

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093989.D
 Acq On : 13 Sep 2017 15:04
 Operator : SJ/JU
 Sample : I5189-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 2

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-090817MS

Quant Time: Sep 14 00:53:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2972	0.80	ng	0.00
7) Naphthalene-d8	10.71	136	14819	0.80	ng	0.00
13) Acenaphthene-d10	14.53	164	8816	0.80	ng	0.00
19) Phenanthrene-d10	17.24	188	21076	0.80	ng	-0.03
27) Chrysene-d12	21.42	240	22872	0.80	ng	-0.01
34) Perylene-d12	23.93	264	17238	0.80	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1070	0.22	ng	0.00
5) Phenol-d6	7.11	99	879	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	3046	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5831	0.49	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	602	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8974	0.51	ng	0.00
25) Fluoranthene-d10	19.28	212	61558	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	13919	0.66	ng	0.00

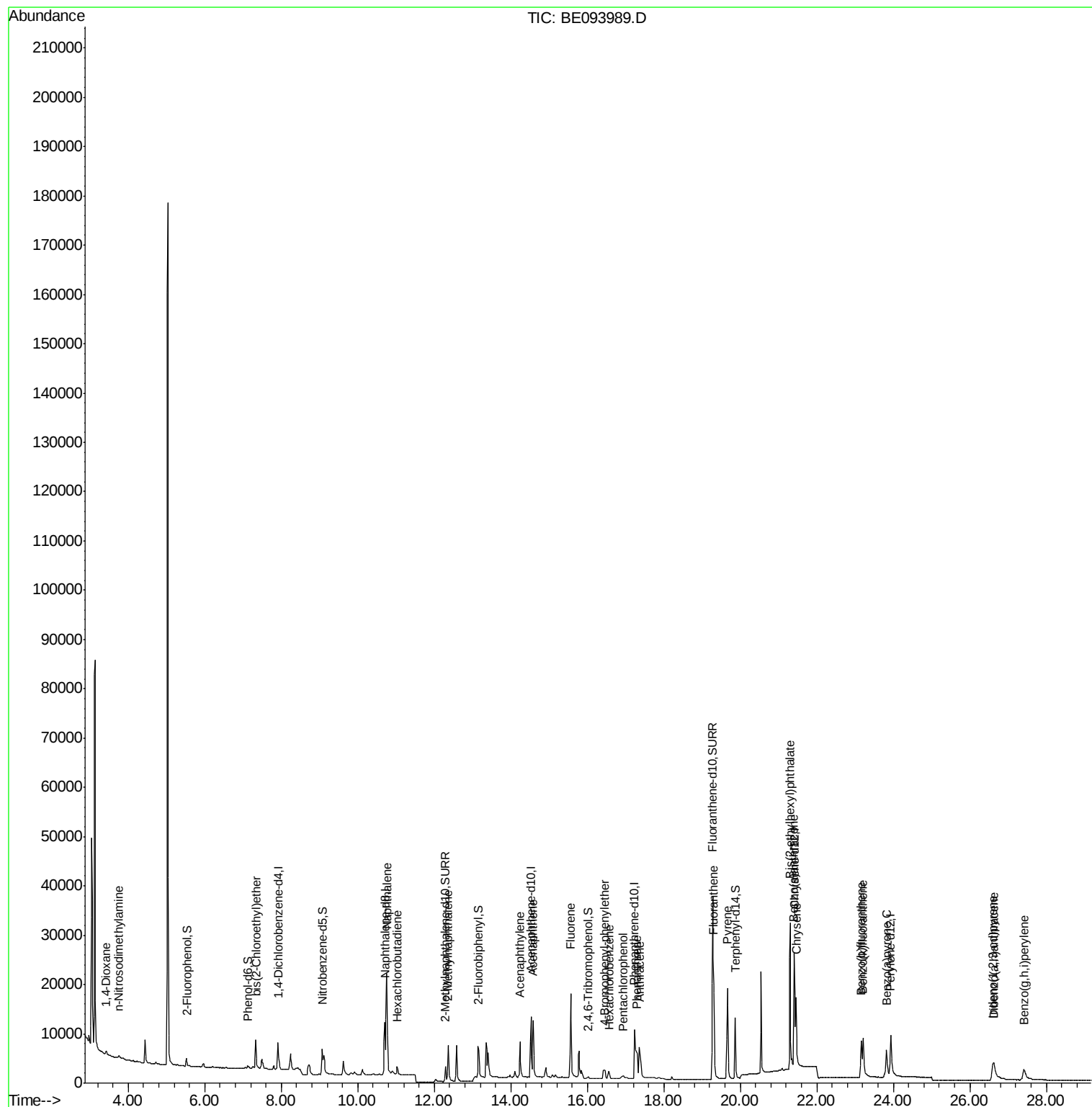
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	508	0.248	ng	# 24
3) n-Nitrosodimethylamine	3.75	42	479	0.200	ng	92
6) bis(2-Chloroethyl)ether	7.34	93	2671	0.453	ng	93
9) Naphthalene	10.76	128	40166	0.473	ng	99
10) Hexachlorobutadiene	11.02	225	1326	0.430	ng	97
12) 2-Methylnaphthalene	12.36	142	6913	0.490	ng	98
16) Acenaphthylene	14.24	152	10098	0.459	ng	100
17) Acenaphthene	14.58	154	7090	0.477	ng	98
18) Fluorene	15.56	166	9211	0.480	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1956	0.202	ng	99
21) Hexachlorobenzene	16.58	284	1838	0.295	ng	# 100
22) Pentachlorophenol	16.94	266	1246	0.746	ng	96
23) Phenanthrene	17.30	178	11980	0.118	ng	# 100
24) Anthracene	17.37	178	13620	0.424	ng	# 99
26) Fluoranthene	19.30	202	18416	0.392	ng	99
28) Pyrene	19.67	202	18875	0.480	ng	100
30) Benzo(a)anthracene	21.40	228	15747	0.448	ng	99
31) Chrysene	21.46	228	17857	0.481	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	39191	0.460	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	9629	0.389	ng	98
35) Benzo(b)fluoranthene	23.16	252	12809	0.467	ng	98
36) Benzo(k)fluoranthene	23.21	252	16332	0.485	ng	96
37) Benzo(a)pyrene	23.82	252	13426	0.480	ng	97
38) Dibenzo(a,h)anthracene	26.62	278	7400	0.399	ng	# 91
39) Benzo(g,h,i)perylene	27.42	276	8639	0.442	ng	99

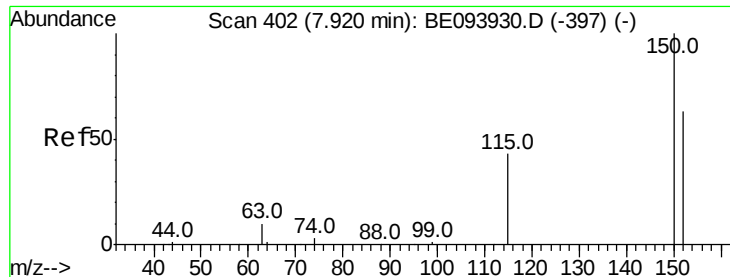
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093989.D
Acq On : 13 Sep 2017 15:04
Operator : SJ/JU
Sample : I5189-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 2

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-090817MS

Quant Time: Sep 14 00:53:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.800 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

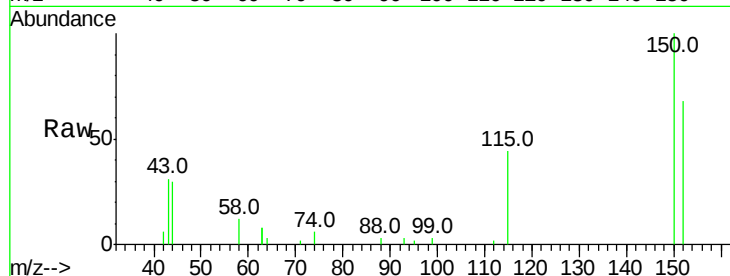
Tot Ion:152 Resp: 2972

Ion Ratio Lower Upper

152 100

150 147.5 121.8 182.6

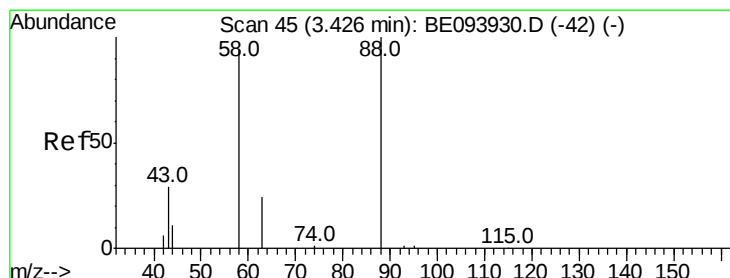
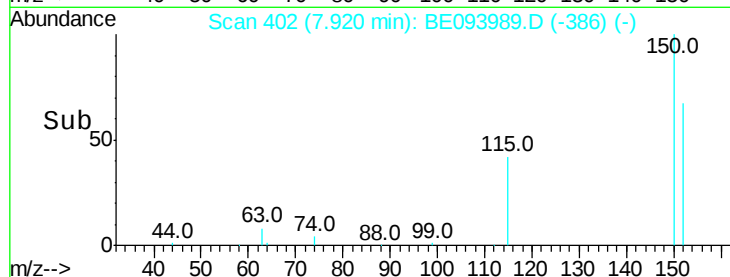
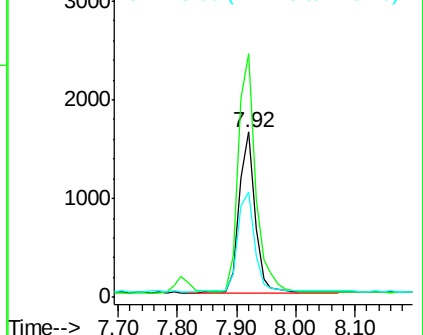
115 64.2 52.6 79.0



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: 0.248 ng

RT: 3.43 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

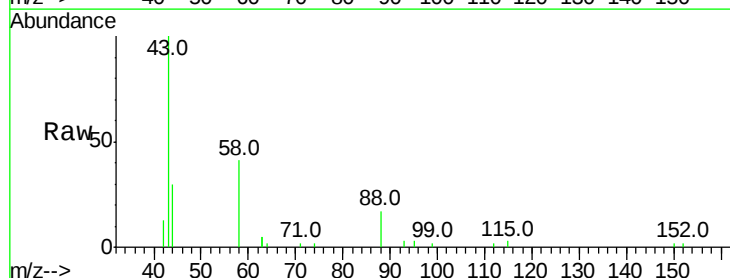
Tgt Ion: 88 Resp: 508

Ion Ratio Lower Upper

88 100

58 156.9 65.4 98.0#

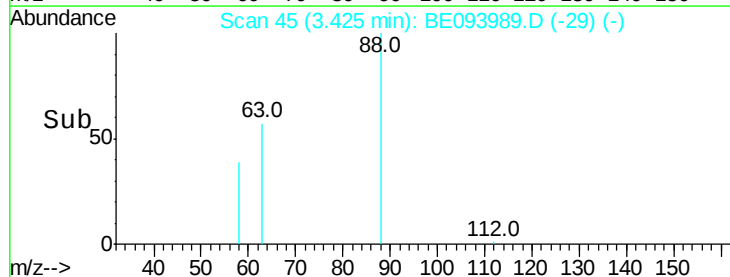
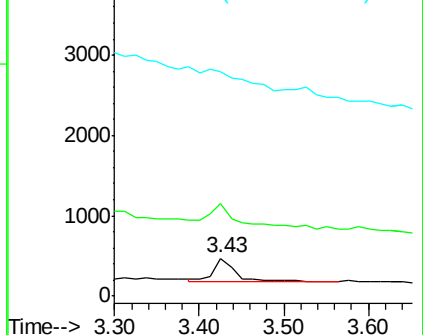
43 0.0 23.9 35.9#

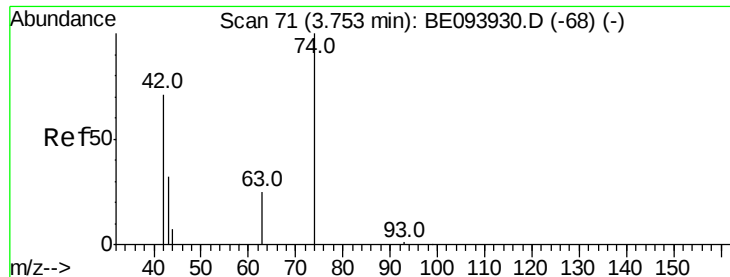


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.200 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

