

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070317\
 Data File : BE093422.D
 Acq On : 3 Jul 2017 10:35
 Operator : SJ/JU
 Sample : I3842-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-001MS

Quant Time: Jul 04 04:48:39 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	3557	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	16860	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9365	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25009	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37856	0.40	ng	0.00
34) Perylene-d12	23.94	264	33940	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.53	112	2494	0.23	ng	0.00
5) Phenol-d6	7.10	99	3631	0.23	ng	0.00
8) Nitrobenzene-d5	9.08	82	2877	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	4302	0.16	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	581	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	6123	0.17	ng	0.00
25) Fluoranthene-d10	19.29	212	49851	0.17	ng	0.00
29) Terphenyl-d14	19.88	244	8768	0.13	ng	0.00

Target Compounds

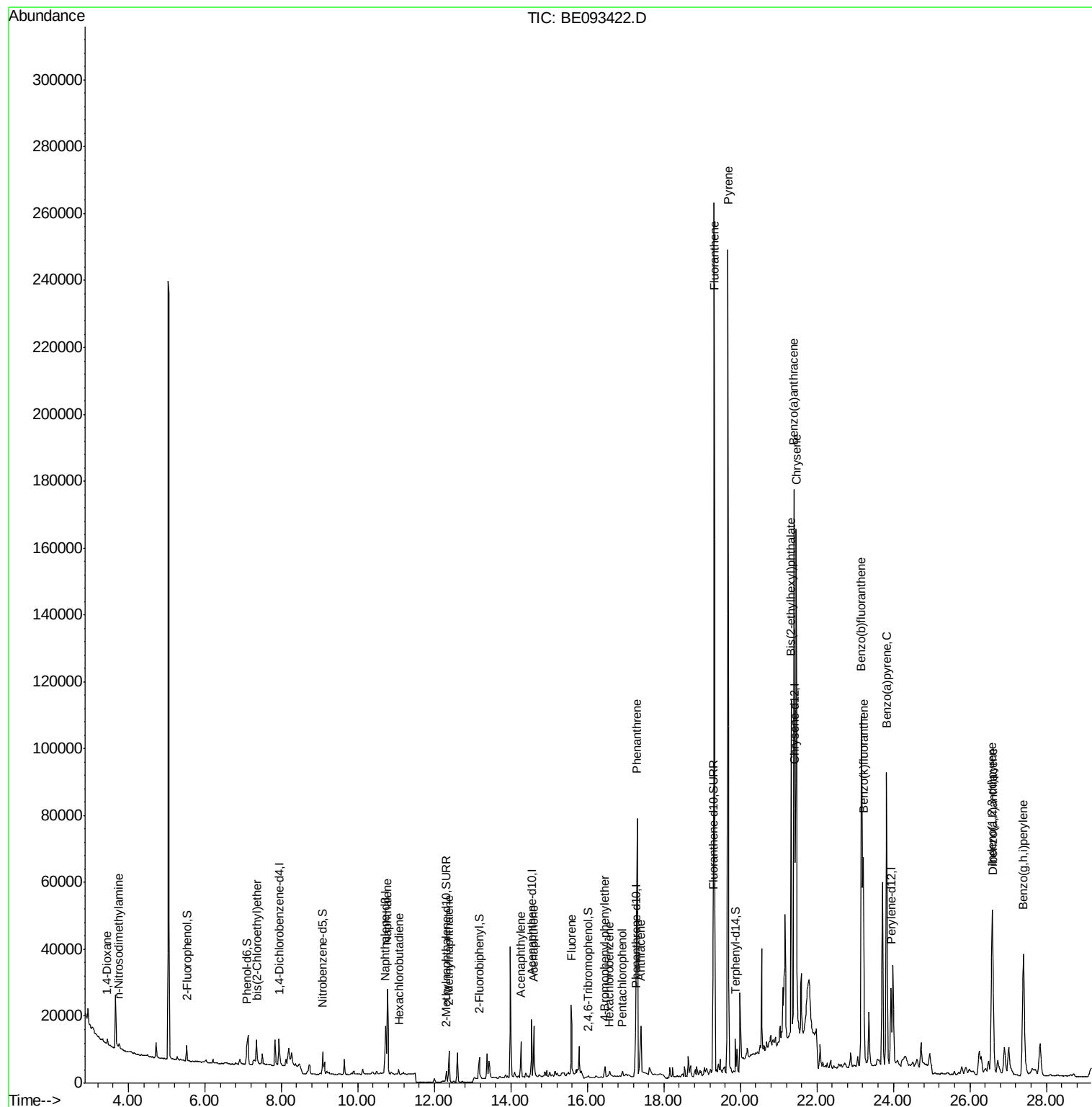
						Qvalue
2) 1,4-Dioxane	3.45	88	1324	0.176	ng	# 79
3) n-Nitrosodimethylamine	3.75	42	1168	0.337	ng	# 95
6) bis(2-Chloroethyl)ether	7.36	93	2667	0.224	ng	# 98
9) Naphthalene	10.77	128	41439	0.235	ng	# 73
10) Hexachlorobutadiene	11.08	225	1176	0.175	ng	98
12) 2-Methylnaphthalene	12.38	142	6547	0.221	ng	97
16) Acenaphthylene	14.26	152	12679	0.325	ng	# 86
17) Acenaphthene	14.60	154	8005	0.280	ng	96
18) Fluorene	15.58	166	10954	0.279	ng	# 83
20) 4-Bromophenyl-phenylether	16.45	248	2513	0.183	ng	# 25
21) Hexachlorobenzene	16.58	284	2486	0.168	ng	# 100
22) Pentachlorophenol	16.91	266	1443	0.737	ng	# 77
23) Phenanthrene	17.30	178	113905	1.253	ng	99
24) Anthracene	17.40	178	23060m	0.414	ng	
26) Fluoranthene	19.32	202	233381	2.731	ng	99
28) Pyrene	19.67	202	233428	2.194	ng	# 88
30) Benzo(a)anthracene	21.40	228	151708	1.485	ng	93
31) Chrysene	21.46	228	154010	1.441	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	122311	0.831	ng	# 65
33) Indeno(1,2,3-cd)pyrene	26.58	276	89432	0.953	ng	# 91
35) Benzo(b)fluoranthene	23.16	252	181942	1.660	ng	97
36) Benzo(k)fluoranthene	23.21	252	82154m	0.758	ng	
37) Benzo(a)pyrene	23.82	252	142560m	1.485	ng	
38) Dibenzo(a,h)anthracene	26.60	278	30640	0.329	ng	99
39) Benzo(g,h,i)perylene	27.40	276	89048	0.946	ng	# 92

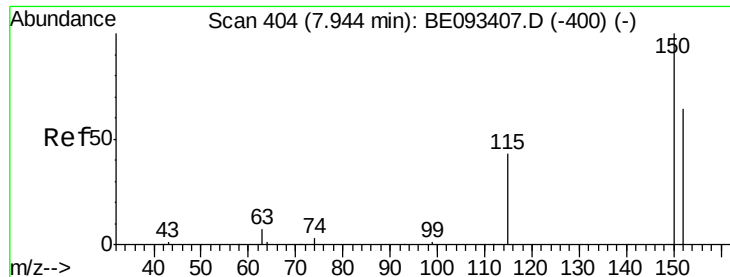
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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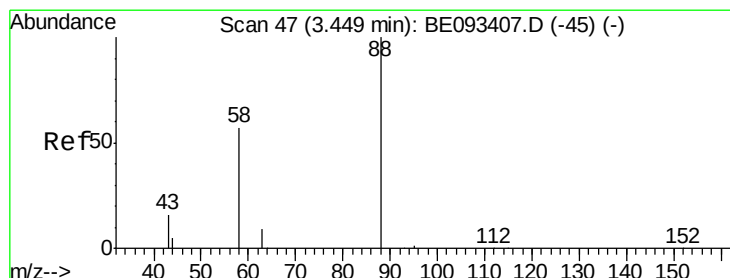
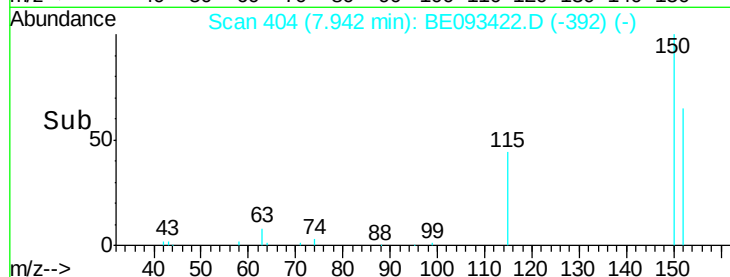
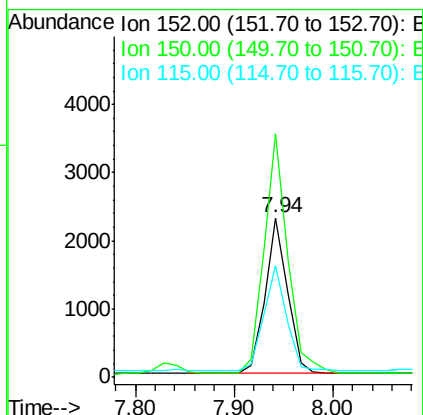
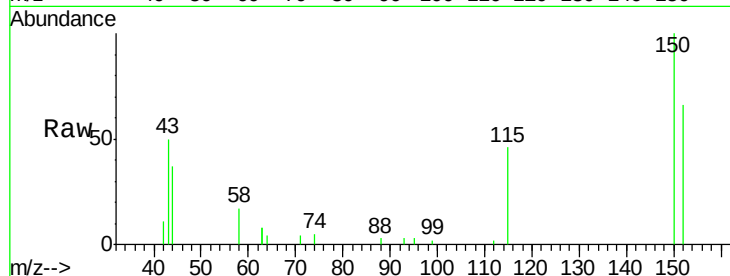


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :
NC-TS-001MS

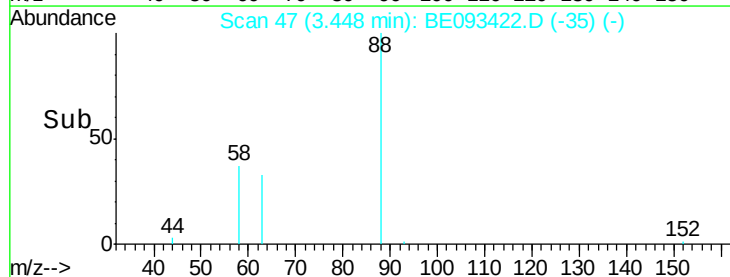
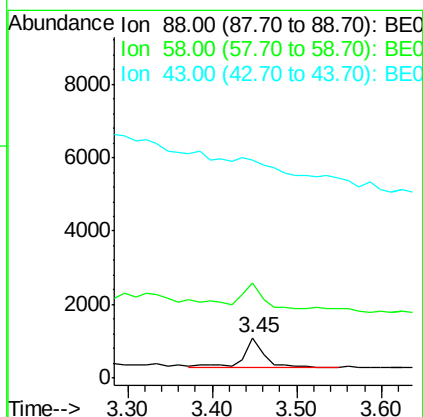
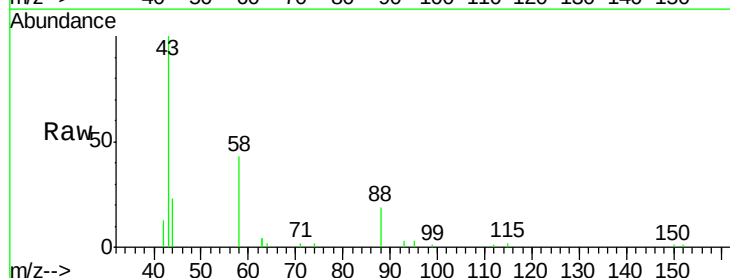
Tgt Ion:152 Resp: 3557
Ion Ratio Lower Upper
152 100
150 152.6 125.1 187.7
115 70.5 55.7 83.5

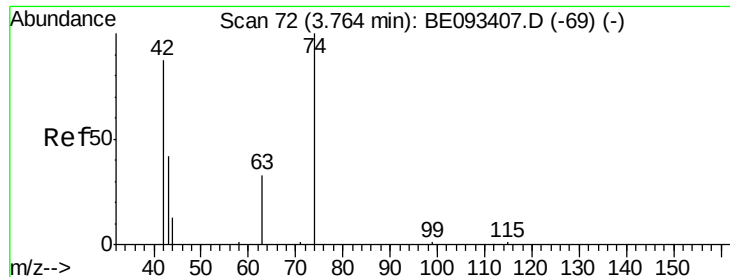


#2

1,4-Dioxane
Concen: 0.176 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion: 88 Resp: 1324
Ion Ratio Lower Upper
88 100
58 84.7 62.2 93.4
43 0.0 23.2 34.8#



