

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
 Data File : BE093427.D
 Acq On : 6 Jul 2017 10:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:48:49 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	3366	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	17886	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11234	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	33051	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36968	0.40	ng	0.00
34) Perylene-d12	23.93	264	33377	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4094	0.40	ng	0.00
5) Phenol-d6	7.10	99	6431	0.43	ng	0.00
8) Nitrobenzene-d5	9.08	82	5068	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11345	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1437	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	16960	0.39	ng	0.00
25) Fluoranthene-d10	19.29	212	140685	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	25634	0.39	ng	0.00

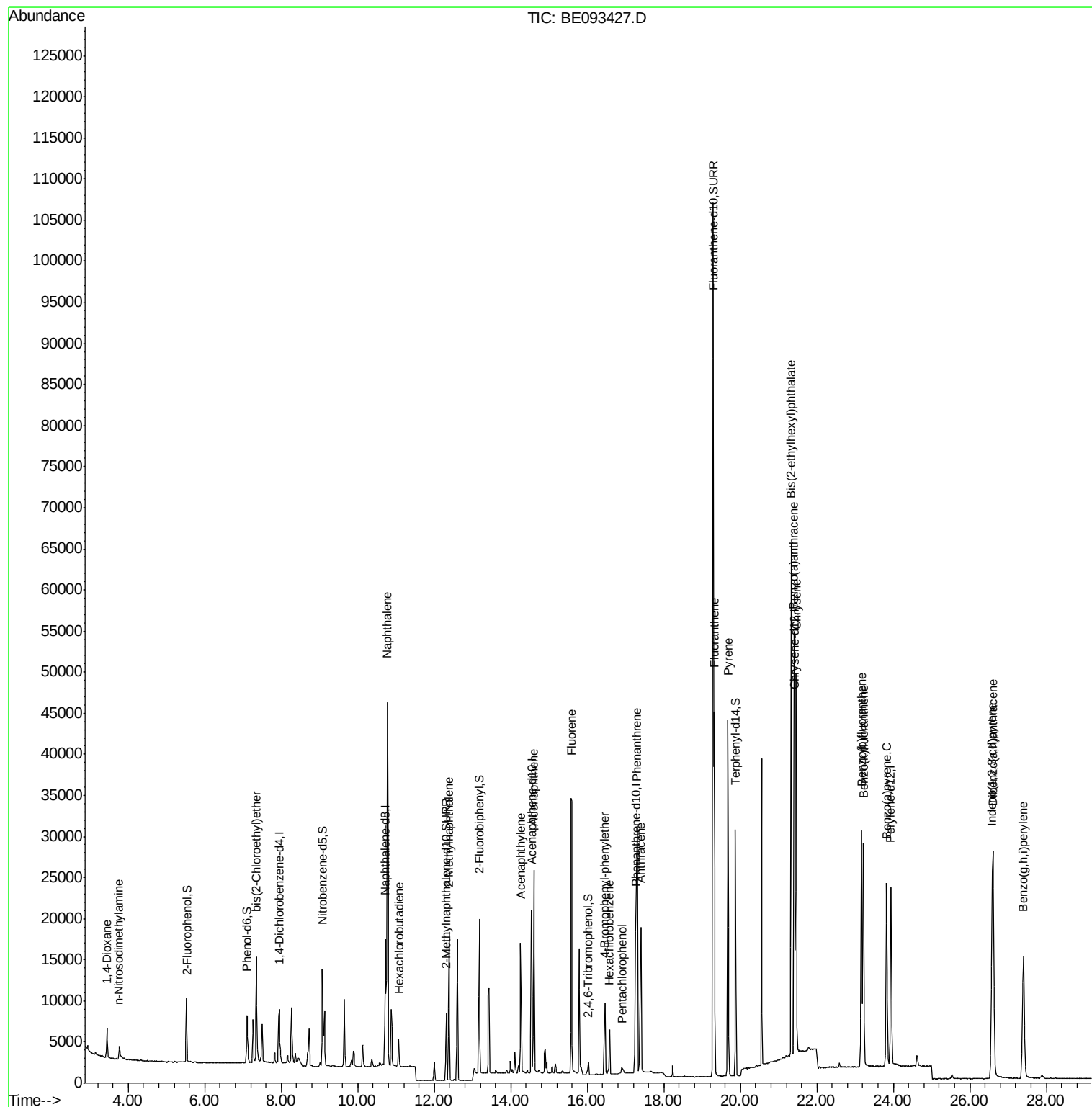
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	2631	0.37	ng	99
3) n-Nitrosodimethylamine	3.75	42	1500	0.41	ng	# 85
6) bis(2-Chloroethyl)ether	7.35	93	4349	0.39	ng	# 95
9) Naphthalene	10.77	128	72684	0.39	ng	# 73
10) Hexachlorobutadiene	11.08	225	2807	0.39	ng	99
12) 2-Methylnaphthalene	12.38	142	12425	0.39	ng	99
16) Acenaphthylene	14.26	152	18657	0.40	ng	# 87
17) Acenaphthene	14.60	154	13250	0.39	ng	100
18) Fluorene	15.59	166	17504	0.37	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	6179	0.34	ng	# 34
21) Hexachlorobenzene	16.58	284	7467	0.38	ng	# 100
22) Pentachlorophenol	16.91	266	931	0.36	ng	# 74
23) Phenanthrene	17.30	178	44439	0.37	ng	98
24) Anthracene	17.40	178	26243	0.36	ng	93
26) Fluoranthene	19.32	202	40052	0.35	ng	98
28) Pyrene	19.67	202	40694	0.39	ng	# 98
30) Benzo(a)anthracene	21.40	228	40992	0.41	ng	93
31) Chrysene	21.46	228	40618	0.39	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	68069	0.47	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	39772	0.43	ng	95
35) Benzo(b)fluoranthene	23.17	252	39401	0.37	ng	97
36) Benzo(k)fluoranthene	23.22	252	39878	0.37	ng	94
37) Benzo(a)pyrene	23.82	252	36257	0.38	ng	96
38) Dibenzo(a,h)anthracene	26.61	278	35486	0.39	ng	# 91
39) Benzo(g,h,i)perylene	27.40	276	35515	0.38	ng	92

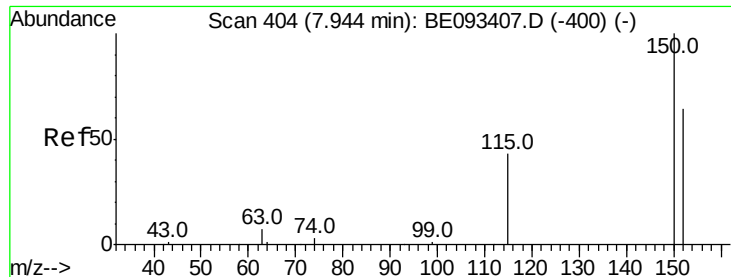
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
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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: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

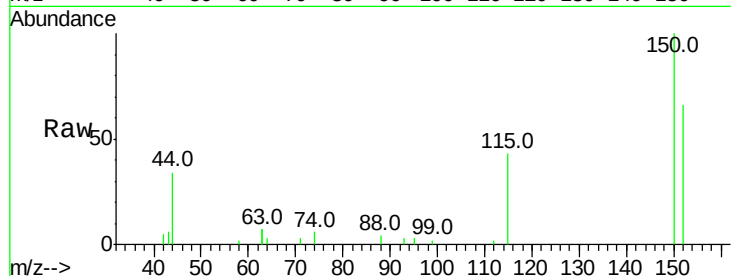
Tot Ion:152 Resp: 3366

Ion Ratio Lower Upper

152 100

150 150.5 125.1 187.7

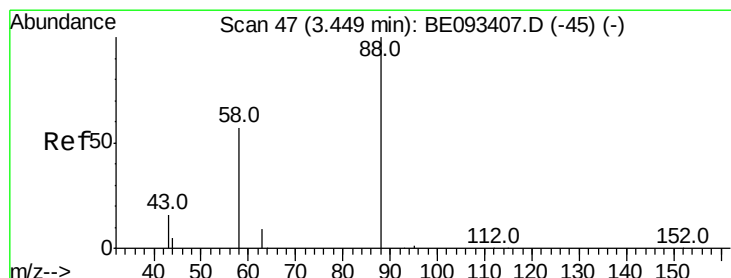
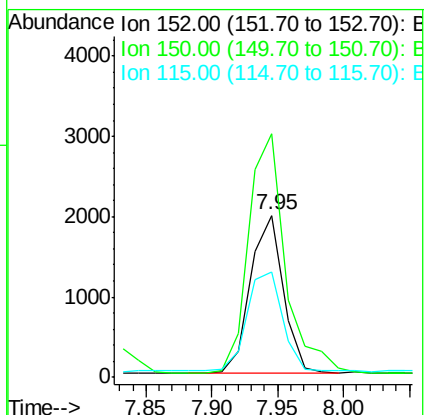
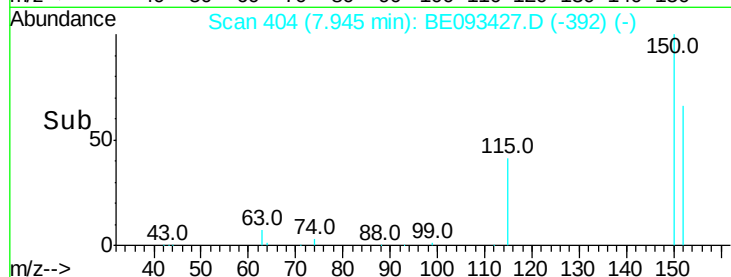
115 65.1 55.7 83.5



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: 0.37 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

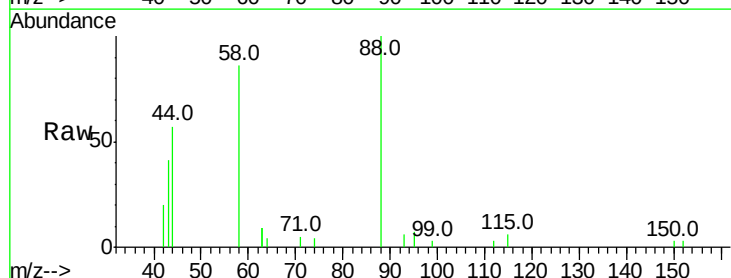
Tgt Ion: 88 Resp: 2631

Ion Ratio Lower Upper

88 100

58 78.8 62.2 93.4

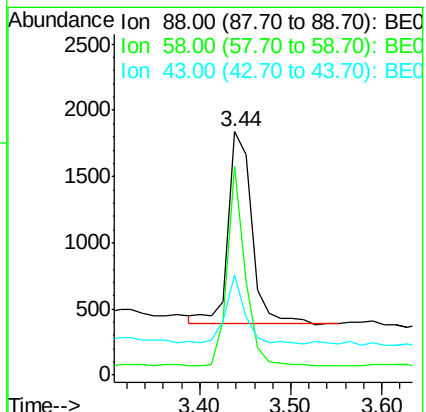
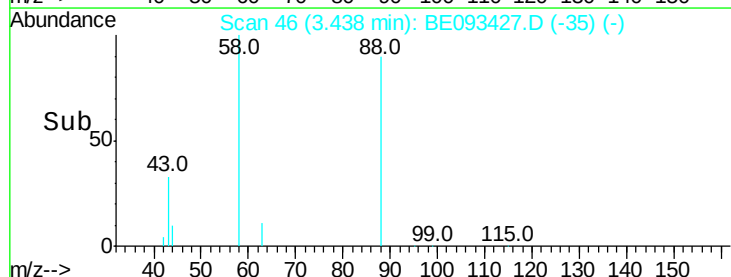
43 29.4 23.2 34.8

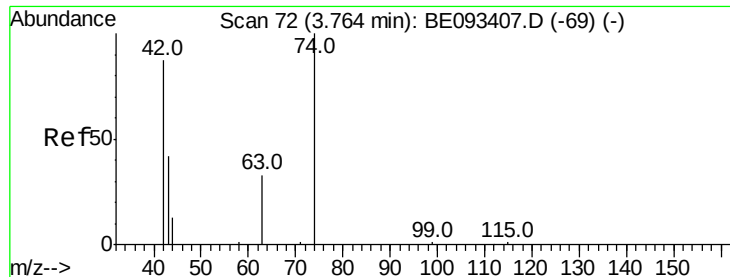


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



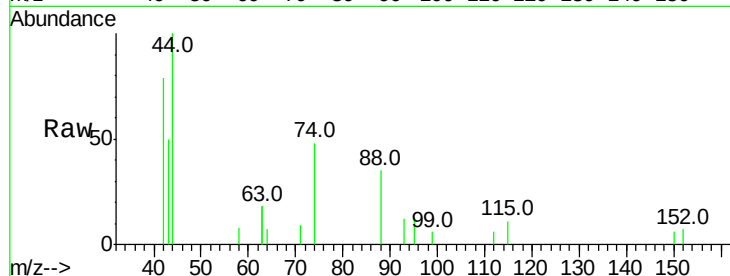


#3

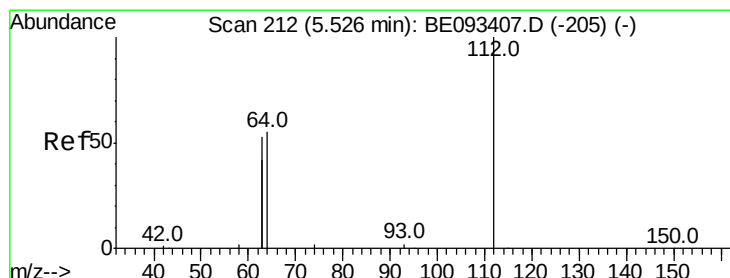
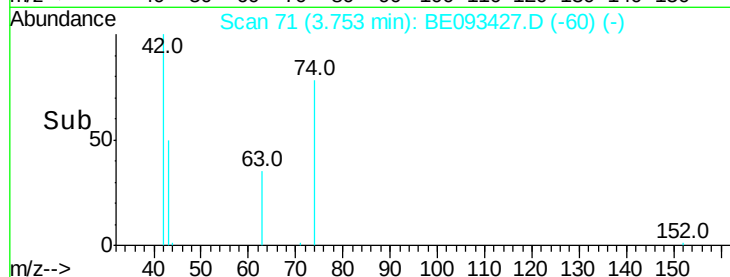
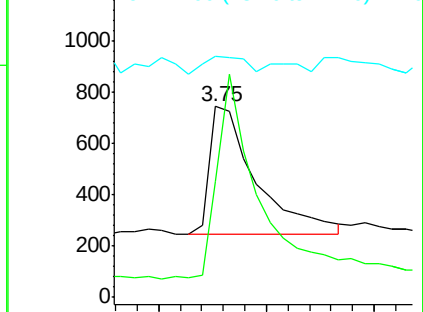
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampled :

