

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
 Data File : BE093431.D
 Acq On : 6 Jul 2017 15:33
 Operator : SJ/JU
 Sample : I3757-06
 Misc : LOO 0.2 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:50:06 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	4159	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22498	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14289	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	36909	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38049	0.40	ng	0.00
34) Perylene-d12	23.93	264	32452	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	5275	0.42	ng	0.00
5) Phenol-d6	7.10	99	8333	0.45	ng	0.00
8) Nitrobenzene-d5	9.08	82	6814	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	17252	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1559	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	25983	0.47	ng	0.00
25) Fluoranthene-d10	19.29	212	189539	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	32669	0.48	ng	0.00

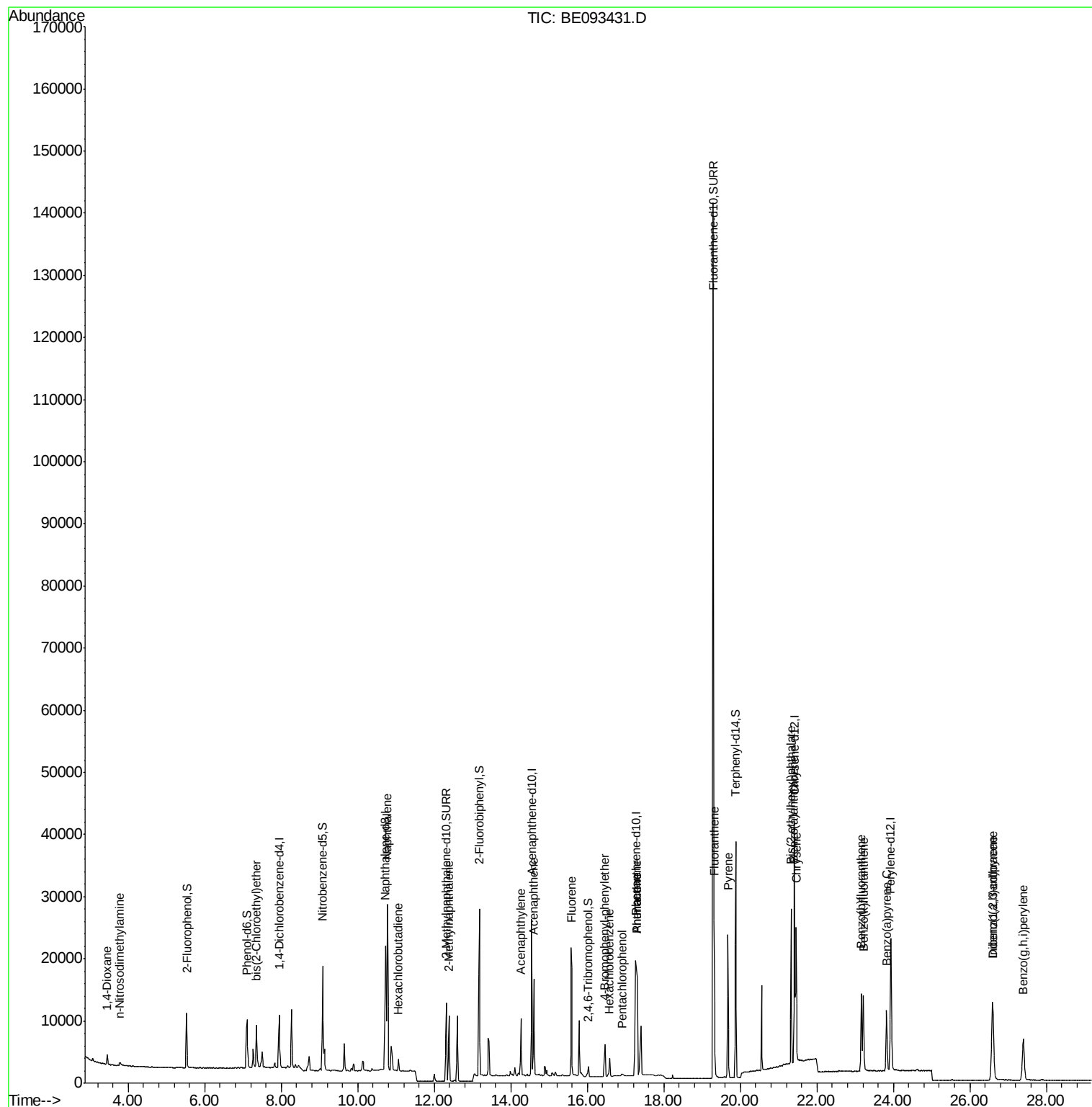
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	1439	0.16	ng	96
3) n-Nitrosodimethylamine	3.76	42	759	0.24	ng	# 91
6) bis(2-Chloroethyl)ether	7.35	93	2442	0.18	ng	# 95
9) Naphthalene	10.77	128	41971	0.18	ng	# 73
10) Hexachlorobutadiene	11.06	225	1575	0.18	ng	99
12) 2-Methylnaphthalene	12.38	142	7343	0.19	ng	98
16) Acenaphthylene	14.26	152	10373	0.17	ng	# 87
17) Acenaphthene	14.60	154	7852	0.18	ng	100
18) Fluorene	15.59	166	9933	0.17	ng	# 85
20) 4-Bromophenyl-phenylether	16.45	248	3937	0.19	ng	# 19
21) Hexachlorobenzene	16.58	284	4217	0.19	ng	# 100
22) Pentachlorophenol	16.91	266	473	0.13	ng	# 77
23) Phenanthrene	17.30	178	23106	0.17	ng	99
24) Anthracene	17.30	178	23562	0.29	ng	99
26) Fluoranthene	19.32	202	20120	0.16	ng	99
28) Pyrene	19.67	202	20501	0.19	ng	# 100
30) Benzo(a)anthracene	21.40	228	17782	0.17	ng	93
31) Chrysene	21.46	228	19436	0.18	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	26063	0.18	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	17537	0.19	ng	95
35) Benzo(b)fluoranthene	23.16	252	17946	0.17	ng	95
36) Benzo(k)fluoranthene	23.21	252	17963	0.17	ng	98
37) Benzo(a)pyrene	23.82	252	16068	0.18	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	15405	0.17	ng	# 92
39) Benzo(g,h,i)perylene	27.40	276	15874	0.18	ng	92

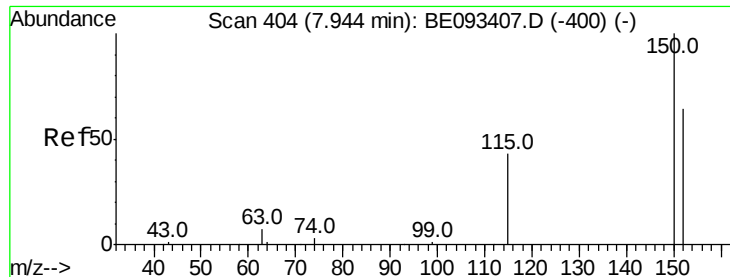
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampled :

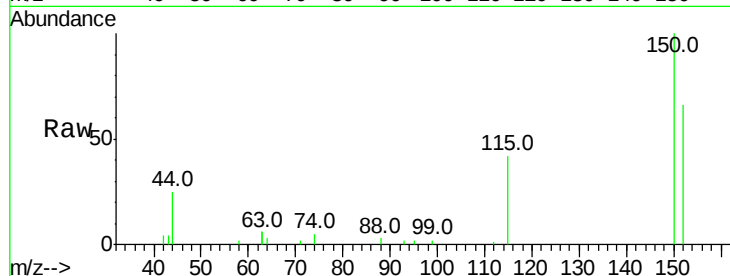
Tot Ion:152 Resp: 4159

Ion Ratio Lower Upper

152 100

150 150.5 125.1 187.7

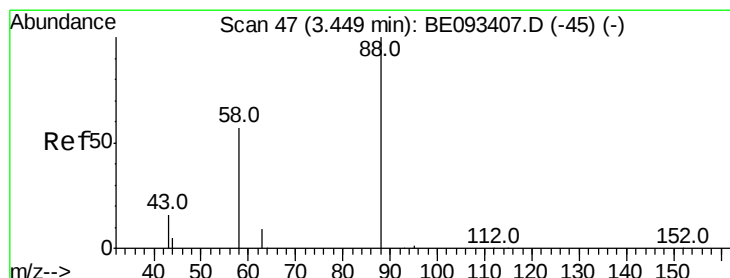
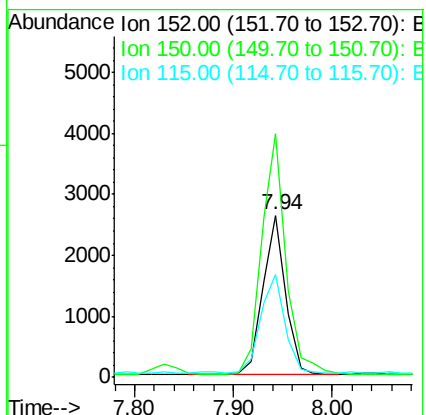
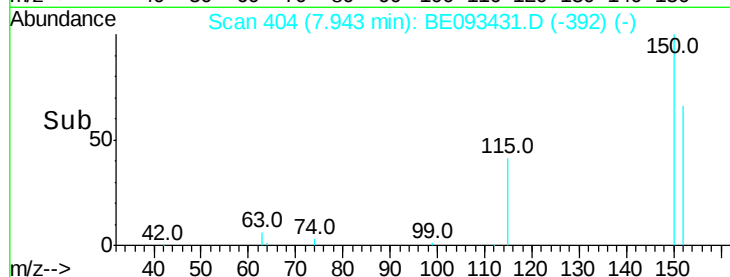
115 63.8 55.7 83.5



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: 0.16 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

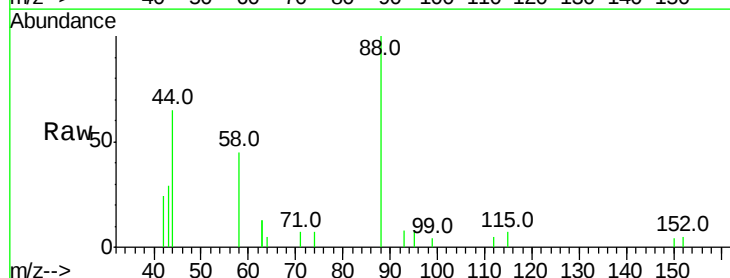
Tgt Ion: 88 Resp: 1439

Ion Ratio Lower Upper

88 100

58 75.6 62.2 93.4

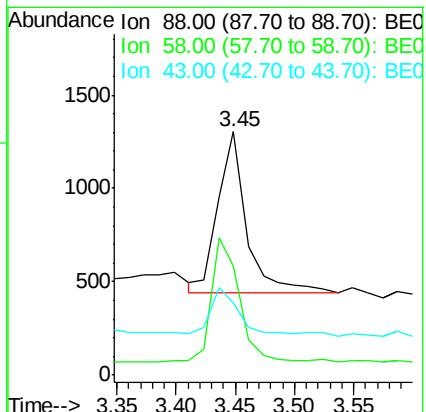
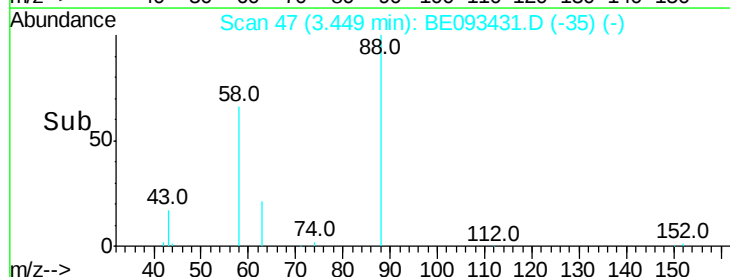
43 33.6 23.2 34.8



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



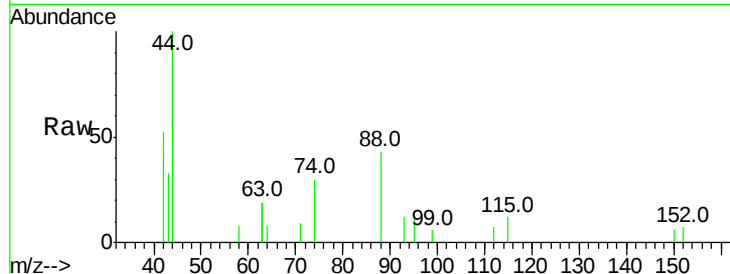


#3

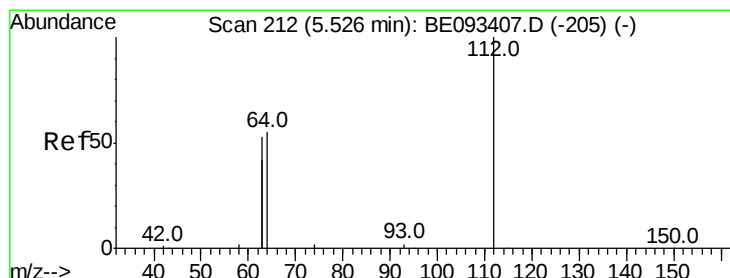
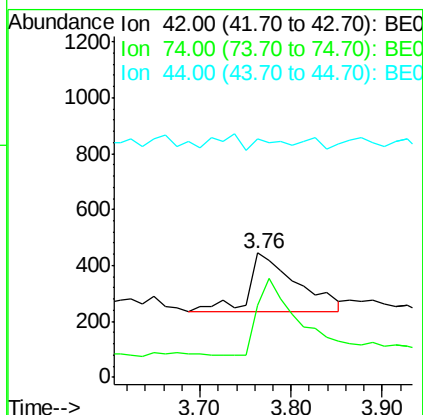
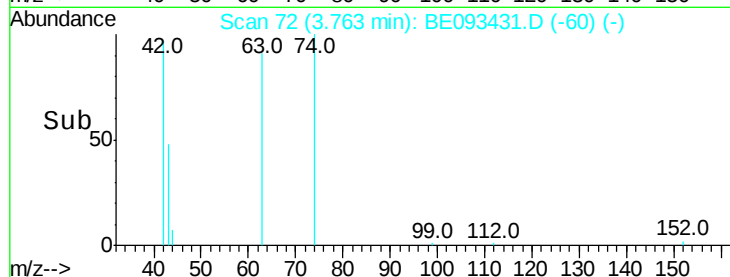
n-Nitrosodimethylamine
 Concen: 0.24 ng
 RT: 3.76 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093431.D
 Acq: 6 Jul 2017 15:33

