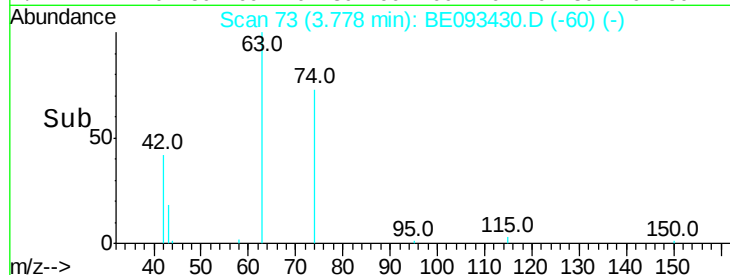
n-Nitrosodimethylamine
 Concen: 0.18 ng
 RT: 3.78 min Scan# 73
 Delta R.T. 0.02 min
 Lab File: BE093430.D
 Acq: 6 Jul 2017 14:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 353
 Ion Ratio Lower Upper
 42 100
 74 117.8 99.1 148.7
 44 0.0 7.4 11.2#



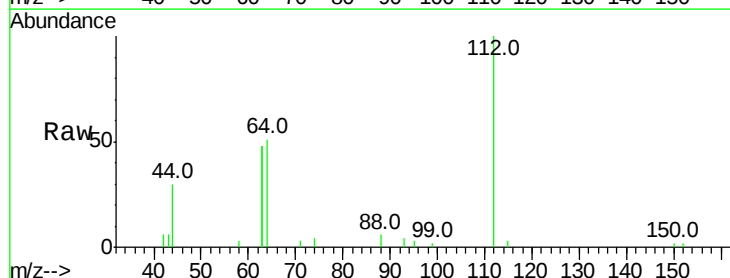
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



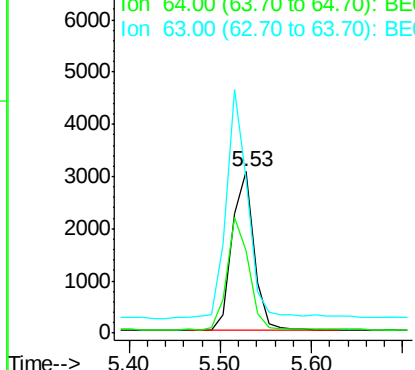
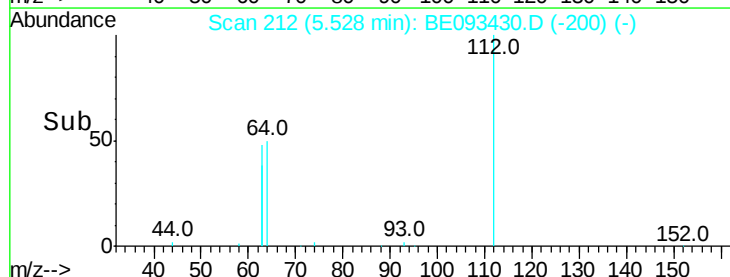
#4

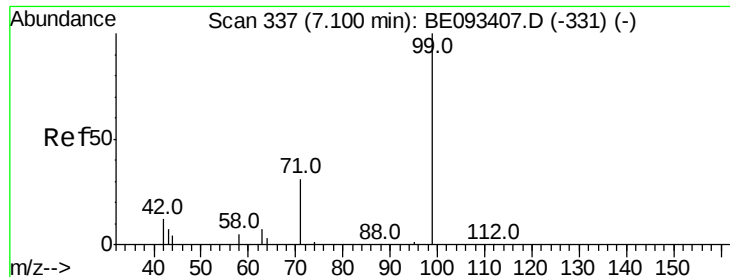
2-Fluorophenol
 Concen: 0.42 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093430.D
 Acq: 6 Jul 2017 14:58

Tgt Ion: 112 Resp: 5106
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.4 84.6
 63 139.8 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: 0.45 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

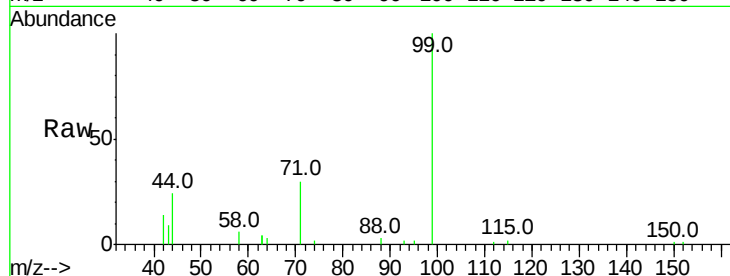
Tot Ion: 99 Resp: 8020

Ion Ratio Lower Upper

99 100

42 17.6 0.0 0.0#

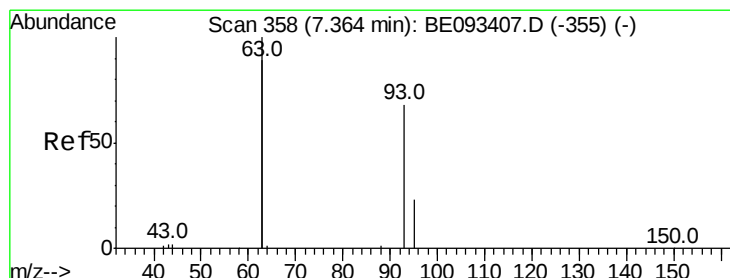
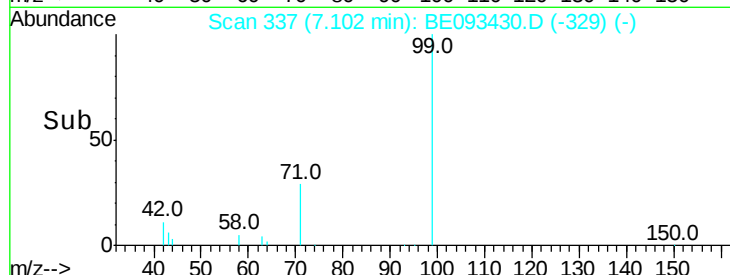
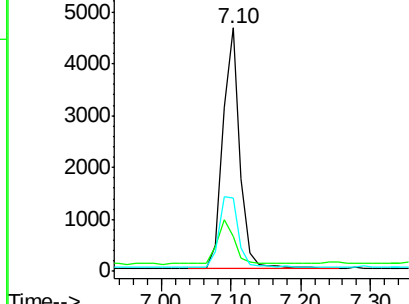
71 33.4 0.0 0.0#



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: 0.09 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

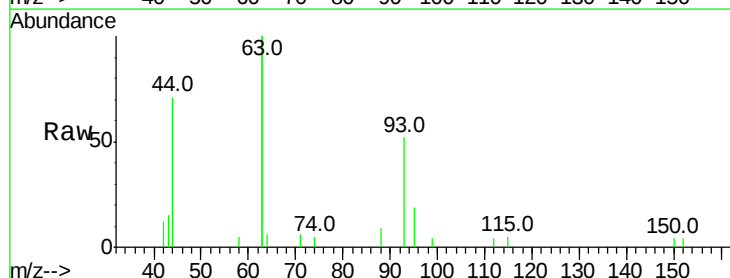
Tgt Ion: 93 Resp: 1282

Ion Ratio Lower Upper

93 100

63 348.4 0.0 0.0#

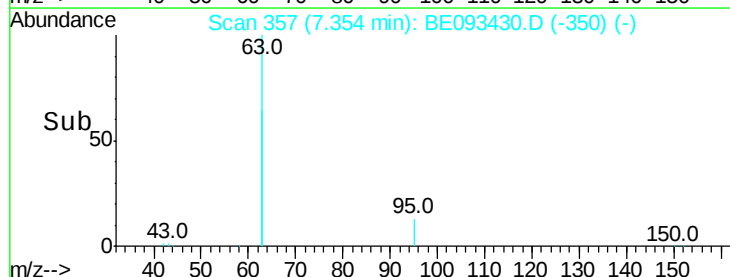
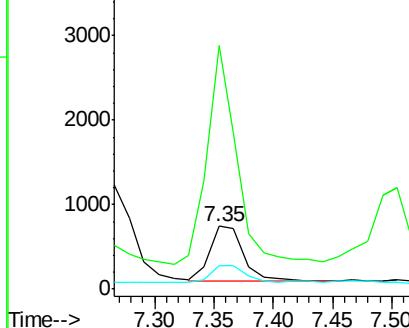
95 35.4 25.4 38.0

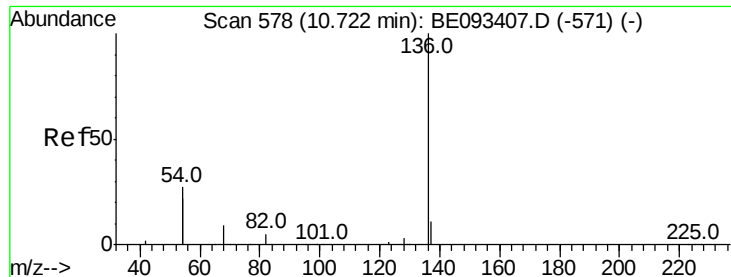


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 22117

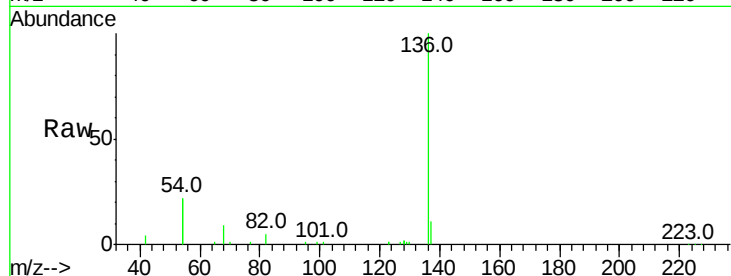
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 44.6 10.3 15.5#

68 9.0 9.0 13.4

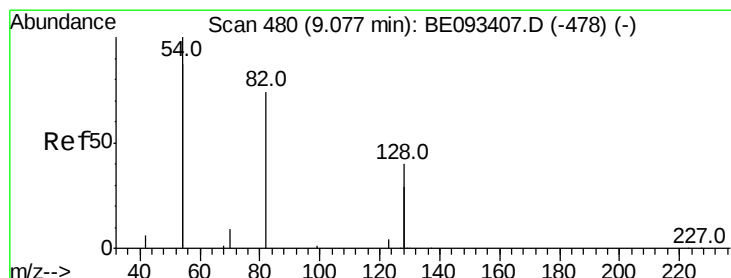
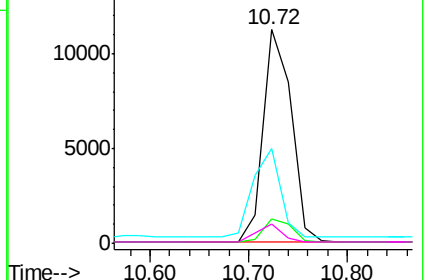
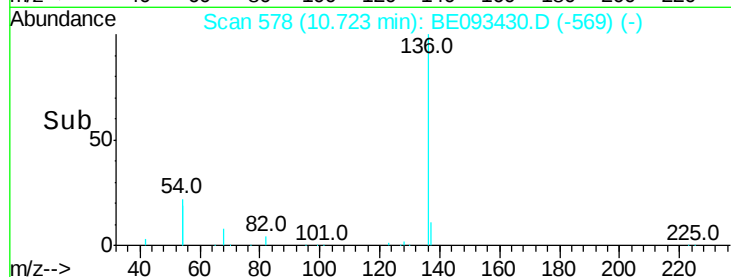


