

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093454.D
 Acq On : 13 Jul 2017 12:10
 Operator : SJ/JU
 Sample : I4142-02MS
 Misc : LOO 0.2 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 16:04:53 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	4643	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21616	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13377	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28211	0.40	ng	0.00
27) Chrysene-d12	21.42	240	42938	0.40	ng	-0.01
34) Perylene-d12	23.93	264	35613	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2096	0.15	ng	0.00
5) Phenol-d6	7.10	99	1863	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	5967	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12119	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1152	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	24252	0.47	ng	0.00
25) Fluoranthene-d10	19.28	212	180010	0.53	ng	0.00
29) Terphenyl-d14	19.87	244	36787	0.48	ng	0.00

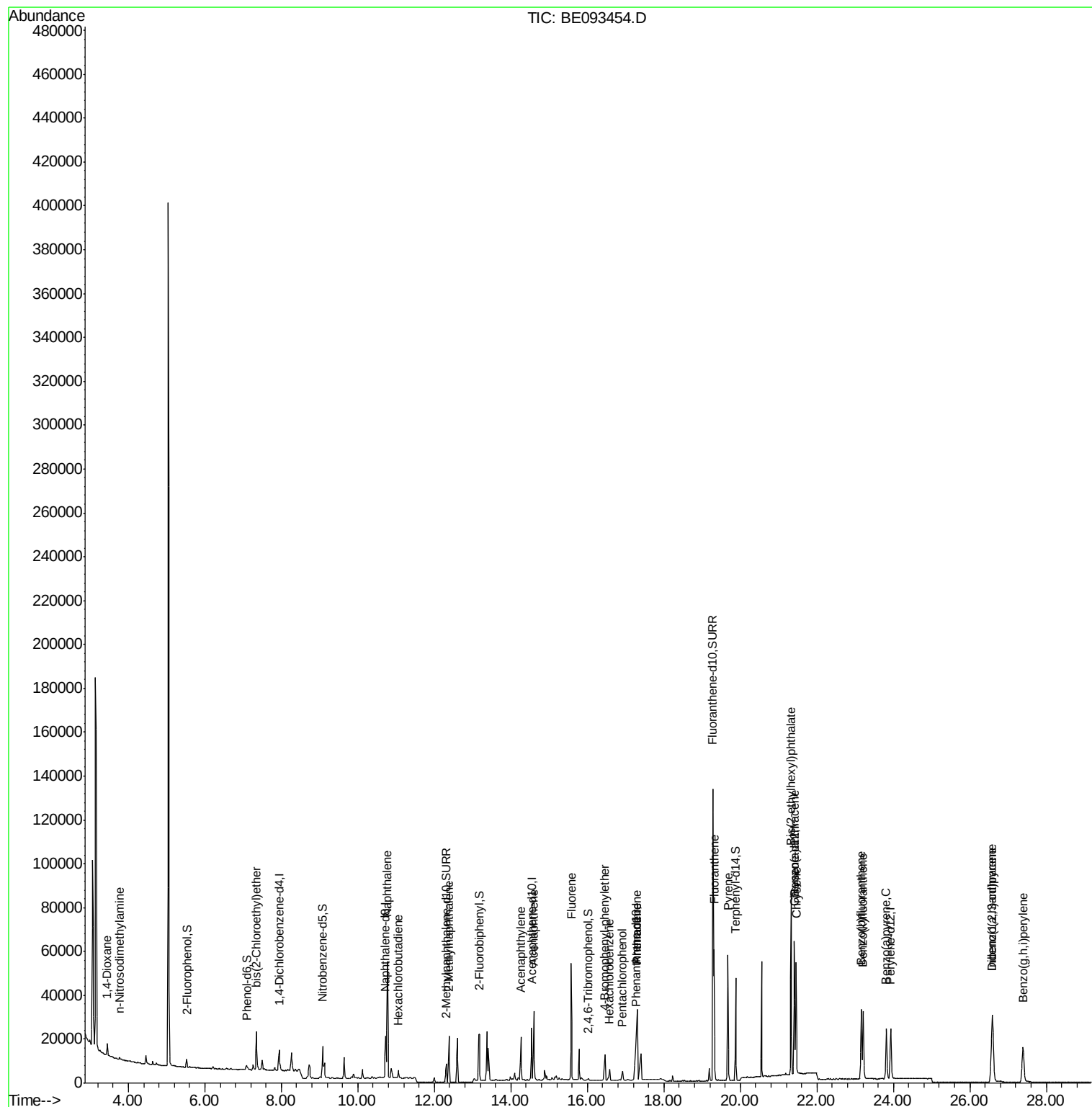
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3537	0.360	ng	# 51
3) n-Nitrosodimethylamine	3.76	42	721	0.225	ng	# 78
