

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

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 03 15:05:46 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3695	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	17881	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9562	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	24868	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36024	0.40	ng	0.00
34) Perylene-d12	23.94	264	34018	0.40	ng	0.00

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

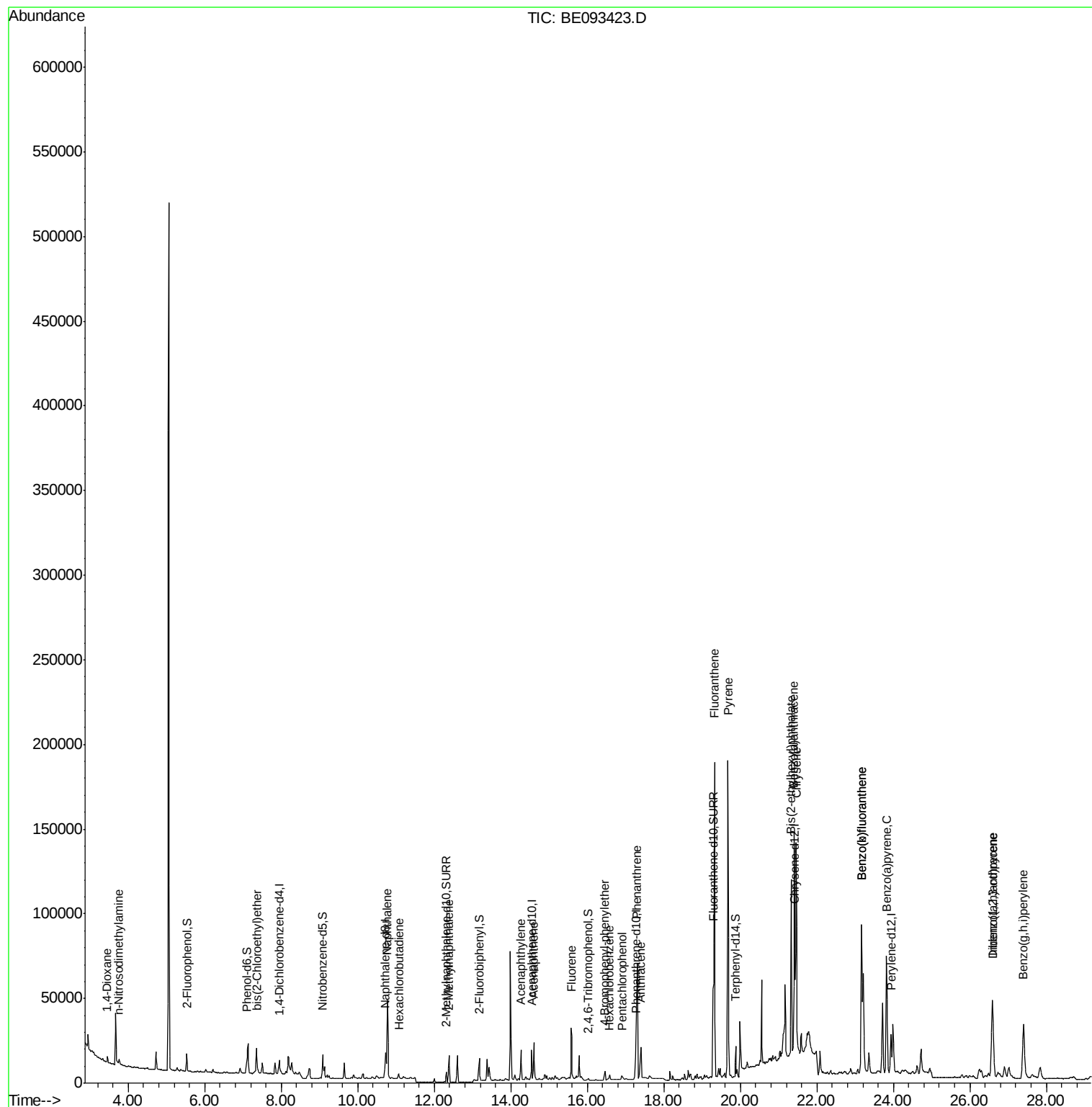
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	2038	0.26	ng	# 61
3) n-Nitrosodimethylamine	3.75	42	2407	0.54	ng	# 97
6) bis(2-Chloroethyl)ether	7.36	93	4973	0.40	ng	# 99
9) Naphthalene	10.77	128	74559	0.40	ng	# 73
10) Hexachlorobutadiene	11.08	225	2137	0.30	ng	98
12) 2-Methylnaphthalene	12.38	142	11590	0.37	ng	99
16) Acenaphthylene	14.26	152	21886	0.55	ng	# 87
17) Acenaphthene	14.60	154	11860	0.41	ng	97
18) Fluorene	15.59	166	16089	0.40	ng	# 83
20) 4-Bromophenyl-phenylether	16.45	248	3988	0.29	ng	# 30
21) Hexachlorobenzene	16.58	284	3919	0.27	ng	# 100
22) Pentachlorophenol	16.91	266	2394	1.14	ng	# 74
23) Phenanthrene	17.30	178	101423	1.12	ng	99
24) Anthracene	17.40	178	27758	0.50	ng	94
26) Fluoranthene	19.32	202	170721	2.01	ng	99
28) Pyrene	19.67	202	178216	1.76	ng	# 90
30) Benzo(a)anthracene	21.40	228	121350	1.25	ng	93
31) Chrysene	21.46	228	124700	1.23	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	126551	0.90	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	79282	0.89	ng	# 91
35) Benzo(b)fluoranthene	23.17	252	143231	1.30	ng	96
36) Benzo(k)fluoranthene	23.17	252	143231	1.32	ng	97
37) Benzo(a)pyrene	23.82	252	113484	1.18	ng	96
38) Dibenzo(a,h)anthracene	26.60	278	34554	0.37	ng	99
39) Benzo(g,h,i)perylene	27.40	276	78032	0.83	ng	94

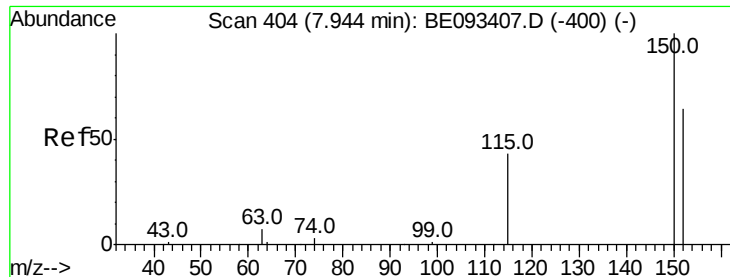
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampled :

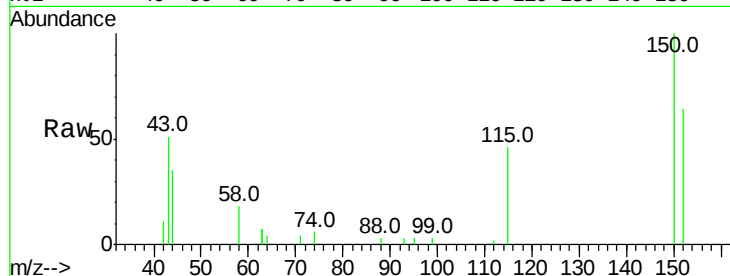
Tot Ion:152 Resp: 3695

Ion Ratio Lower Upper

152 100

150 156.6 125.1 187.7

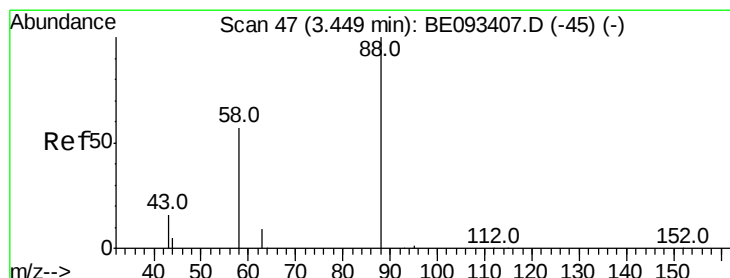
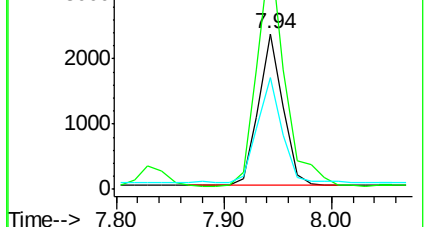
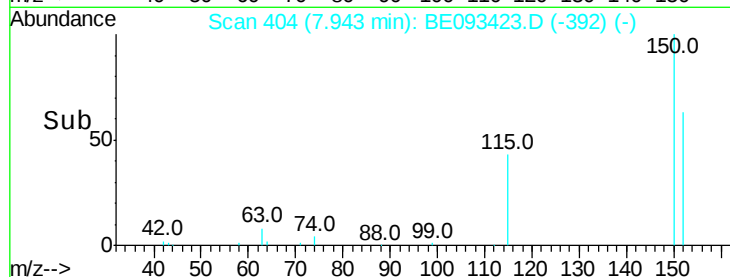
115 71.8 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.26 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

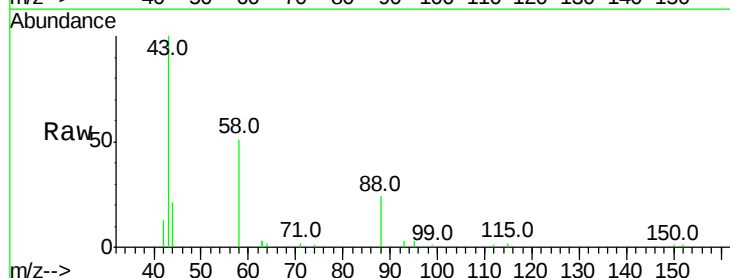
Tgt Ion: 88 Resp: 2038

Ion Ratio Lower Upper

88 100

58 106.5 62.2 93.4#

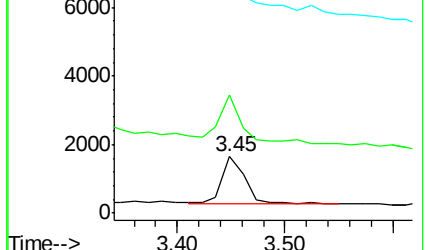
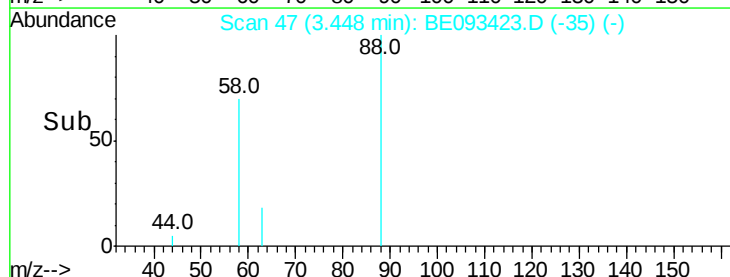
43 0.0 23.2 34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.54 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampled :

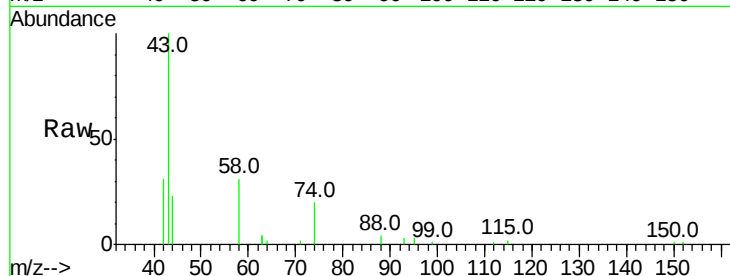
Tot Ion: 42 Resp: 2407

Ion Ratio Lower Upper

42 100

74 125.5 99.1 148.7

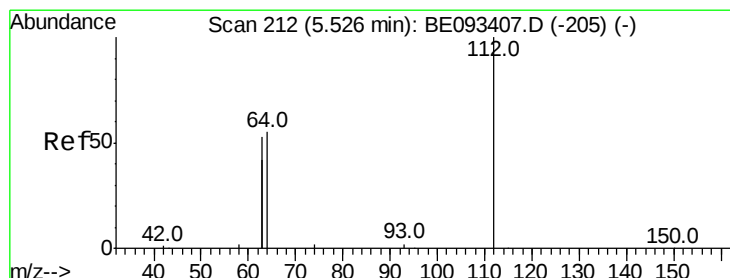
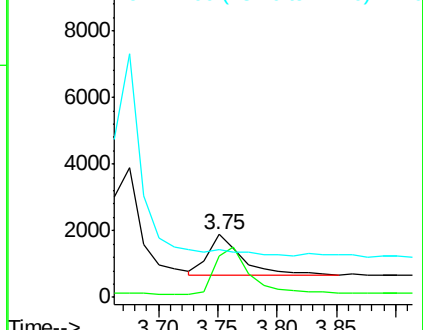
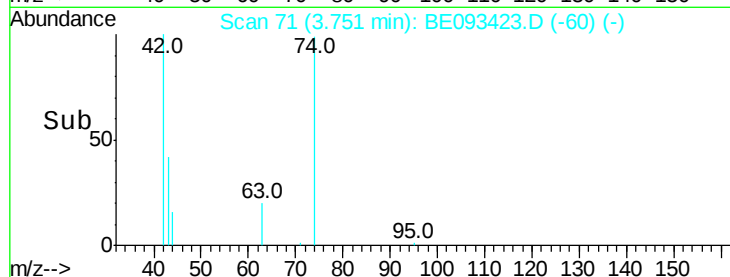
44 0.0 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