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

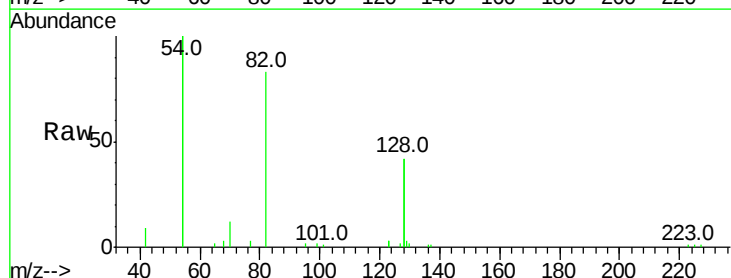
Tgt Ion: 82 Resp: 6272

Ion Ratio Lower Upper

82 100

128 100.4 17.0 25.4#

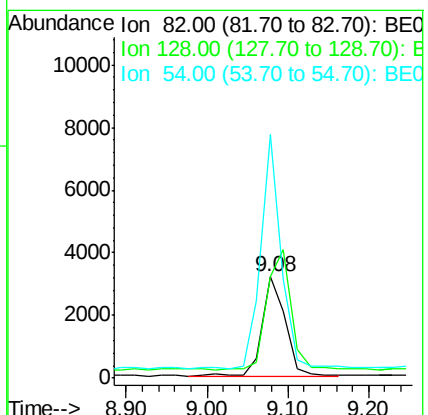
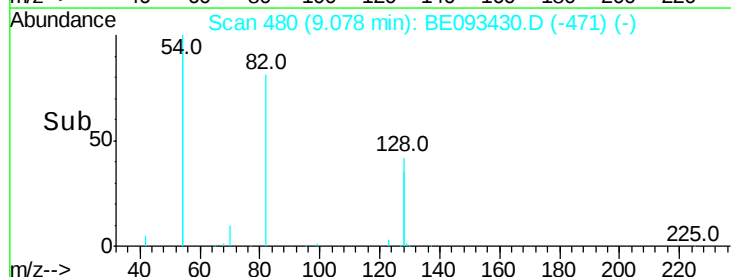
54 240.8 53.8 80.6#

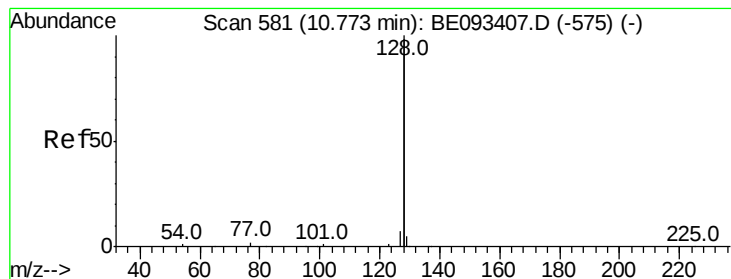


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.10 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

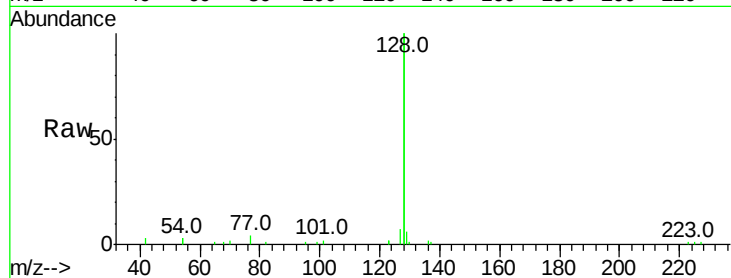
Tot Ion:128 Resp: 22231

Ion Ratio Lower Upper

128 100

129 3.1 11.4 17.0#

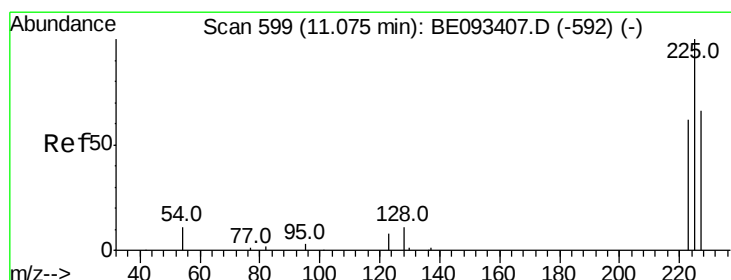
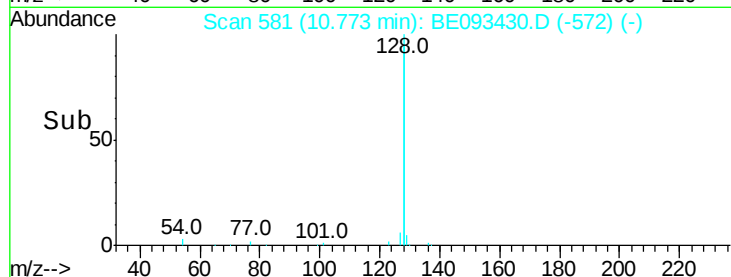
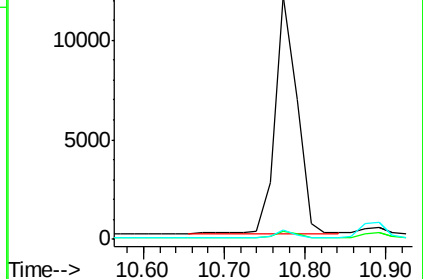
127 3.7 11.2 16.8#



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: 0.09 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

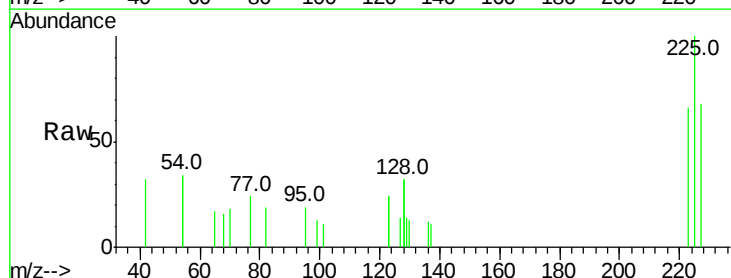
Tgt Ion:225 Resp: 798

Ion Ratio Lower Upper

225 100

223 67.8 49.7 74.5

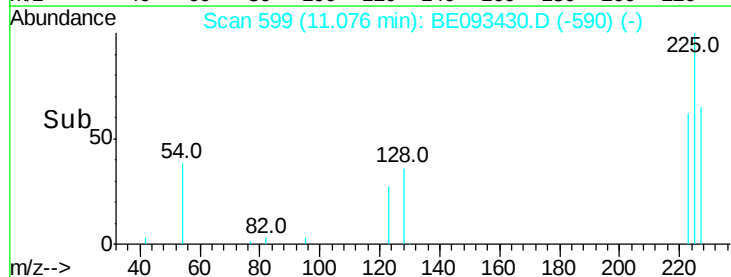
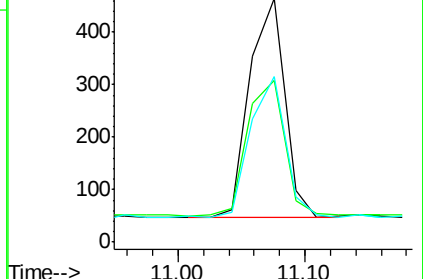
227 64.2 50.3 75.5

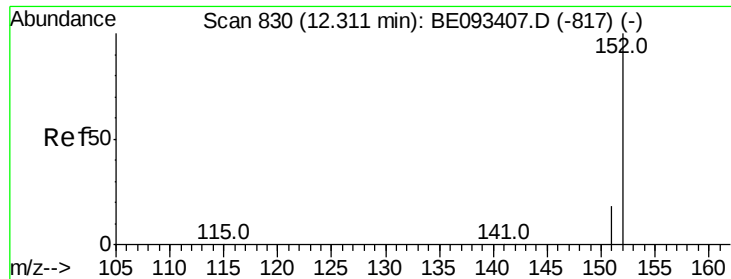


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

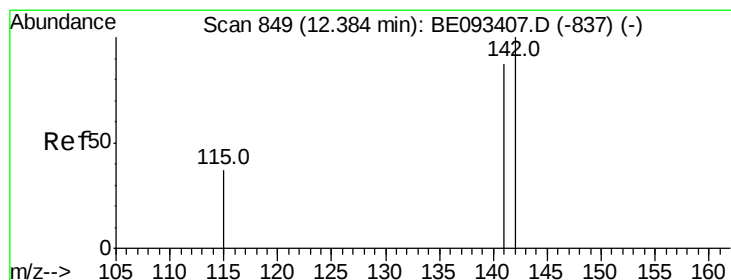
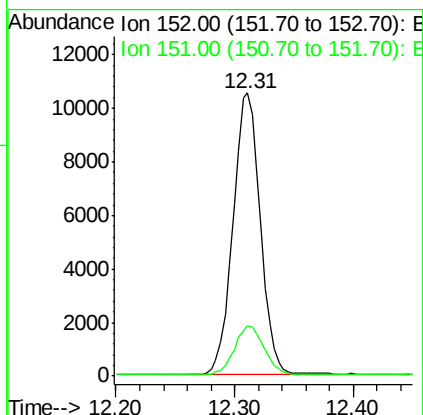
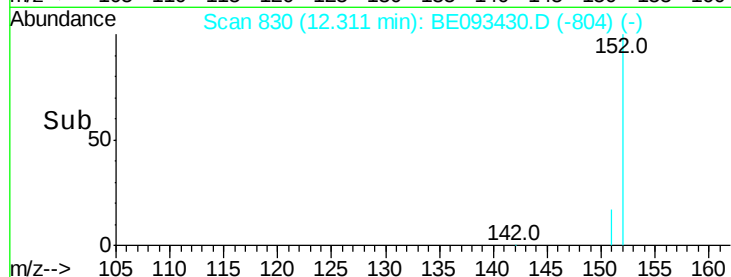
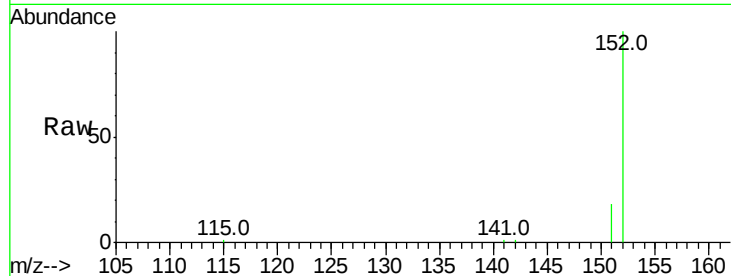




#11
 2-Methylnaphthalene-d10
 Concen: 0.48 ng
 RT: 12.31 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE093430.D
 Acq: 6 Jul 2017 14:58

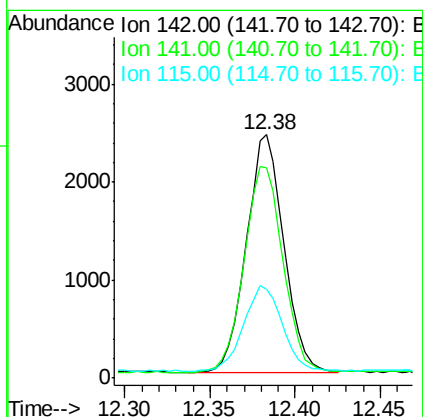
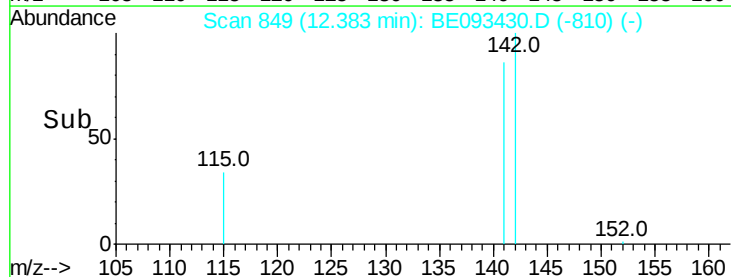
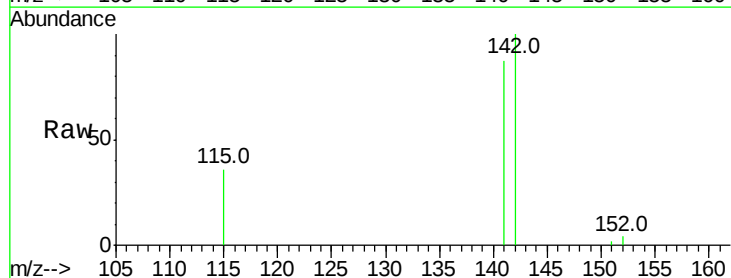
Instrument :
 BNA_E
 ClientSampleId :

