

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
 Data File : BE093426.D
 Acq On : 6 Jul 2017 9:50
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:48:29 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	3543	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19475	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	12600	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	38101	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38025	0.40	ng	0.00
34) Perylene-d12	23.94	264	33399	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	4263	0.40	ng	0.00
5) Phenol-d6	7.10	99	6679	0.42	ng	0.00
8) Nitrobenzene-d5	9.08	82	5116	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12477	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1680	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	18922	0.39	ng	0.00
25) Fluoranthene-d10	19.29	212	151415	0.33	ng	0.00
29) Terphenyl-d14	19.88	244	27420	0.40	ng	0.00

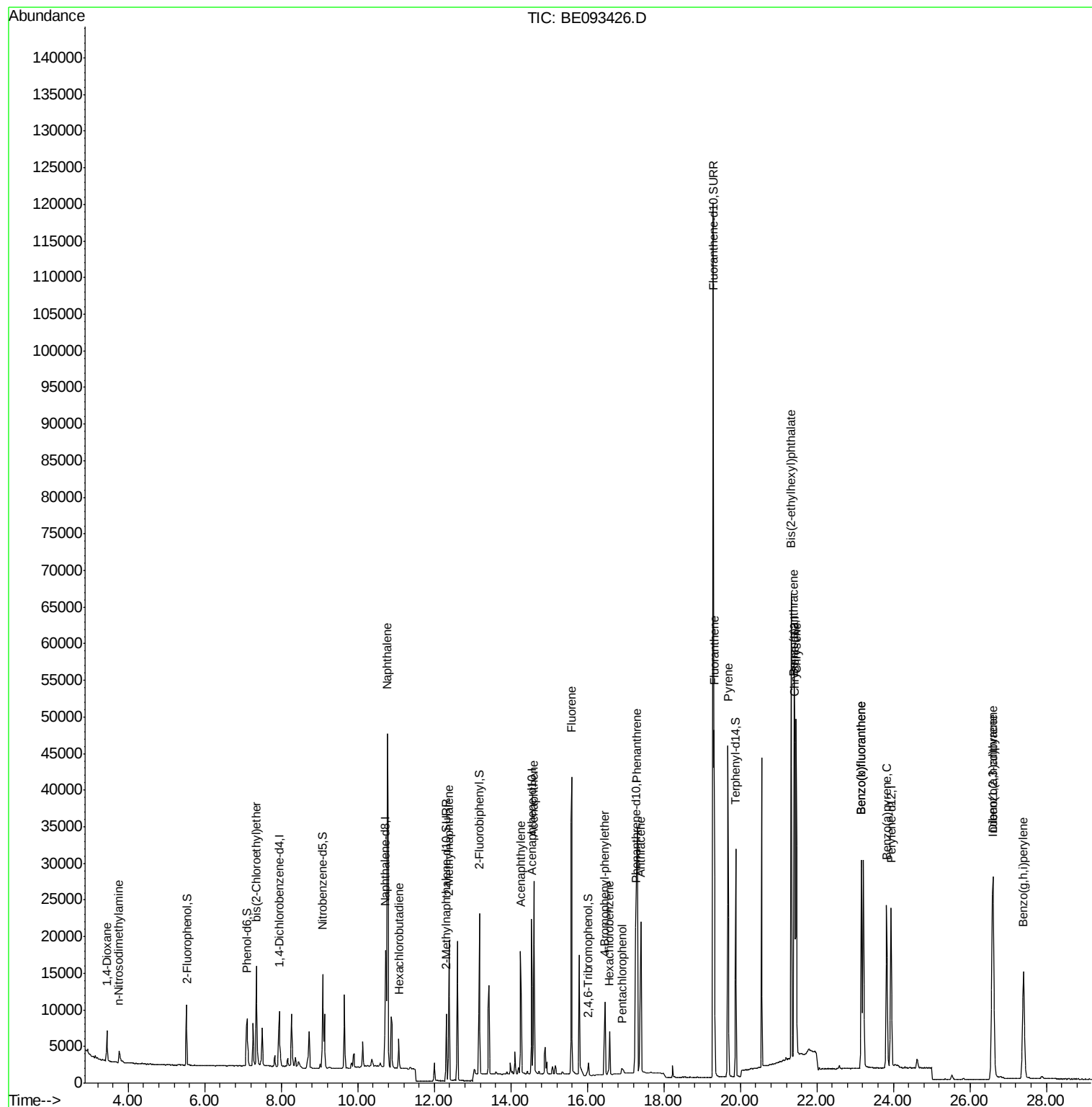
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	2852	0.38	ng	99
3) n-Nitrosodimethylamine	3.75	42	1630	0.42	ng	# 85
6) bis(2-Chloroethyl)ether	7.35	93	4706	0.40	ng	# 98
9) Naphthalene	10.77	128	78377	0.38	ng	# 73
10) Hexachlorobutadiene	11.08	225	3026	0.39	ng	97
12) 2-Methylnaphthalene	12.38	142	13680	0.40	ng	97
16) Acenaphthylene	14.26	152	20924	0.40	ng	# 88
17) Acenaphthene	14.60	154	14836	0.39	ng	98
18) Fluorene	15.59	166	19556	0.37	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	7136	0.34	ng	# 33
21) Hexachlorobenzene	16.58	284	8052	0.36	ng	# 100
22) Pentachlorophenol	16.91	266	1046	0.35	ng	# 73
23) Phenanthrene	17.30	178	49854	0.36	ng	98
24) Anthracene	17.40	178	30618	0.36	ng	94
26) Fluoranthene	19.32	202	42774	0.33	ng	98
28) Pyrene	19.68	202	43844	0.41	ng	# 99
30) Benzo(a)anthracene	21.40	228	41999	0.41	ng	# 92
31) Chrysene	21.46	228	42017	0.39	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	72428	0.49	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.59	276	39704	0.42	ng	94
35) Benzo(b)fluoranthene	23.16	252	40152	0.37	ng	97
36) Benzo(k)fluoranthene	23.16	252	40152	0.38	ng	96
37) Benzo(a)pyrene	23.82	252	36739	0.39	ng	95
38) Dibenzo(a,h)anthracene	26.61	278	35541	0.39	ng	# 91
39) Benzo(g,h,i)perylene	27.40	276	34955	0.38	ng	# 92

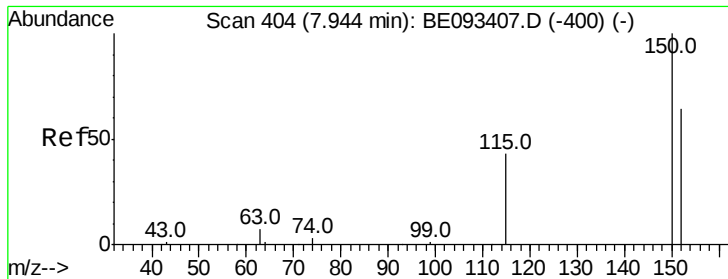
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

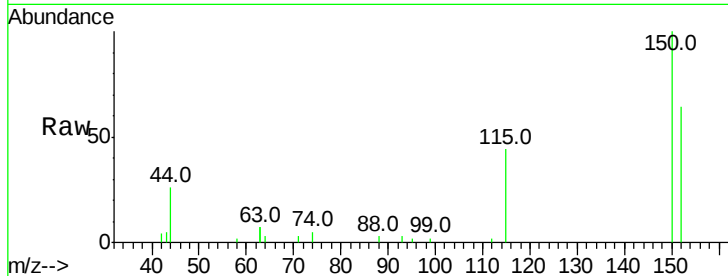
Tot Ion:152 Resp: 3543

Ion Ratio Lower Upper

152 100

150 156.7 125.1 187.7

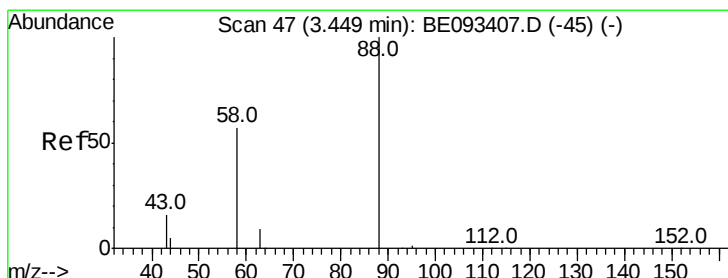
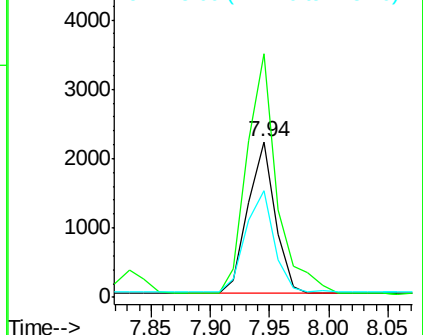
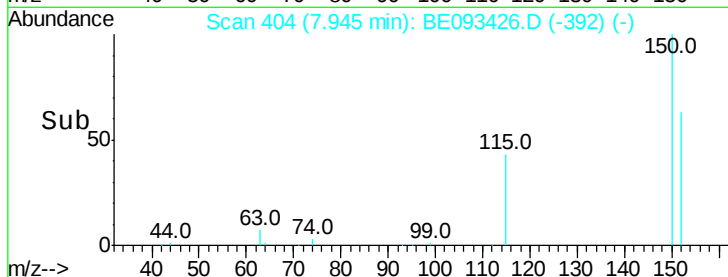
115 69.0 55.7 83.5



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: 0.38 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

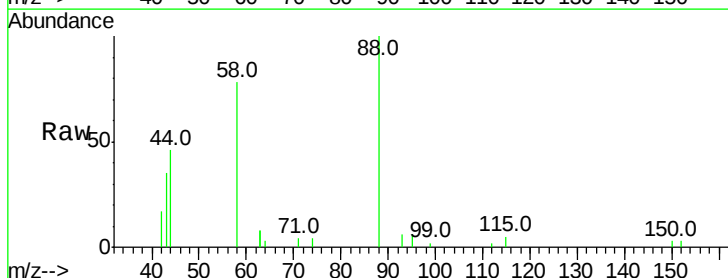
Tgt Ion: 88 Resp: 2852

Ion Ratio Lower Upper

88 100

58 77.7 62.2 93.4

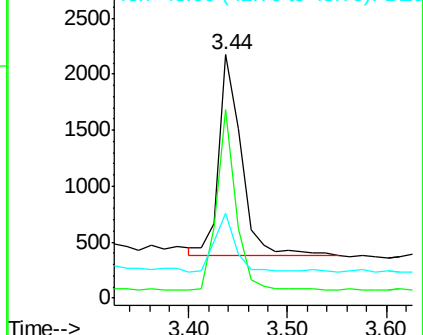
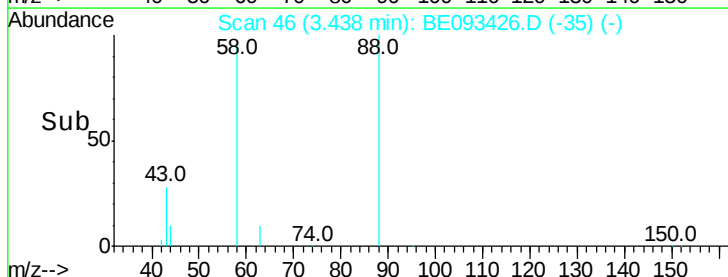
43 26.4 23.2 34.8



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: 0.42 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

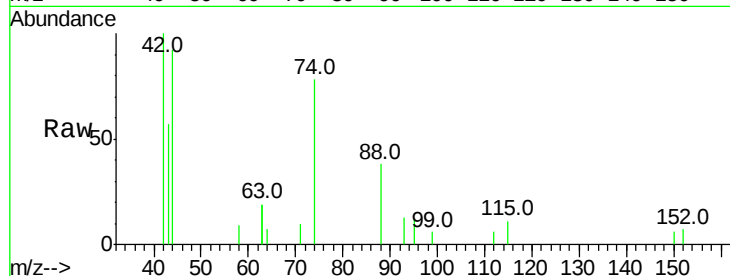
Tot Ion: 42 Resp: 1630

Ion Ratio Lower Upper

42 100

74 140.1 99.1 148.7

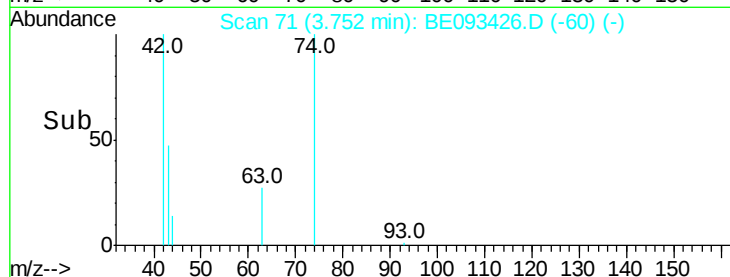
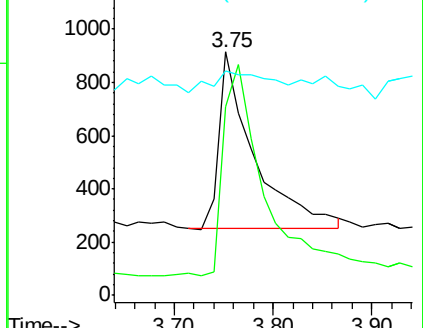
44 19.3 7.4 11.2#



