

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070317\
 Data File : BE093423.D
 Acq On : 3 Jul 2017 11:11
 Operator : SJ/JU
 Sample : I3842-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-001MSD

Quant Time: Jul 04 04:52:05 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	3695	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	17881	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9562	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	24868	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36024	0.40	ng	0.00
34) Perylene-d12	23.94	264	34018	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	5350	0.48	ng	0.00
5) Phenol-d6	7.10	99	7554	0.46	ng	0.00
8) Nitrobenzene-d5	9.08	82	5925	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	8480	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1285	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12016	0.32	ng	0.00
25) Fluoranthene-d10	19.29	212	85313	0.28	ng	0.00
29) Terphenyl-d14	19.88	244	15418	0.24	ng	0.00

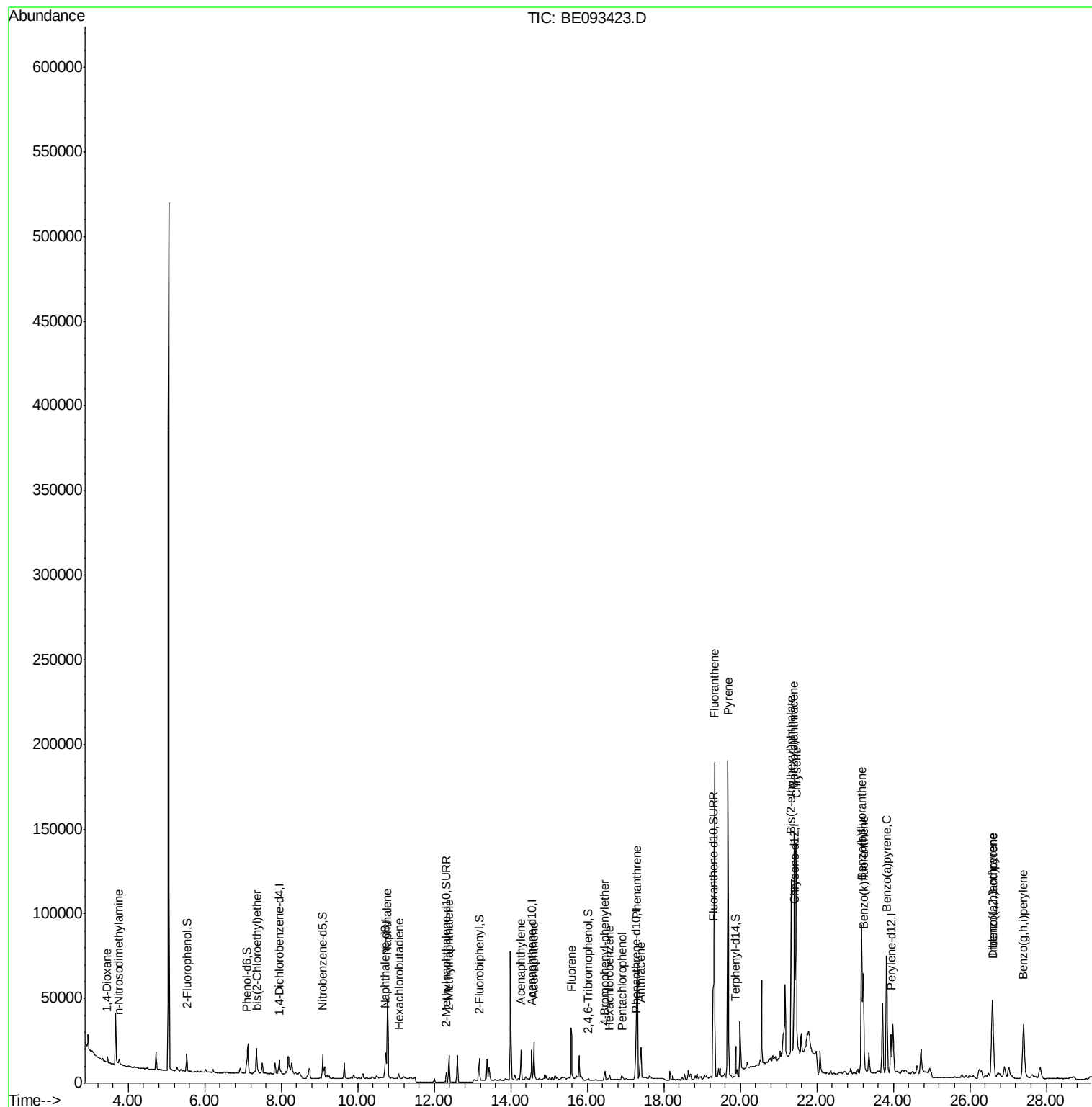
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	2038	0.261	ng	# 61
3) n-Nitrosodimethylamine	3.75	42	2407	0.545	ng	# 97
6) bis(2-Chloroethyl)ether	7.36	93	4973	0.402	ng	# 99
9) Naphthalene	10.77	128	74559	0.398	ng	# 73
10) Hexachlorobutadiene	11.08	225	2137	0.301	ng	98
12) 2-Methylnaphthalene	12.38	142	11590	0.368	ng	99
16) Acenaphthylene	14.26	152	21886	0.549	ng	# 87
17) Acenaphthene	14.60	154	11860	0.407	ng	97
18) Fluorene	15.59	166	16089	0.402	ng	# 83
20) 4-Bromophenyl-phenylether	16.45	248	3988	0.292	ng	# 30
21) Hexachlorobenzene	16.58	284	3919	0.266	ng	# 100
22) Pentachlorophenol	16.91	266	2394	1.143	ng	# 74
23) Phenanthrene	17.30	178	101423	1.122	ng	99
24) Anthracene	17.40	178	27758	0.501	ng	94
26) Fluoranthene	19.32	202	170721	2.009	ng	99
28) Pyrene	19.67	202	178216	1.760	ng	# 90
30) Benzo(a)anthracene	21.40	228	121350	1.248	ng	93
31) Chrysene	21.46	228	124700	1.226	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	126551	0.904	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	79282	0.888	ng	# 91
35) Benzo(b)fluoranthene	23.17	252	143231	1.304	ng	96
36) Benzo(k)fluoranthene	23.21	252	76801m	0.707	ng	
37) Benzo(a)pyrene	23.82	252	113484	1.179	ng	96
38) Dibenzo(a,h)anthracene	26.60	278	34554	0.370	ng	99
39) Benzo(g,h,i)perylene	27.40	276	78032	0.827	ng	94

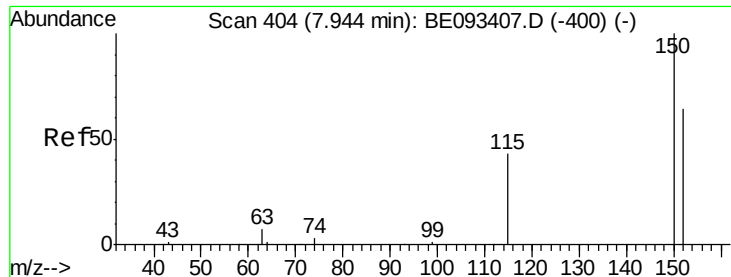
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

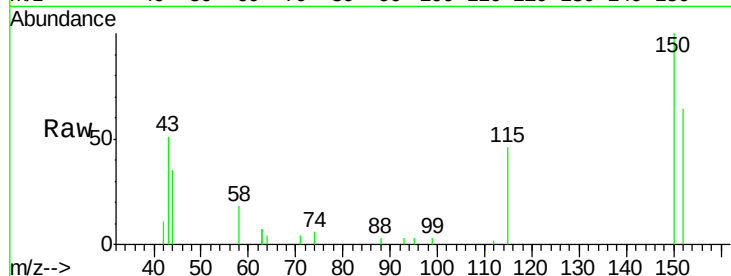
Tgt Ion:152 Resp: 3695

Ion Ratio Lower Upper

152 100

150 156.6 125.1 187.7

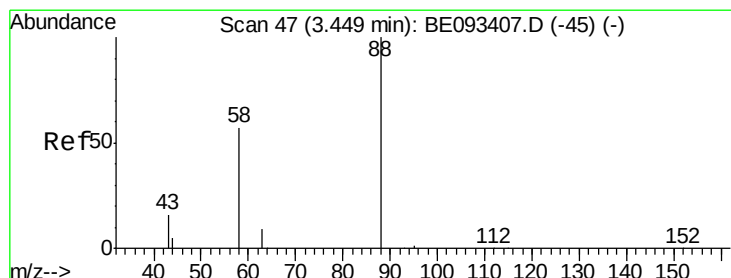
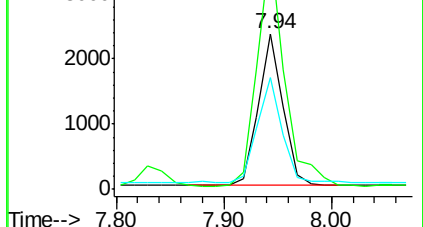
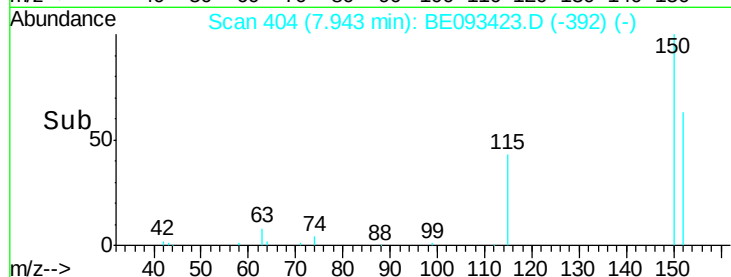
115 71.8 55.7 83.5



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: 0.261 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

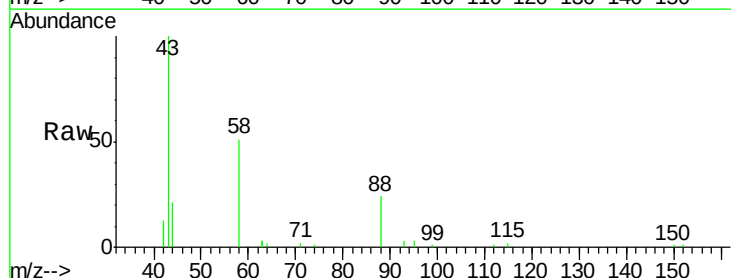
Tgt Ion: 88 Resp: 2038

Ion Ratio Lower Upper

88 100

58 106.5 62.2 93.4#

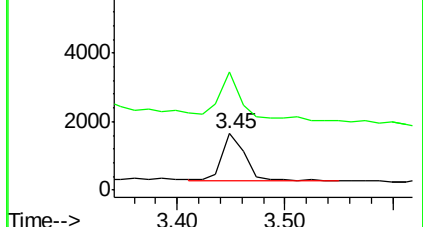
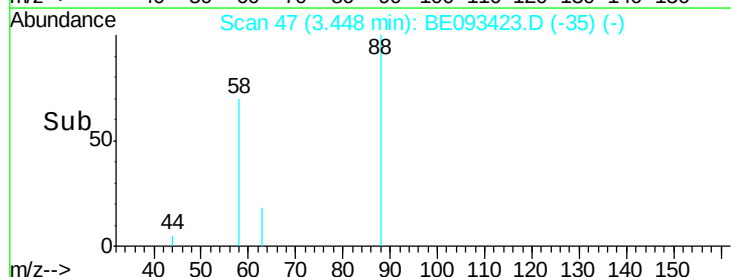
43 0.0 23.2 34.8#

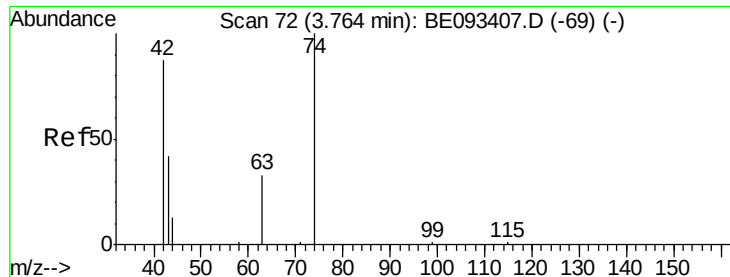


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.545 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.01 min

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Acq: 3 Jul 2017 11:11

Instrument :

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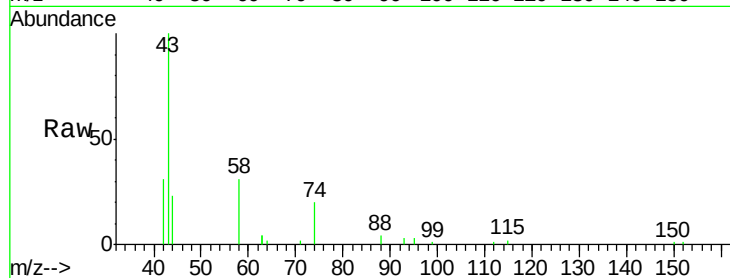
Tgt Ion: 42 Resp: 2407