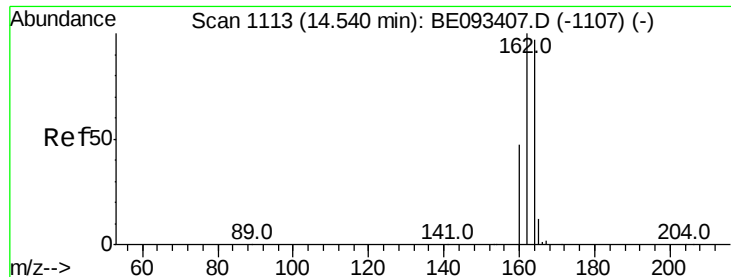
Tot Ion:152 Resp: 16908
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.10 ng
 RT: 12.38 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BE093430.D
 Acq: 6 Jul 2017 14:58

Tgt Ion:142 Resp: 3775
 Ion Ratio Lower Upper
 142 100
 141 86.6 72.6 108.8
 115 36.4 32.2 48.2

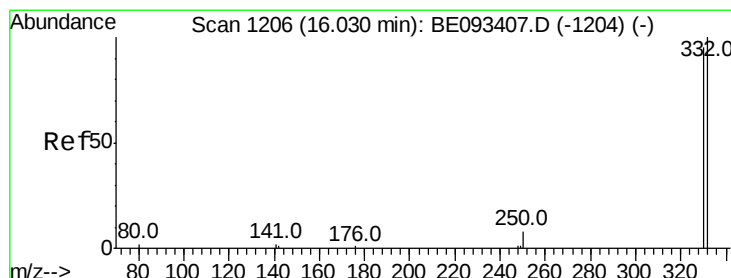
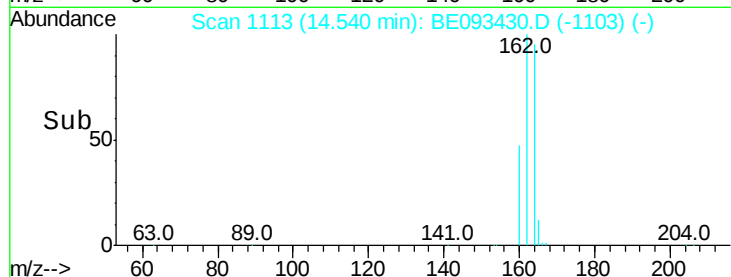
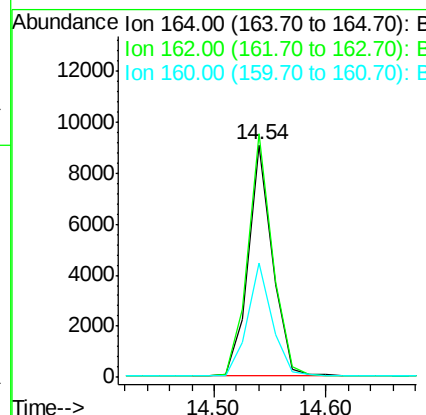
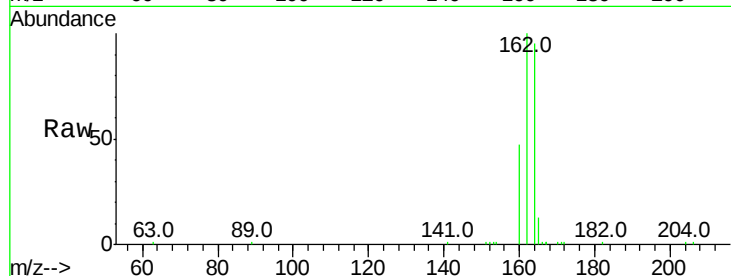




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

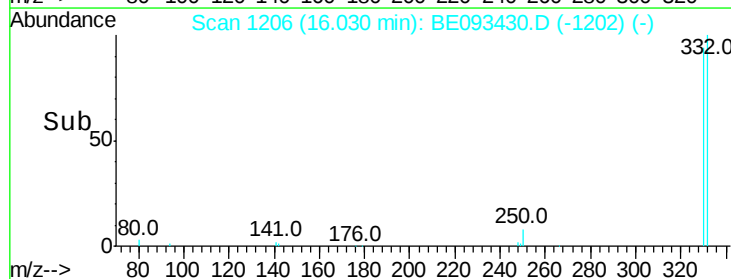
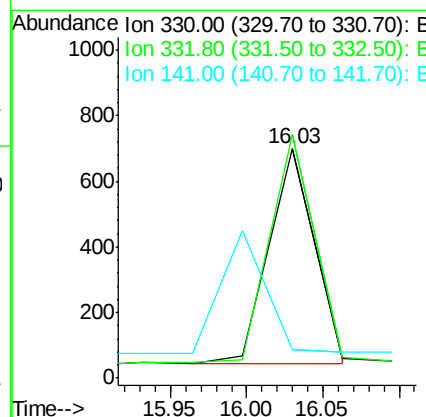
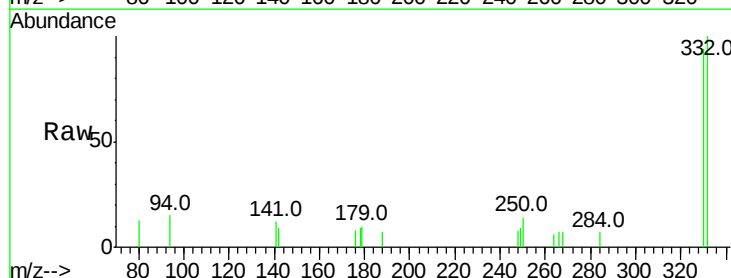
Instrument :
BNA_E
ClientSampleId :

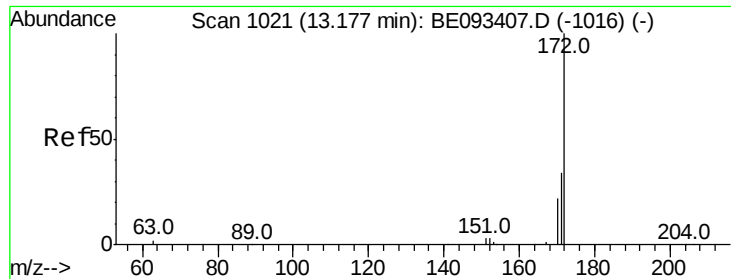
Tot Ion:164 Resp: 13636
Ion Ratio Lower Upper
164 100
162 104.8 84.6 127.0
160 49.4 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:330 Resp: 1351
Ion Ratio Lower Upper
330 100
332 104.4 77.7 116.5
141 0.0 56.2 84.4#

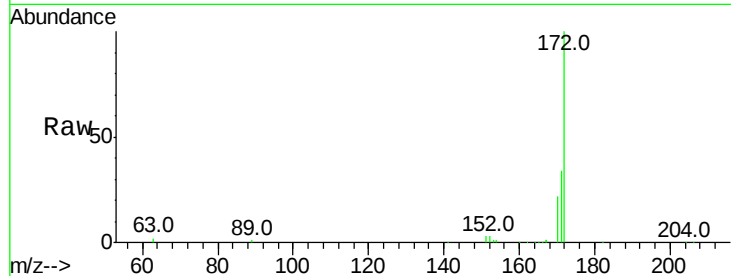




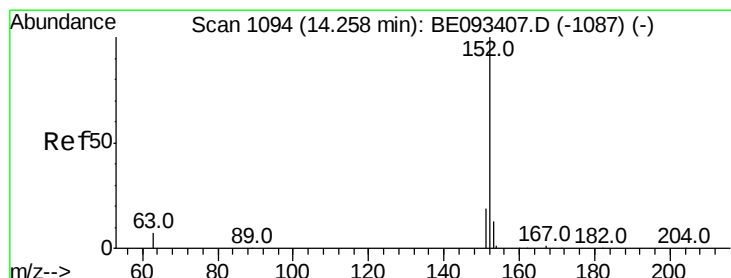
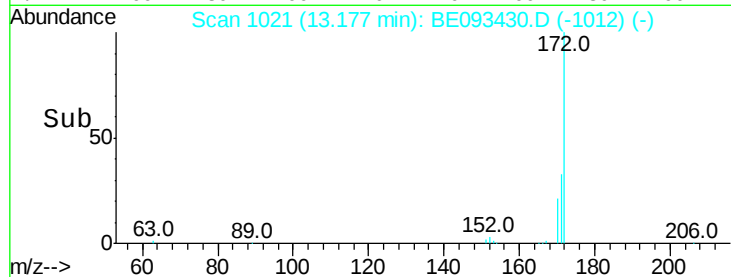
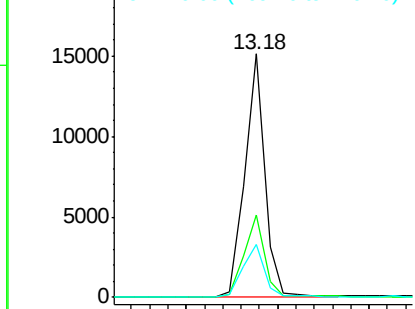
#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 22996
Ion Ratio Lower Upper
172 100
171 33.6 29.8 44.6
170 21.7 20.7 31.1

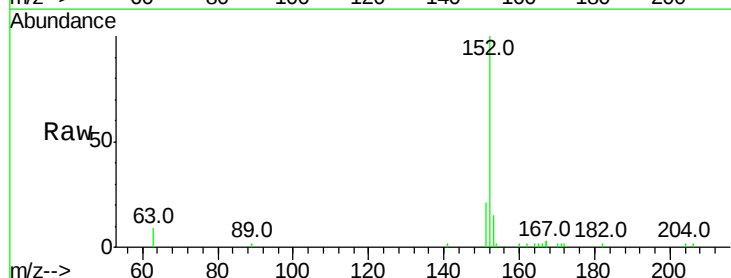


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

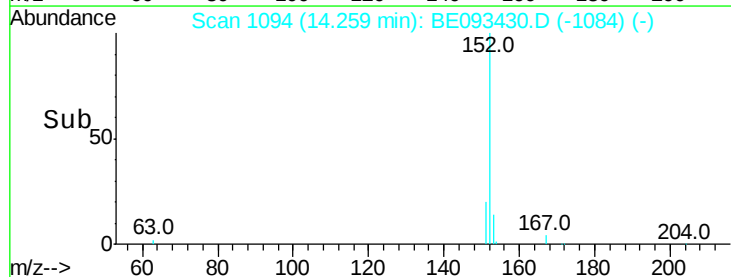
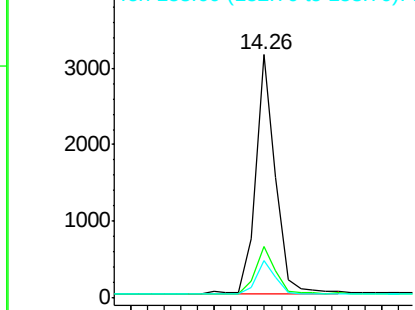


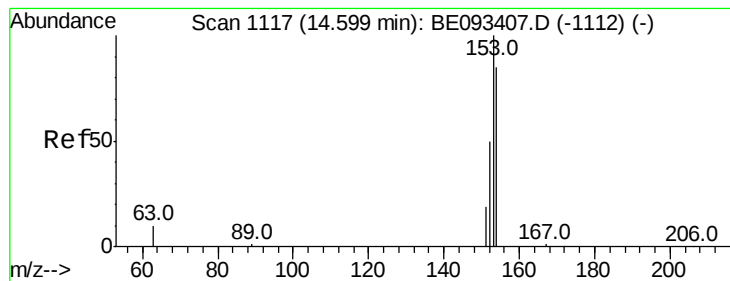
#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:152 Resp: 5122
Ion Ratio Lower Upper
152 100
151 19.9 4.0 6.0#
153 13.5 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: 0.09 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