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: BE093426.D

Acq: 6 Jul 2017 9:50

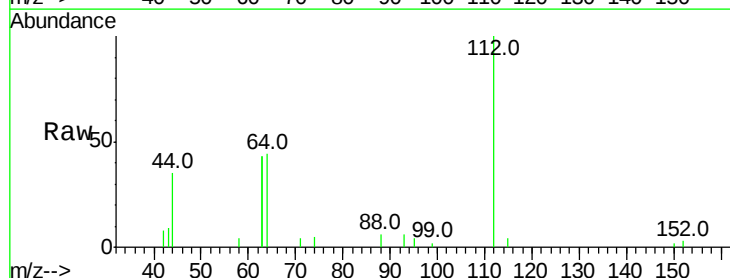
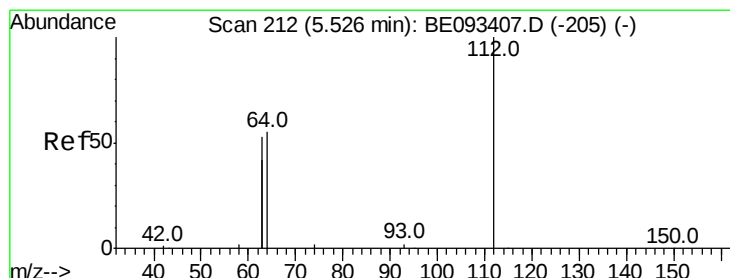
Tgt Ion: 112 Resp: 4263

Ion Ratio Lower Upper

112 100

64 68.9 56.4 84.6

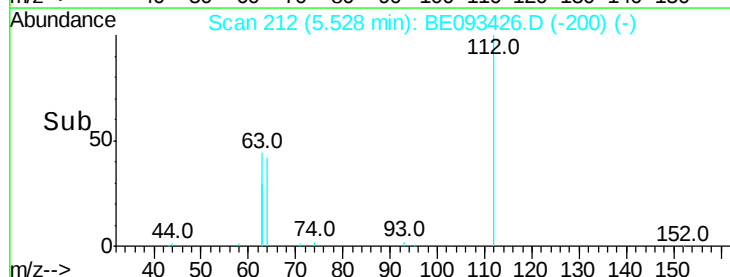
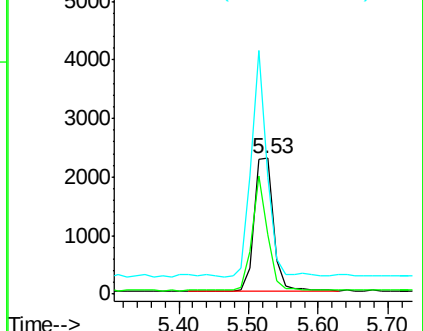
63 138.6 29.3 43.9#

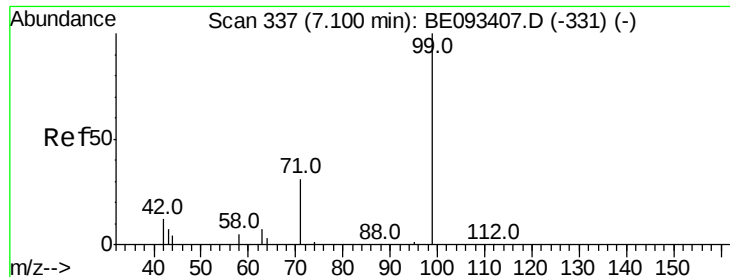


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.42 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

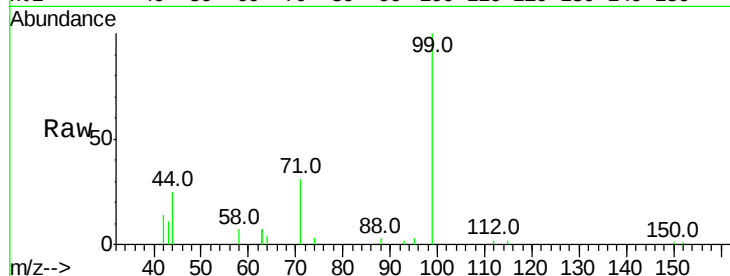
Tot Ion: 99 Resp: 6679

Ion Ratio Lower Upper

99 100

42 19.1 0.0 0.0#

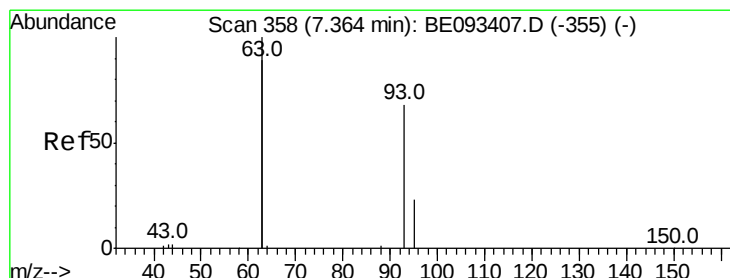
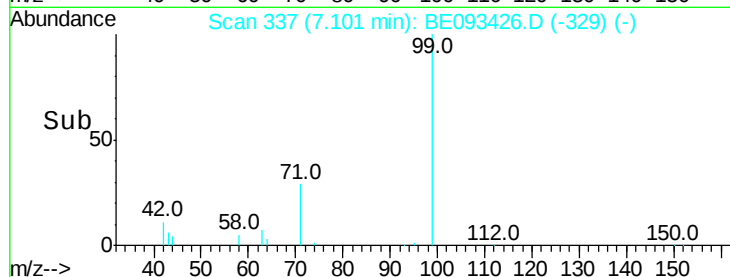
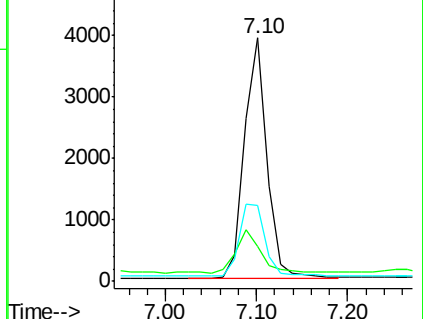
71 34.6 0.0 0.0#



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: 0.40 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

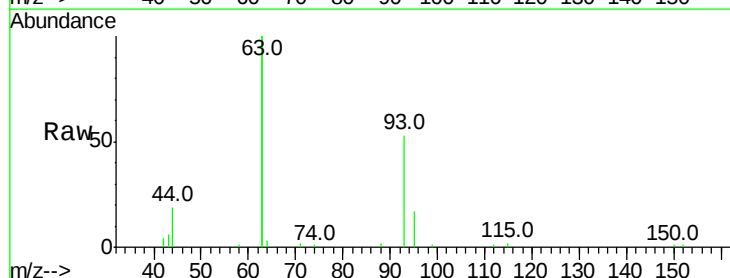
Tgt Ion: 93 Resp: 4706

Ion Ratio Lower Upper

93 100

63 343.8 0.0 0.0#

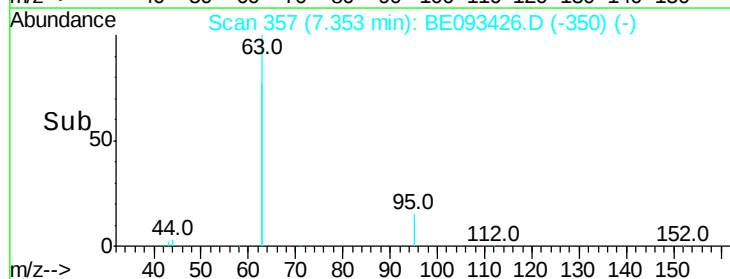
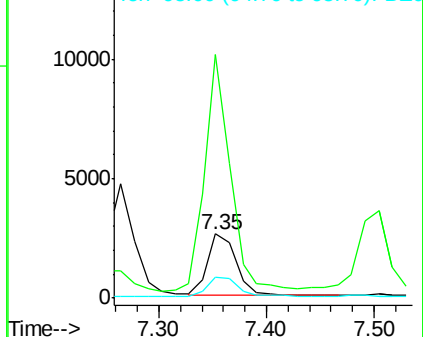
95 32.8 25.4 38.0

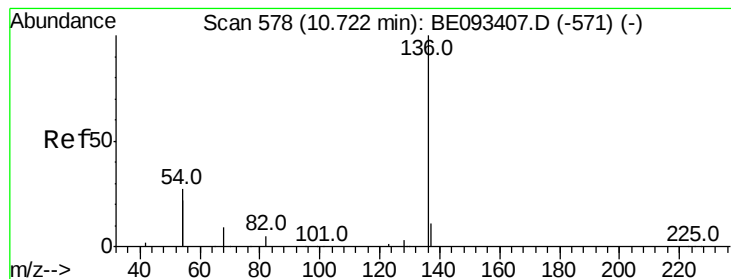


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 19475

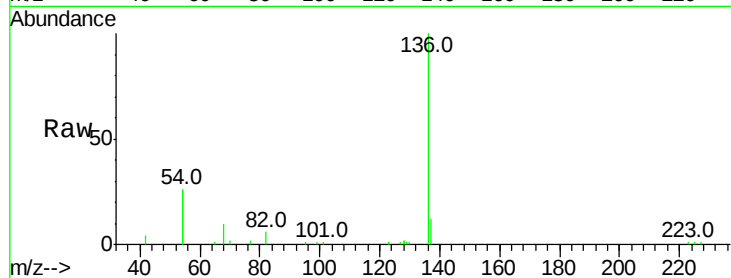
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 52.2 10.3 15.5#

68 10.4 9.0 13.4

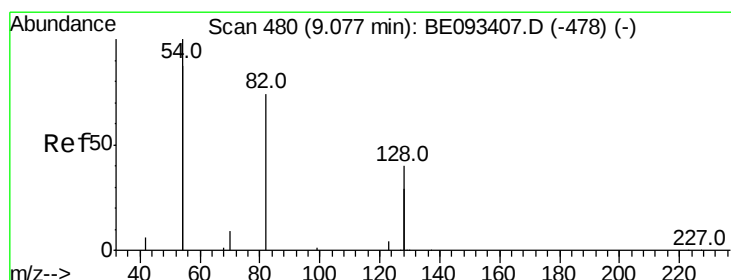
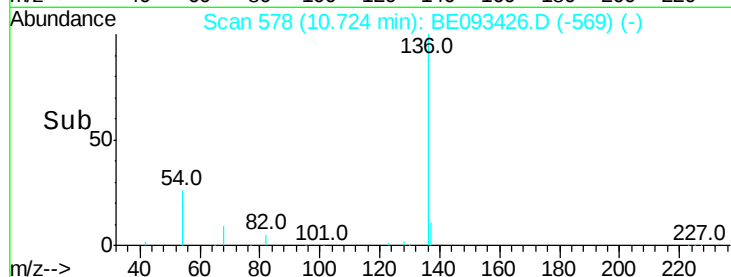
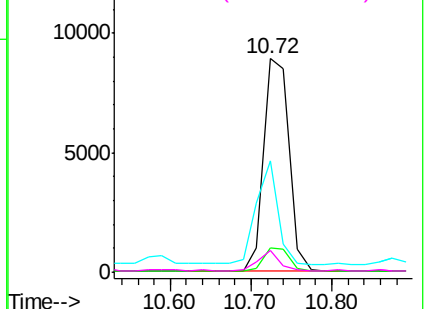


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

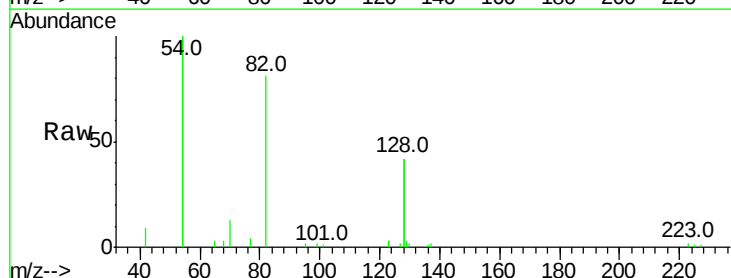
Tgt Ion: 82 Resp: 5116

Ion Ratio Lower Upper

82 100

128 104.7 17.0 25.4#

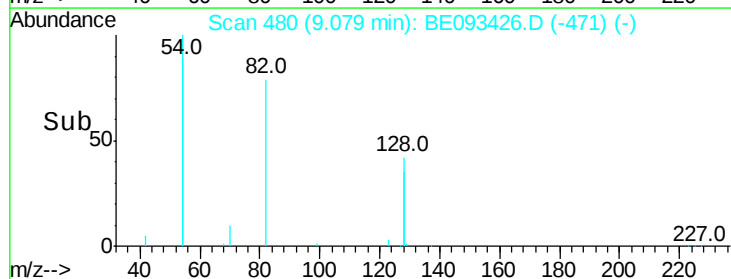
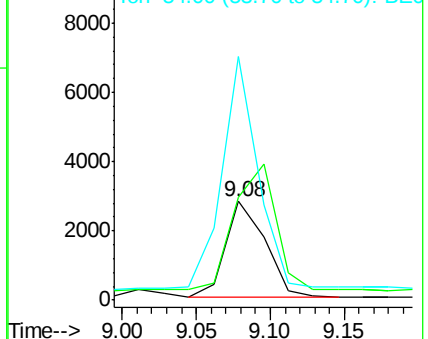
54 247.5 53.8 80.6#