Ion Ratio Lower Upper

42 100

74 125.5 99.1 148.7

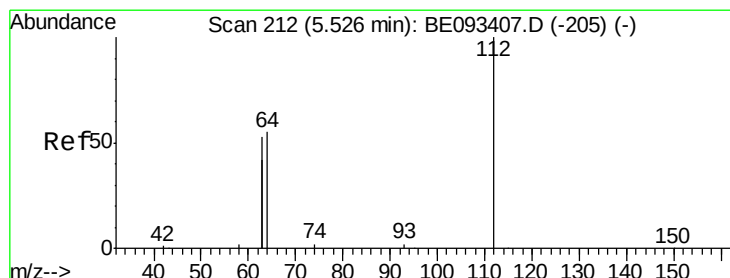
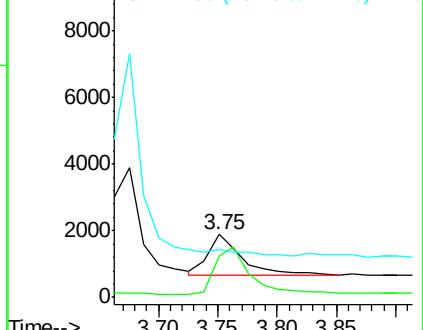
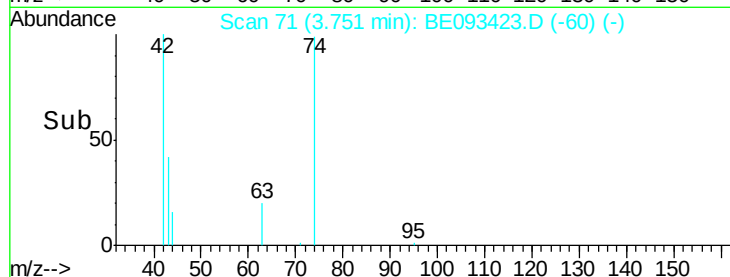
44 0.0 7.4 11.2#



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: 0.480 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

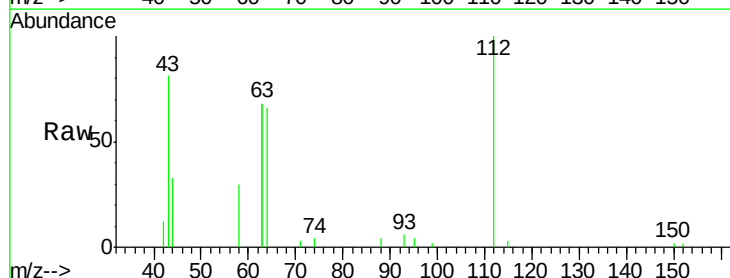
Tgt Ion: 112 Resp: 5350

Ion Ratio Lower Upper

112 100

64 65.9 56.4 84.6

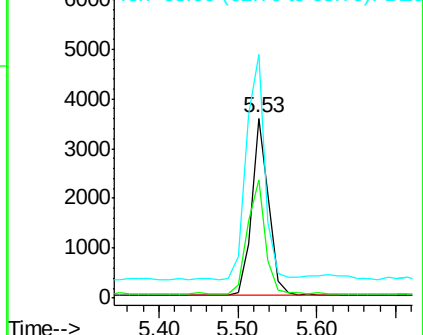
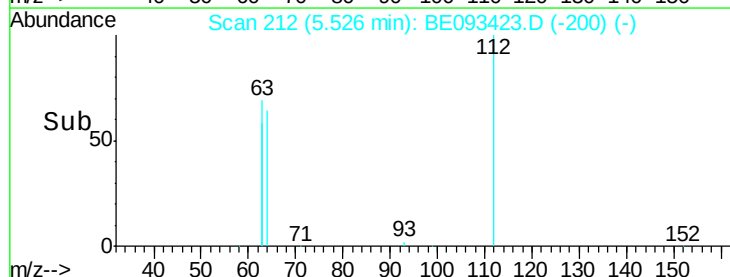
63 137.1 29.3 43.9#

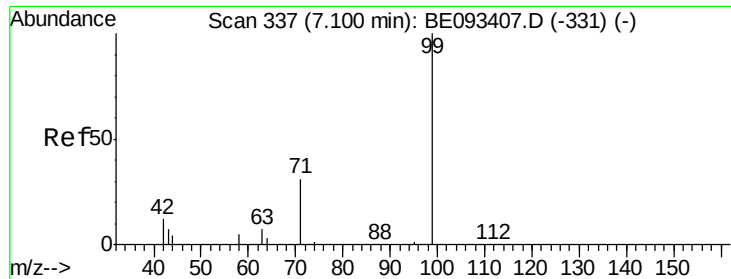


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.459 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

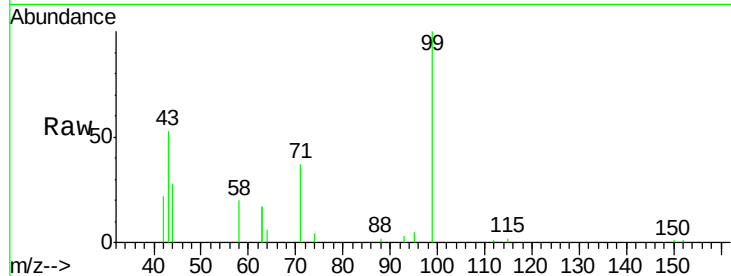
Tgt Ion: 99 Resp: 7554

Ion Ratio Lower Upper

99 100

42 25.2 0.0 0.0#

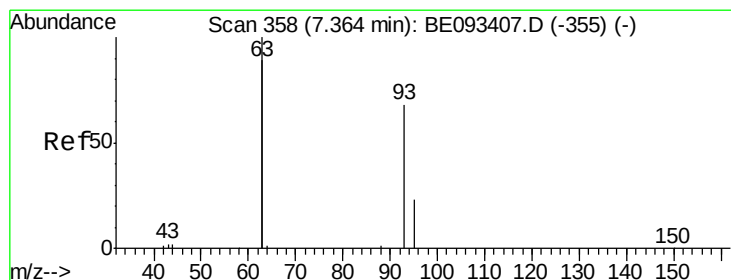
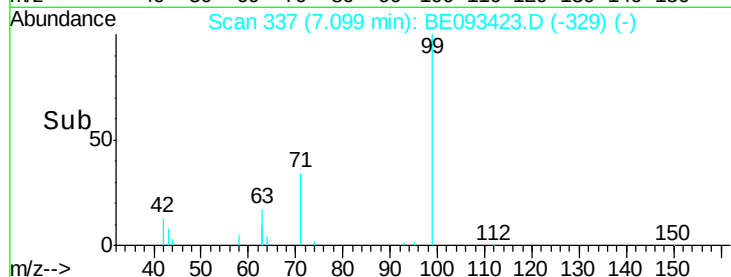
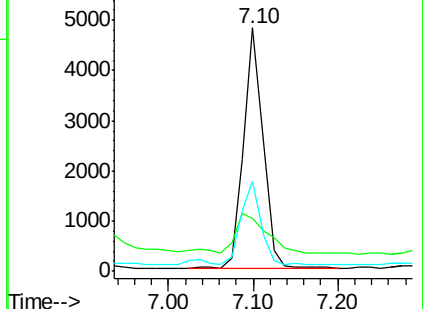
71 36.3 0.0 0.0#



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: 0.402 ng

RT: 7.36 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

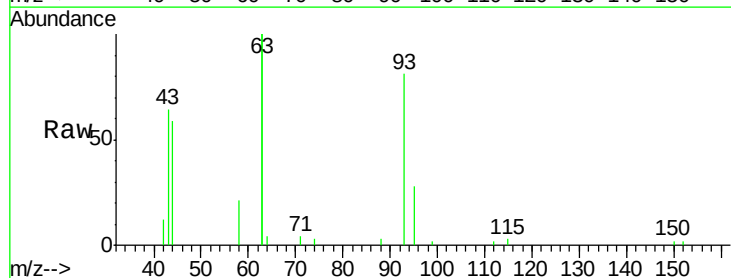
Tgt Ion: 93 Resp: 4973

Ion Ratio Lower Upper

93 100

63 323.5 0.0 0.0#

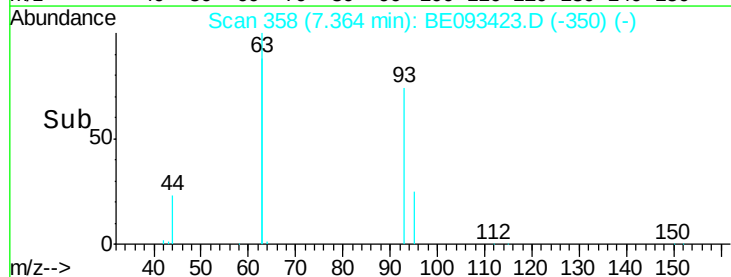
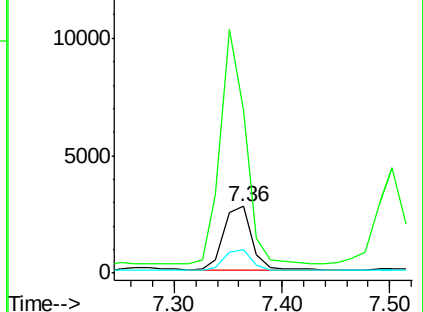
95 32.3 25.4 38.0

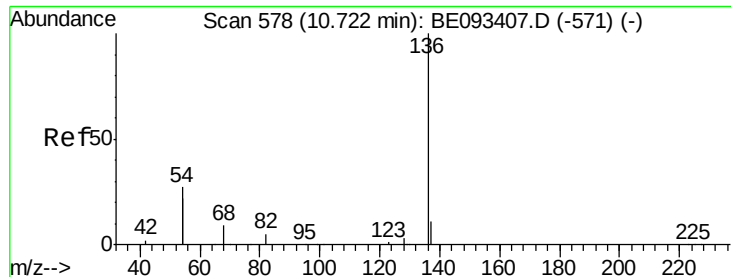


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

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ClientSampleId :

NC-TS-001MSD

Tgt Ion: 136 Resp: 17881

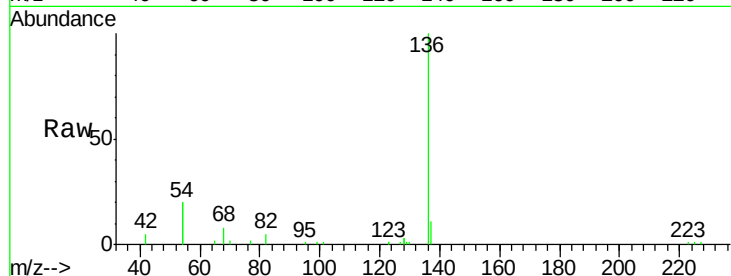
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 40.8 10.3 15.5#

68 8.2 9.0 13.4#

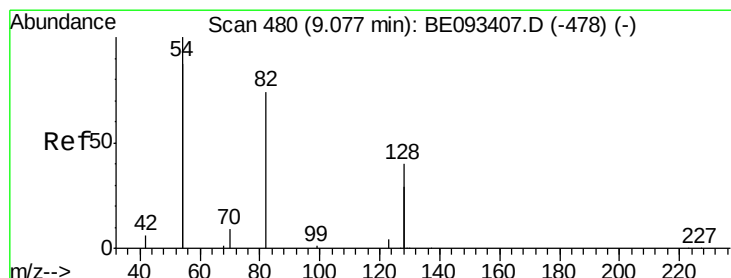
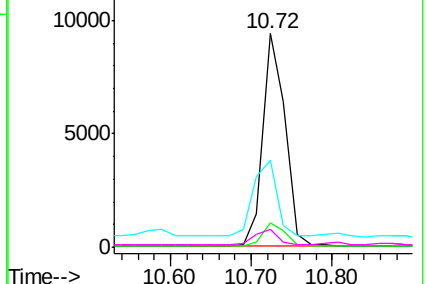
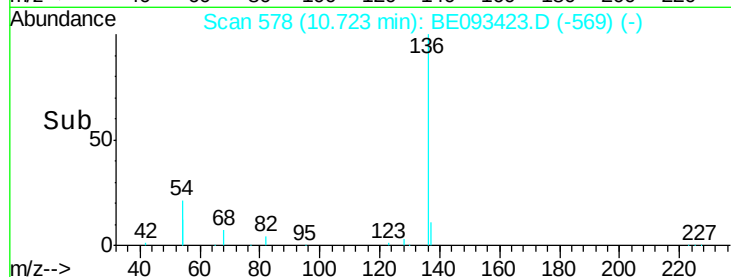


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.519 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

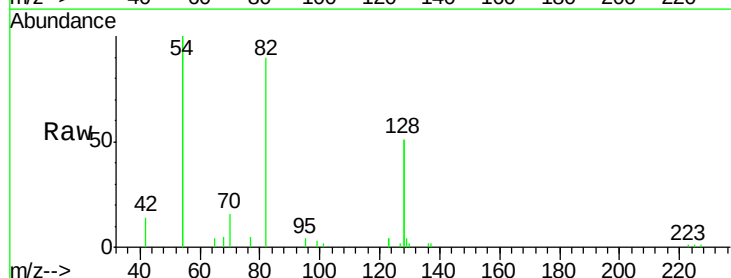
Tgt Ion: 82 Resp: 5925

Ion Ratio Lower Upper

82 100

128 113.8 17.0 25.4#

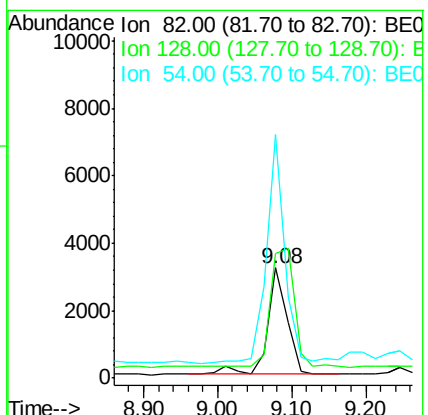
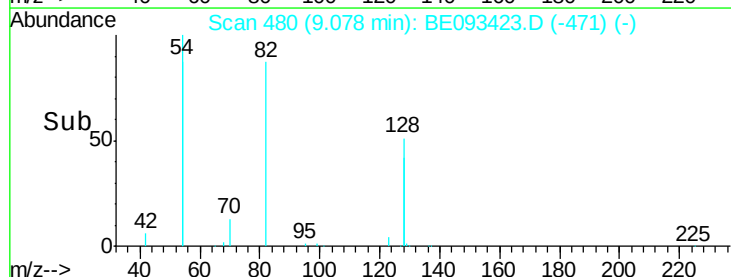
54 221.5 53.8 80.6#