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	114.9	99.1	148.7
44	0.0	7.4	11.2#



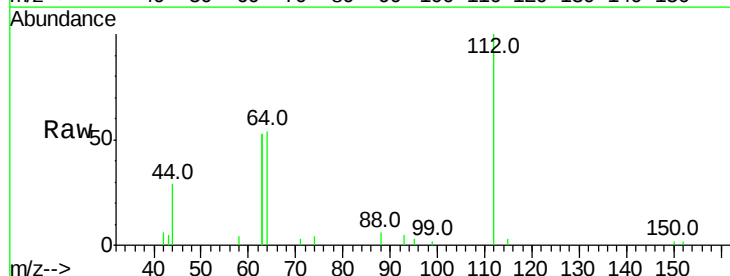
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



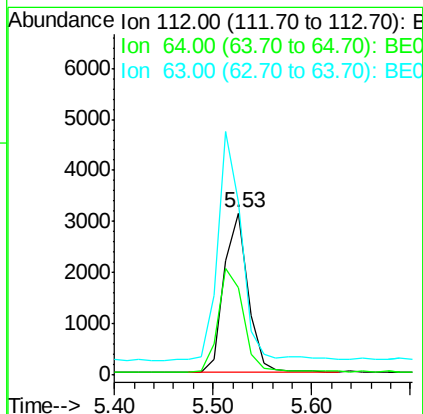
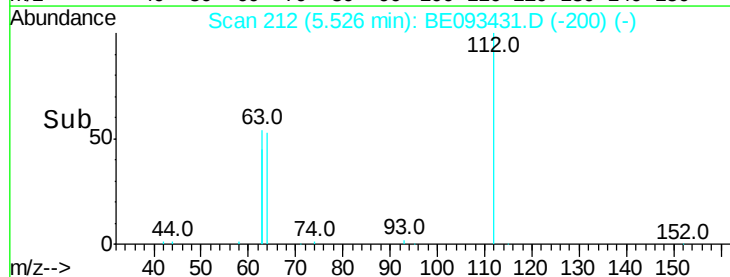
#4

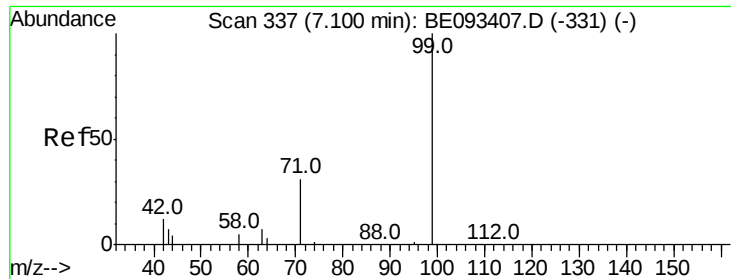
2-Fluorophenol
 Concen: 0.42 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093431.D
 Acq: 6 Jul 2017 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.4	84.6
63	140.7	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: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampled :

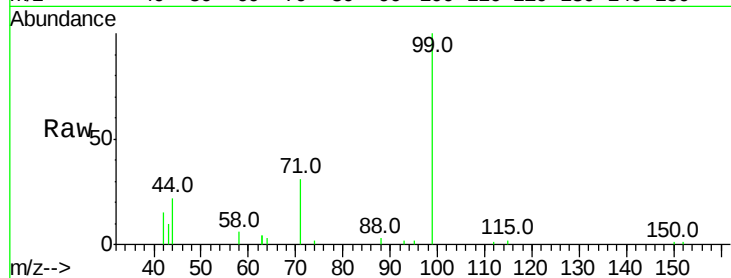
Tot Ion: 99 Resp: 8333

Ion Ratio Lower Upper

99 100

42 19.6 0.0 0.0#

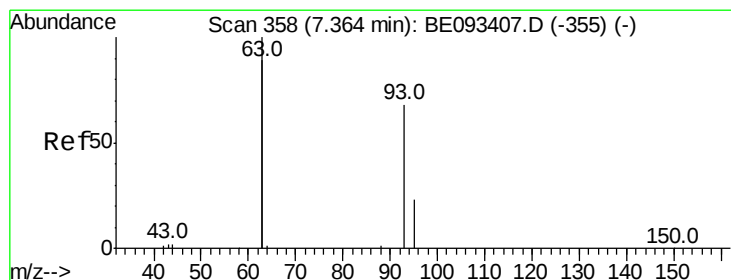
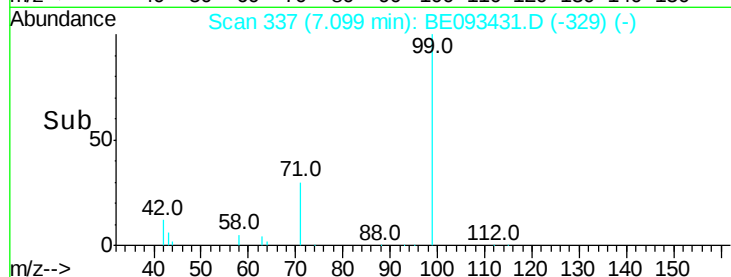
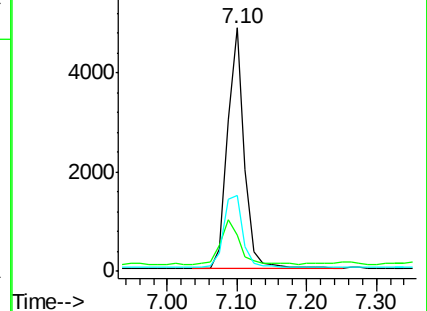
71 34.2 0.0 0.0#



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: 0.18 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

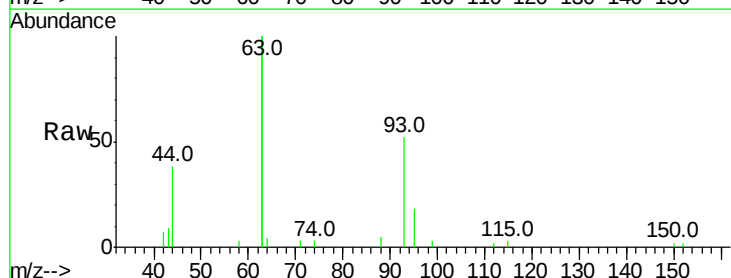
Tgt Ion: 93 Resp: 2442

Ion Ratio Lower Upper

93 100

63 349.7 0.0 0.0#

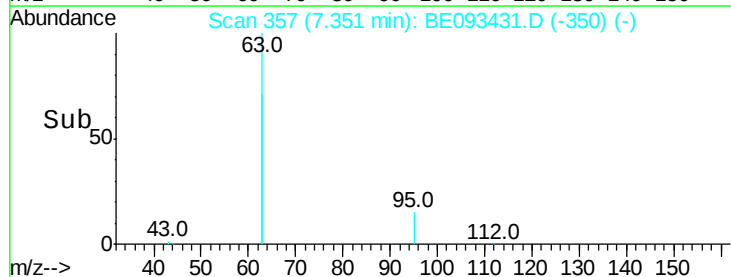
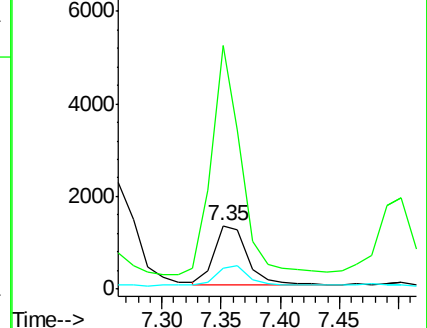
95 34.7 25.4 38.0

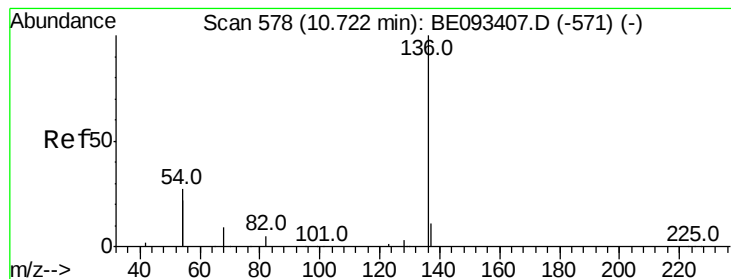


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 22498

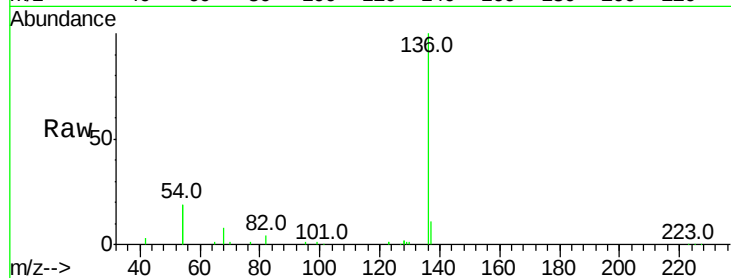
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 37.9 10.3 15.5#

68 7.8 9.0 13.4#

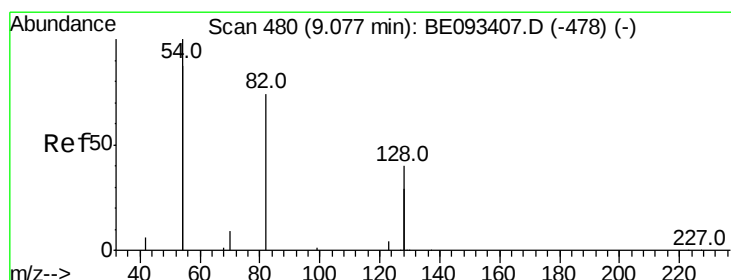
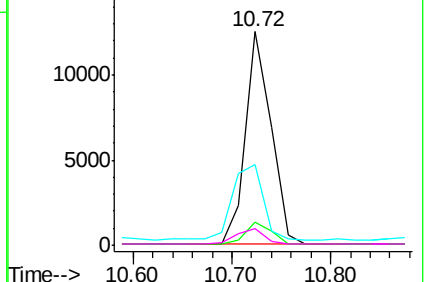
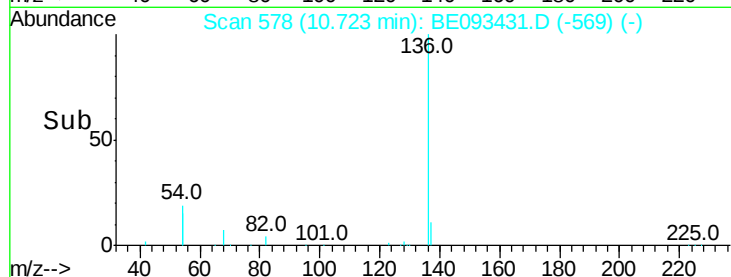


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.47 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

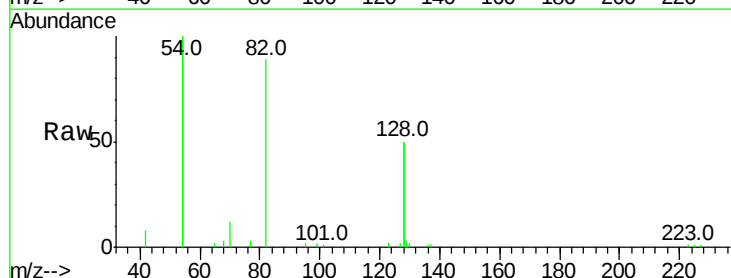
Tgt Ion: 82 Resp: 6814

Ion Ratio Lower Upper

82 100

128 111.8 17.0 25.4#

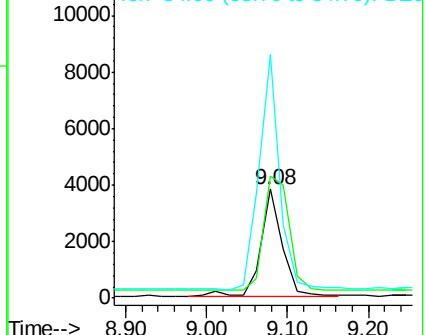
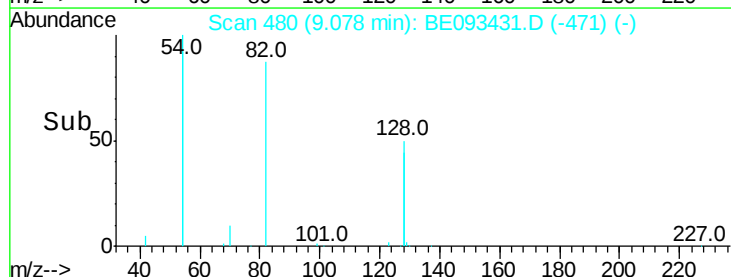
54 224.1 53.8 80.6#