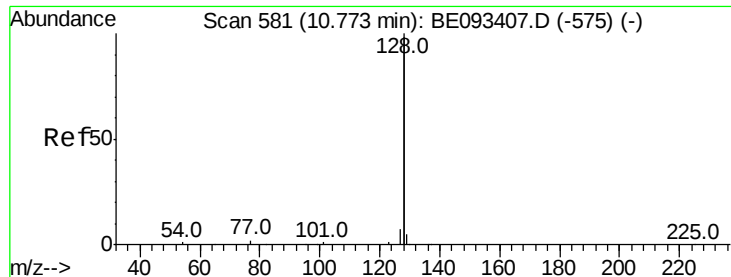


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

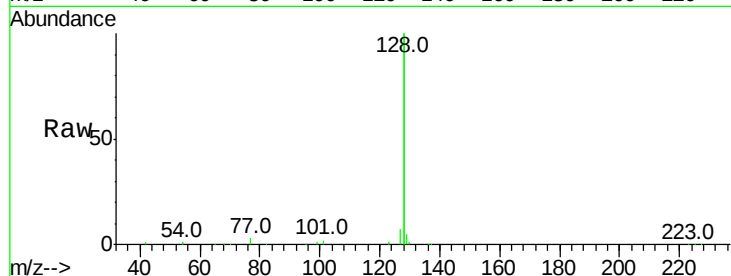
Tot Ion:128 Resp: 78377

Ion Ratio Lower Upper

128 100

129 2.7 11.4 17.0#

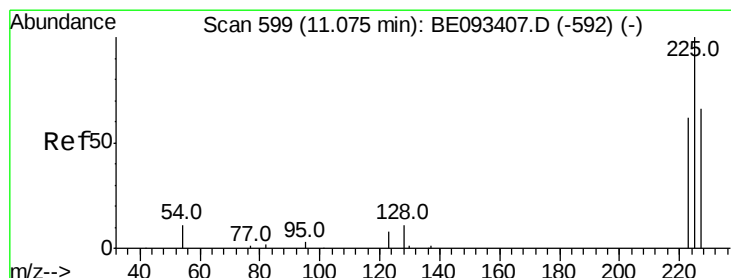
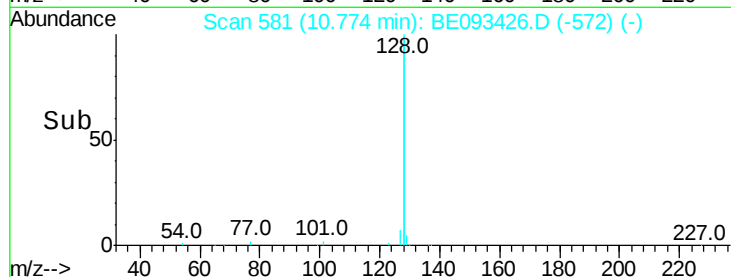
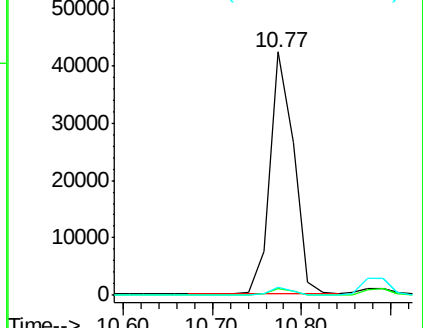
127 3.4 11.2 16.8#



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: BE093426.D

Acq: 6 Jul 2017 9:50

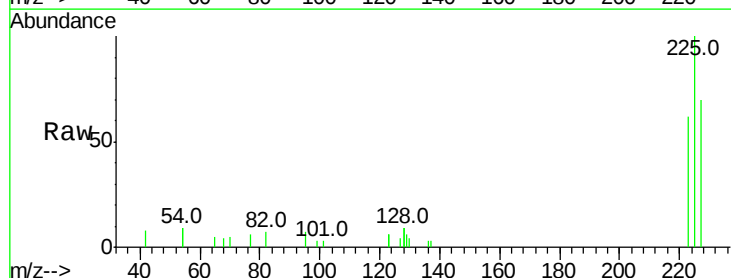
Tgt Ion:225 Resp: 3026

Ion Ratio Lower Upper

225 100

223 65.2 49.7 74.5

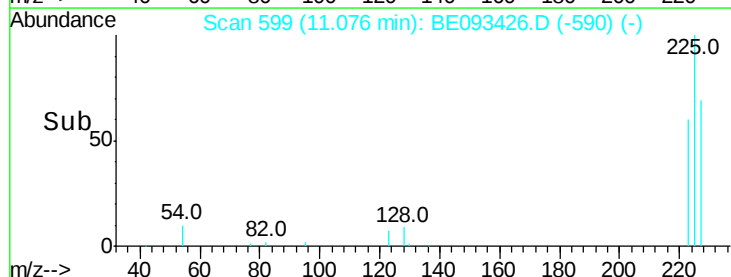
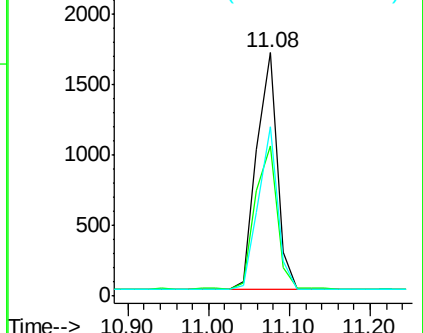
227 64.7 50.3 75.5

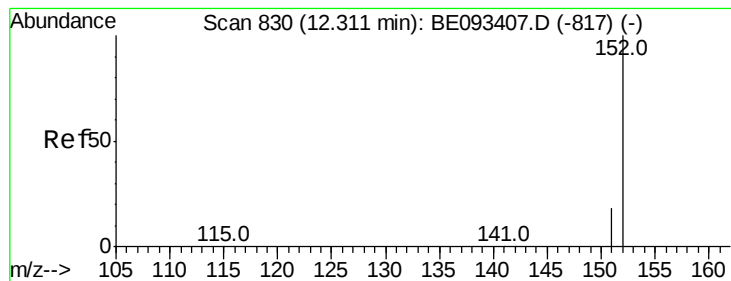


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

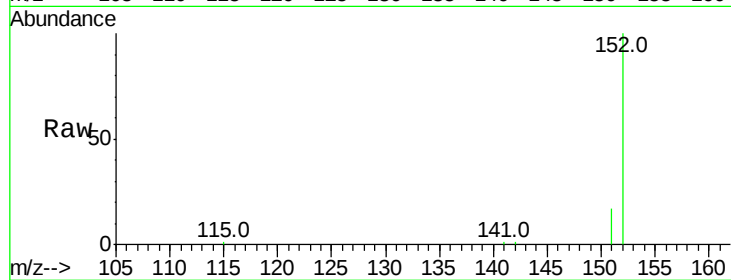
ClientSampleId :

Tot Ion:152 Resp: 12477

Ion Ratio Lower Upper

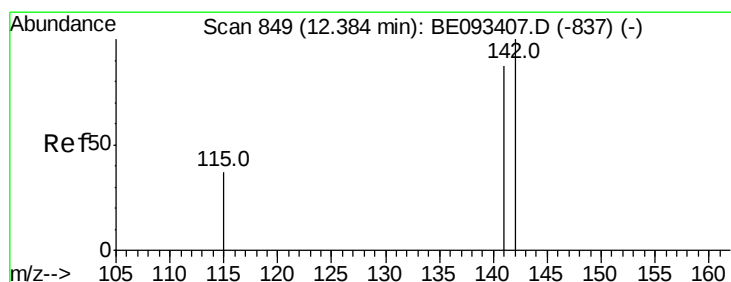
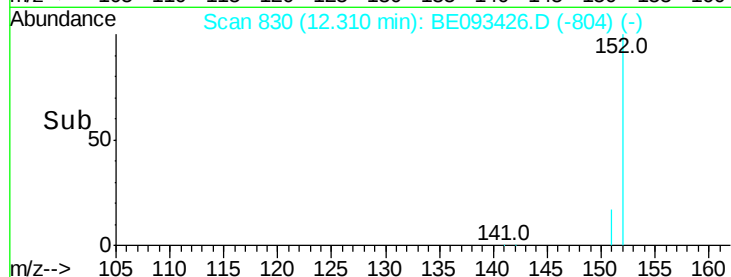
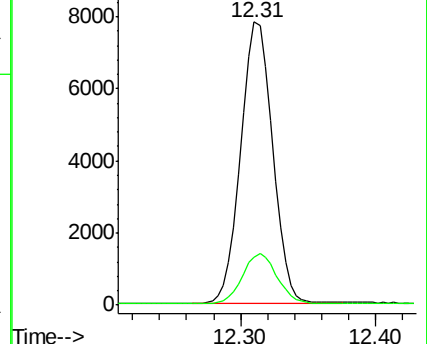
152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.38 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

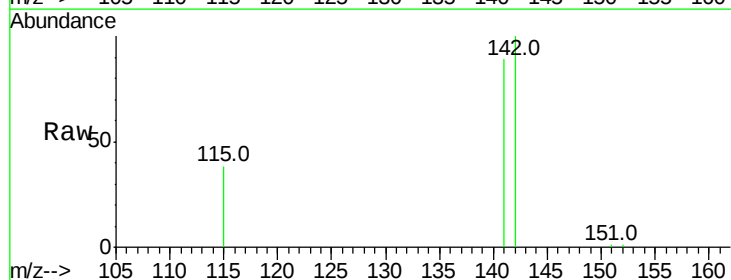
Tgt Ion:142 Resp: 13680

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

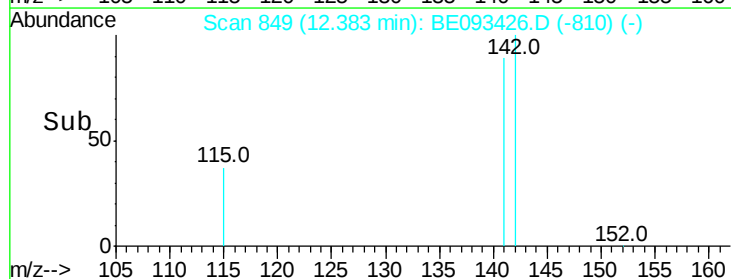
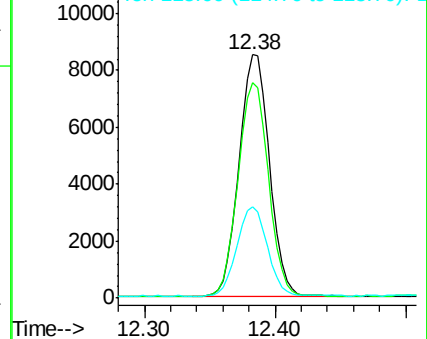
115 37.6 32.2 48.2

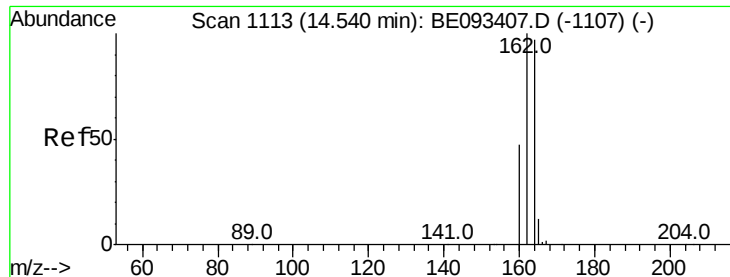


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

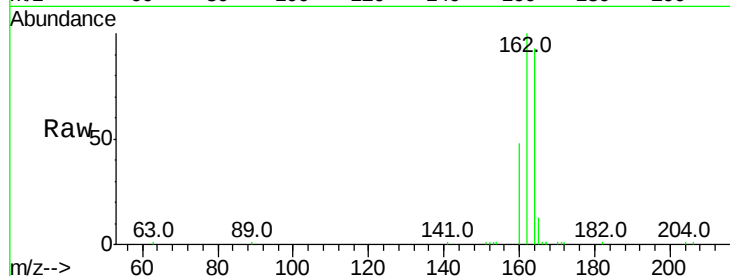
Tot Ion:164 Resp: 12600

Ion Ratio Lower Upper

164 100

162 107.1 84.6 127.0

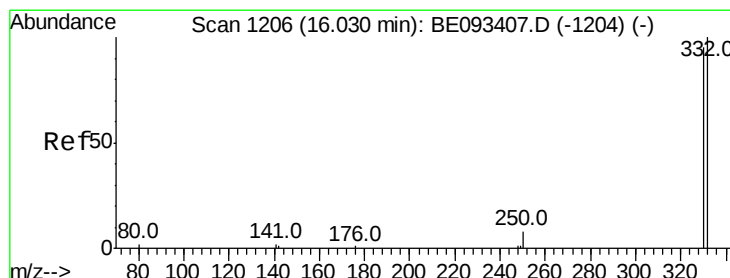
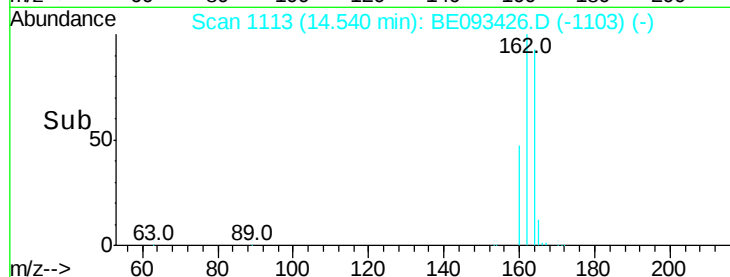
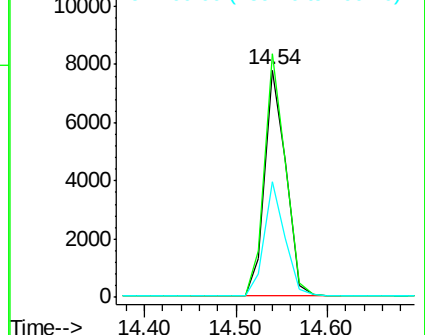
160 50.9 41.8 62.6



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: 0.42 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