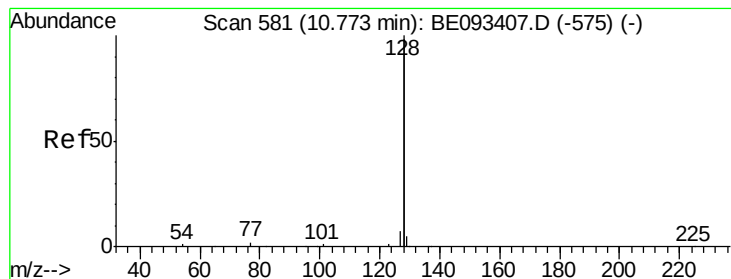


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.398 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

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ClientSampleId :

NC-TS-001MSD

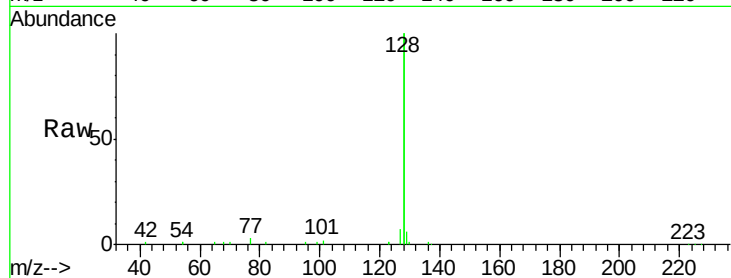
Tgt Ion:128 Resp: 74559

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

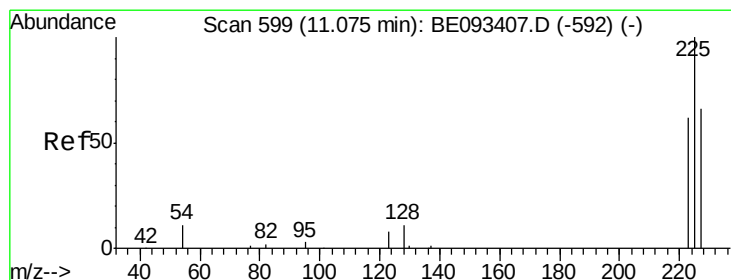
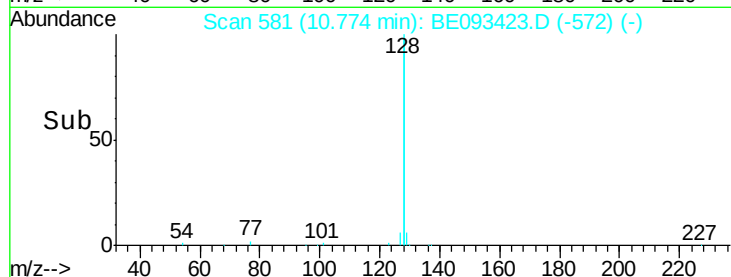
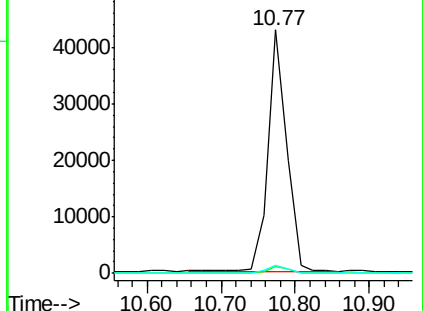
127 3.3 11.2 16.8#



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: 0.301 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

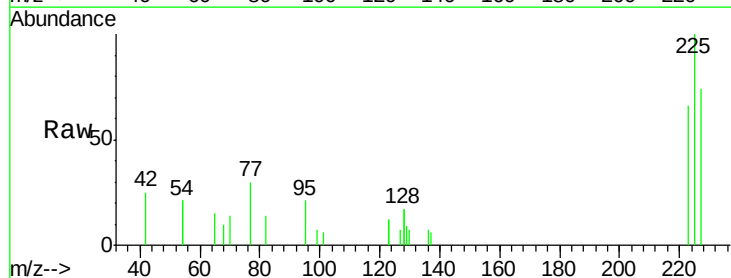
Tgt Ion:225 Resp: 2137

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

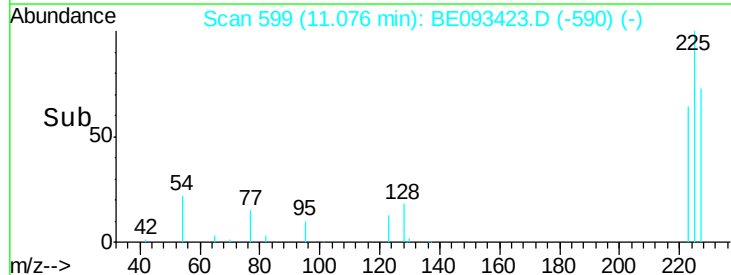
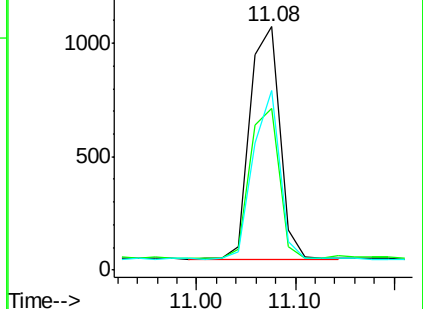
227 65.3 50.3 75.5

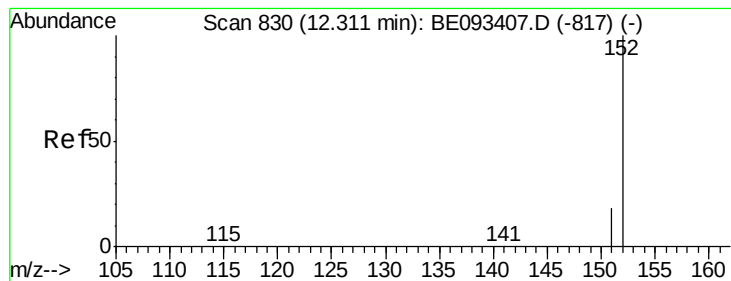


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

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ClientSampleId :

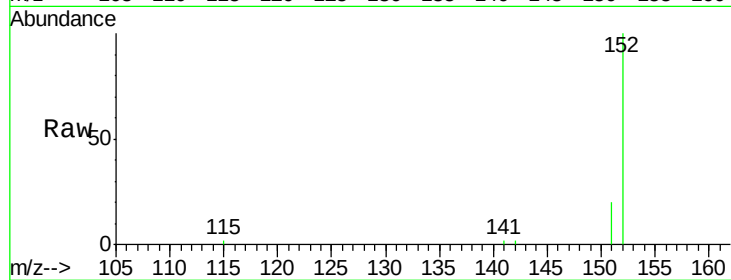
NC-TS-001MSD

Tgt Ion:152 Resp: 8480

Ion Ratio Lower Upper

152 100

151 19.8 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

6000

5000

4000

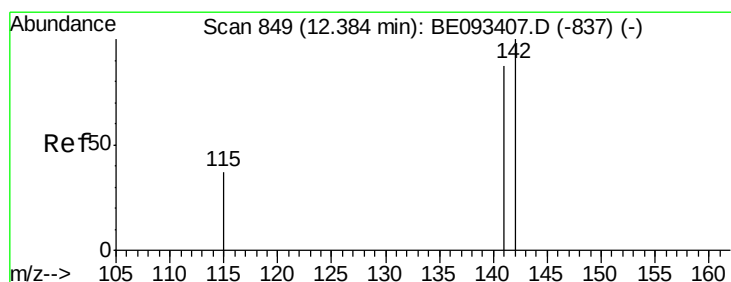
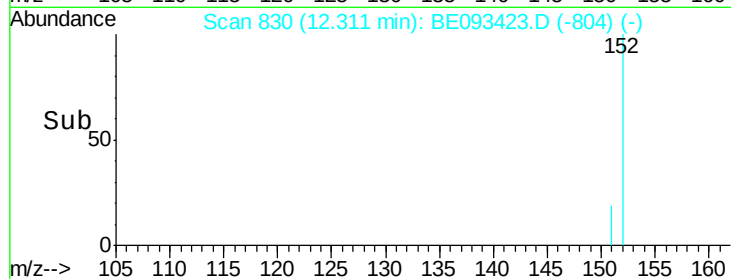
3000

2000

1000

0

Time--> 12.25 12.30 12.35



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

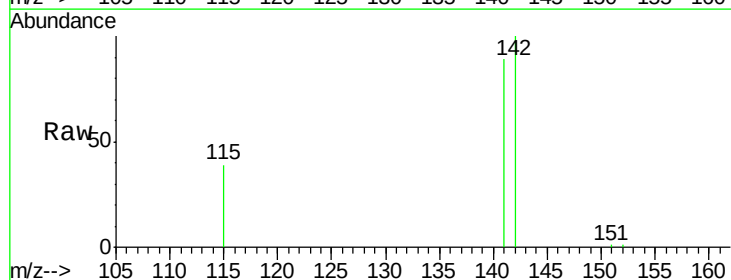
Tgt Ion:142 Resp: 11590

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8

115 39.3 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

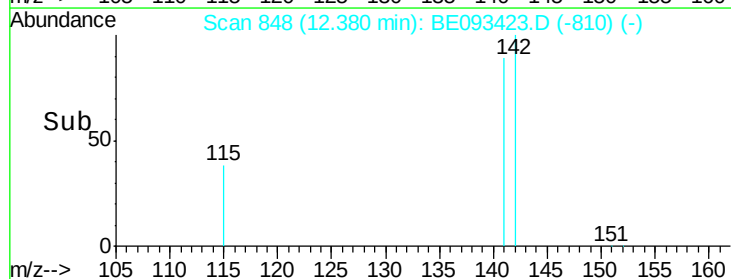
6000

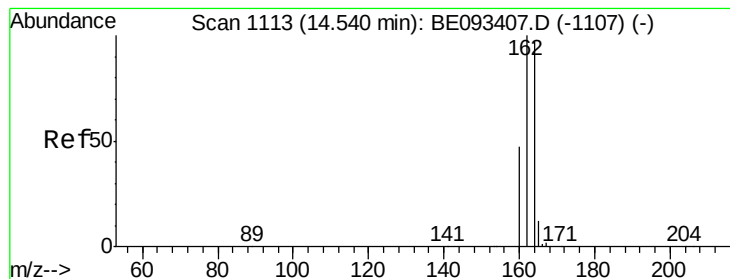
4000

2000

0

Time--> 12.30 12.35 12.40 12.45





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

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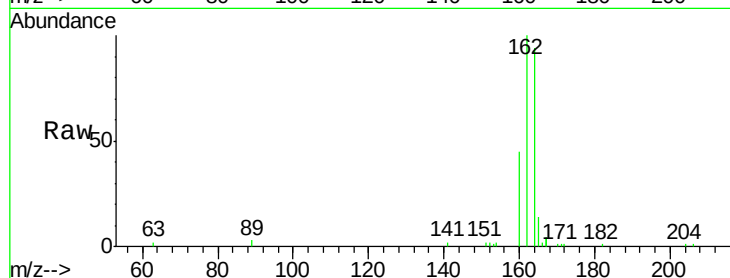
Tgt Ion:164 Resp: 9562

Ion Ratio Lower Upper

164 100

162 106.0 84.6 127.0

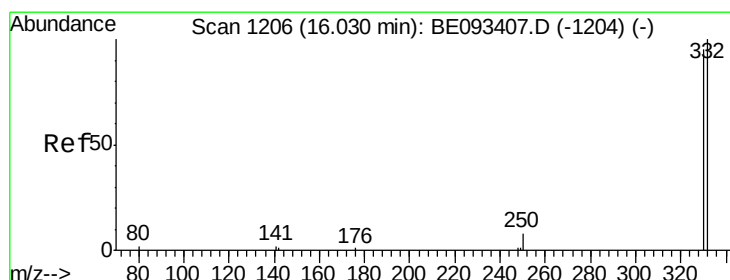
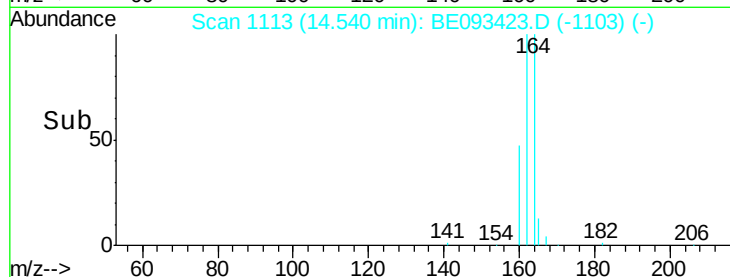
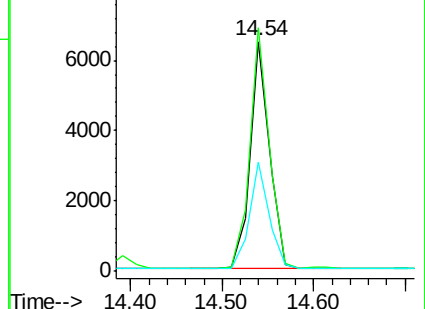
160 47.5 41.8 62.6



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: 0.428 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