Tot Ion: 42 Resp: 1500
Ion Ratio Lower Upper
42 100
74 141.1 99.1 148.7
44 12.8 7.4 11.2#



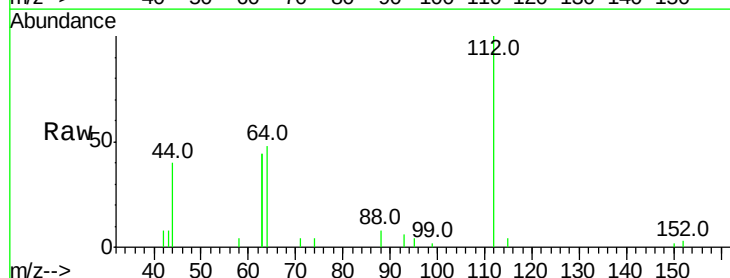
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



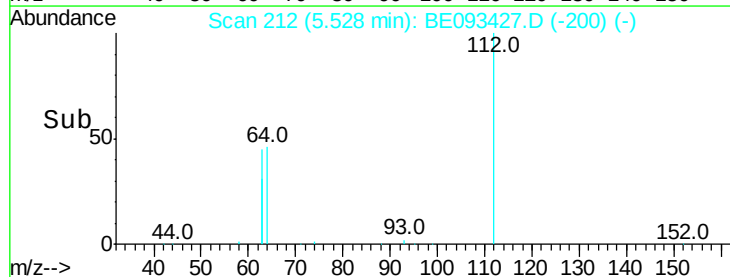
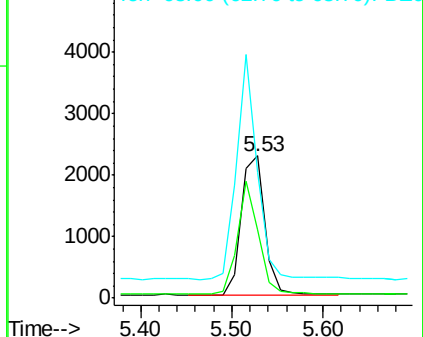
#4

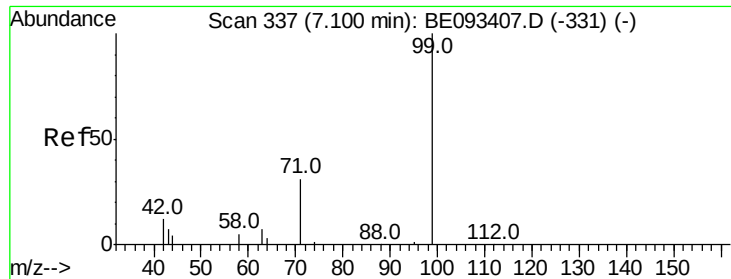
2-Fluorophenol
Concen: 0.40 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion: 112 Resp: 4094
Ion Ratio Lower Upper
112 100
64 71.9 56.4 84.6
63 139.7 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: 0.43 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampled :

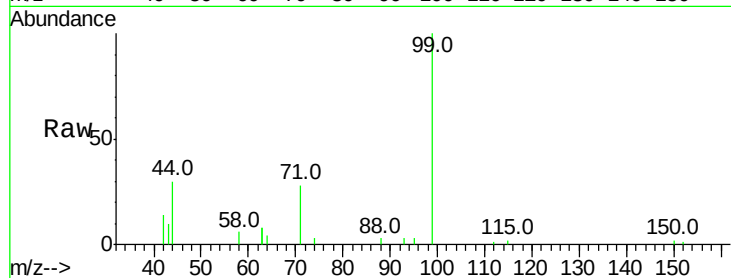
Tot Ion: 99 Resp: 6431

Ion Ratio Lower Upper

99 100

42 20.1 0.0 0.0#

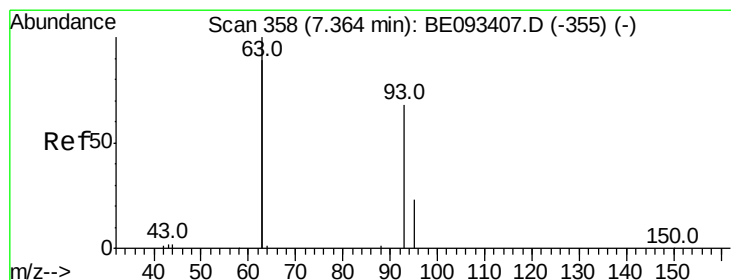
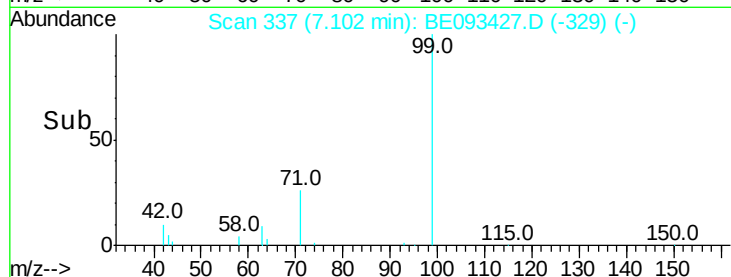
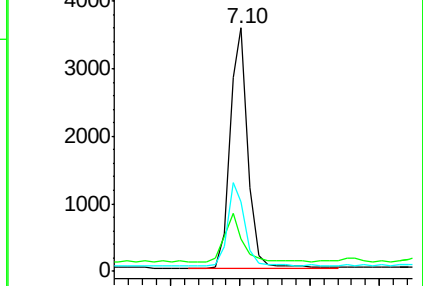
71 34.9 0.0 0.0#



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: 0.39 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

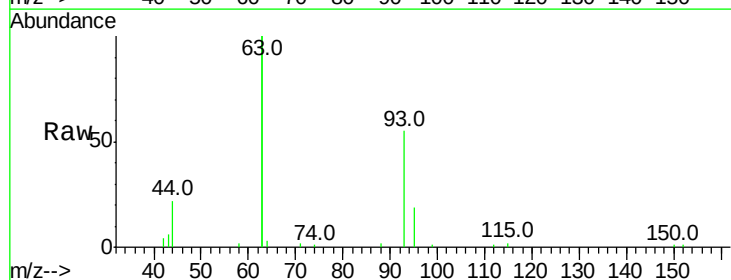
Tgt Ion: 93 Resp: 4349

Ion Ratio Lower Upper

93 100

63 351.5 0.0 0.0#

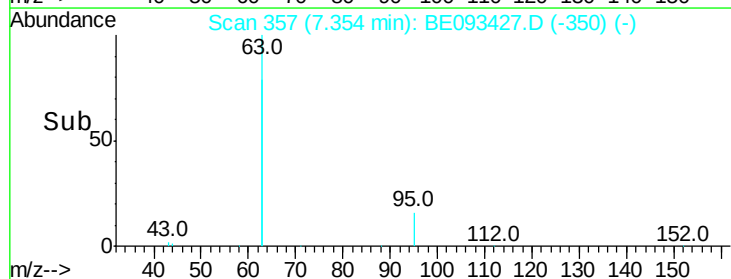
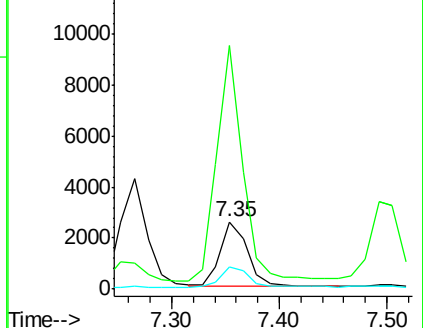
95 34.7 25.4 38.0

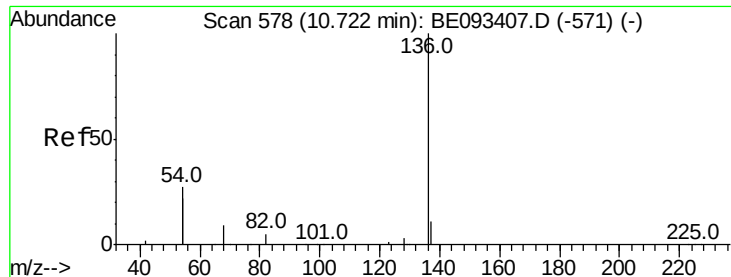


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17886

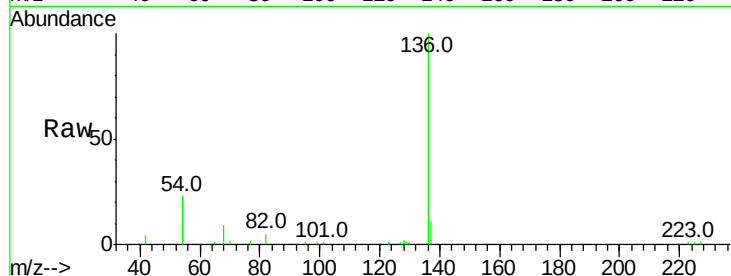
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 45.1 10.3 15.5#

68 8.9 9.0 13.4#

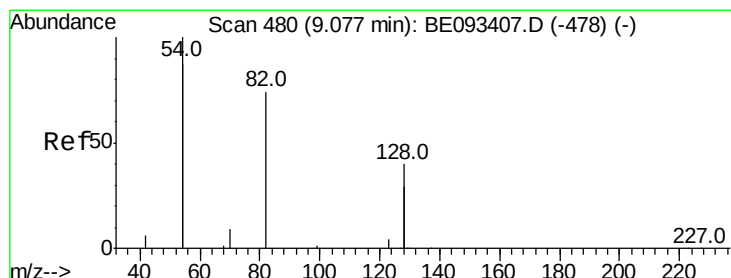
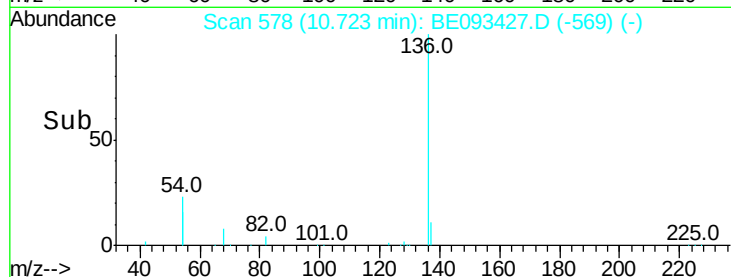
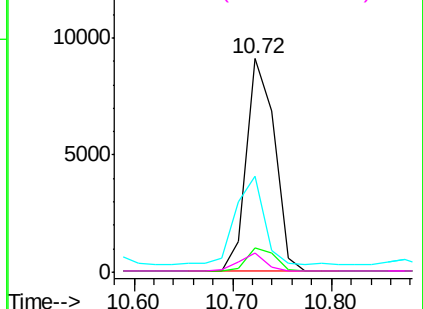


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE093427.D

Acq: 6 Jul 2017 10:29

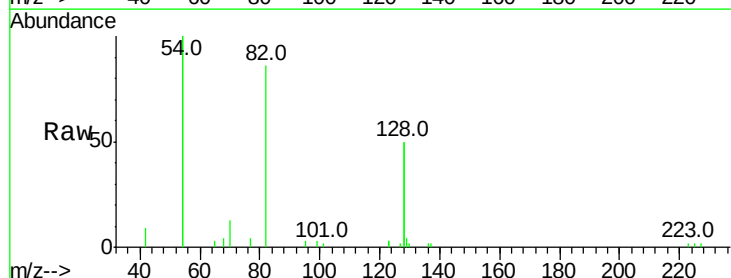
Tgt Ion: 82 Resp: 5068

Ion Ratio Lower Upper

82 100

128 116.4 17.0 25.4#

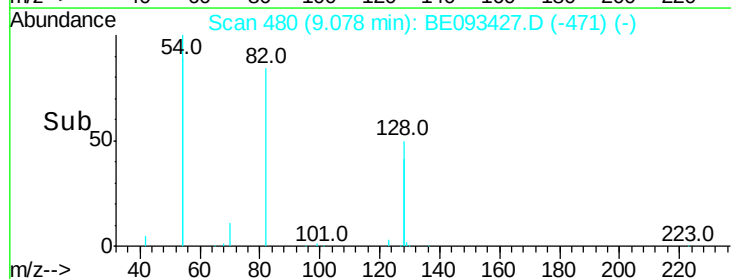
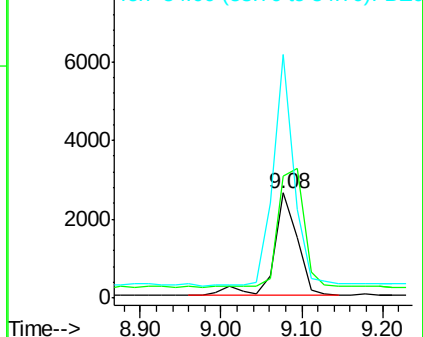
54 231.5 53.8 80.6#