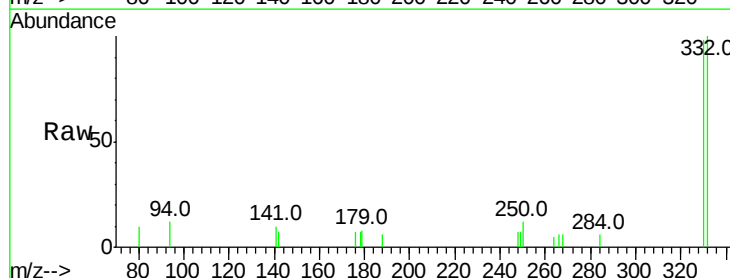
Tgt Ion:330 Resp: 1680

Ion Ratio Lower Upper

330 100

332 102.7 77.7 116.5

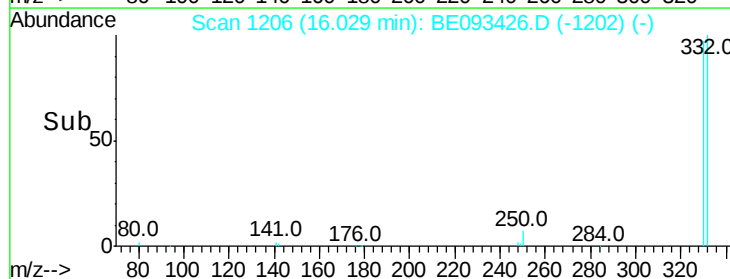
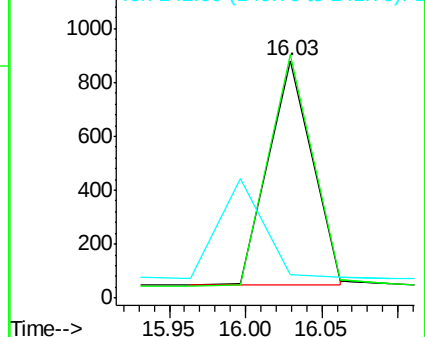
141 0.0 56.2 84.4#

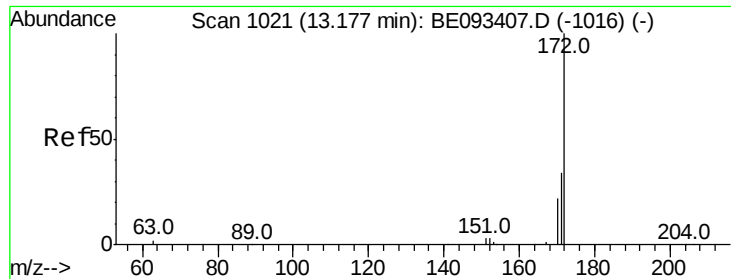


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

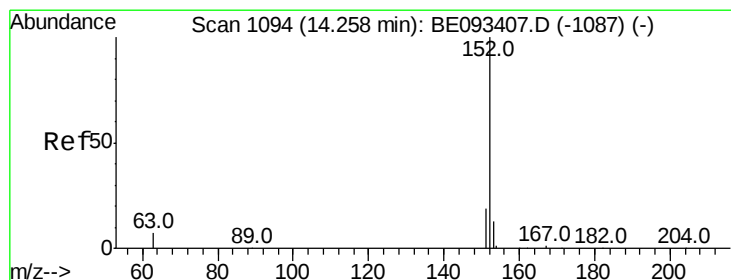
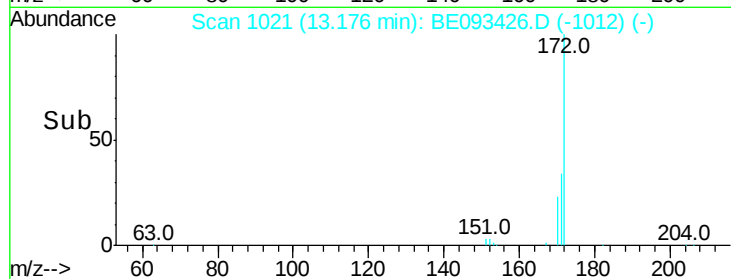
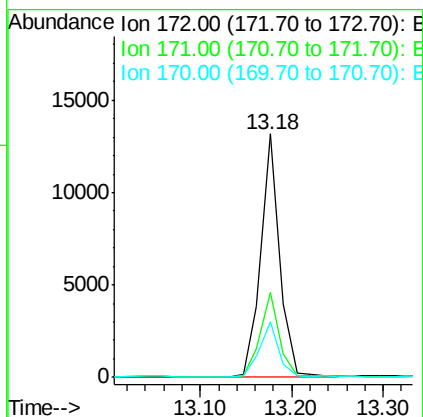
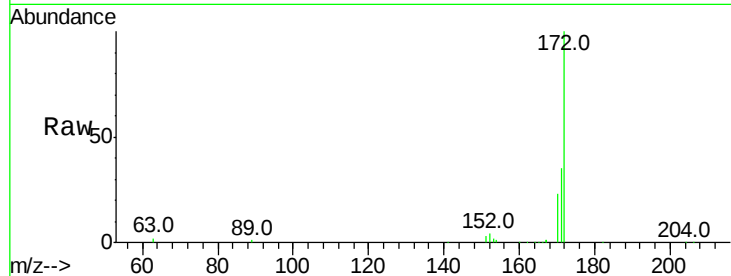




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

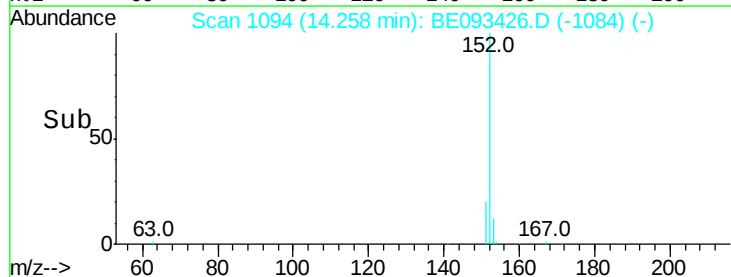
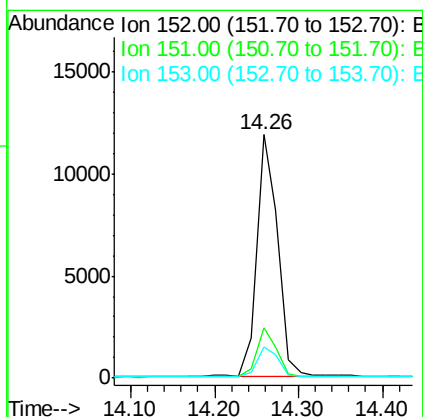
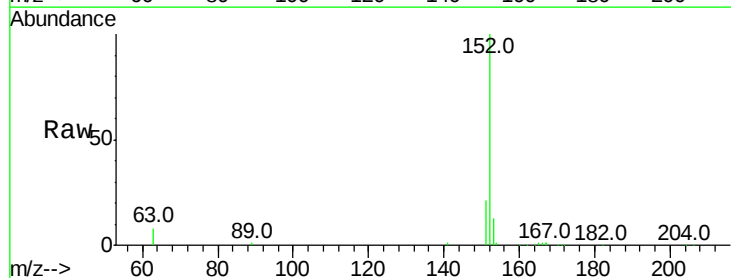
Instrument :
BNA_E
ClientSampleId :

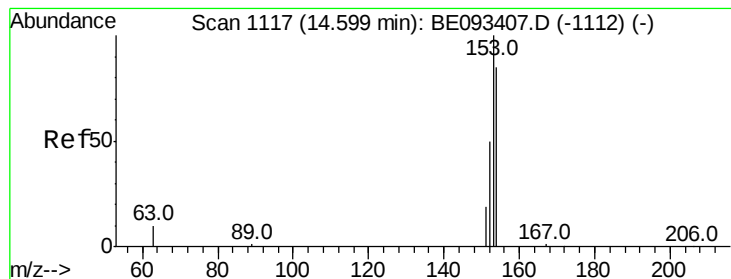
Tot Ion:172 Resp: 18922
Ion Ratio Lower Upper
172 100
171 34.8 29.8 44.6
170 22.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:152 Resp: 20924
Ion Ratio Lower Upper
152 100
151 19.2 4.0 6.0#
153 12.6 10.3 15.5





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

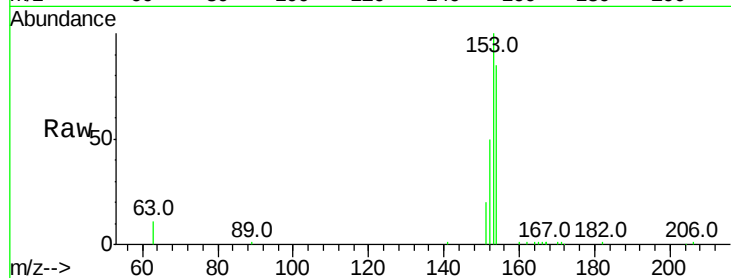
Tot Ion:154 Resp: 14836

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

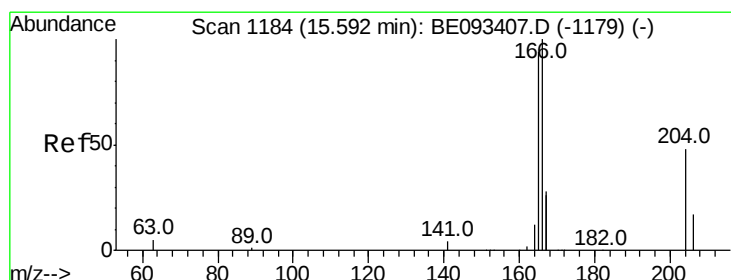
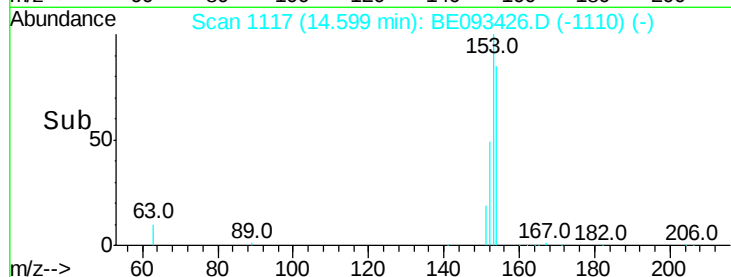
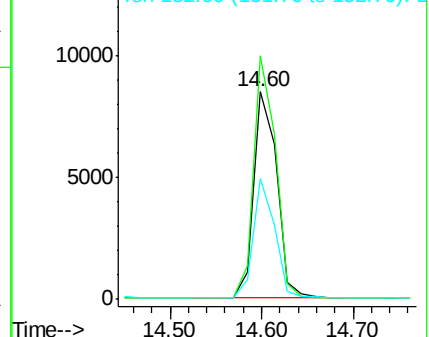
152 53.8 44.8 67.2



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: 0.37 ng

RT: 15.59 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

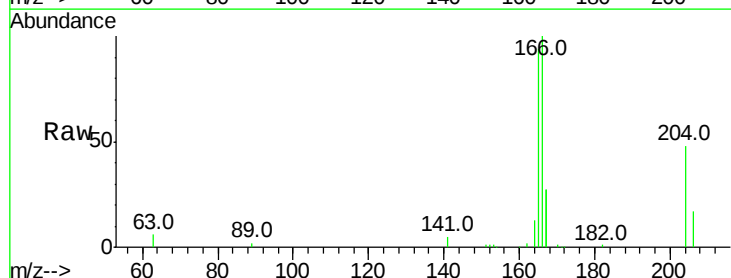
Tgt Ion:166 Resp: 19556

Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

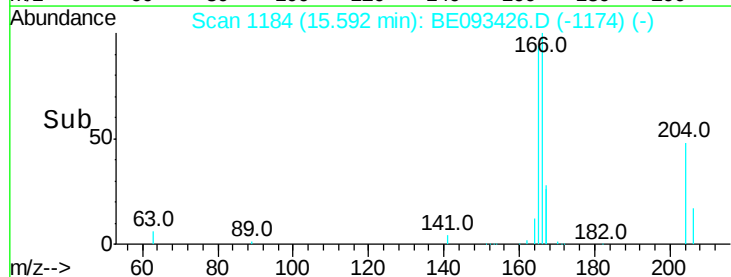
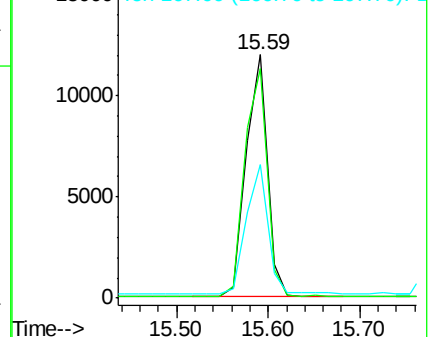
167 53.4 11.1 16.7#