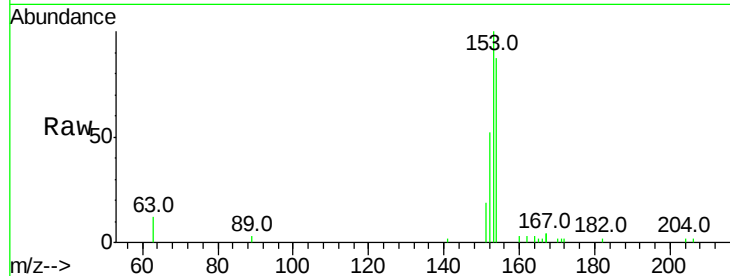
Tot Ion:154 Resp: 3889

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

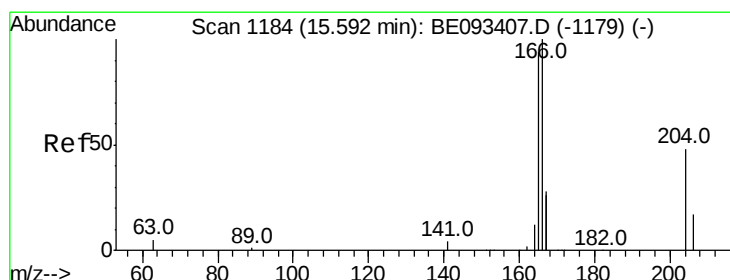
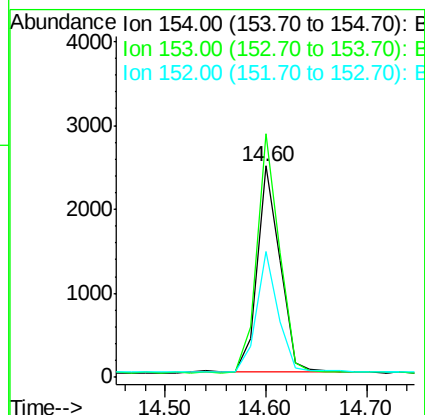
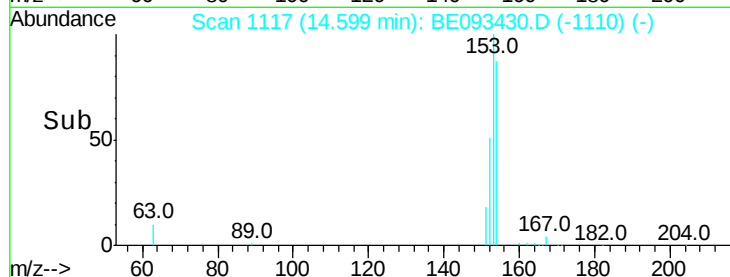
152 55.6 44.8 67.2



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: 0.09 ng

RT: 15.59 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

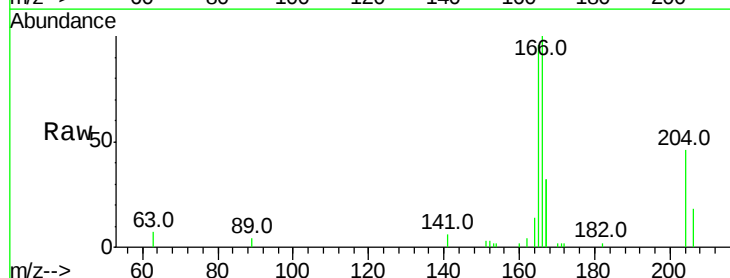
Tgt Ion:166 Resp: 4996

Ion Ratio Lower Upper

166 100

165 101.0 78.6 117.8

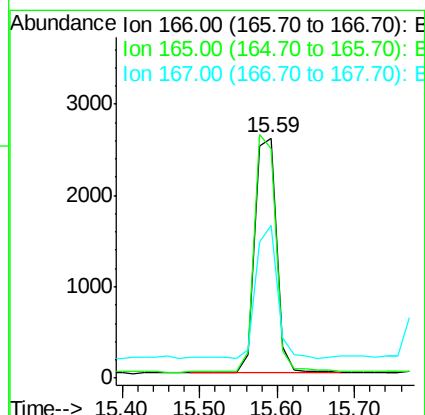
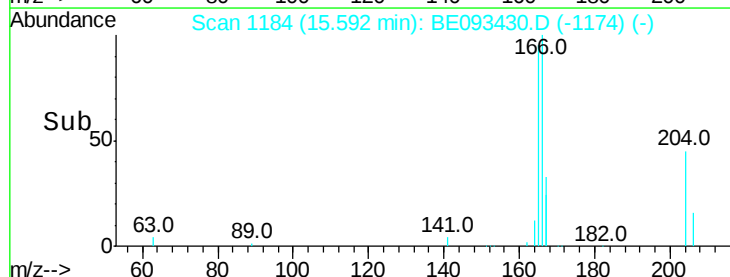
167 55.1 11.1 16.7#

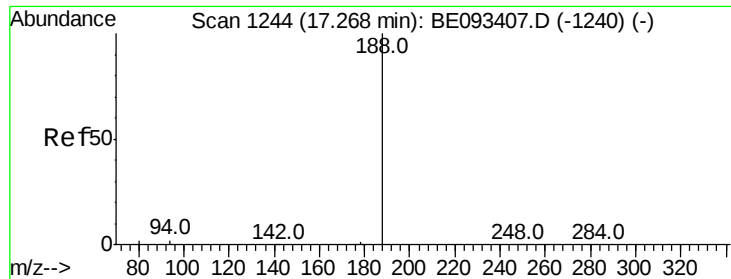


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

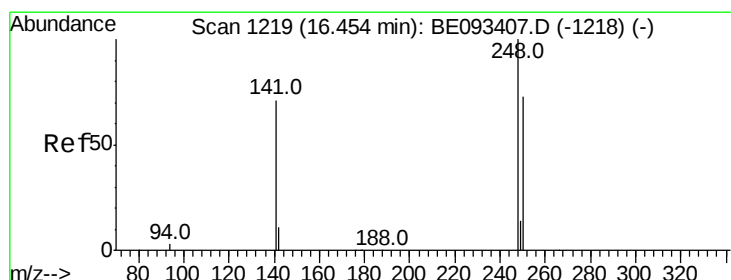
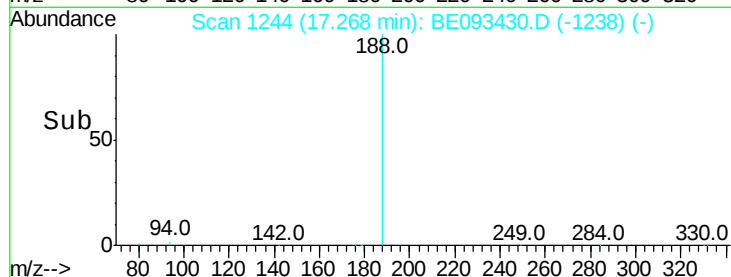
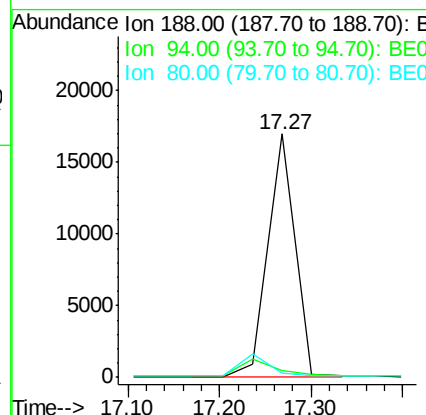
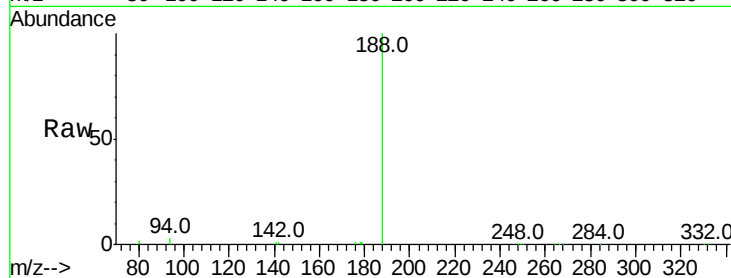




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

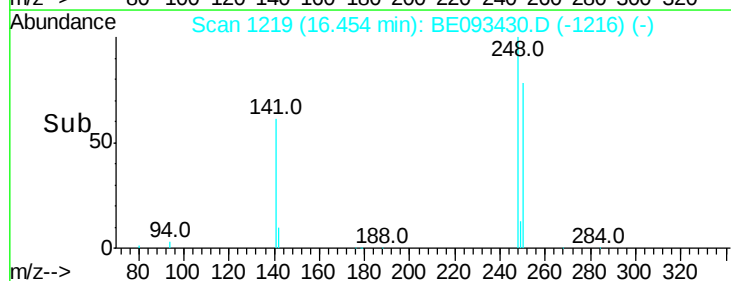
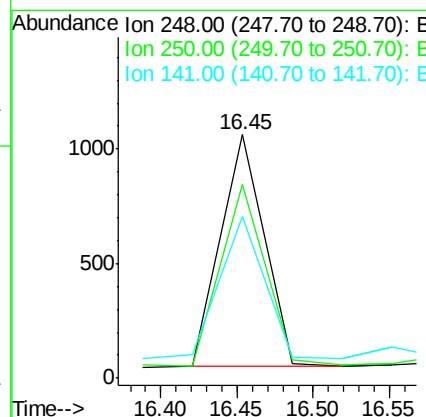
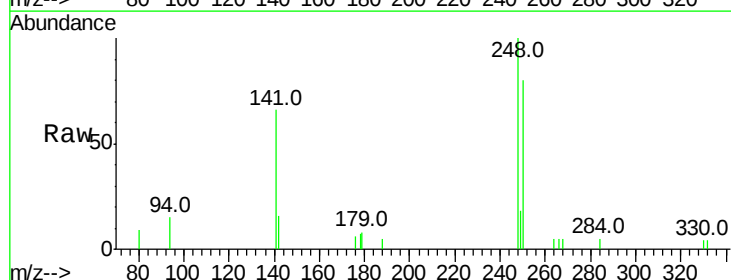
Instrument :
BNA_E
ClientSampleId :

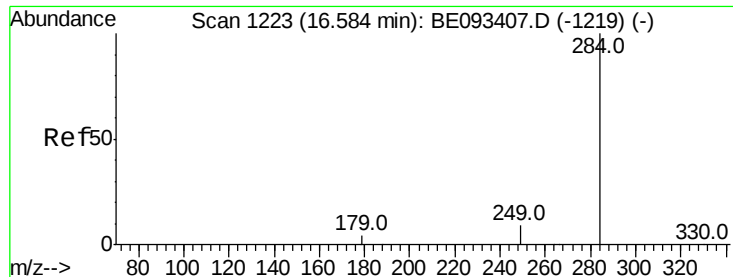
Tot Ion:188 Resp: 35122
Ion Ratio Lower Upper
188 100
94 2.6 11.3 16.9#
80 1.9 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:248 Resp: 2017
Ion Ratio Lower Upper
248 100
250 79.7 40.8 61.2#
141 66.2 161.6 242.4#

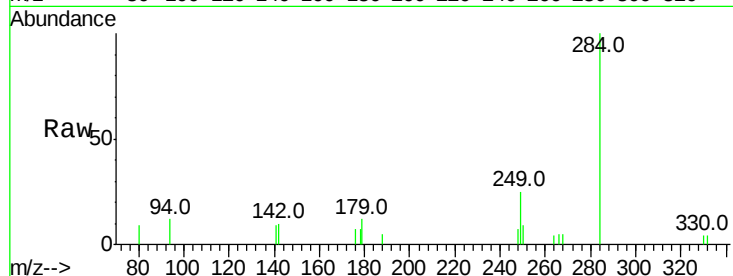




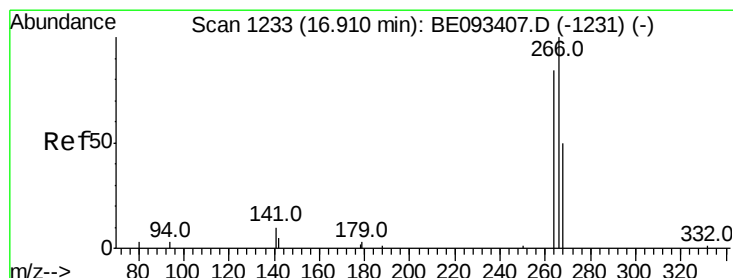
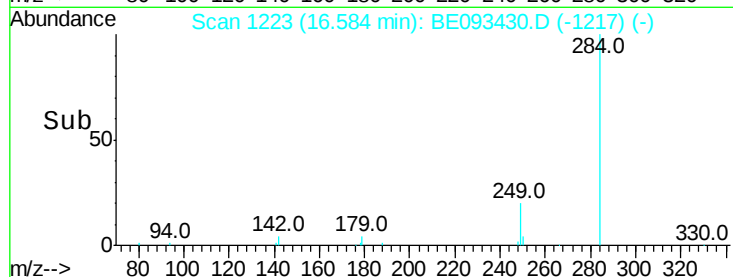
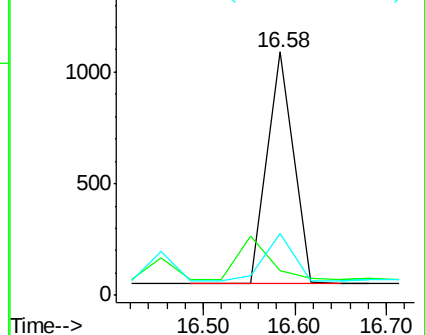
#21
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 2065
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 22.0 0.0 0.0#