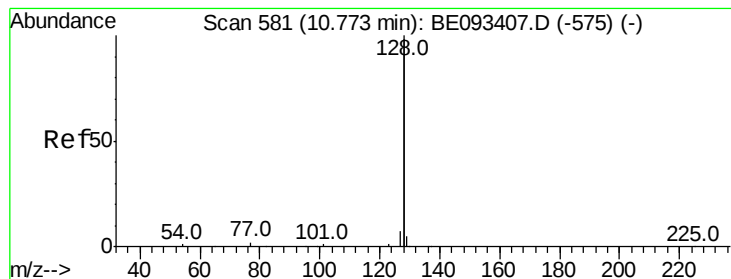


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.18 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

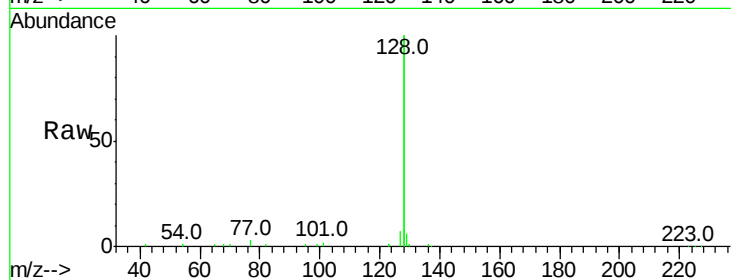
Tot Ion:128 Resp: 41971

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

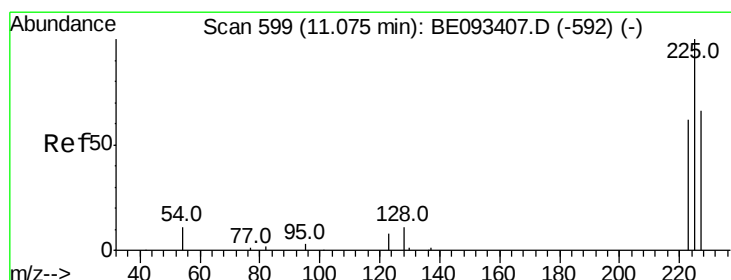
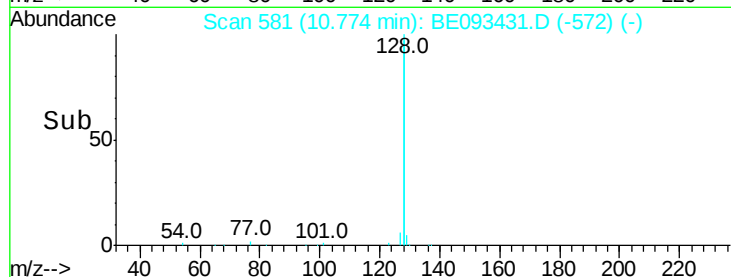
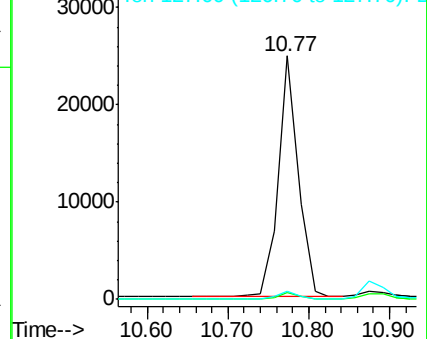
127 3.3 11.2 16.8#



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: 0.18 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

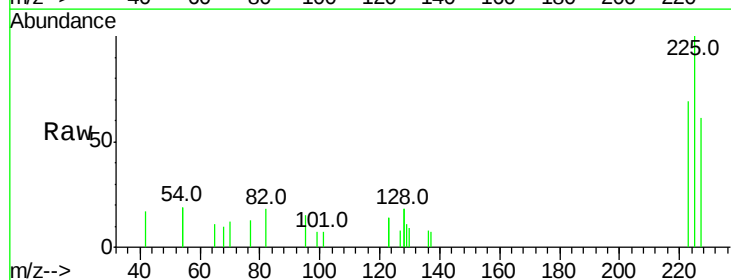
Tgt Ion:225 Resp: 1575

Ion Ratio Lower Upper

225 100

223 61.8 49.7 74.5

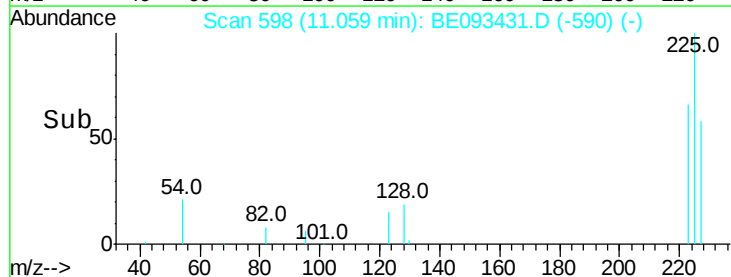
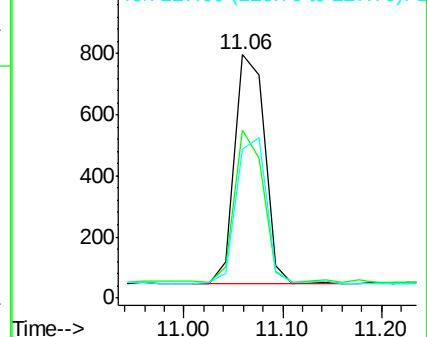
227 64.8 50.3 75.5

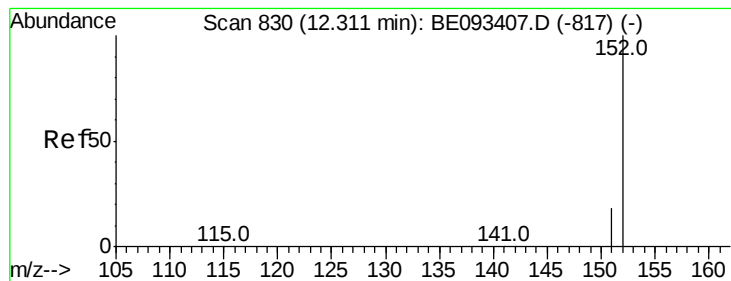


Abundance Ion 225.00 (224.70 to 225.70): E

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# 829

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

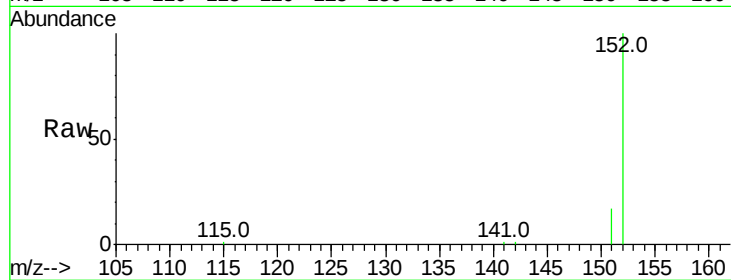
ClientSampleId :

Tot Ion:152 Resp: 17252

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

12000

10000

8000

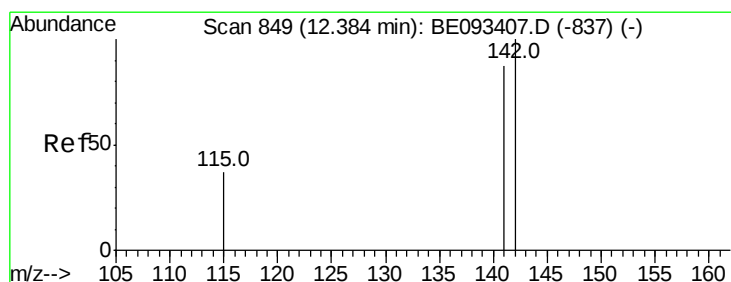
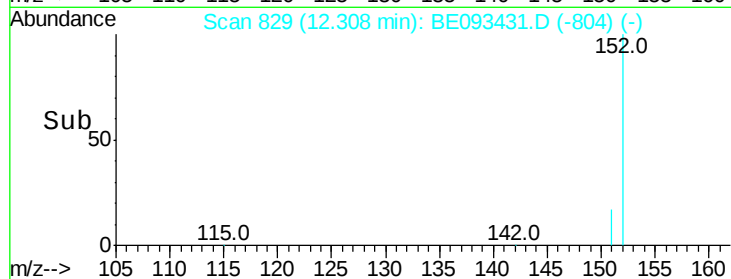
6000

4000

2000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.19 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

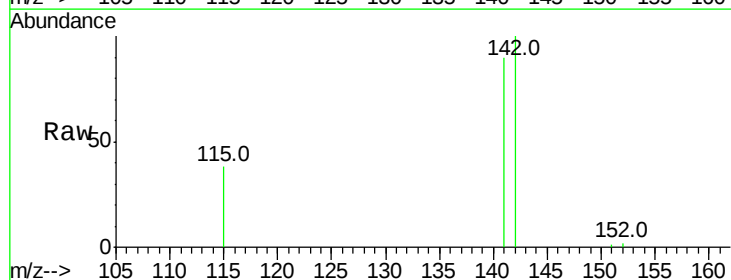
Tgt Ion:142 Resp: 7343

Ion Ratio Lower Upper

142 100

141 90.0 72.6 108.8

115 38.0 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

6000

5000

4000

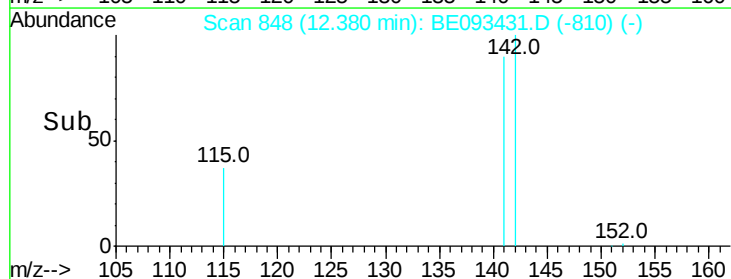
3000

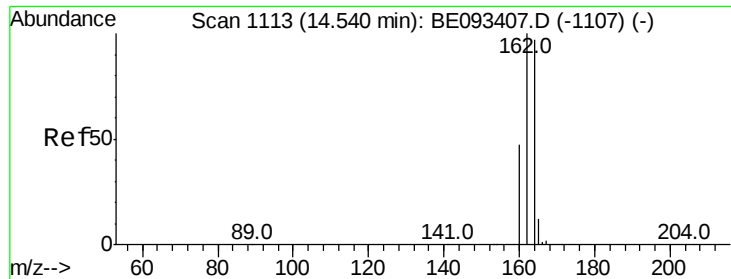
2000

1000

0

Time--> 12.30 12.35 12.40 12.45





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

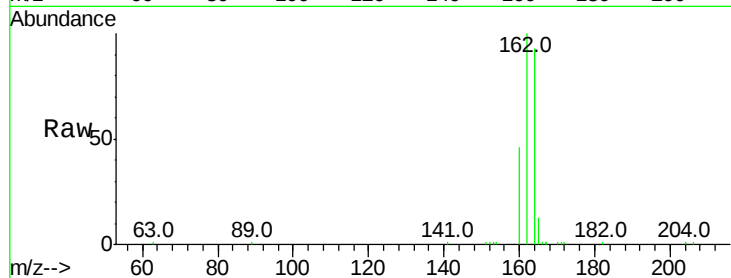
Tot Ion:164 Resp: 14289

Ion Ratio Lower Upper

164 100

162 107.3 84.6 127.0

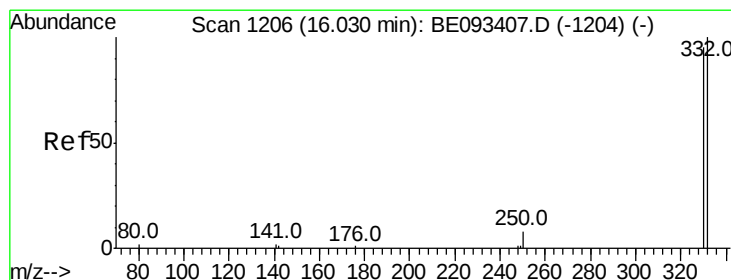
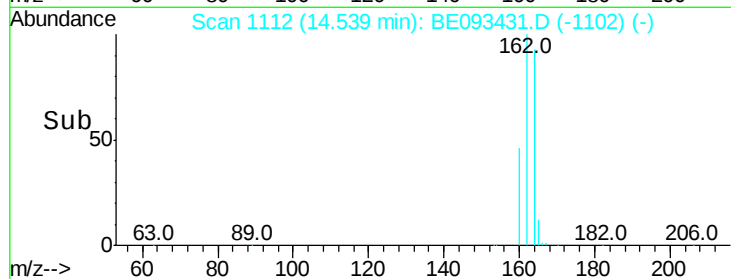
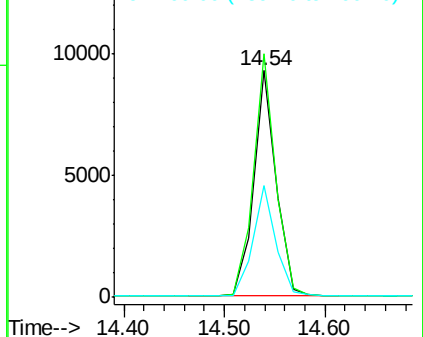
160 49.5 41.8 62.6



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: 0.35 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