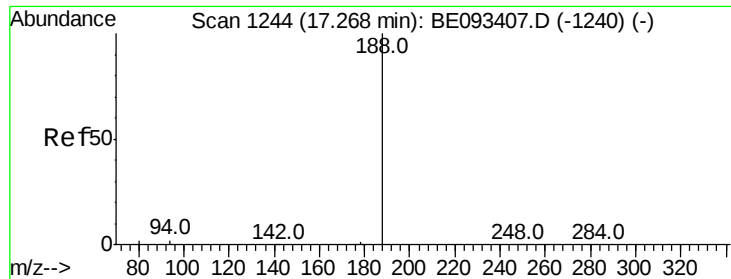


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

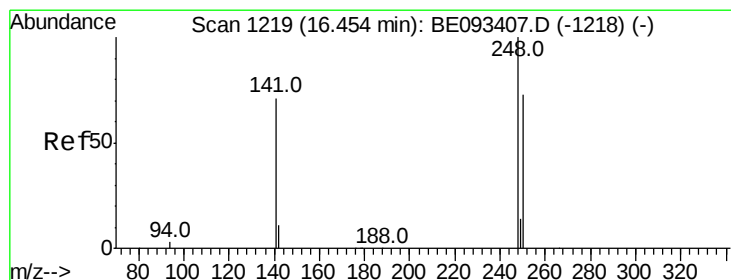
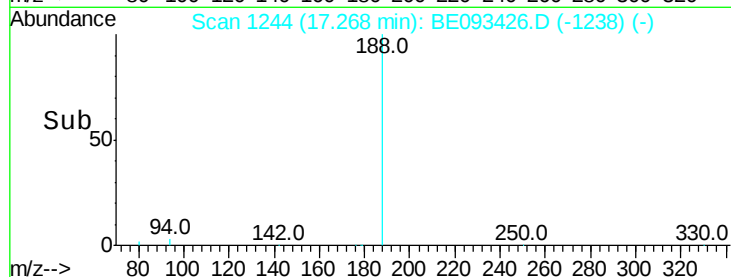
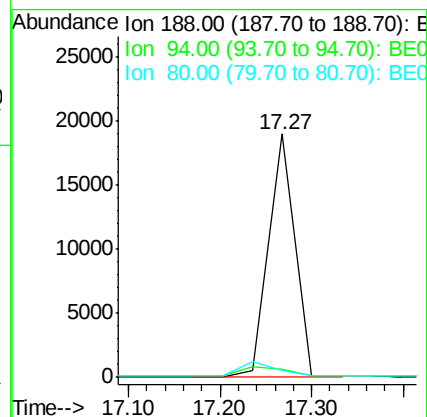
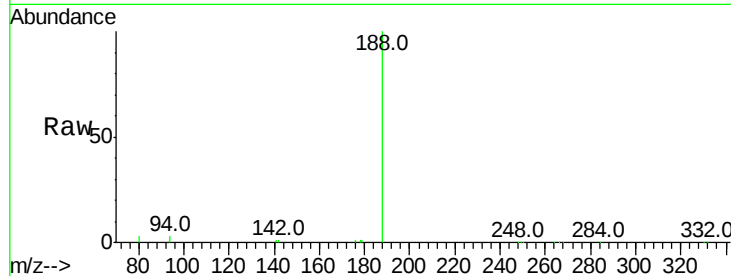




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

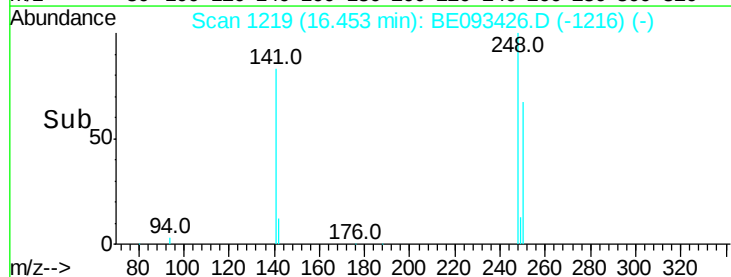
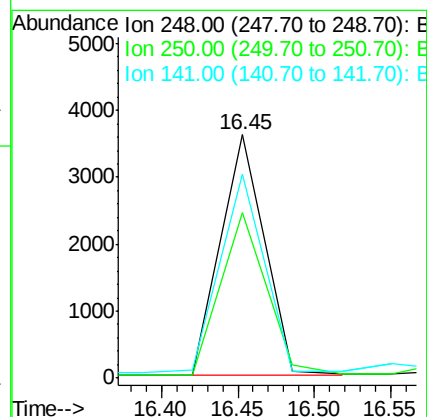
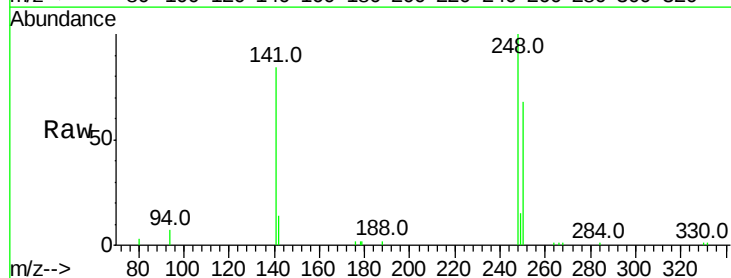
Instrument :
BNA_E
ClientSampled :

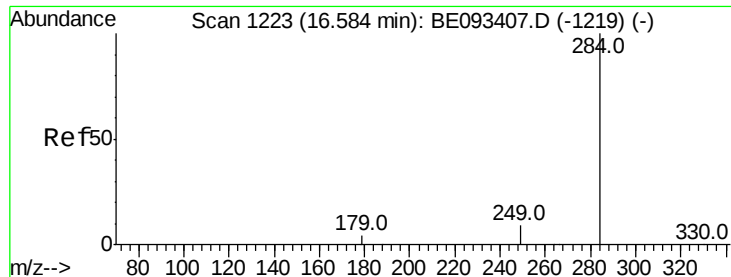
Tot Ion:188 Resp: 38101
Ion Ratio Lower Upper
188 100
94 3.4 11.3 16.9#
80 2.5 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:248 Resp: 7136
Ion Ratio Lower Upper
248 100
250 67.9 40.8 61.2#
141 83.8 161.6 242.4#

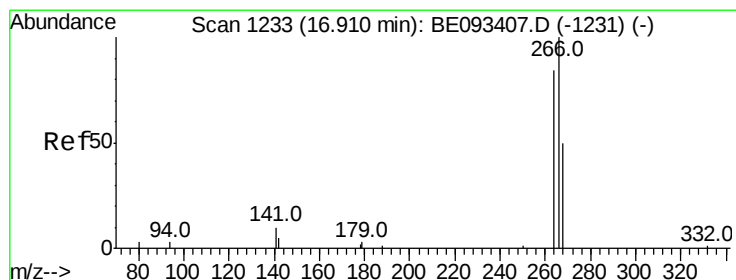
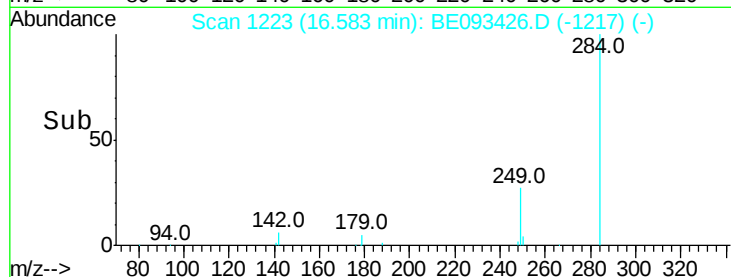
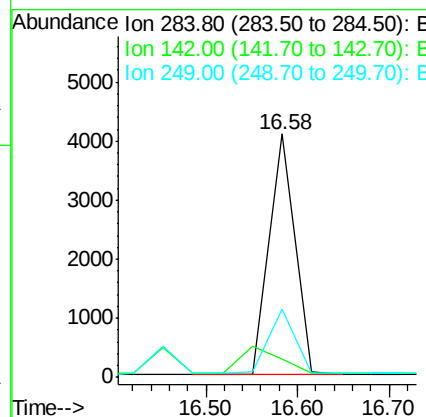
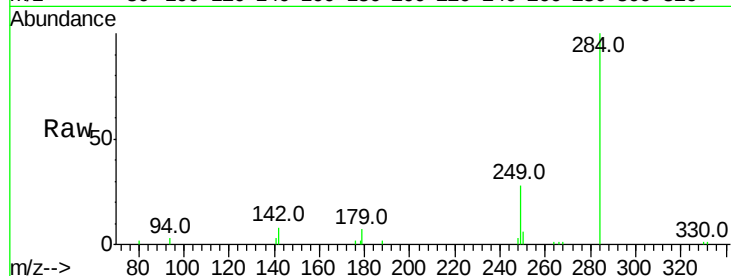




#21
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

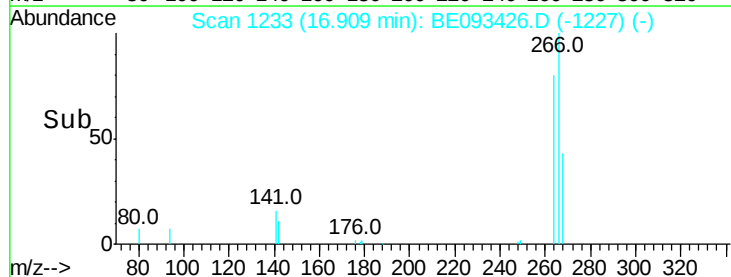
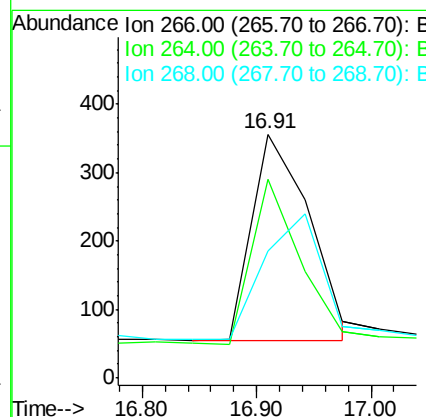
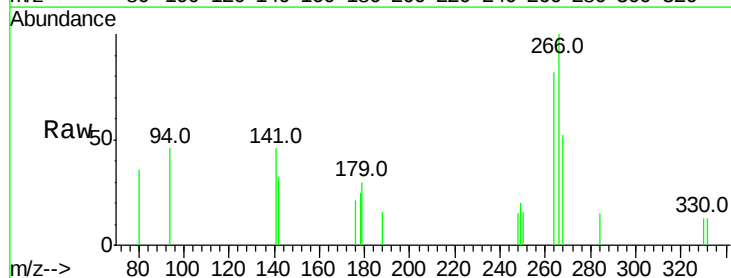
Instrument :
BNA_E
ClientSampled :

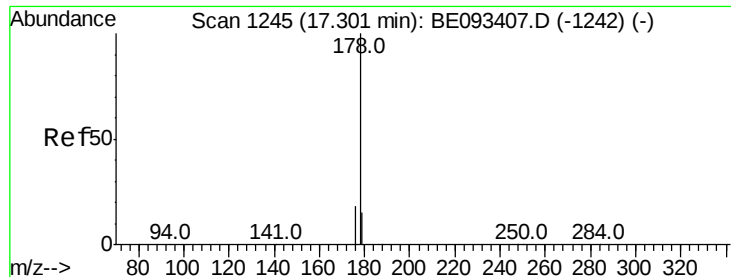
Tot Ion:284 Resp: 8052
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 27.0 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:266 Resp: 1046
Ion Ratio Lower Upper
266 100
264 81.7 58.2 87.2
268 52.2 71.9 107.9#





#23

Phenanthrene

Concen: 0.36 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

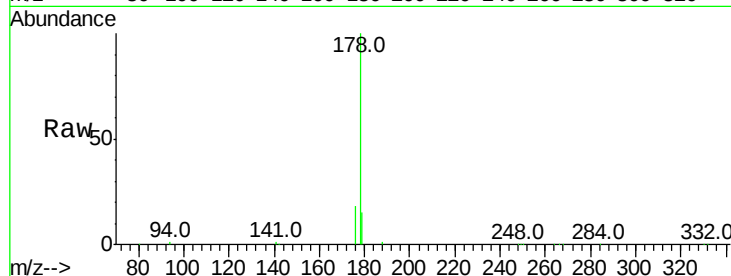
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 49854

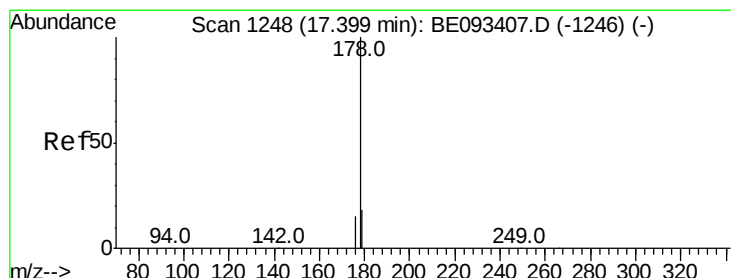
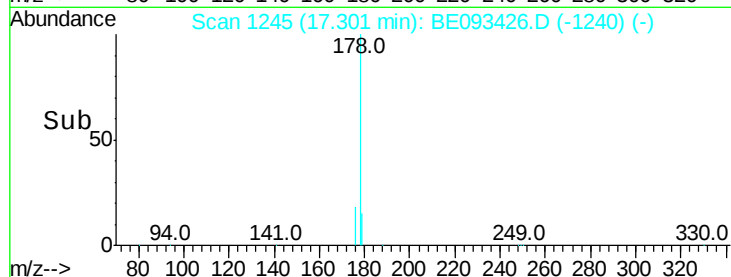
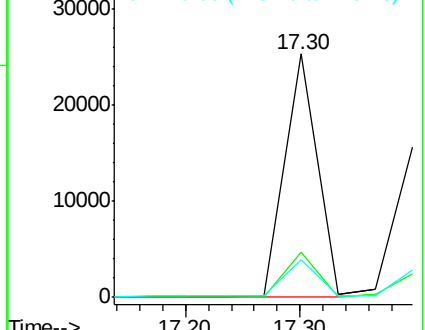
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.1	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.36 ng