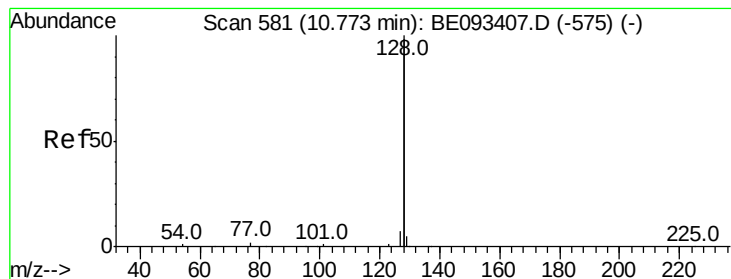


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampled :

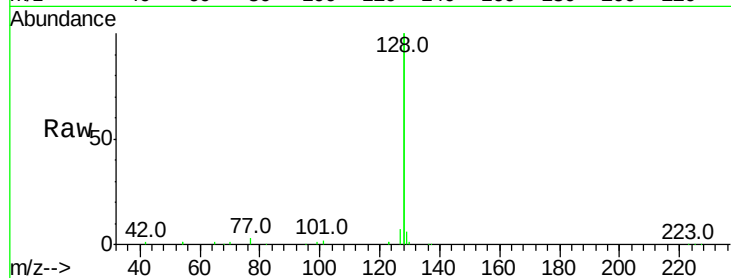
Tot Ion:128 Resp: 72684

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

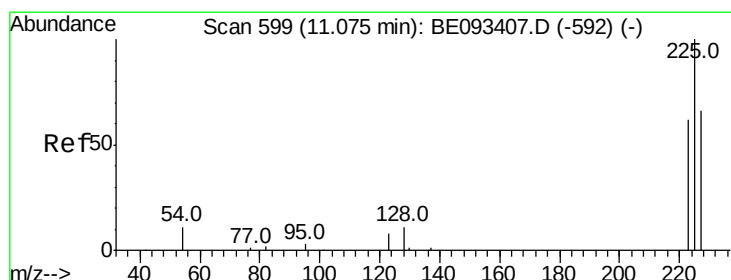
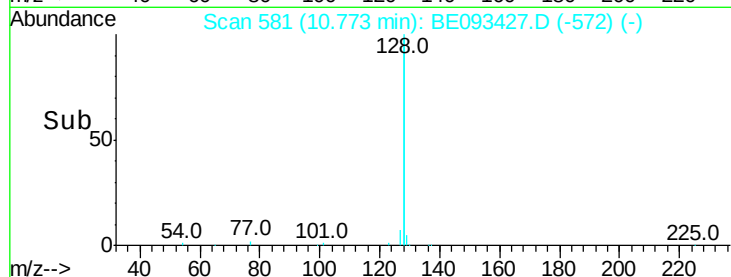
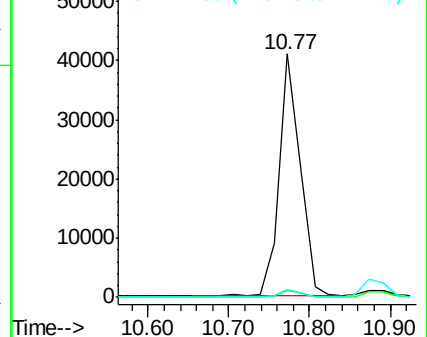
127 3.4 11.2 16.8#



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: 0.39 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

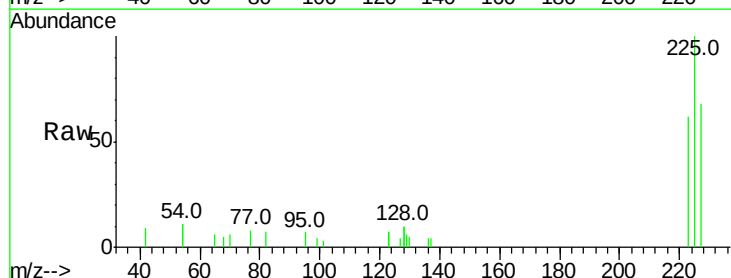
Tgt Ion:225 Resp: 2807

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

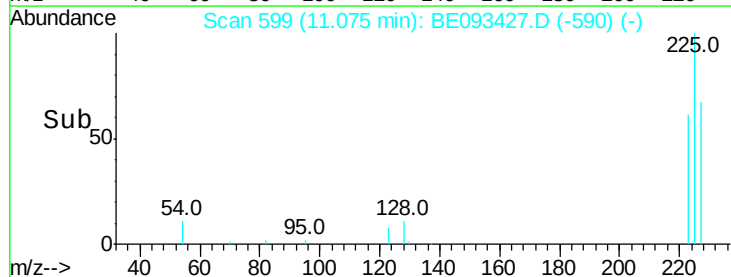
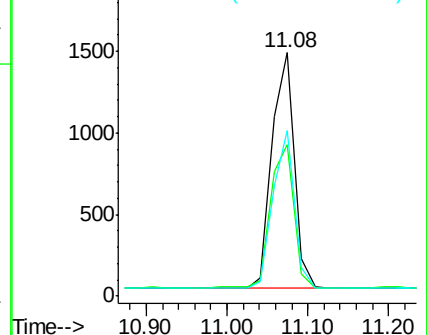
227 63.5 50.3 75.5

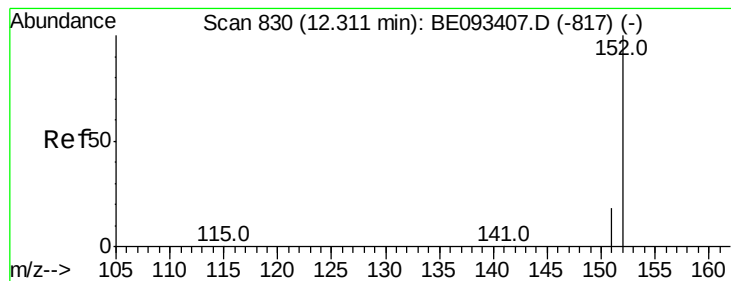


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

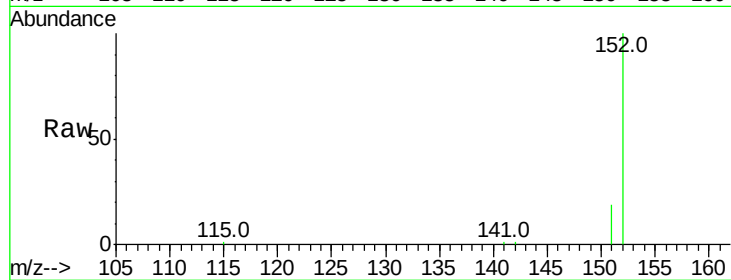
ClientSampleId :

Tot Ion:152 Resp: 11345

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

8000

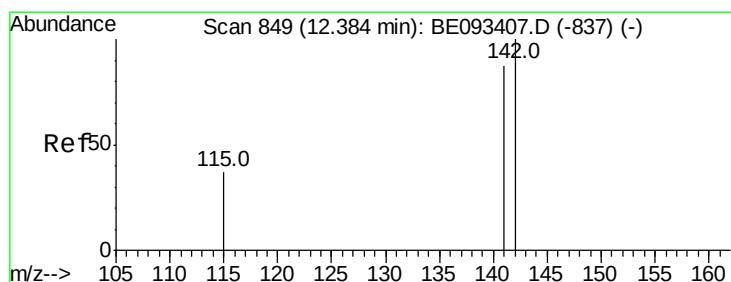
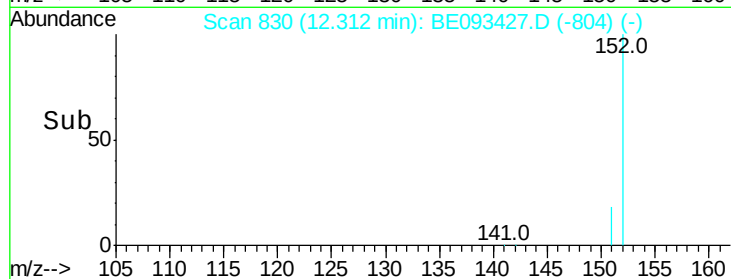
6000

4000

2000

0

Time--> 12.25 12.30 12.35 12.40



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

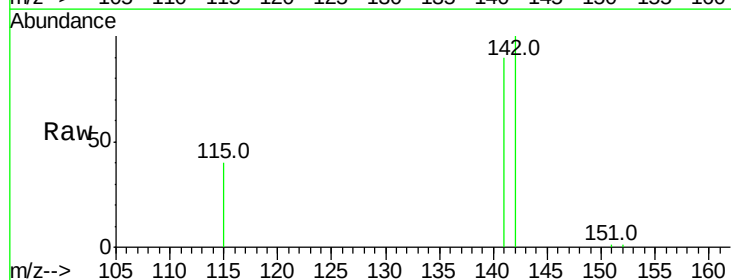
Tgt Ion:142 Resp: 12425

Ion Ratio Lower Upper

142 100

141 89.7 72.6 108.8

115 39.5 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.38

10000

8000

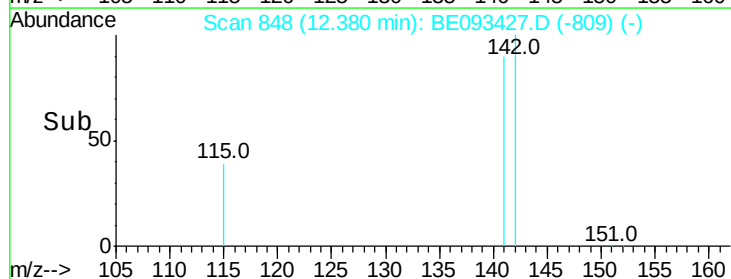
6000

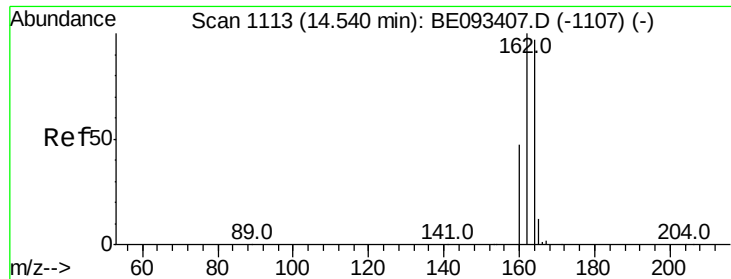
4000

2000

0

Time--> 12.30 12.35 12.40 12.45

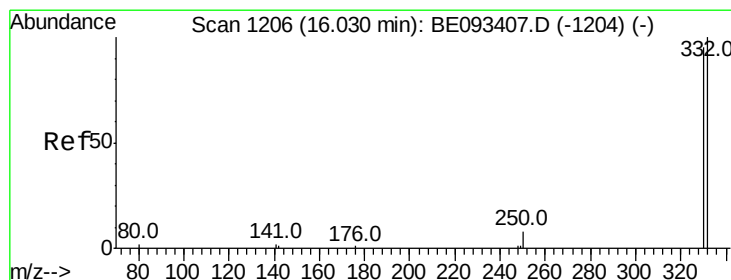
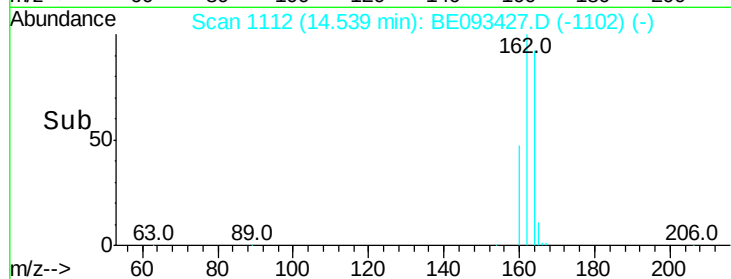
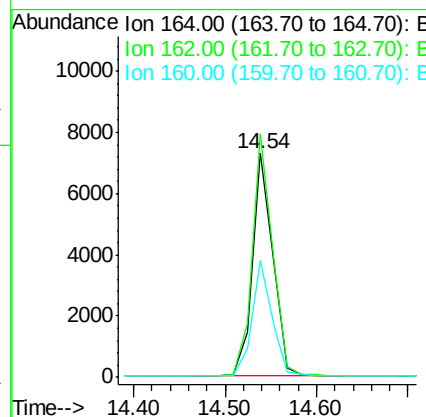
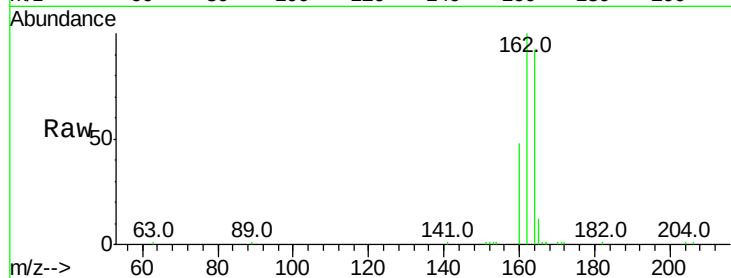




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.54 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