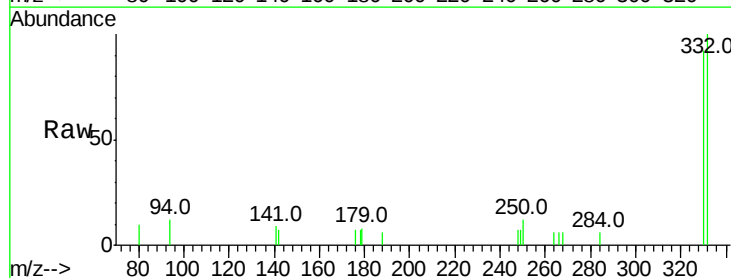
Tgt Ion:330 Resp: 1559

Ion Ratio Lower Upper

330 100

332 108.7 77.7 116.5

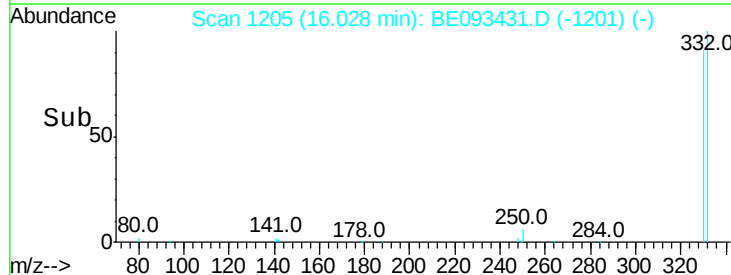
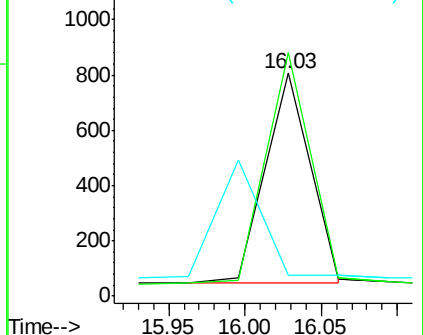
141 0.0 56.2 84.4#

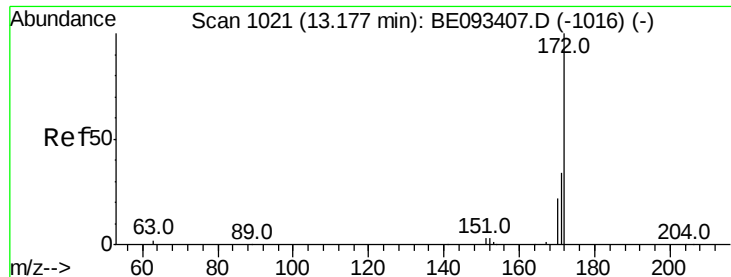


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

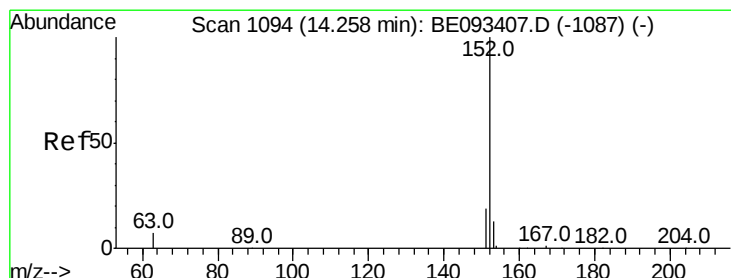
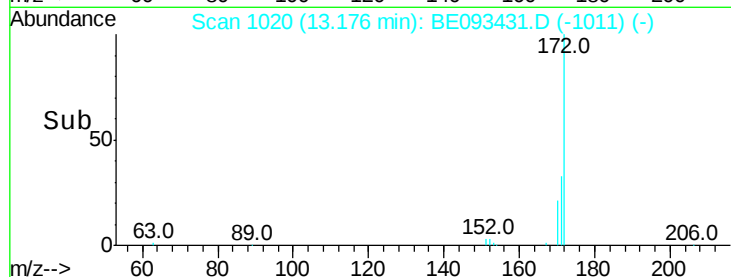
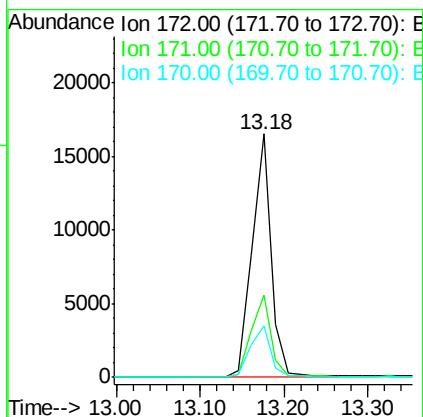
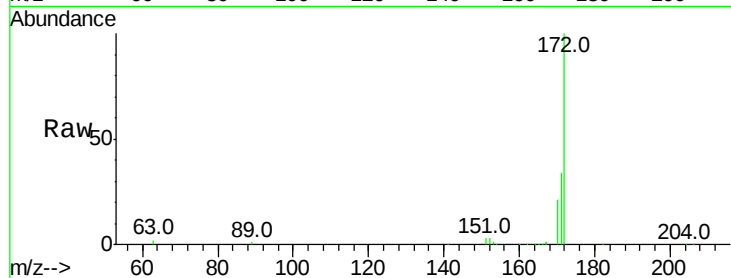




#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

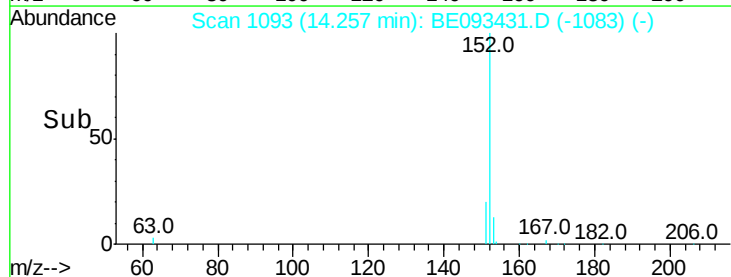
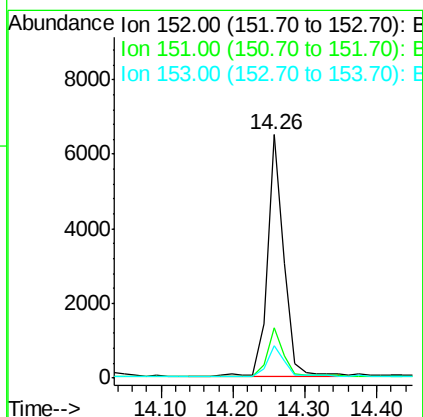
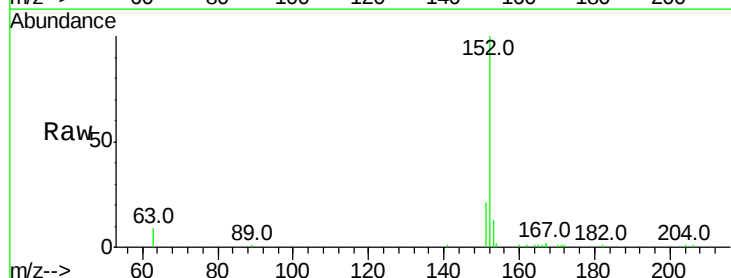
Instrument :
BNA_E
ClientSampleId :

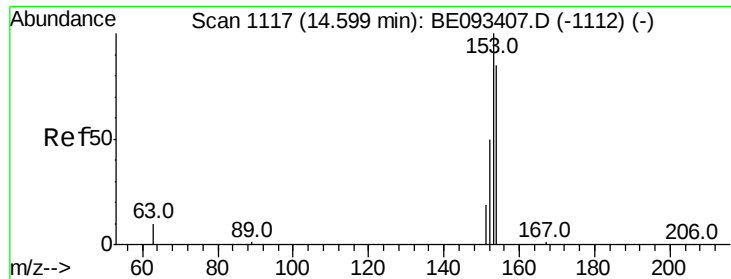
Tot Ion:172 Resp: 25983
Ion Ratio Lower Upper
172 100
171 33.7 29.8 44.6
170 21.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.17 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:152 Resp: 10373
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 13.1 10.3 15.5

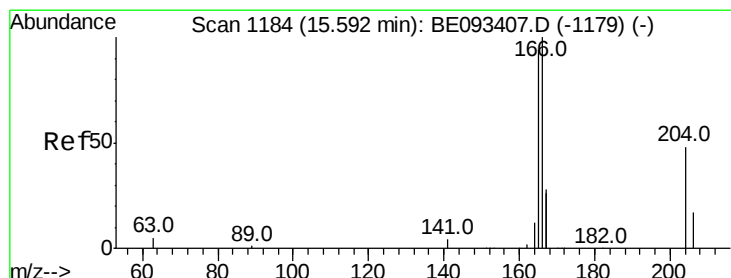
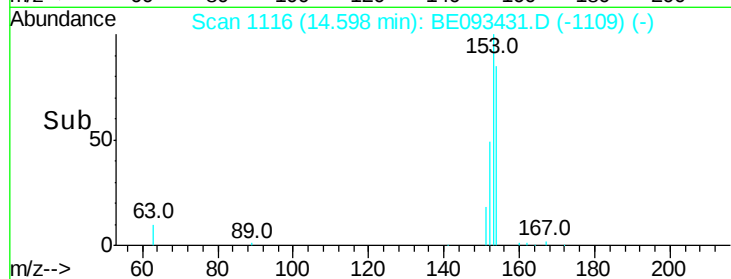
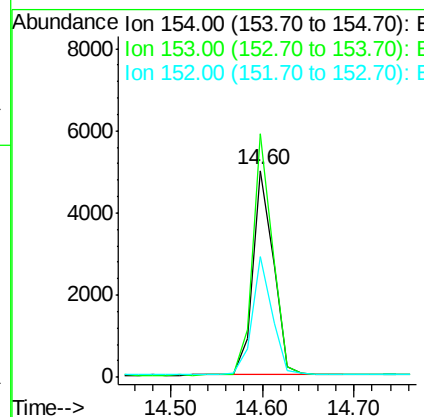
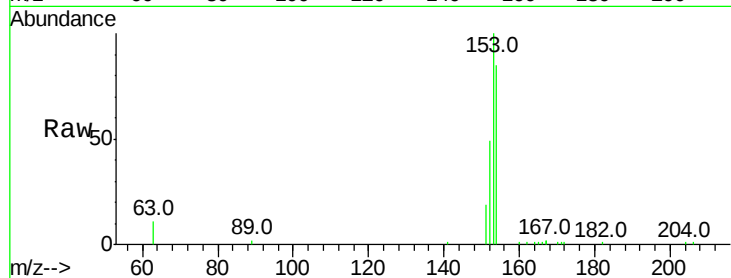




#17
Acenaphthene
Concen: 0.18 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

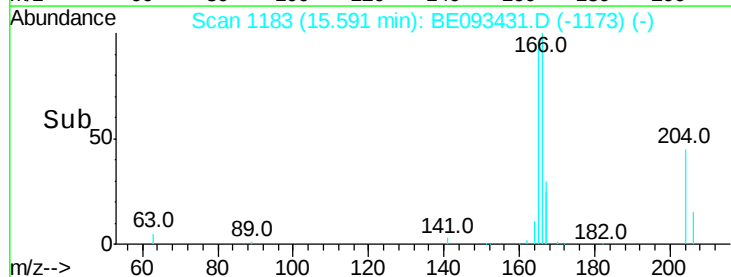
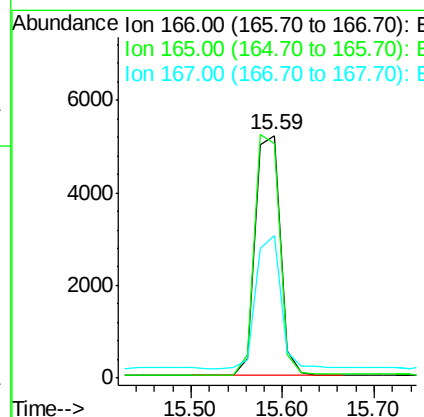
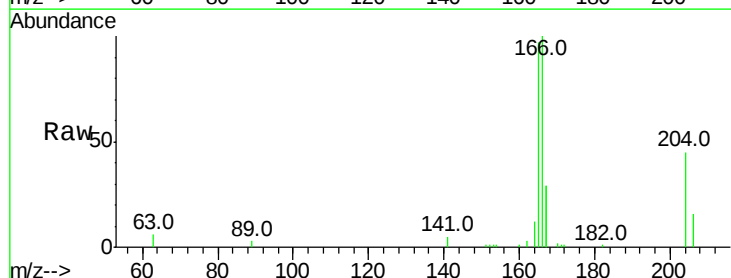
Instrument :
BNA_E
ClientSampleId :

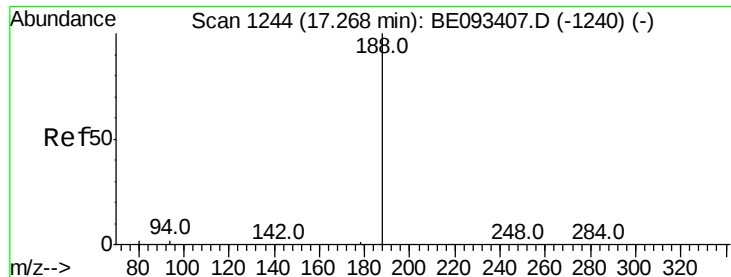
Tot Ion:154 Resp: 7852
Ion Ratio Lower Upper
154 100
153 113.9 91.2 136.8
152 55.3 44.8 67.2



#18
Fluorene
Concen: 0.17 ng
RT: 15.59 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:166 Resp: 9933
Ion Ratio Lower Upper
166 100
165 100.5 78.6 117.8
167 55.0 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampled :

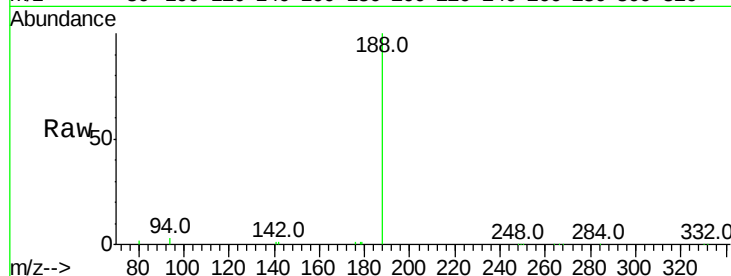
Tot Ion:188 Resp: 36909

Ion Ratio Lower Upper

188 100

94 2.6 11.3 16.9#

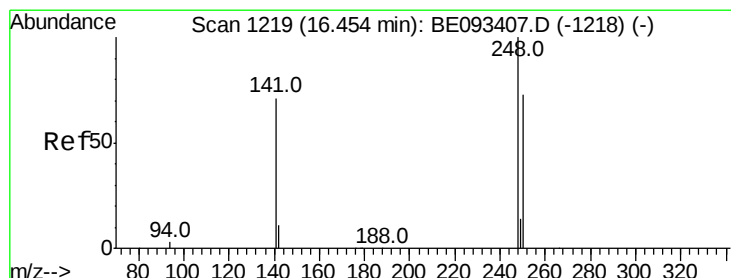
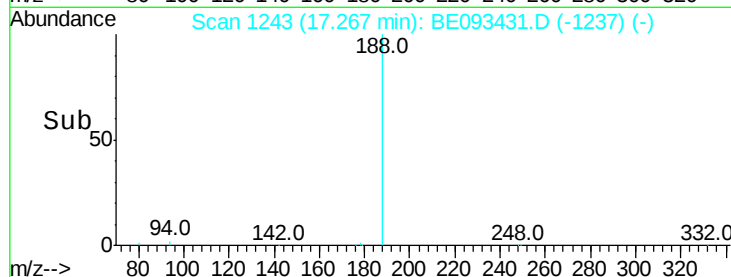
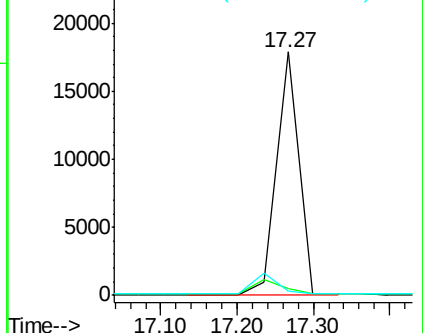
80 2.0 11.7 17.5#



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: 0.19 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

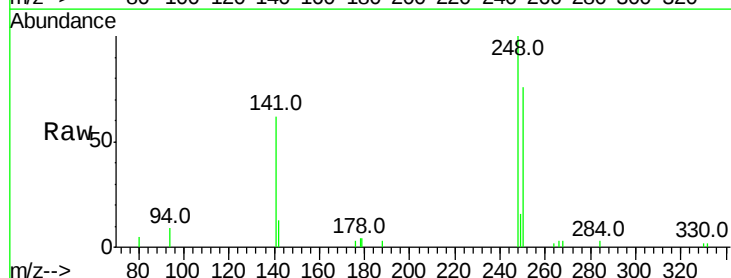
Tgt Ion:248 Resp: 3937

Ion Ratio Lower Upper

248 100

250 76.2 40.8 61.2#

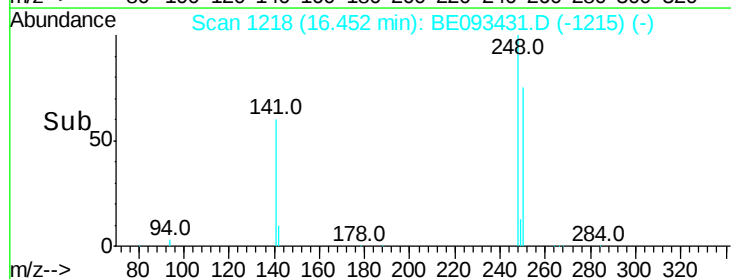
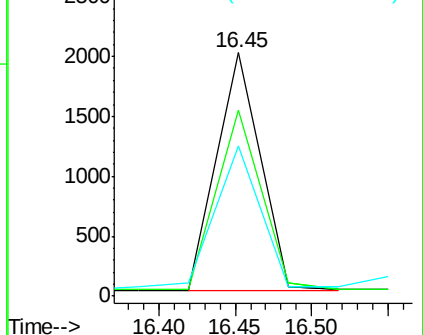
141 61.9 161.6 242.4#

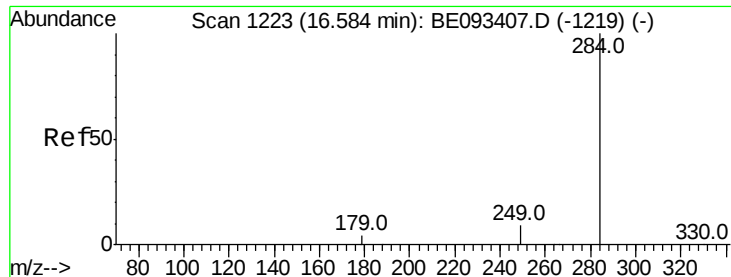


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.19 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

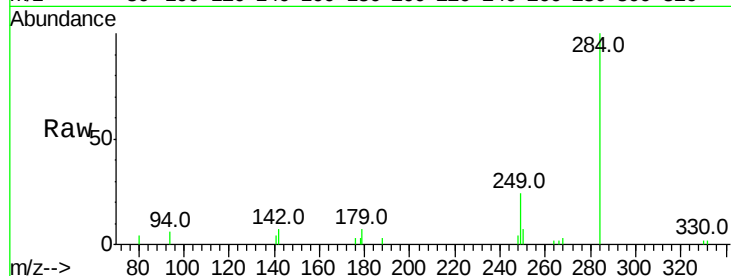
Tot Ion:284 Resp: 4217

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

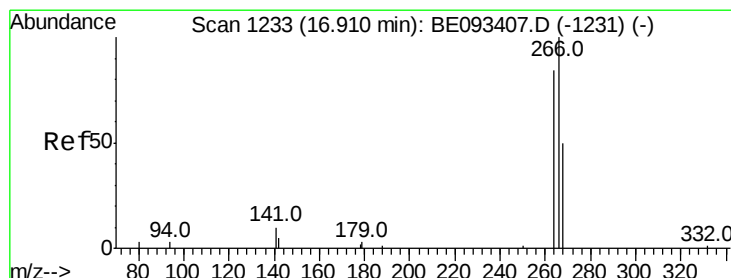
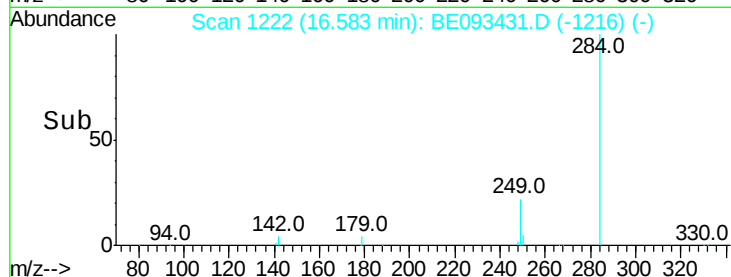
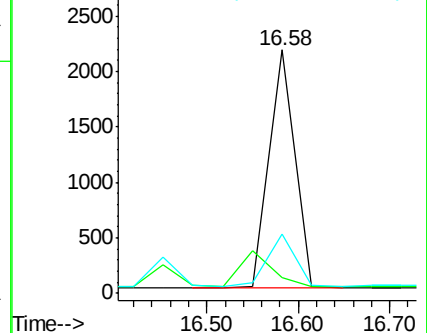
249 23.5 0.0 0.0#



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: 0.13 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

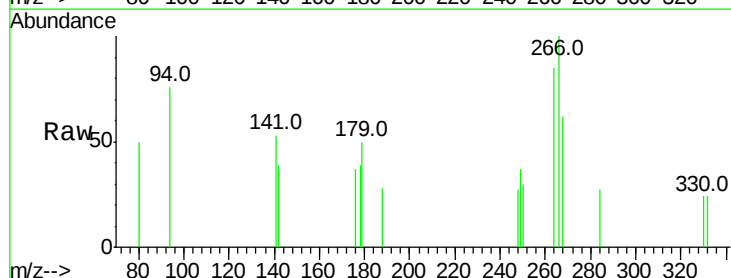
Tgt Ion:266 Resp: 473

Ion Ratio Lower Upper

266 100

264 85.1 58.2 87.2

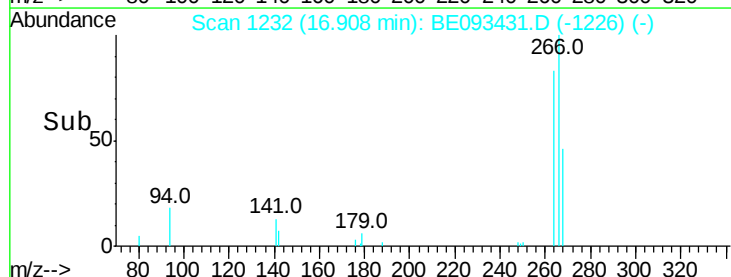
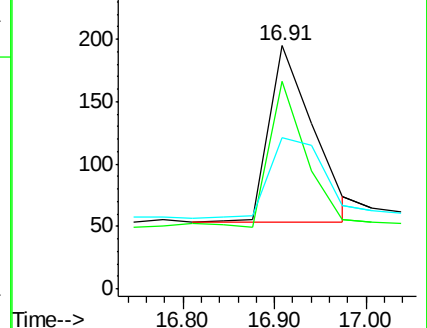
268 62.1 71.9 107.9#

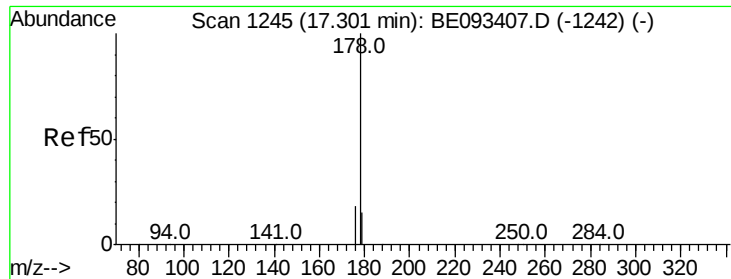


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.17 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

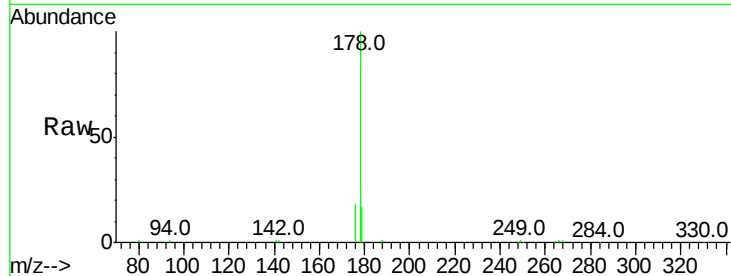
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 23106

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.4
179	16.1	12.7	19.1

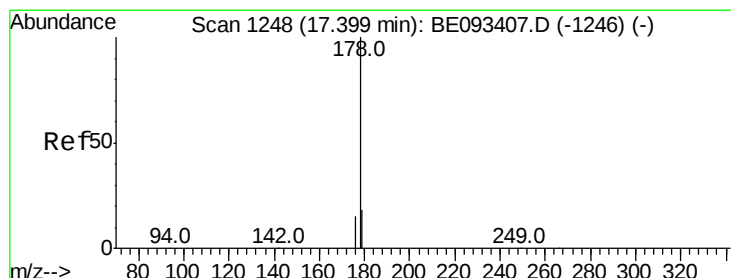
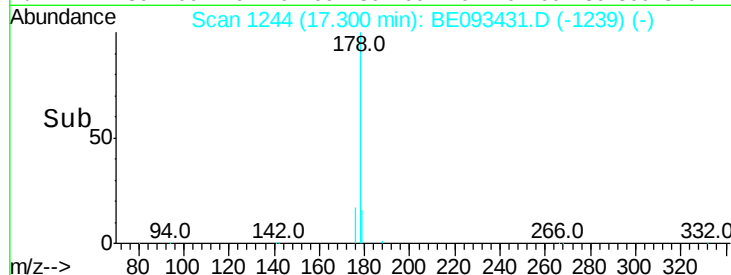
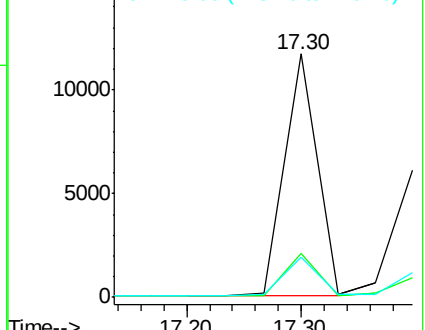


Abundance

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: 0.29 ng

RT: 17.30 min Scan# 1244

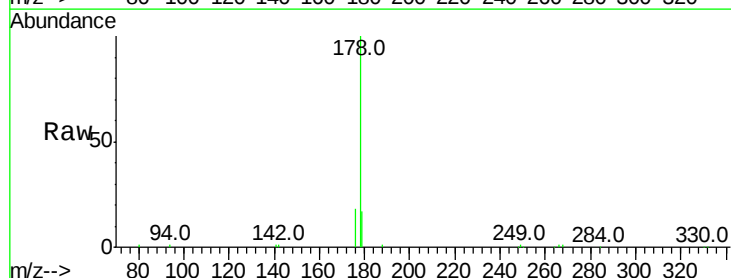
Delta R.T. -0.10 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Tgt Ion:178 Resp: 23562