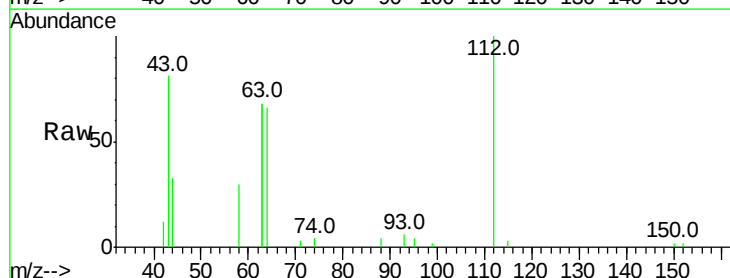
Tgt Ion: 112 Resp: 5350

Ion Ratio Lower Upper

112 100

64 65.9 56.4 84.6

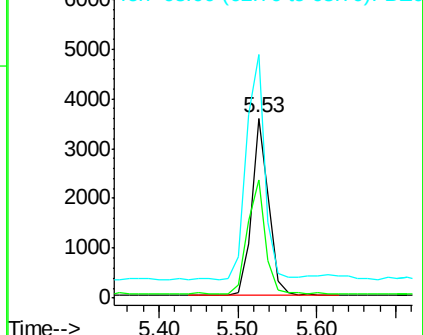
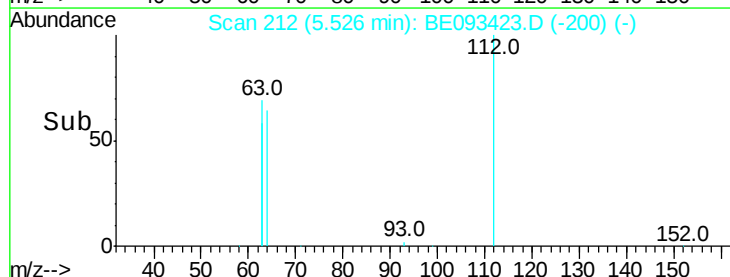
63 137.1 29.3 43.9#

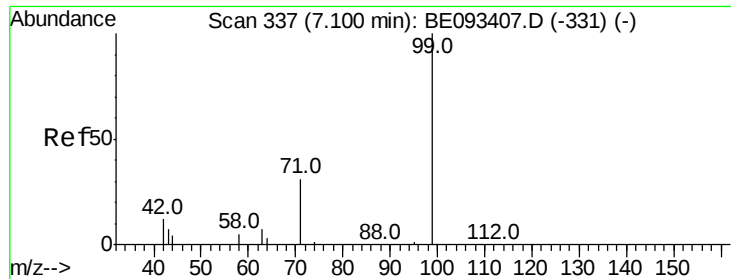


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.46 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

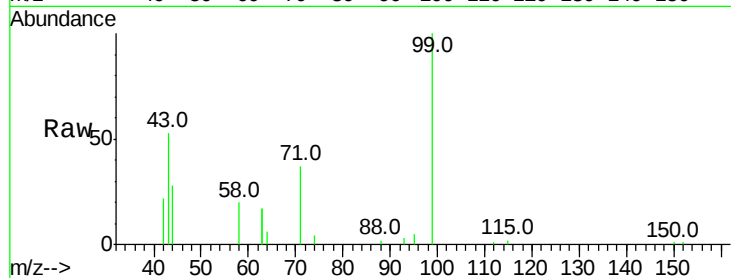
Tot Ion: 99 Resp: 7554

Ion Ratio Lower Upper

99 100

42 25.2 0.0 0.0#

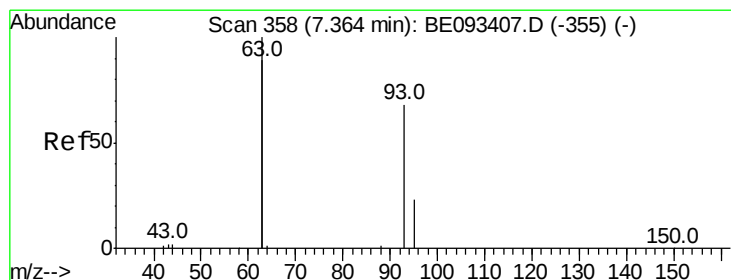
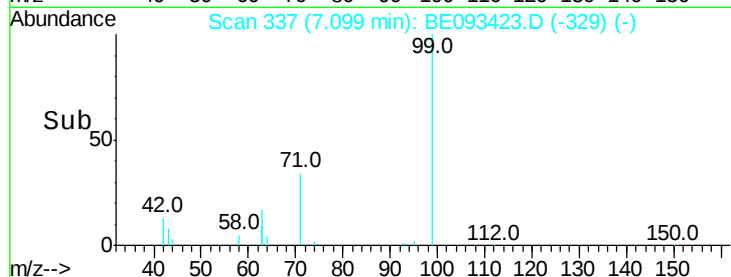
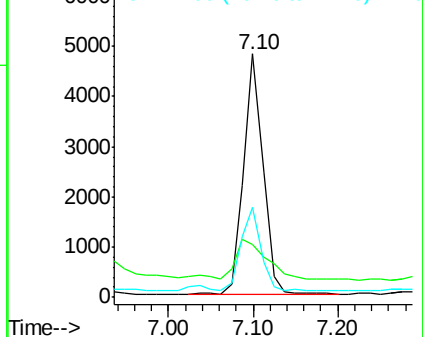
71 36.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.36 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

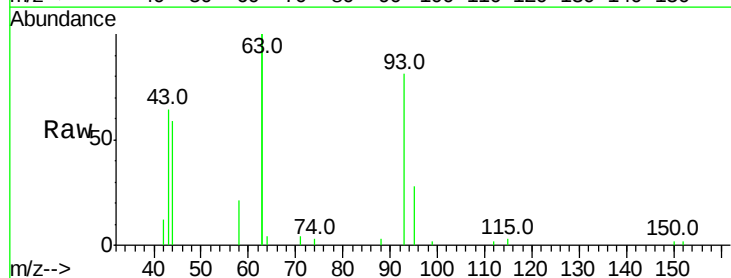
Tgt Ion: 93 Resp: 4973

Ion Ratio Lower Upper

93 100

63 323.5 0.0 0.0#

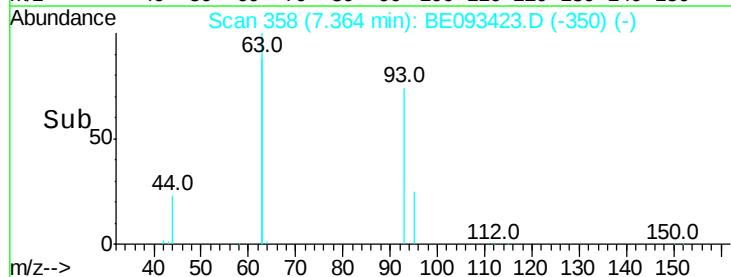
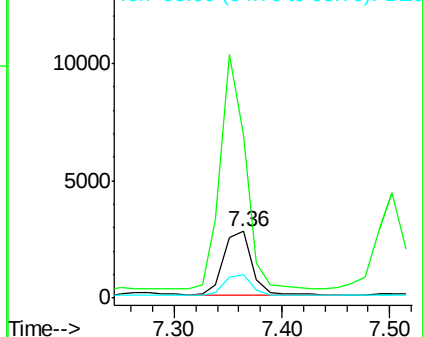
95 32.3 25.4 38.0

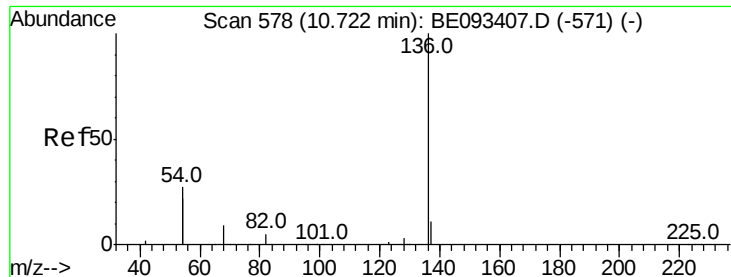


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17881

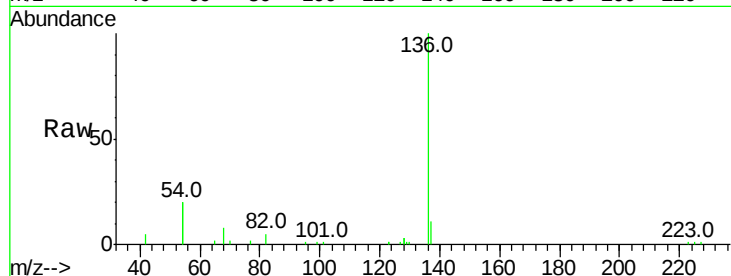
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 40.8 10.3 15.5#

68 8.2 9.0 13.4#

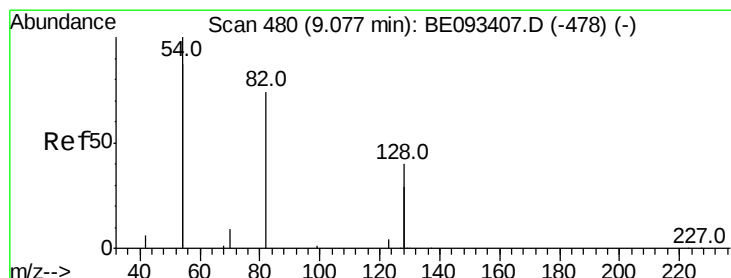
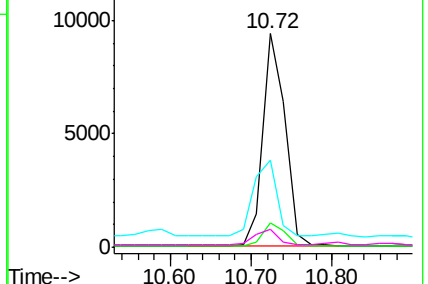
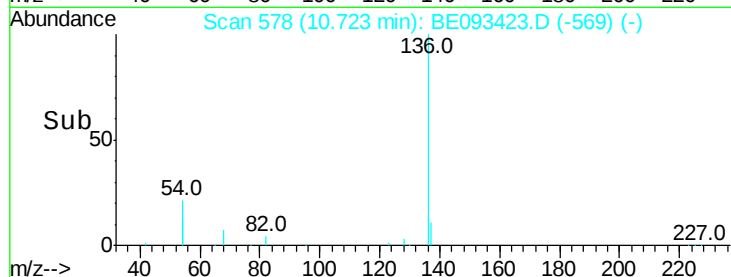


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.52 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

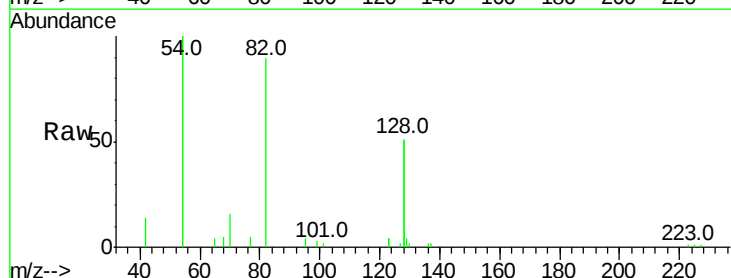
Tgt Ion: 82 Resp: 5925

Ion Ratio Lower Upper

82 100

128 113.8 17.0 25.4#

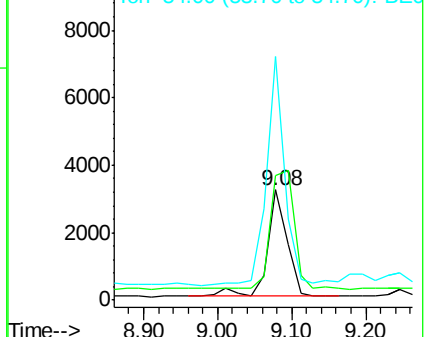
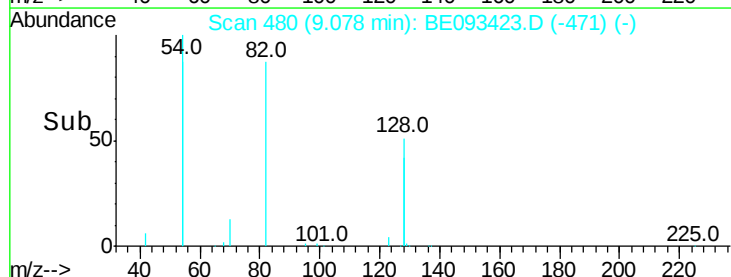
54 221.5 53.8 80.6#

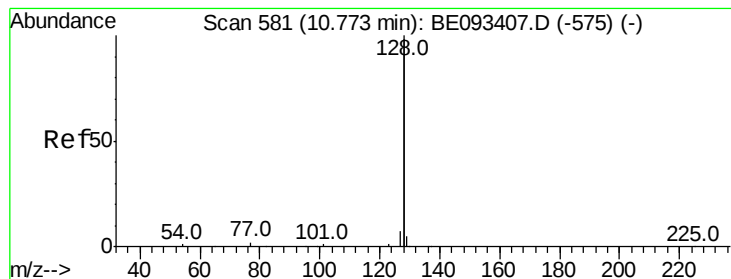


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampled :