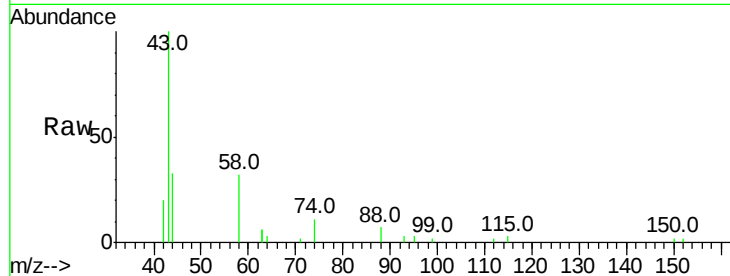
Tot Ion: 42 Resp: 479

Ion Ratio Lower Upper

42 100

74 119.6 104.0 156.0

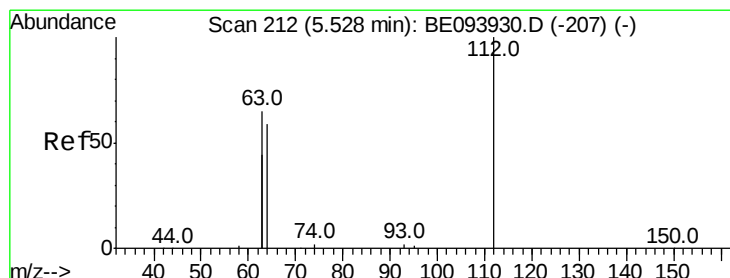
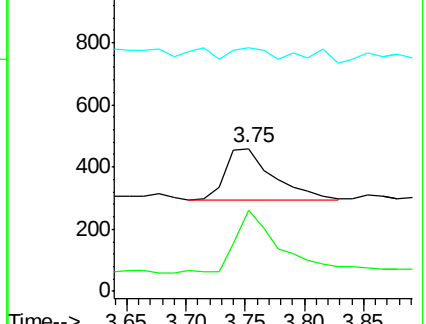
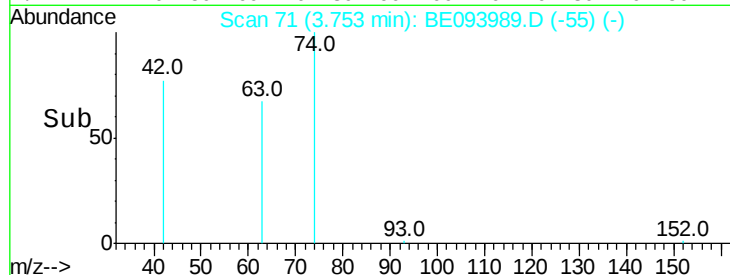
44 15.4 13.8 20.8



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: 0.223 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

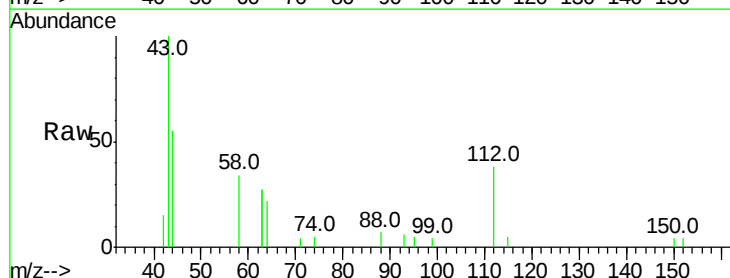
Tgt Ion: 112 Resp: 1070

Ion Ratio Lower Upper

112 100

64 70.0 57.7 86.5

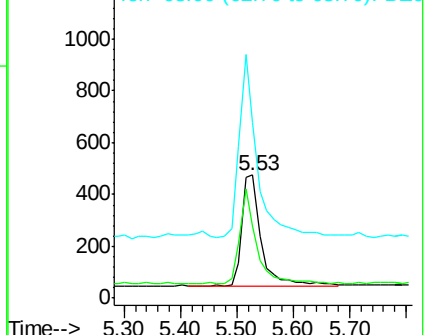
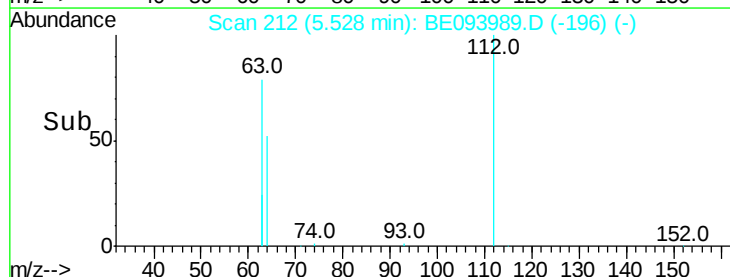
63 147.6 116.0 174.0

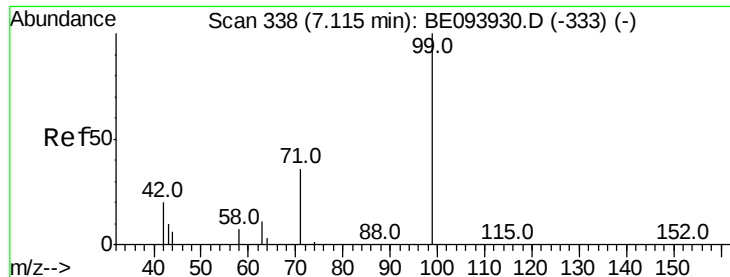


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.122 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

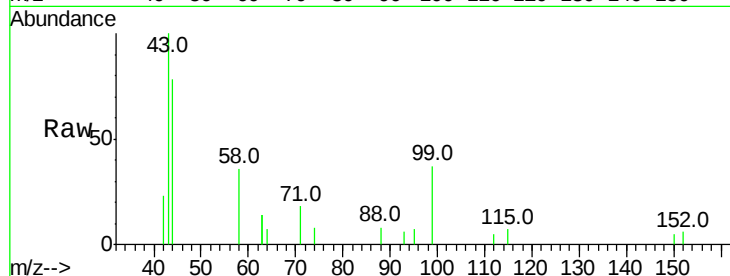
Tot Ion: 99 Resp: 879

Ion Ratio Lower Upper

99 100

42 23.4 17.1 25.7

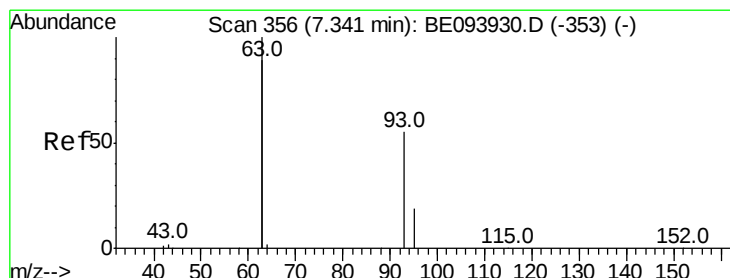
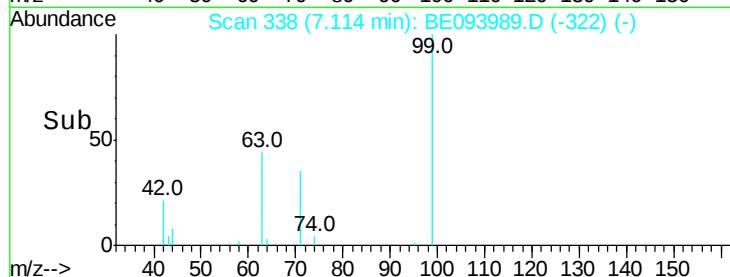
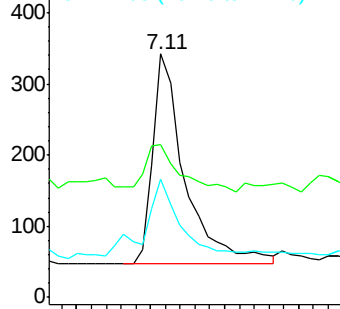
71 46.5 26.6 39.8#



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: 0.453 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

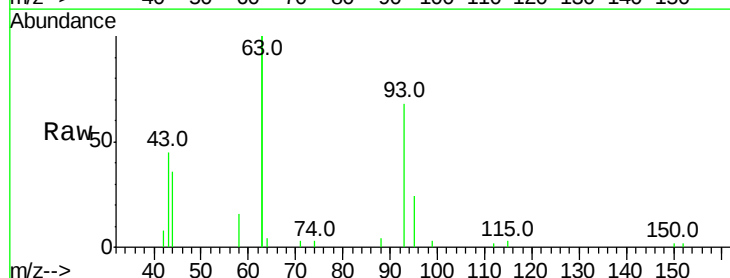
Tgt Ion: 93 Resp: 2671

Ion Ratio Lower Upper

93 100

63 338.9 283.4 425.2

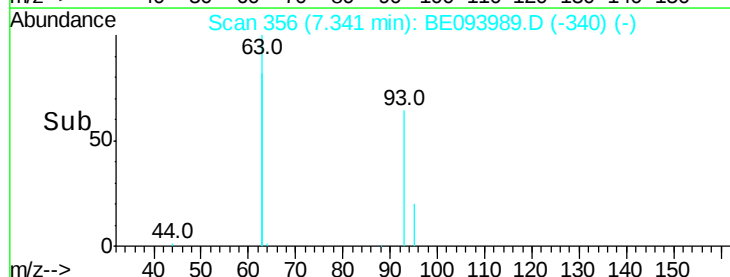
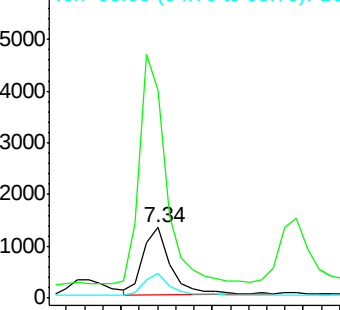
95 31.8 26.9 40.3

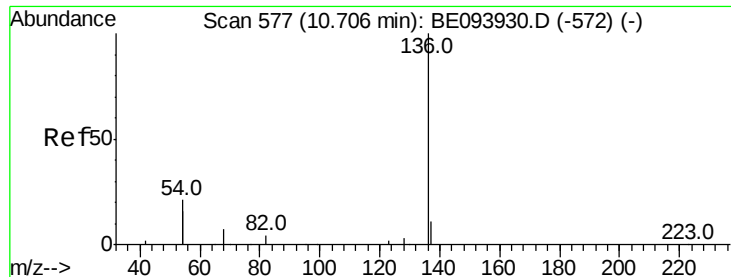


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.800 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

Tot Ion:136 Resp: 14819

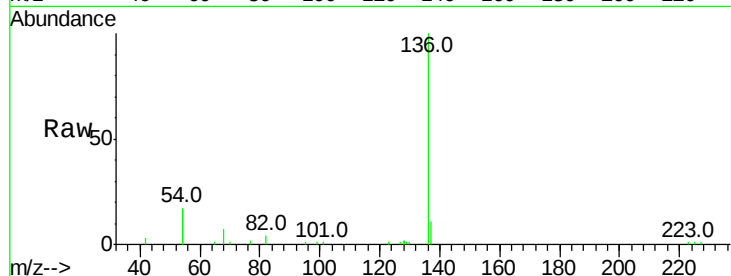
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 33.2 21.9 32.9#

68 6.8 4.6 7.0

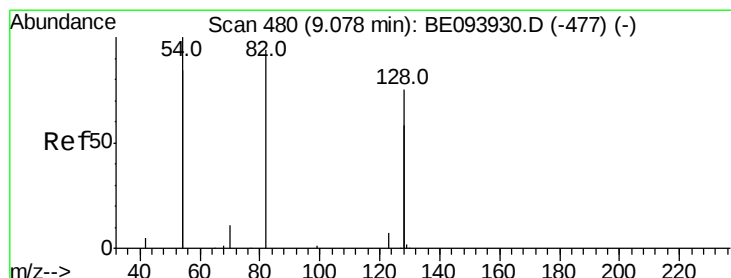
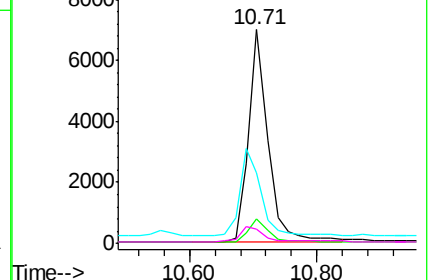
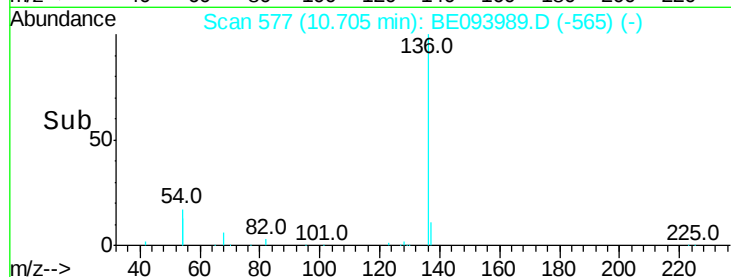


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.486 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

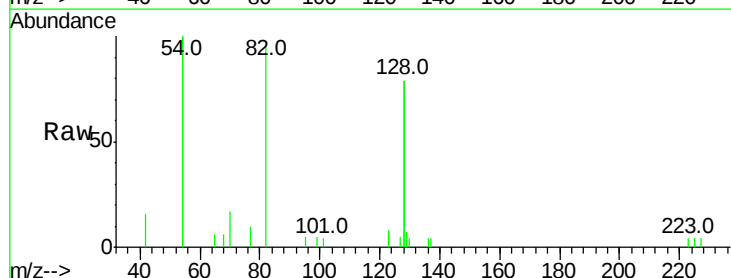
Tgt Ion: 82 Resp: 3046

Ion Ratio Lower Upper

82 100

128 164.5 91.4 137.0#

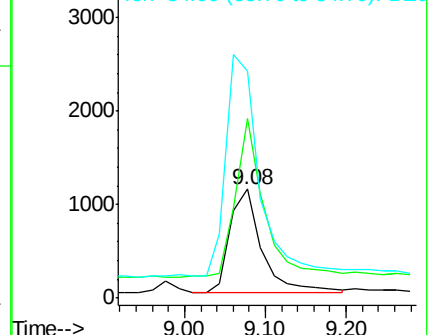
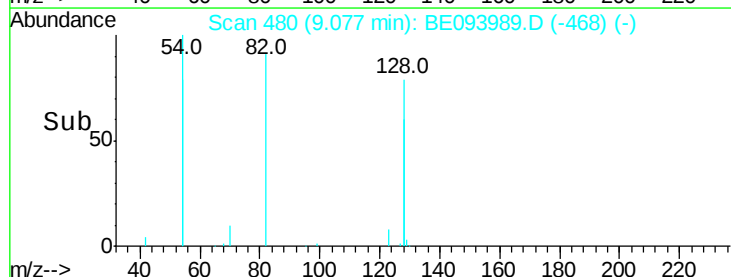
54 208.8 197.8 296.8