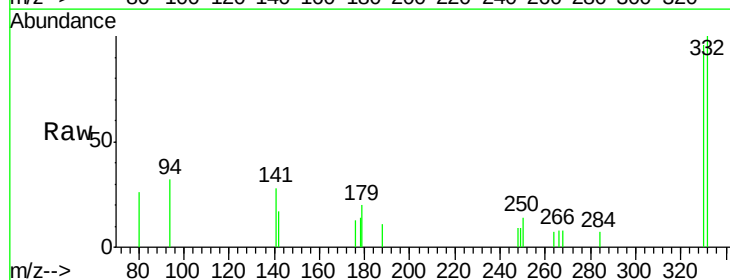
Tgt Ion:330 Resp: 1285

Ion Ratio Lower Upper

330 100

332 102.9 77.7 116.5

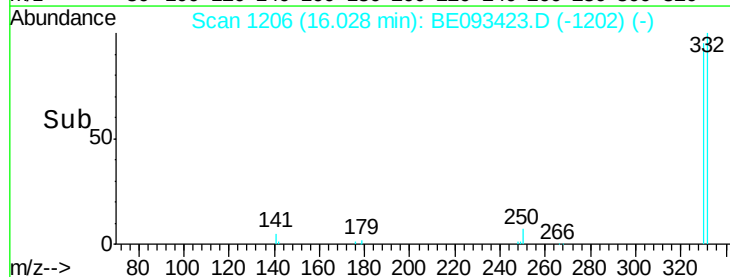
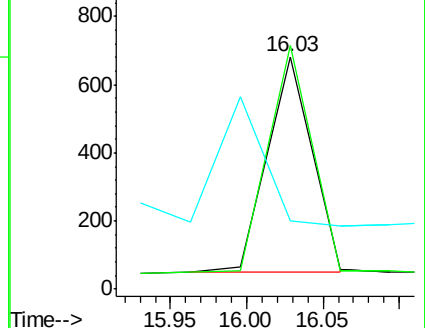
141 0.0 56.2 84.4#

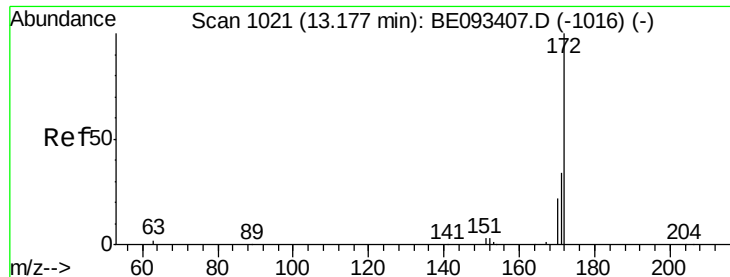


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

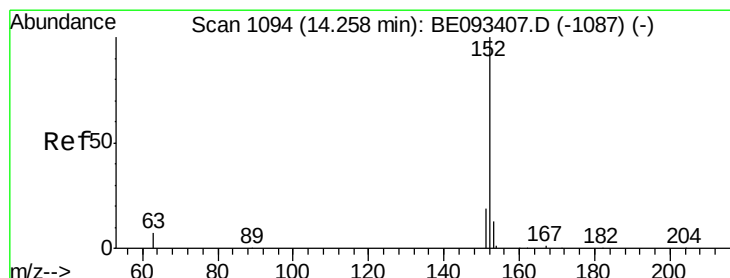
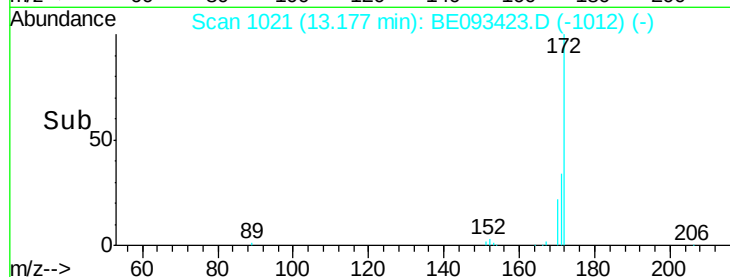
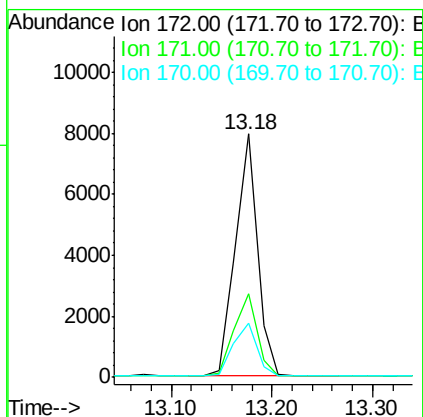
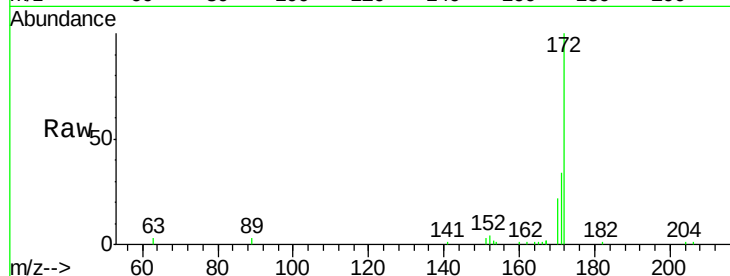




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

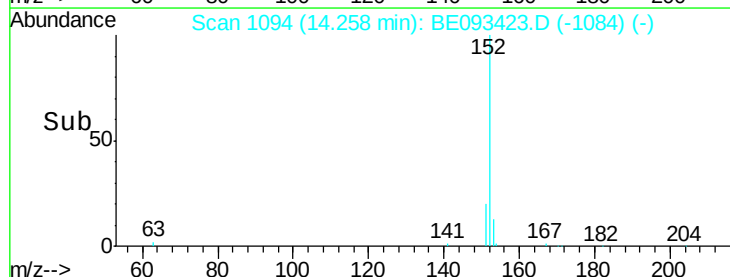
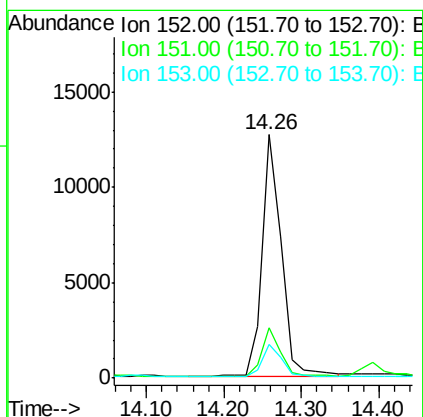
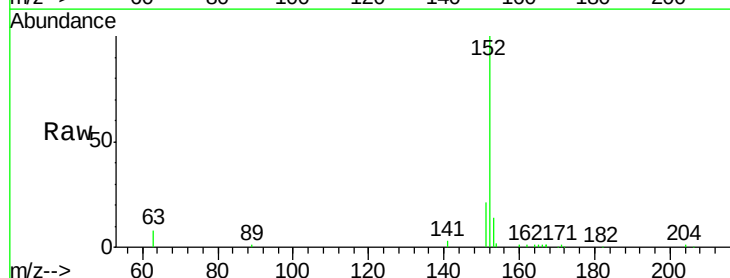
Instrument :
BNA_E
ClientSampleId :
NC-TS-001MSD

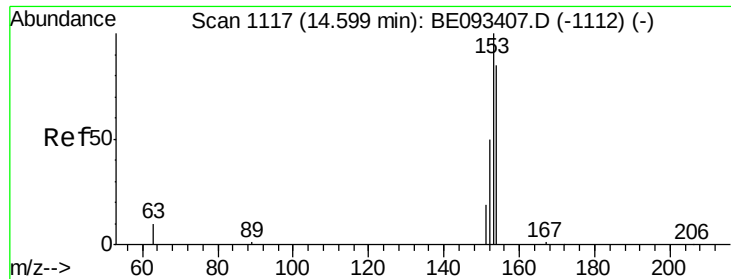
Tgt Ion:172 Resp: 12016
Ion Ratio Lower Upper
172 100
171 34.2 29.8 44.6
170 22.3 20.7 31.1



#16
Acenaphthylene
Concen: 0.549 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

Tgt Ion:152 Resp: 21886
Ion Ratio Lower Upper
152 100
151 19.8 4.0 6.0#
153 13.4 10.3 15.5

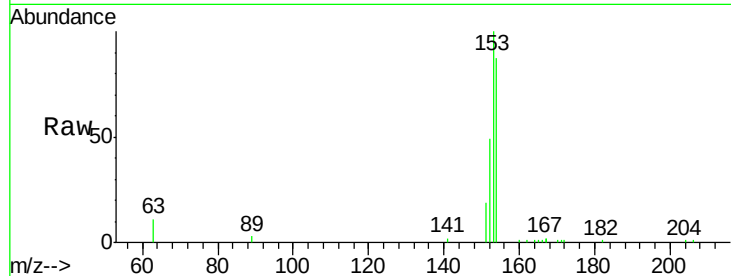




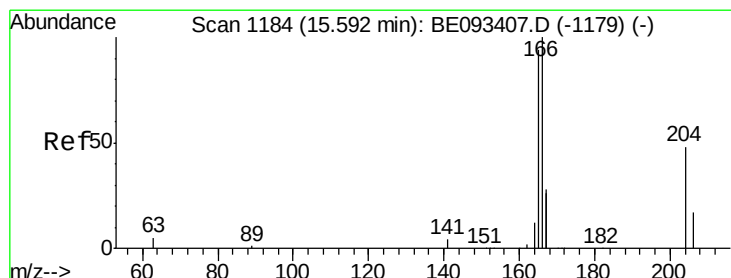
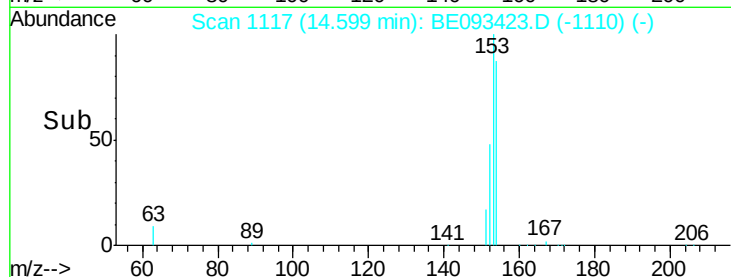
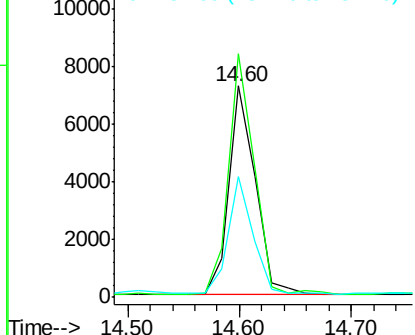
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

Instrument :
BNA_E
ClientSampleId :
NC-TS-001MSD

Tgt Ion:154 Resp: 11860
Ion Ratio Lower Upper
154 100
153 111.6 91.2 136.8
152 52.5 44.8 67.2

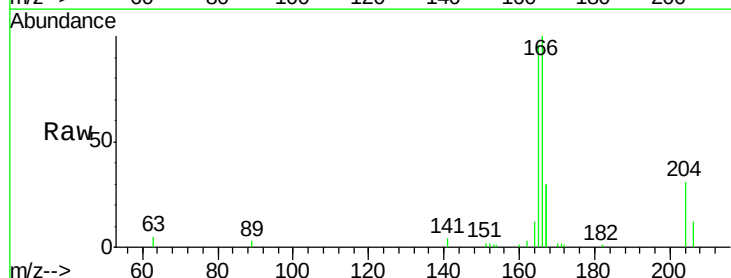


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

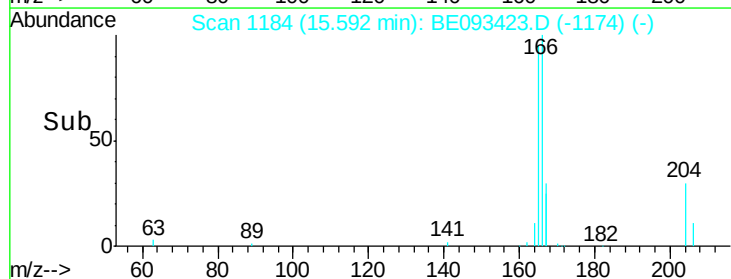
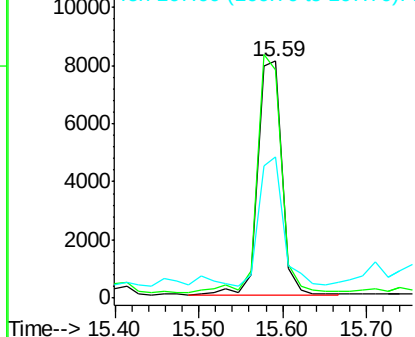


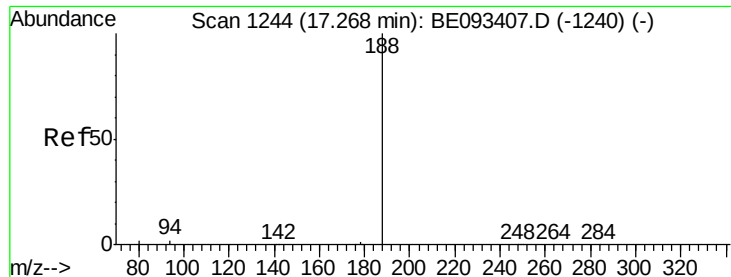
#18
Fluorene
Concen: 0.402 ng
RT: 15.59 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

Tgt Ion:166 Resp: 16089
Ion Ratio Lower Upper
166 100
165 102.5 78.6 117.8
167 56.2 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