RT: 17.40 min Scan# 1248

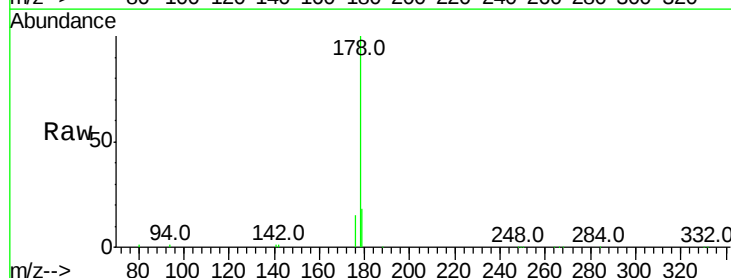
Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:178 Resp: 30618

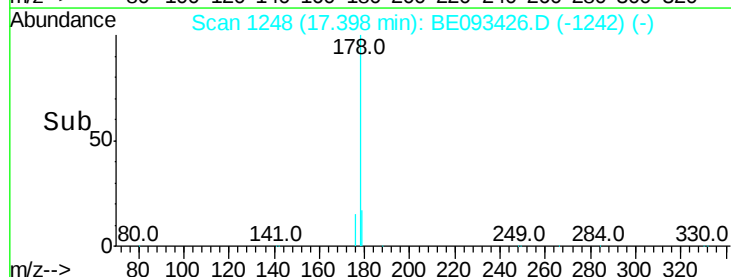
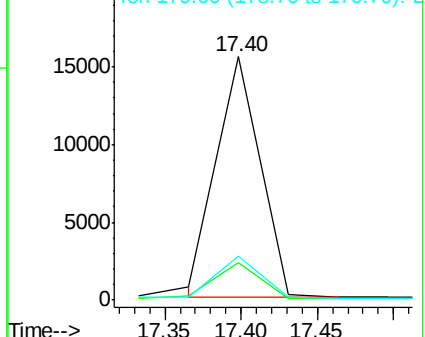
Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.6	22.0
179	17.1	12.0	18.0

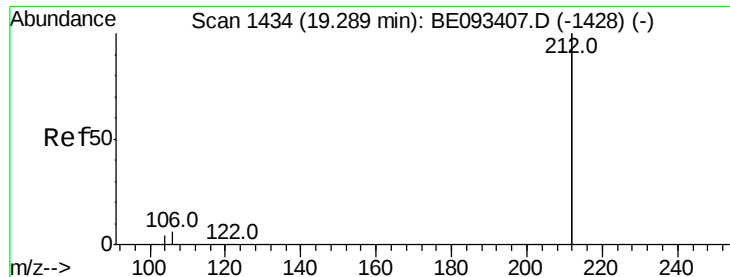


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093426.D

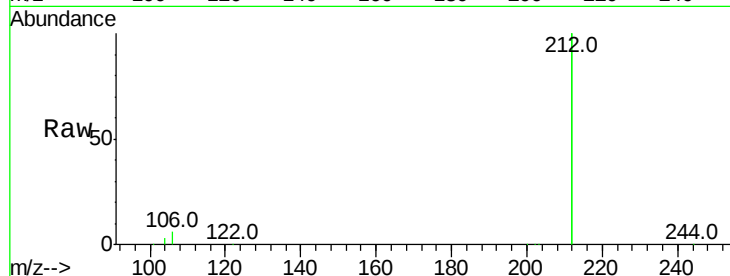
Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

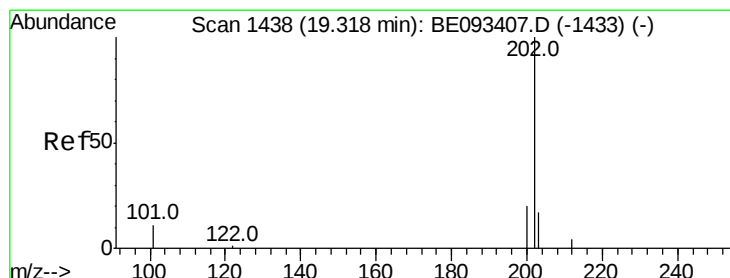
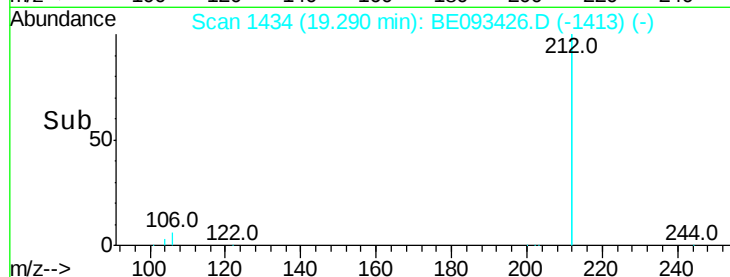
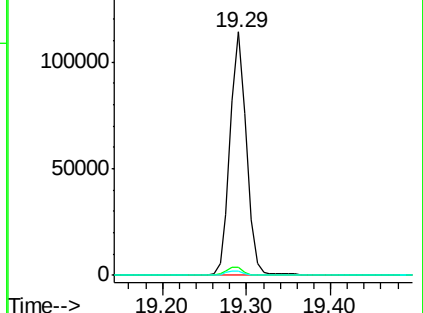
Tot Ion:212	Resp:	151415
Ion Ratio	Lower	Upper
212 100		
106 3.5	2.4	3.6
104 2.0	1.6	2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.33 ng

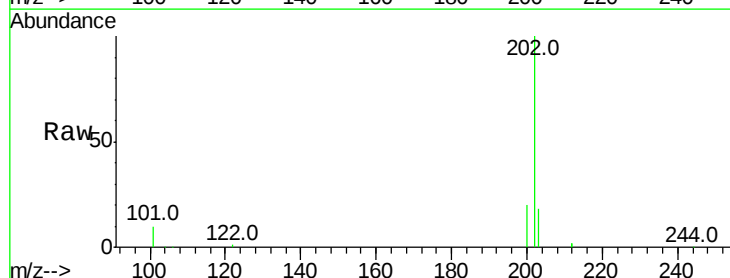
RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

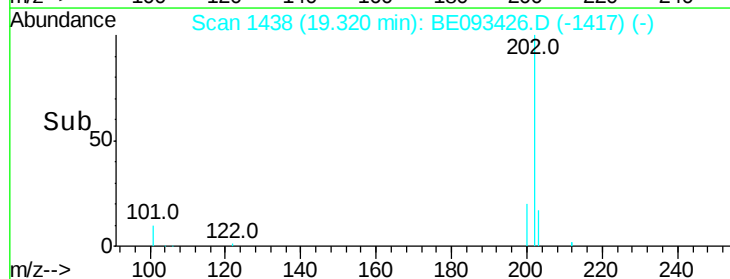
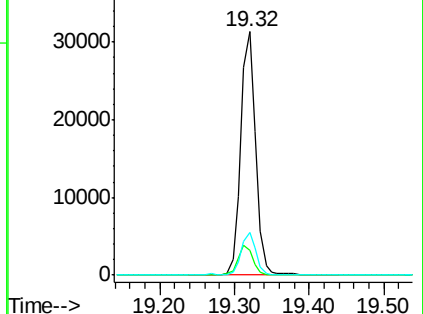
Tgt Ion:202	Resp:	42774
Ion Ratio	Lower	Upper
202 100		
101 11.8	9.6	14.4
203 16.9	14.4	21.6

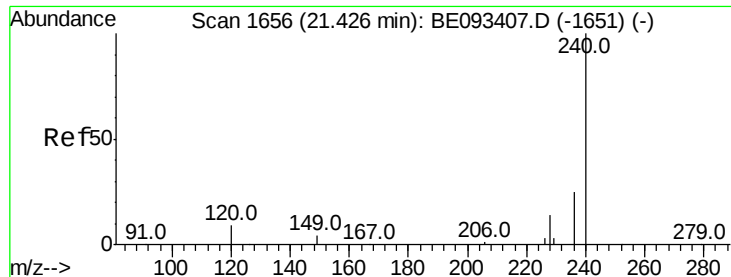


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

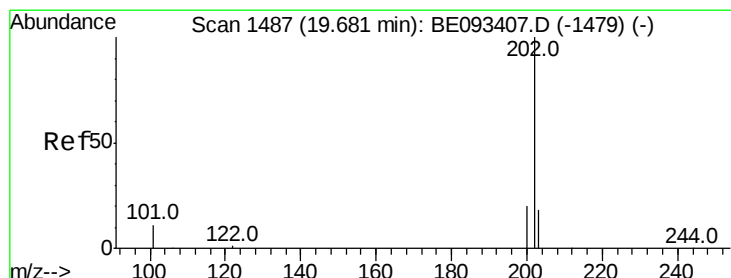
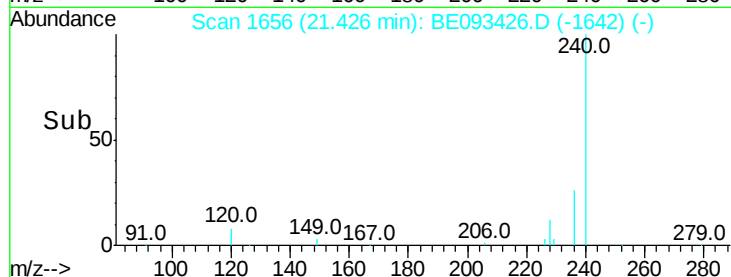
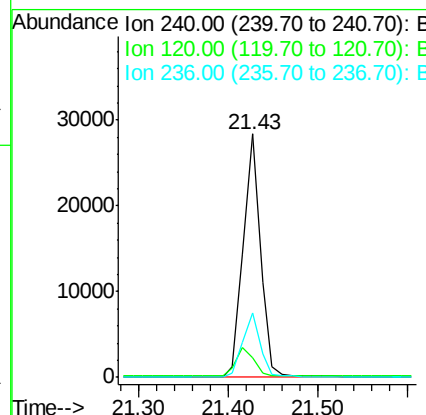
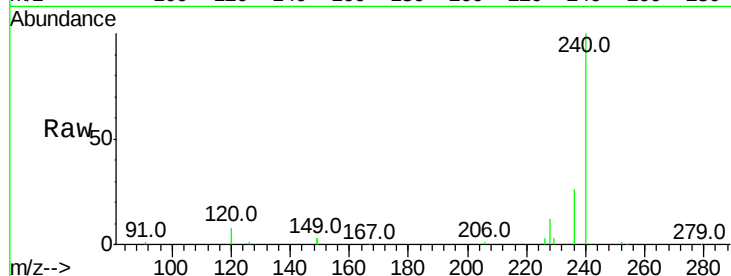




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

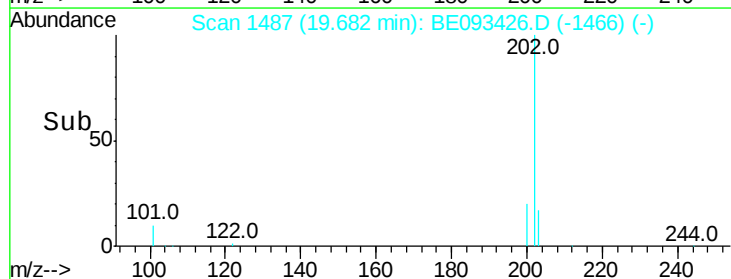
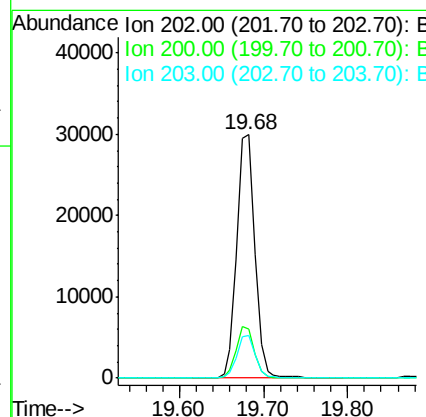
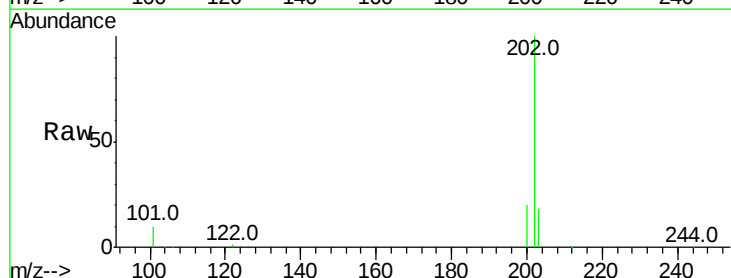
Instrument :
 BNA_E
 ClientSampleId :

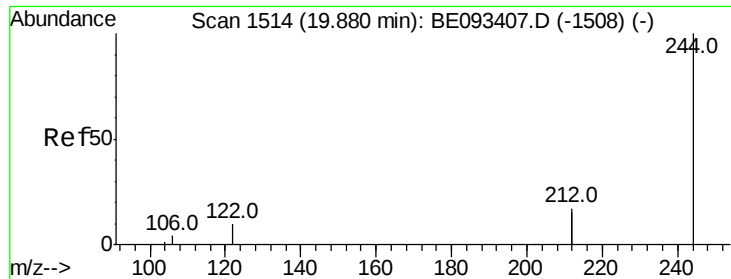
Tot Ion:240 Resp: 38025
 Ion Ratio Lower Upper
 240 100
 120 8.2 4.6 7.0#
 236 26.4 20.8 31.2



#28
 Pyrene
 Concen: 0.41 ng
 RT: 19.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Tgt Ion:202 Resp: 43844
 Ion Ratio Lower Upper
 202 100
 200 20.7 0.0 0.0#
 203 17.6 13.7 20.5