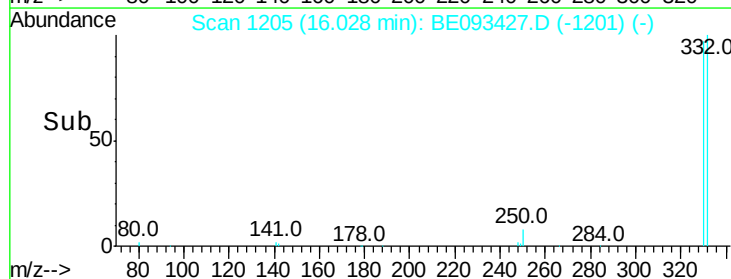
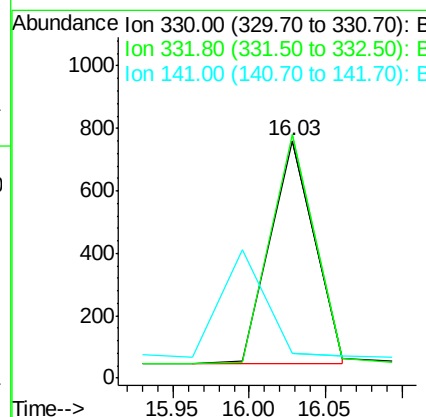
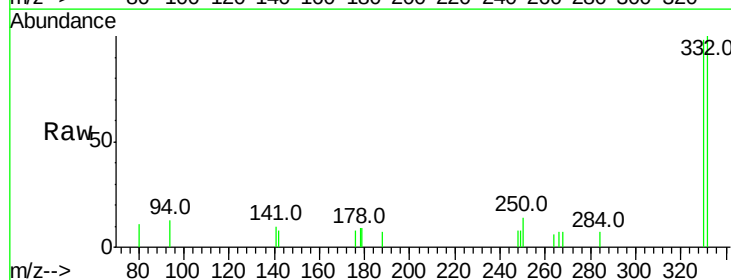
Instrument :
 BNA_E
 ClientSampleId :

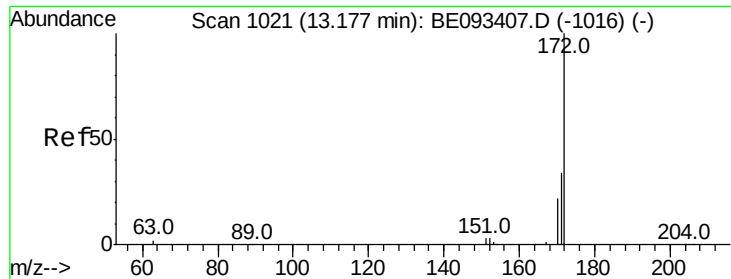
Tot Ion:164 Resp: 11234
 Ion Ratio Lower Upper
 164 100
 162 108.6 84.6 127.0
 160 51.9 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093427.D
 Acq: 6 Jul 2017 10:29

Tgt Ion:330 Resp: 1437
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.7 116.5
 141 0.0 56.2 84.4#

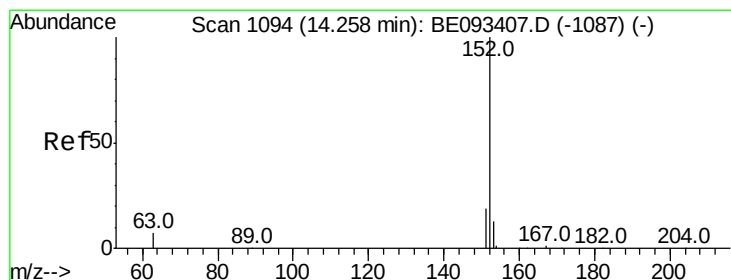
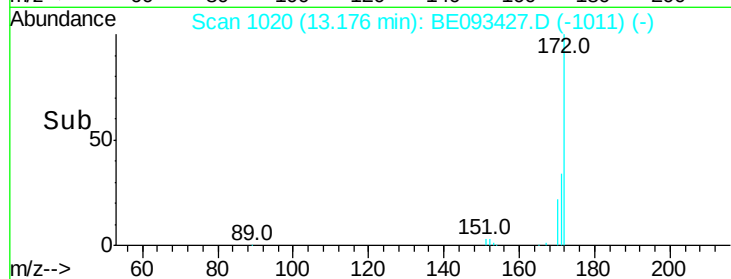
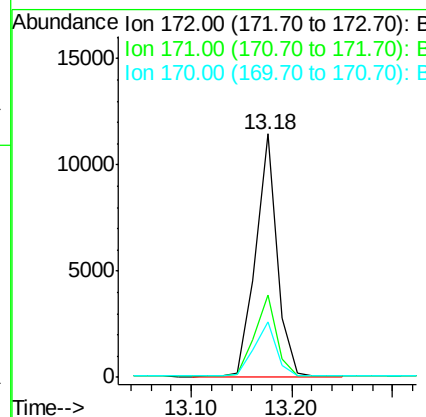
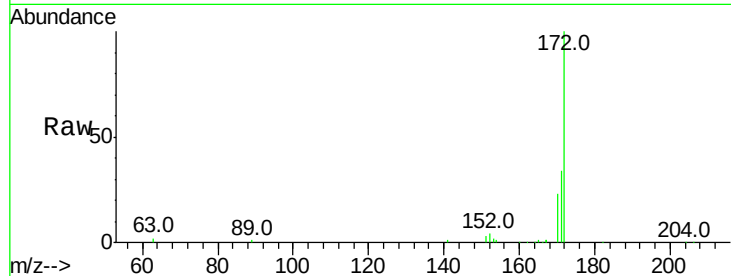




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

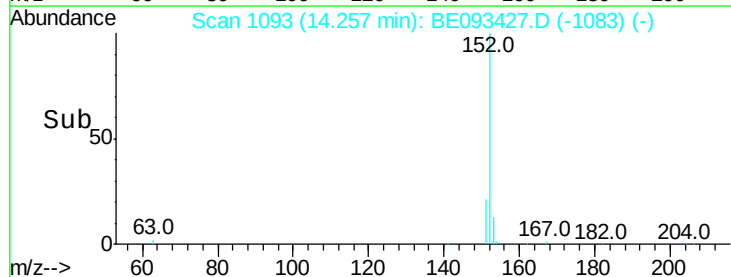
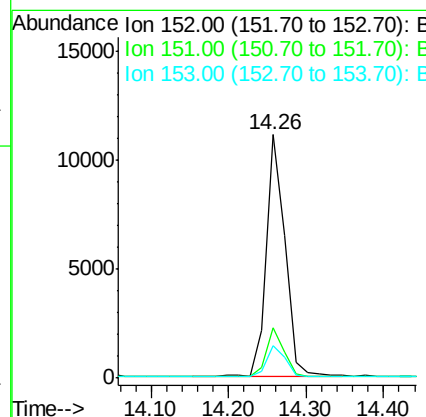
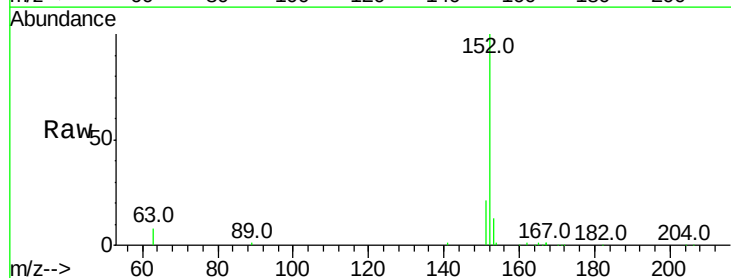
Instrument :
BNA_E
ClientSampleId :

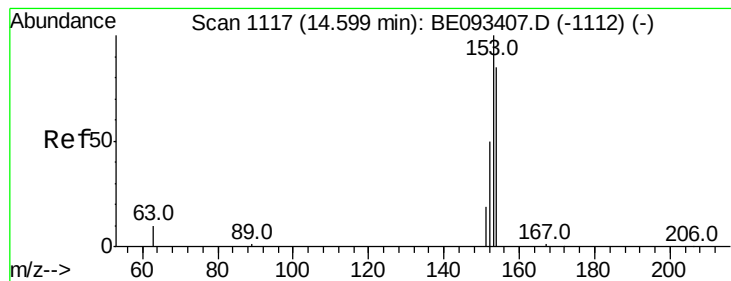
Tot Ion:172 Resp: 16960
Ion Ratio Lower Upper
172 100
171 34.1 29.8 44.6
170 22.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:152 Resp: 18657
Ion Ratio Lower Upper
152 100
151 19.2 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.60 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

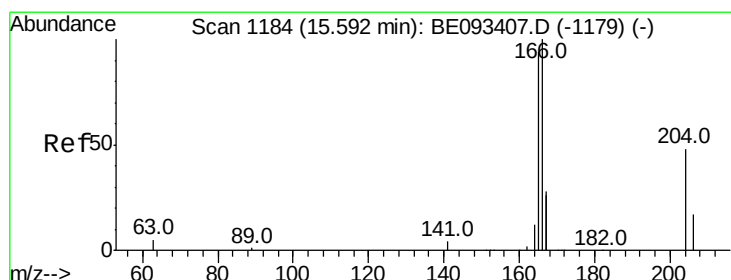
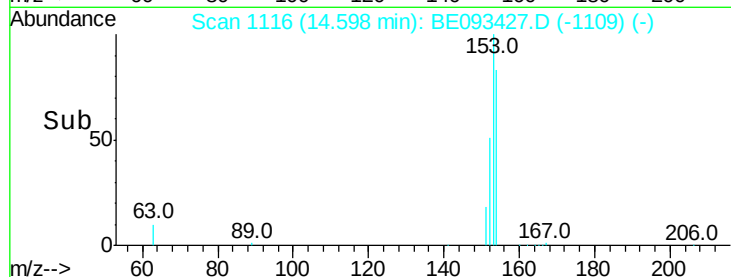
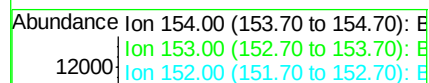
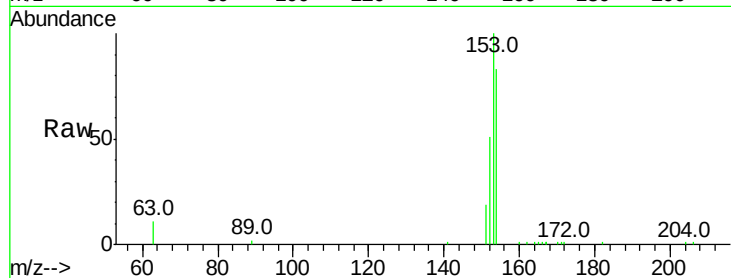
Tot Ion:154 Resp: 13250

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

152 56.4 44.8 67.2



#18

Fluorene

Concen: 0.37 ng

RT: 15.59 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

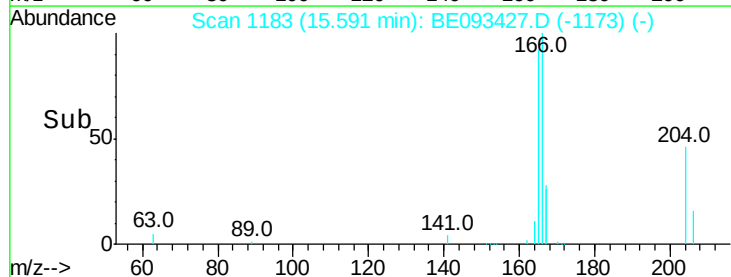
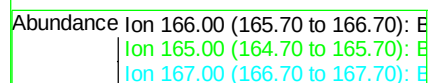
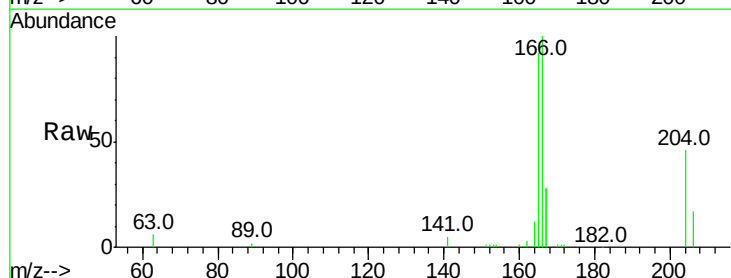
Tgt Ion:166 Resp: 17504

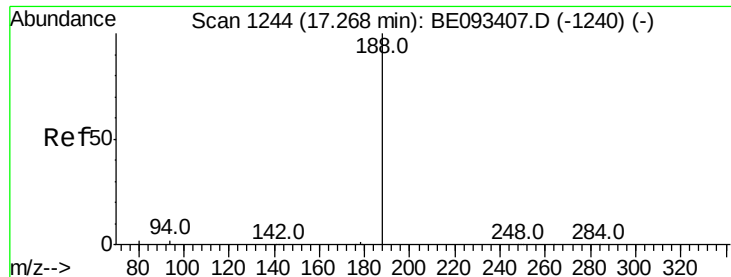
Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

167 53.0 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: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