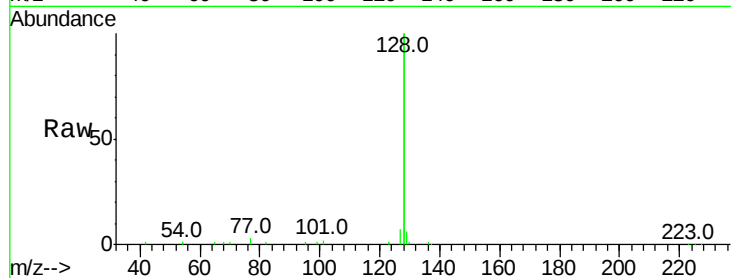
Tot Ion:128 Resp: 74559

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

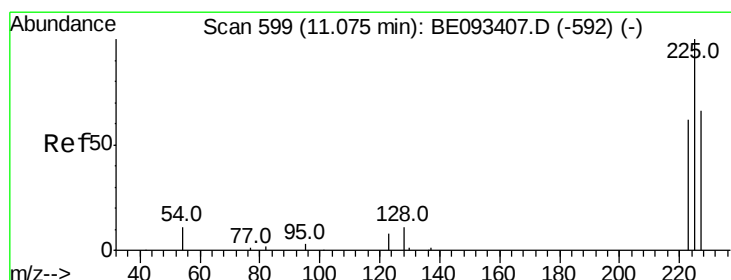
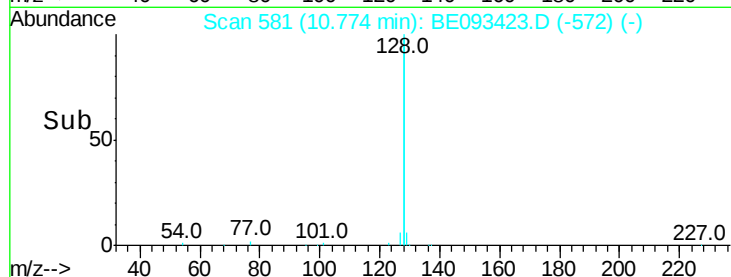
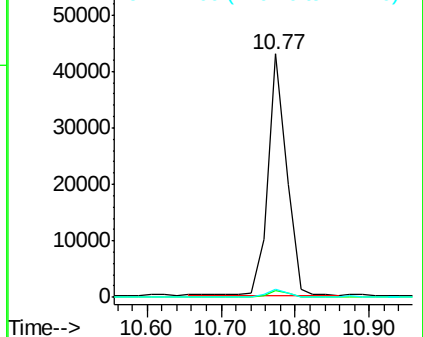
127 3.3 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.30 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

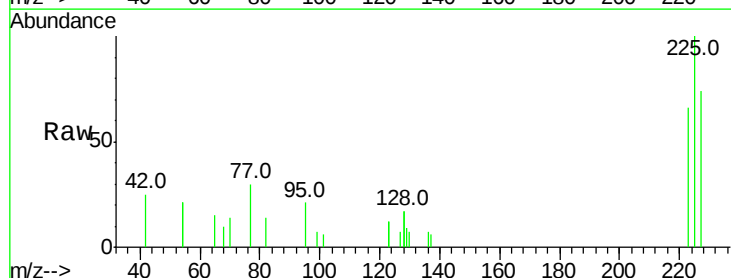
Tgt Ion:225 Resp: 2137

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

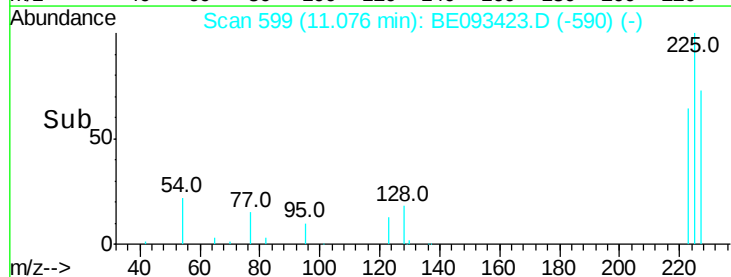
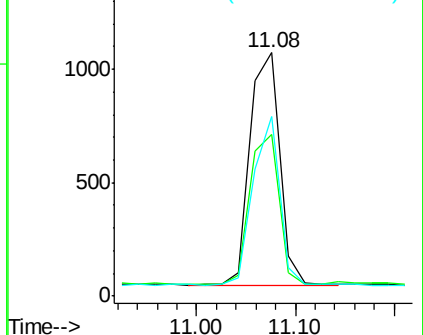
227 65.3 50.3 75.5

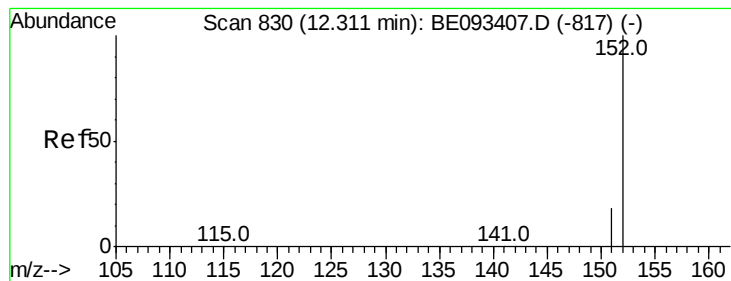


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

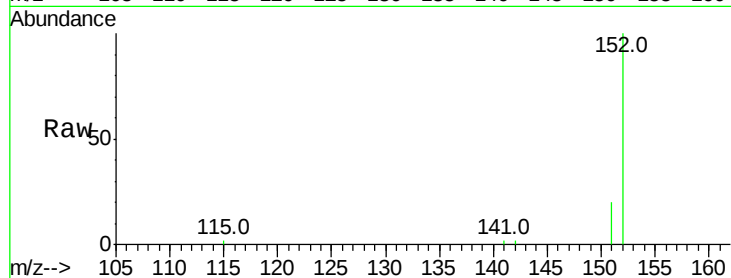
ClientSampleId :

Tot Ion:152 Resp: 8480

Ion Ratio Lower Upper

152 100

151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

6000

5000

4000

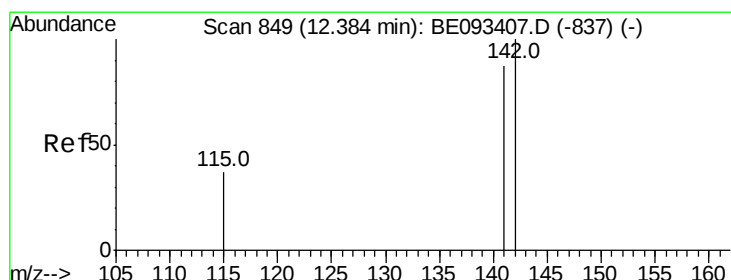
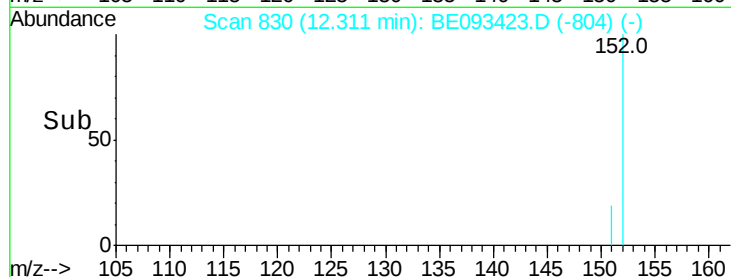
3000

2000

1000

0

Time--> 12.25 12.30 12.35



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

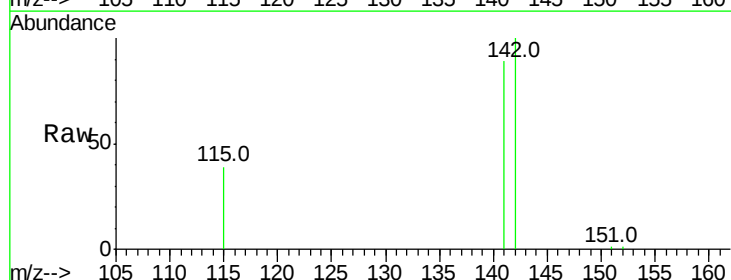
Tgt Ion:142 Resp: 11590

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8

115 39.3 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.38

10000

8000

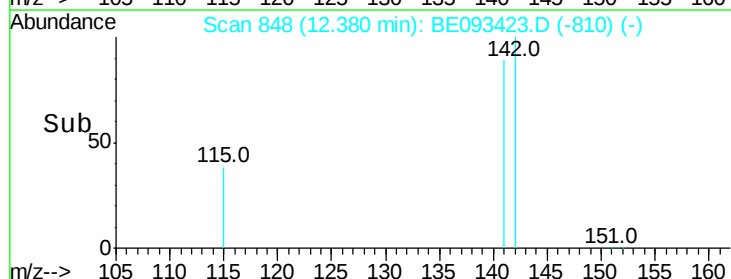
6000

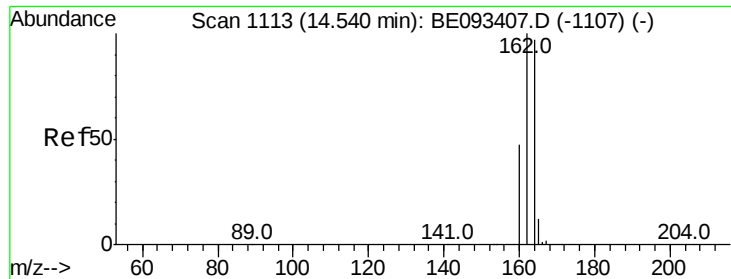
4000

2000

0

Time--> 12.30 12.35 12.40 12.45





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

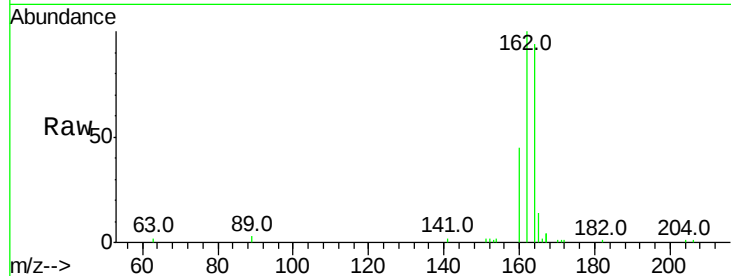
Tot Ion:164 Resp: 9562

Ion Ratio Lower Upper

164 100

162 106.0 84.6 127.0

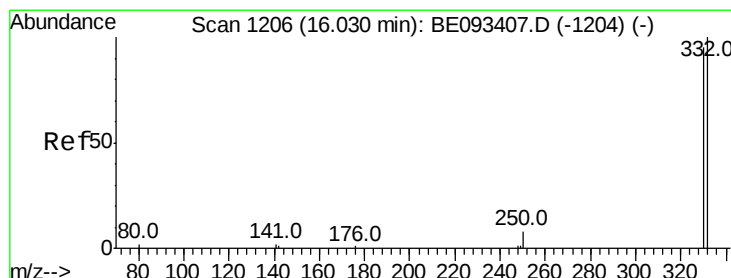
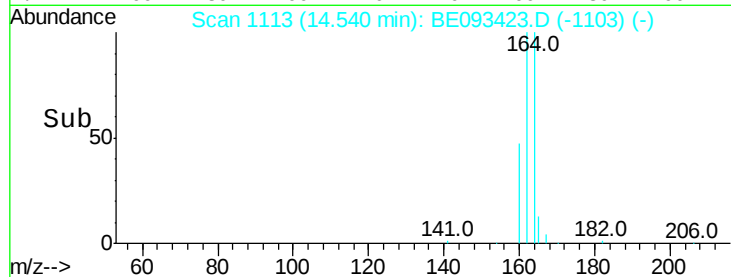
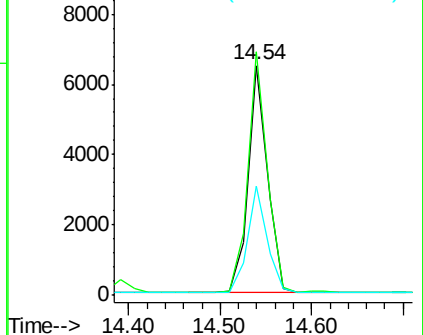
160 47.5 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

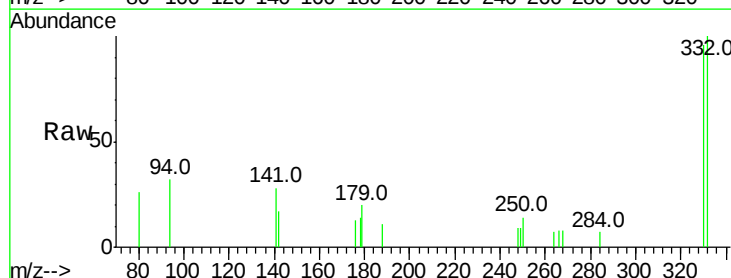
Tgt Ion:330 Resp: 1285

Ion Ratio Lower Upper

330 100

332 102.9 77.7 116.5

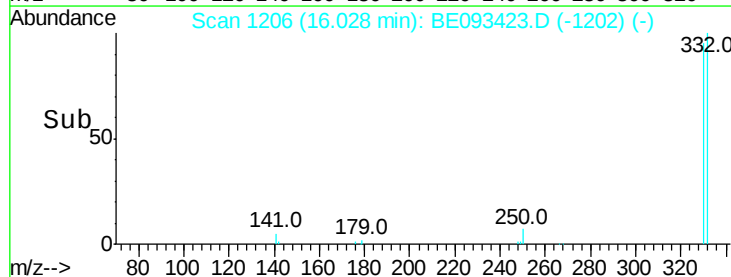
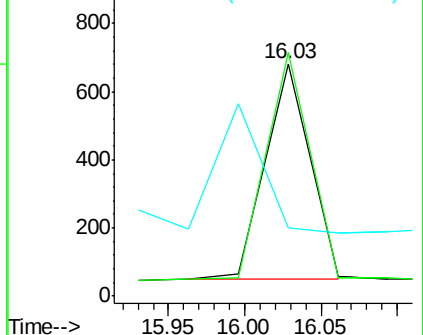
141 0.0 56.2 84.4#