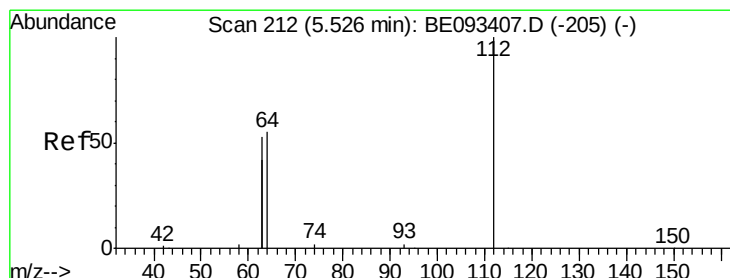
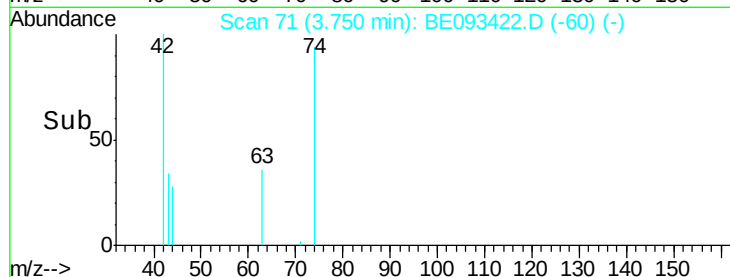
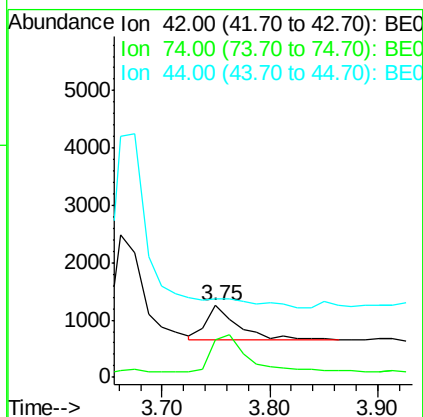
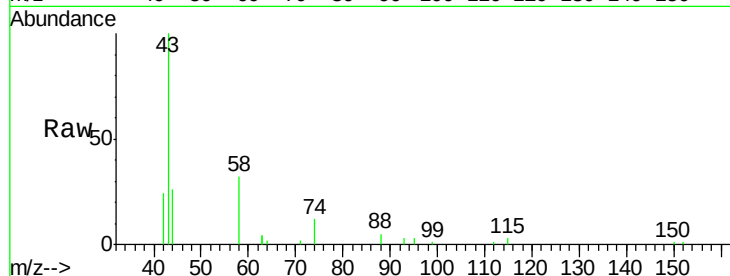


#3

n-Nitrosodimethylamine
 Concen: 0.337 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE093422.D
 Acq: 3 Jul 2017 10:35

Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-001MS

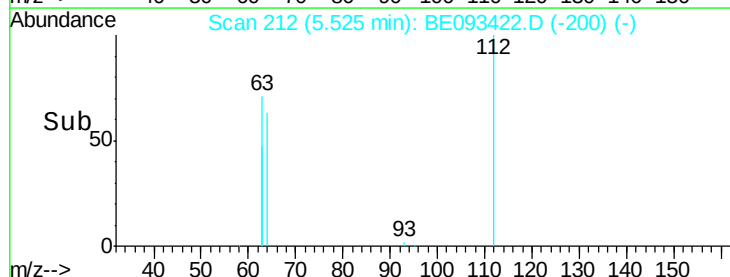
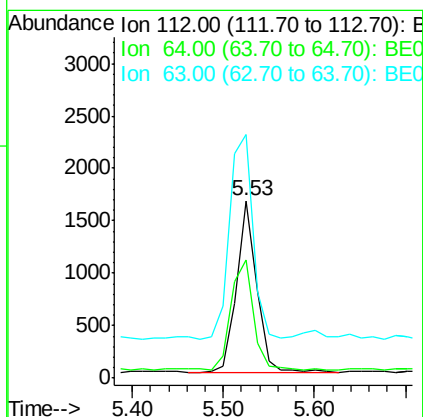
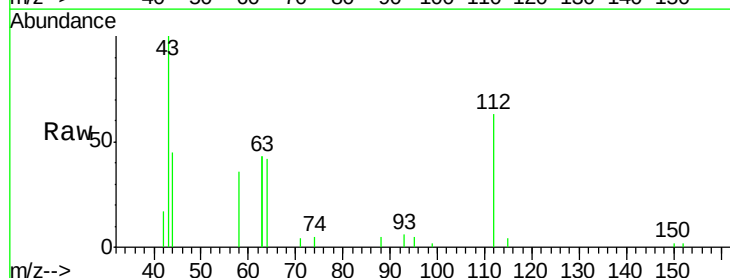
Tgt Ion: 42 Resp: 1168
 Ion Ratio Lower Upper
 42 100
 74 127.5 99.1 148.7
 44 0.0 7.4 11.2#

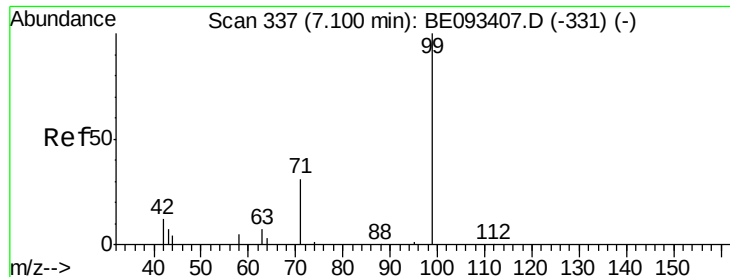


#4

2-Fluorophenol
 Concen: 0.232 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093422.D
 Acq: 3 Jul 2017 10:35

Tgt Ion: 112 Resp: 2494
 Ion Ratio Lower Upper
 112 100
 64 71.5 56.4 84.6
 63 137.4 29.3 43.9#





#5

Phenol-d6

Concen: 0.229 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

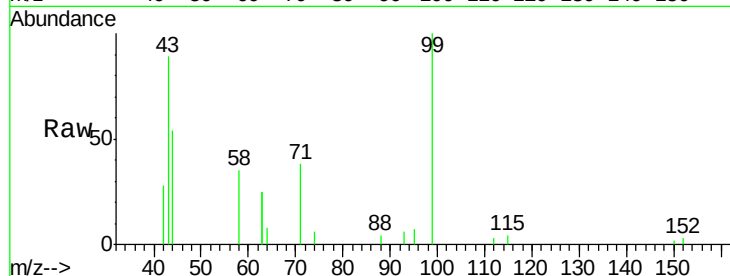
Tgt Ion: 99 Resp: 3631

Ion Ratio Lower Upper

99 100

42 29.2 0.0 0.0#

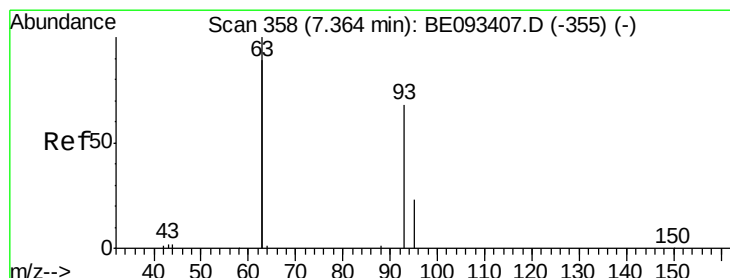
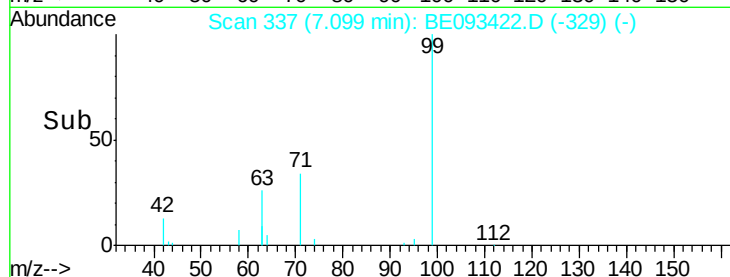
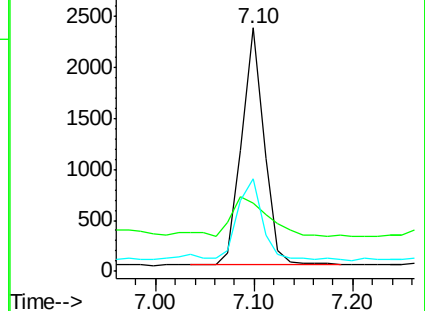
71 39.6 0.0 0.0#



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: 0.224 ng

RT: 7.36 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

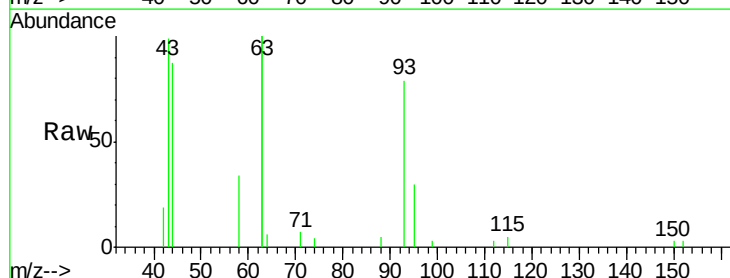
Tgt Ion: 93 Resp: 2667

Ion Ratio Lower Upper

93 100

63 325.8 0.0 0.0#

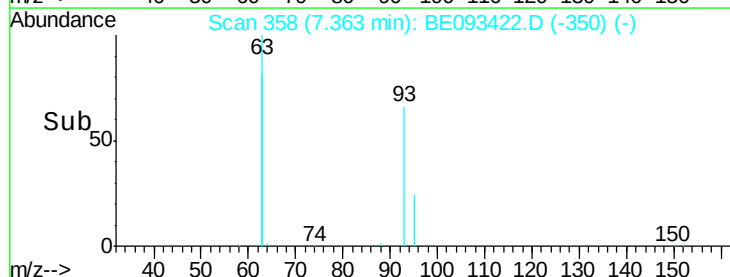
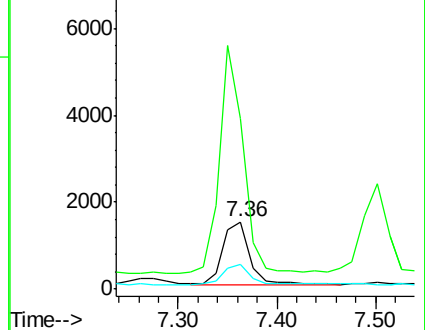
95 32.5 25.4 38.0

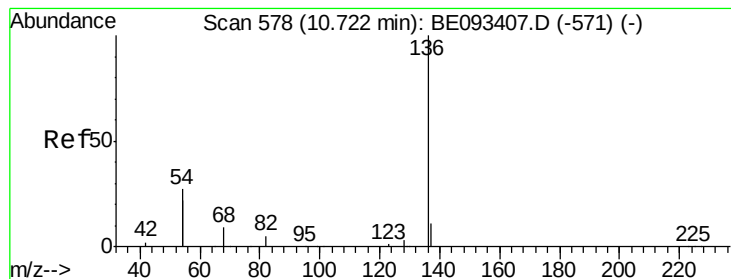


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

Tgt Ion:136 Resp: 16860

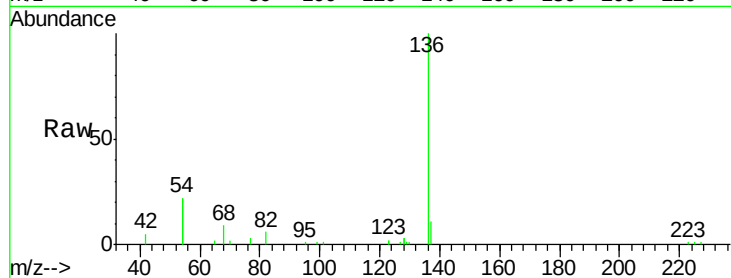
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 44.5 10.3 15.5#

68 9.1 9.0 13.4

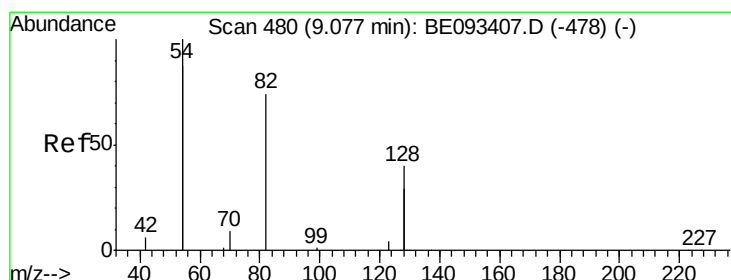
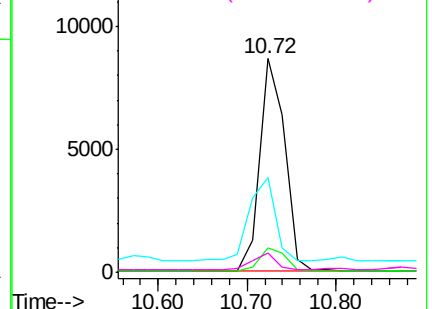
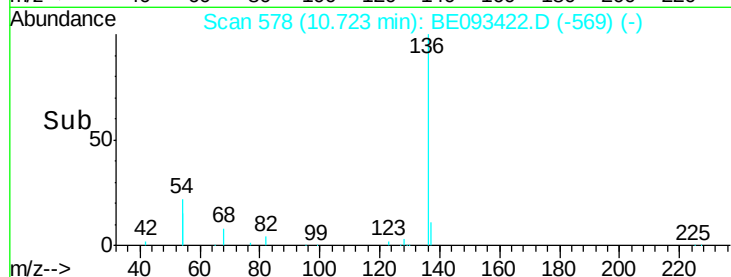


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.267 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

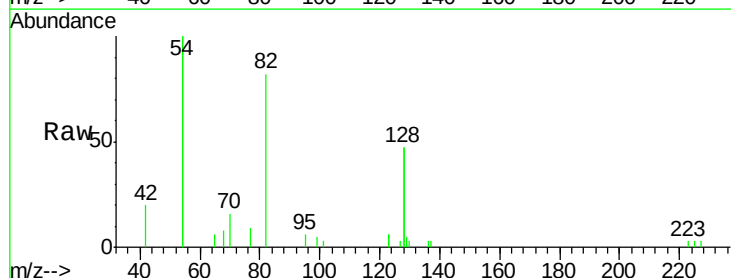
Tgt Ion: 82 Resp: 2877

Ion Ratio Lower Upper

82 100

128 114.8 17.0 25.4#

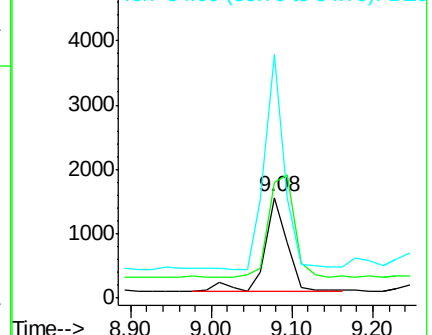
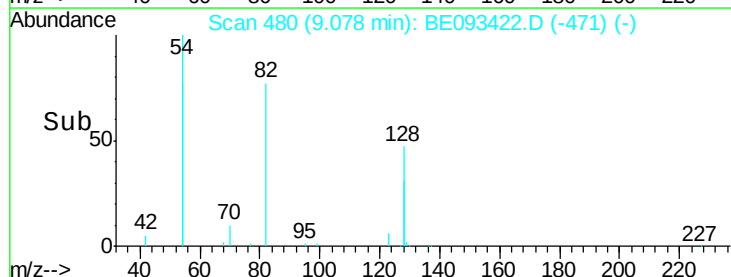
54 242.7 53.8 80.6#