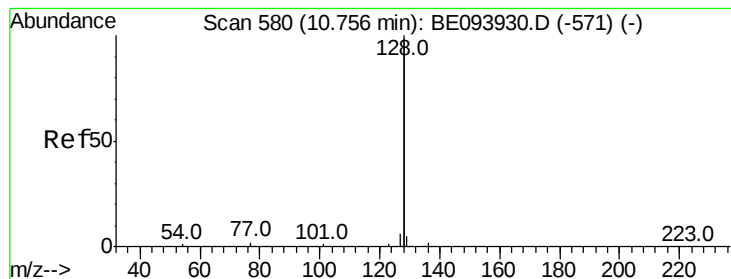


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.473 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

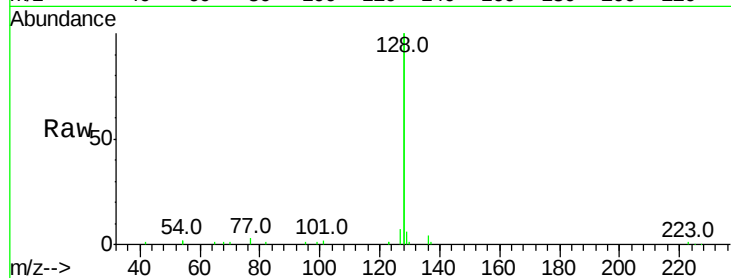
Tot Ion:128 Resp: 40166

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

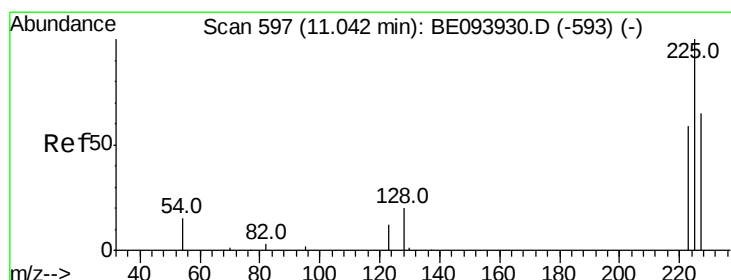
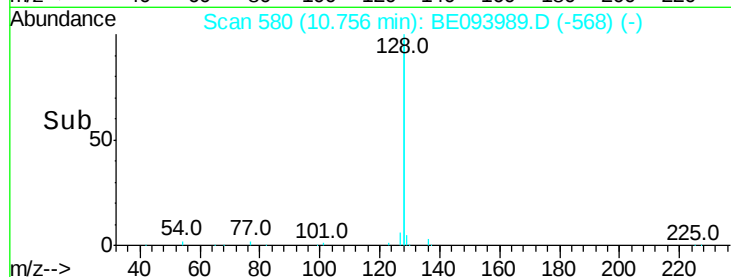
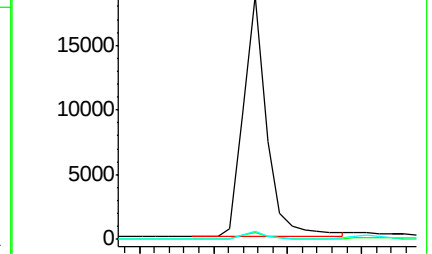
127 3.5 2.6 4.0



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: 0.430 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

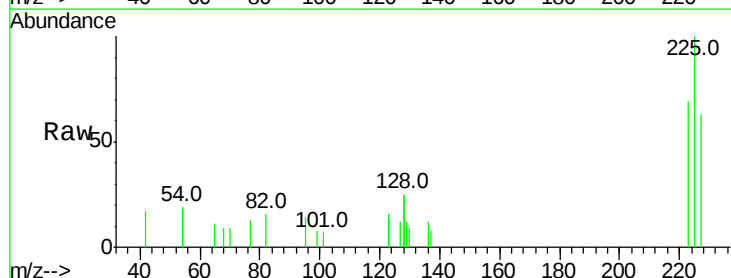
Tgt Ion:225 Resp: 1326

Ion Ratio Lower Upper

225 100

223 66.5 49.4 74.0

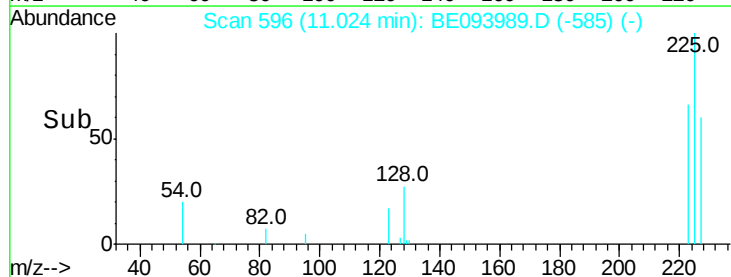
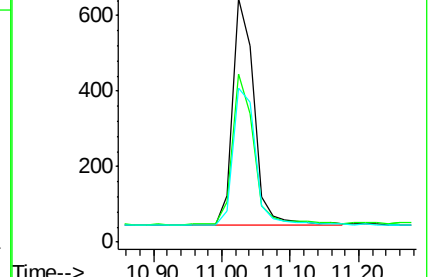
227 63.3 50.5 75.7

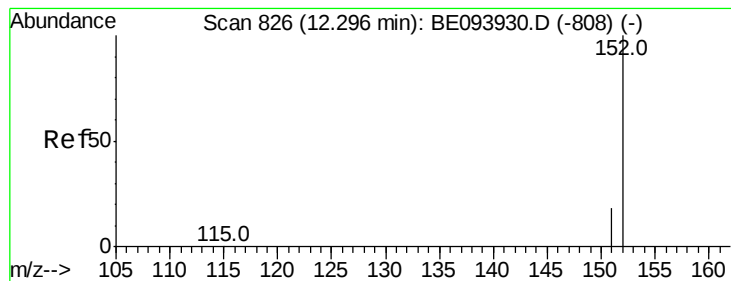


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.492 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

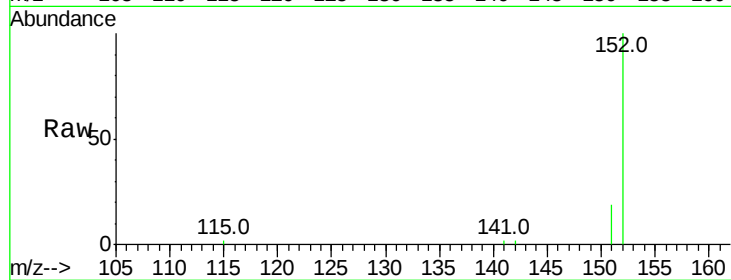
PR-MW-03-090817MS

Tot Ion:152 Resp: 5831

Ion Ratio Lower Upper

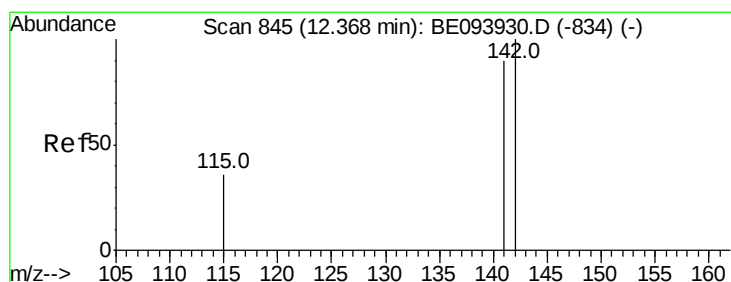
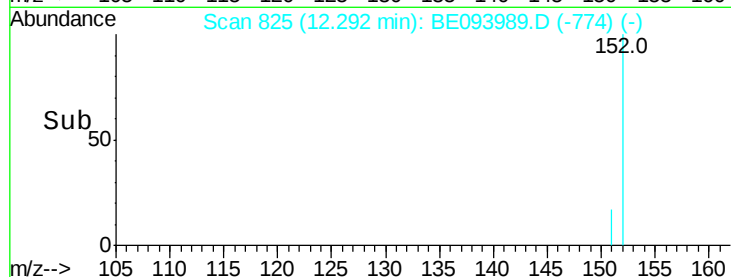
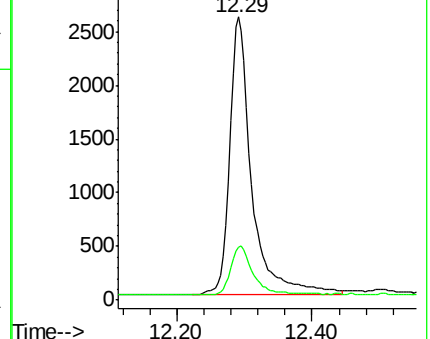
152 100

151 18.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.490 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

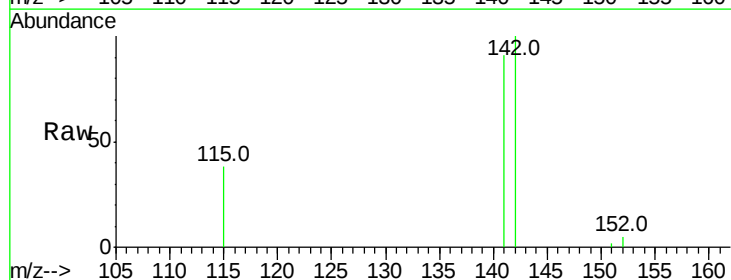
Tgt Ion:142 Resp: 6913

Ion Ratio Lower Upper

142 100

141 91.4 71.4 107.2

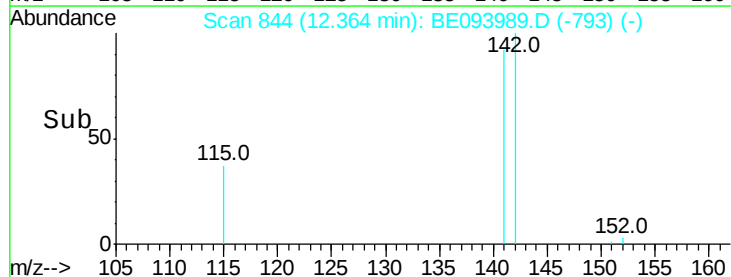
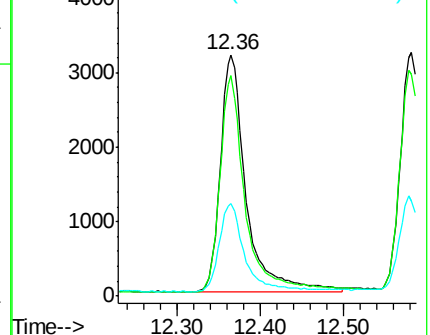
115 38.3 29.4 44.0

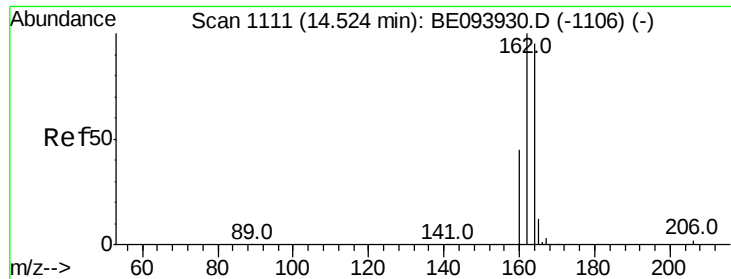


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

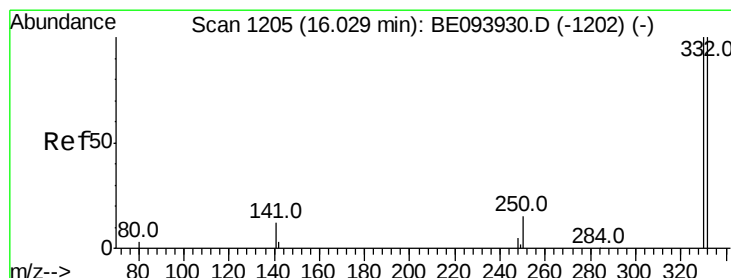
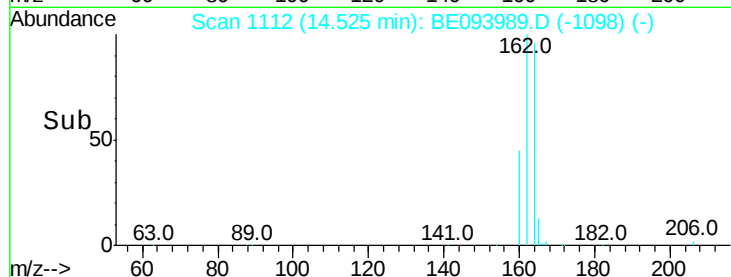
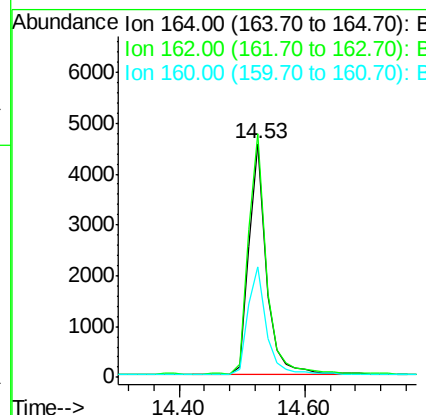
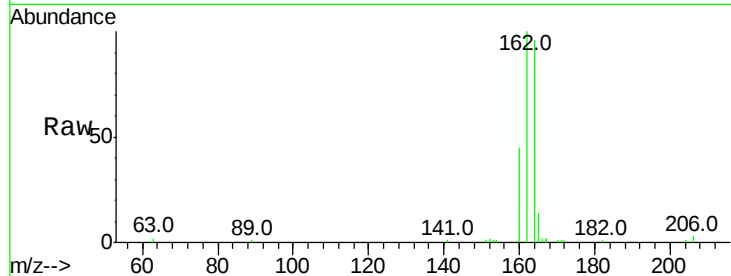