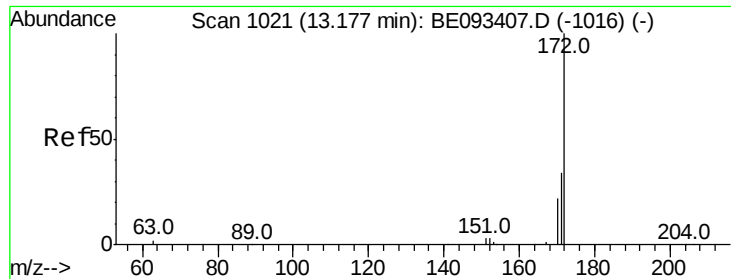


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

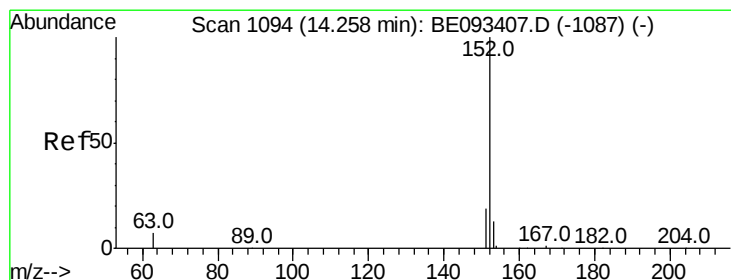
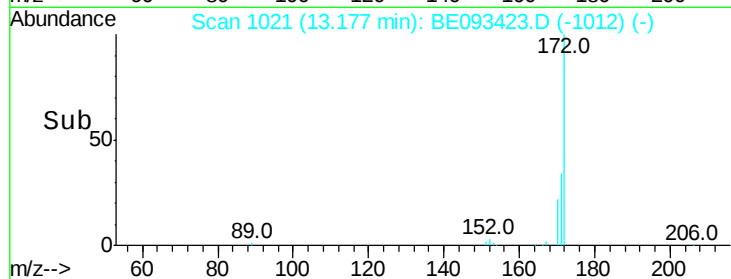
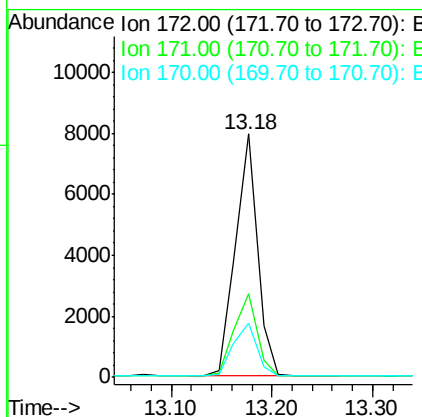
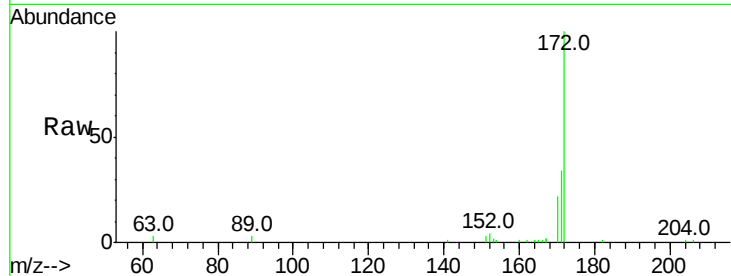




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

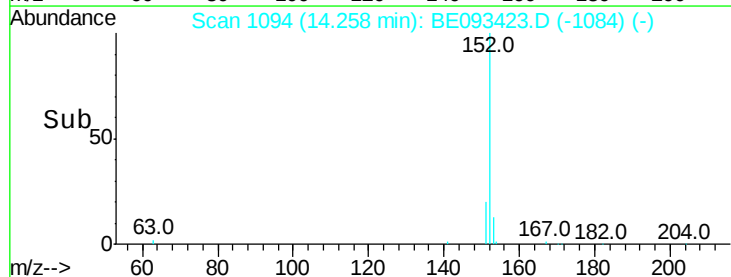
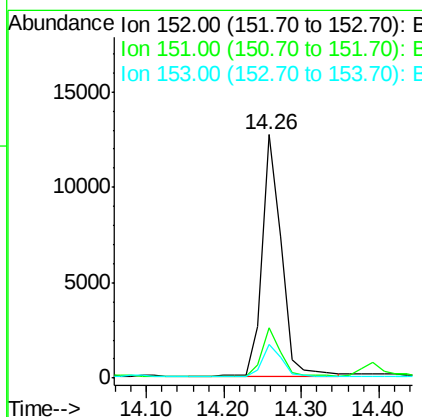
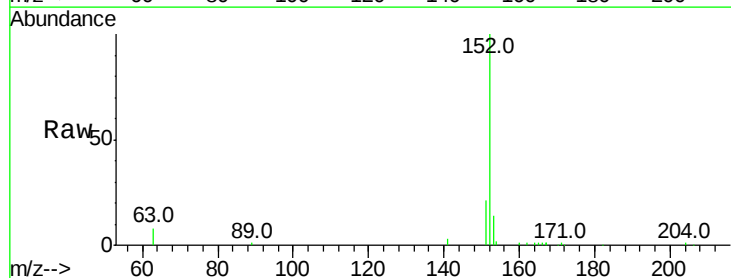
Instrument :
BNA_E
ClientSampleId :

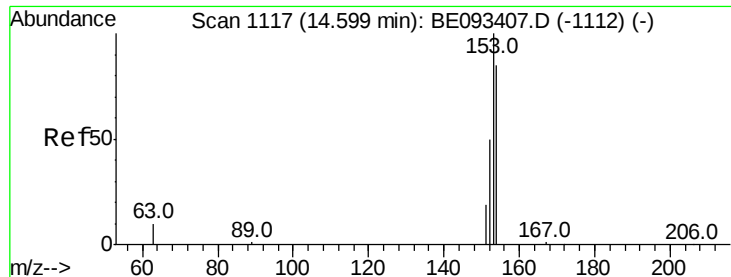
Tot Ion:172 Resp: 12016
Ion Ratio Lower Upper
172 100
171 34.2 29.8 44.6
170 22.3 20.7 31.1



#16
Acenaphthylene
Concen: 0.55 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

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





#17

Acenaphthene

Concen: 0.41 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

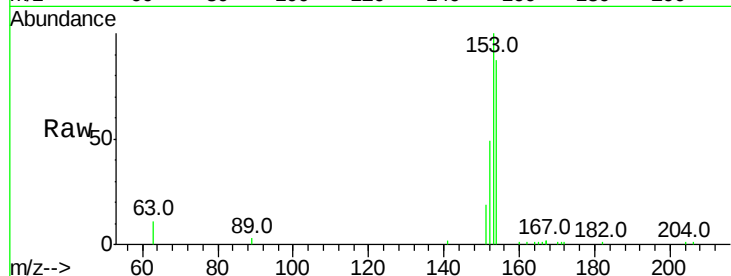
Tot Ion:154 Resp: 11860

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

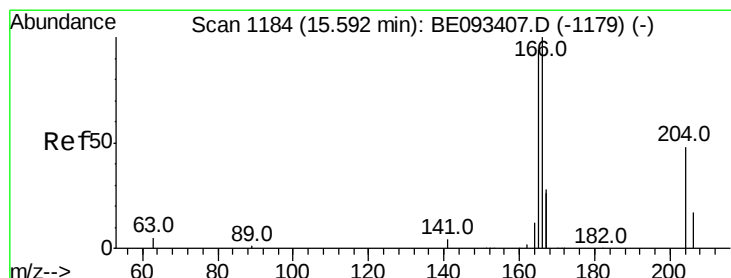
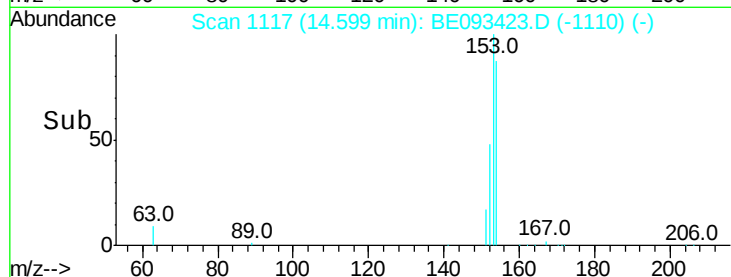
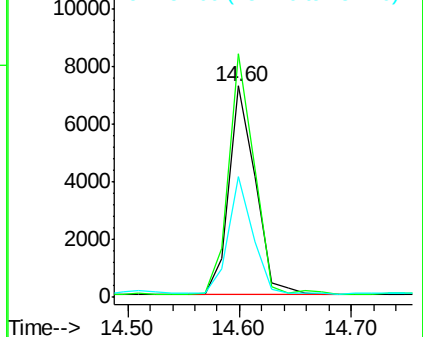
152 52.5 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.40 ng

RT: 15.59 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

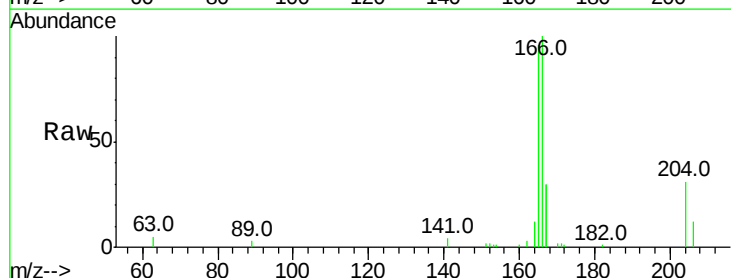
Tgt Ion:166 Resp: 16089

Ion Ratio Lower Upper

166 100

165 102.5 78.6 117.8

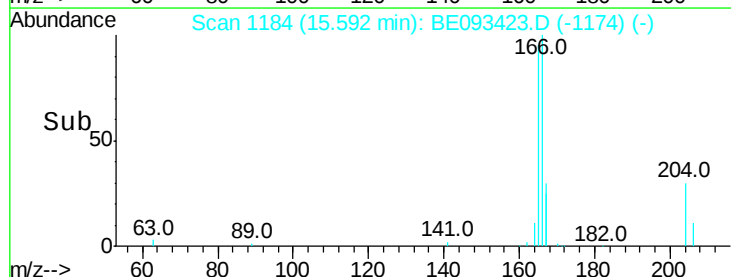
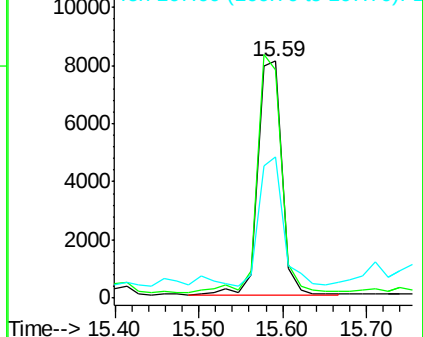
167 56.2 11.1 16.7#

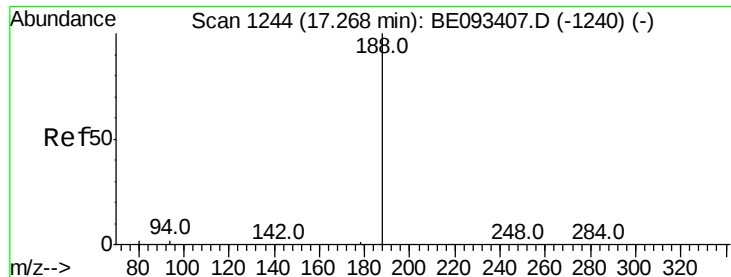


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

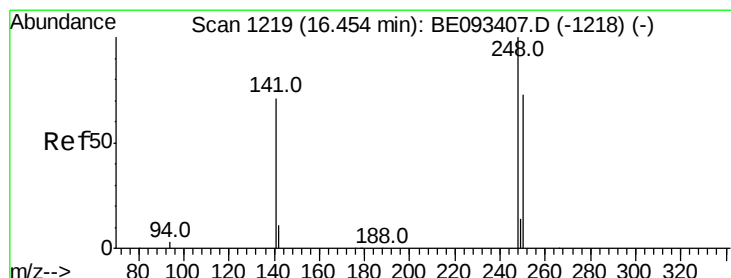
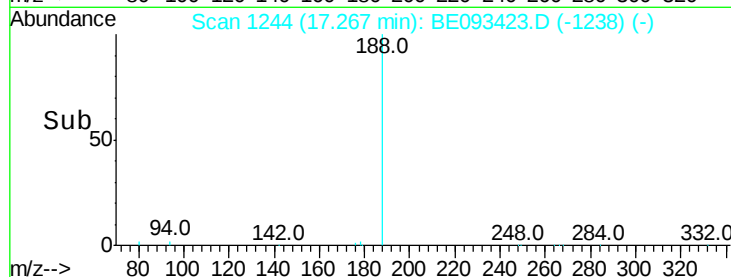
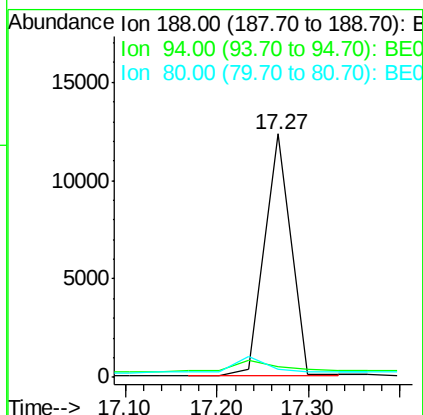
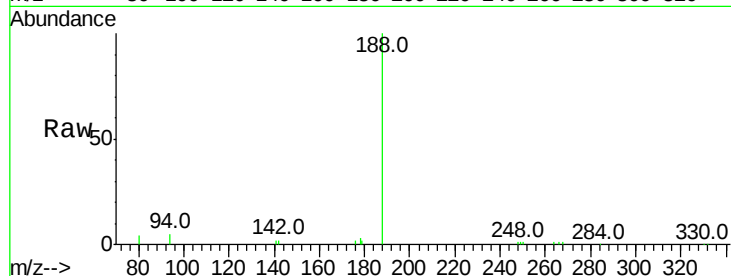