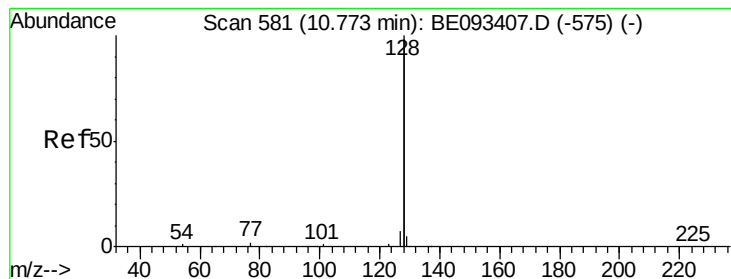


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.235 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

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ClientSampleId :

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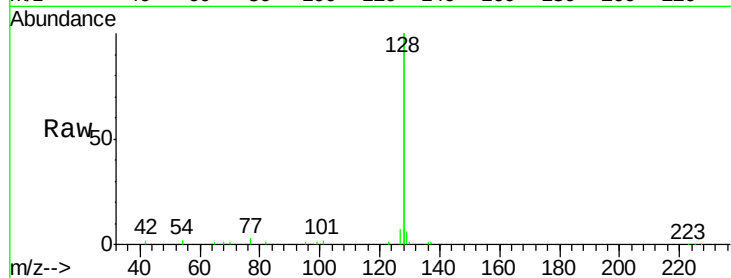
Tgt Ion:128 Resp: 41439

Ion Ratio Lower Upper

128 100

129 3.0 11.4 17.0#

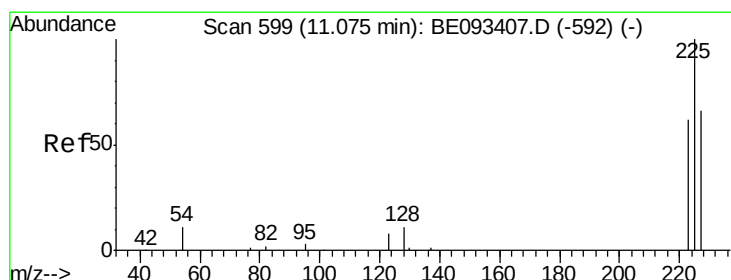
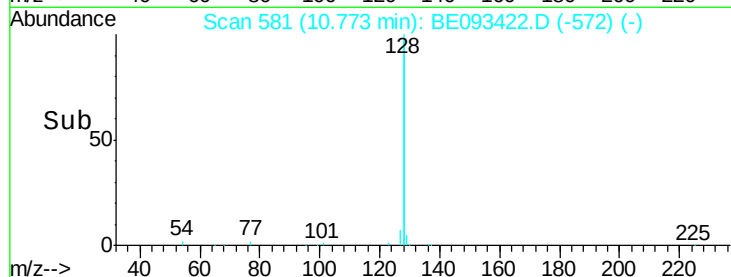
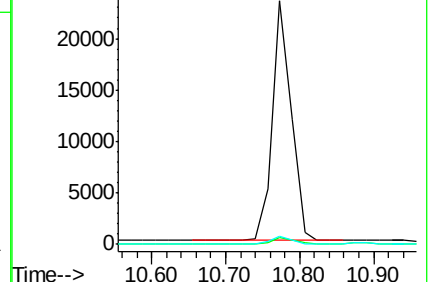
127 3.6 11.2 16.8#



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: 0.175 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

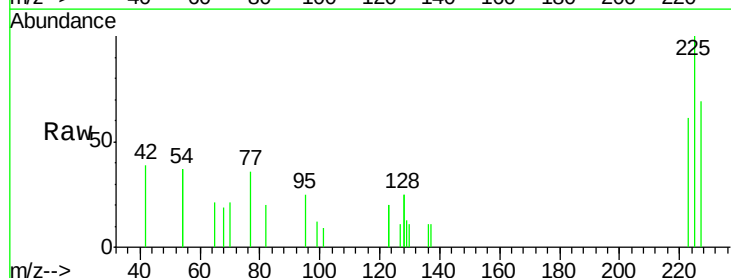
Tgt Ion:225 Resp: 1176

Ion Ratio Lower Upper

225 100

223 60.7 49.7 74.5

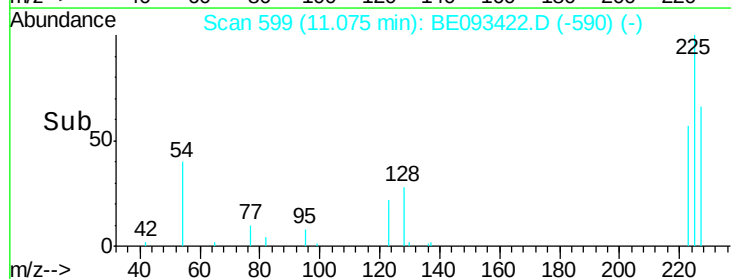
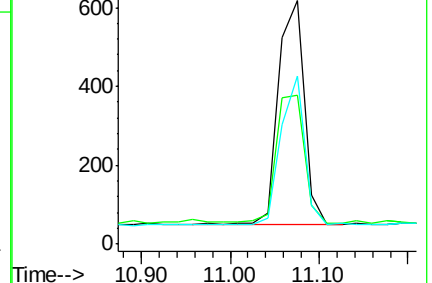
227 60.7 50.3 75.5

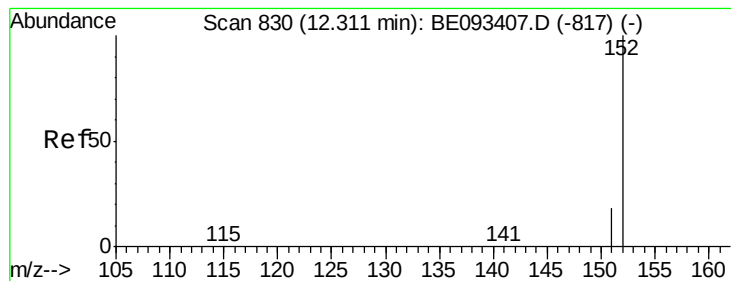


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.160 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093422.D

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ClientSampleId :

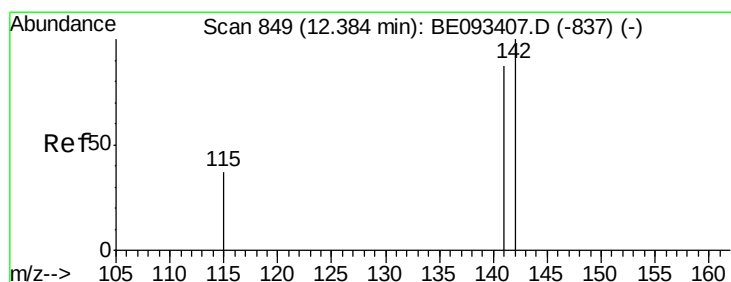
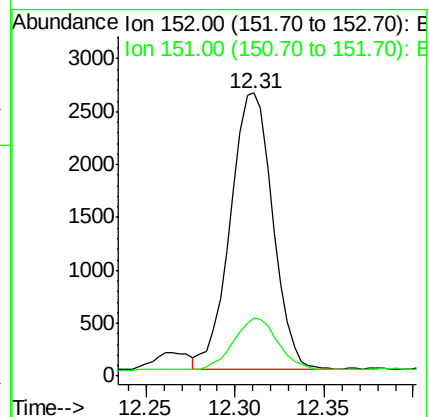
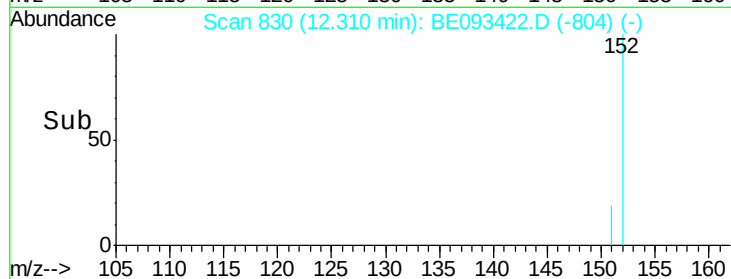
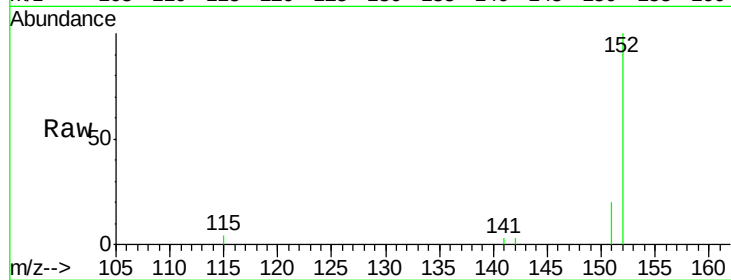
NC-TS-001MS

Tgt Ion:152 Resp: 4302

Ion Ratio Lower Upper

152 100

151 19.8 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.221 ng

RT: 12.38 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

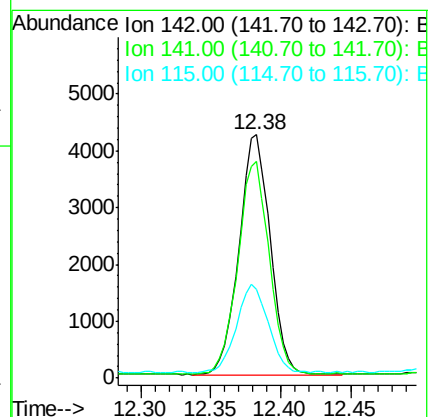
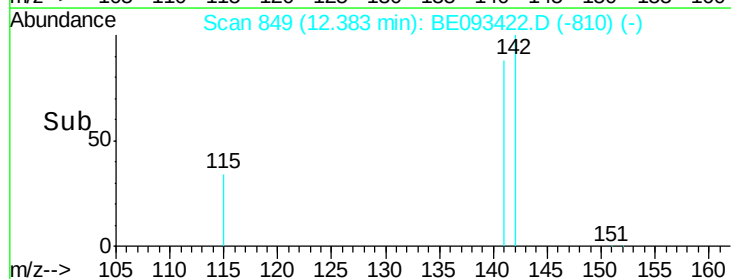
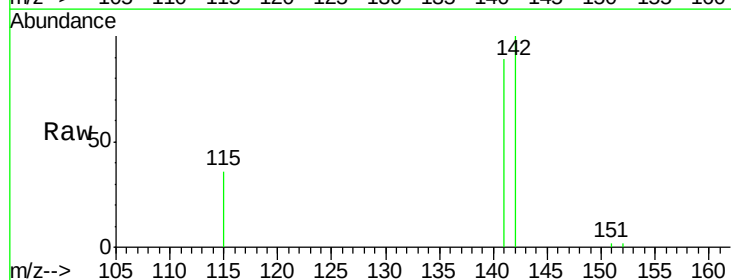
Tgt Ion:142 Resp: 6547

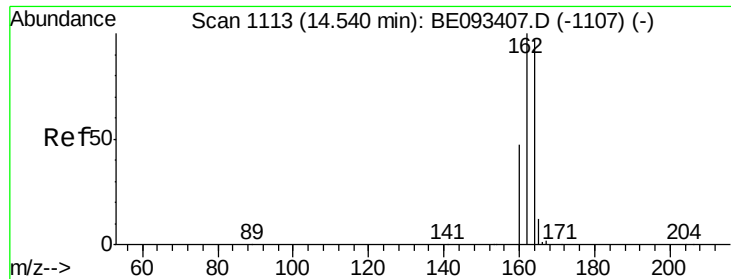
Ion Ratio Lower Upper

142 100

141 88.9 72.6 108.8

115 36.4 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

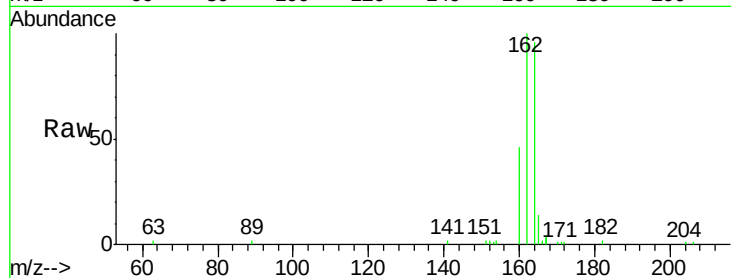
Tgt Ion:164 Resp: 9365

Ion Ratio Lower Upper

164 100

162 103.9 84.6 127.0

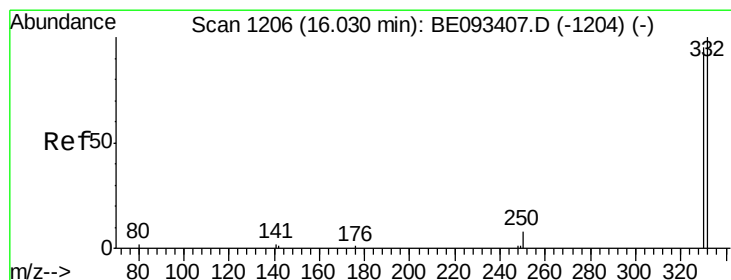
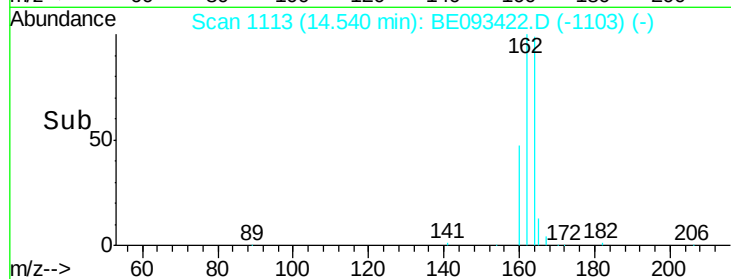
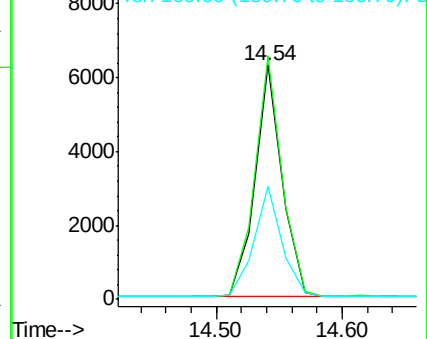
160 48.0 41.8 62.6