#13
 Acenaphthene-d10
 Concen: 0.800 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093989.D
 Acq: 13 Sep 2017 15:04

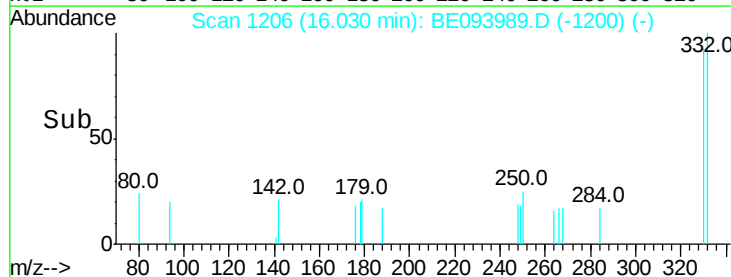
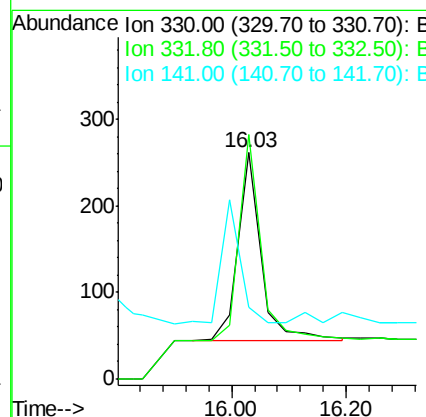
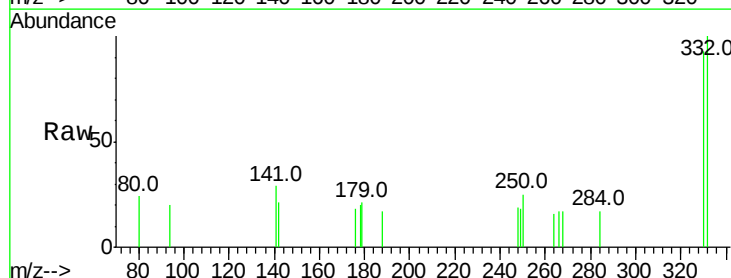
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-090817MS

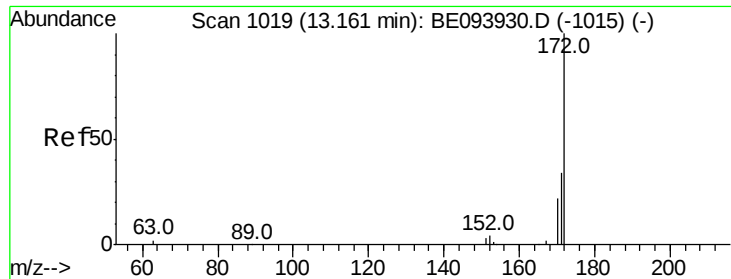
Tot Ion:164 Resp: 8816
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.8 121.2
 160 47.2 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.441 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093989.D
 Acq: 13 Sep 2017 15:04

Tgt Ion:330 Resp: 602
 Ion Ratio Lower Upper
 330 100
 332 103.0 76.9 115.3
 141 0.0 0.0 0.0

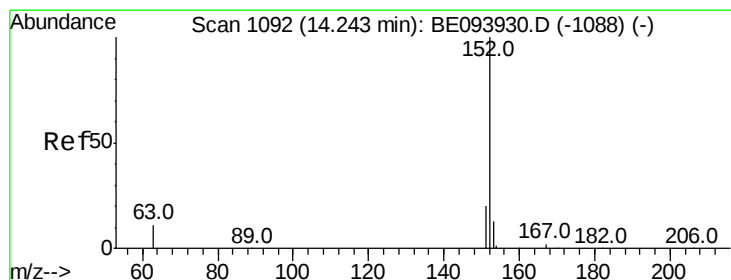
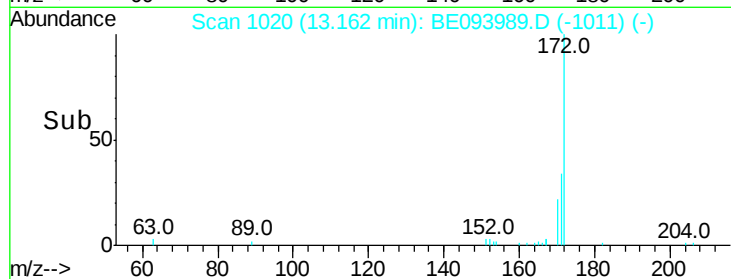
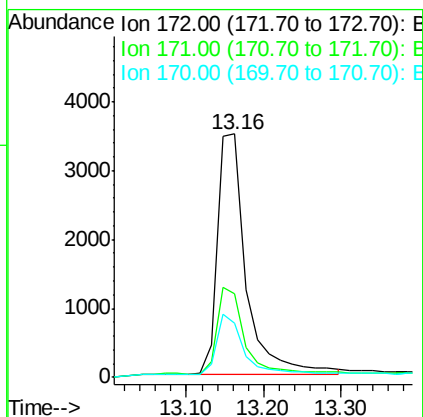
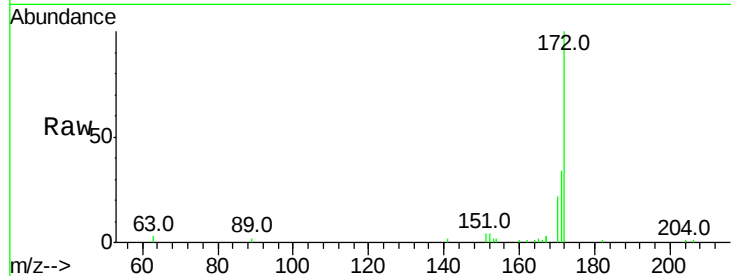




#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

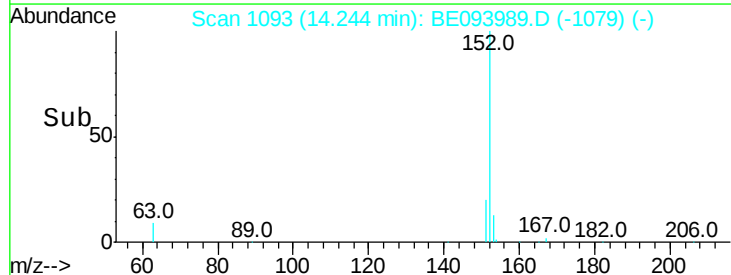
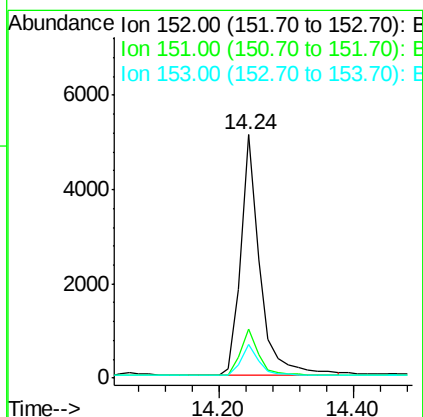
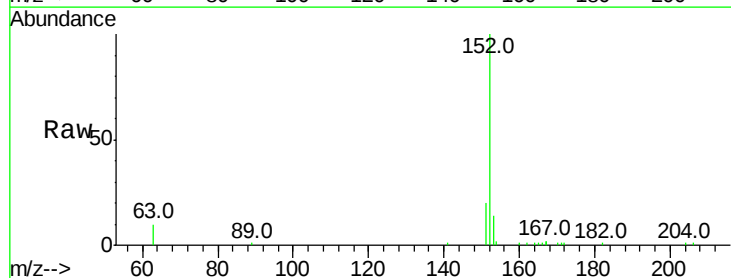
Instrument :
BNA_E
ClientSampleId :
PR-MW-03-090817MS

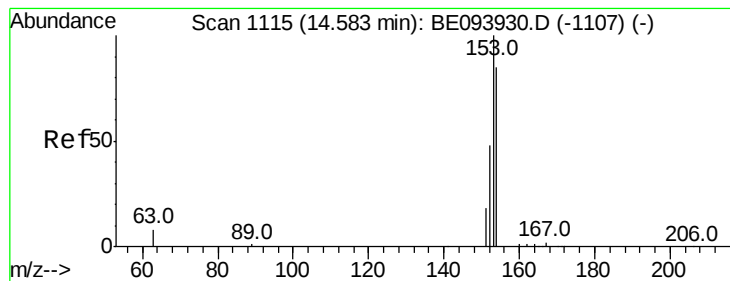
Tot Ion:172 Resp: 8974
Ion Ratio Lower Upper
172 100
171 34.2 26.9 40.3
170 22.1 17.3 25.9



#16
Acenaphthylene
Concen: 0.459 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

Tgt Ion:152 Resp: 10098
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.477 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

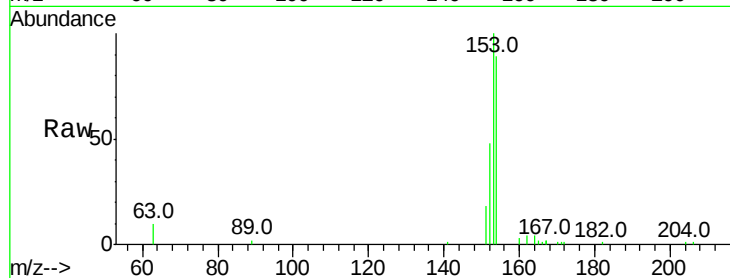
Tot Ion:154 Resp: 7090

Ion Ratio Lower Upper

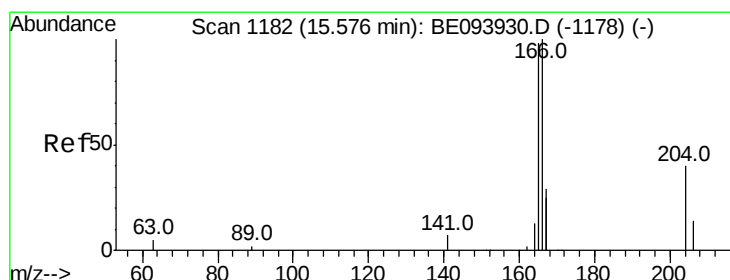
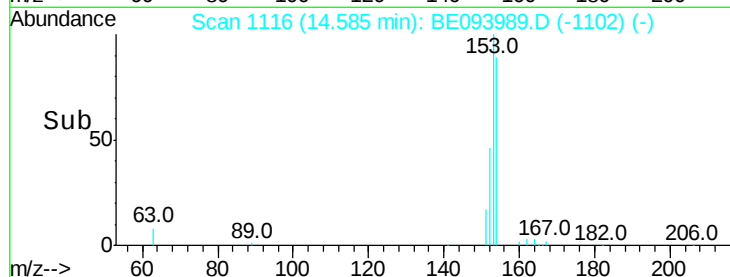
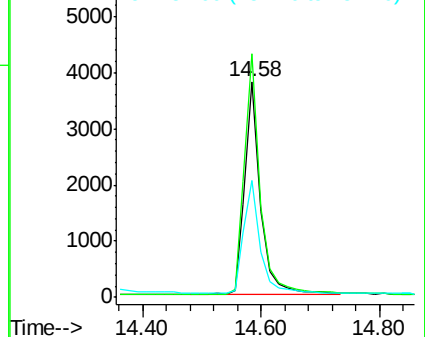
154 100

153 113.0 91.8 137.6

152 54.1 44.9 67.3



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: 0.480 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

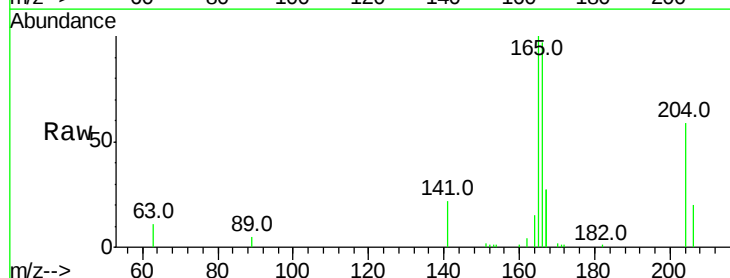
Tgt Ion:166 Resp: 9211

Ion Ratio Lower Upper

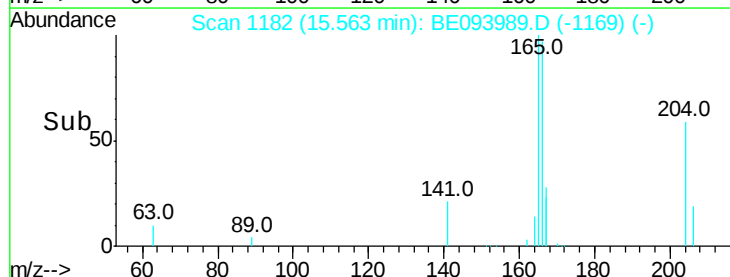
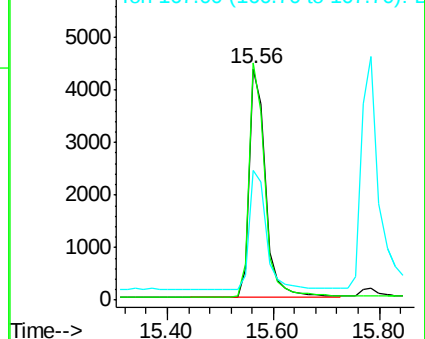
166 100