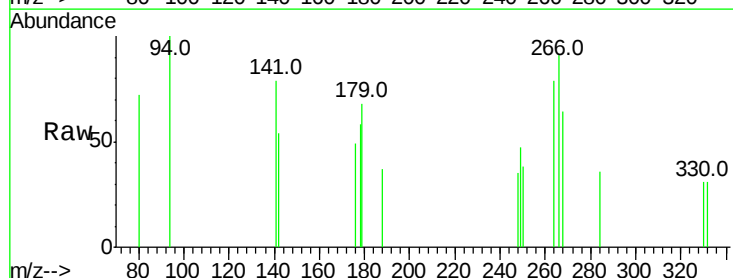


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

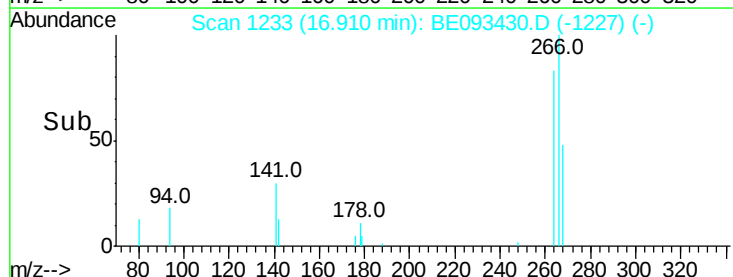
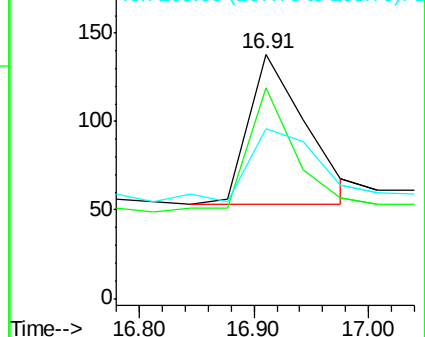


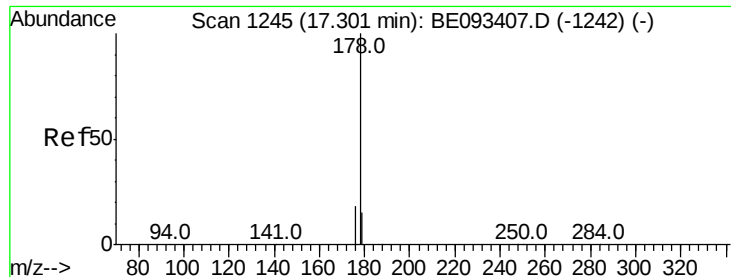
#22
Pentachlorophenol
Concen: 0.06 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:266 Resp: 295
Ion Ratio Lower Upper
266 100
264 86.2 58.2 87.2
268 69.6 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: 0.10 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

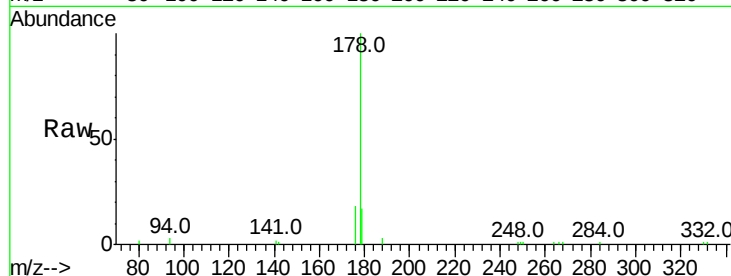
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 12139

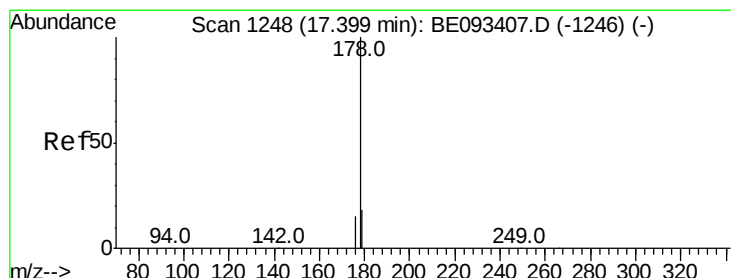
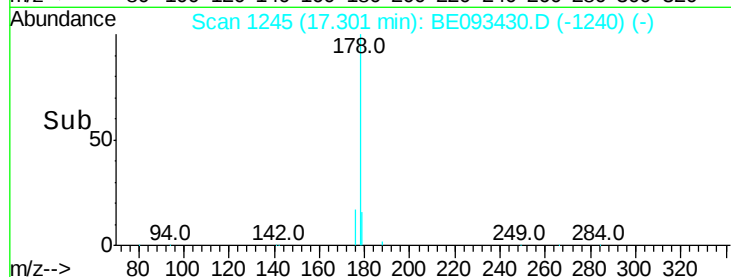
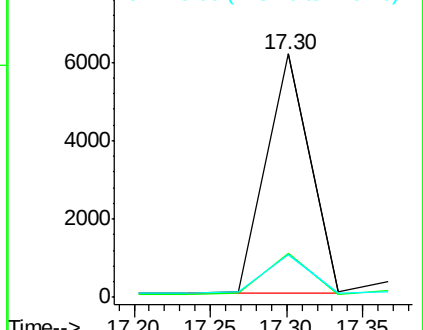
Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	16.4	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.16 ng

RT: 17.30 min Scan# 1245

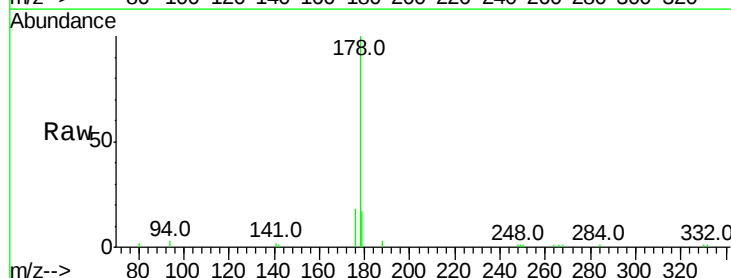
Delta R.T. -0.10 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Tgt Ion:178 Resp: 12372

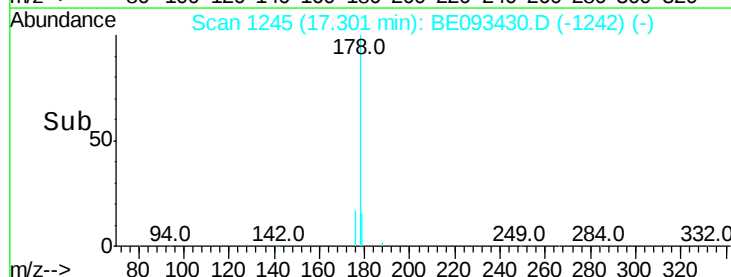
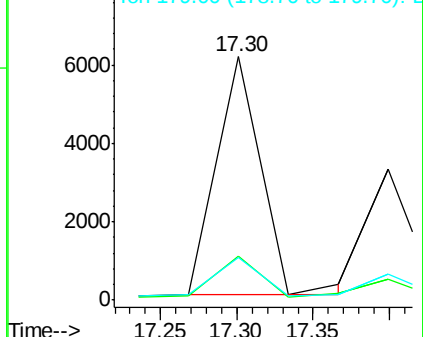
Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	14.9	12.0	18.0

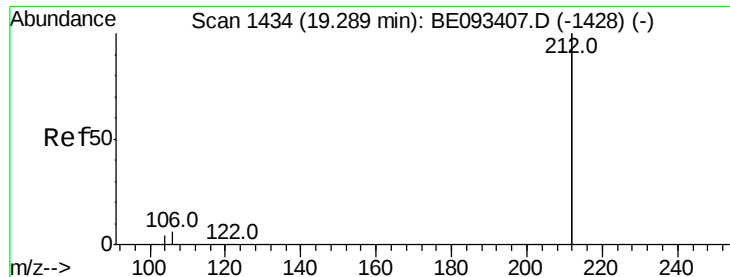


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.46 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

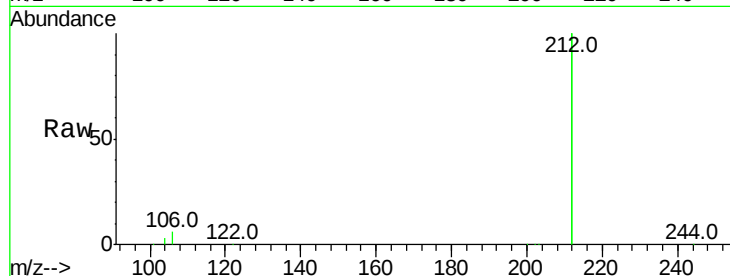
Tot Ion:212 Resp: 194424

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

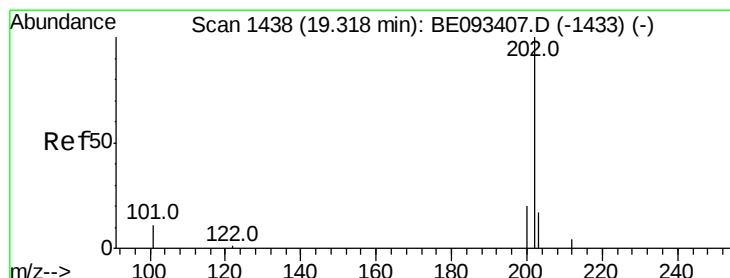
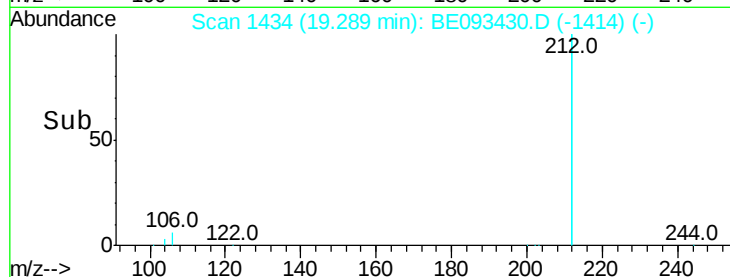
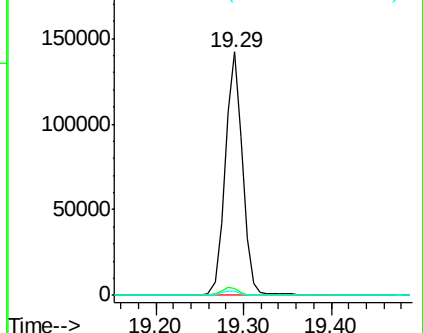
104 2.0 1.6 2.4



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: 0.09 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