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: 0.197 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

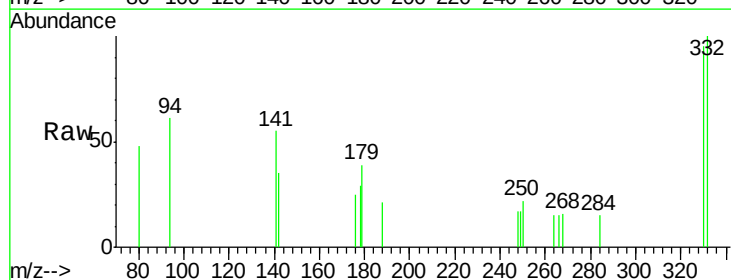
Tgt Ion:330 Resp: 581

Ion Ratio Lower Upper

330 100

332 105.3 77.7 116.5

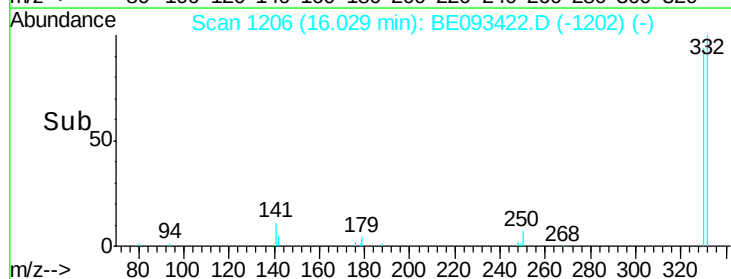
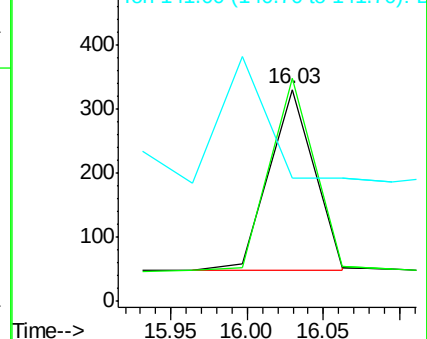
141 0.0 56.2 84.4#

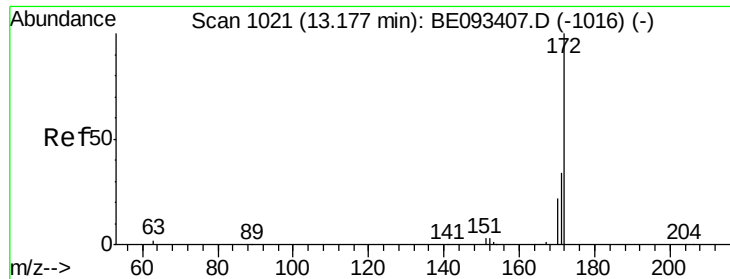


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

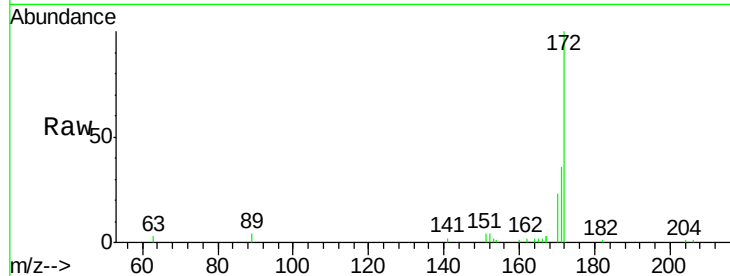




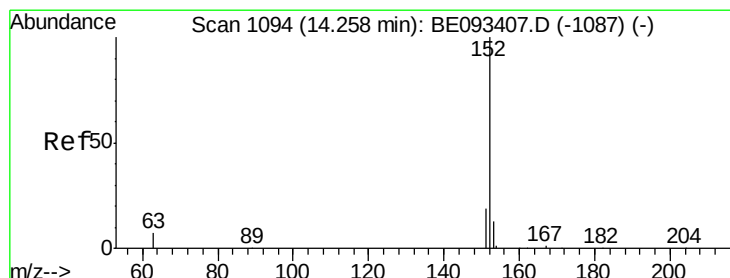
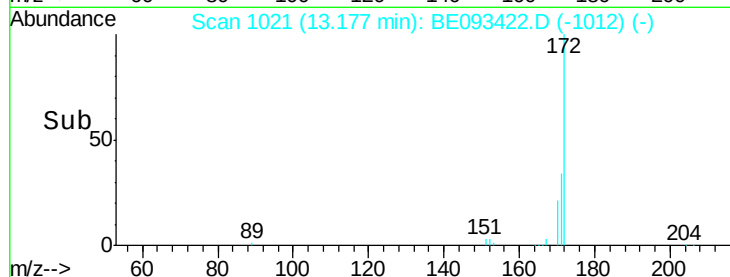
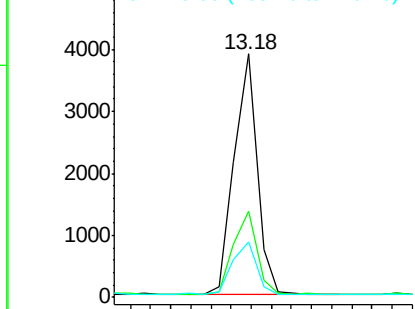
#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :
NC-TS-001MS

Tgt Ion:172 Resp: 6123
Ion Ratio Lower Upper
172 100
171 35.5 29.8 44.6
170 22.7 20.7 31.1

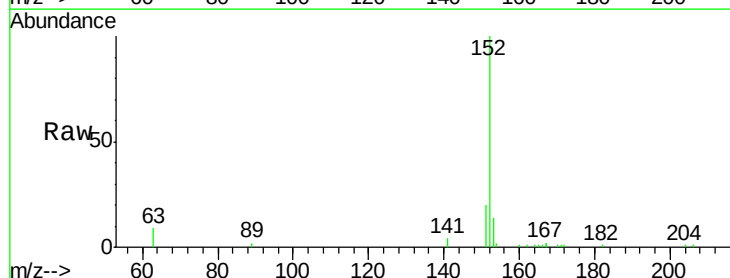


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

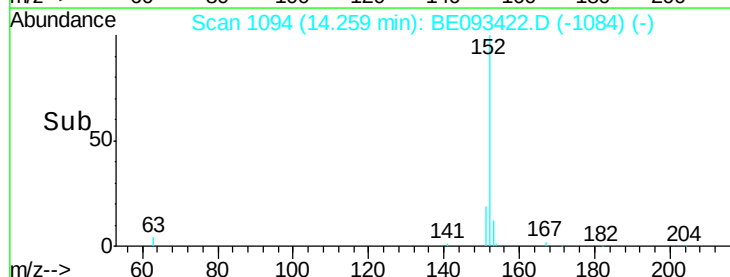
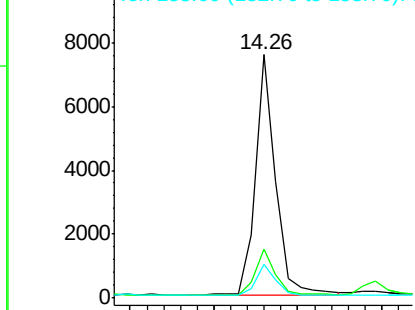


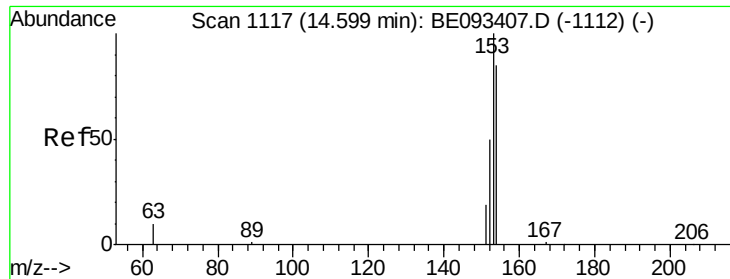
#16
Acenaphthylene
Concen: 0.325 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:152 Resp: 12679
Ion Ratio Lower Upper
152 100
151 19.9 4.0 6.0#
153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.280 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

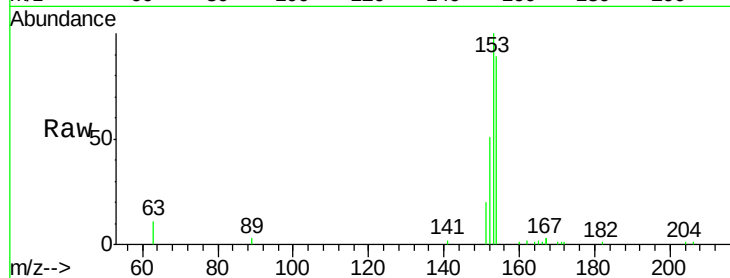
Tgt Ion:154 Resp: 8005

Ion Ratio Lower Upper

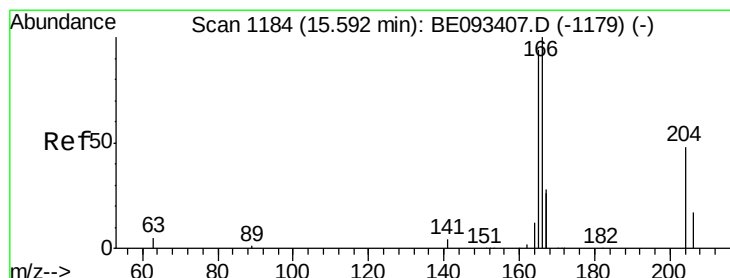
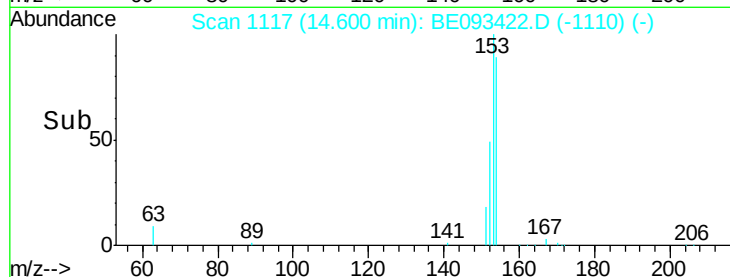
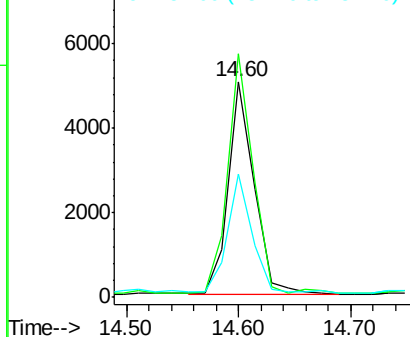
154 100

153 109.6 91.2 136.8

152 53.6 44.8 67.2



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



#18

Fluorene

Concen: 0.279 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

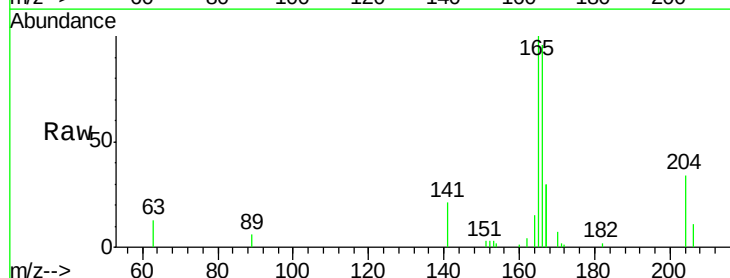
Tgt Ion:166 Resp: 10954

Ion Ratio Lower Upper

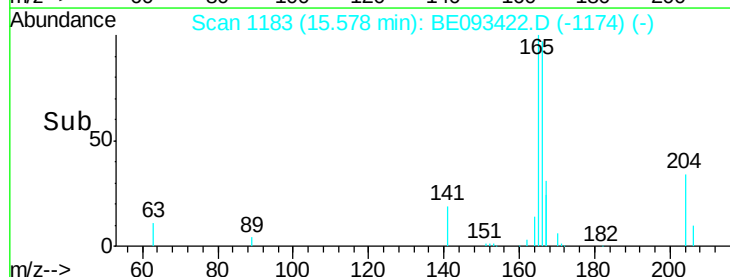
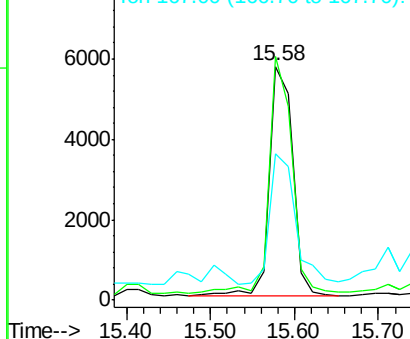
166 100

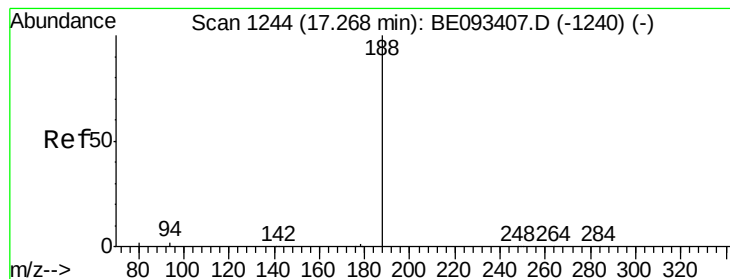
165 100.5 78.6 117.8

167 63.0 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: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