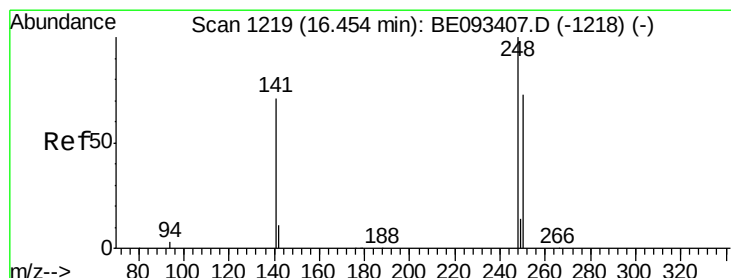
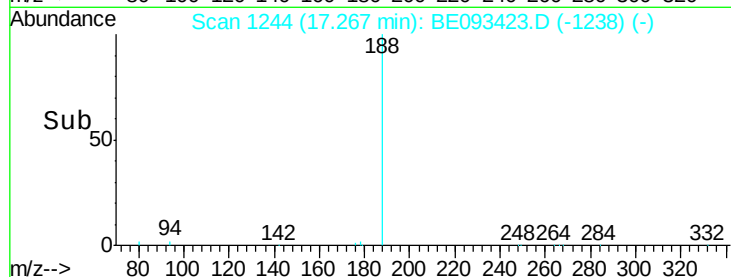
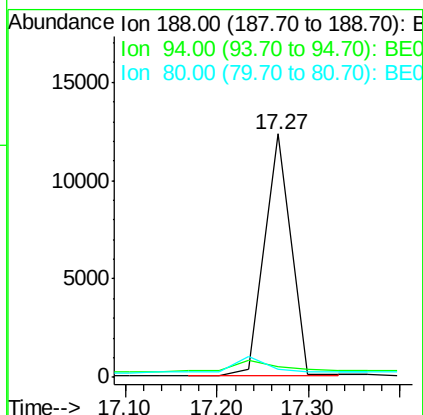
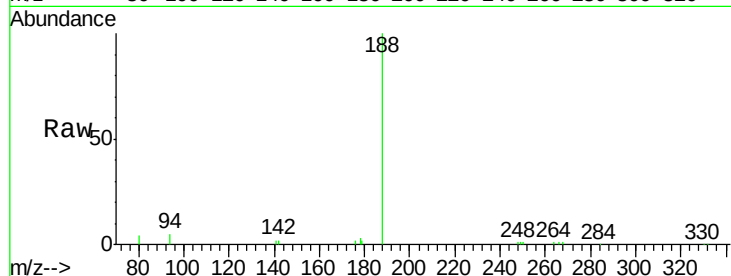




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

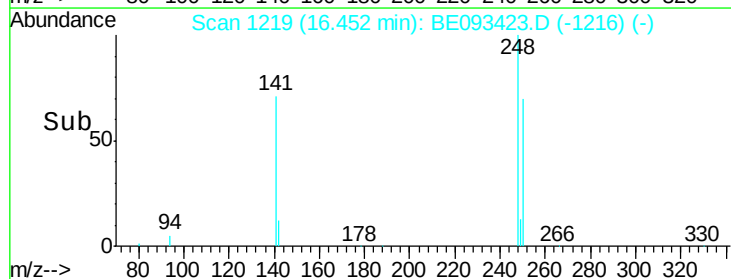
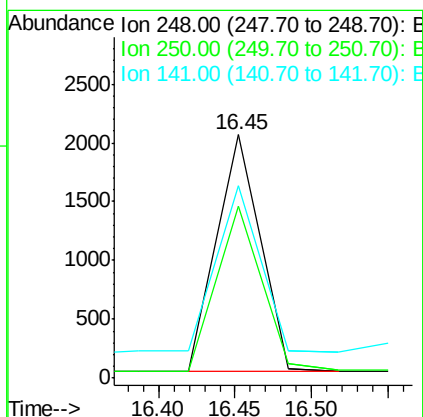
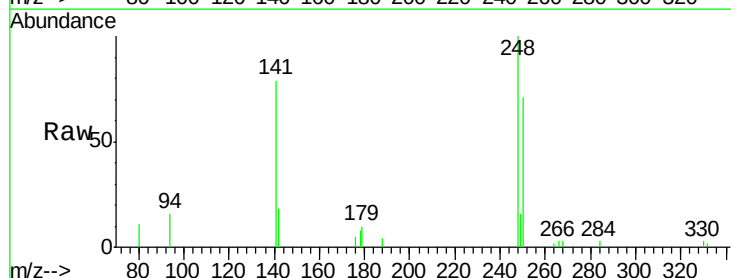
Instrument :
BNA_E
ClientSampleId :
NC-TS-001MSD

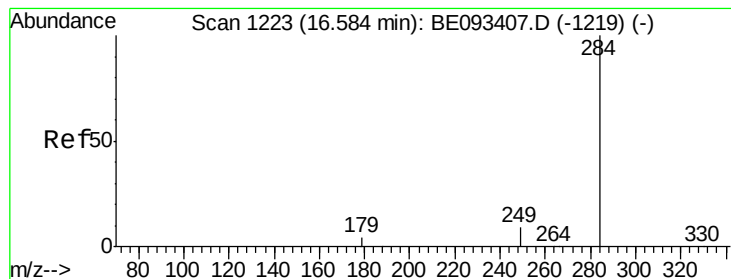
Tgt Ion:188 Resp: 24868
Ion Ratio Lower Upper
188 100
94 4.6 11.3 16.9#
80 3.6 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.292 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

Tgt Ion:248 Resp: 3988
Ion Ratio Lower Upper
248 100
250 70.8 40.8 61.2#
141 79.1 161.6 242.4#





#21

Hexachlorobenzene

Concen: 0.266 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

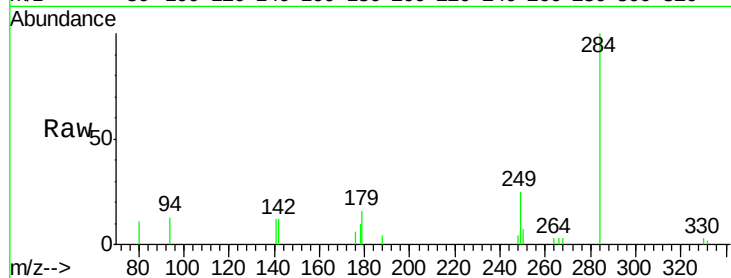
Tgt Ion:284 Resp: 3919

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

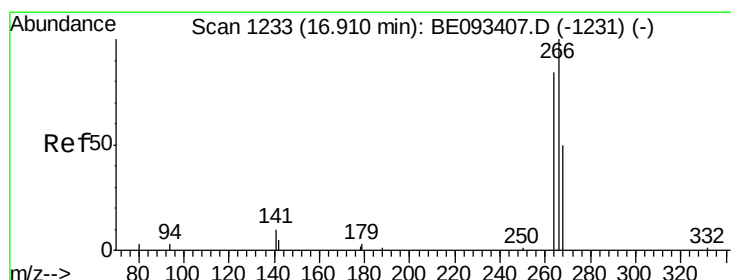
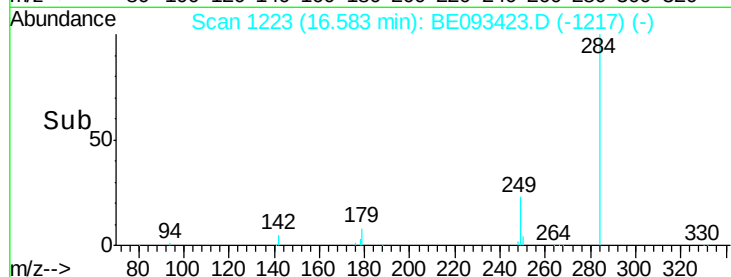
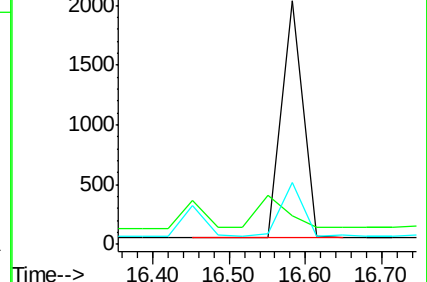
249 23.6 0.0 0.0#



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: 1.143 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

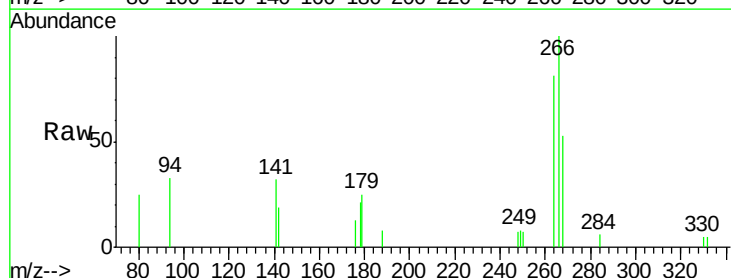
Tgt Ion:266 Resp: 2394

Ion Ratio Lower Upper

266 100

264 80.5 58.2 87.2

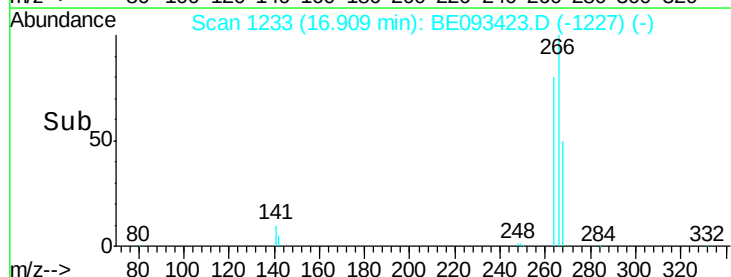
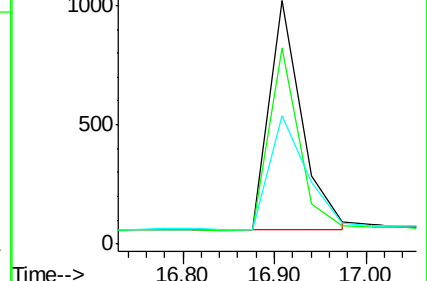
268 52.6 71.9 107.9#

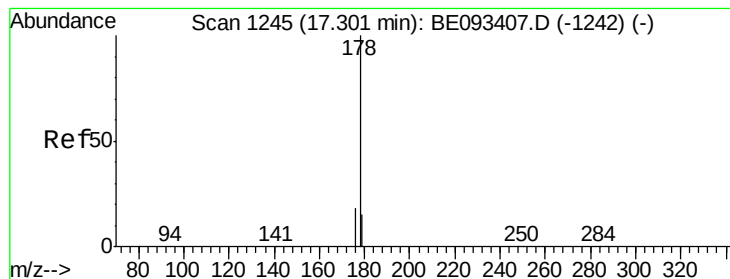


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.122 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

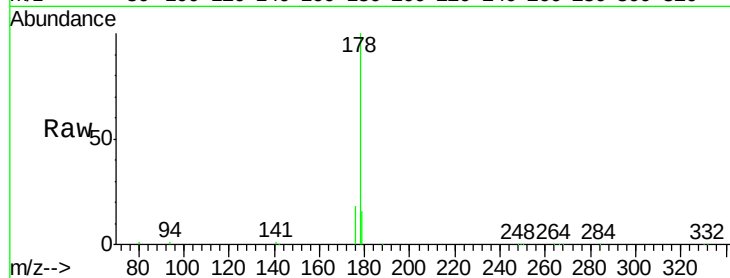
Tgt Ion:178 Resp: 101423

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.4

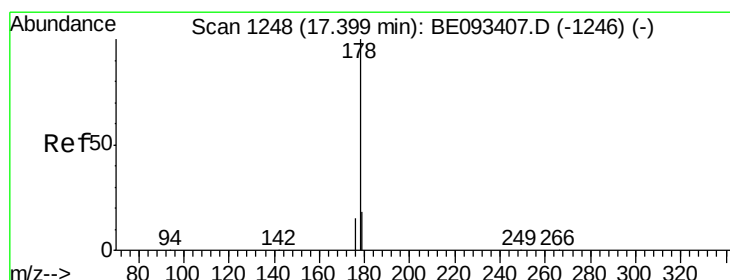
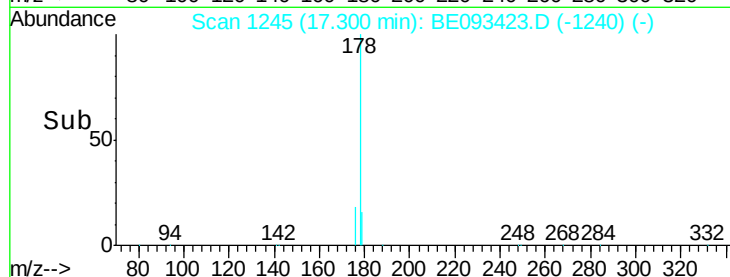
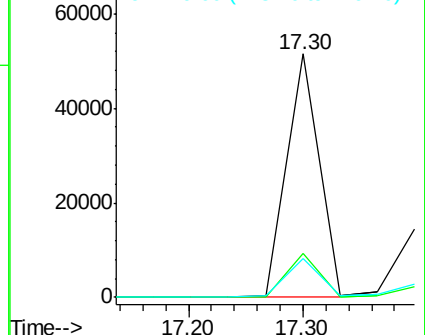
179 15.9 12.7 19.1



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: 0.501 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