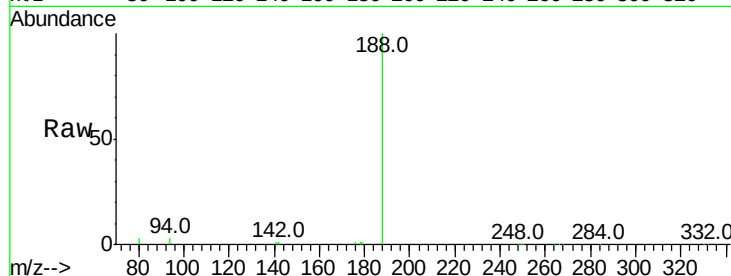
Tot Ion:188 Resp: 33051

Ion Ratio Lower Upper

188 100

94 3.3 11.3 16.9#

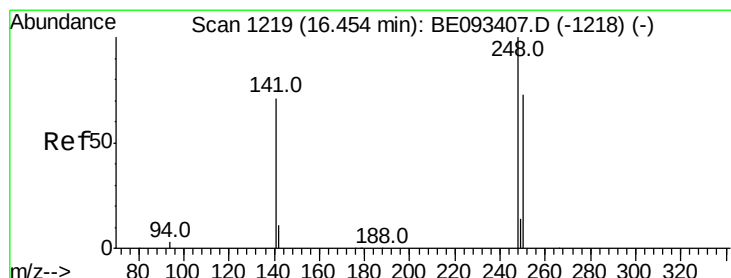
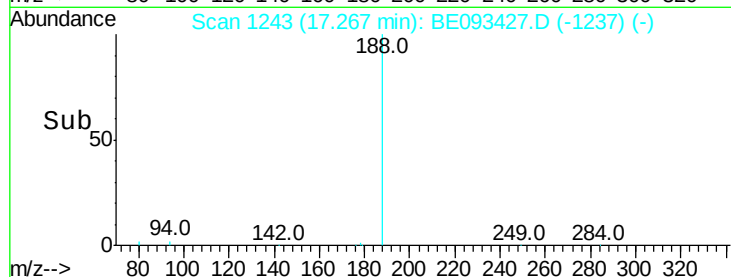
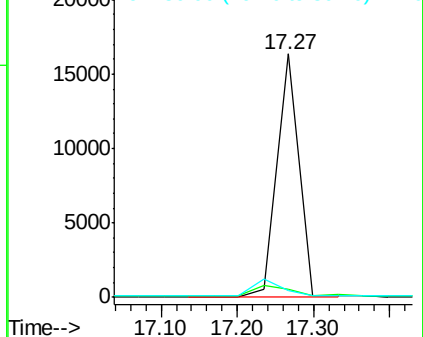
80 2.6 11.7 17.5#



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: 0.34 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

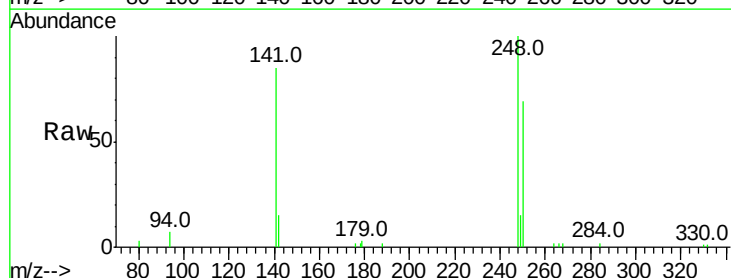
Tgt Ion:248 Resp: 6179

Ion Ratio Lower Upper

248 100

250 68.6 40.8 61.2#

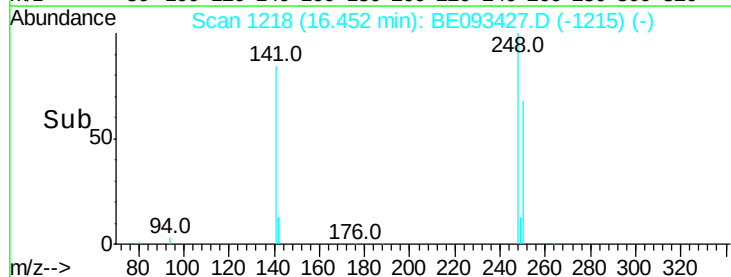
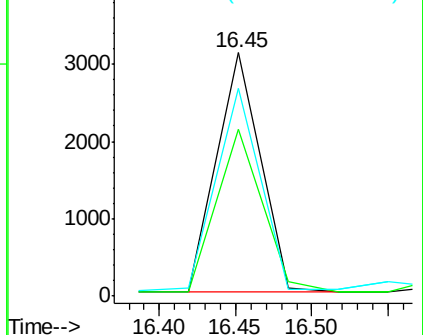
141 85.1 161.6 242.4#

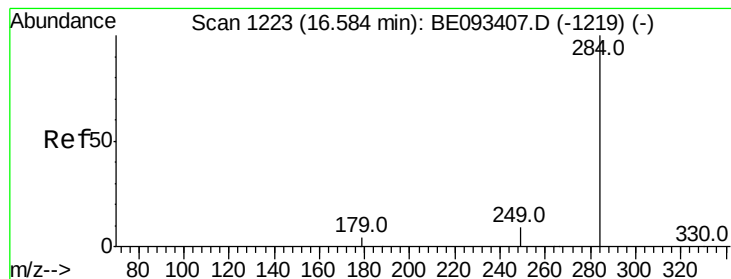


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.38 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

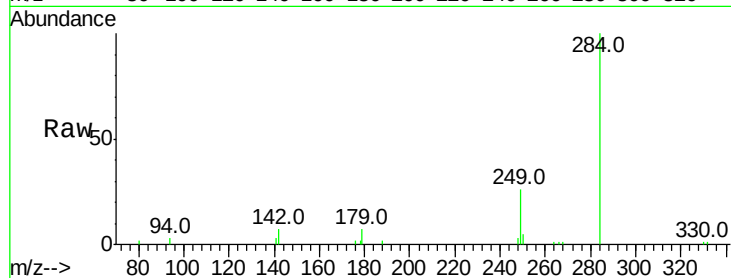
Tot Ion:284 Resp: 7467

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

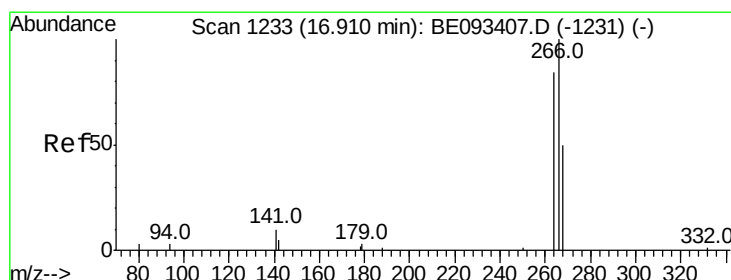
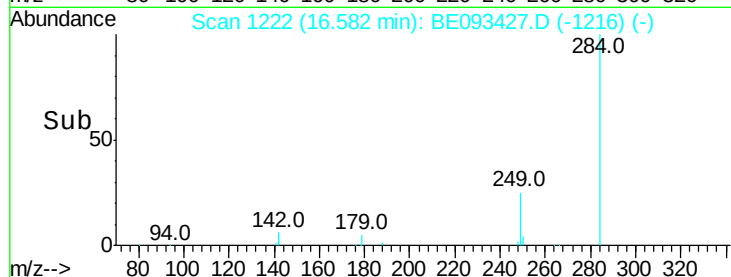
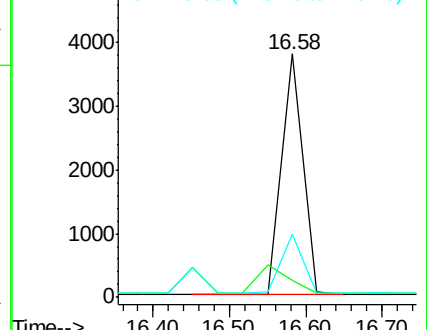
249 25.2 0.0 0.0#



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: 0.36 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

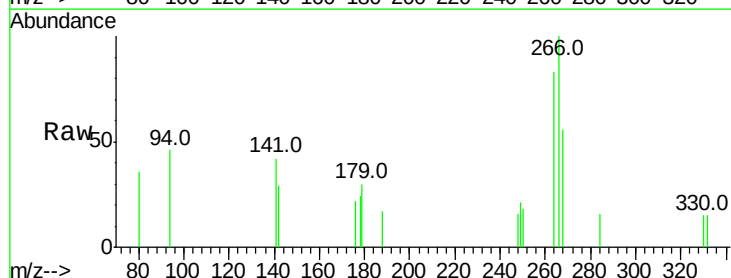
Tgt Ion:266 Resp: 931

Ion Ratio Lower Upper

266 100

264 83.0 58.2 87.2

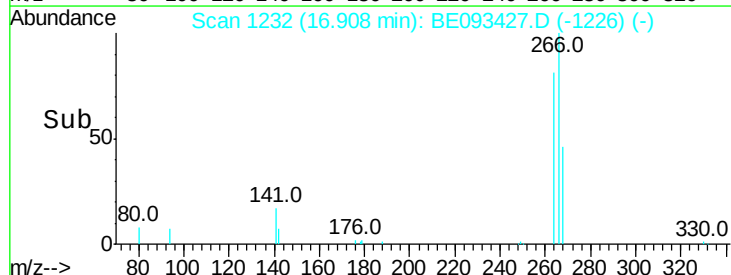
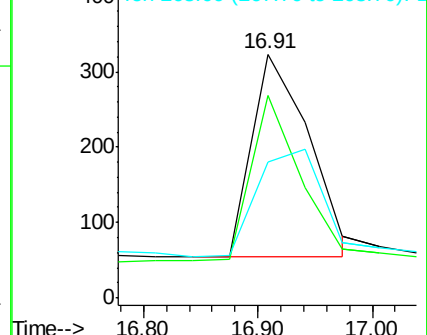
268 55.7 71.9 107.9#

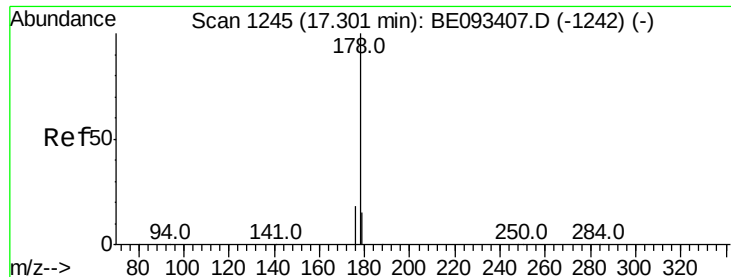


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.37 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampled :

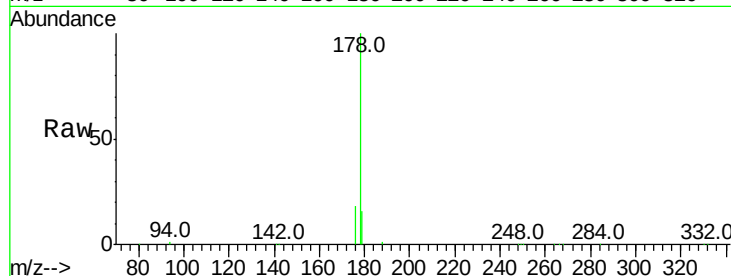
Tot Ion:178 Resp: 44439

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

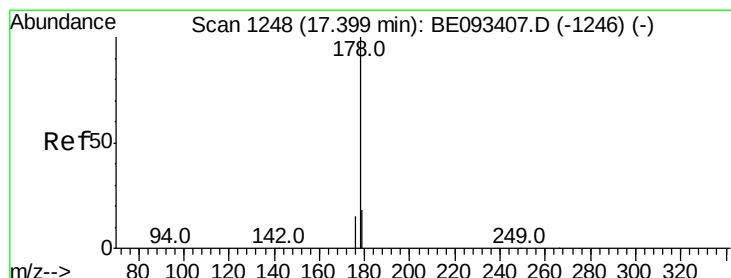
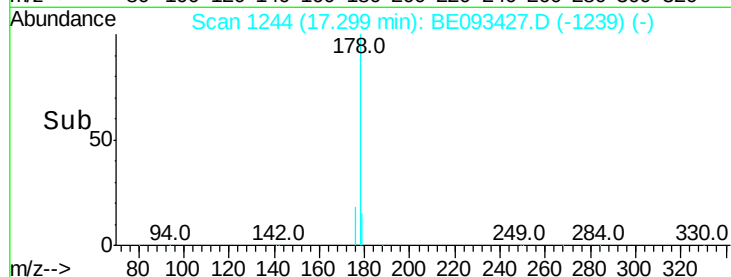
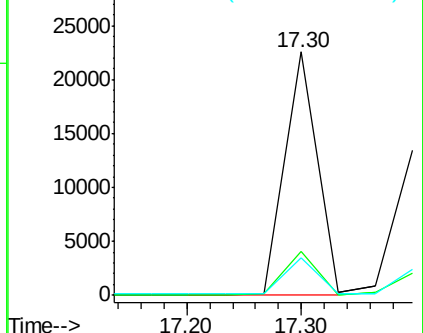
179 15.3 12.7 19.1



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: 0.36 ng

RT: 17.40 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

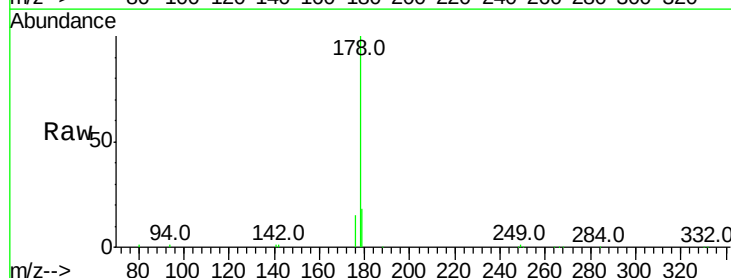
Tgt Ion:178 Resp: 26243

Ion Ratio Lower Upper

178 100

176 15.0 14.6 22.0

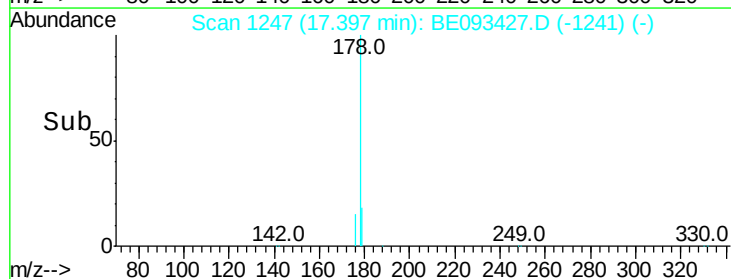
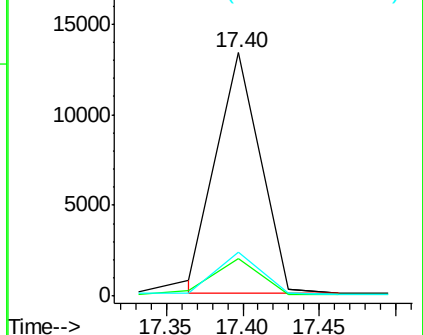
179 17.5 12.0 18.0