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.1	12.0	18.0

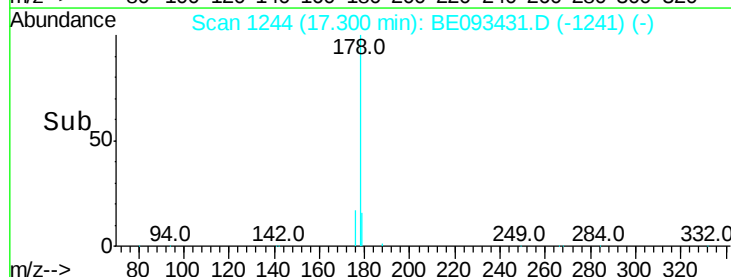
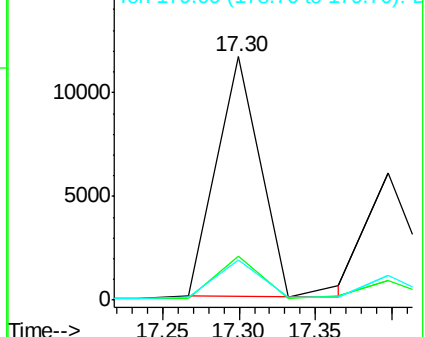


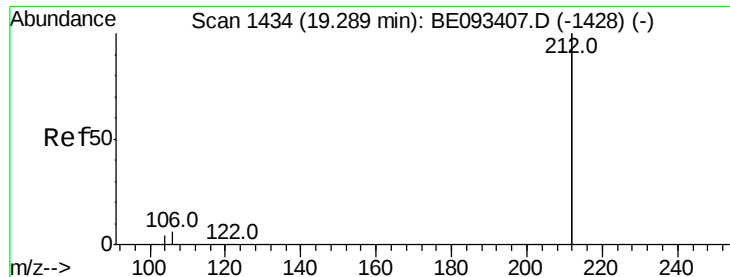
Abundance

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: 0.43 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093431.D

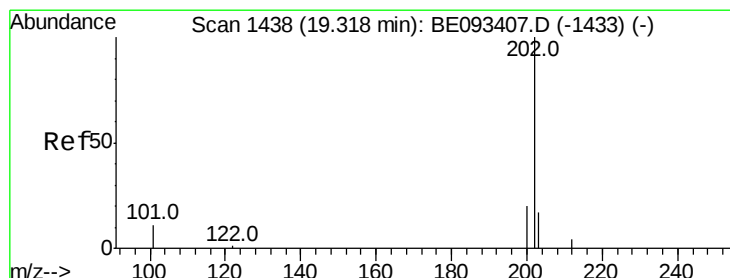
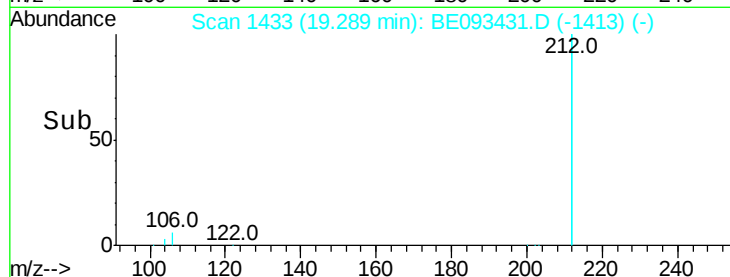
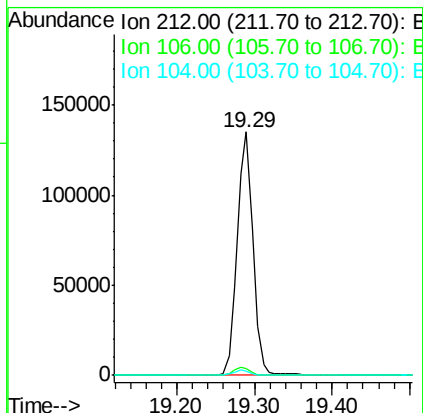
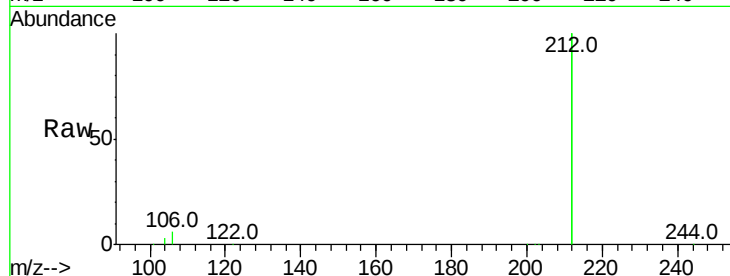
Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	189539
Ion Ratio	Lower	Upper
212 100		
106 3.5	2.4	3.6
104 1.9	1.6	2.4



#26

Fluoranthene

Concen: 0.16 ng

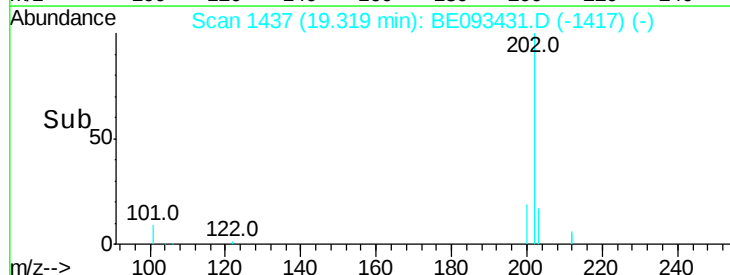
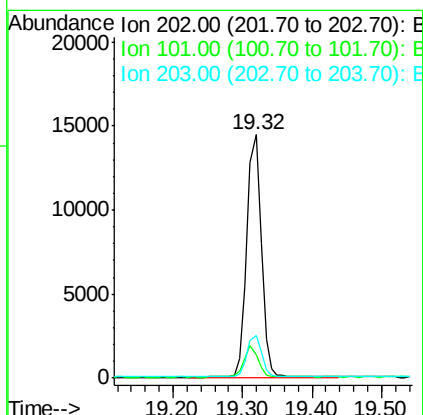
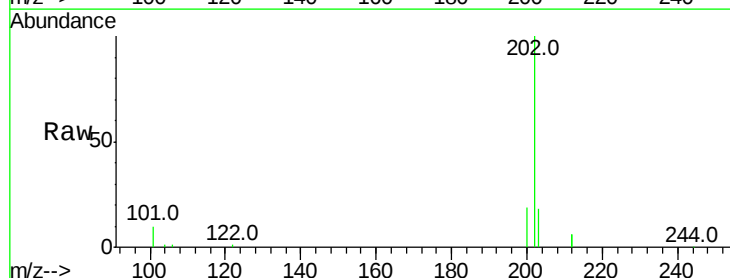
RT: 19.32 min Scan# 1437

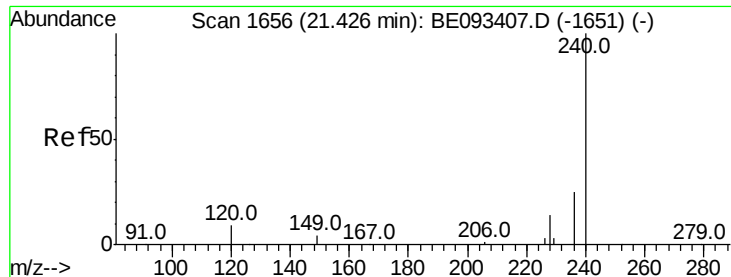
Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Tgt Ion:202	Resp:	20120
Ion Ratio	Lower	Upper
202 100		
101 12.5	9.6	14.4
203 17.3	14.4	21.6





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

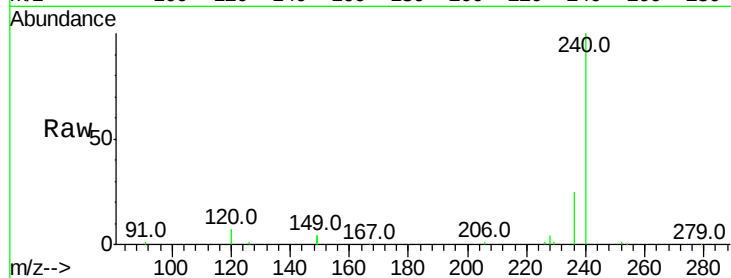
Tot Ion:240 Resp: 38049

Ion Ratio Lower Upper

240 100

120 6.9 4.6 7.0

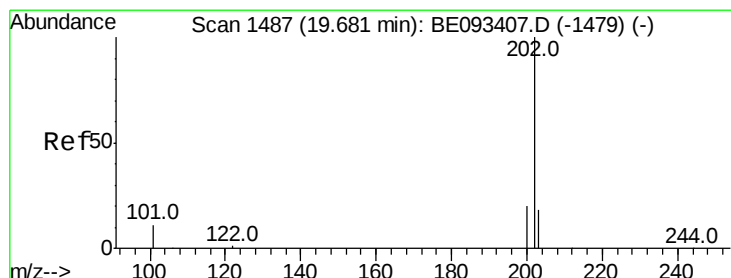
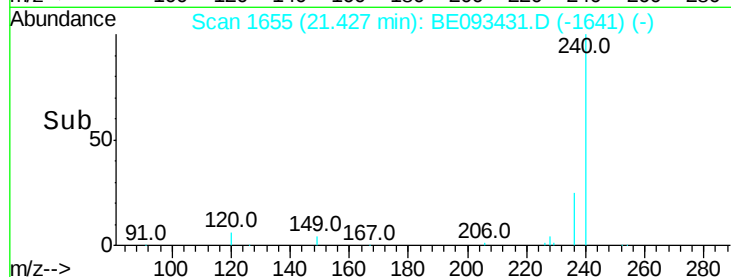
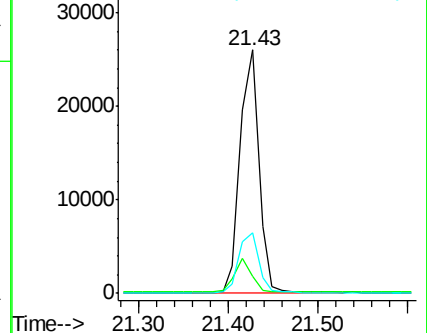
236 25.1 20.8 31.2



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: 0.19 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

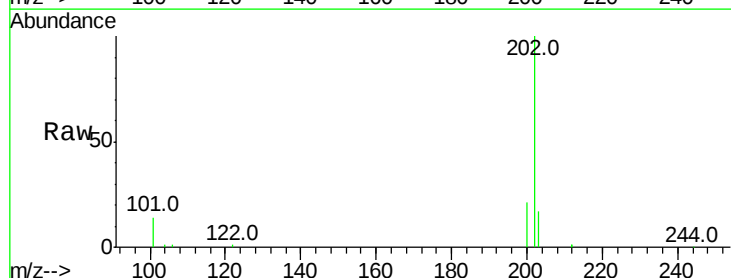
Tgt Ion:202 Resp: 20501

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

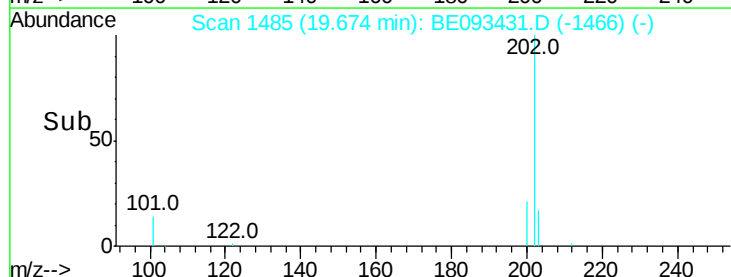
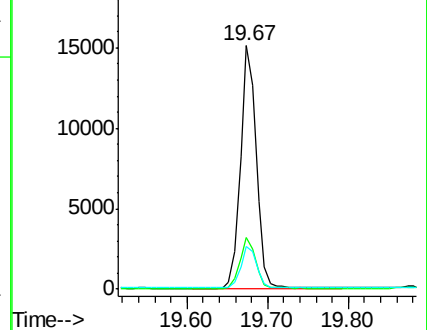
203 17.3 13.7 20.5

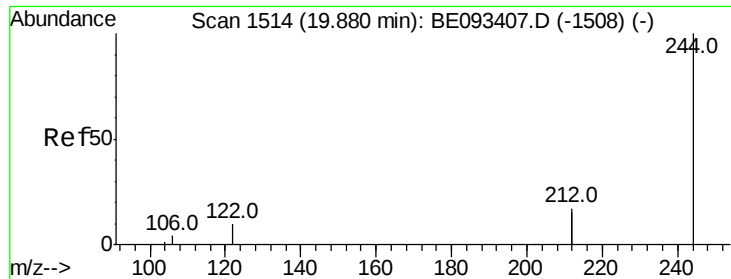


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.48 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

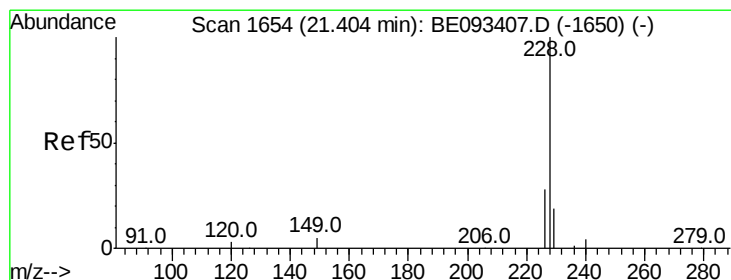
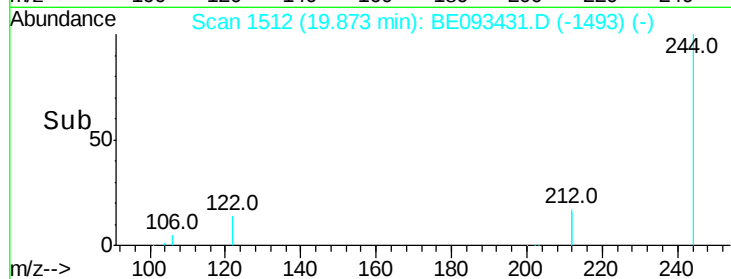
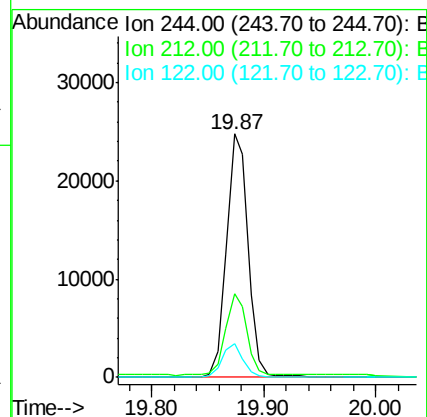
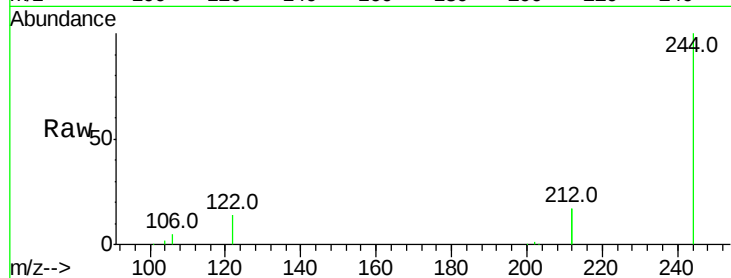
Tot Ion:244 Resp: 32669