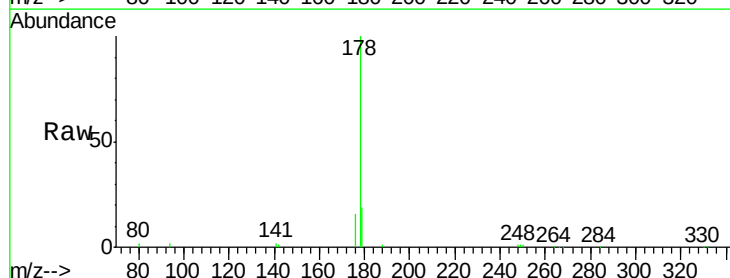
Tgt Ion:178 Resp: 27758

Ion Ratio Lower Upper

178 100

176 14.9 14.6 22.0

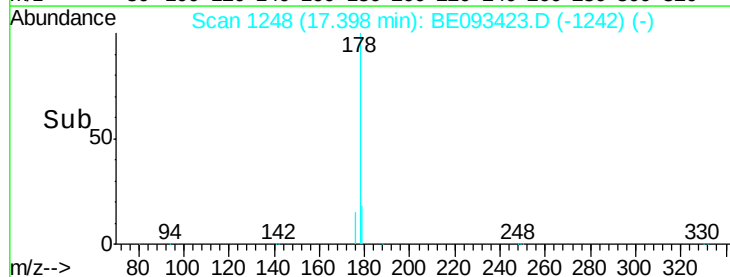
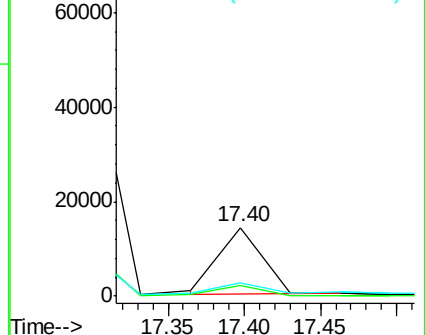
179 16.5 12.0 18.0

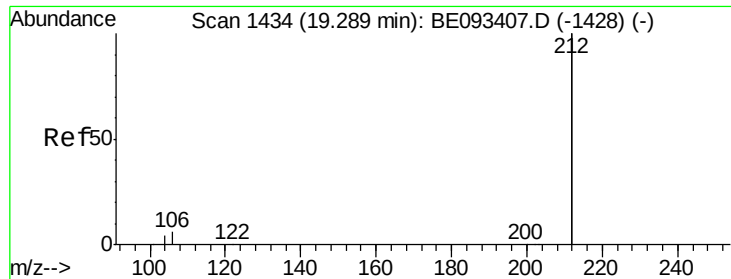


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

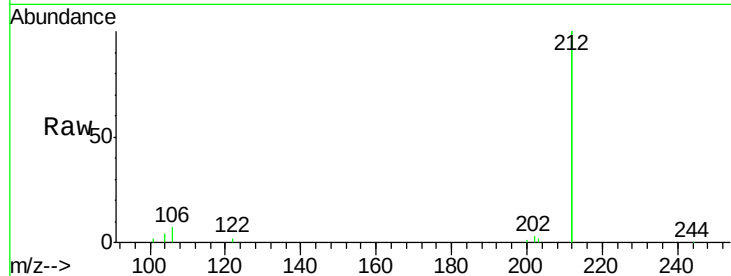
Tgt Ion:212 Resp: 85313

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

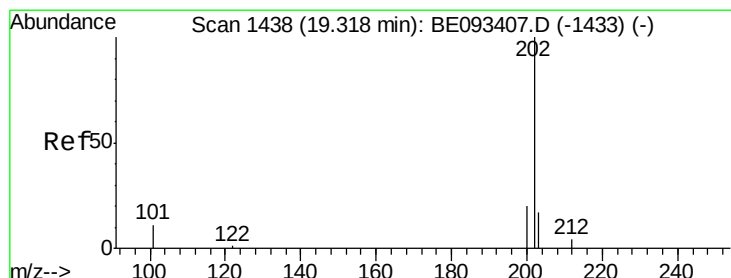
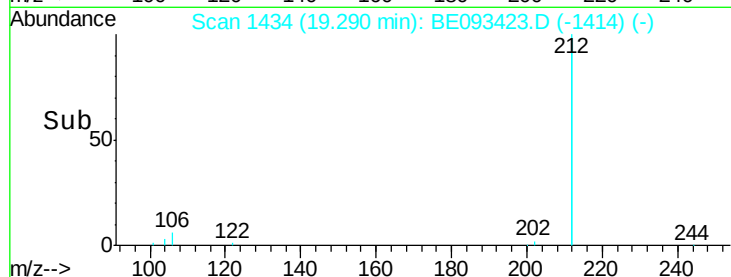
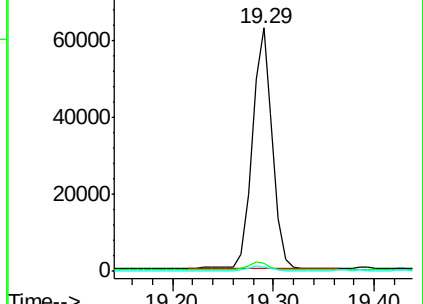
104 2.3 1.6 2.4



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: 2.009 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

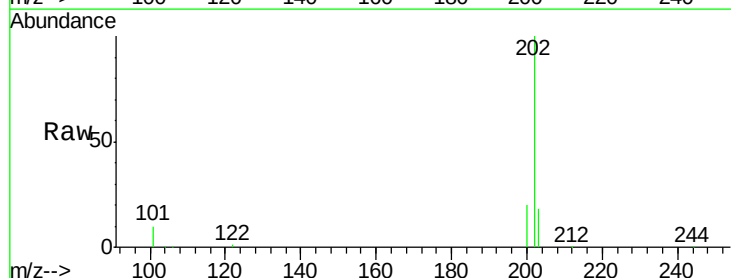
Tgt Ion:202 Resp: 170721

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

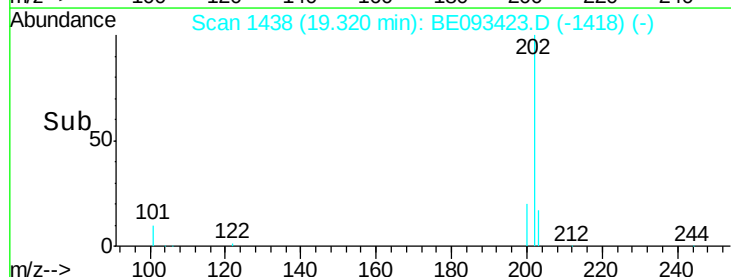
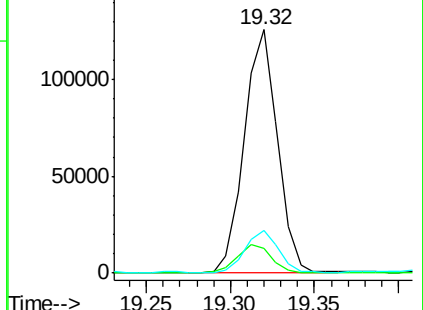
203 17.3 14.4 21.6

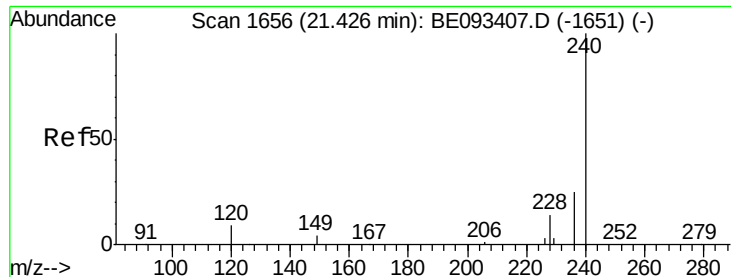


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

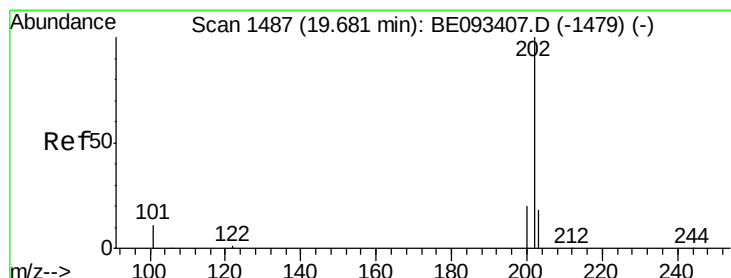
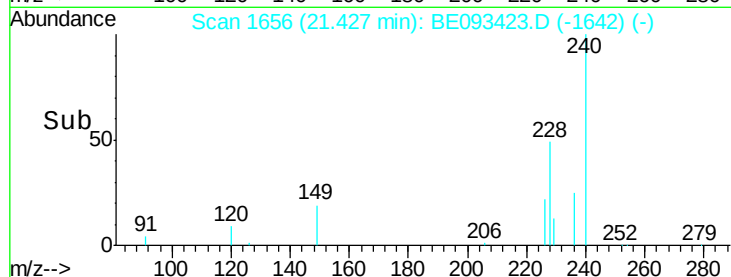
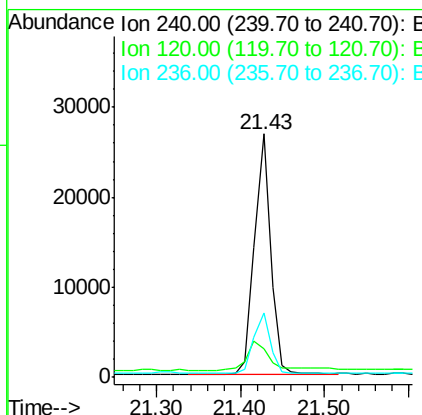
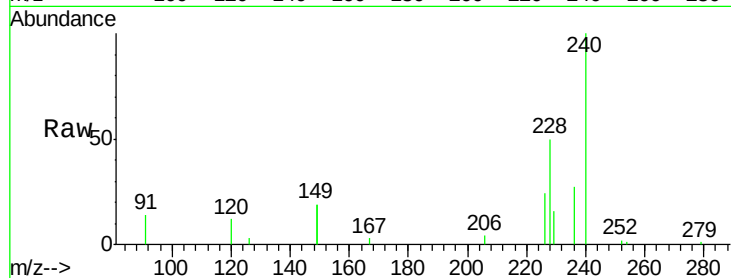




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093423.D
 Acq: 3 Jul 2017 11:11

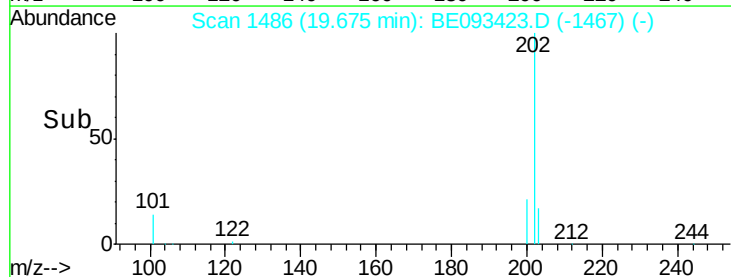
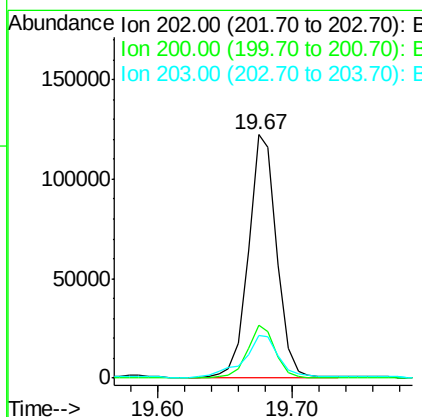
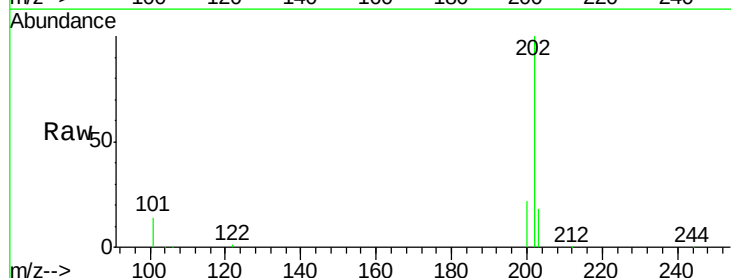
Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-001MSD

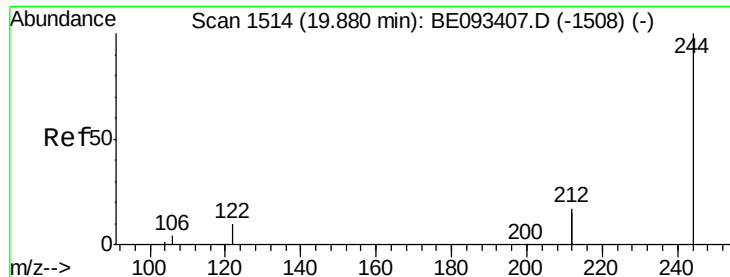
Tgt Ion: 240 Resp: 36024
 Ion Ratio Lower Upper
 240 100
 120 11.8 4.6 7.0#
 236 26.5 20.8 31.2



#28
 Pyrene
 Concen: 1.760 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BE093423.D
 Acq: 3 Jul 2017 11:11

Tgt Ion: 202 Resp: 178216
 Ion Ratio Lower Upper
 202 100
 200 21.1 0.0 0.0#
 203 21.5 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