6) bis(2-Chloroethyl)ether	7.35	93	5708	0.367	ng	# 96
9) Naphthalene	10.77	128	85293	0.377	ng	# 73
10) Hexachlorobutadiene	11.06	225	2751	0.320	ng	99
12) 2-Methylnaphthalene	12.38	142	15043	0.396	ng	96
16) Acenaphthylene	14.26	152	21829	0.392	ng	# 87
17) Acenaphthene	14.60	154	16088	0.394	ng	97
18) Fluorene	15.58	166	22189	0.396	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	9360	0.605	ng	# 3
21) Hexachlorobenzene	16.58	284	8250	0.494	ng	# 100
22) Pentachlorophenol	16.91	266	3941	1.534	ng	# 80
23) Phenanthrene	17.30	178	48659	0.475	ng	96
24) Anthracene	17.30	178	51150	0.814	ng	96
26) Fluoranthene	19.31	202	51882	0.538	ng	99
28) Pyrene	19.67	202	51967	0.431	ng	# 98
30) Benzo(a)anthracene	21.40	228	47014	0.406	ng	94
31) Chrysene	21.46	228	47708	0.393	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	92945	0.557	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	44940	0.422	ng	94
35) Benzo(b)fluoranthene	23.16	252	44796	0.390	ng	# 95
36) Benzo(k)fluoranthene	23.21	252	45347	0.399	ng	# 95
37) Benzo(a)pyrene	23.82	252	37571	0.373	ng	# 95
38) Dibenzo(a,h)anthracene	26.60	278	38061	0.389	ng	# 89
39) Benzo(g,h,i)perylene	27.38	276	38551	0.390	ng	92