Ion Ratio Lower Upper

244 100

212 34.3 10.6 16.0#

122 13.9 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.17 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

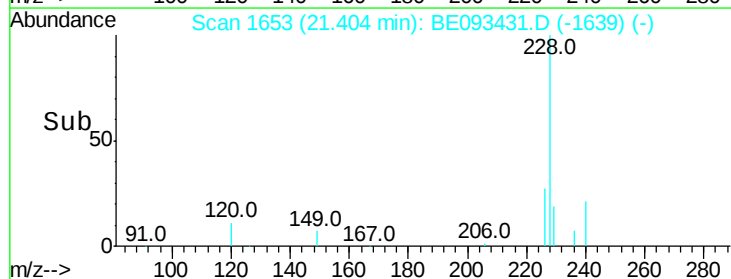
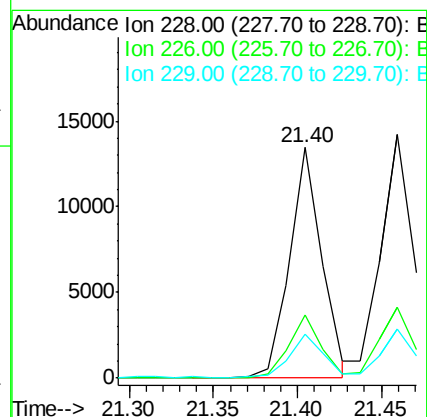
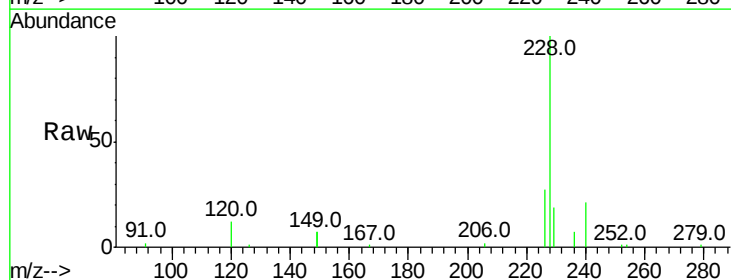
Tgt Ion:228 Resp: 17782

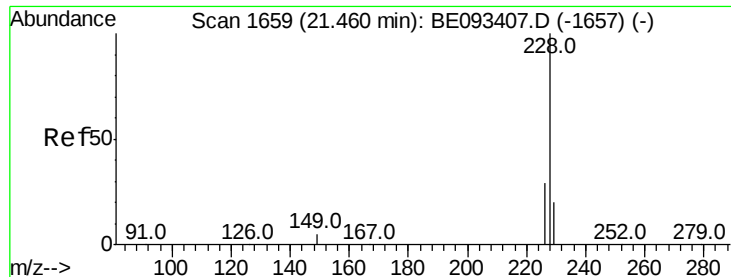
Ion Ratio Lower Upper

228 100

226 27.3 19.7 29.5

229 19.3 19.2 28.8





#31

Chrysene

Concen: 0.18 ng

RT: 21.46 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

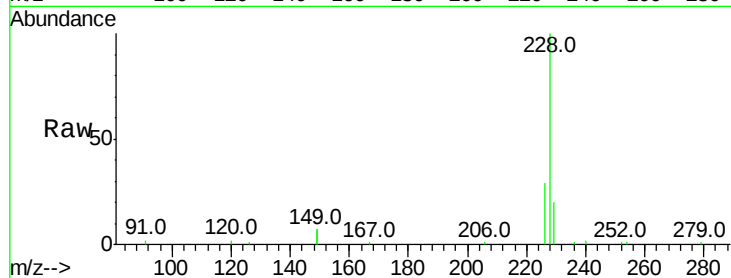
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 19436

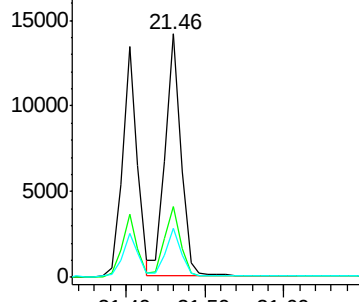
Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.5	32.3
229	20.0	18.6	28.0



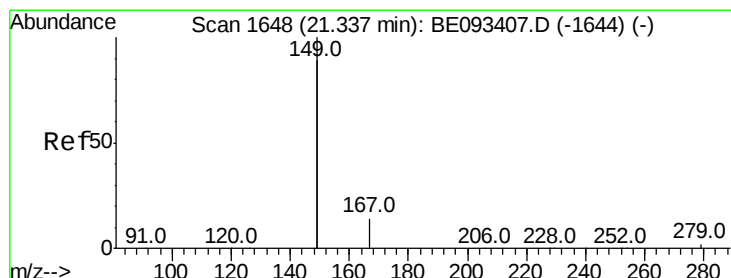
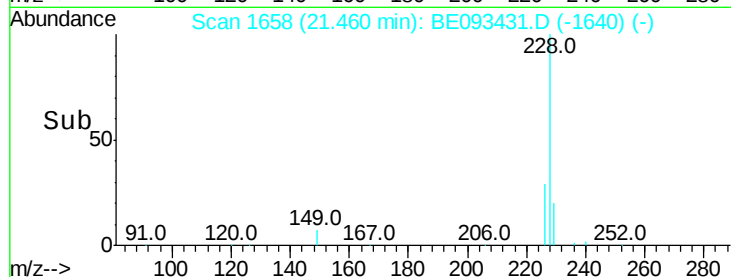
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.33 min Scan# 1646

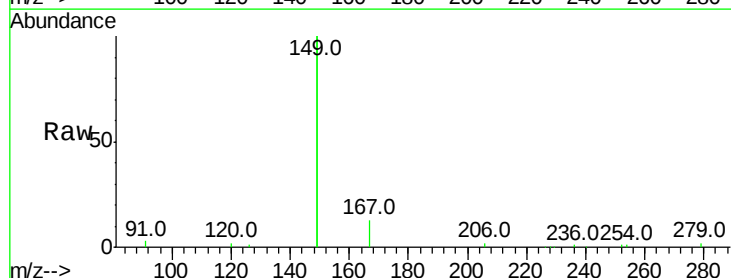
Delta R.T. -0.01 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Tgt Ion:149 Resp: 26063

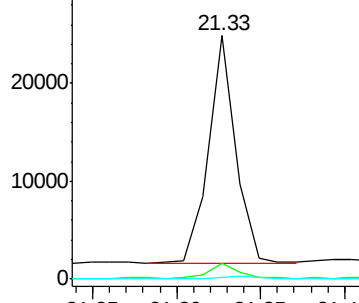
Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#



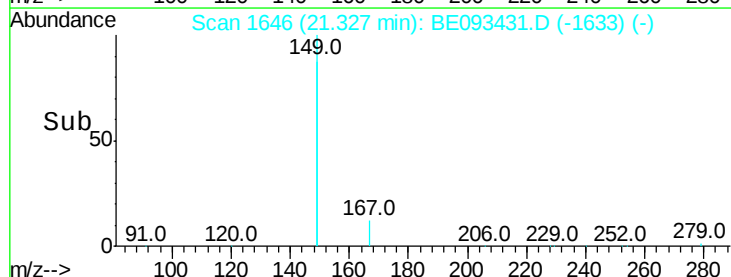
Abundance Ion 149.00 (148.70 to 149.70): E

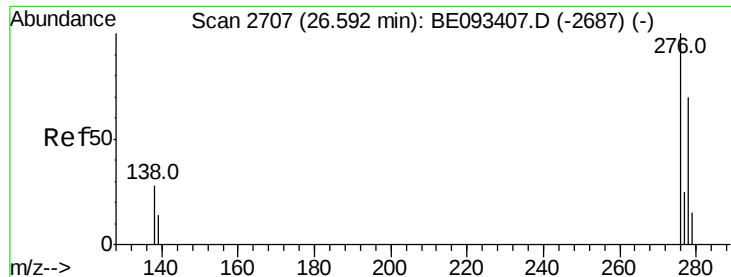
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

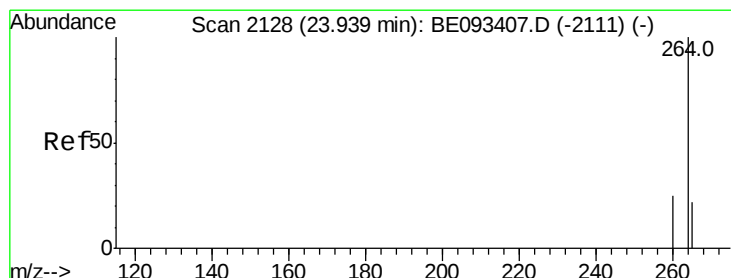
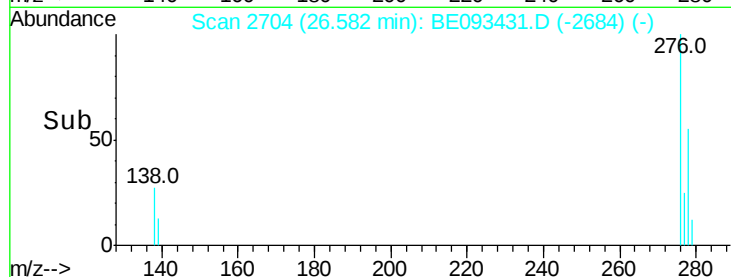
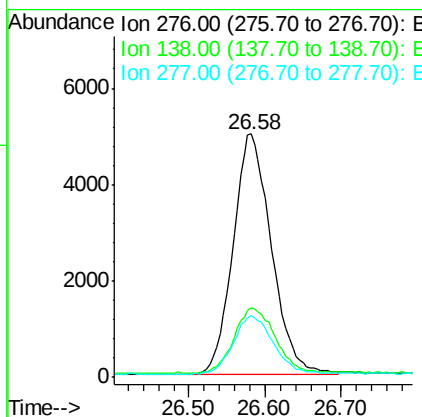
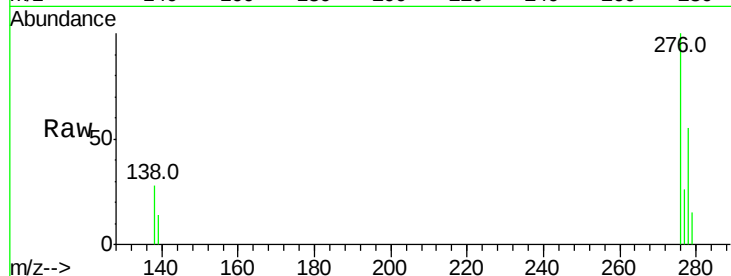




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.19 ng
 RT: 26.58 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BE093431.D
 Acq: 6 Jul 2017 15:33

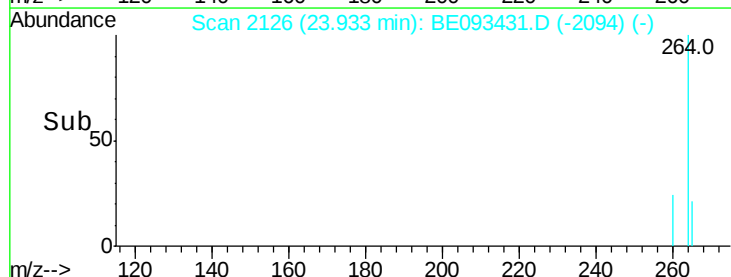
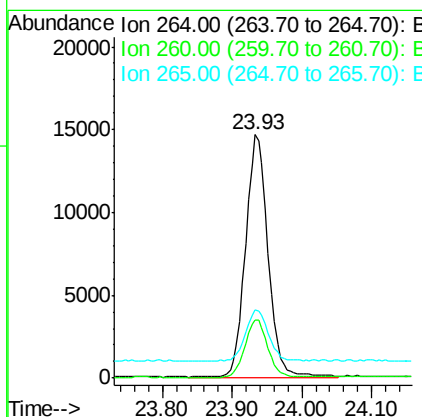
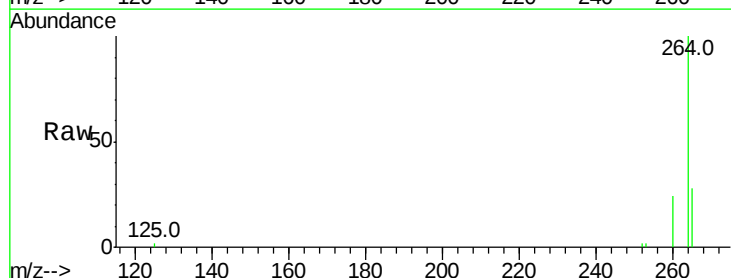
Instrument :
 BNA_E
 ClientSampleId :