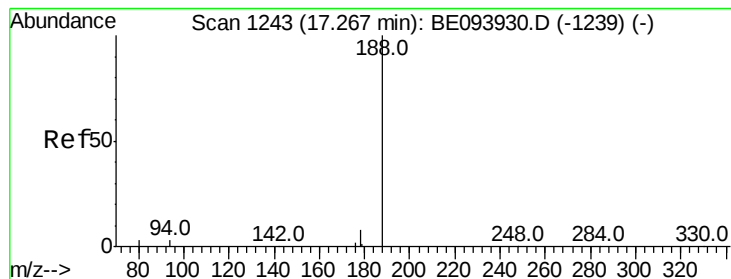
165 98.9 79.4 119.0

167 53.4 43.5 65.3



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: 0.800 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

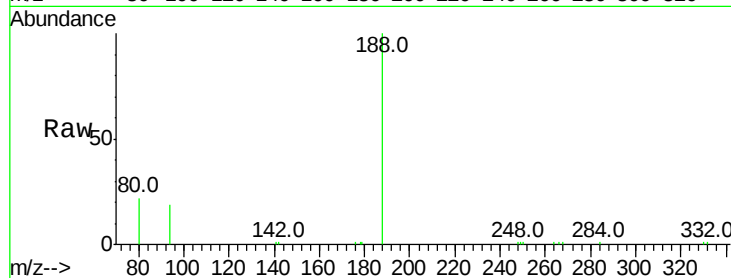
Tot Ion:188 Resp: 21076

Ion Ratio Lower Upper

188 100

94 19.4 16.1 24.1

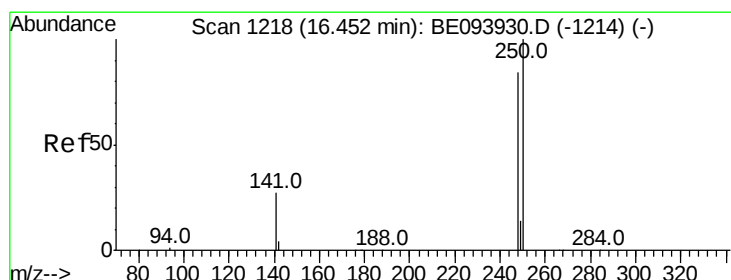
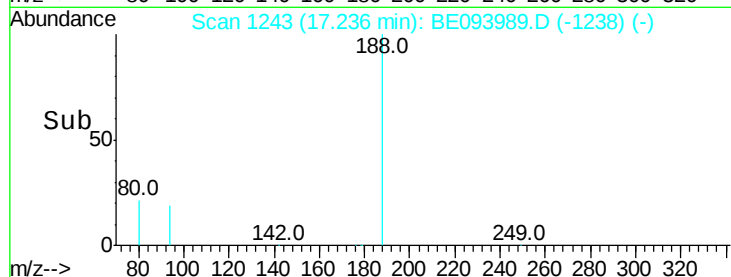
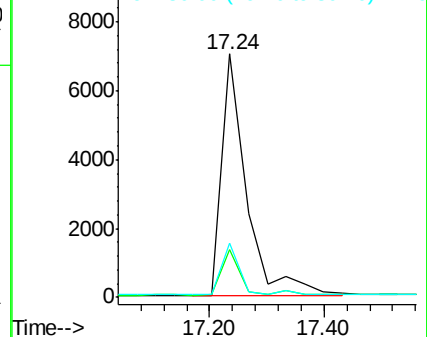
80 22.2 18.2 27.2



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: 0.202 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

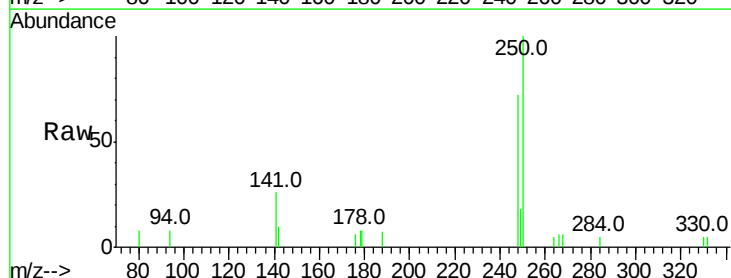
Tgt Ion:248 Resp: 1956

Ion Ratio Lower Upper

248 100

250 139.6 111.8 167.8

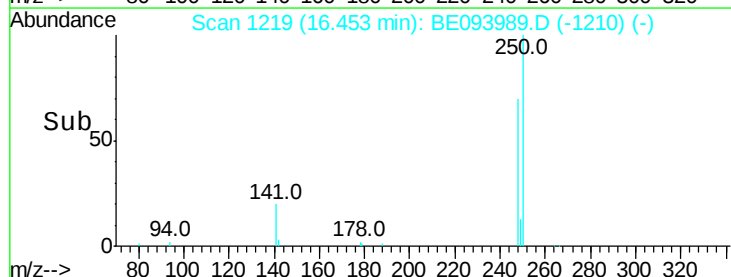
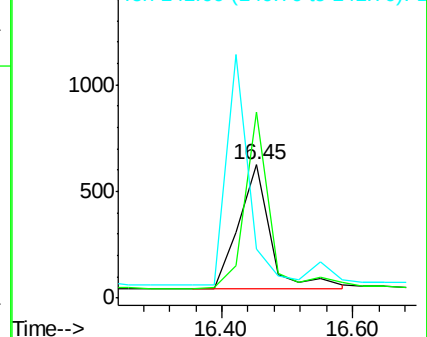
141 36.7 27.1 40.7

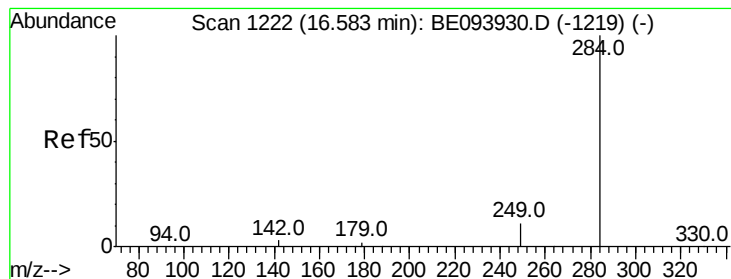


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.295 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

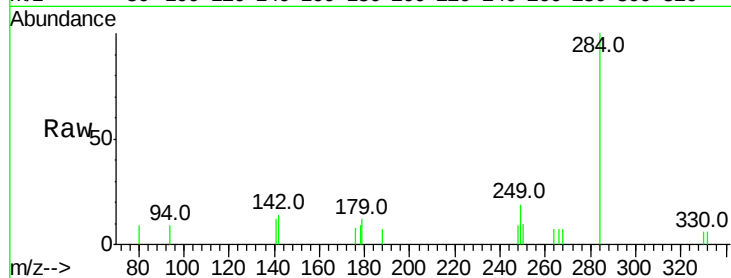
Tot Ion:284 Resp: 1838

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 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

16.58

800

600

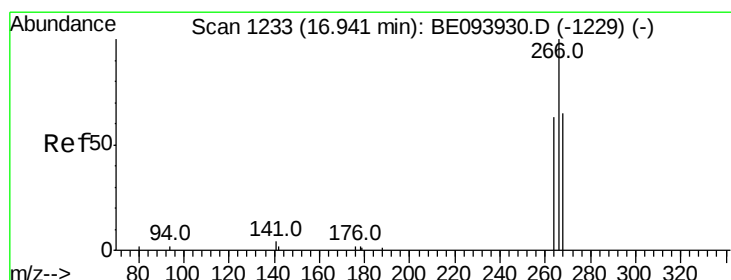
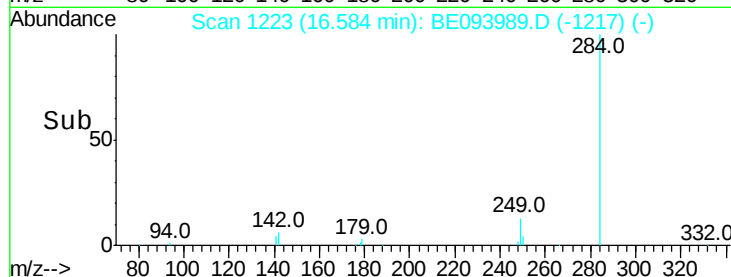
400

200

0

16.40 16.50 16.60

Time-->



#22

Pentachlorophenol

Concen: 0.746 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

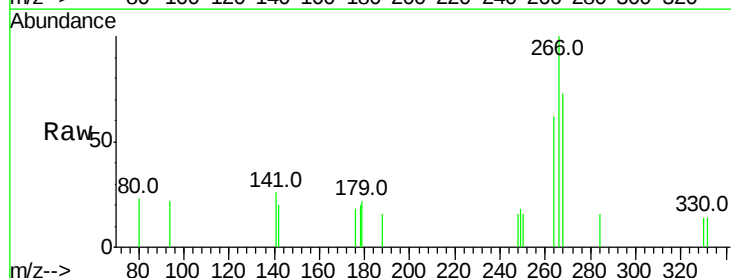
Tgt Ion:266 Resp: 1246

Ion Ratio Lower Upper

266 100

264 61.7 53.5 80.3

268 73.3 60.0 90.0



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

16.94

400

300

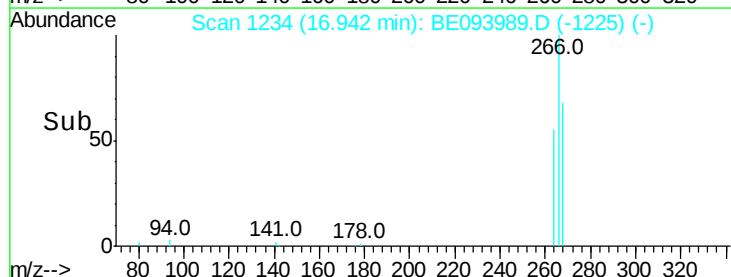
200

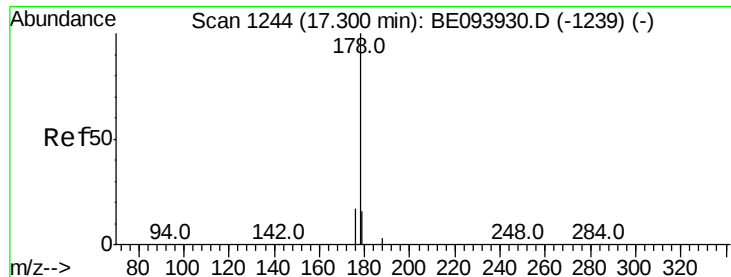
100

0

16.60 16.80 17.00

Time-->





#23

Phenanthrene

Concen: 0.118 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

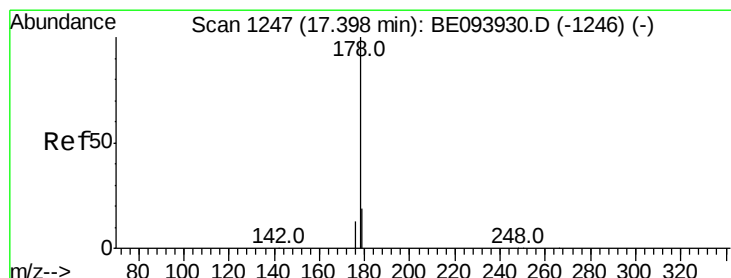
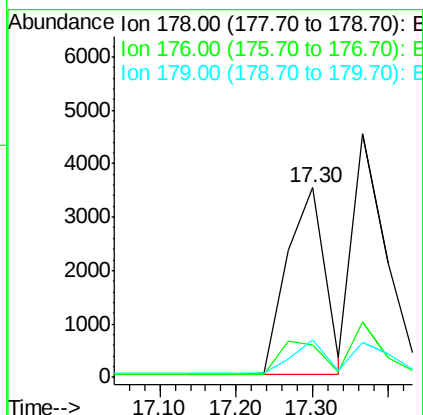
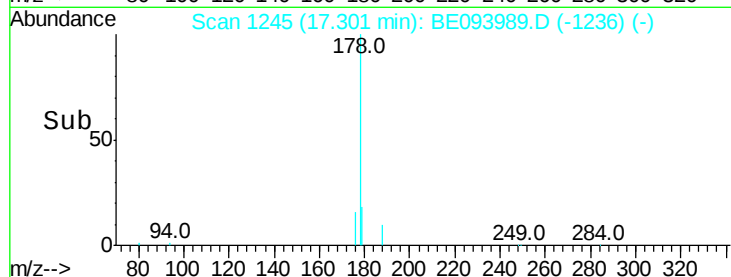
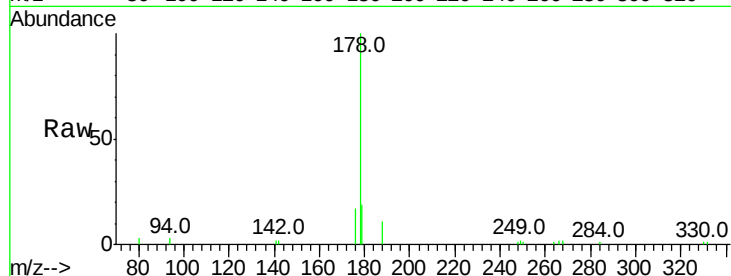
Tot Ion:178 Resp: 11980