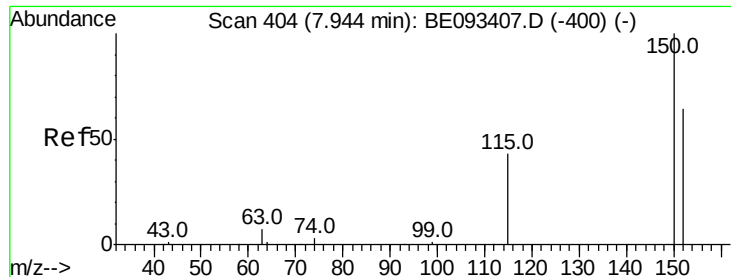
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

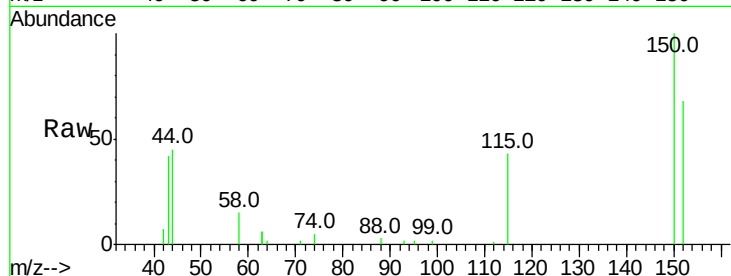
Tot Ion:152 Resp: 4643

Ion Ratio Lower Upper

152 100

150 148.1 125.1 187.7

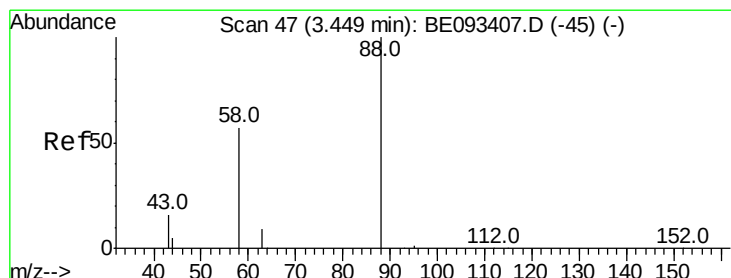
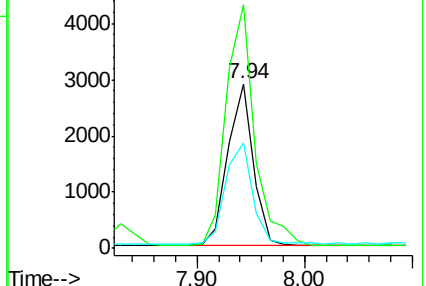
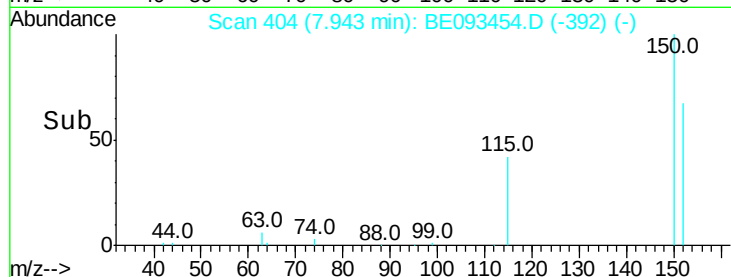
115 64.3 55.7 83.5



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: 0.360 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

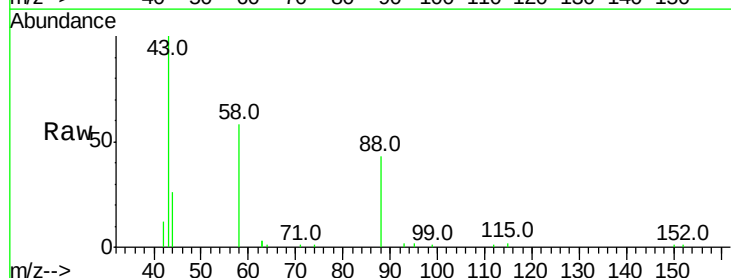
Tgt Ion: 88 Resp: 3537

Ion Ratio Lower Upper

88 100

58 103.6 62.2 93.4#

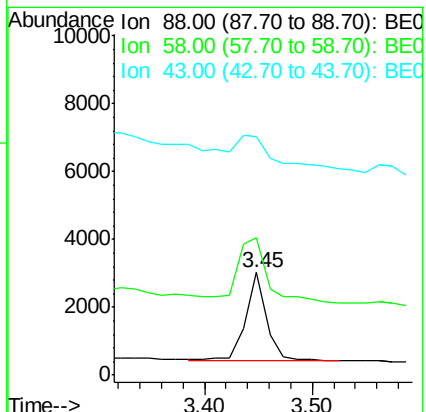
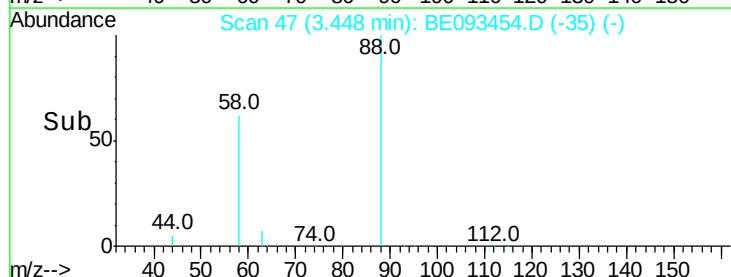
43 82.1 23.2 34.8#