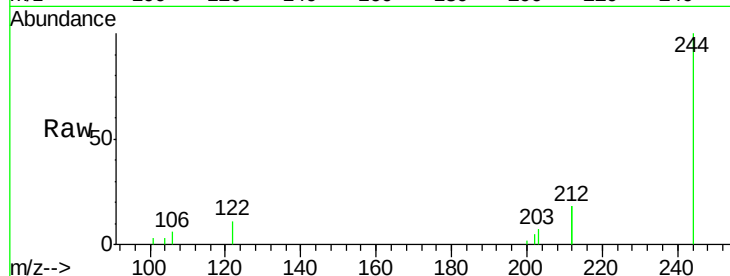
Tgt Ion:244 Resp: 15418

Ion Ratio Lower Upper

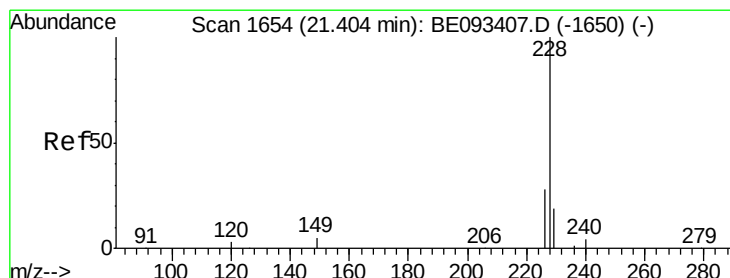
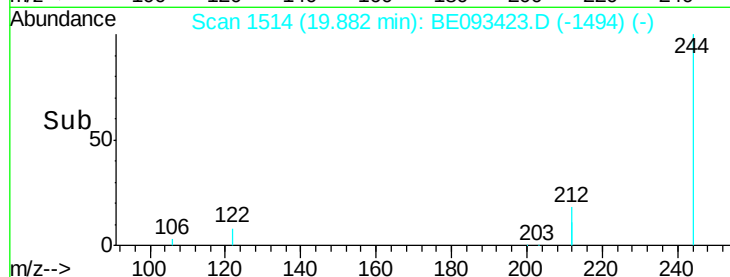
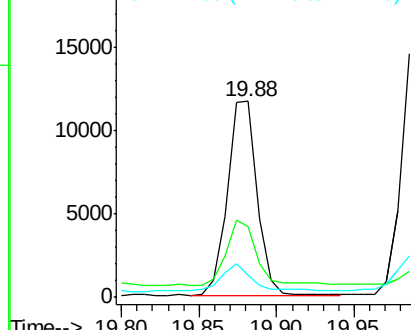
244 100

212 36.1 10.6 16.0#

122 11.4 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.248 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

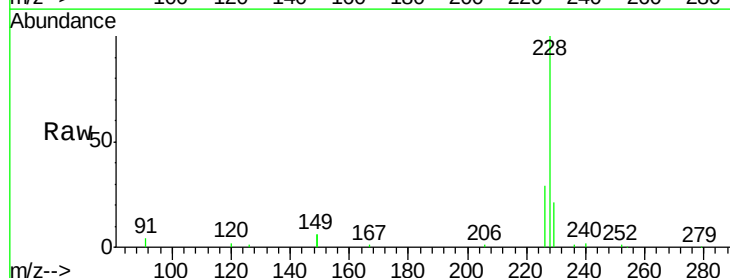
Tgt Ion:228 Resp: 121350

Ion Ratio Lower Upper

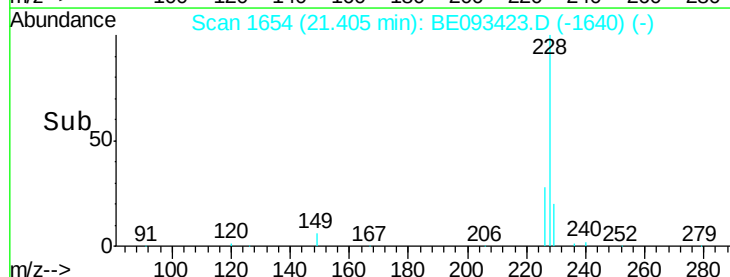
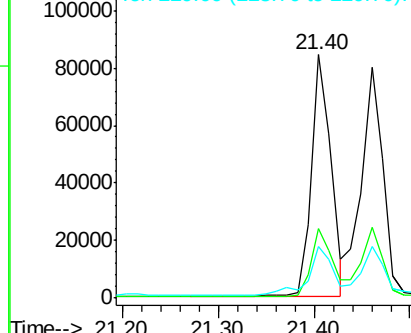
228 100

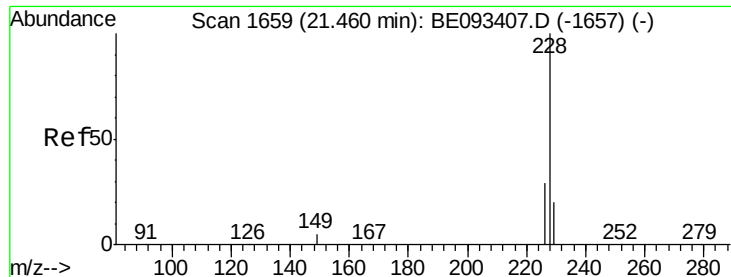
226 28.6 19.7 29.5

229 21.2 19.2 28.8



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





#31

Chrysene

Concen: 1.226 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

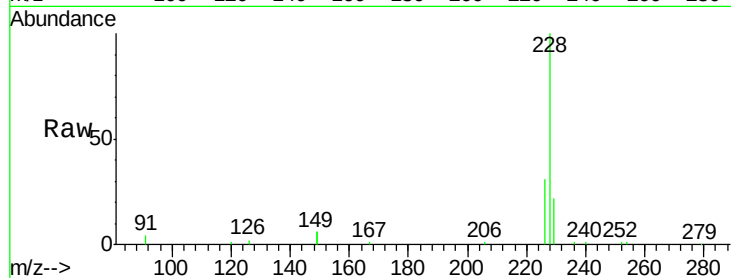
Tgt Ion:228 Resp: 124700

Ion Ratio Lower Upper

228 100

226 30.7 21.5 32.3

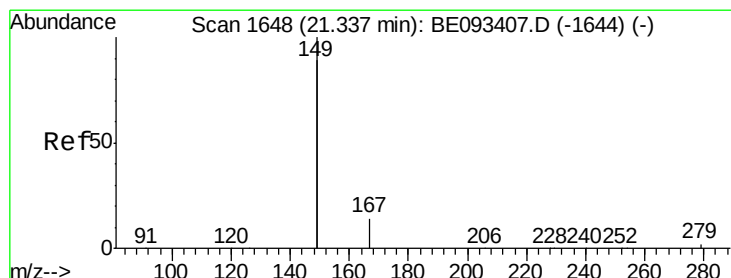
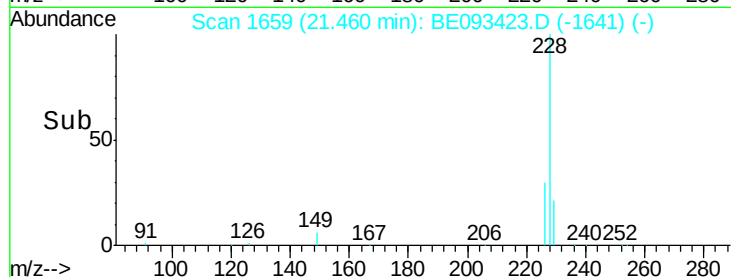
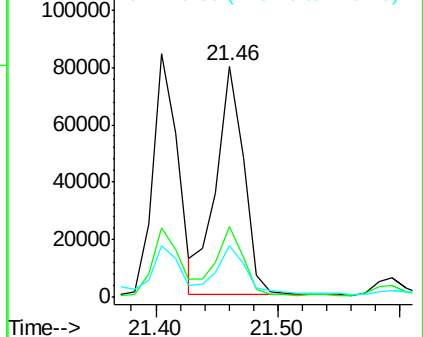
229 22.1 18.6 28.0



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: 0.904 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

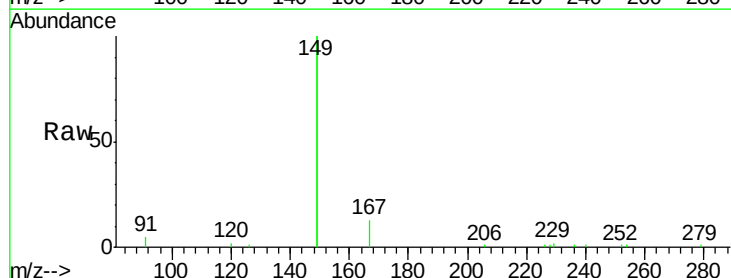
Tgt Ion:149 Resp: 126551

Ion Ratio Lower Upper

149 100

167 6.4 20.1 30.1#

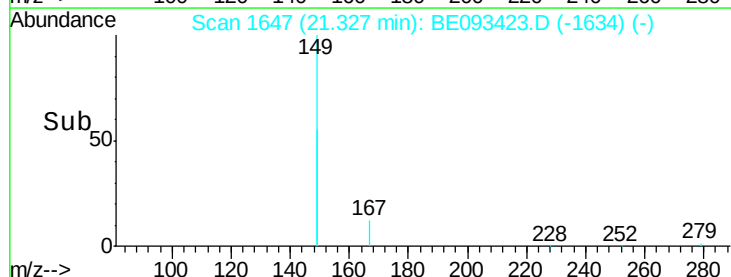
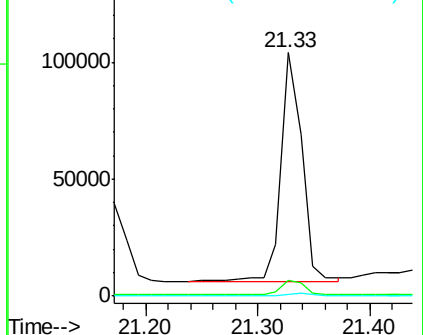
279 0.8 2.2 3.4#

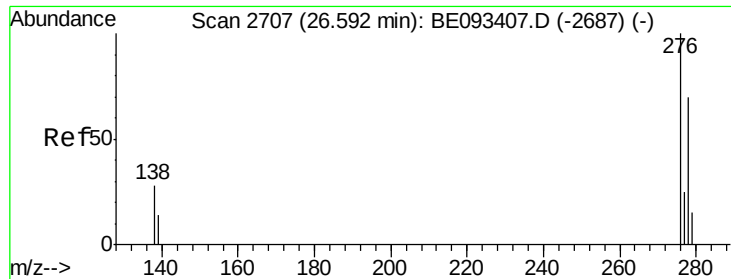


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.888 ng

RT: 26.58 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

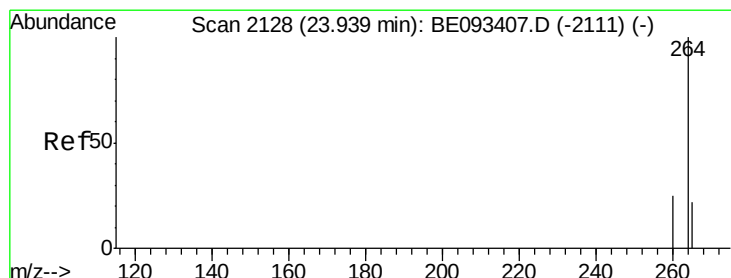
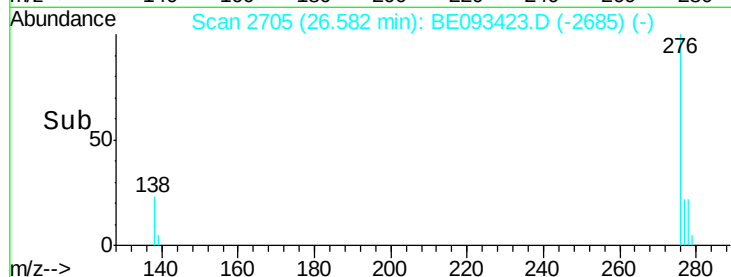
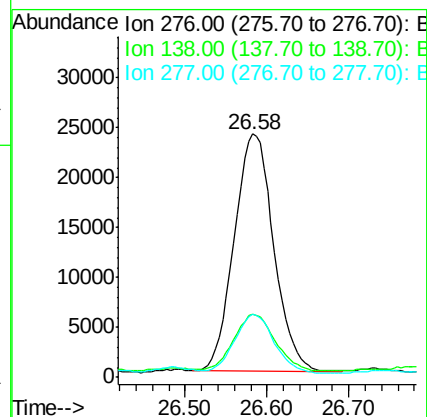
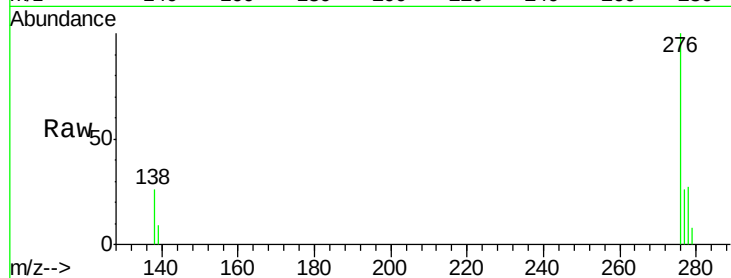
Tgt Ion:276 Resp: 79282

Ion Ratio Lower Upper

276 100

138 25.1 27.4 41.2#

277 25.2 20.1 30.1



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

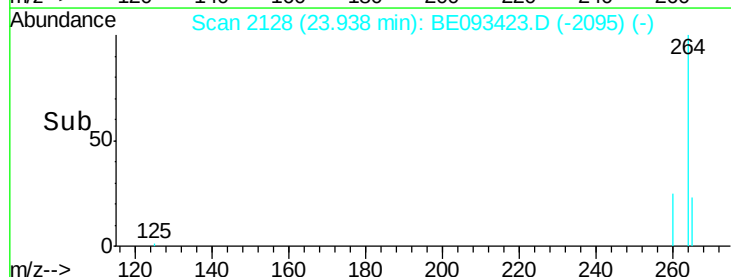
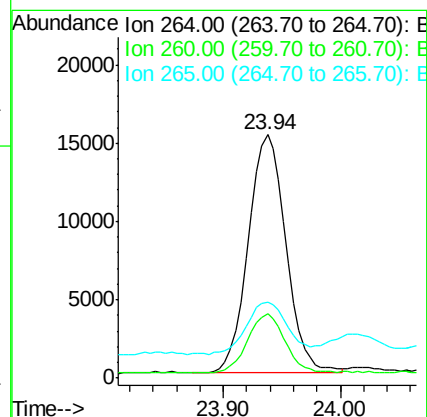
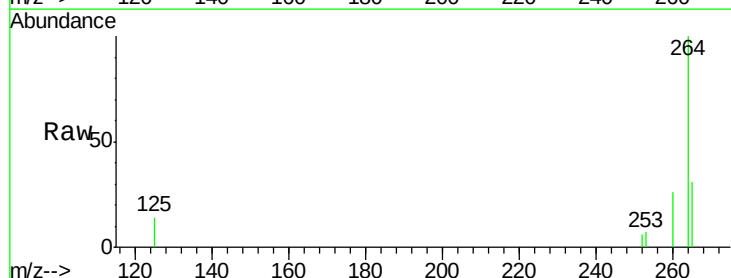
Tgt Ion:264 Resp: 34018