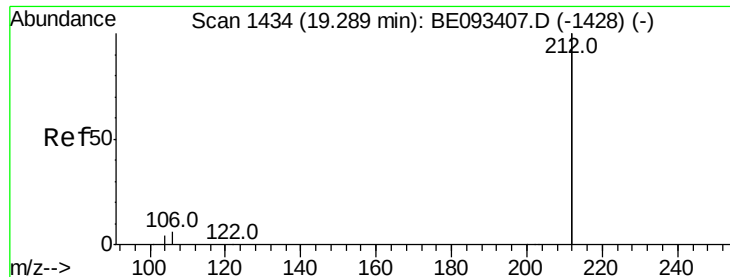


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.35 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

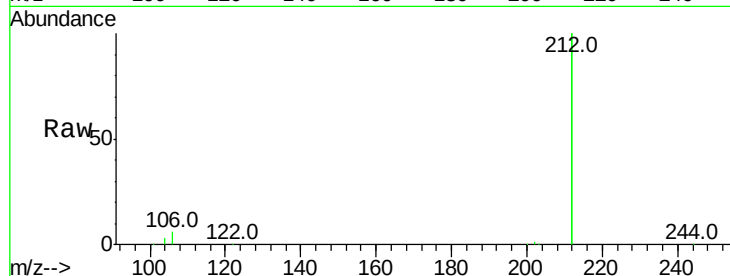
Tot Ion:212 Resp: 140685

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

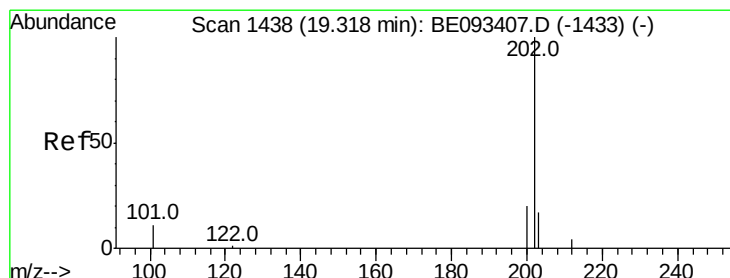
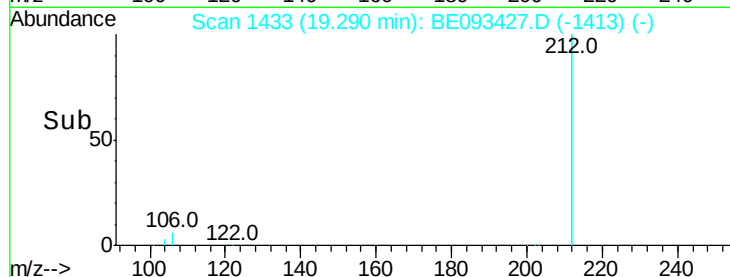
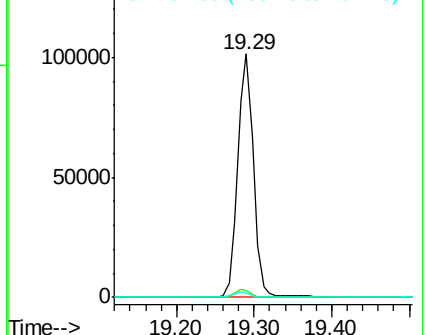
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.35 ng

RT: 19.32 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

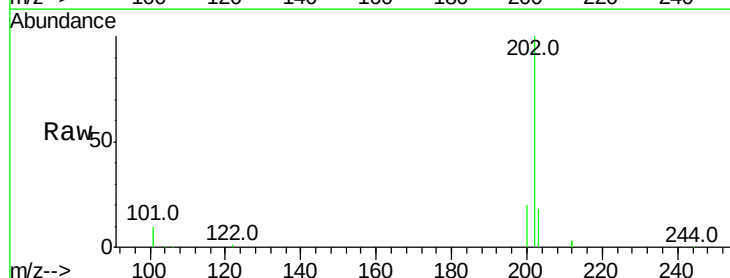
Tgt Ion:202 Resp: 40052

Ion Ratio Lower Upper

202 100

101 11.8 9.6 14.4

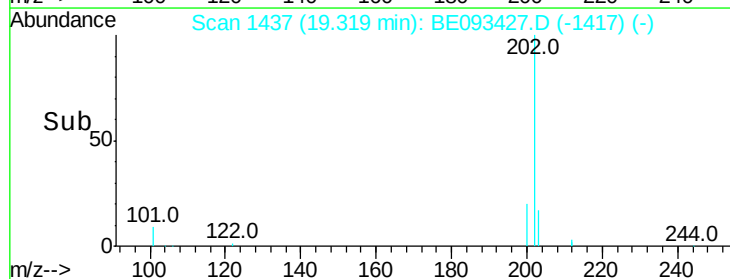
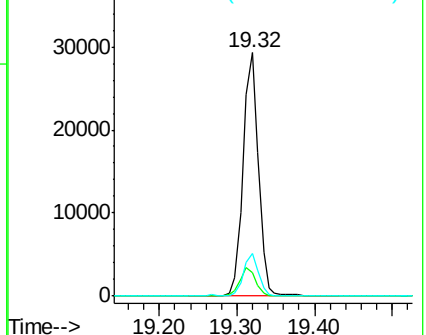
203 16.8 14.4 21.6

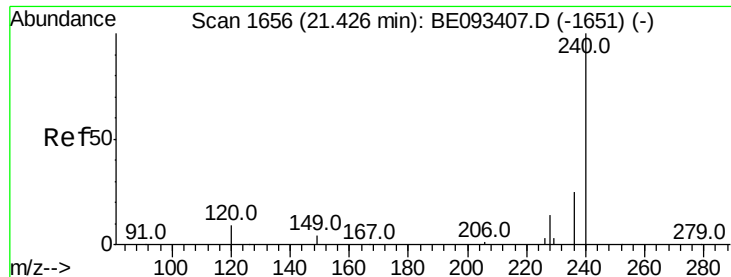


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1655

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

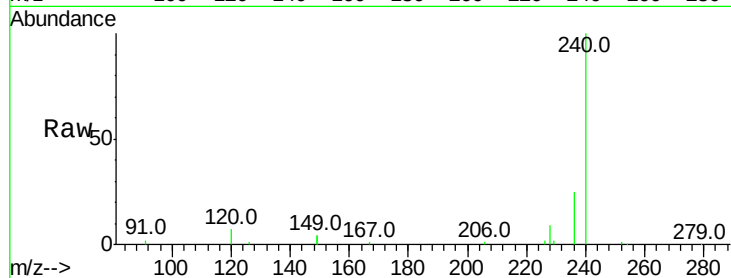
Tot Ion:240 Resp: 36968

Ion Ratio Lower Upper

240 100

120 7.4 4.6 7.0#

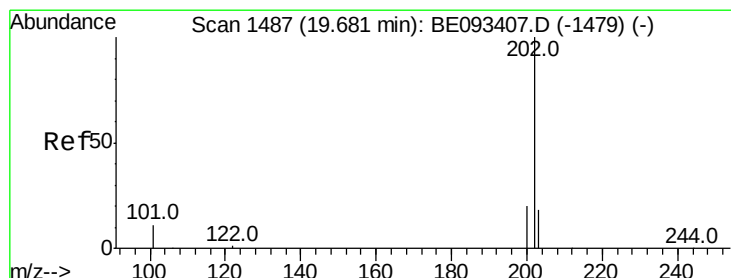
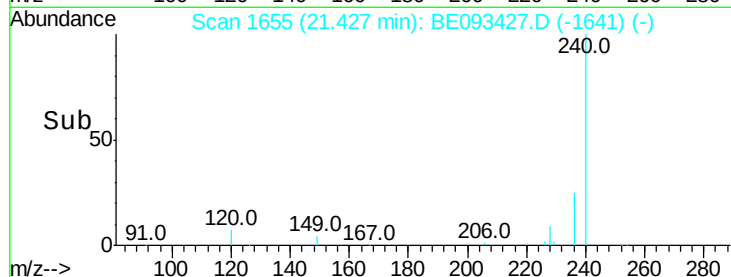
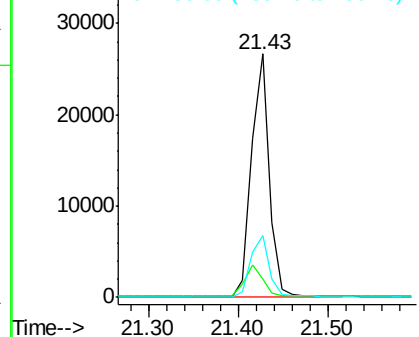
236 25.5 20.8 31.2



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: 0.39 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

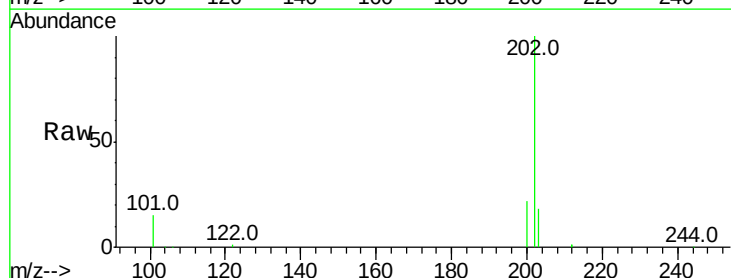
Tgt Ion:202 Resp: 40694

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

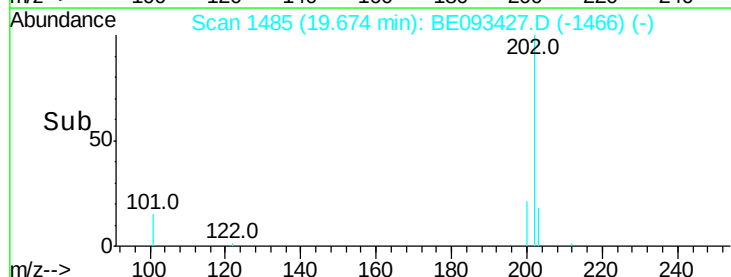
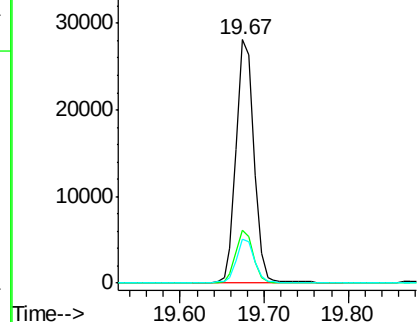
203 17.8 13.7 20.5

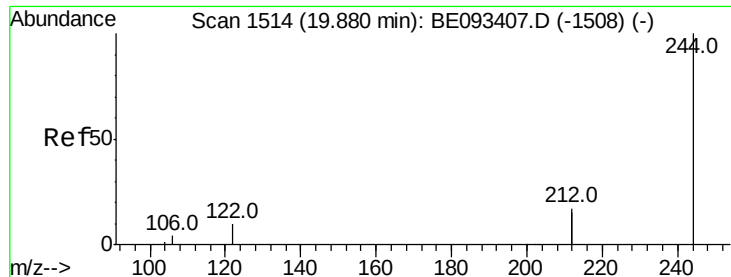


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

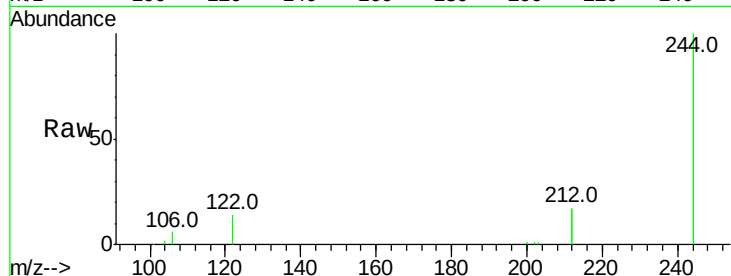
Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampled :



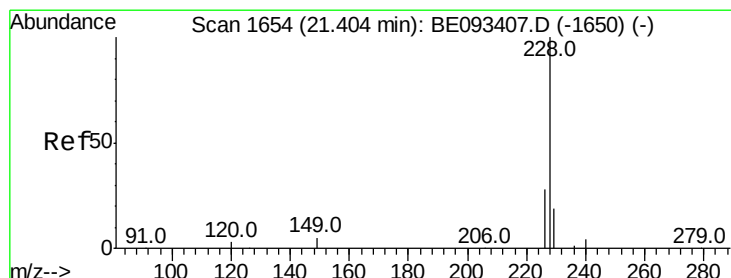
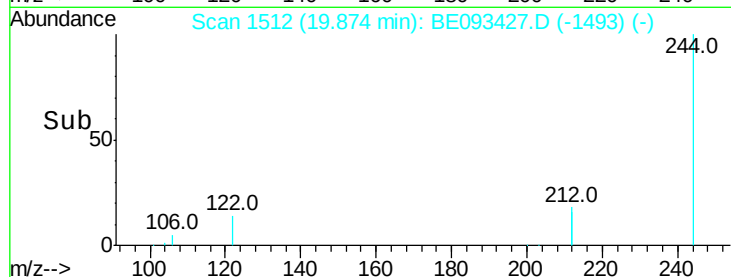
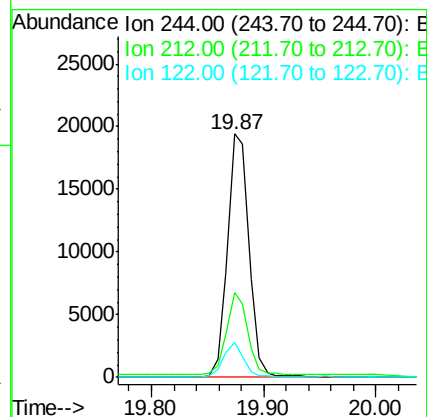
Tot Ion:244 Resp: 25634