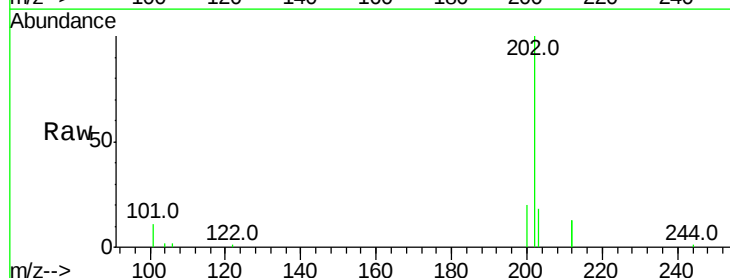
Tgt Ion:202 Resp: 10587

Ion Ratio Lower Upper

202 100

101 13.0 9.6 14.4

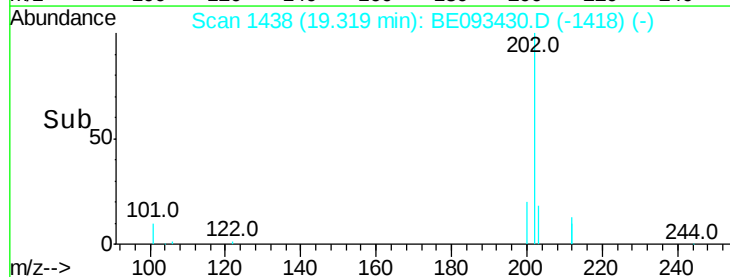
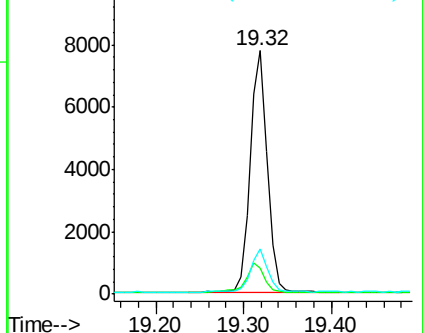
203 17.8 14.4 21.6

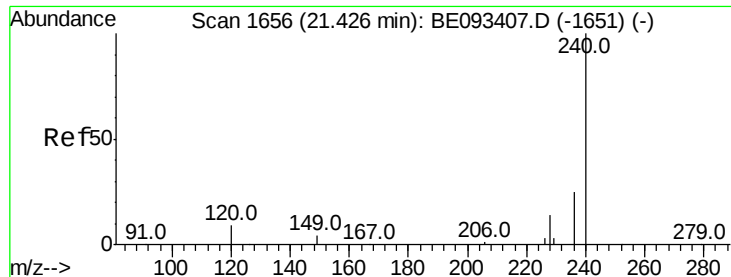


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

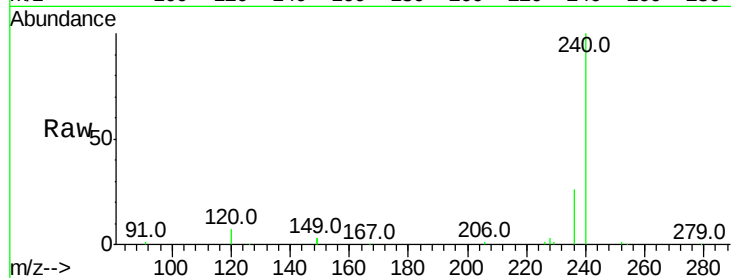
Tot Ion:240 Resp: 37416

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

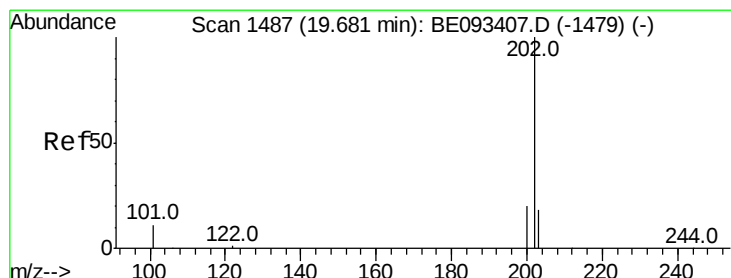
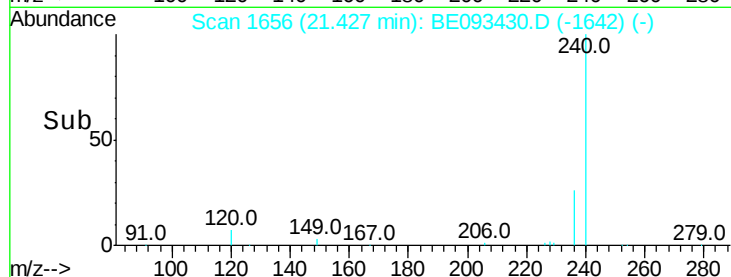
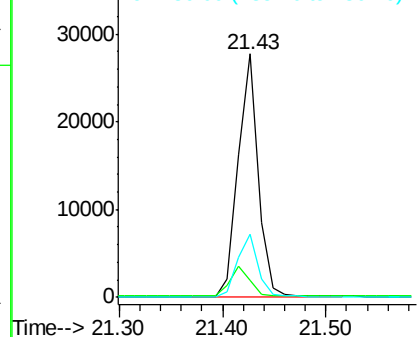
236 25.8 20.8 31.2



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: 0.10 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

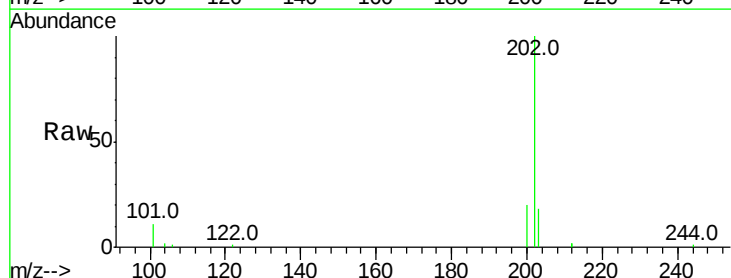
Tgt Ion:202 Resp: 10616

Ion Ratio Lower Upper

202 100

200 20.5 0.0 0.0#

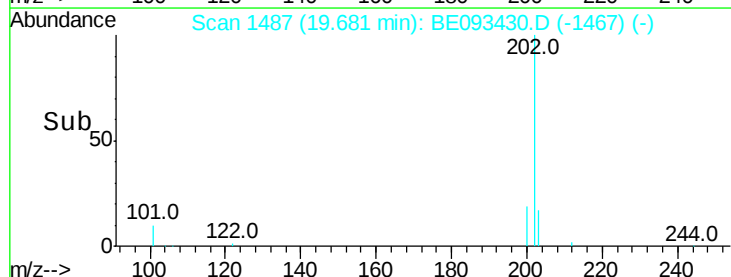
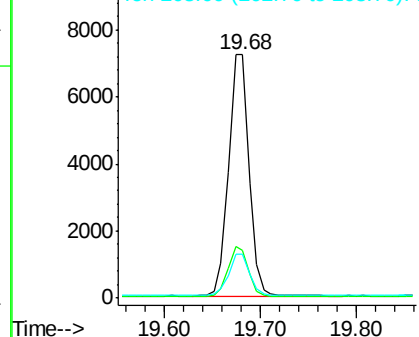
203 18.0 13.7 20.5

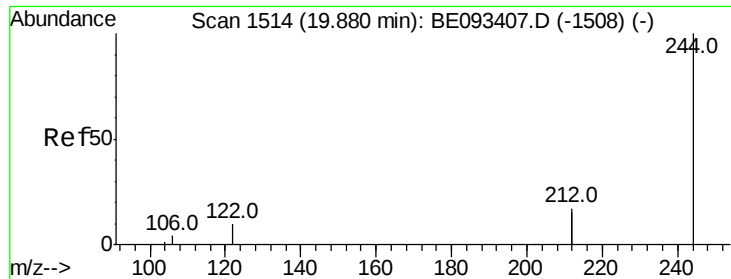


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

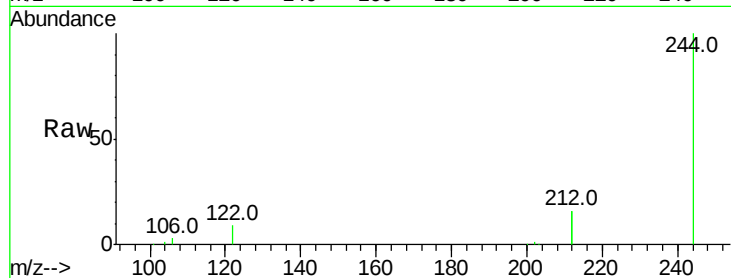
Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :



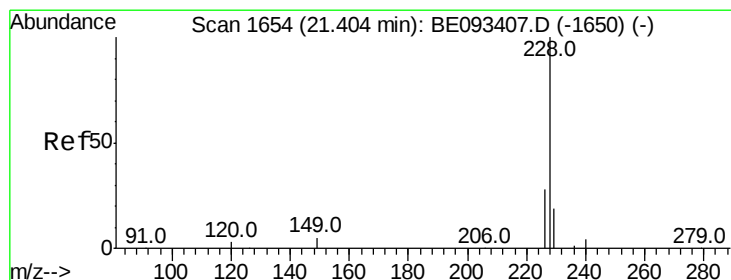
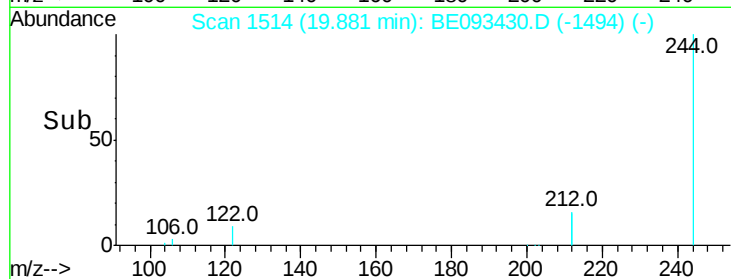
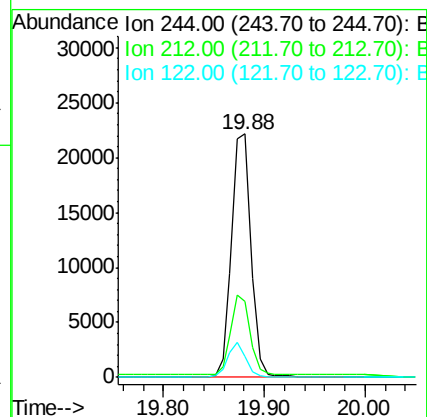
Tot Ion:244 Resp: 29415

Ion Ratio Lower Upper

244 100

212 31.2 10.6 16.0#

122 8.8 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.10 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

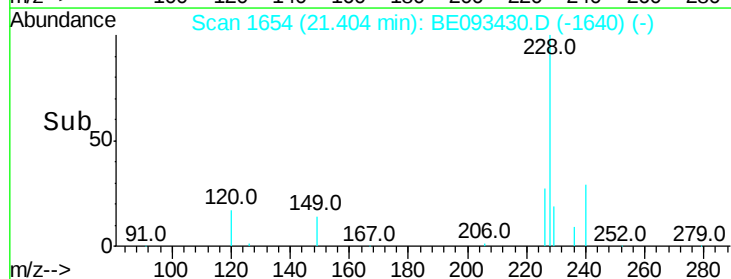
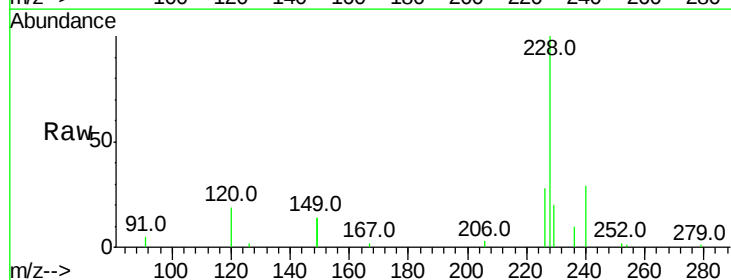
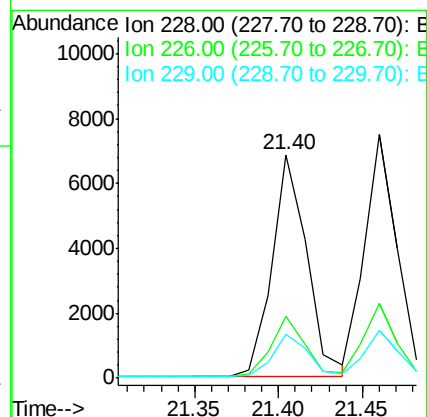
Tgt Ion:228 Resp: 9845