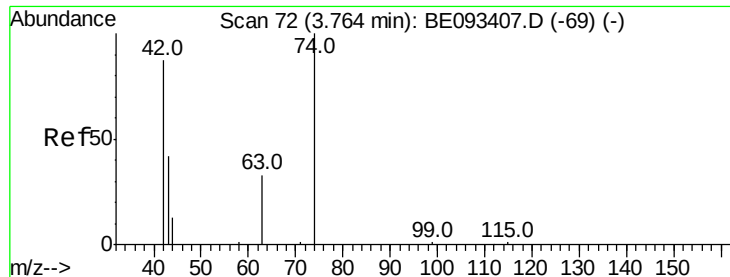


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



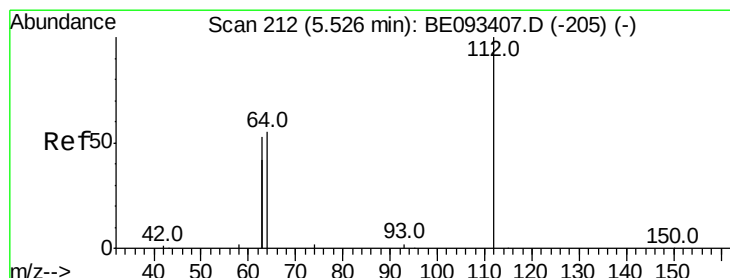
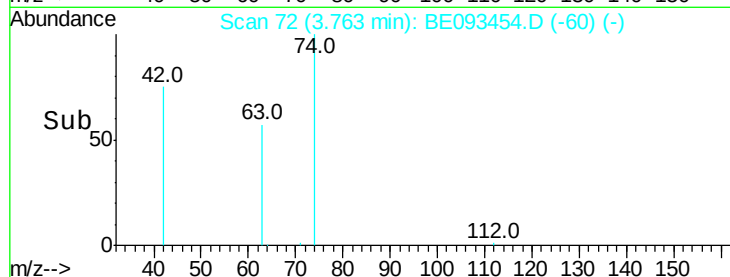
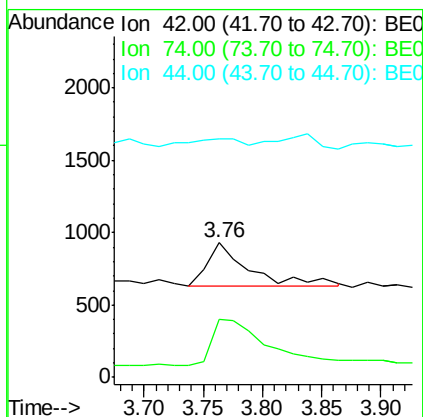
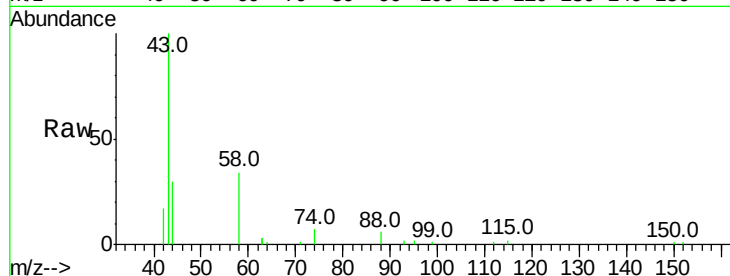


#3

n-Nitrosodimethylamine
 Concen: 0.225 ng
 RT: 3.76 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093454.D
 Acq: 13 Jul 2017 12:10

Instrument :
 BNA_E
 ClientSampleId :