Ion Ratio Lower Upper

244 100

212 34.9 10.6 16.0#

122 14.1 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.41 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

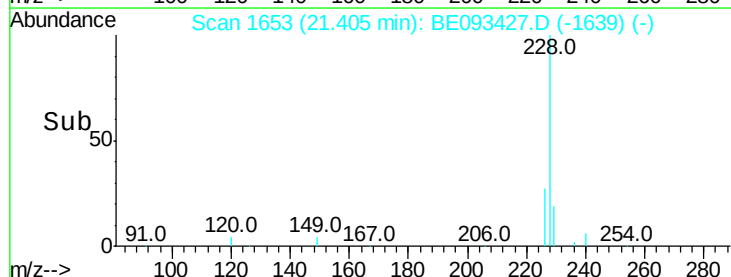
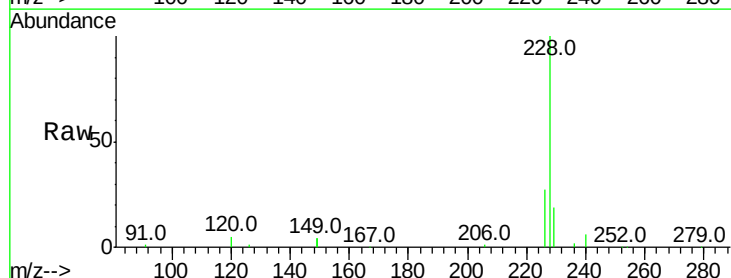
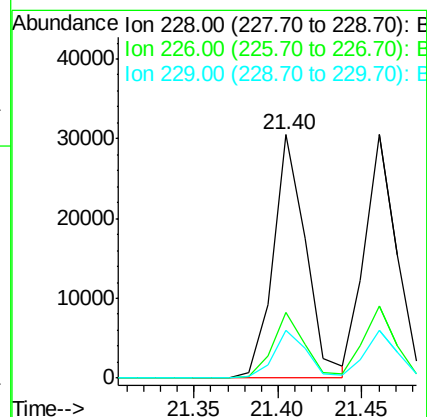
Tgt Ion:228 Resp: 40992

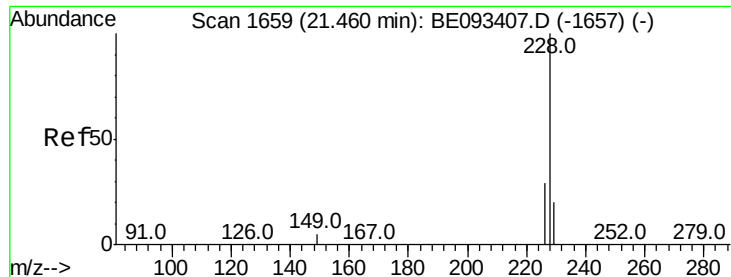
Ion Ratio Lower Upper

228 100

226 27.1 19.7 29.5

229 19.4 19.2 28.8





#31

Chrysene

Concen: 0.39 ng

RT: 21.46 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

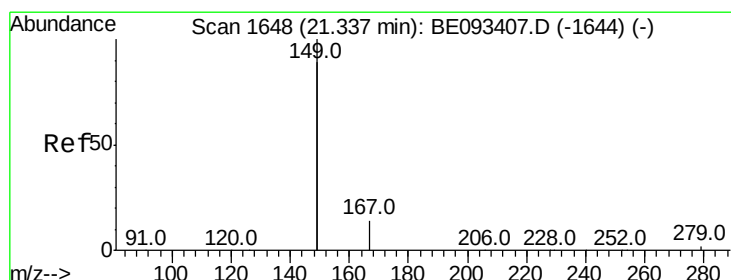
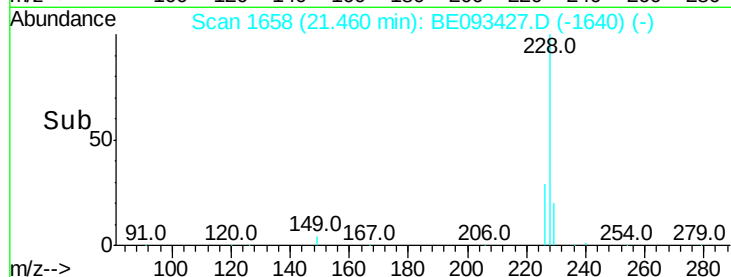
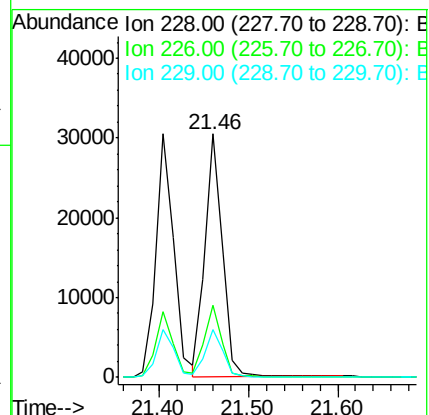
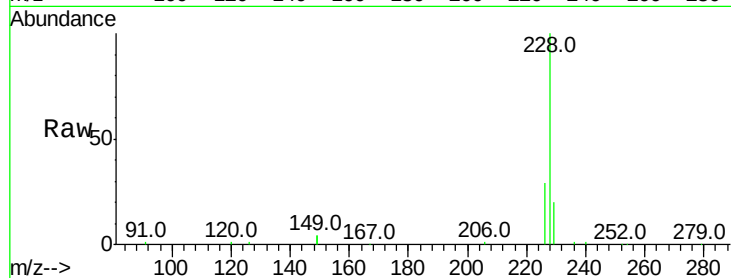
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 40618

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.5	32.3
229	19.9	18.6	28.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.47 ng

RT: 21.33 min Scan# 1646

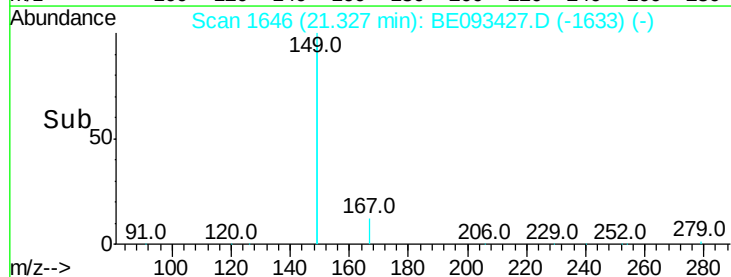
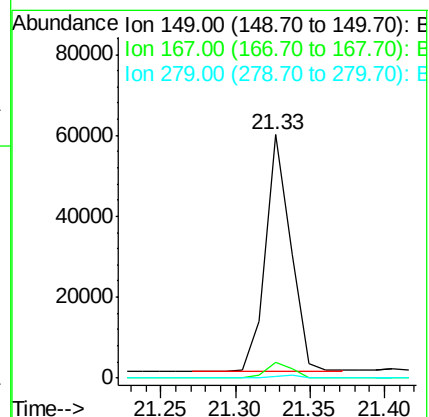
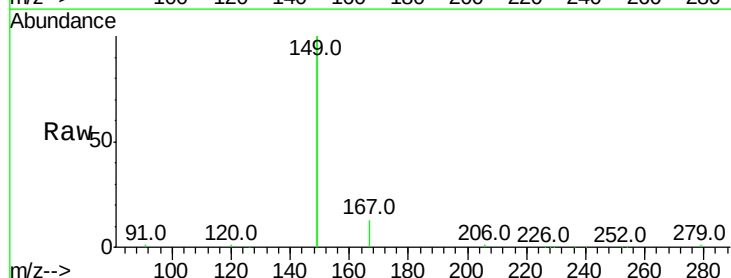
Delta R.T. -0.01 min

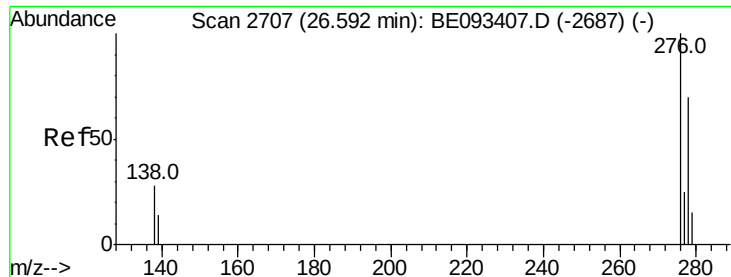
Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Tgt Ion:149 Resp: 68069

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng

RT: 26.58 min Scan# 2703

Delta R.T. -0.01 min

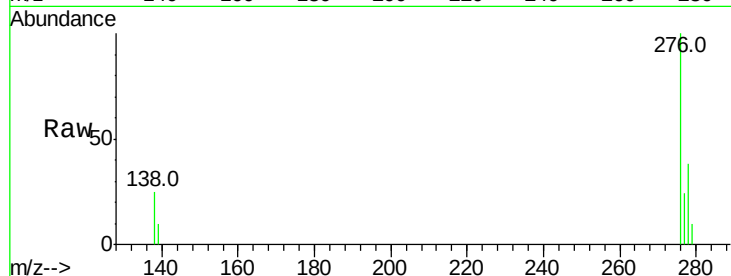
Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :



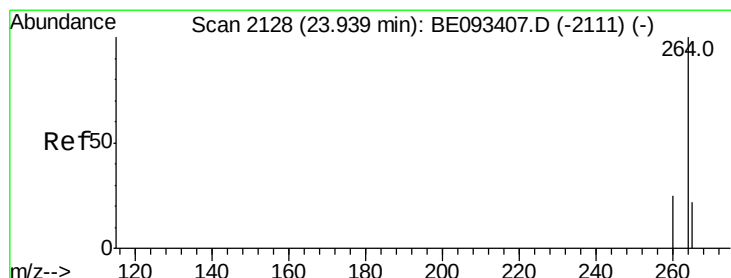
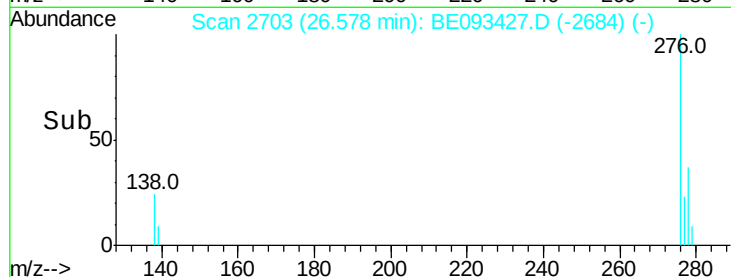
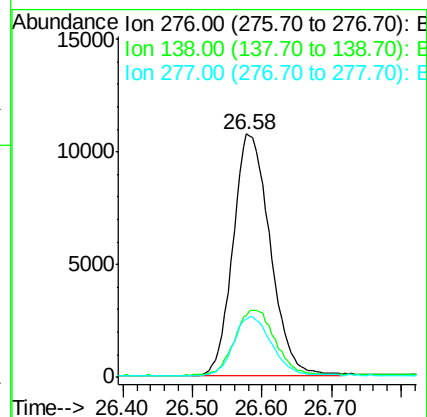
Tot Ion:276 Resp: 39772

Ion Ratio Lower Upper

276 100

138 29.1 27.4 41.2

277 24.8 20.1 30.1



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

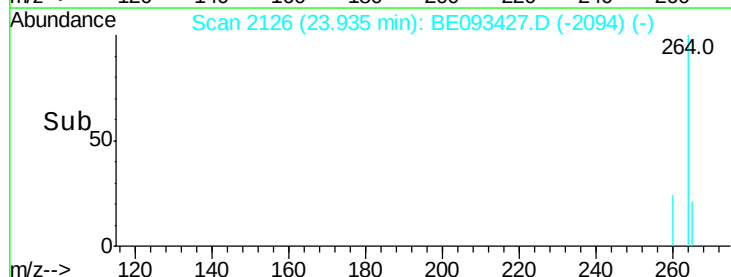
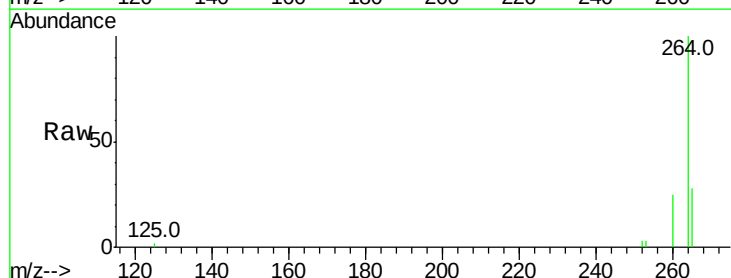
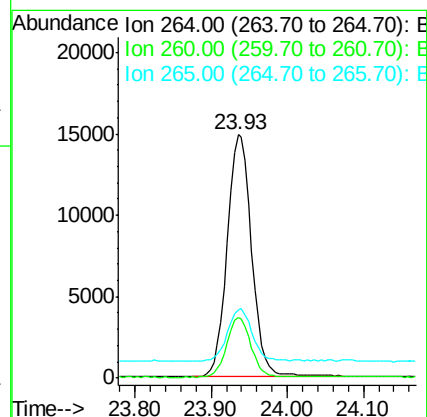
Tgt Ion:264 Resp: 33377