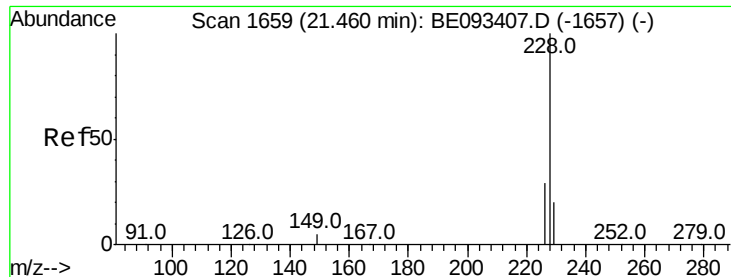
Ion Ratio Lower Upper

228 100

226 27.7 19.7 29.5

229 19.8 19.2 28.8





#31

Chrysene

Concen: 0.10 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

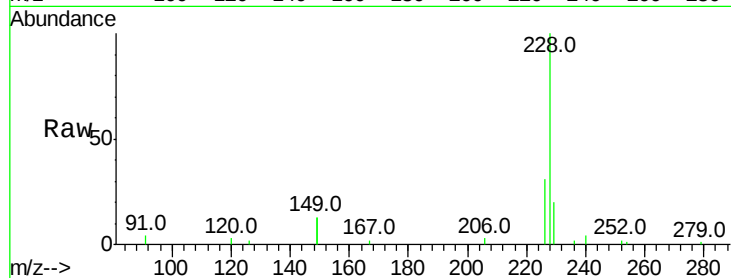
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10063

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.5	32.3
229	19.8	18.6	28.0

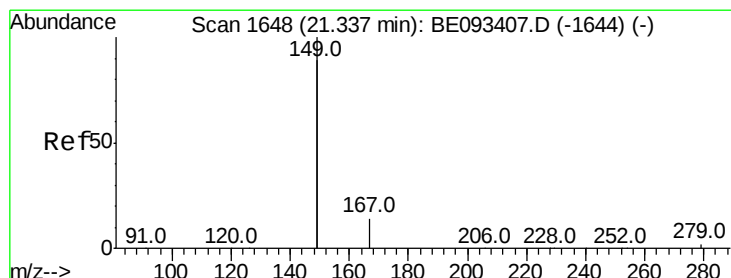
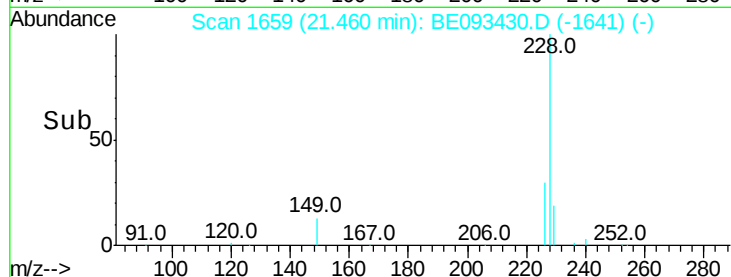
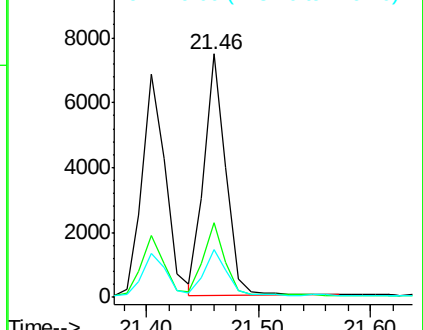


Abundance

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: 0.10 ng

RT: 21.33 min Scan# 1647

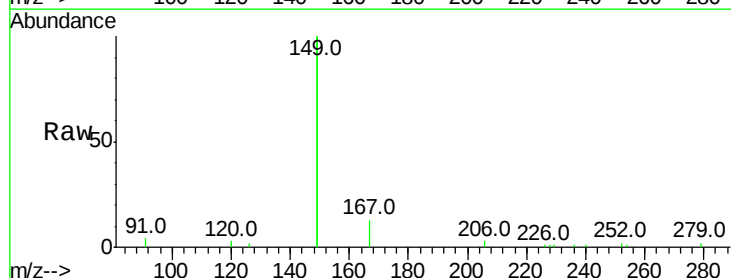
Delta R.T. -0.01 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Tgt Ion:149 Resp: 14855

Ion	Ratio	Lower	Upper
149	100		
167	6.5	20.1	30.1#
279	1.1	2.2	3.4#

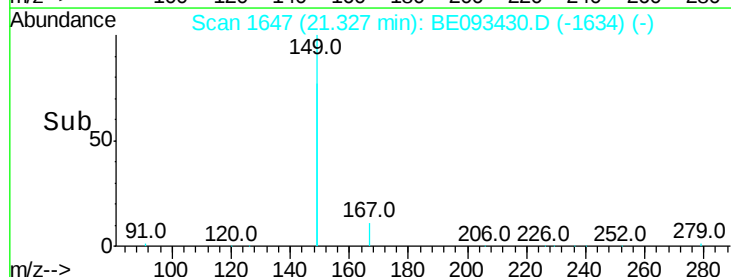
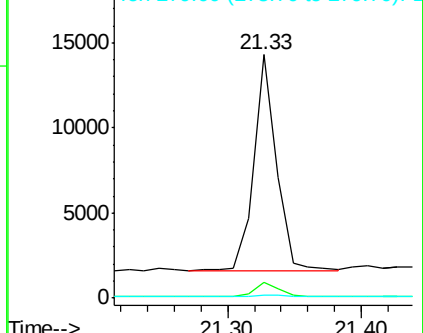


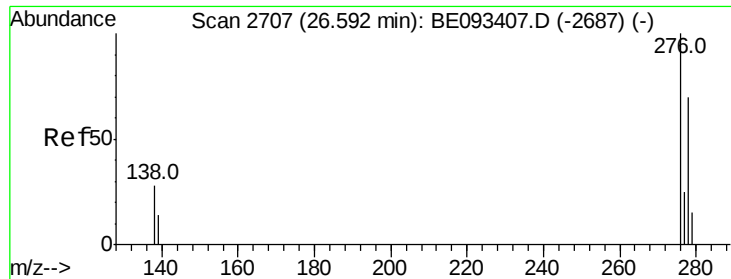
Abundance

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

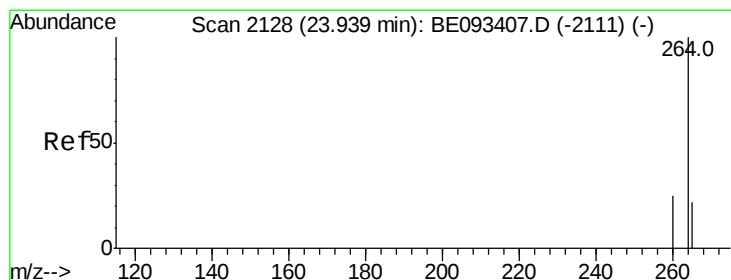
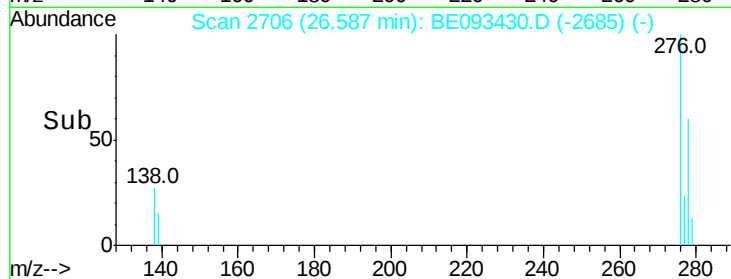
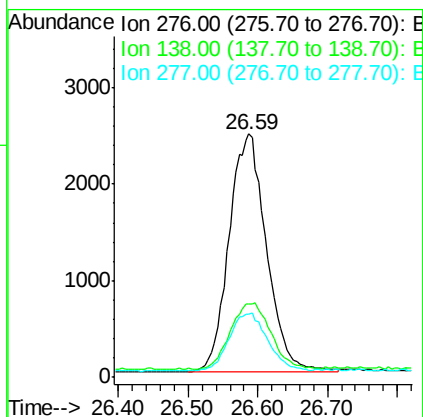
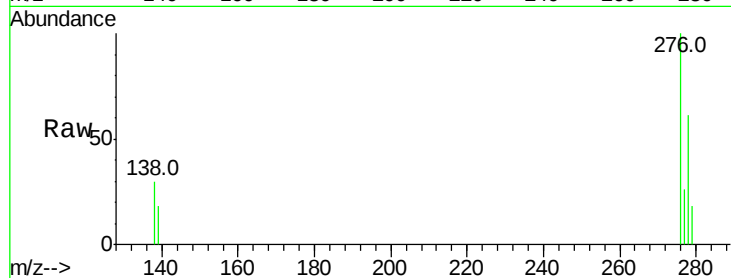




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

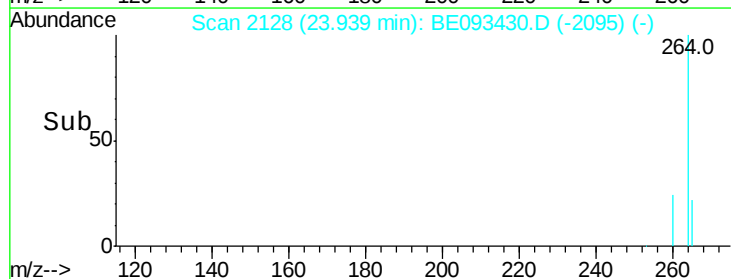
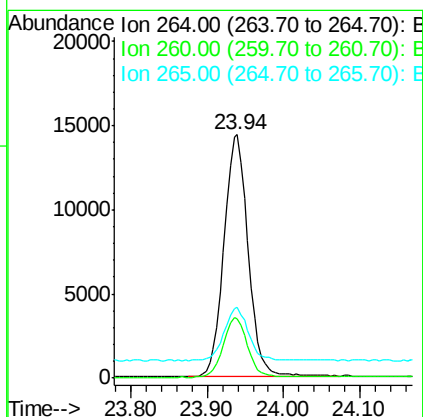
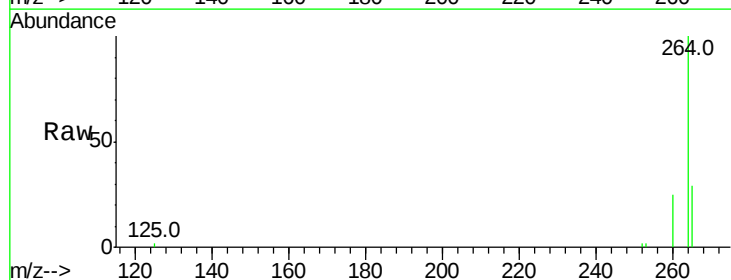
Instrument :
BNA_E
ClientSampleId :

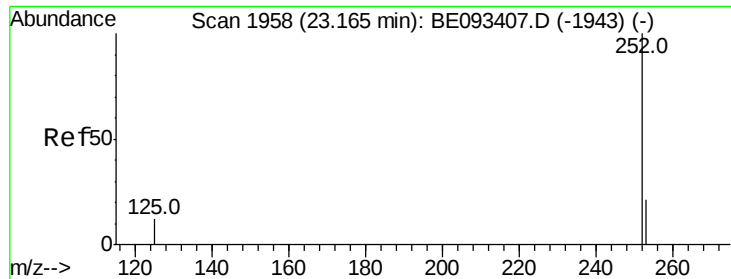
Tot Ion:276 Resp: 9189
Ion Ratio Lower Upper
276 100
138 29.9 27.4 41.2
277 24.7 20.1 30.1



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:264 Resp: 32153
Ion Ratio Lower Upper
264 100
260 24.6 21.0 31.4
265 29.0 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.09 ng

RT: 23.22 min Scan# 1969

Delta R.T. 0.05 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :