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

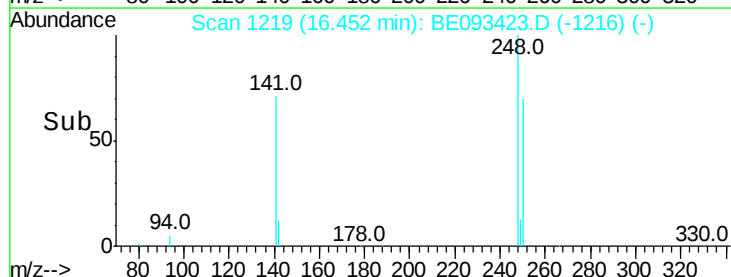
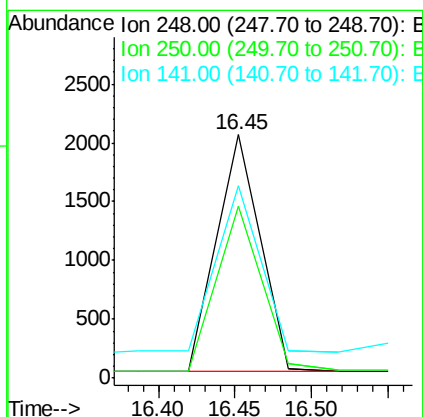
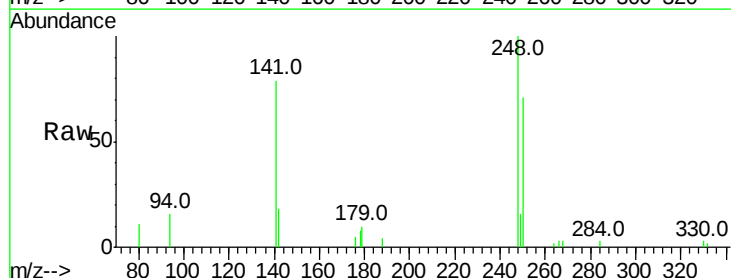
Instrument :
BNA_E
ClientSampleId :

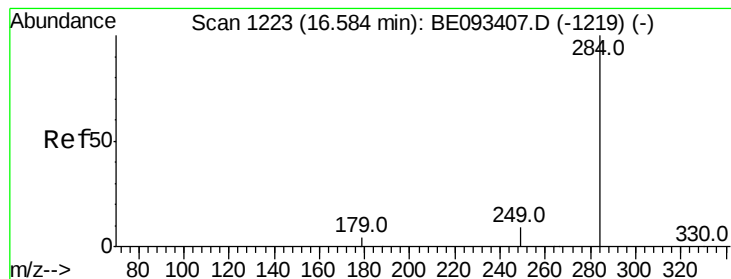
Tot Ion:188 Resp: 24868
Ion Ratio Lower Upper
188 100
94 4.6 11.3 16.9#
80 3.6 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

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





#21

Hexachlorobenzene

Concen: 0.27 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampled :

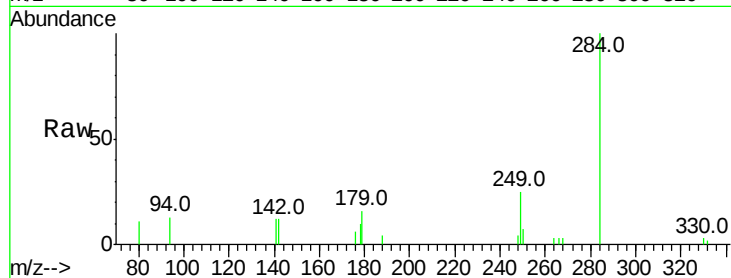
Tot Ion:284 Resp: 3919

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

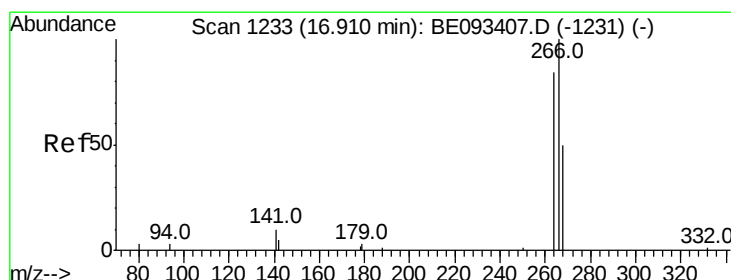
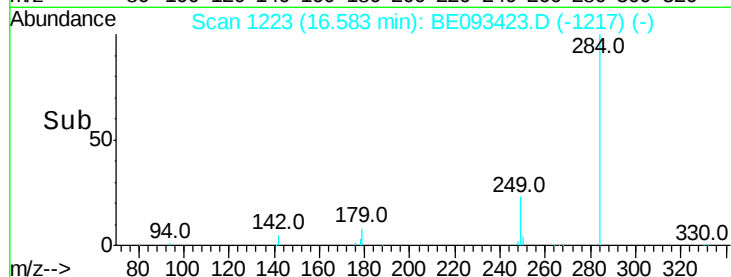
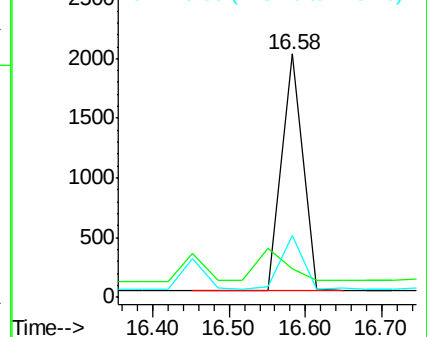
249 23.6 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.14 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

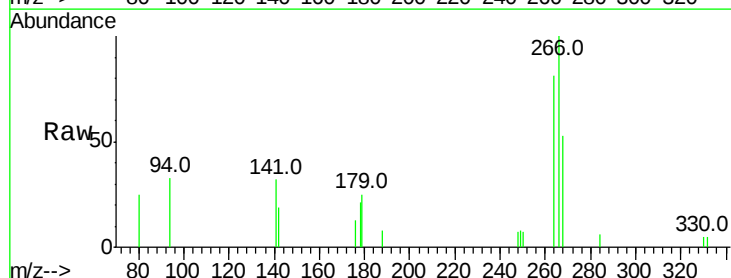
Tgt Ion:266 Resp: 2394

Ion Ratio Lower Upper

266 100

264 80.5 58.2 87.2

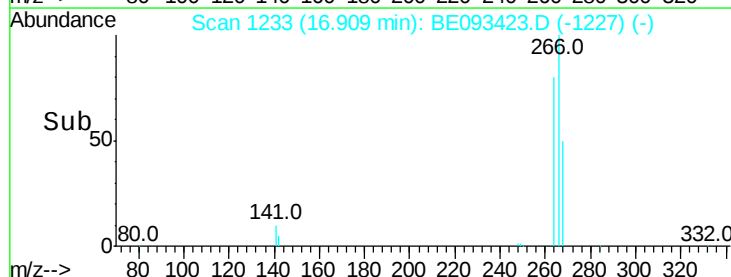
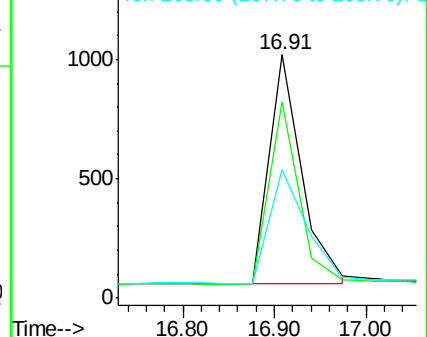
268 52.6 71.9 107.9#

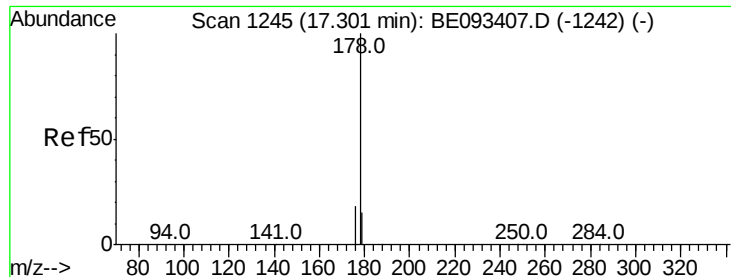


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.12 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

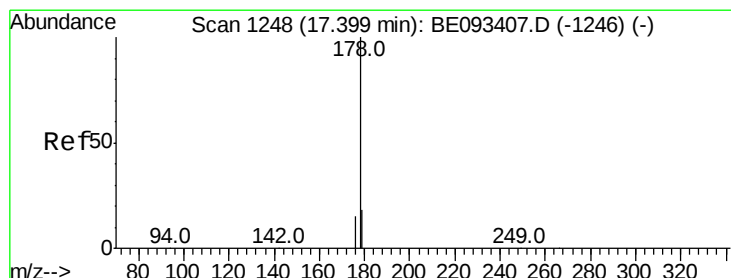
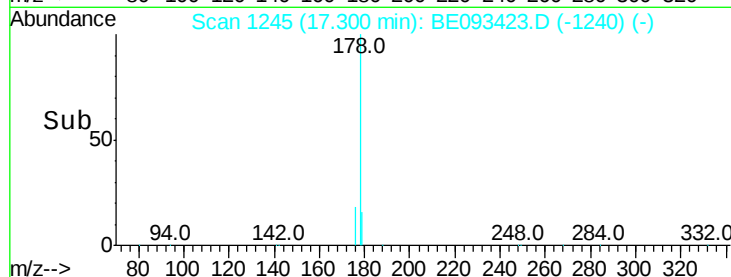
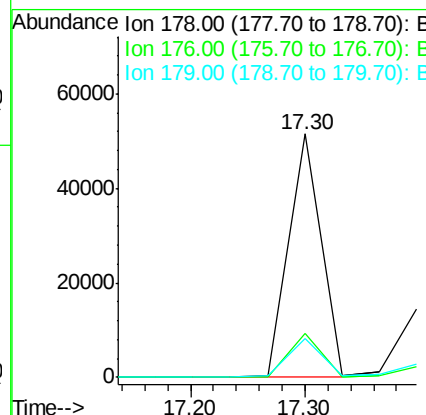
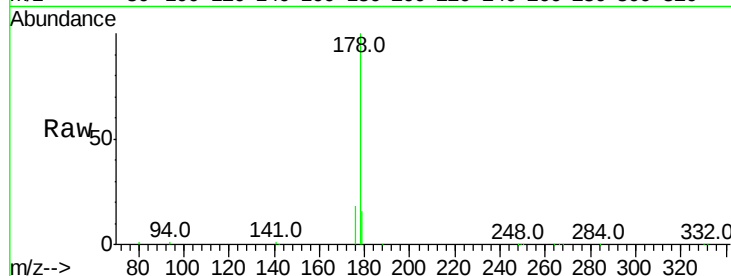
Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 101423

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	15.9	12.7	19.1



#24

Anthracene

Concen: 0.50 ng

RT: 17.40 min Scan# 1248

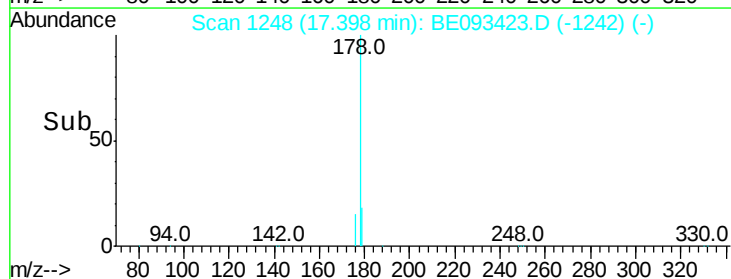
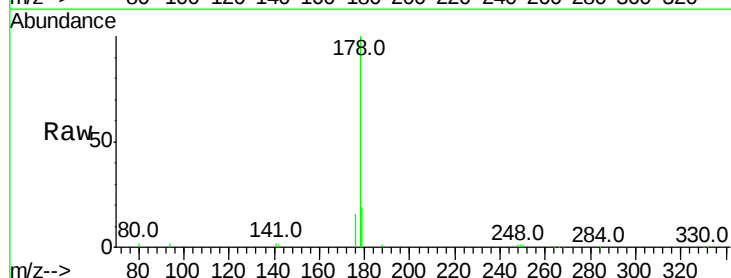
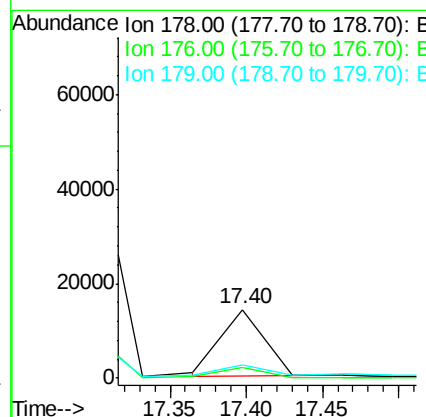
Delta R.T. -0.00 min