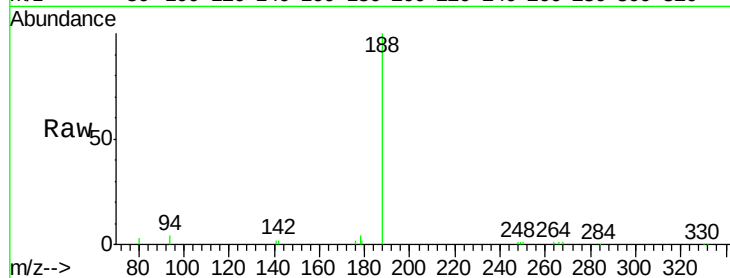
Tgt Ion:188 Resp: 25009

Ion Ratio Lower Upper

188 100

94 4.1 11.3 16.9#

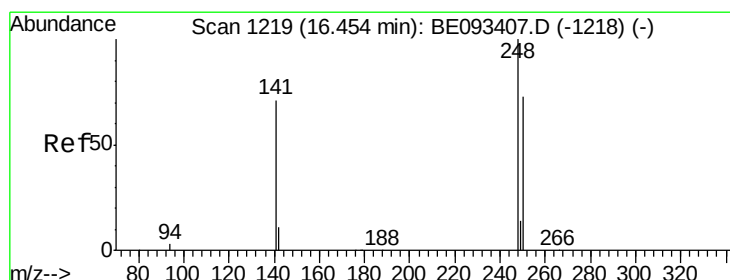
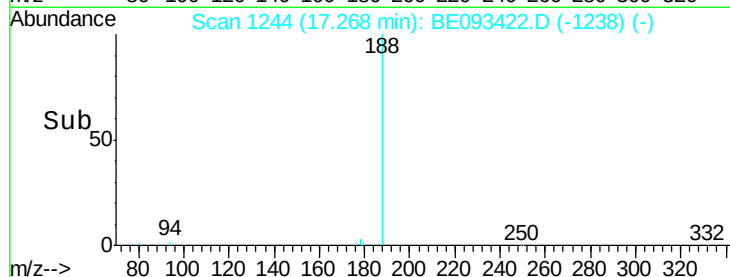
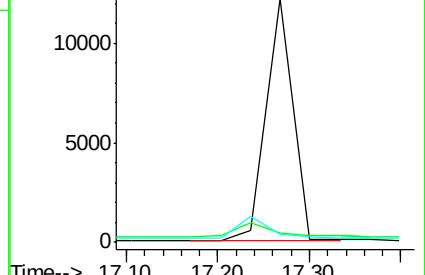
80 3.3 11.7 17.5#



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: 0.183 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

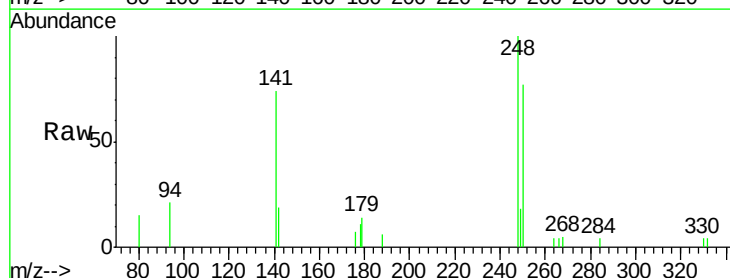
Tgt Ion:248 Resp: 2513

Ion Ratio Lower Upper

248 100

250 77.2 40.8 61.2#

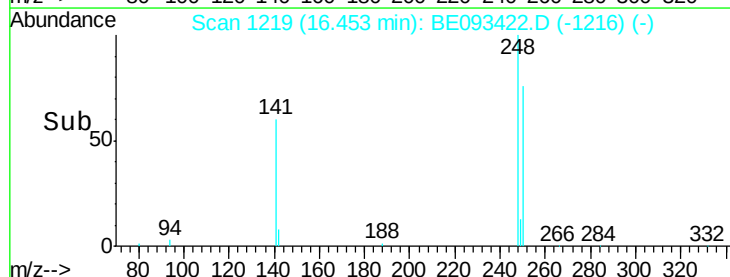
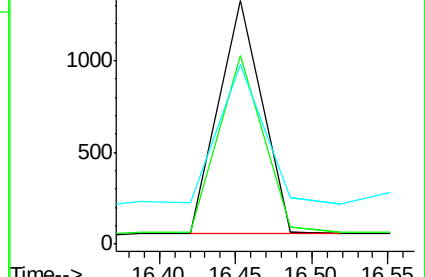
141 74.0 161.6 242.4#

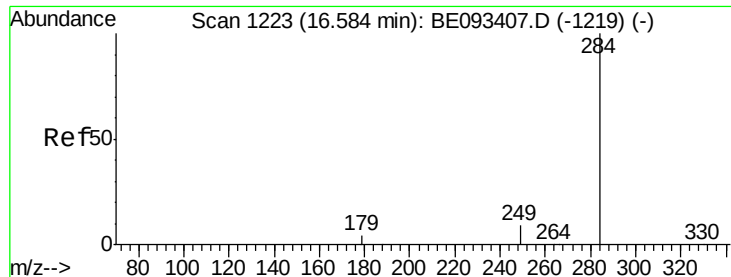


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.168 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

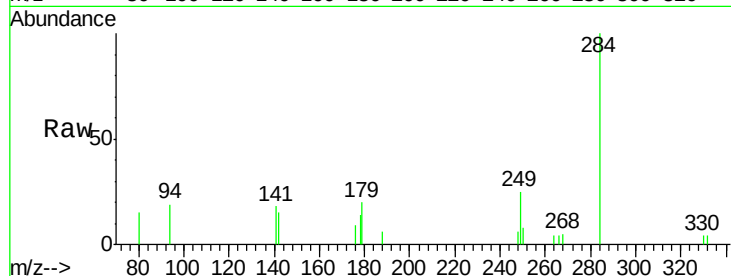
Tgt Ion:284 Resp: 2486

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

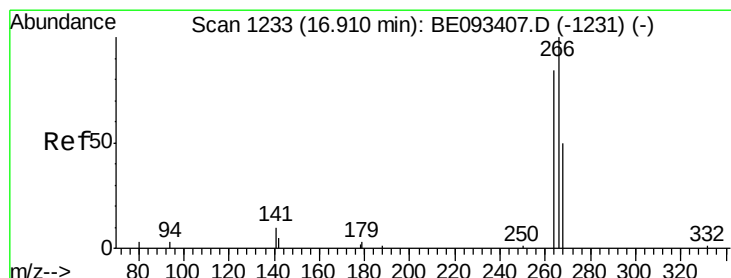
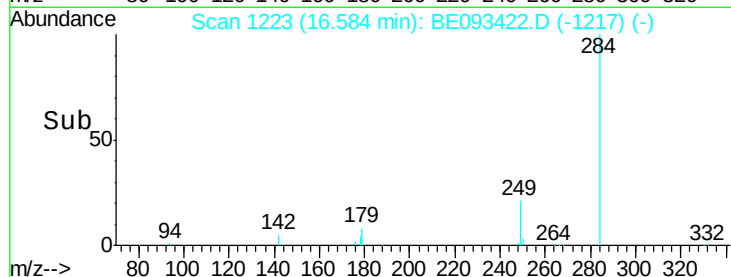
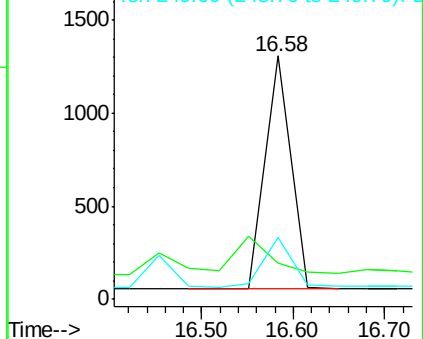
249 23.9 0.0 0.0#



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: 0.737 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

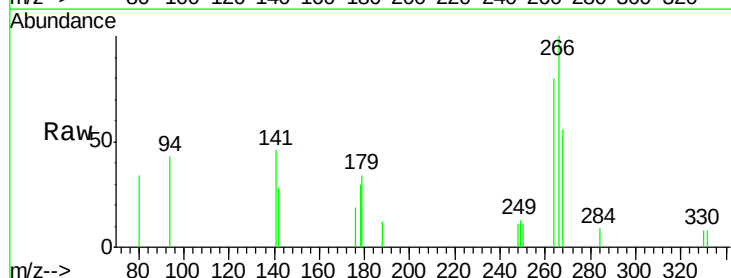
Tgt Ion:266 Resp: 1443

Ion Ratio Lower Upper

266 100

264 79.5 58.2 87.2

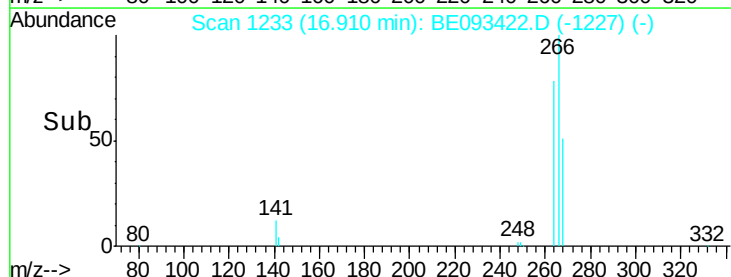
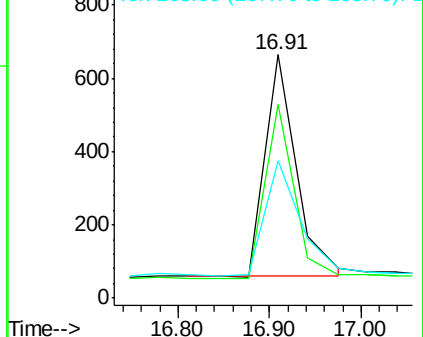
268 56.2 71.9 107.9#

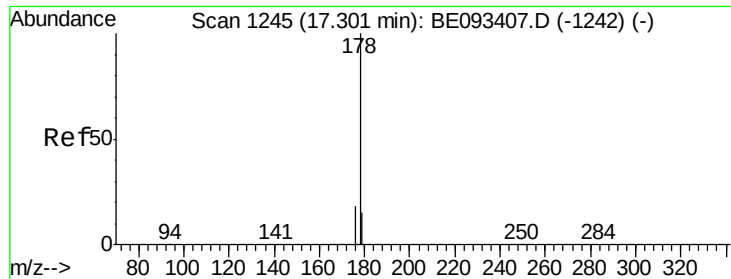


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.253 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

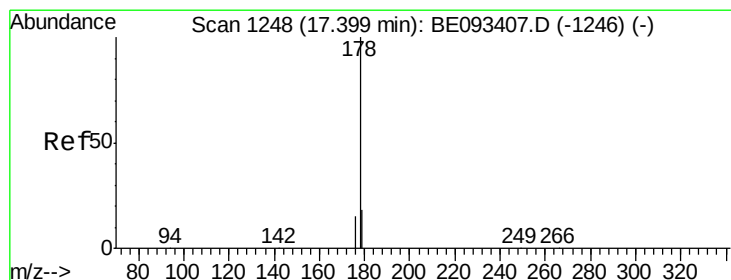
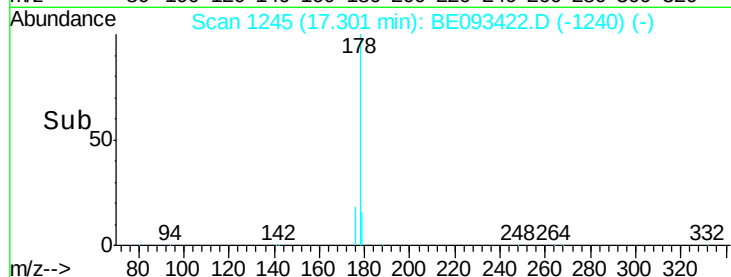
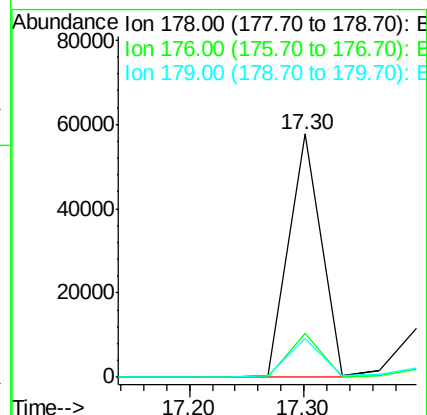
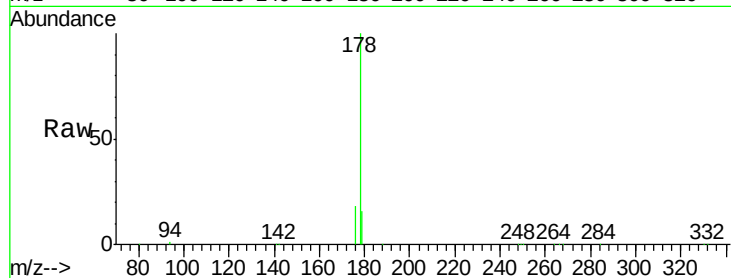
Tgt Ion:178 Resp: 113905