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 15.7 12.6 18.8



#24

Anthracene

Concen: 0.424 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

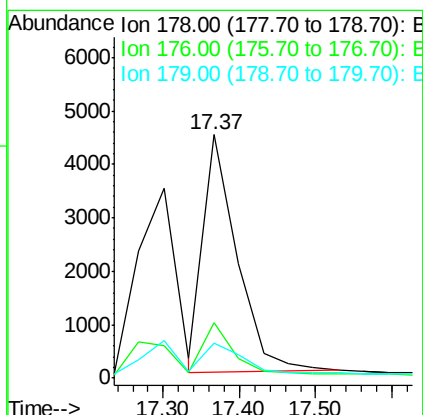
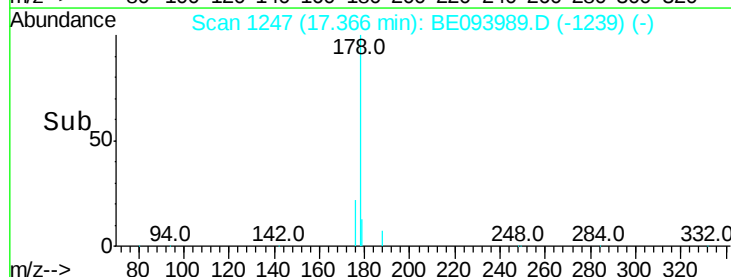
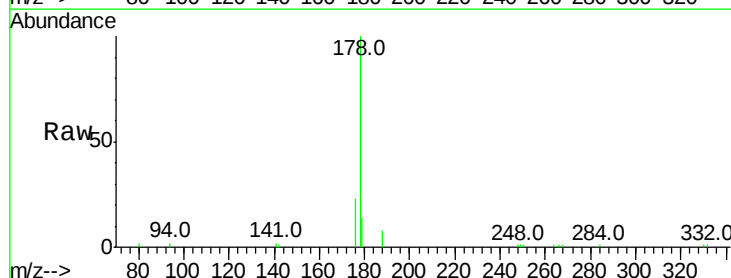
Tgt Ion:178 Resp: 13620

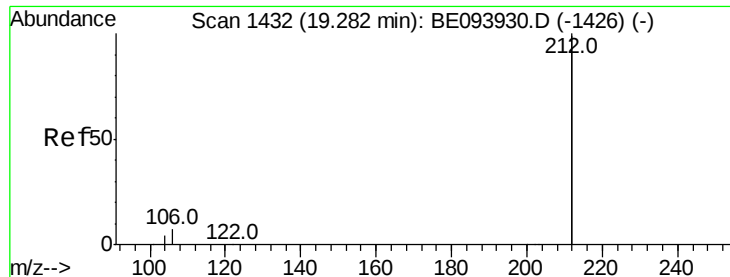
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 0.0 0.0 0.0





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

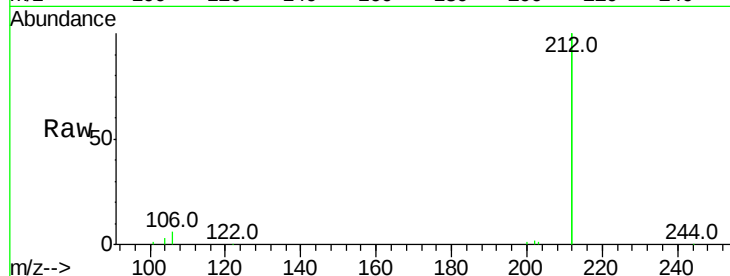
Tot Ion:212 Resp: 61558

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

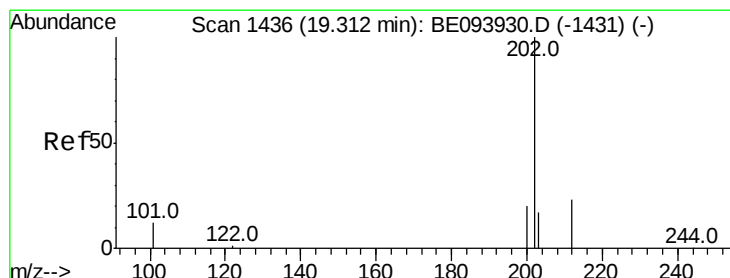
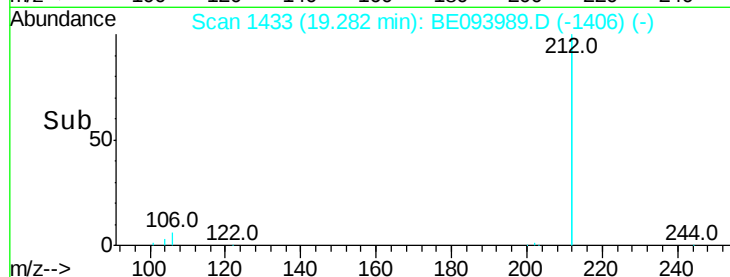
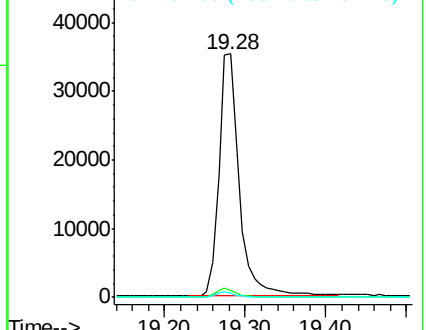
104 2.0 1.6 2.4



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: 0.392 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

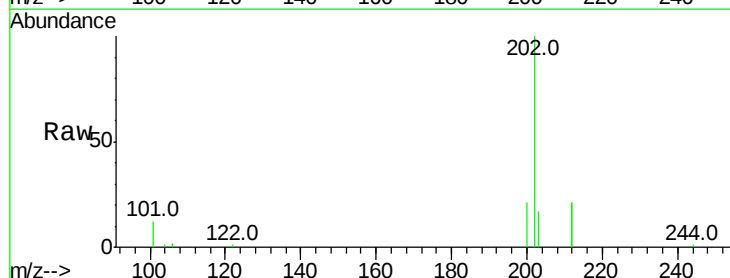
Tgt Ion:202 Resp: 18416

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

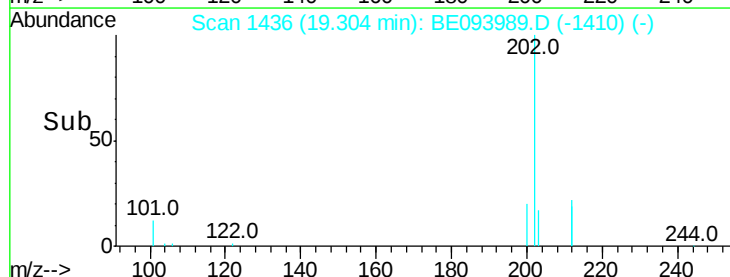
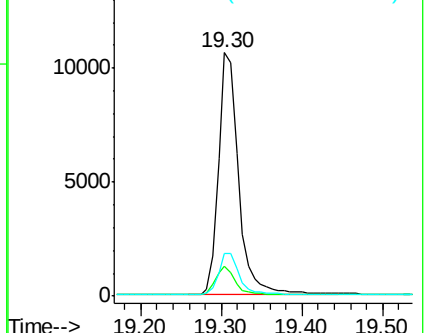
203 16.9 13.7 20.5

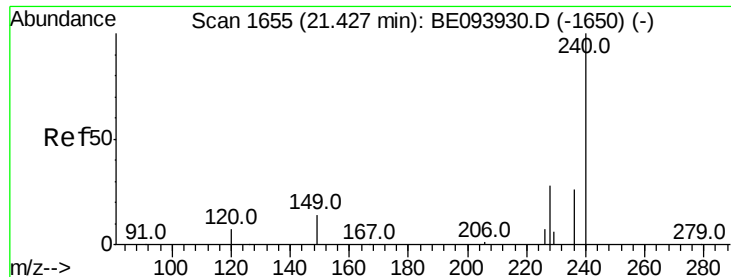


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.800 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

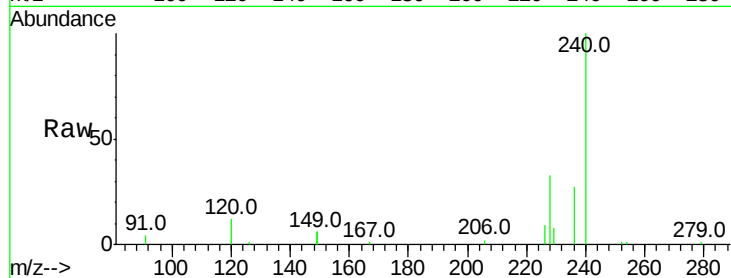
Tot Ion:240 Resp: 22872

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.7	13.1
236	26.8	21.3	31.9

240 100

120 11.9 8.7 13.1

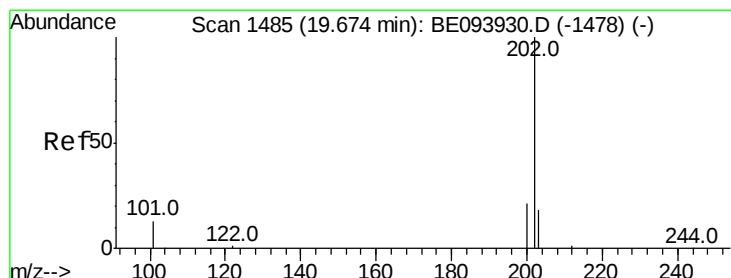
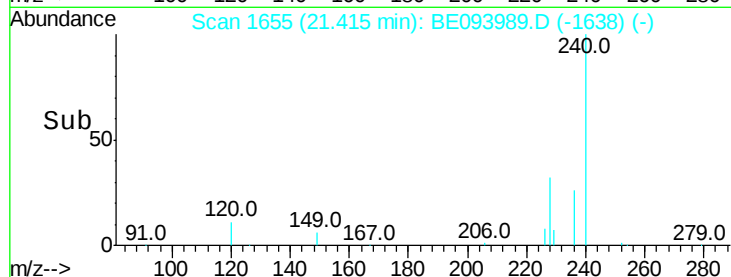
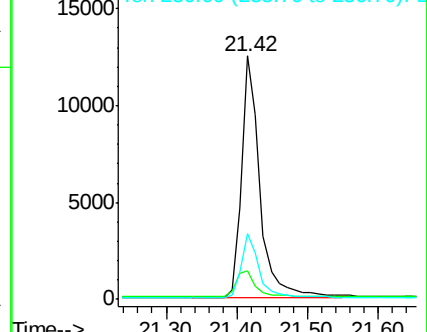
236 26.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.480 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

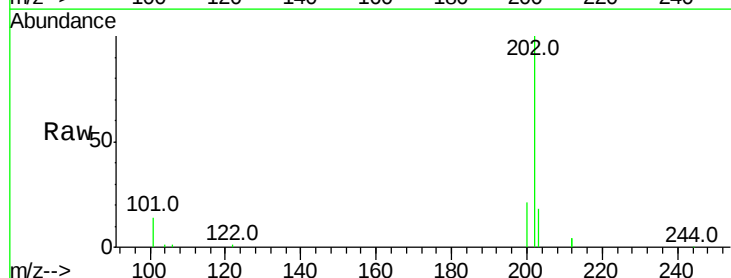
Tgt Ion:202 Resp: 18875

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.9	14.2	21.4

202 100

200 20.6 16.6 24.8

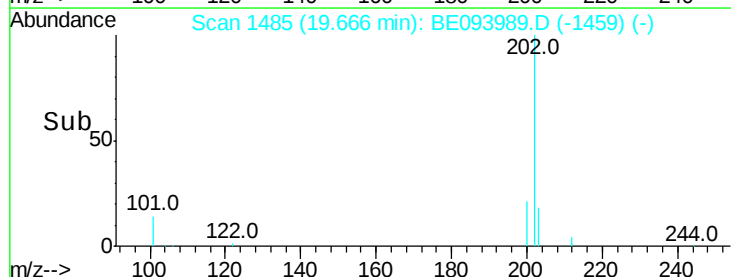
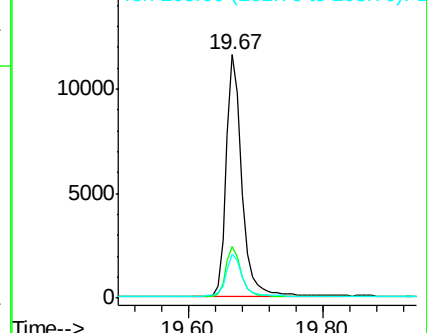
203 17.9 14.2 21.4

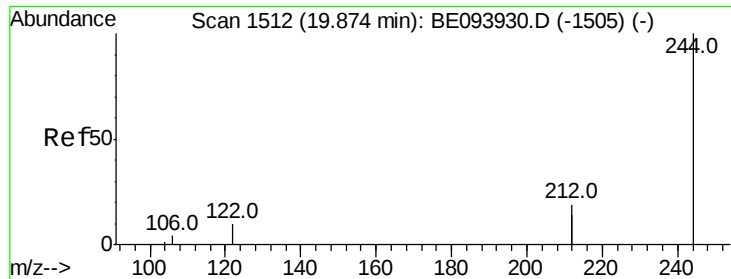


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.661 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