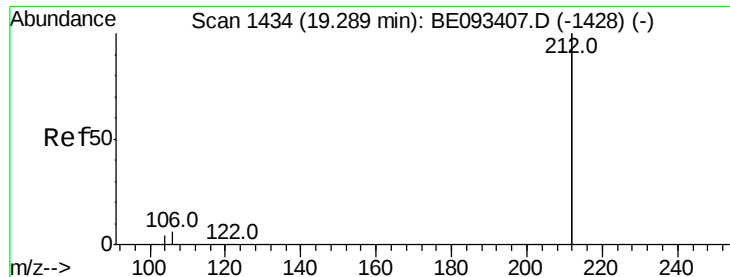
Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Tgt Ion:178 Resp: 27758

Ion	Ratio	Lower	Upper
178	100		
176	14.9	14.6	22.0
179	16.5	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.28 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093423.D

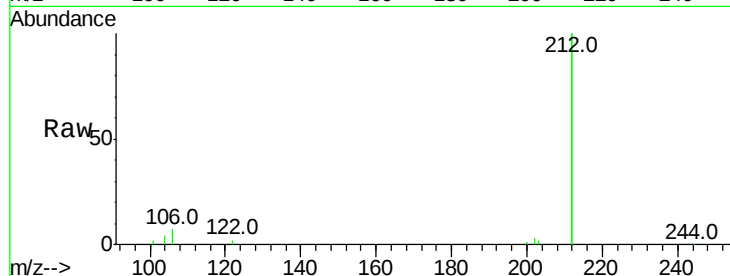
Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

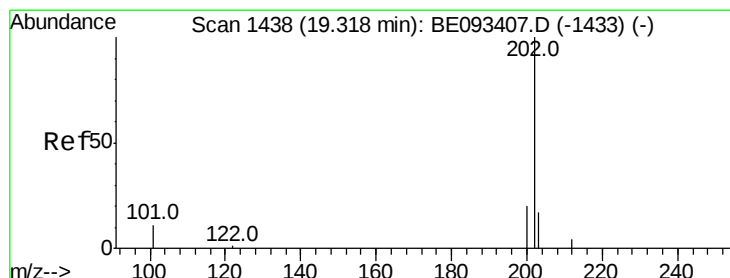
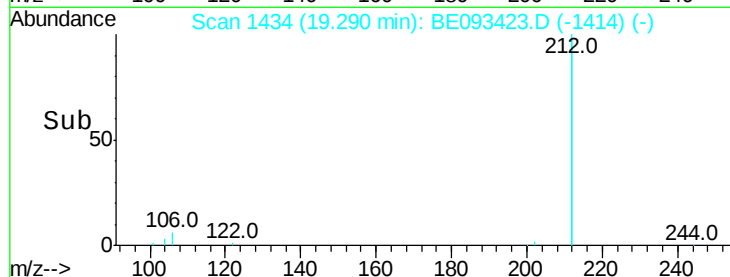
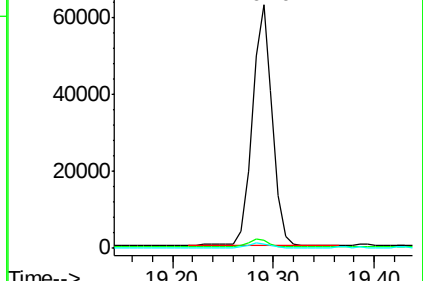
Tot Ion:212	Resp:	85313
Ion Ratio	Lower	Upper
212	100	
106	3.6	2.4 3.6
104	2.3	1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.01 ng

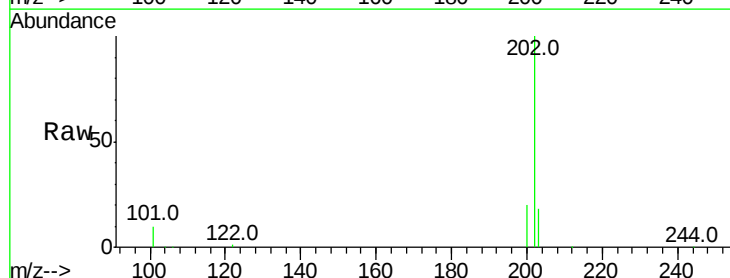
RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

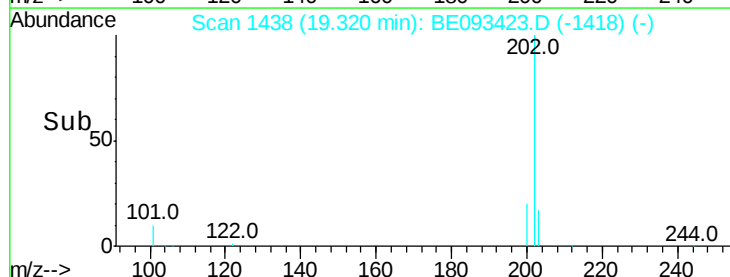
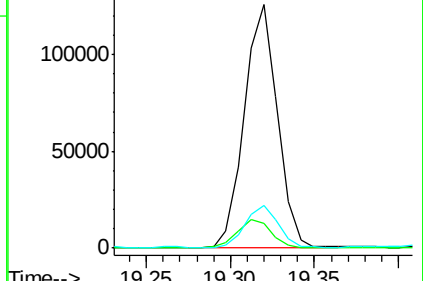
Tgt Ion:202	Resp:	170721
Ion Ratio	Lower	Upper
202	100	
101	11.9	9.6 14.4
203	17.3	14.4 21.6

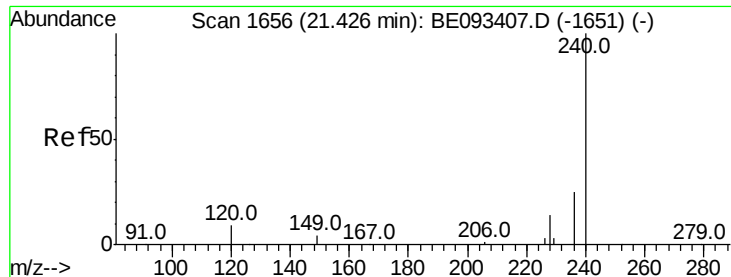


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

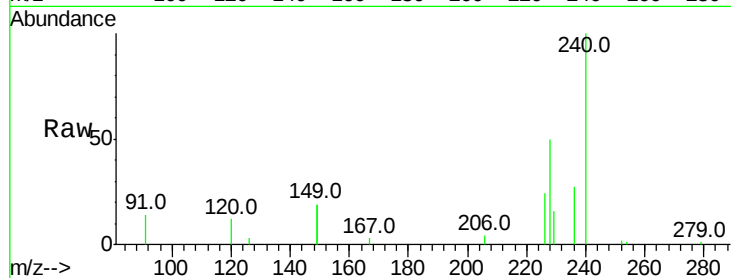
Tot Ion:240 Resp: 36024

Ion Ratio Lower Upper

240 100

120 11.8 4.6 7.0#

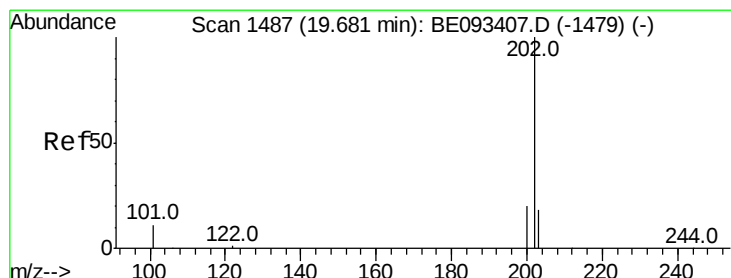
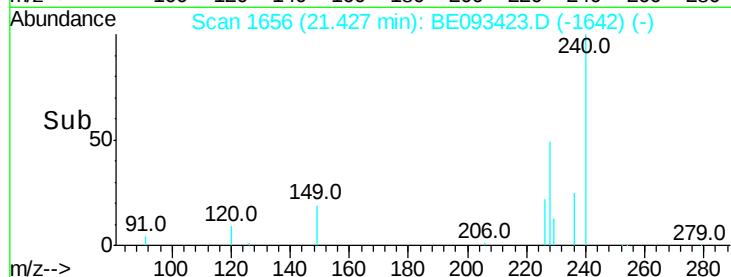
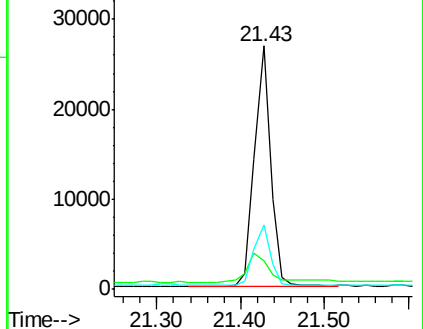
236 26.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.76 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

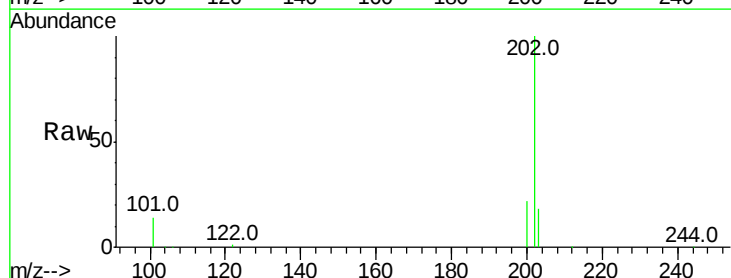
Tgt Ion:202 Resp: 178216

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

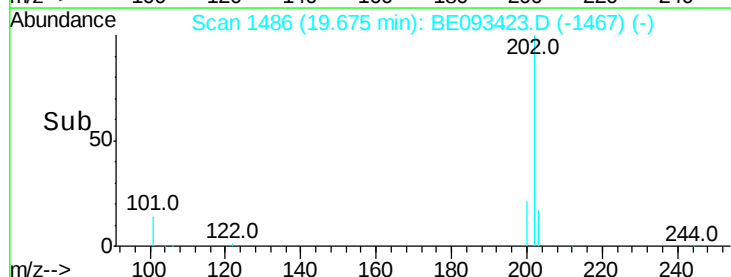
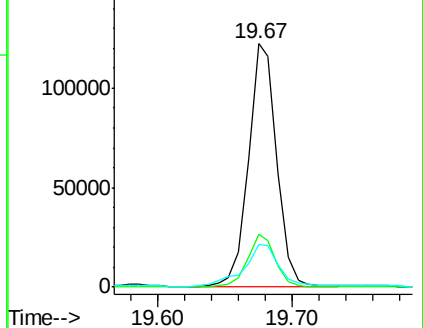
203 21.5 13.7 20.5#

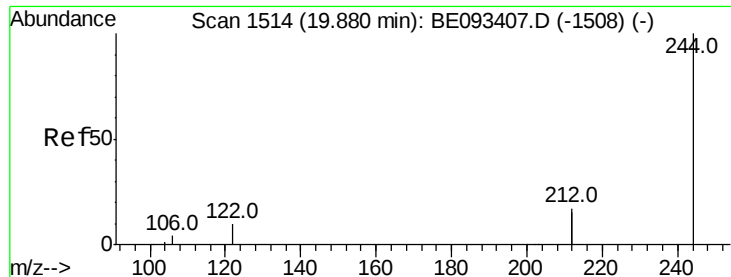


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.24 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

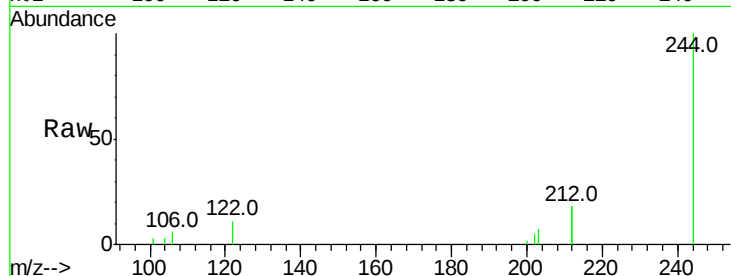
Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