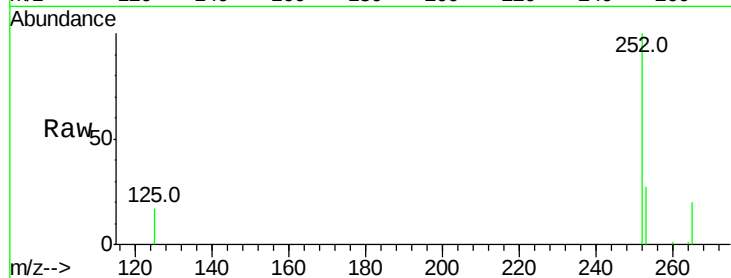
Tot Ion:252 Resp: 9186

Ion Ratio Lower Upper

252 100

253 27.3 18.5 27.7

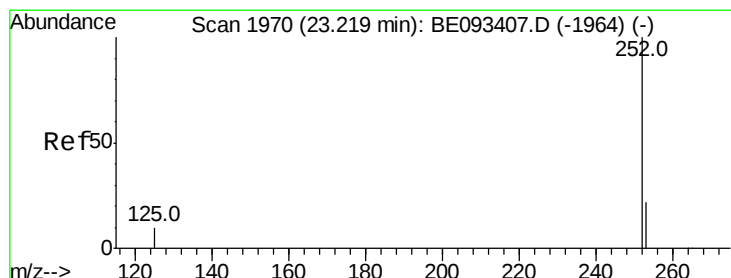
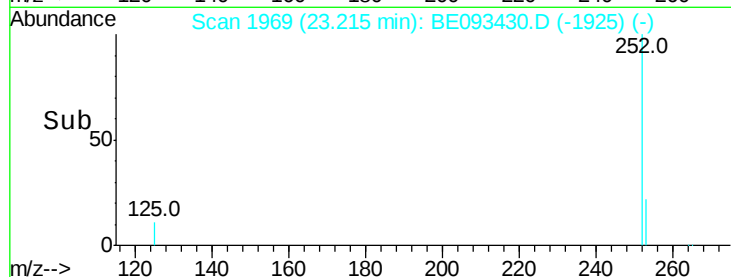
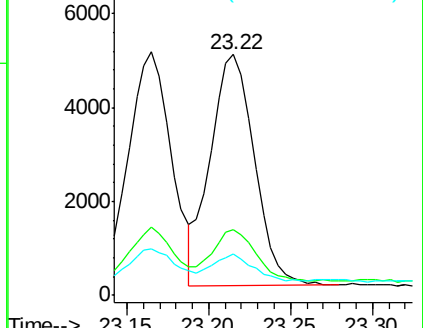
125 17.0 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 23.22 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

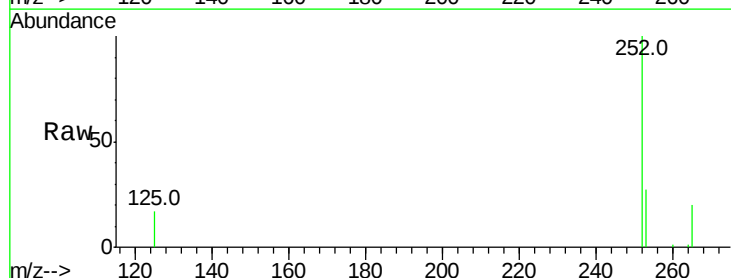
Tgt Ion:252 Resp: 9186

Ion Ratio Lower Upper

252 100

253 27.3 20.3 30.5

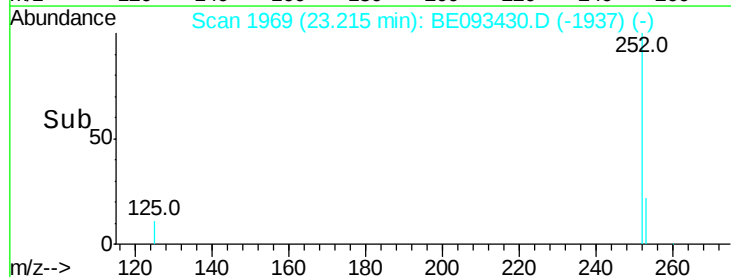
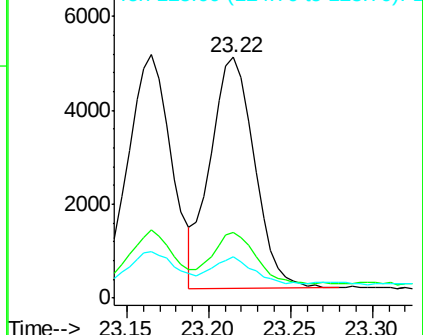
125 17.0 12.2 18.4

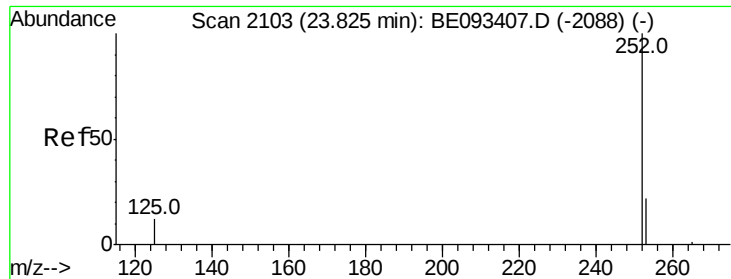


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

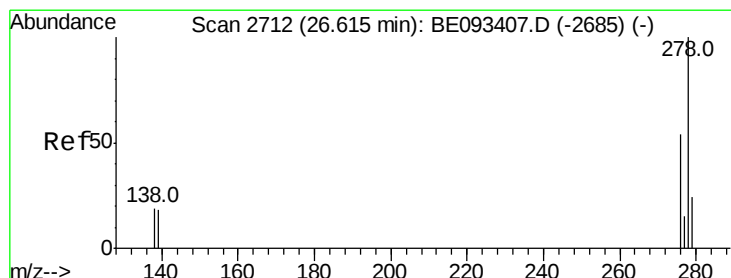
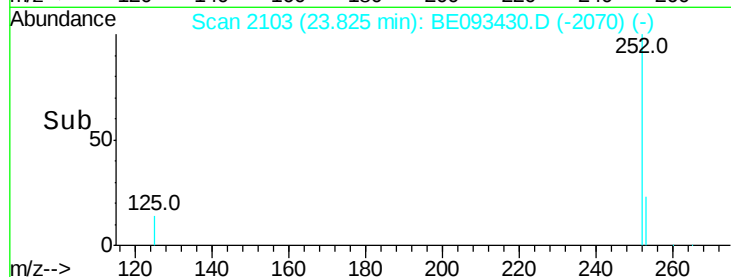
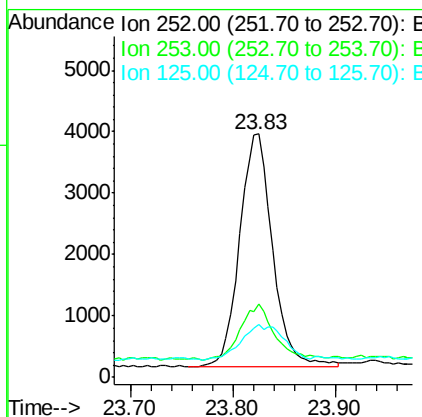
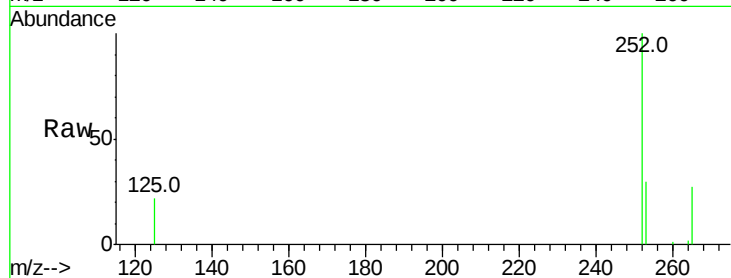




#37
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.83 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

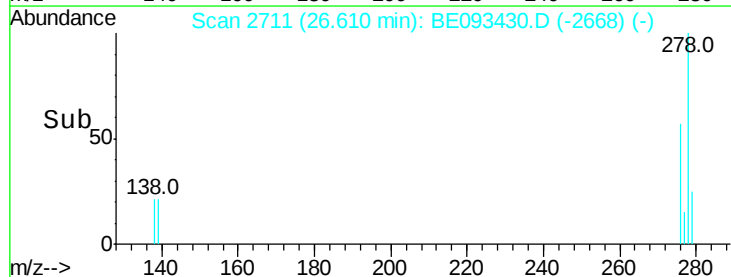
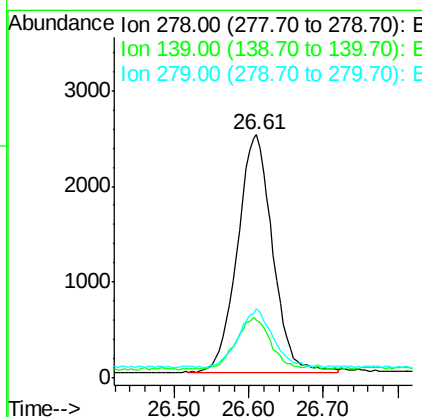
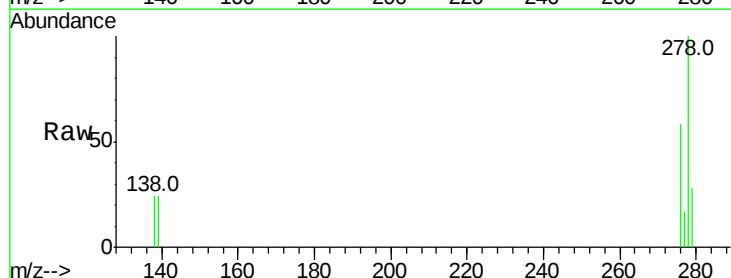
Instrument :
BNA_E
ClientSampleId :

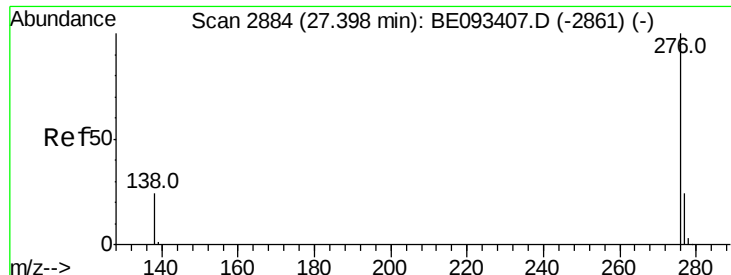
Tot Ion:252 Resp: 8502
Ion Ratio Lower Upper
252 100
253 30.0 19.9 29.9#
125 21.6 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 26.61 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE093430.D
Acq: 6 Jul 2017 14:58

Tgt Ion:278 Resp: 8152
Ion Ratio Lower Upper
278 100
139 23.8 21.4 32.0
279 28.4 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.09 ng

RT: 27.39 min Scan# 2883

Delta R.T. -0.00 min

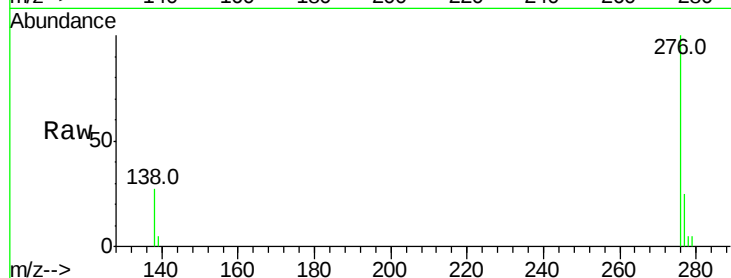
Lab File: BE093430.D

Acq: 6 Jul 2017 14:58

Instrument :

BNA_E

ClientSampleId :



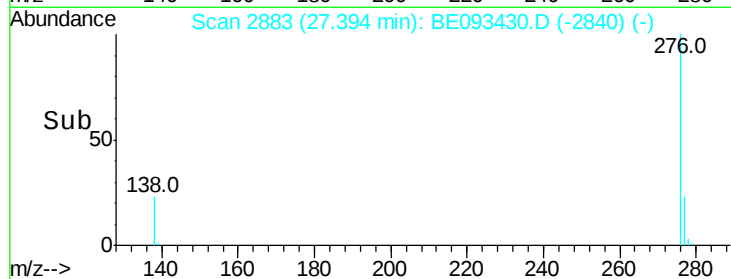
Tot Ion:276 Resp: 8396

Ion Ratio Lower Upper

276 100

277 25.0 21.2 31.8

138 26.6 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