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

179 16.1 12.7 19.1



#24

Anthracene

Concen: 0.414 ng m

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

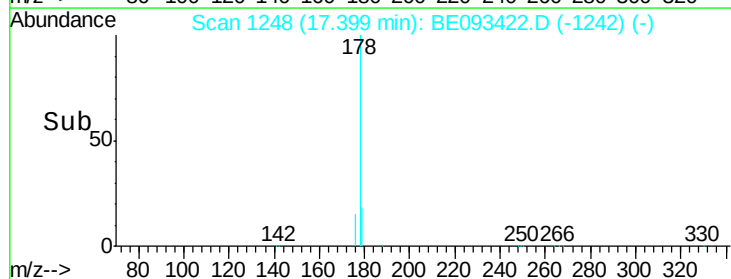
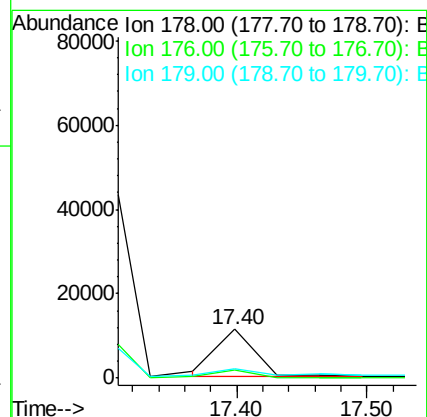
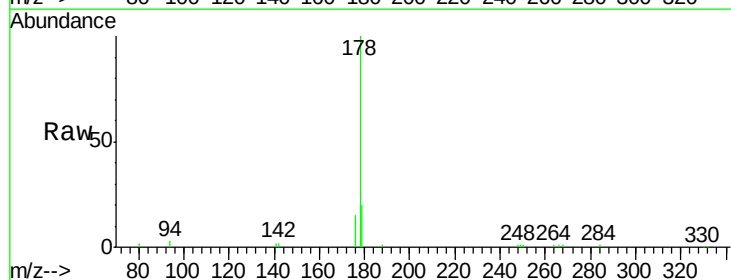
Tgt Ion:178 Resp: 23060

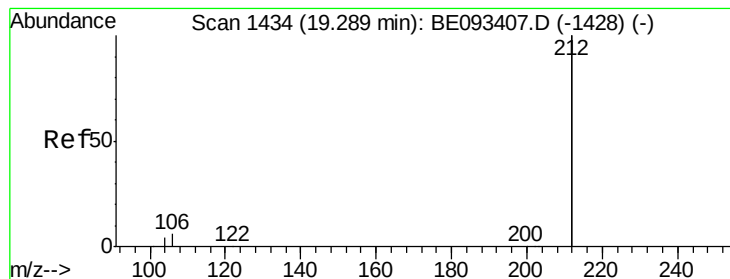
Ion Ratio Lower Upper

178 100

176 88.0 14.6 22.0#

179 81.4 12.0 18.0#





#25

Fluoranthene-d10

Concen: 0.165 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

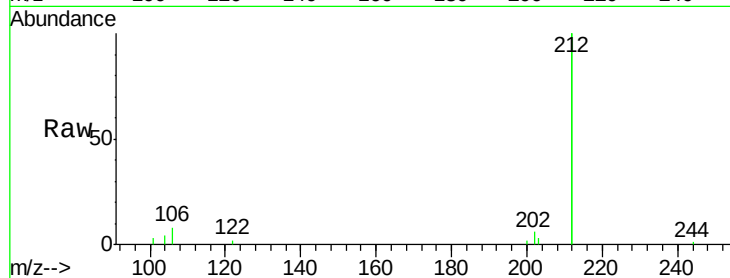
Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

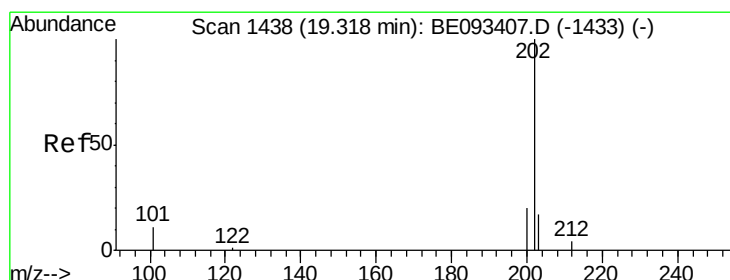
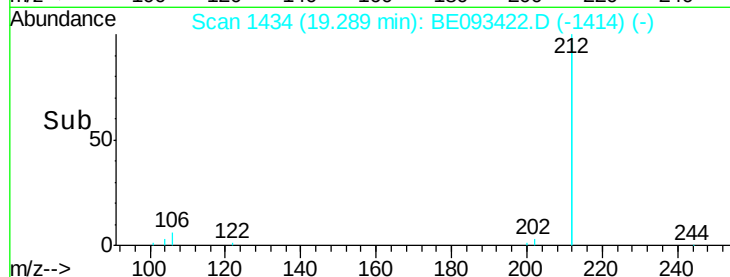
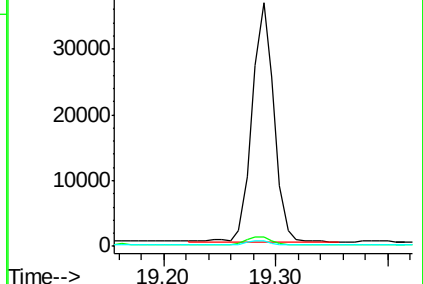
Tgt Ion:	212	Resp:	49851
Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.4	3.6
104	2.6	1.6	2.4#



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: 2.731 ng

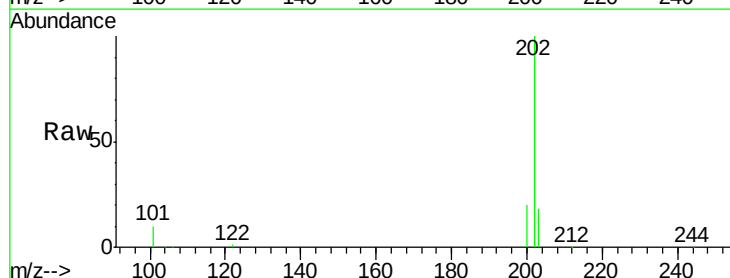
RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

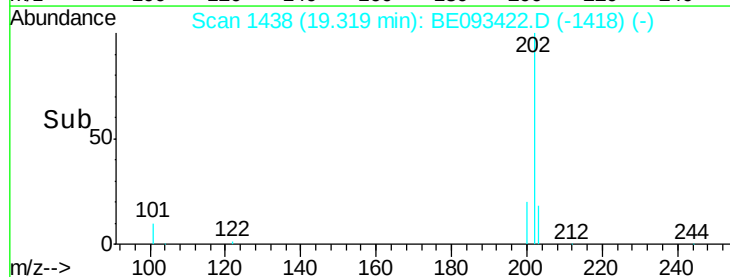
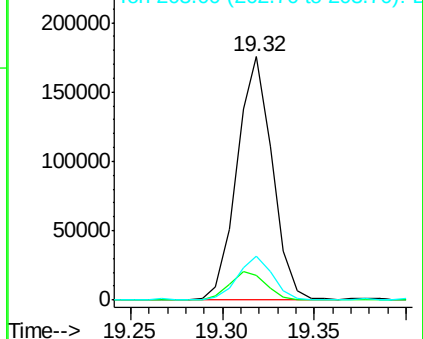
Tgt Ion:	202	Resp:	233381
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.2	14.4	21.6

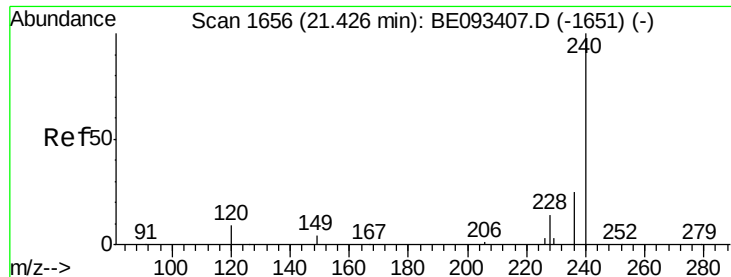


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

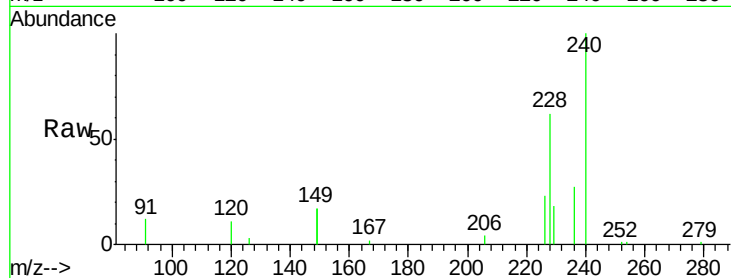
Tgt Ion:240 Resp: 37856

Ion Ratio Lower Upper

240 100

120 11.4 4.6 7.0#

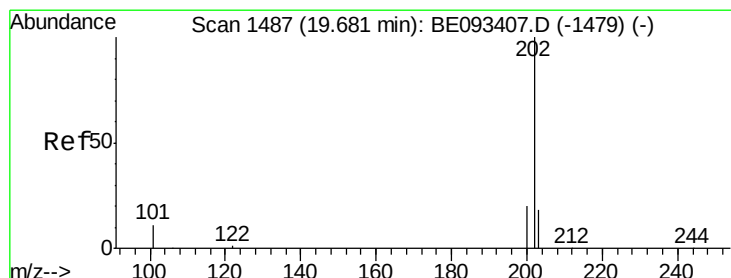
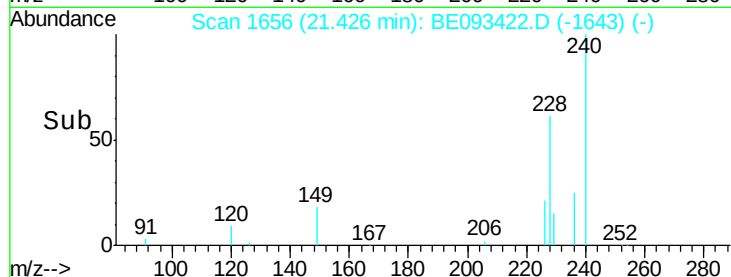
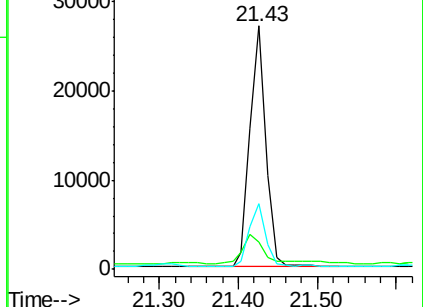
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 2.194 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

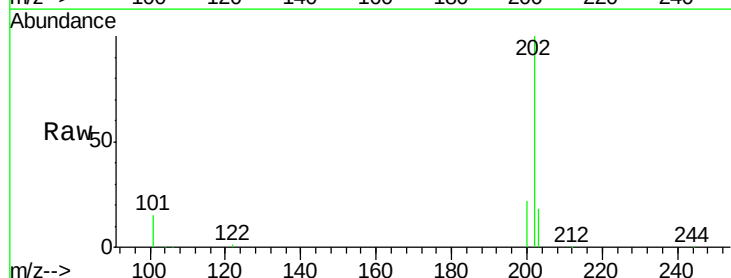
Tgt Ion:202 Resp: 233428

Ion Ratio Lower Upper

202 100

200 21.2 0.0 0.0#

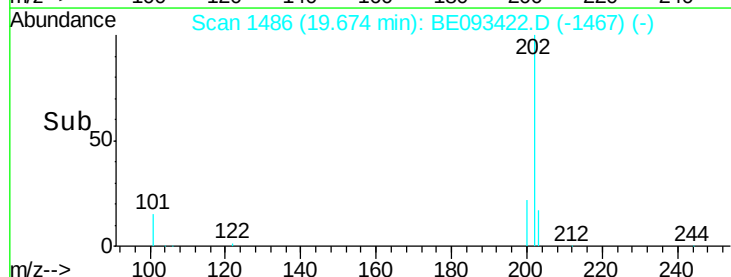
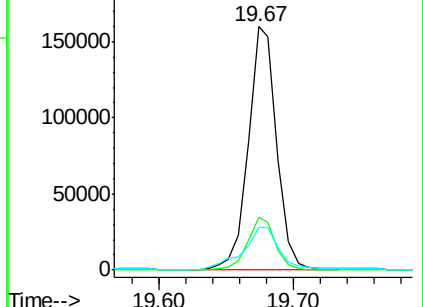
203 22.3 13.7 20.5#

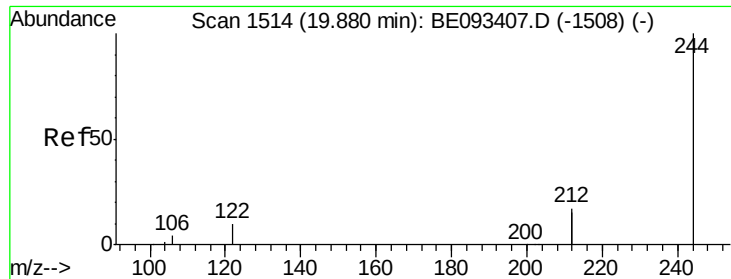


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.130 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