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

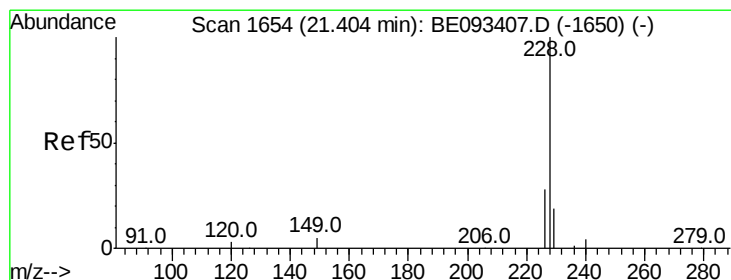
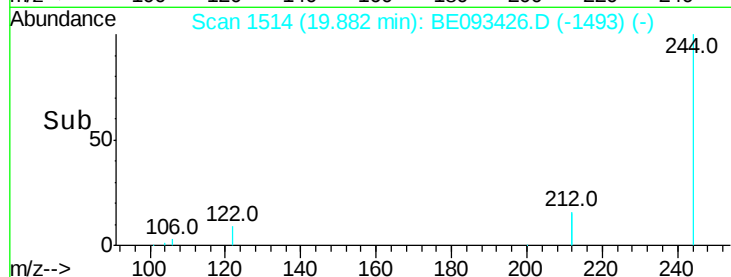
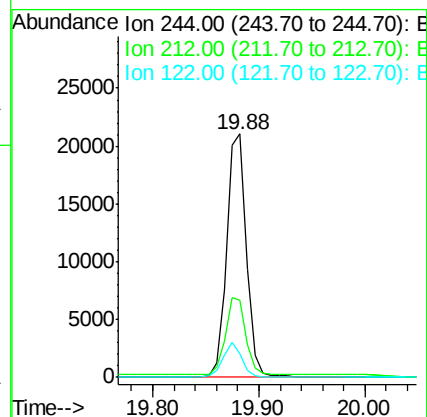
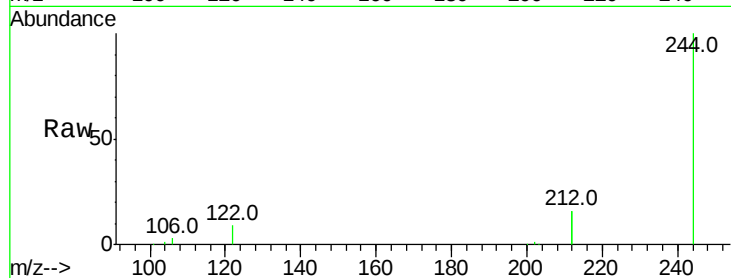
Tot Ion:244 Resp: 27420

Ion Ratio Lower Upper

244 100

212 31.7 10.6 16.0#

122 9.4 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.41 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

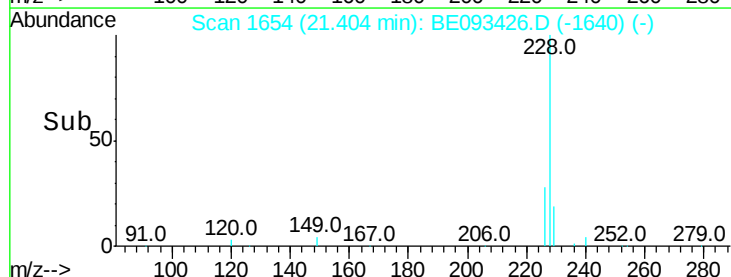
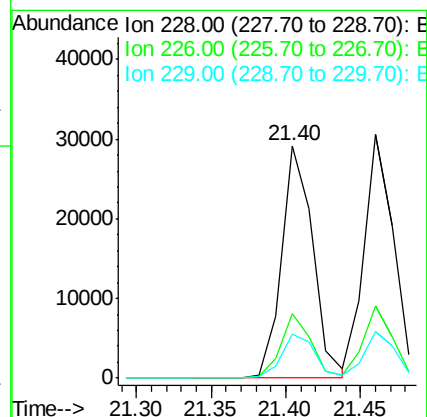
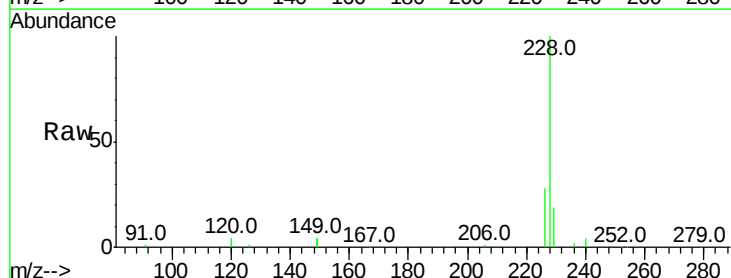
Tgt Ion:228 Resp: 41999

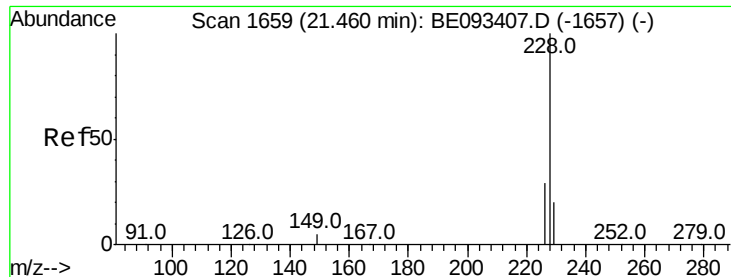
Ion Ratio Lower Upper

228 100

226 27.9 19.7 29.5

229 19.1 19.2 28.8#





#31

Chrysene

Concen: 0.39 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

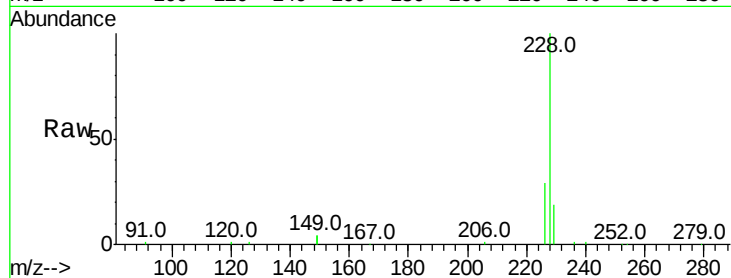
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 42017

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.5	32.3
229	19.1	18.6	28.0

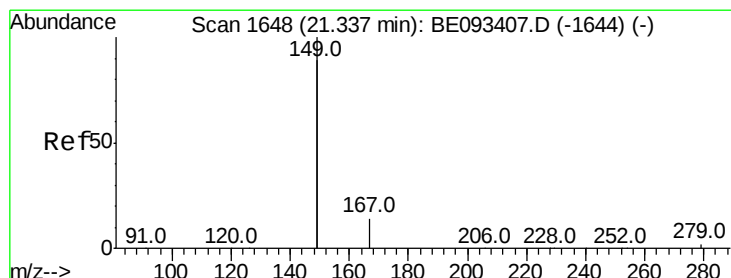
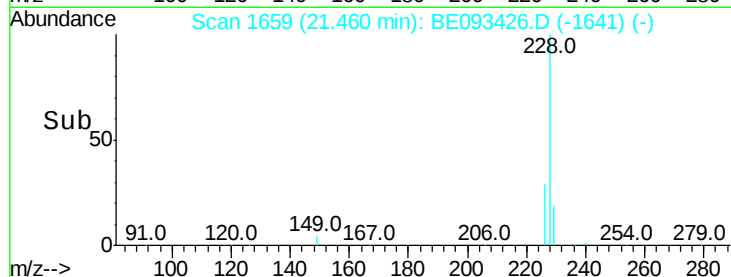
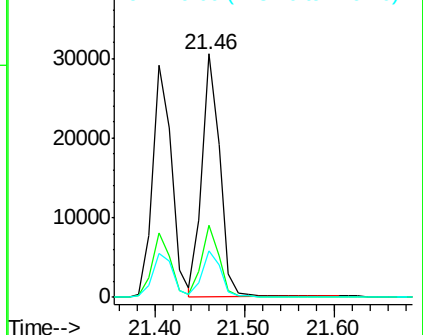


Abundance

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: 0.49 ng

RT: 21.33 min Scan# 1647

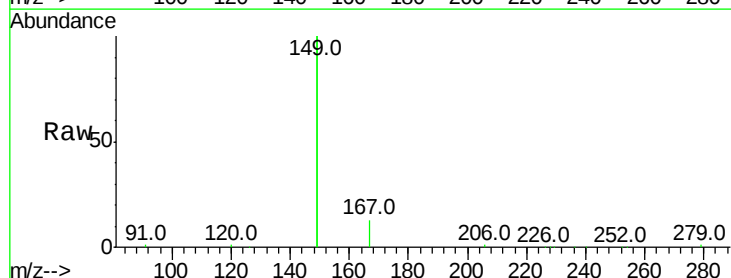
Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:149 Resp: 72428

Ion	Ratio	Lower	Upper
149	100		
167	6.9	20.1	30.1#
279	0.9	2.2	3.4#

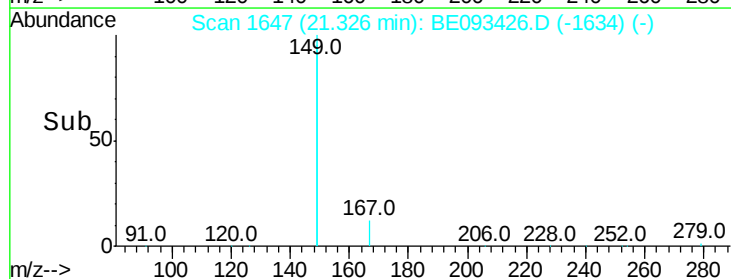
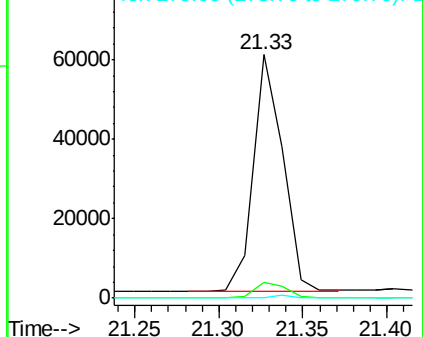


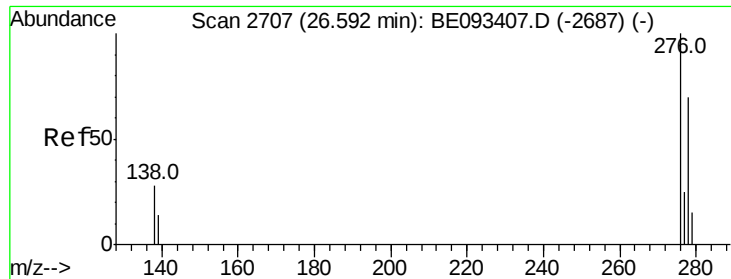
Abundance

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

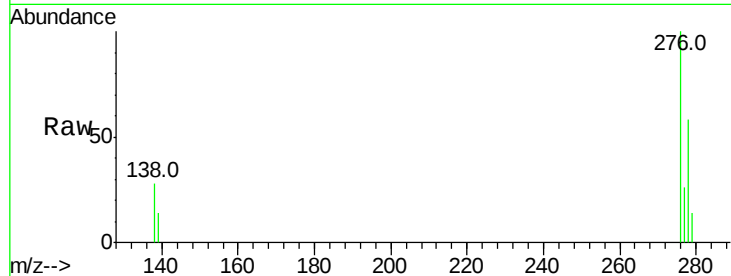




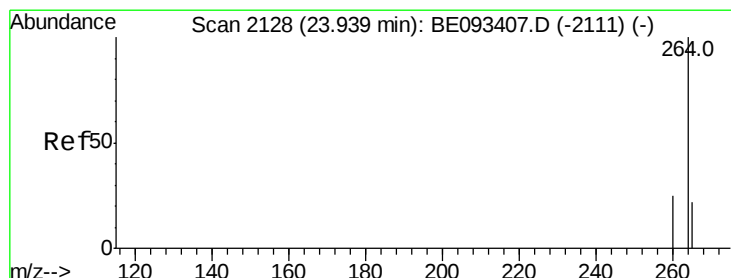
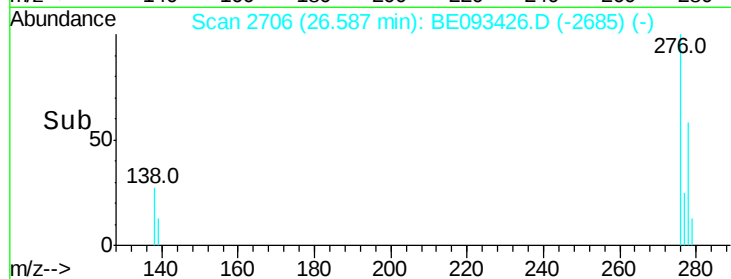
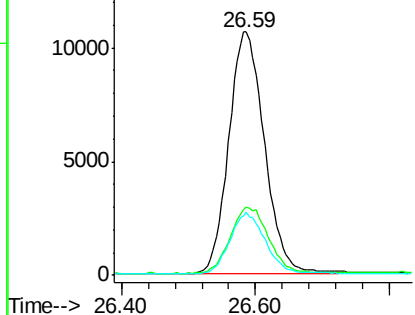
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. -0.01 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 39704
 Ion Ratio Lower Upper
 276 100
 138 28.8 27.4 41.2
 277 24.8 20.1 30.1