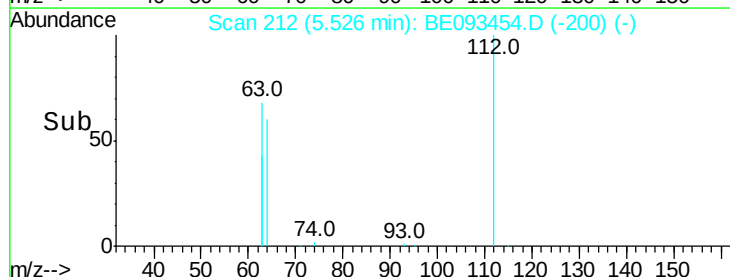
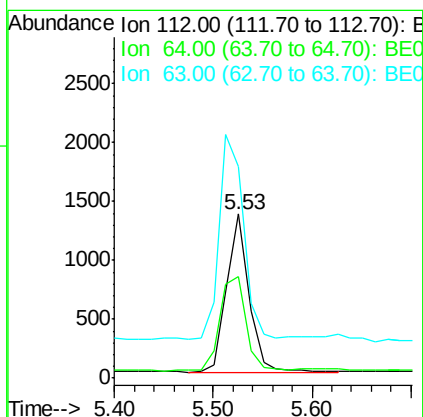
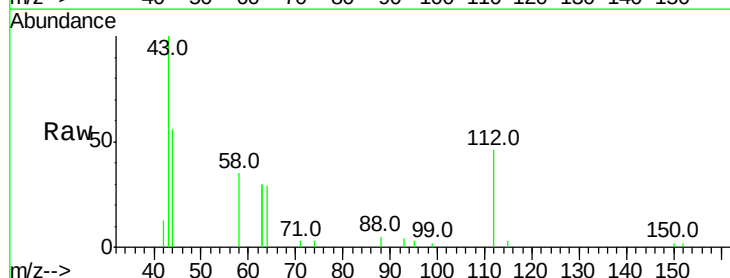
Tot Ion: 42 Resp: 721
 Ion Ratio Lower Upper
 42 100
 74 146.2 99.1 148.7
 44 26.6 7.4 11.2#

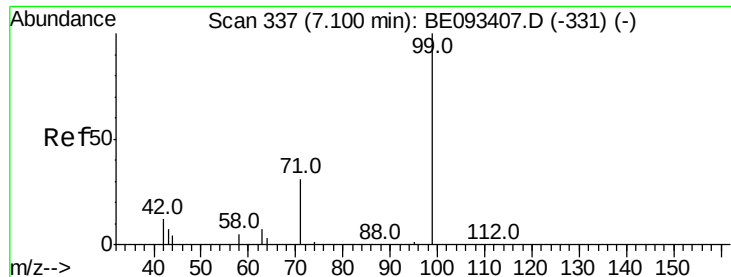


#4

2-Fluorophenol
 Concen: 0.150 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093454.D
 Acq: 13 Jul 2017 12:10

Tgt Ion: 112 Resp: 2096
 Ion Ratio Lower Upper
 112 100
 64 71.6 56.4 84.6
 63 143.2 29.3 43.9#





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampled :

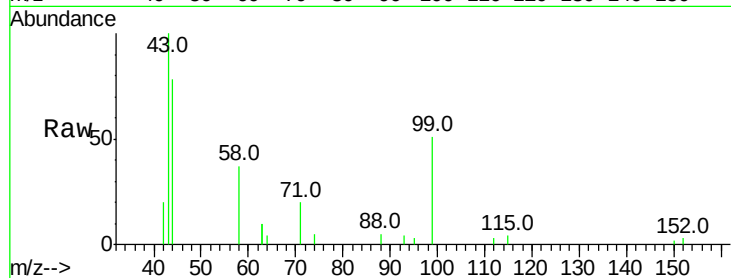
Tot Ion: 99 Resp: 1863

Ion Ratio Lower Upper

99 100

42 24.2 0.0 0.0#

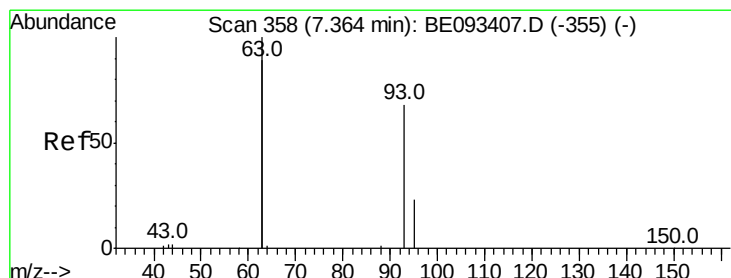
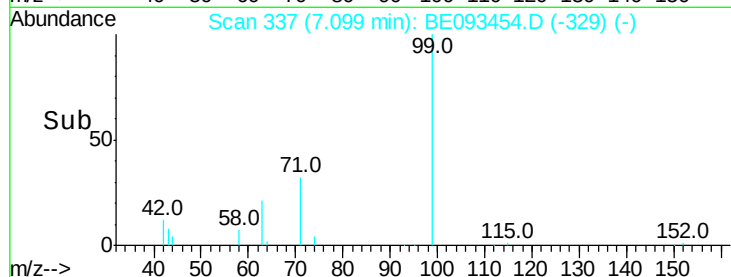
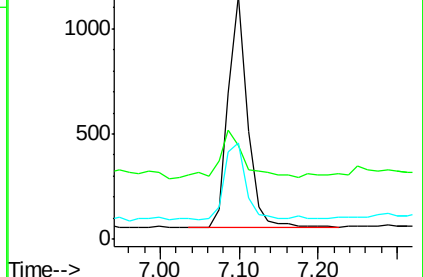
71 37.1 0.0 0.0#



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: 0.367 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

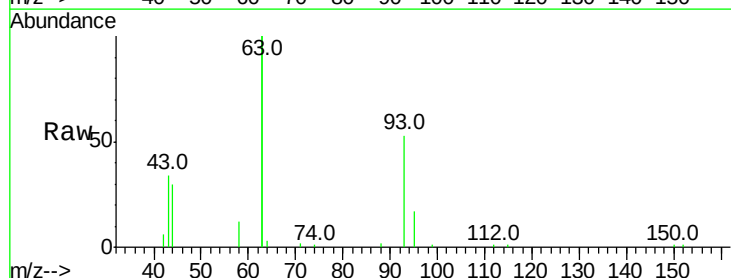
Tgt Ion: 93 Resp: 5708

Ion Ratio Lower Upper

93 100

63 351.7 0.0 0.0#

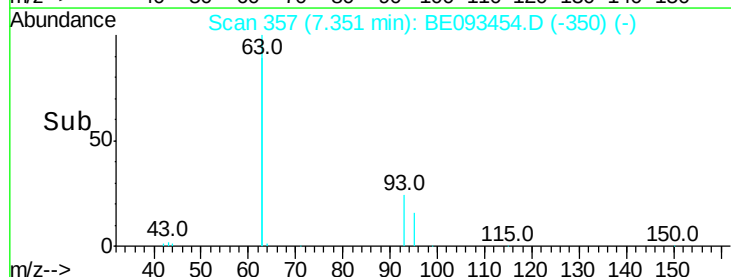
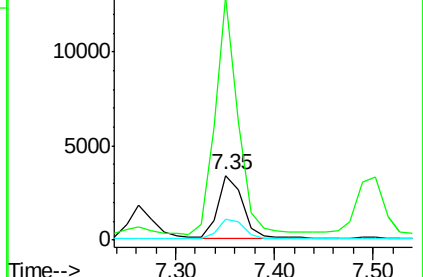
95 33.9 25.4 38.0