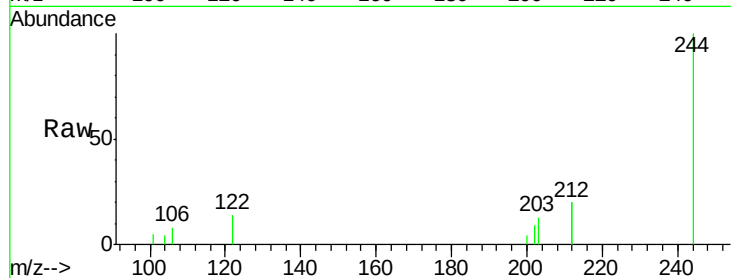
Tgt Ion:244 Resp: 8768

Ion Ratio Lower Upper

244 100

212 40.2 10.6 16.0#

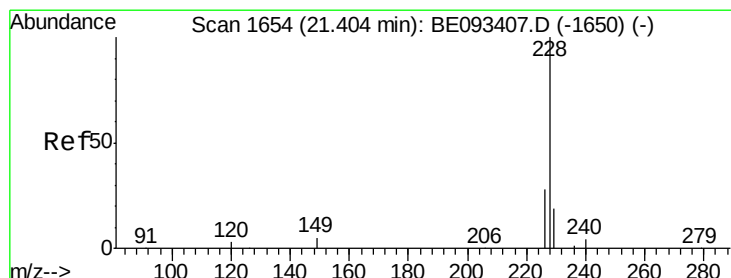
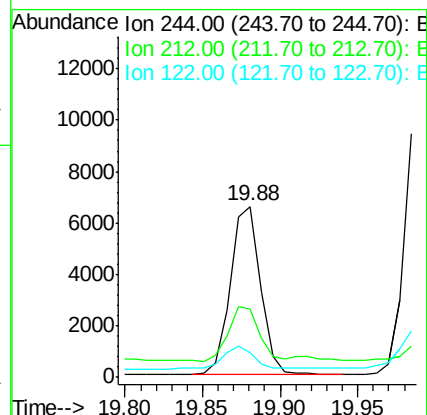
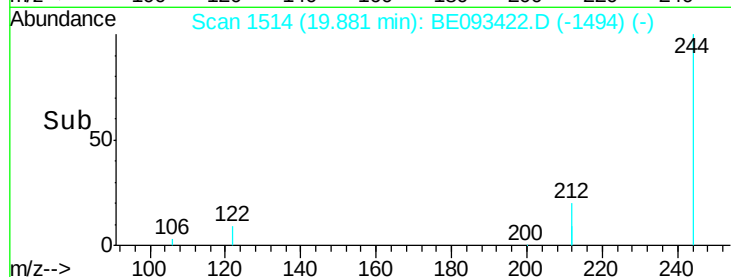
122 14.3 15.4 23.0#



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: 1.485 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

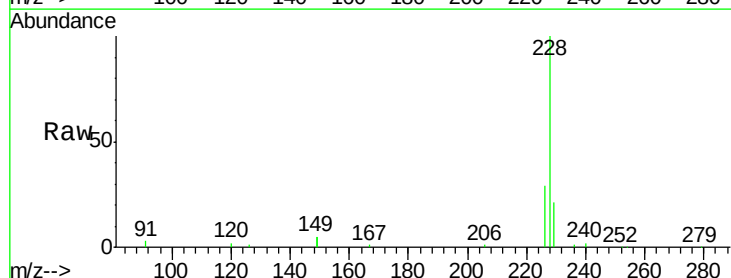
Tgt Ion:228 Resp: 151708

Ion Ratio Lower Upper

228 100

226 28.6 19.7 29.5

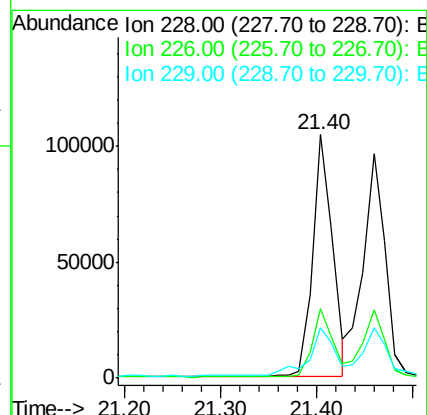
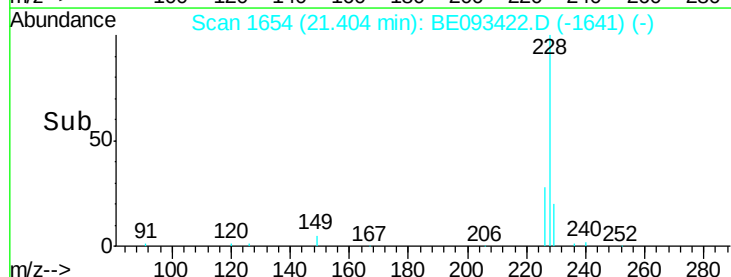
229 20.8 19.2 28.8

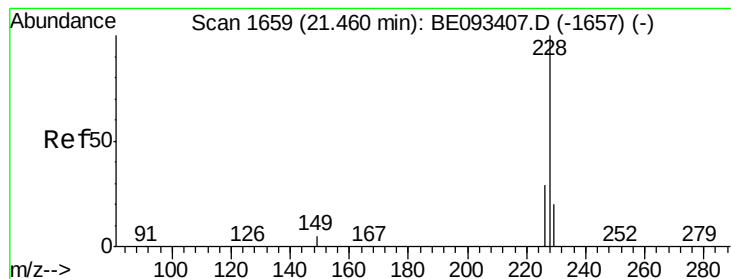


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.441 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

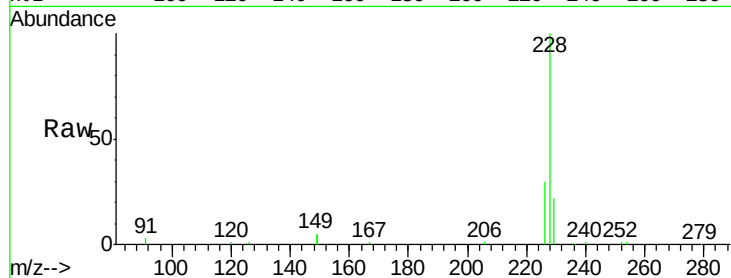
Tgt Ion:228 Resp: 154010

Ion Ratio Lower Upper

228 100

226 30.5 21.5 32.3

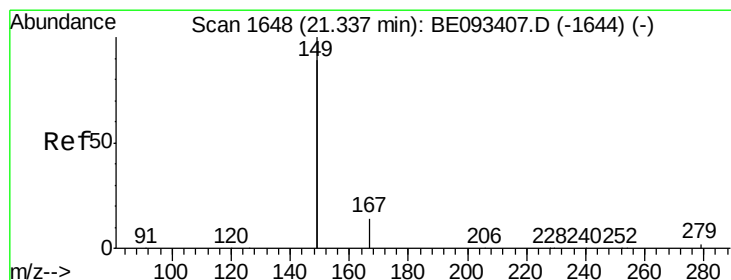
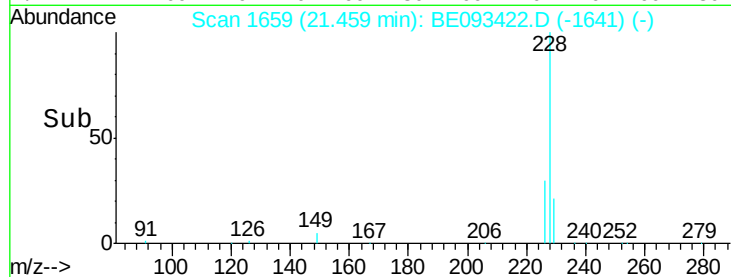
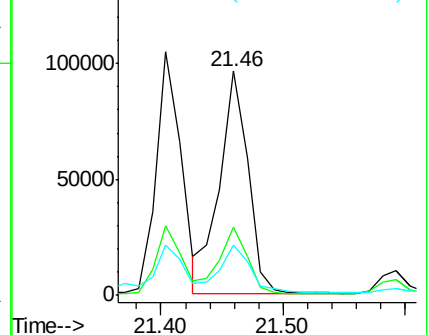
229 22.3 18.6 28.0



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: 0.831 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

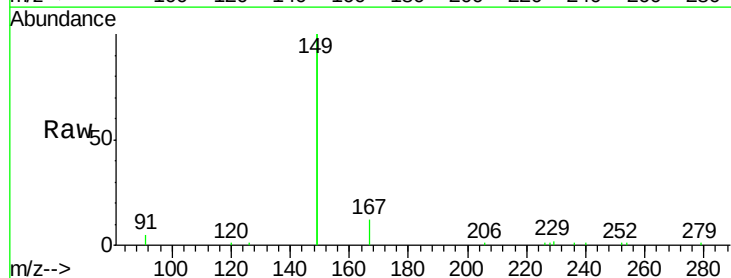
Tgt Ion:149 Resp: 122311

Ion Ratio Lower Upper

149 100

167 6.1 20.1 30.1#

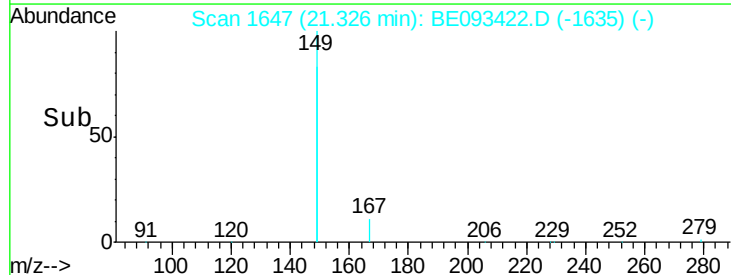
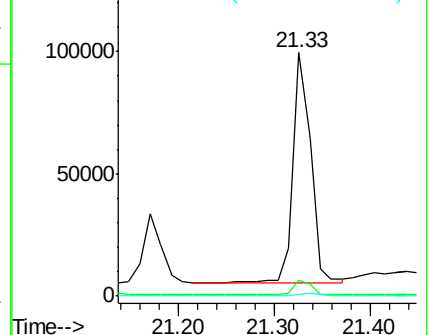
279 0.9 2.2 3.4#

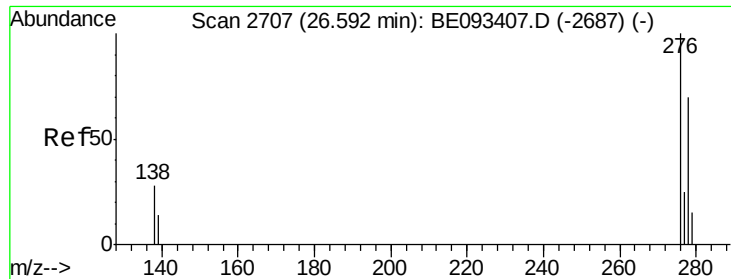


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

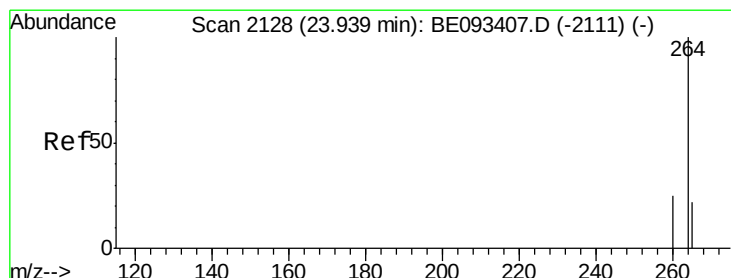
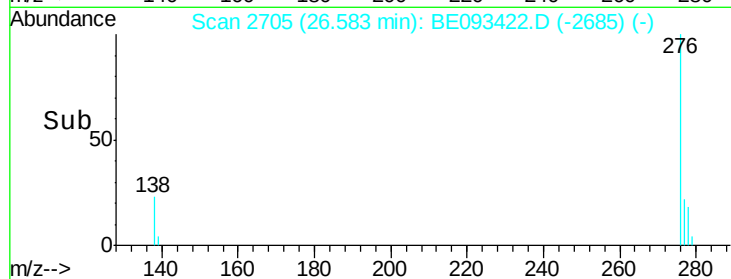
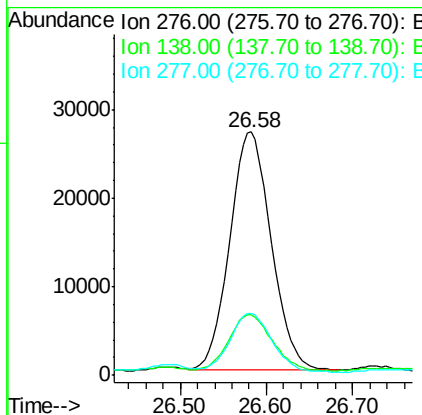
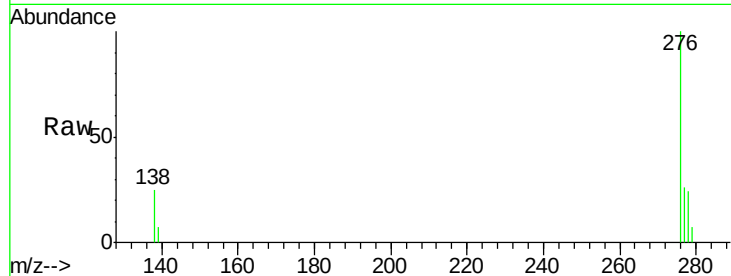




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.953 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BE093422.D
 Acq: 3 Jul 2017 10:35

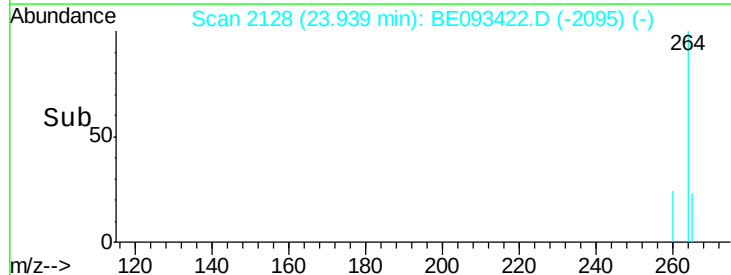
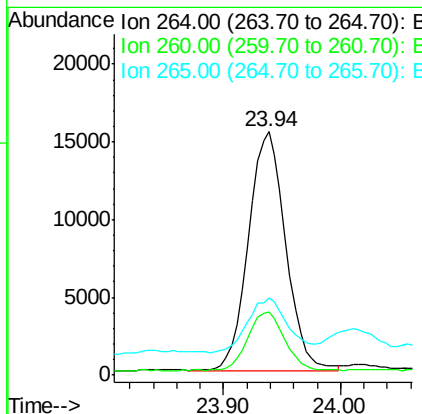
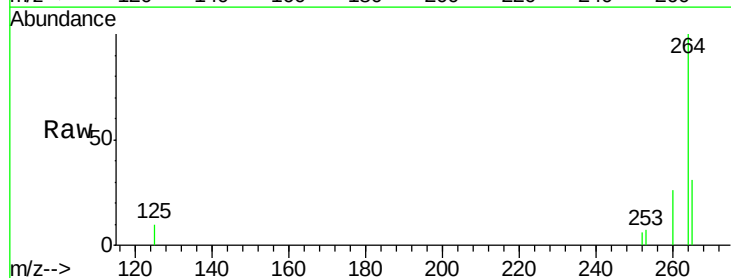
Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-001MS