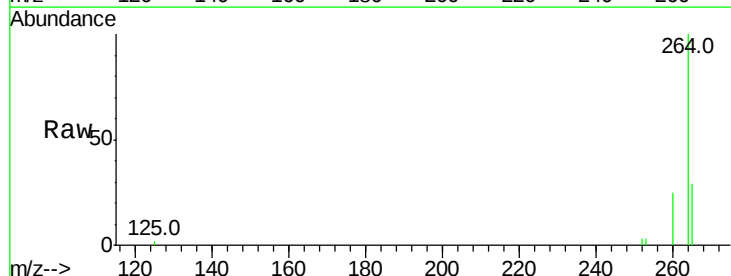


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

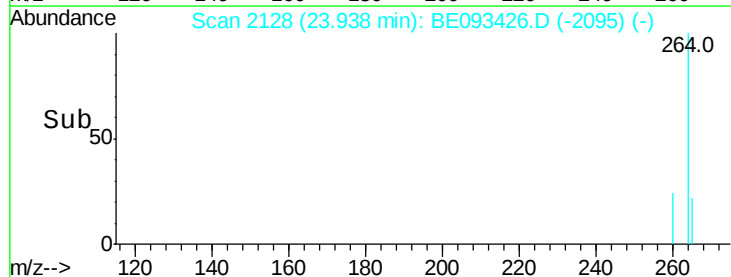
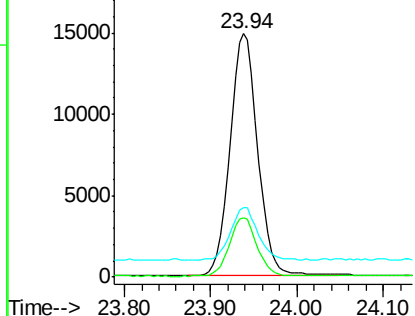


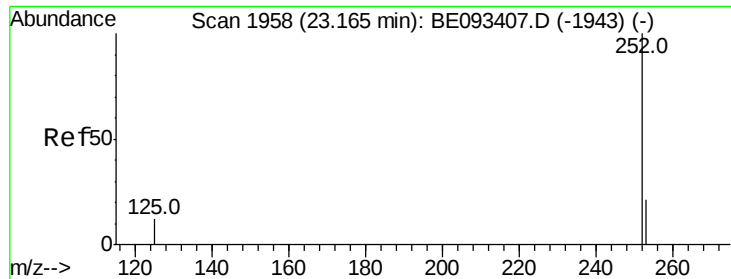
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Tgt Ion:264 Resp: 33399
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.0 31.4
 265 28.6 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampled :

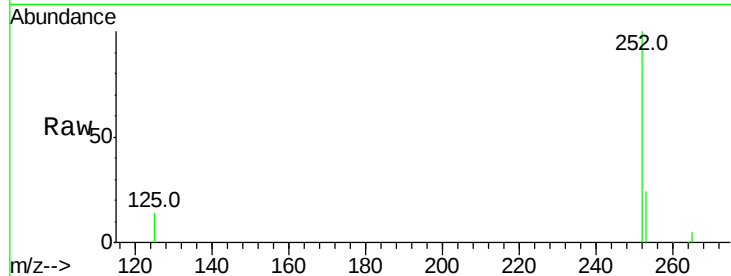
Tot Ion:252 Resp: 40152

Ion Ratio Lower Upper

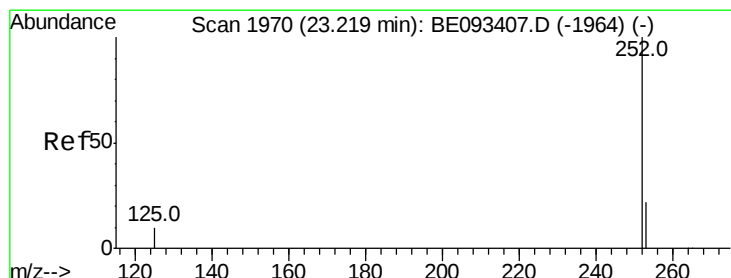
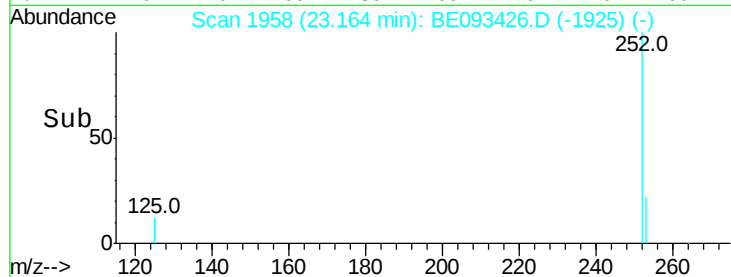
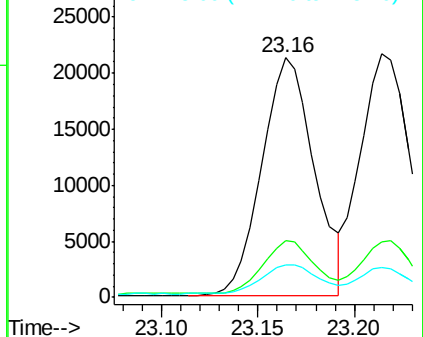
252 100

253 23.5 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: 0.38 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.06 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

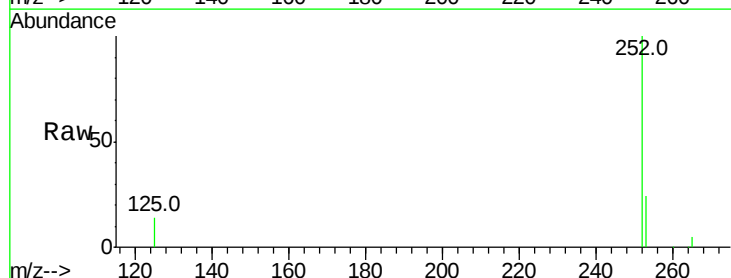
Tgt Ion:252 Resp: 40152

Ion Ratio Lower Upper

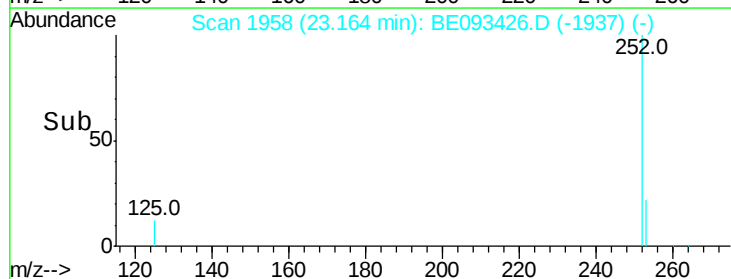
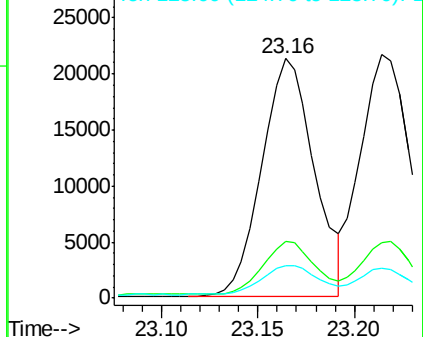
252 100

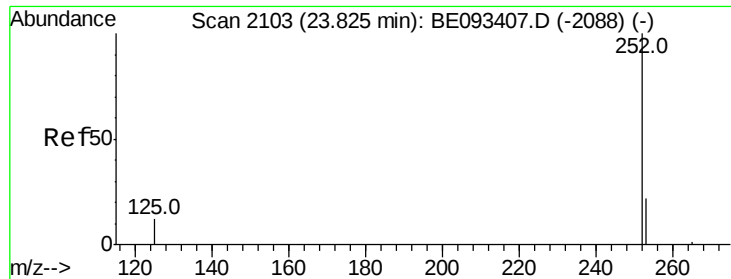
253 23.5 20.3 30.5

125 13.7 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: 0.39 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

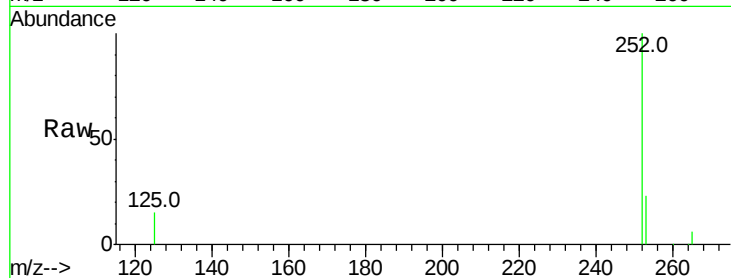
Tot Ion:252 Resp: 36739

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

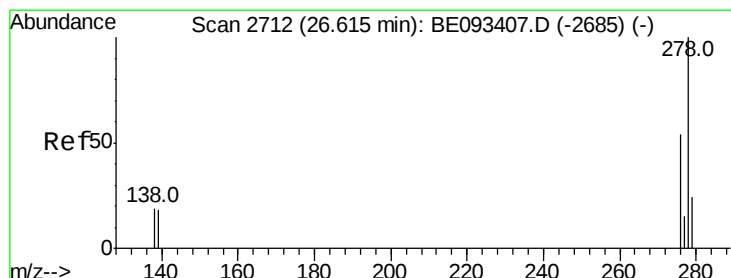
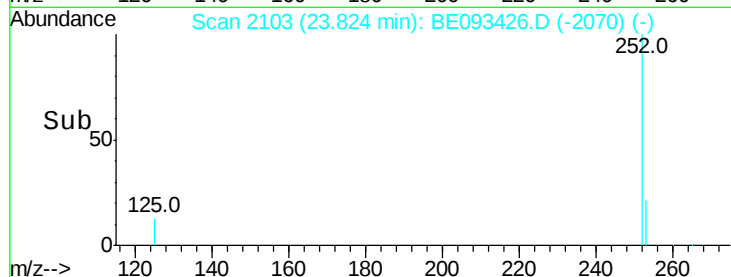
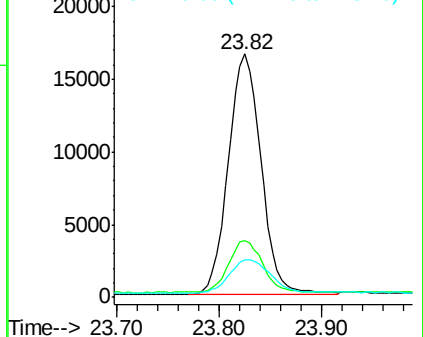
125 15.2 14.6 21.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.61 min Scan# 2711

Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

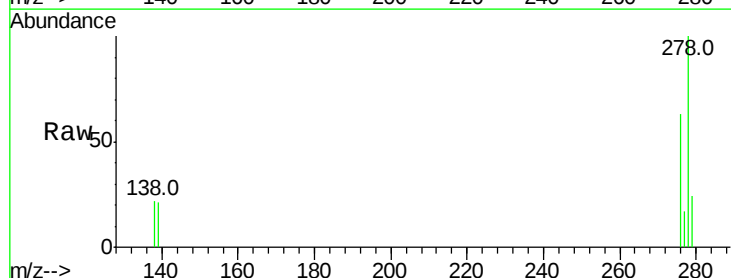
Tgt Ion:278 Resp: 35541

Ion Ratio Lower Upper

278 100

139 20.8 21.4 32.0#

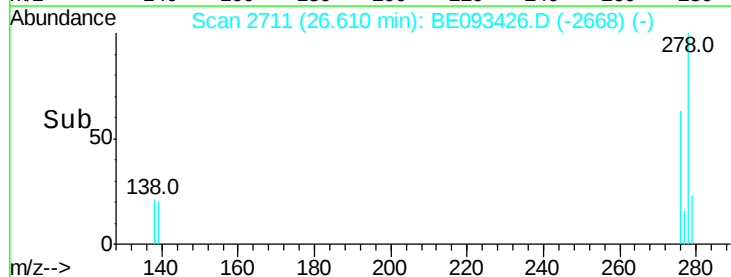
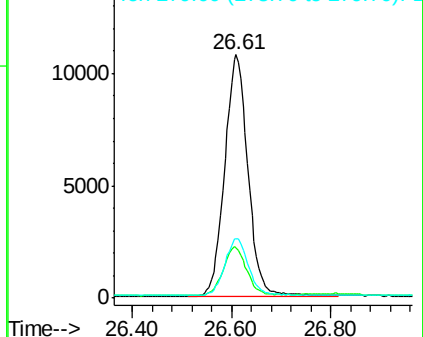
279 24.4 22.2 33.2

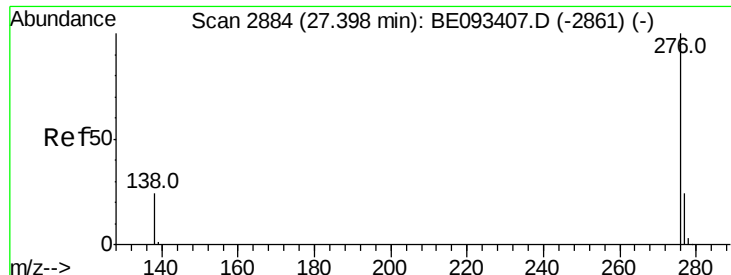


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.38 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

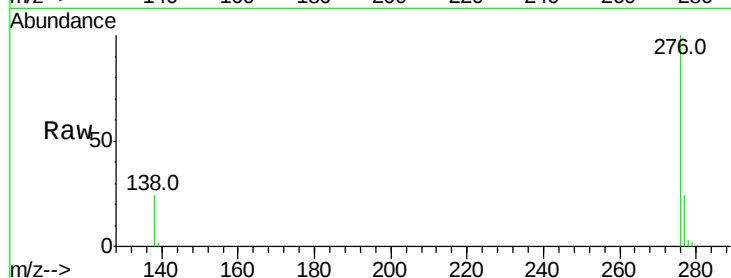
Tot Ion: 276 Resp: 34955

Ion Ratio Lower Upper

276 100

277 24.3 21.2 31.8

138 24.4 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