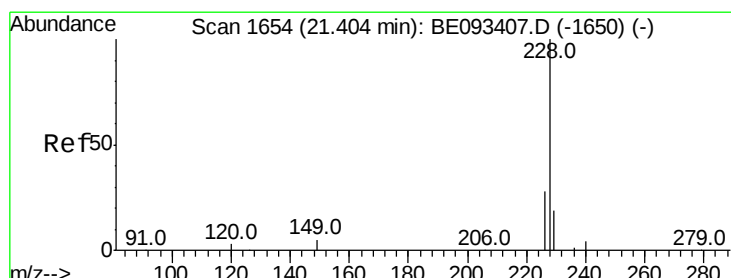
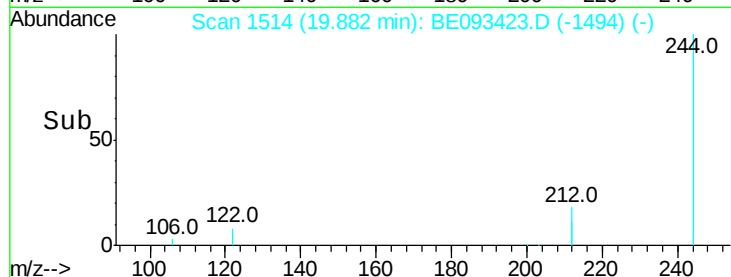
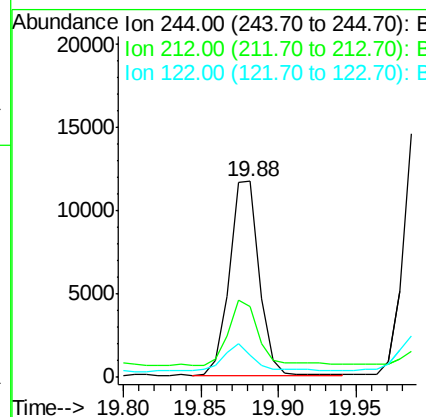
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	15418
Ion	Ratio	Lower	Upper
244	100		
212	36.1	10.6	16.0#
122	11.4	15.4	23.0#



#30

Benzo(a)anthracene

Concen: 1.25 ng

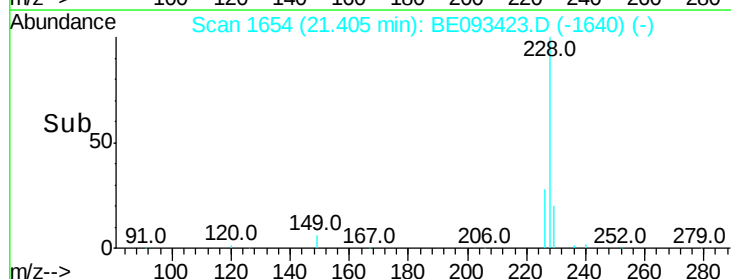
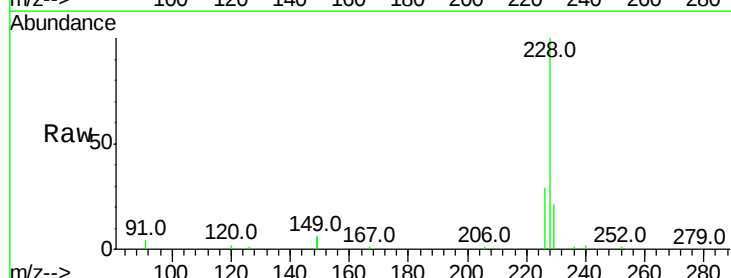
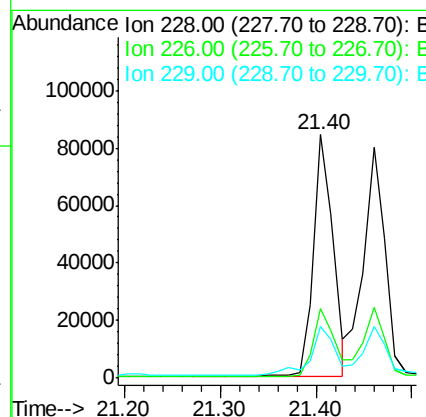
RT: 21.40 min Scan# 1654

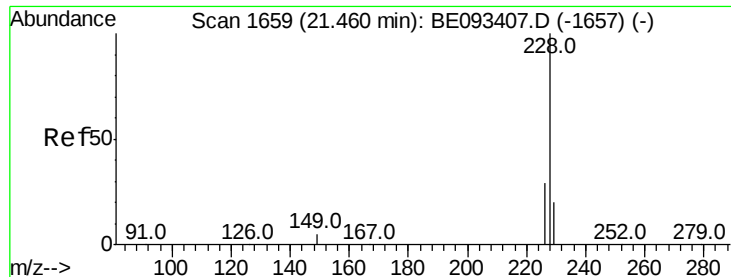
Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Tgt Ion:	228	Resp:	121350
Ion	Ratio	Lower	Upper
228	100		
226	28.6	19.7	29.5
229	21.2	19.2	28.8





#31

Chrysene

Concen: 1.23 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

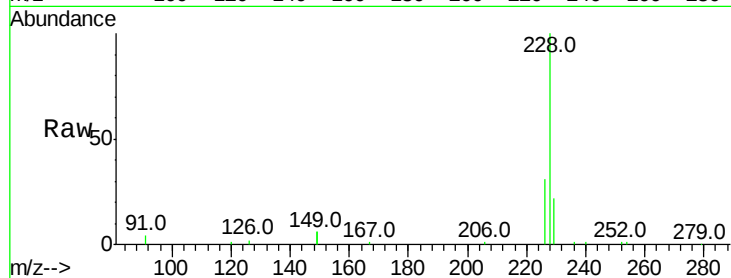
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 124700

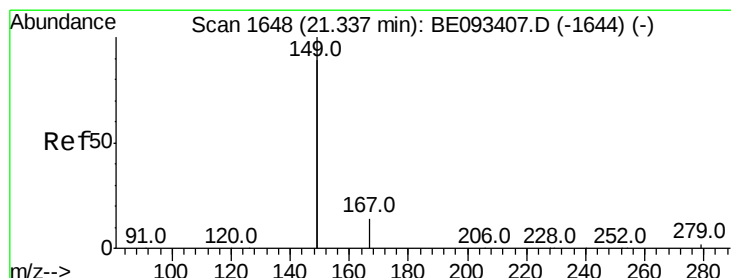
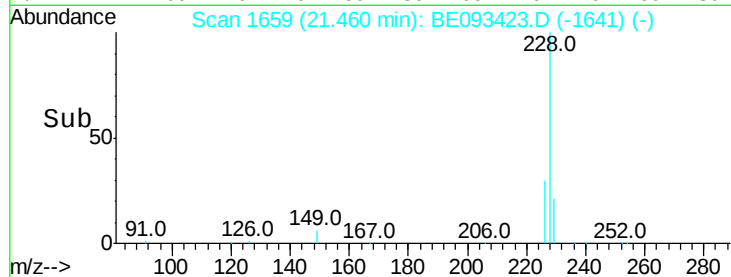
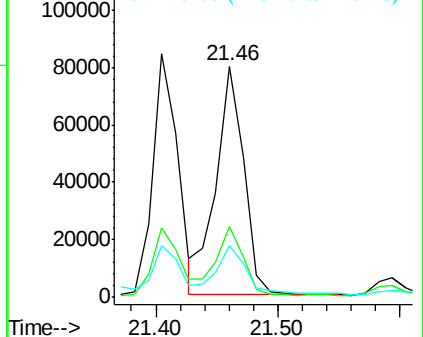
Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.5	32.3
229	22.1	18.6	28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.90 ng

RT: 21.33 min Scan# 1647

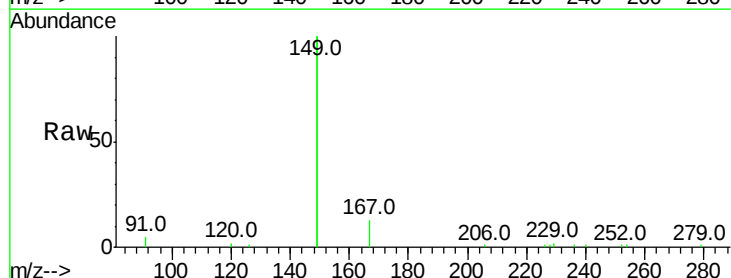
Delta R.T. -0.01 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Tgt Ion:149 Resp: 126551

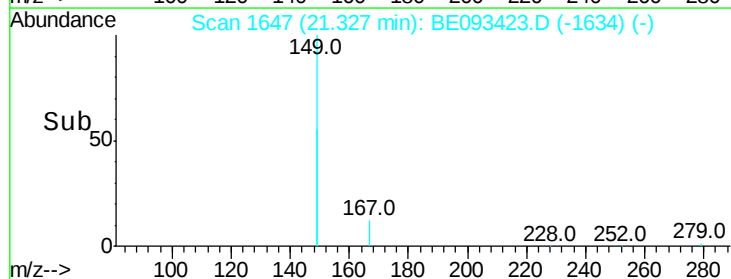
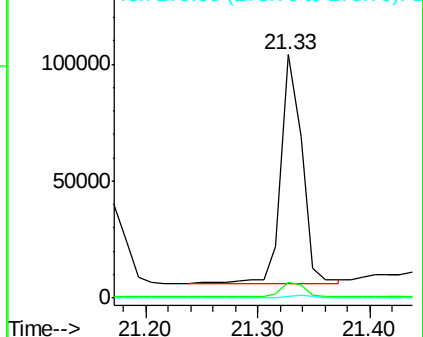
Ion	Ratio	Lower	Upper
149	100		
167	6.4	20.1	30.1#
279	0.8	2.2	3.4#

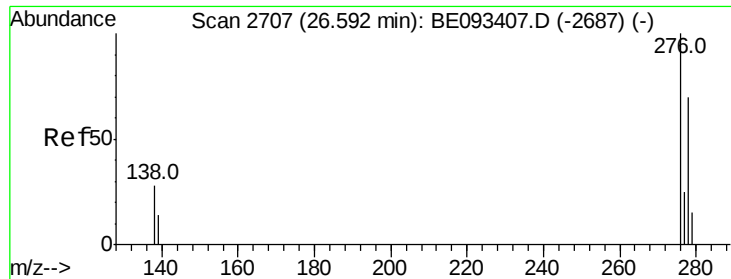


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

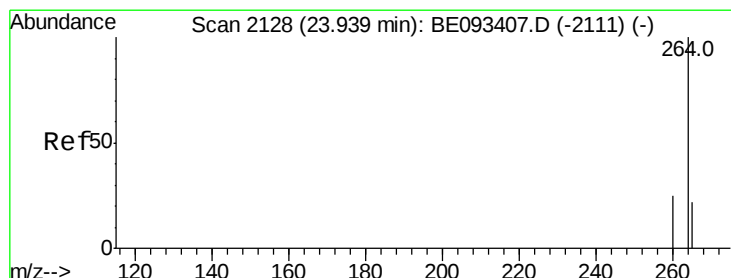
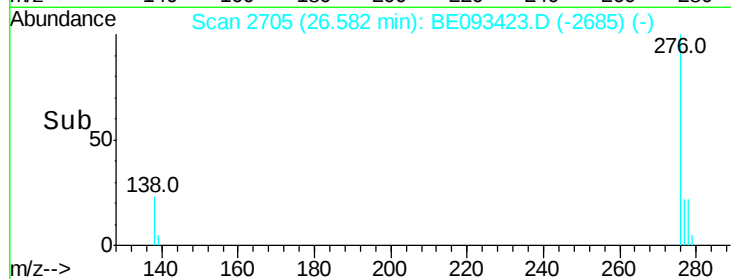
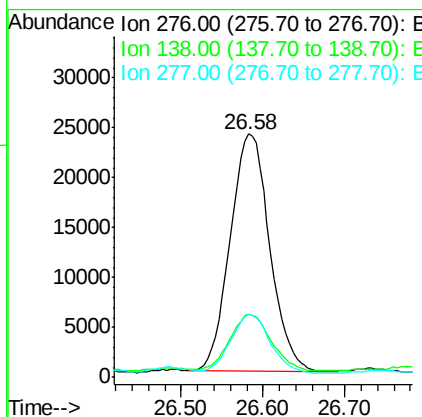
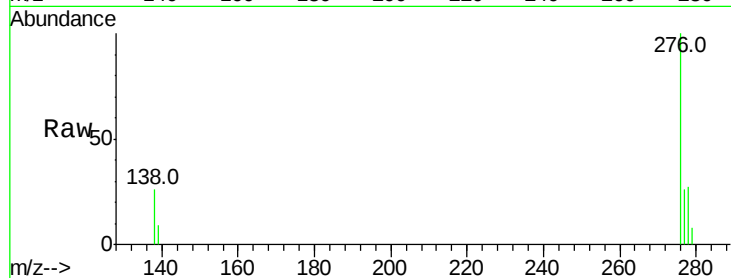




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.89 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BE093423.D
 Acq: 3 Jul 2017 11:11

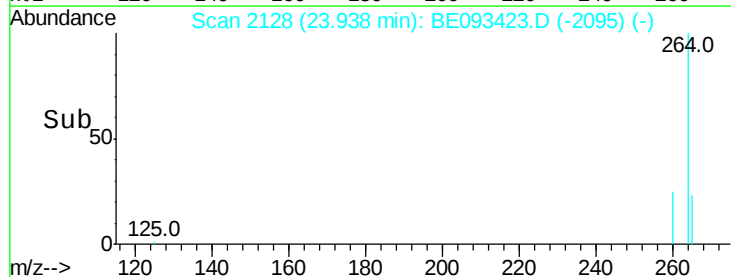
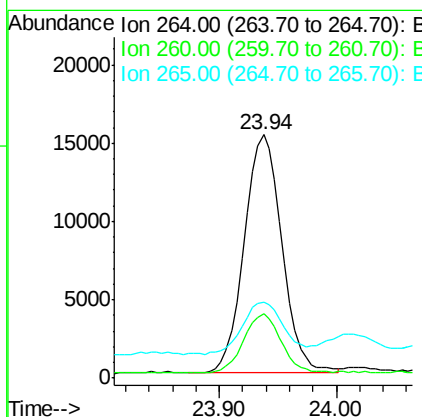
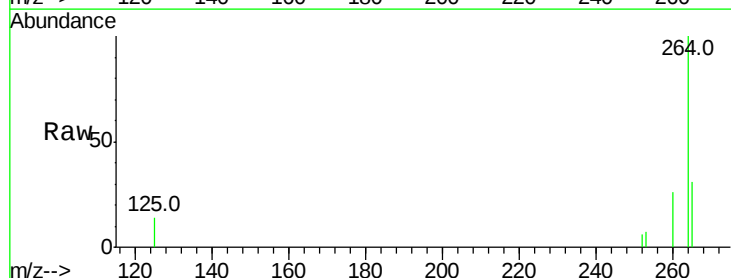
Instrument :
 BNA_E
 ClientSampleId :