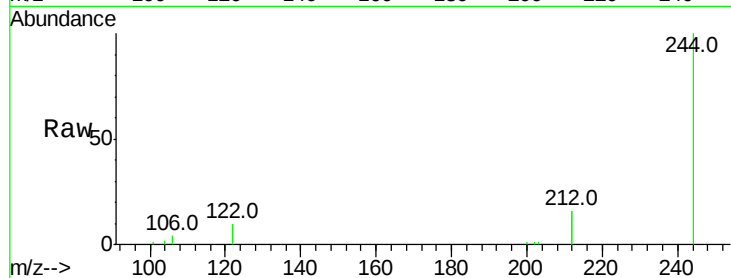
Tot Ion:244 Resp: 13919

Ion Ratio Lower Upper

244 100

212 32.4 28.3 42.5

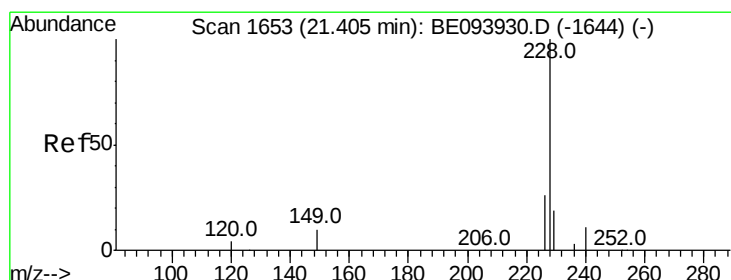
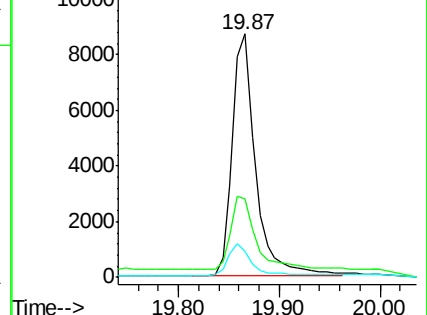
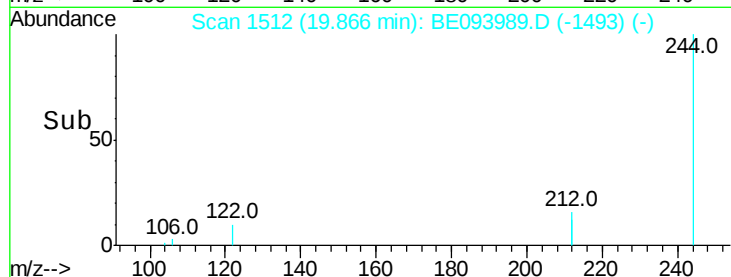
122 10.5 9.4 14.0



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: 0.448 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

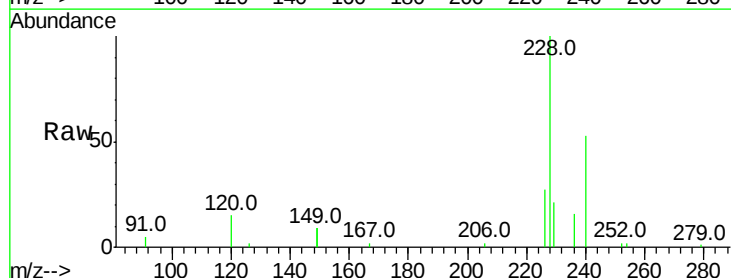
Tgt Ion:228 Resp: 15747

Ion Ratio Lower Upper

228 100

226 26.8 20.8 31.2

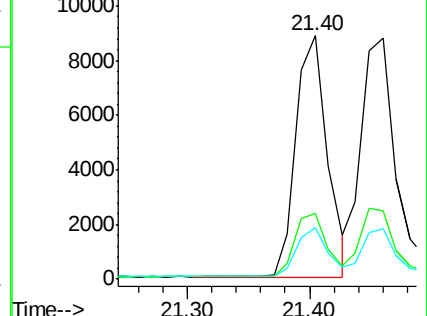
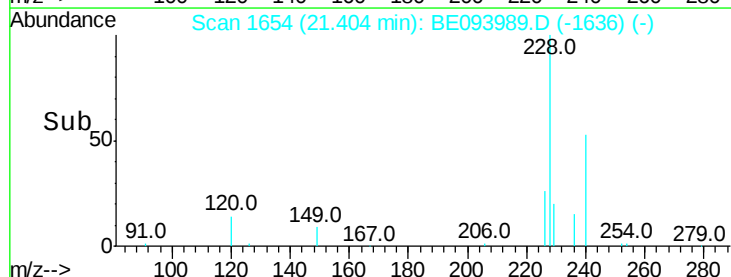
229 21.3 16.6 25.0

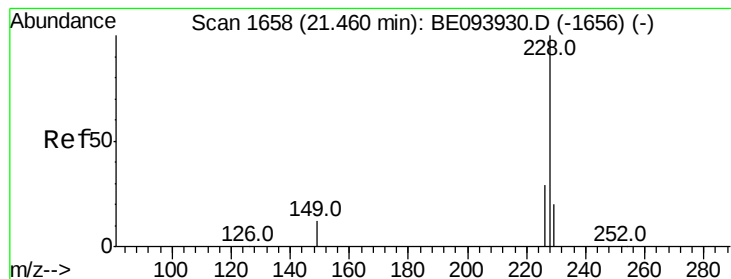


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.481 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

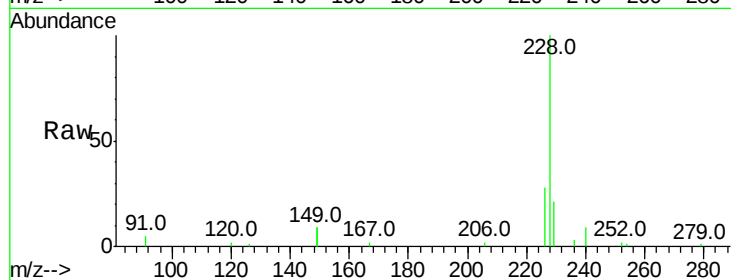
Tot Ion:228 Resp: 17857

Ion Ratio Lower Upper

228 100

226 28.5 24.6 37.0

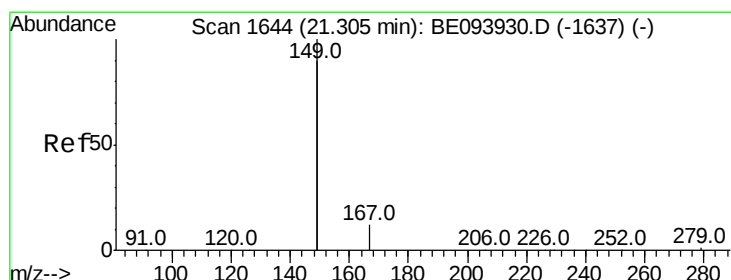
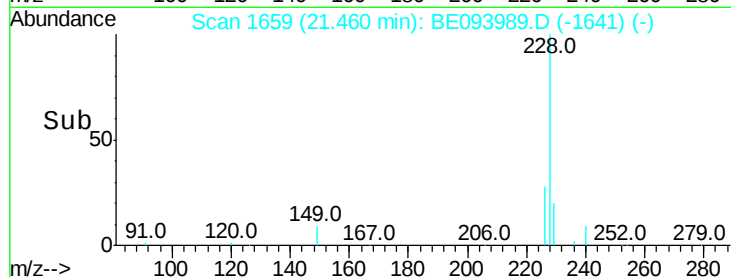
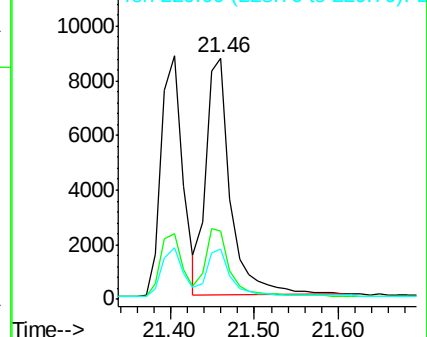
229 20.8 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.460 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

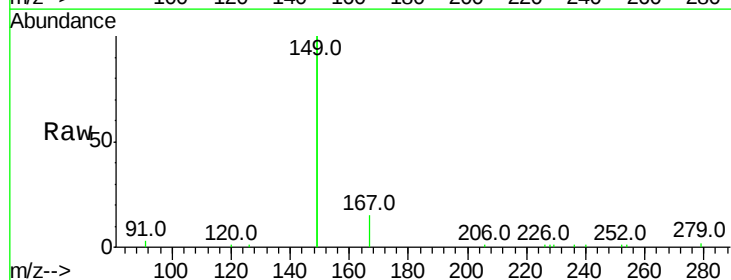
Tgt Ion:149 Resp: 39191

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

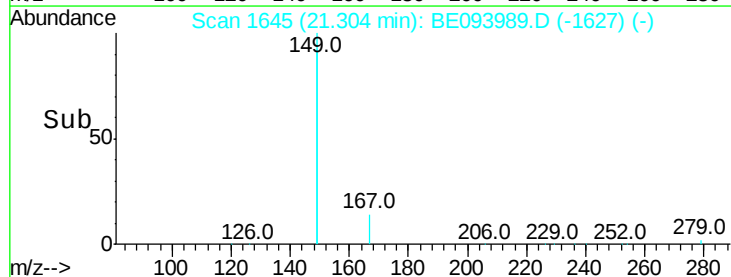
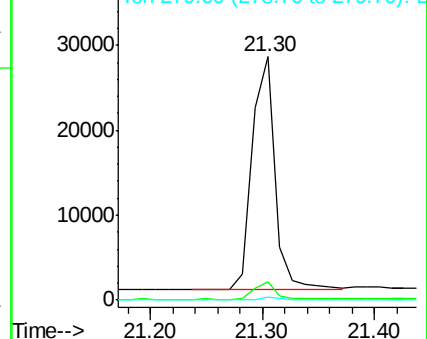
279 0.9 0.7 1.1

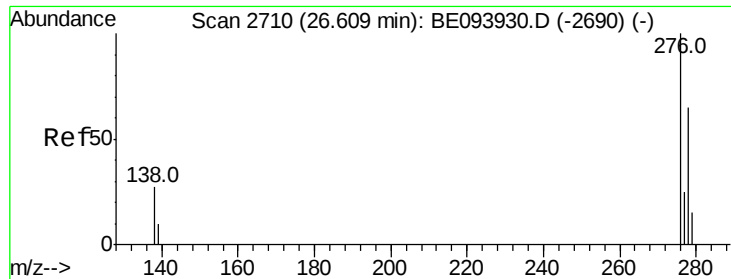


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

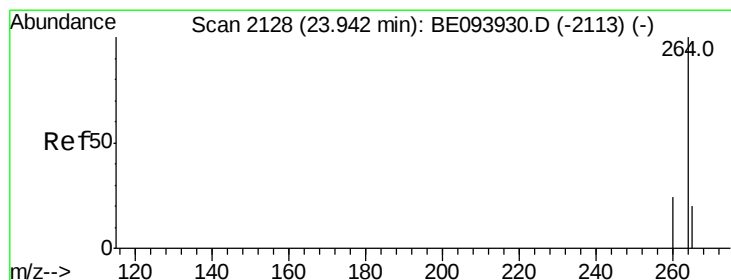
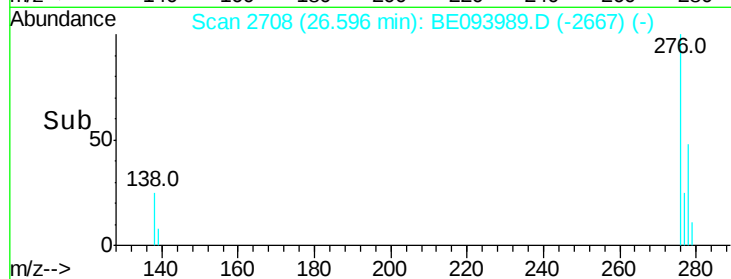
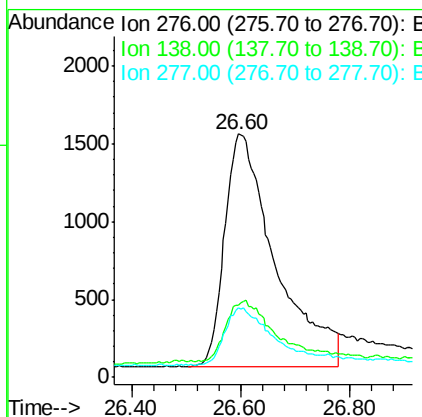
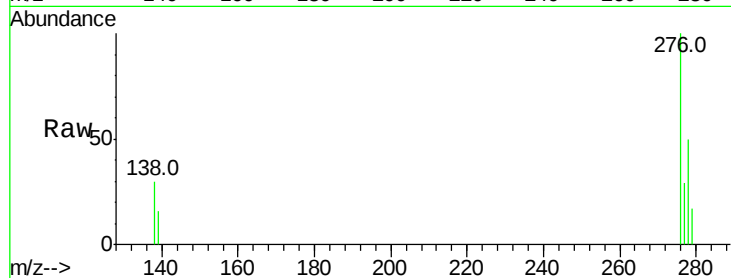




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.01 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

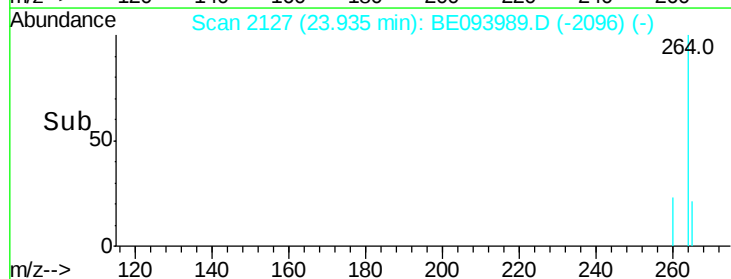
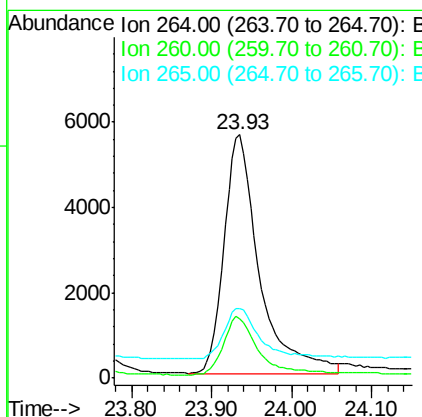
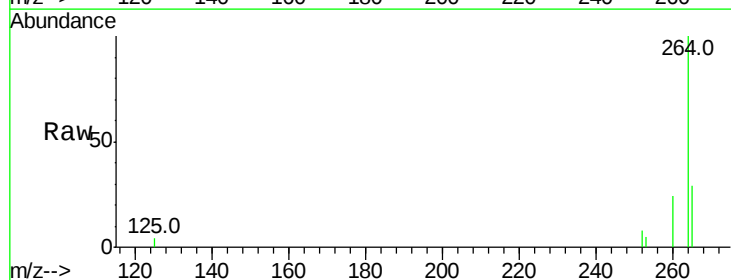
Instrument :
BNA_E
ClientSampleId :
PR-MW-03-090817MS