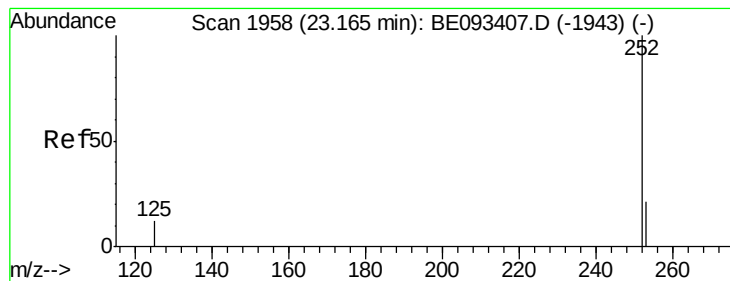
Ion Ratio Lower Upper

264 100

260 26.5 21.0 31.4

265 31.4 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 1.304 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

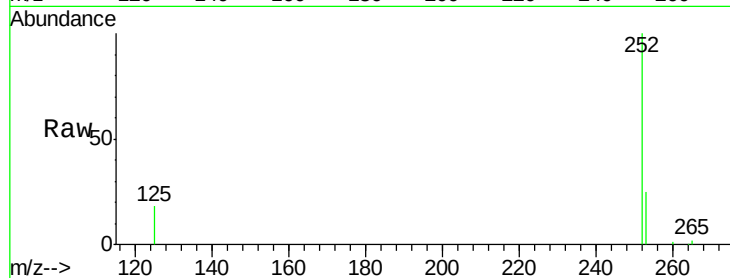
Tgt Ion:252 Resp: 143231

Ion Ratio Lower Upper

252 100

253 25.3 18.5 27.7

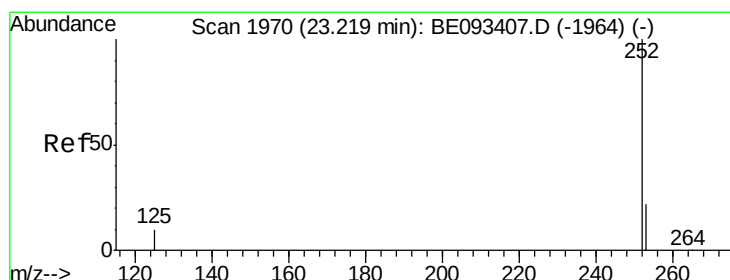
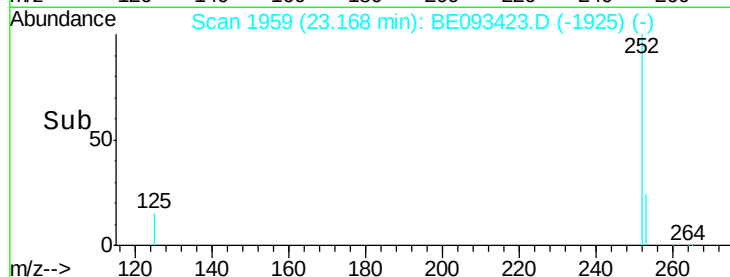
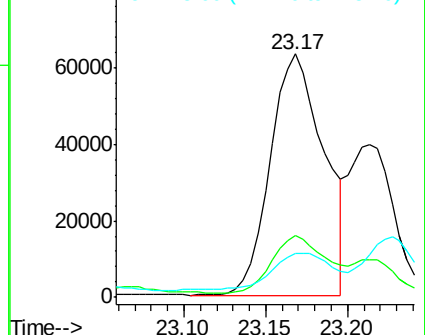
125 18.1 13.4 20.0



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: 0.707 ng m

RT: 23.21 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

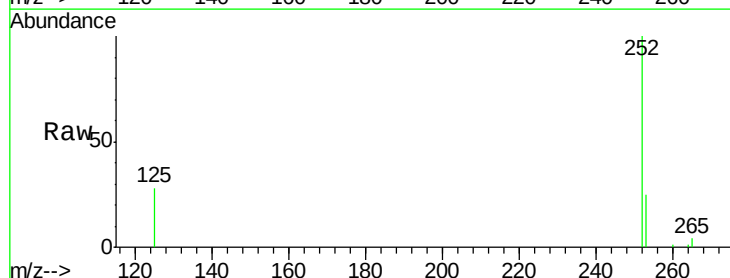
Tgt Ion:252 Resp: 76801

Ion Ratio Lower Upper

252 100

253 24.8 20.3 30.5

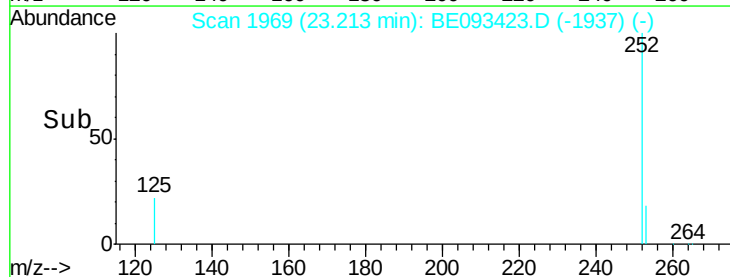
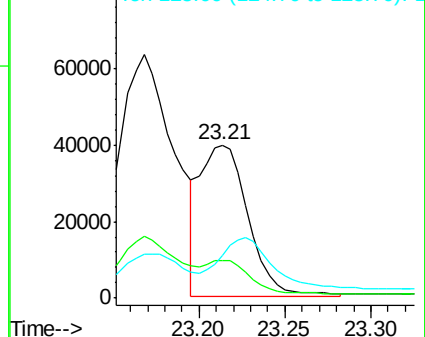
125 27.7 12.2 18.4#

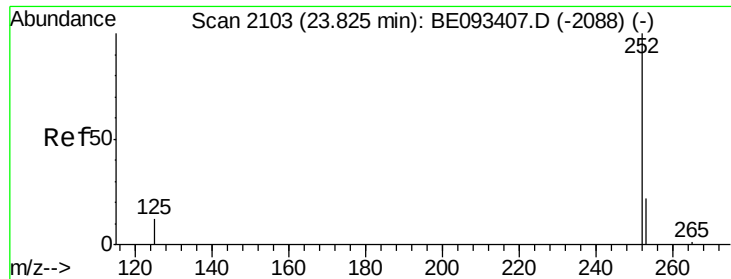


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.179 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

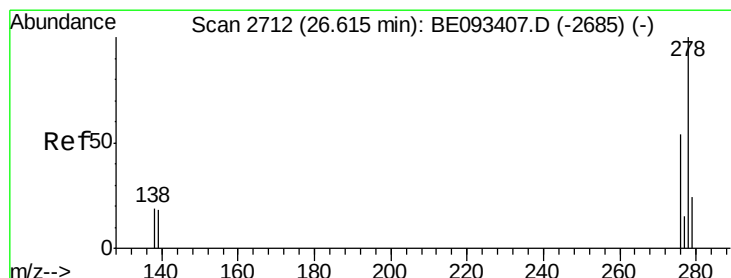
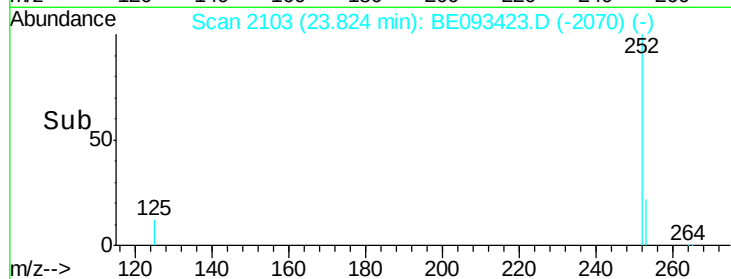
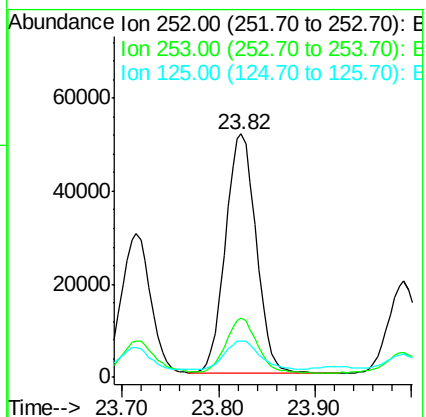
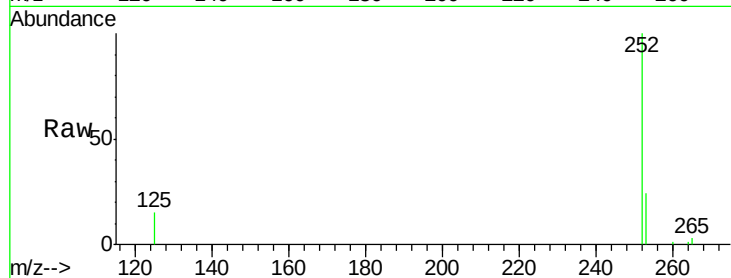
Tgt Ion:252 Resp: 113484

Ion Ratio Lower Upper

252 100

253 24.2 19.9 29.9

125 15.0 14.6 21.8



#38

Dibenzo(a,h)anthracene

Concen: 0.370 ng

RT: 26.60 min Scan# 2710

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

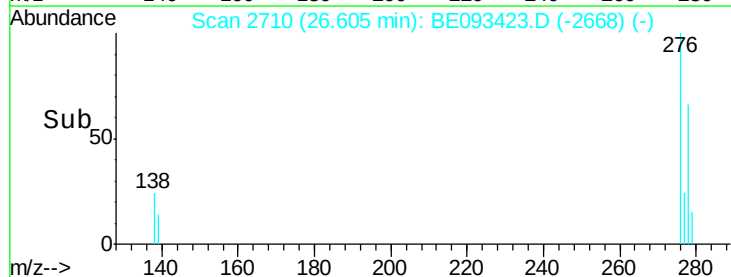
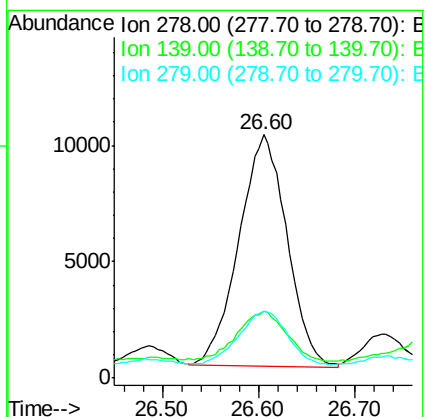
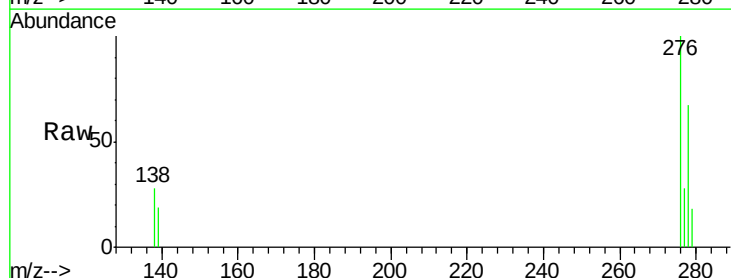
Tgt Ion:278 Resp: 34554

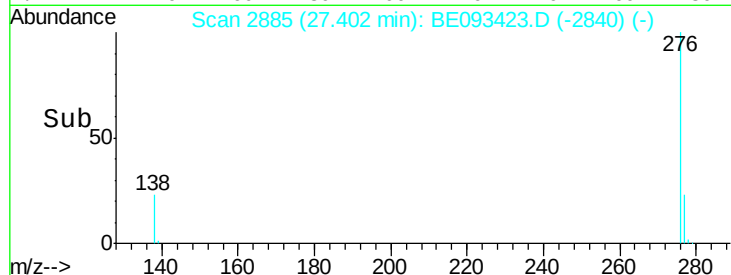
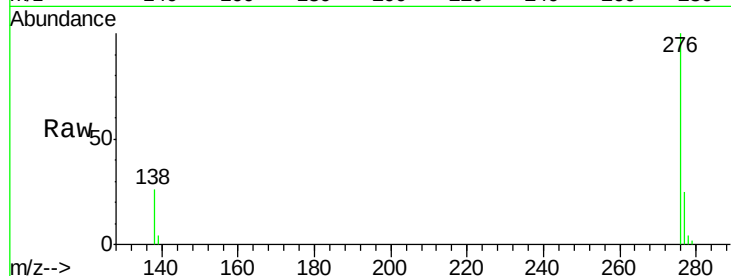
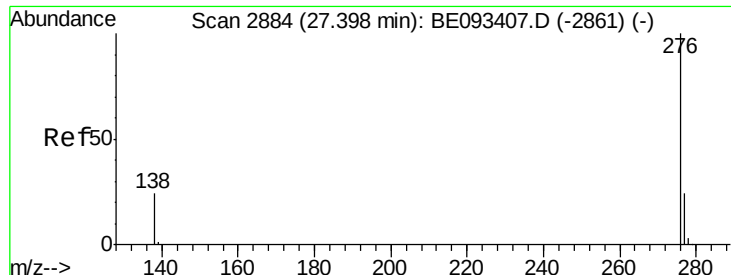
Ion Ratio Lower Upper

278 100

139 27.6 21.4 32.0

279 27.4 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 0.827 ng

RT: 27.40 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MSD

Tgt Ion:276 Resp: 78032

Ion Ratio Lower Upper

276 100

277 24.8 21.2 31.8

138 25.9 24.5 36.7