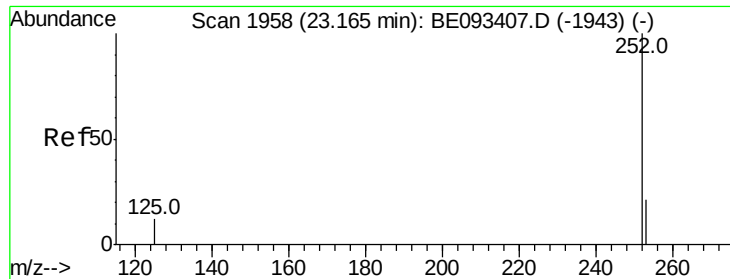
Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

265 27.8 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.17 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :

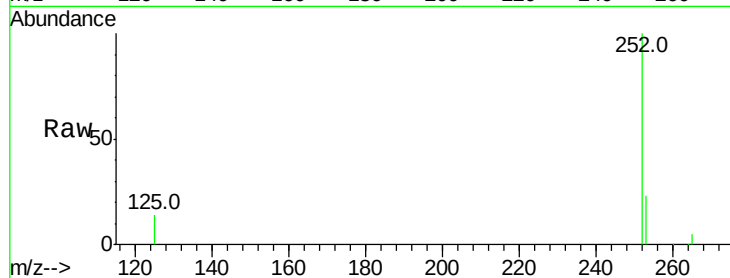
Tot Ion:252 Resp: 39401

Ion Ratio Lower Upper

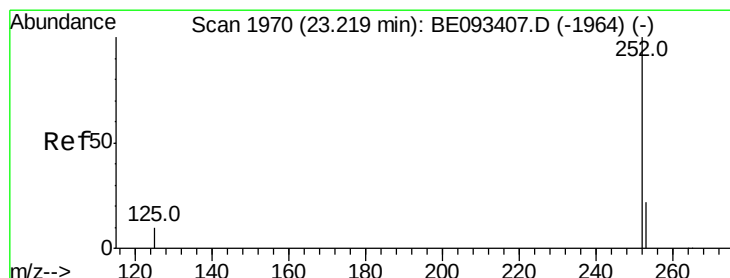
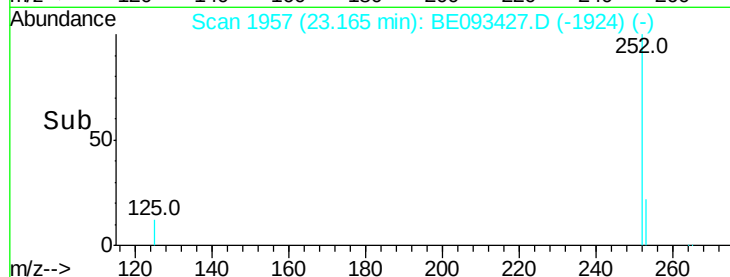
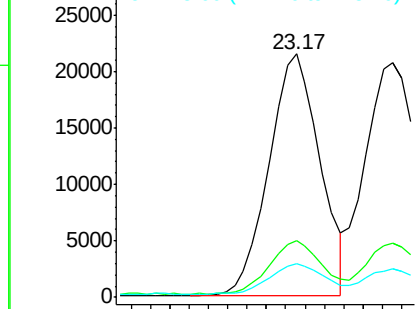
252 100

253 23.1 18.5 27.7

125 13.7 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: 0.37 ng

RT: 23.22 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

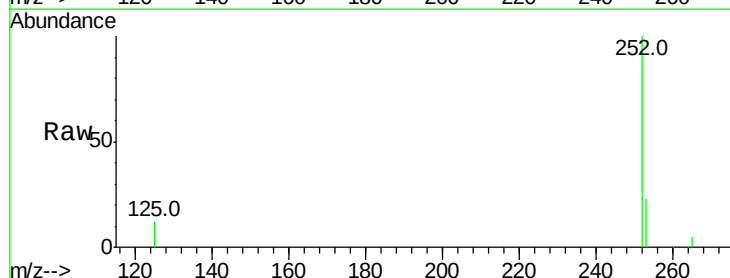
Tgt Ion:252 Resp: 39878

Ion Ratio Lower Upper

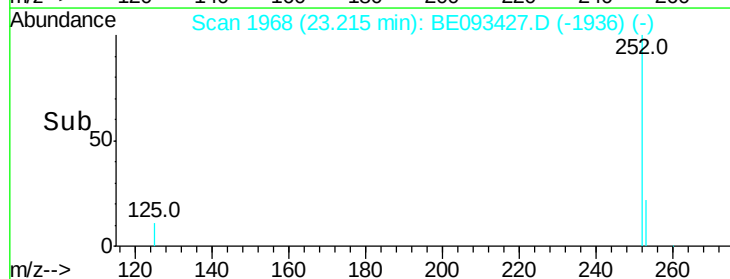
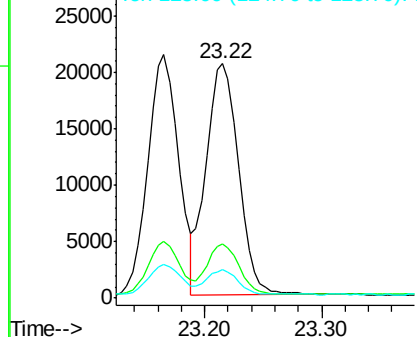
252 100

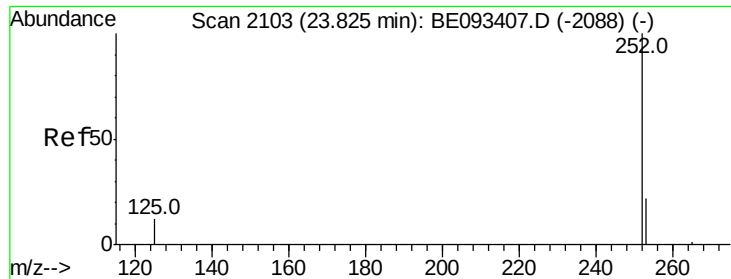
253 23.0 20.3 30.5

125 12.4 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

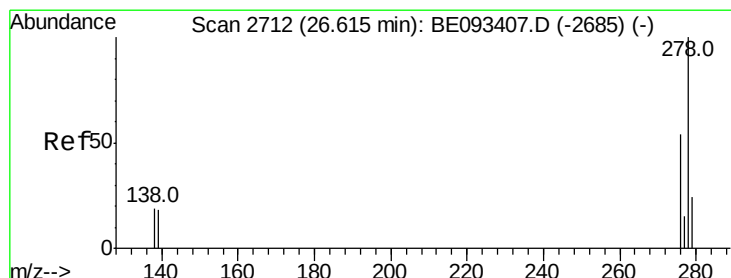
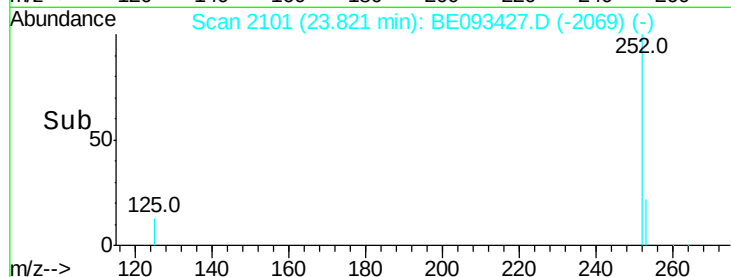
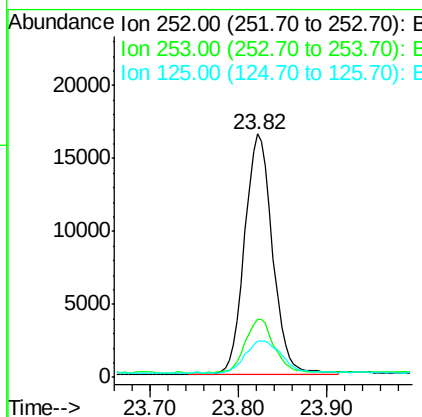
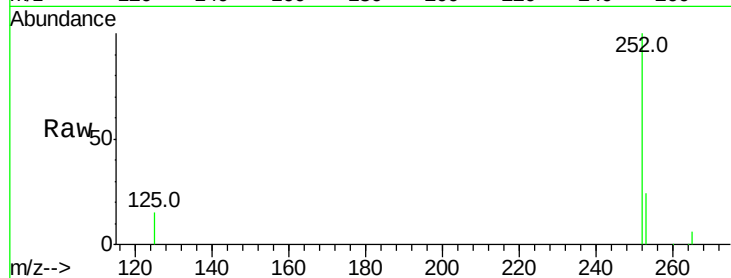




#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

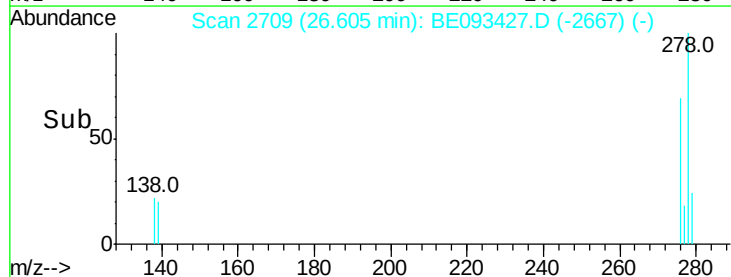
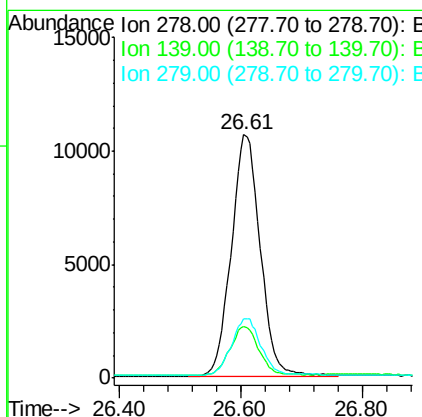
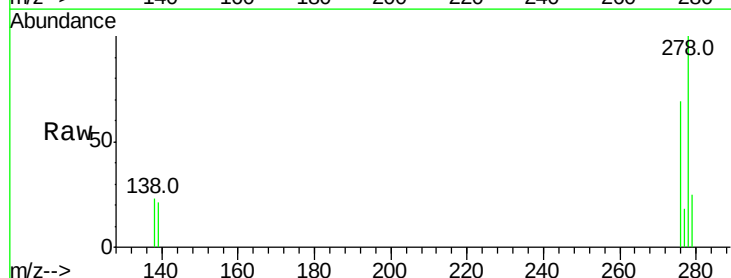
Instrument :
BNA_E
ClientSampleId :

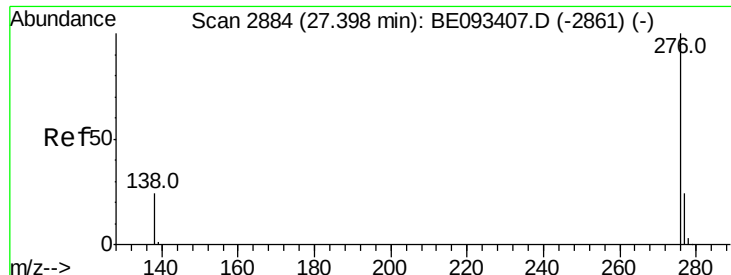
Tot Ion:252 Resp: 36257
Ion Ratio Lower Upper
252 100
253 23.6 19.9 29.9
125 15.1 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.61 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:278 Resp: 35486
Ion Ratio Lower Upper
278 100
139 21.0 21.4 32.0#
279 24.5 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.38 ng

RT: 27.40 min Scan# 2884

Delta R.T. 0.00 min

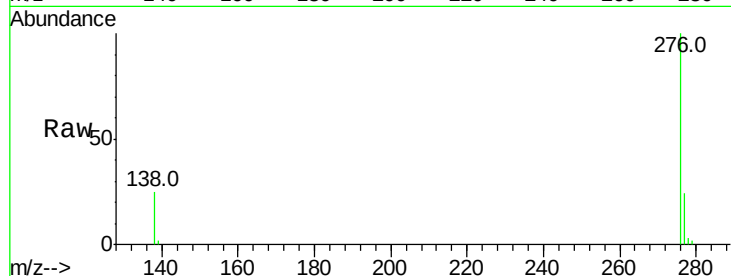
Lab File: BE093427.D

Acq: 6 Jul 2017 10:29

Instrument :

BNA_E

ClientSampleId :



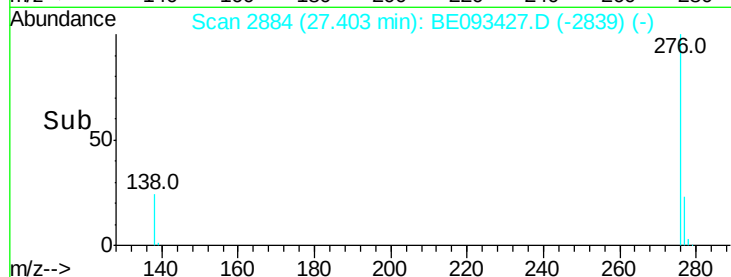
Tot Ion:276 Resp: 35515

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 24.6 24.5 36.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