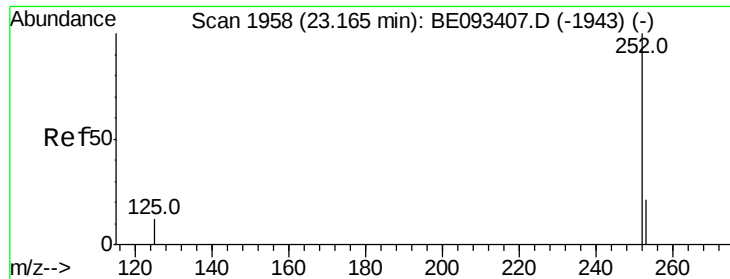
Tot Ion:276 Resp: 17537
 Ion Ratio Lower Upper
 276 100
 138 29.1 27.4 41.2
 277 25.1 20.1 30.1



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093431.D
 Acq: 6 Jul 2017 15:33

Tgt Ion:264 Resp: 32452
 Ion Ratio Lower Upper
 264 100
 260 24.0 21.0 31.4
 265 28.1 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.17 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :

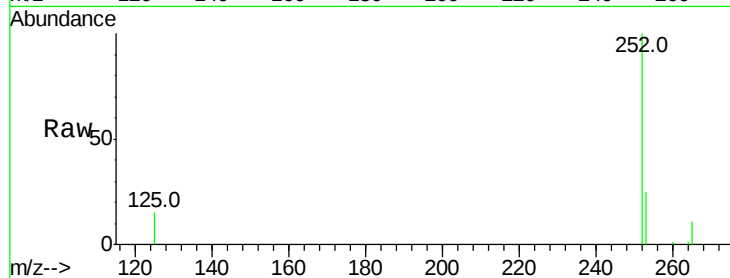
Tot Ion:252 Resp: 17946

Ion Ratio Lower Upper

252 100

253 25.3 18.5 27.7

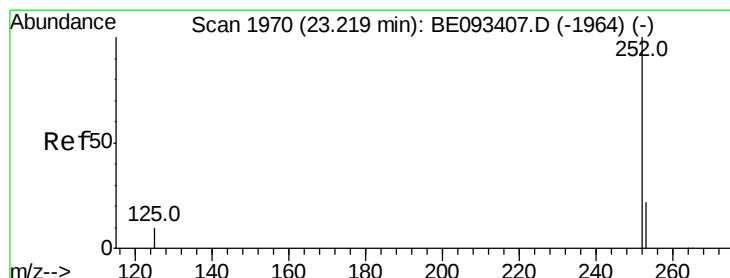
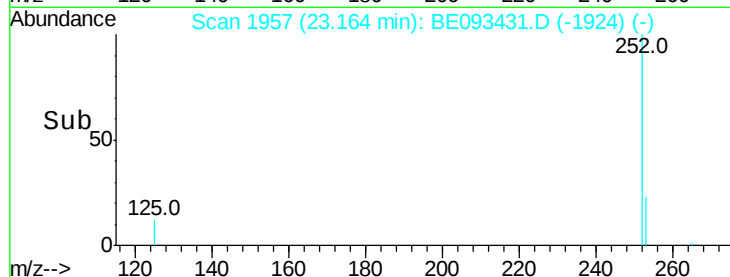
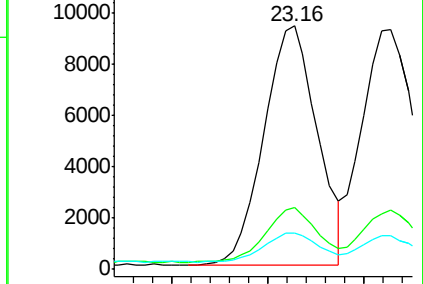
125 14.7 13.4 20.0



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: 0.17 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

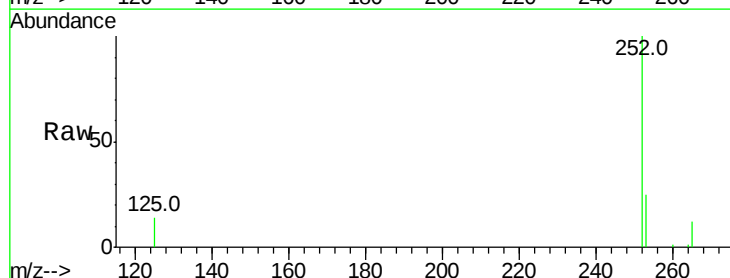
Tgt Ion:252 Resp: 17963

Ion Ratio Lower Upper

252 100

253 24.7 20.3 30.5

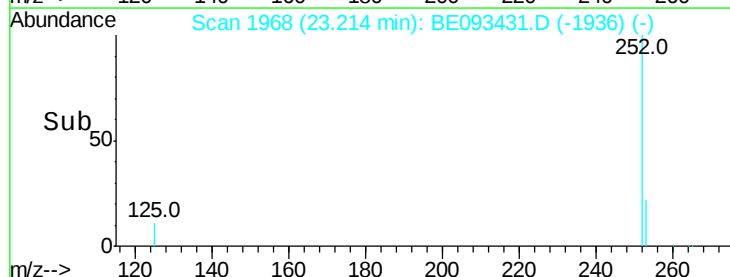
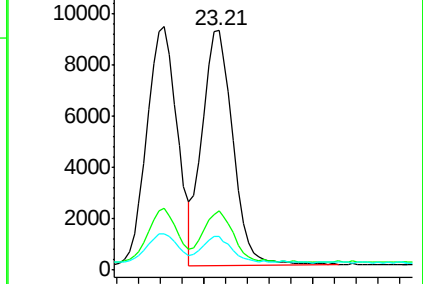
125 14.0 12.2 18.4

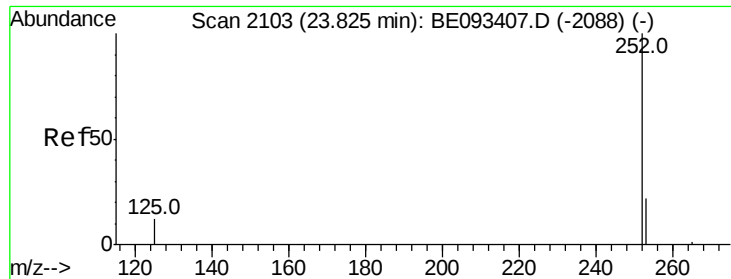


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

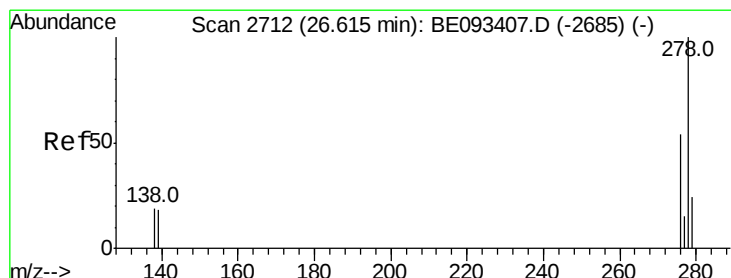
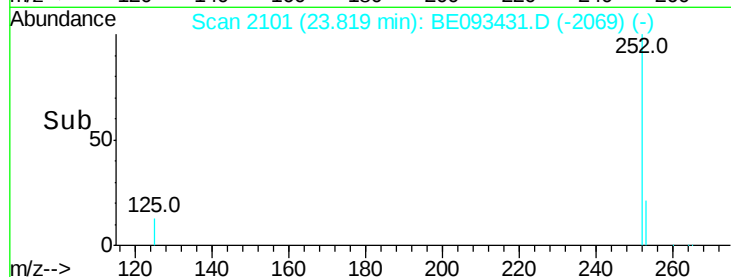
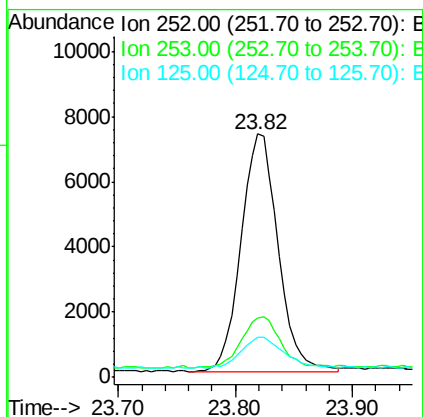
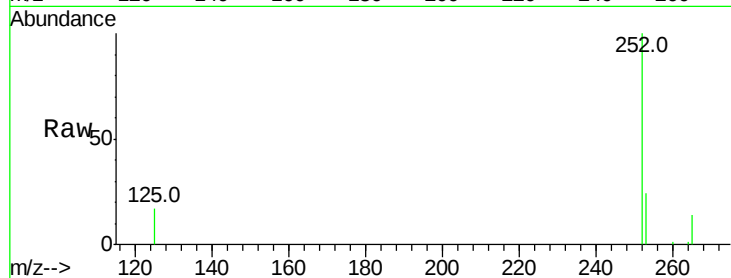




#37
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

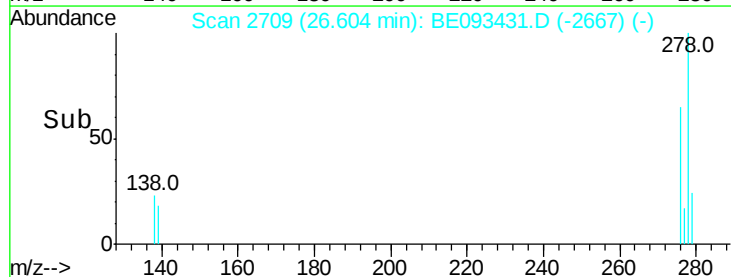
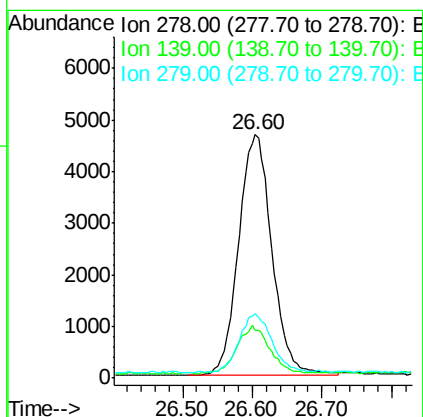
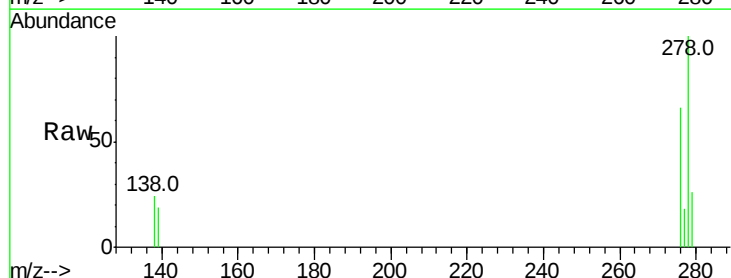
Instrument :
BNA_E
ClientSampleId :

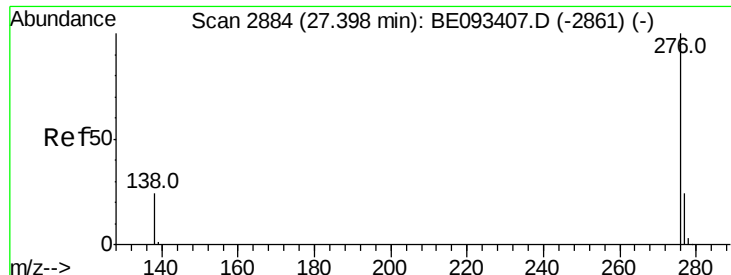
Tot Ion:252 Resp: 16068
Ion Ratio Lower Upper
252 100
253 24.2 19.9 29.9
125 16.5 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:278 Resp: 15405
Ion Ratio Lower Upper
278 100
139 19.4 21.4 32.0#
279 26.4 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.18 ng

RT: 27.40 min Scan# 2883

Delta R.T. -0.00 min

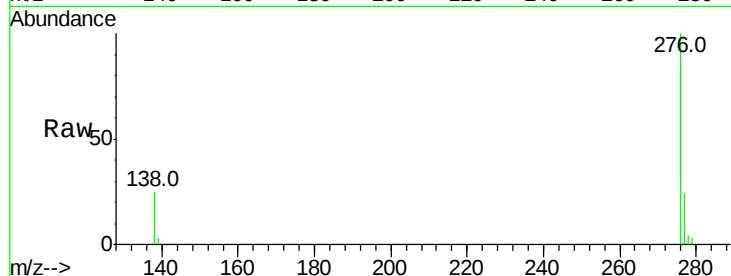
Lab File: BE093431.D

Acq: 6 Jul 2017 15:33

Instrument :

BNA_E

ClientSampleId :



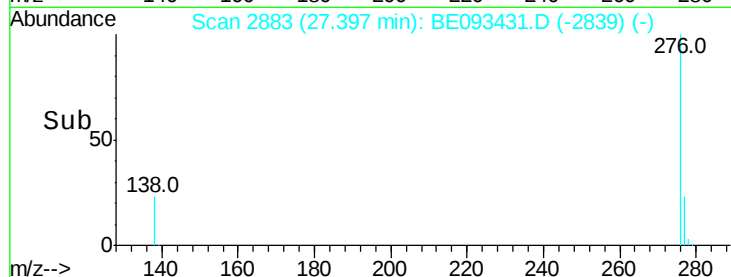
Tot Ion:276 Resp: 15874

Ion Ratio Lower Upper

276 100

277 24.2 21.2 31.8

138 24.7 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