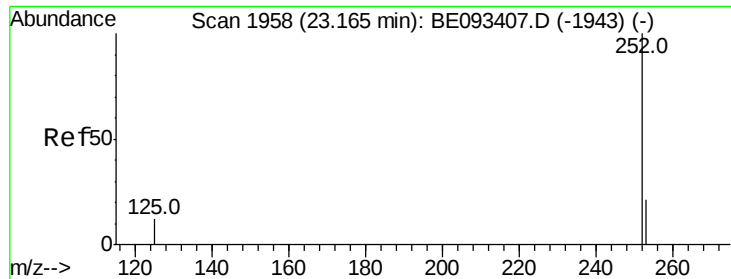
Tot Ion:276 Resp: 79282
 Ion Ratio Lower Upper
 276 100
 138 25.1 27.4 41.2#
 277 25.2 20.1 30.1



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093423.D
 Acq: 3 Jul 2017 11:11

Tgt Ion:264 Resp: 34018
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.4
 265 31.4 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 1.30 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :

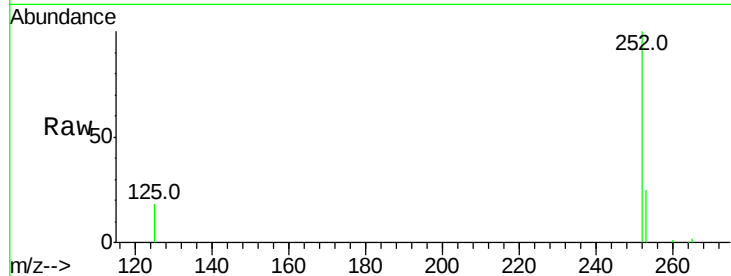
Tot Ion:252 Resp: 143231

Ion Ratio Lower Upper

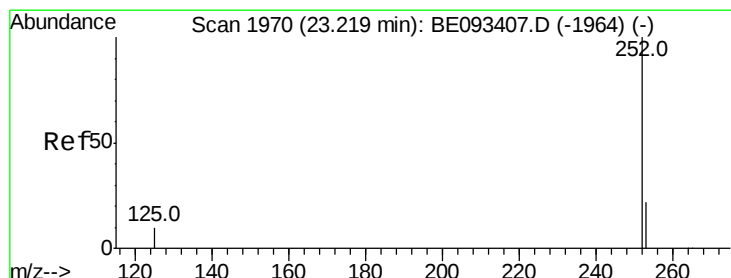
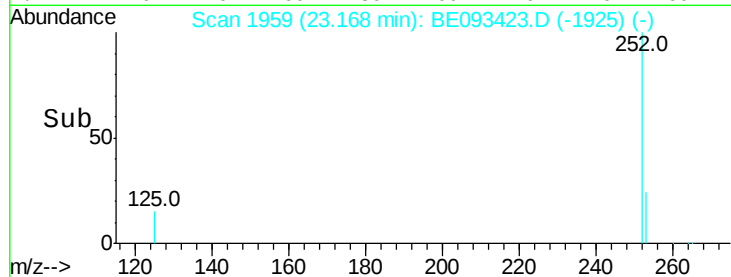
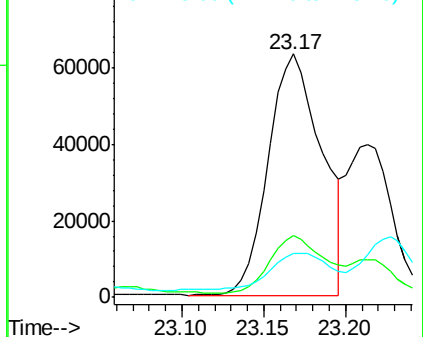
252 100

253 25.3 18.5 27.7

125 18.1 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.32 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.05 min

Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

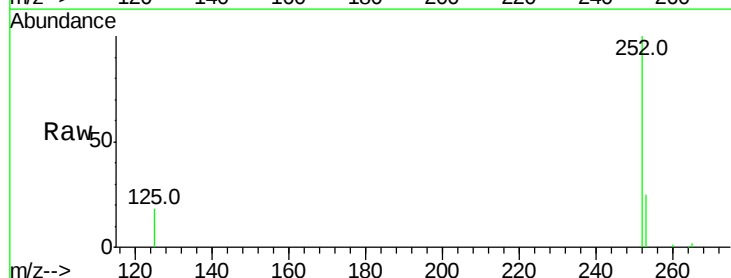
Tgt Ion:252 Resp: 143231

Ion Ratio Lower Upper

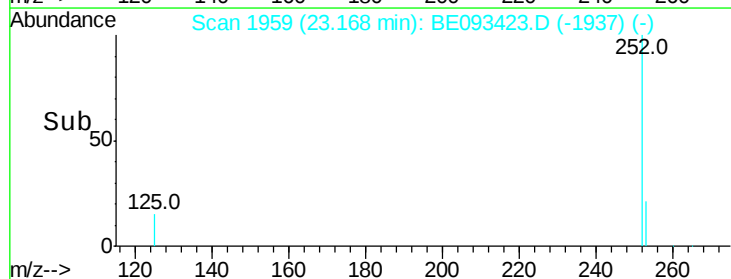
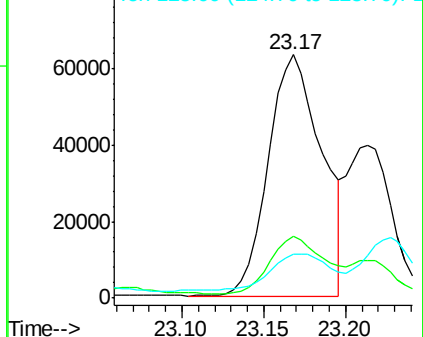
252 100

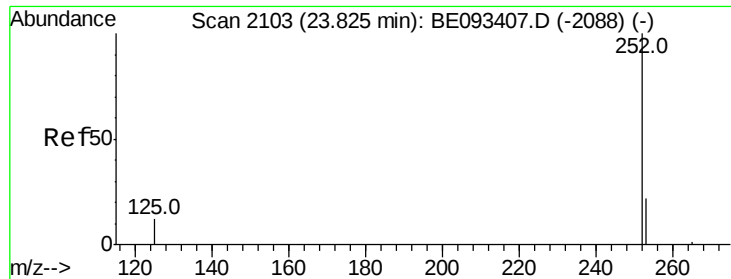
253 25.3 20.3 30.5

125 18.1 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

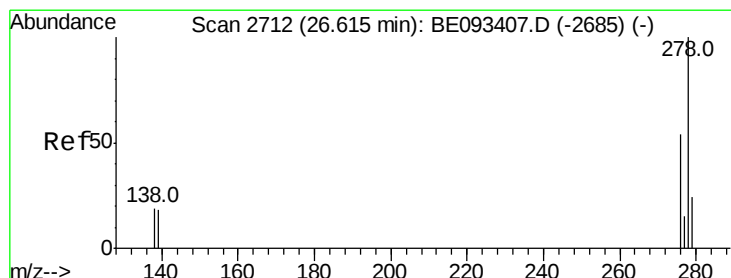
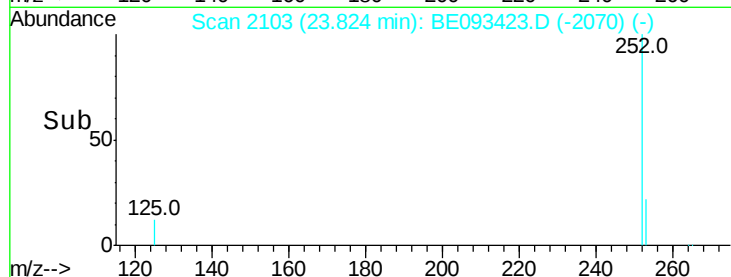
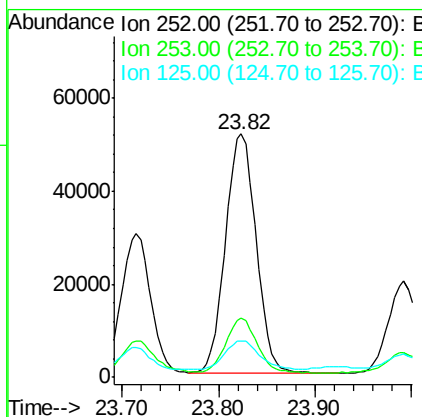
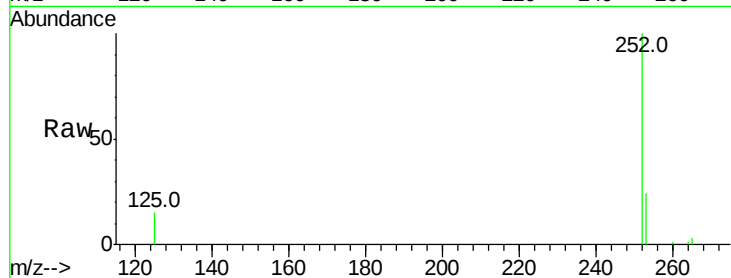




#37
Benzo(a)pyrene
Concen: 1.18 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

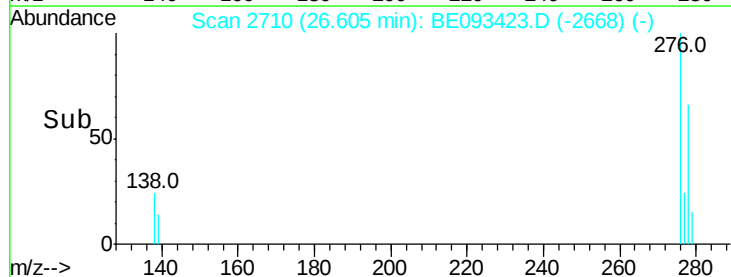
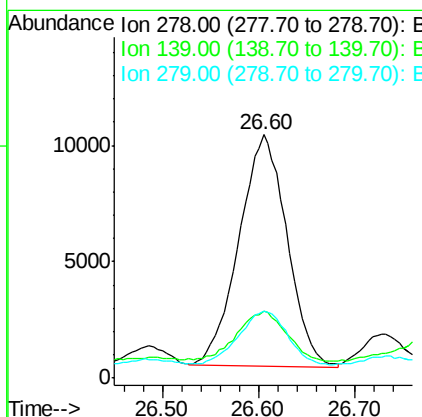
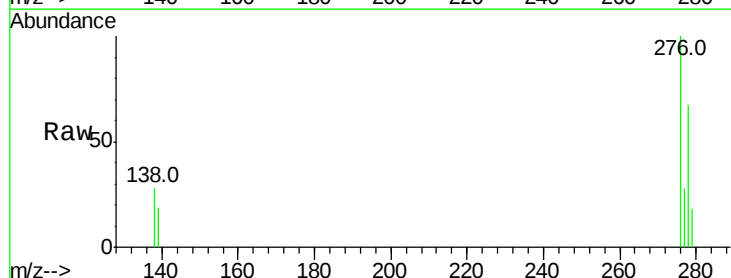
Instrument :
BNA_E
ClientSampleId :

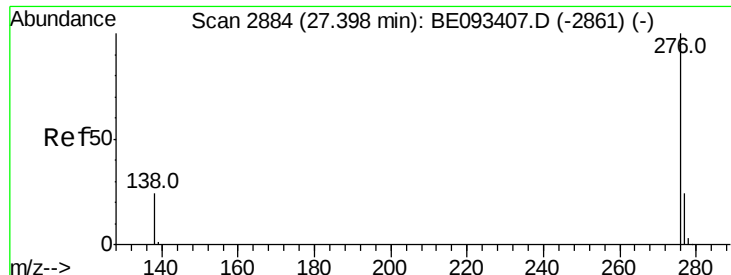
Tot Ion:252 Resp: 113484
Ion Ratio Lower Upper
252 100
253 24.2 19.9 29.9
125 15.0 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.01 min
Lab File: BE093423.D
Acq: 3 Jul 2017 11:11

Tgt Ion:278 Resp: 34554
Ion Ratio Lower Upper
278 100
139 27.6 21.4 32.0
279 27.4 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.83 ng

RT: 27.40 min Scan# 2885

Delta R.T. 0.00 min

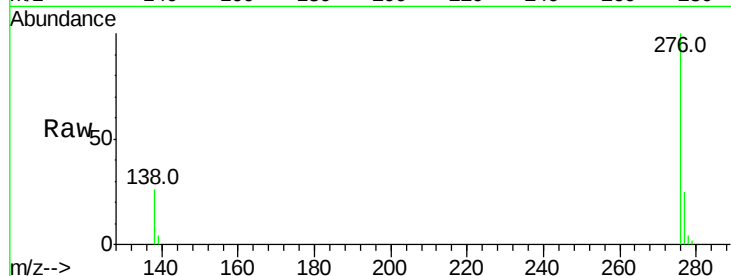
Lab File: BE093423.D

Acq: 3 Jul 2017 11:11

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 78032

Ion Ratio Lower Upper

276 100

277 24.8 21.2 31.8

138 25.9 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