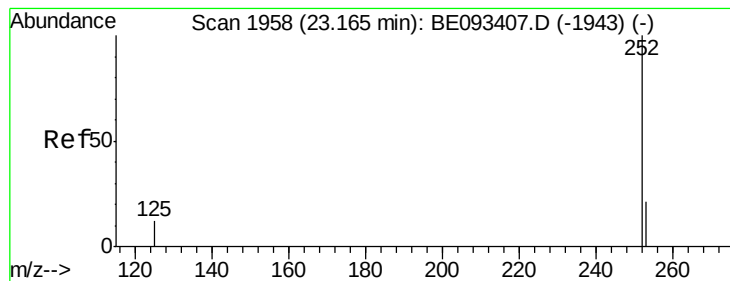
Tgt Ion:276 Resp: 89432
 Ion Ratio Lower Upper
 276 100
 138 25.0 27.4 41.2#
 277 25.0 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093422.D
 Acq: 3 Jul 2017 10:35

Tgt Ion:264 Resp: 33940
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.0 31.4
 265 31.5 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 1.660 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

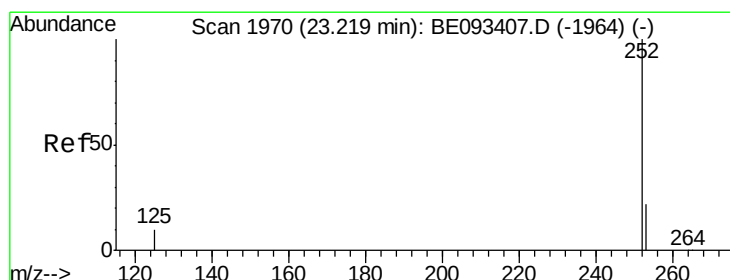
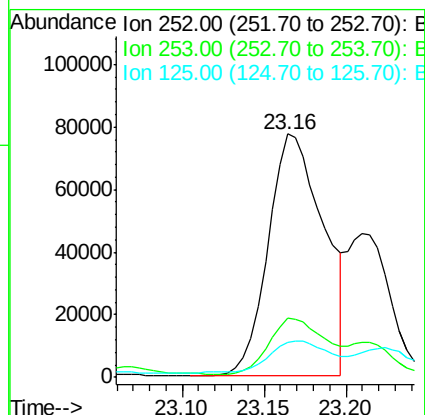
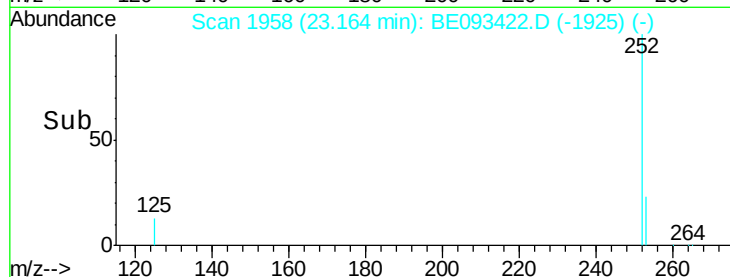
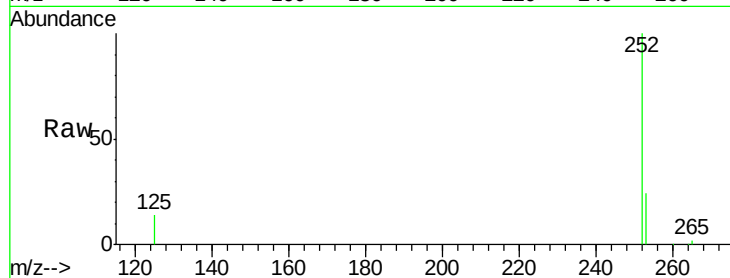
Tgt Ion:252 Resp: 181942

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

125 14.5 13.4 20.0



#36

Benzo(k)fluoranthene

Concen: 0.758 ng m

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

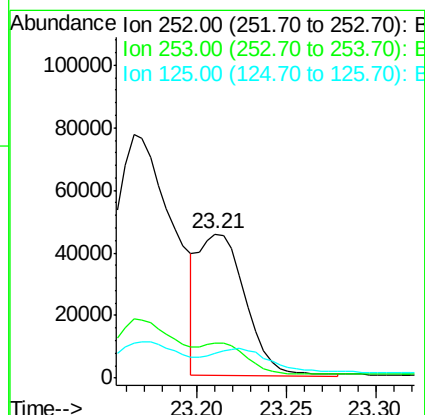
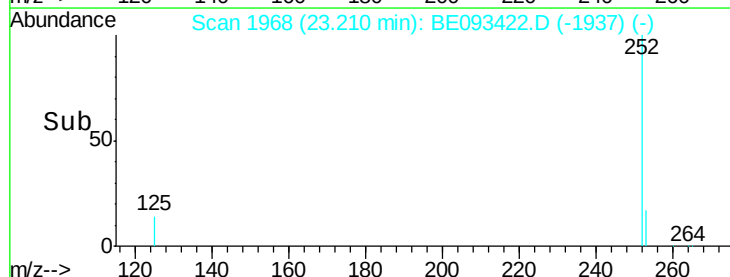
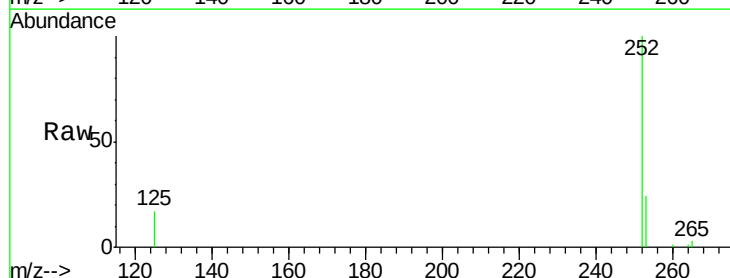
Tgt Ion:252 Resp: 82154

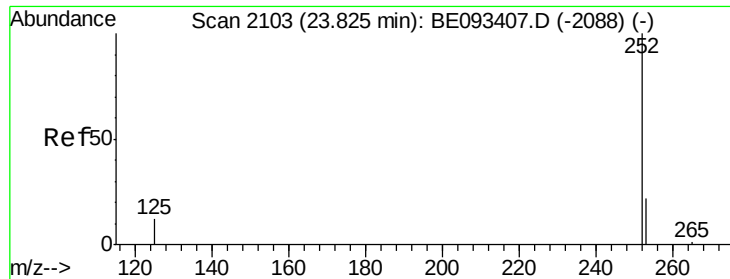
Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

125 17.2 12.2 18.4





#37

Benzo(a)pyrene

Concen: 1.485 ng m

RT: 23.82 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS

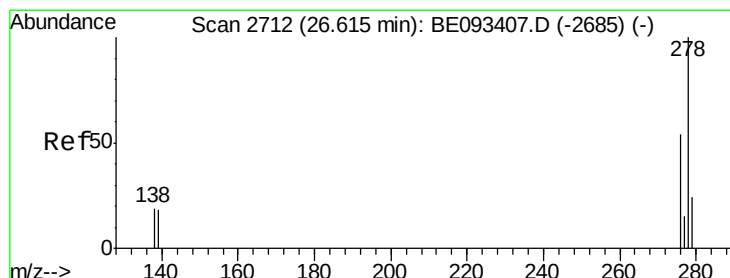
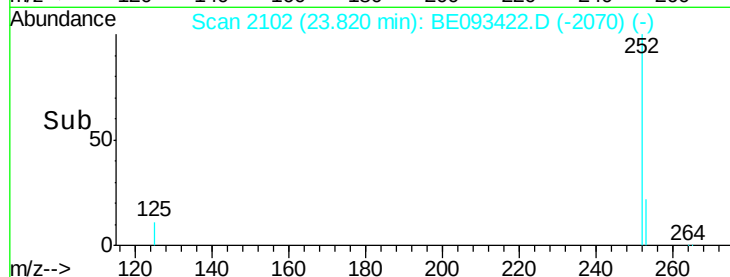
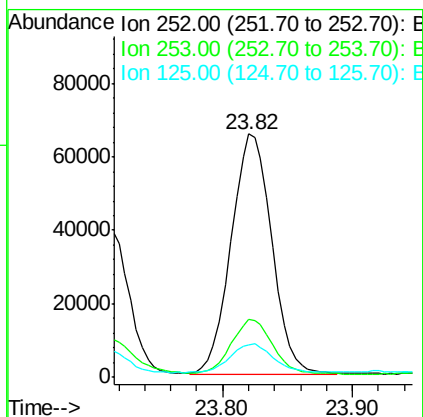
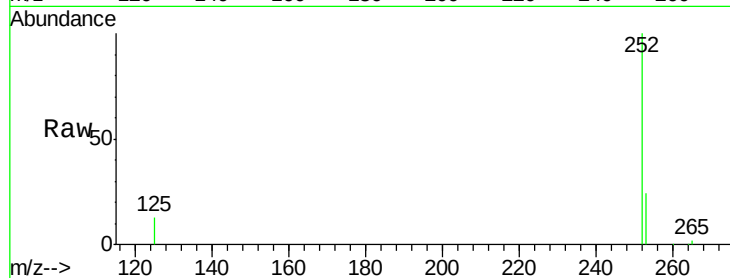
Tgt Ion: 252 Resp: 142560

Ion Ratio Lower Upper

252 100

253 23.9 19.9 29.9

125 13.4 14.6 21.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.329 ng

RT: 26.60 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE093422.D

Acq: 3 Jul 2017 10:35

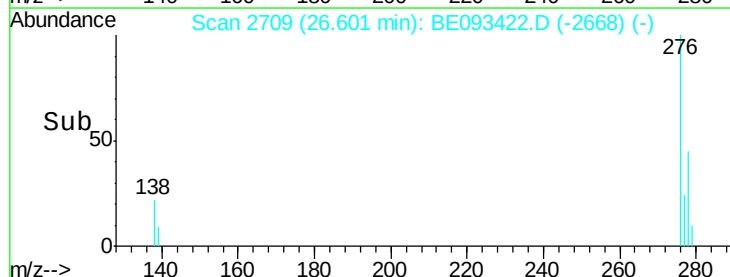
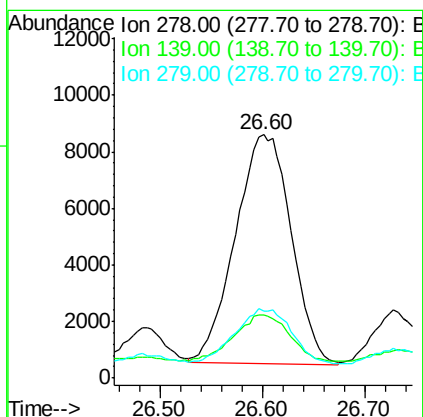
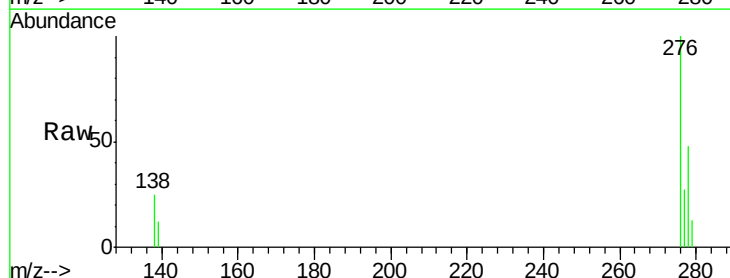
Tgt Ion: 278 Resp: 30640

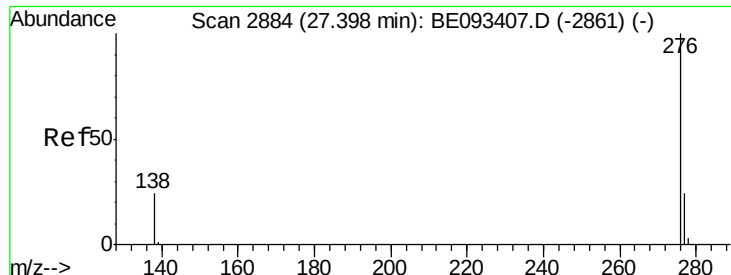
Ion Ratio Lower Upper

278 100

139 26.1 21.4 32.0

279 27.3 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 0.946 ng

RT: 27.40 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE093422.D

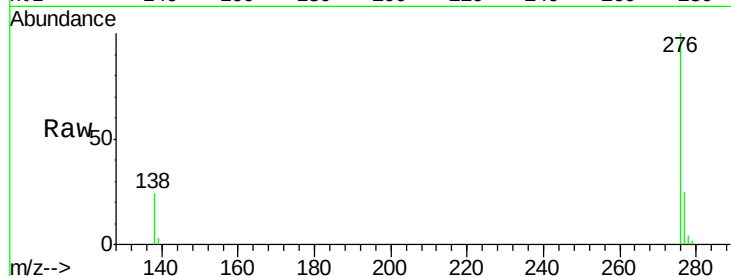
Acq: 3 Jul 2017 10:35

Instrument :

BNA_E

ClientSampleId :

NC-TS-001MS



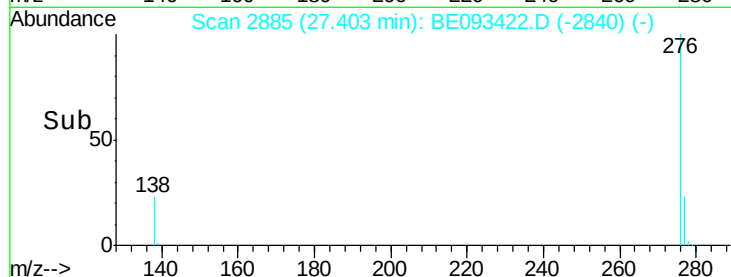
Tgt Ion: 276 Resp: 89048

Ion Ratio Lower Upper

276 100

277 24.5 21.2 31.8

138 24.5 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