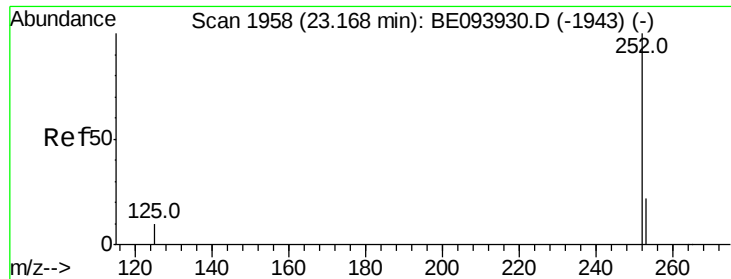
Tot Ion:276 Resp: 9629
Ion Ratio Lower Upper
276 100
138 26.0 22.2 33.2
277 23.6 19.5 29.3



#34
Perylene-d12
Concen: 0.800 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

Tgt Ion:264 Resp: 17238
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 28.7 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.467 ng

RT: 23.16 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS

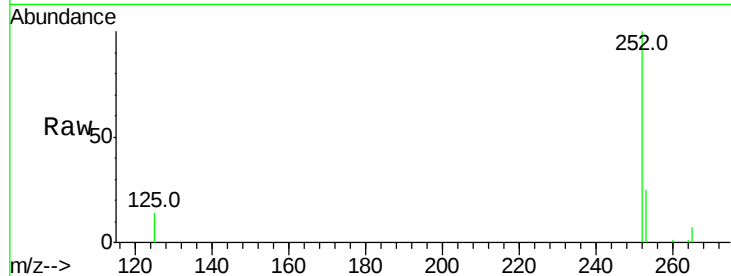
Tot Ion:252 Resp: 12809

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

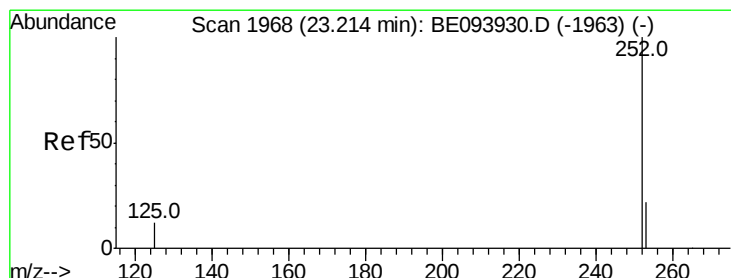
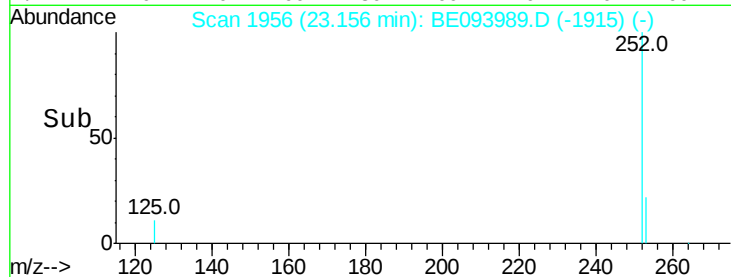
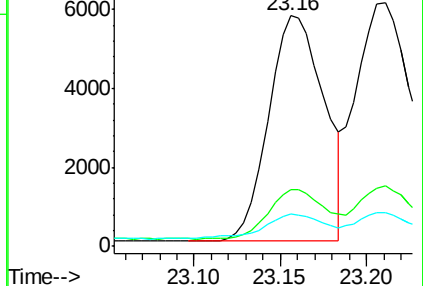
125 13.9 10.0 15.0



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: 0.485 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093989.D

Acq: 13 Sep 2017 15:04

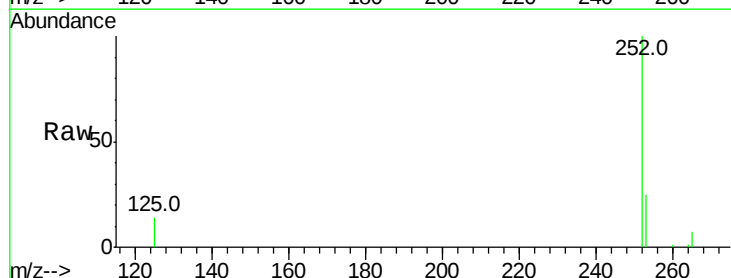
Tgt Ion:252 Resp: 16332

Ion Ratio Lower Upper

252 100

253 24.7 18.1 27.1

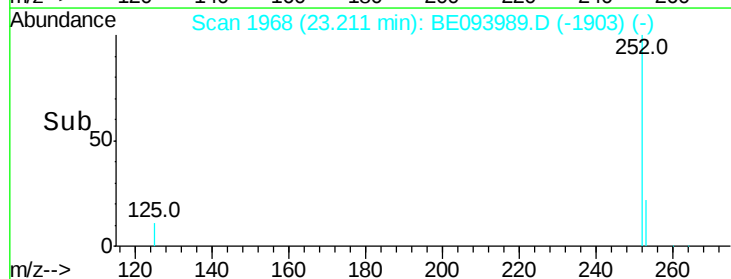
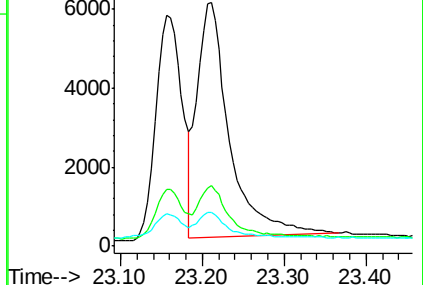
125 13.8 9.8 14.6

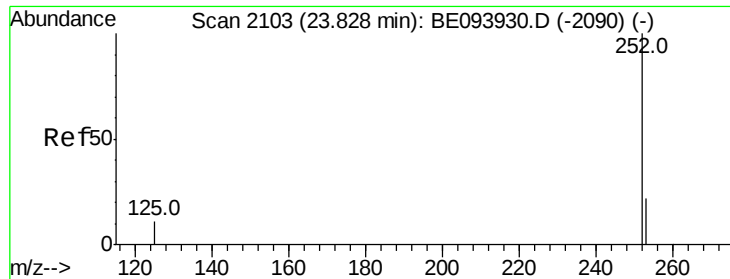


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

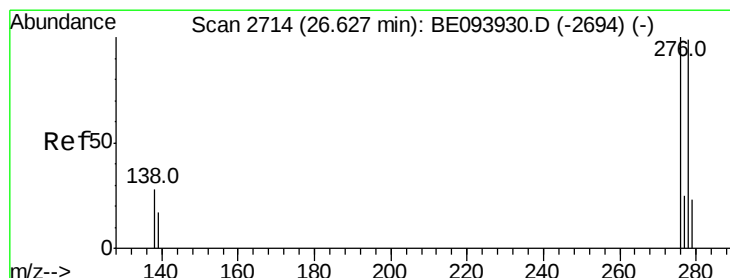
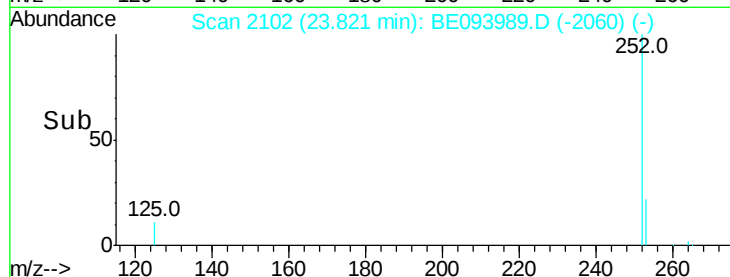
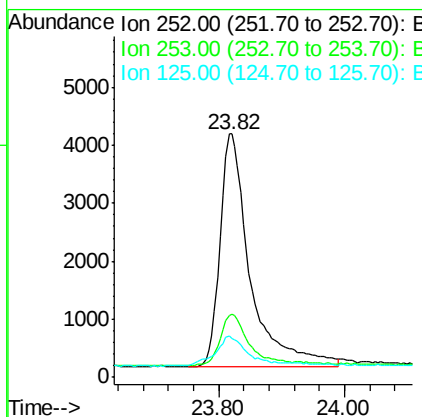
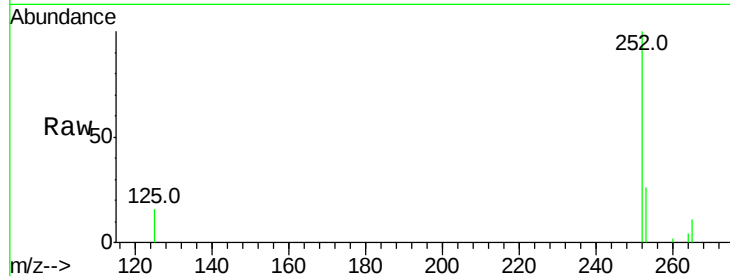




#37
Benzo(a)pyrene
Concen: 0.480 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

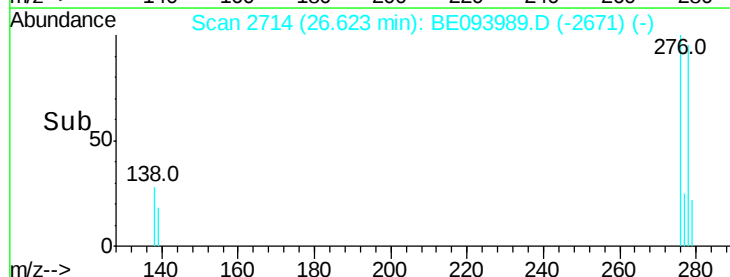
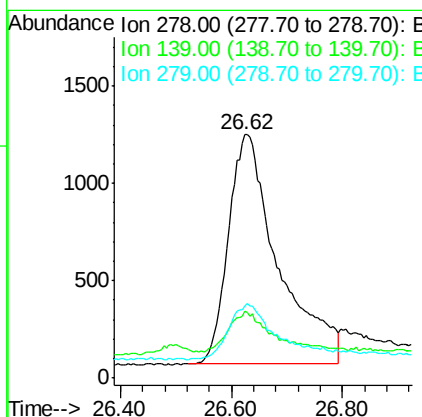
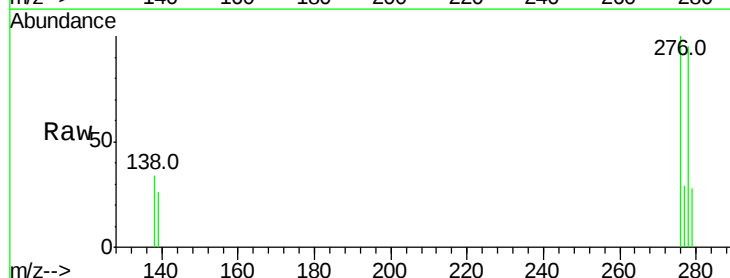
Instrument :
BNA_E
ClientSampleId :
PR-MW-03-090817MS

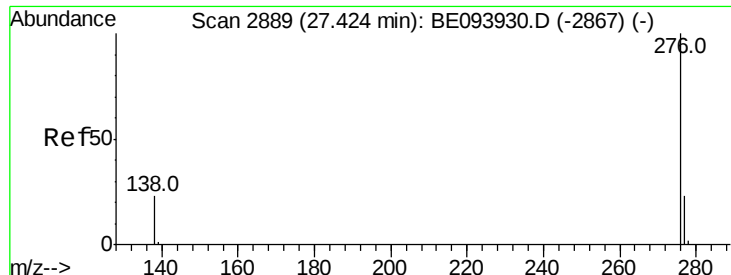
Tot Ion:252 Resp: 13426
Ion Ratio Lower Upper
252 100
253 26.0 19.6 29.4
125 15.7 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.62 min Scan# 2714
Delta R.T. -0.00 min
Lab File: BE093989.D
Acq: 13 Sep 2017 15:04

Tgt Ion:278 Resp: 7400
Ion Ratio Lower Upper
278 100
139 27.3 16.7 25.1#
279 29.4 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.442 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093989.D

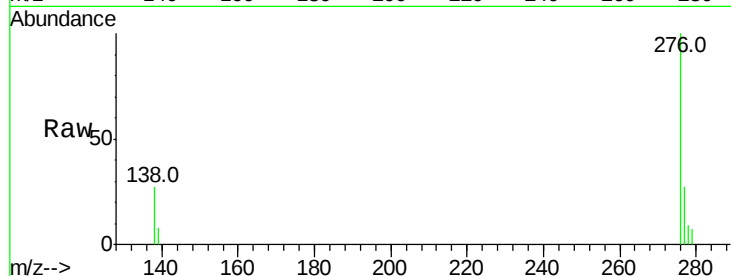
Acq: 13 Sep 2017 15:04

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-090817MS



Tot Ion:276 Resp: 8639

Ion Ratio Lower Upper

276 100

277 27.0 20.6 30.8

138 27.4 21.9 32.9