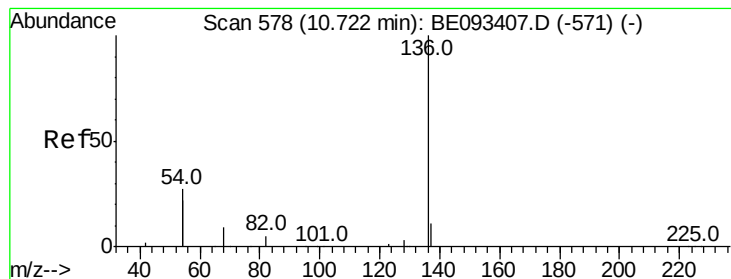


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21616

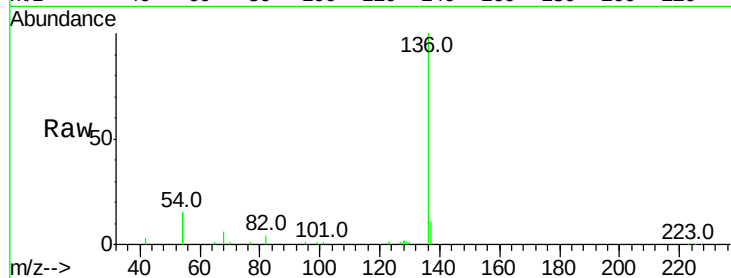
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 30.9 10.3 15.5#

68 6.3 9.0 13.4#

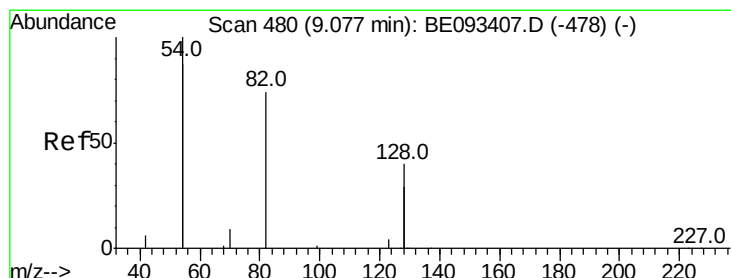
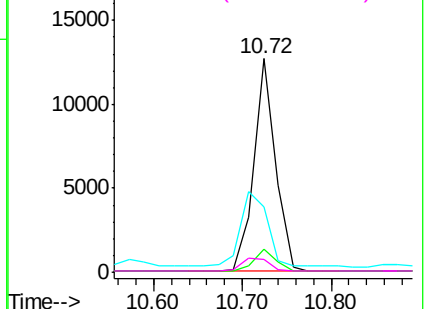
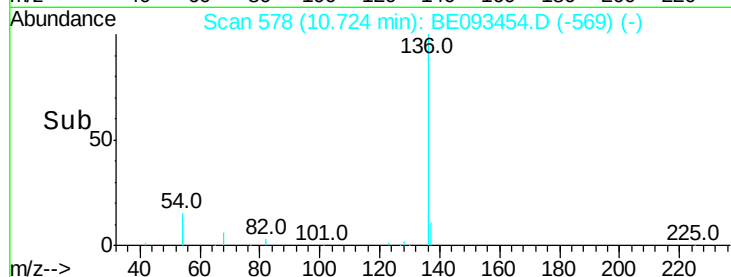


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.432 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

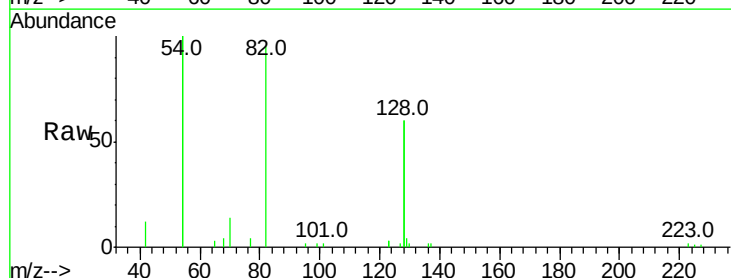
Tgt Ion: 82 Resp: 5967

Ion Ratio Lower Upper

82 100

128 126.8 17.0 25.4#

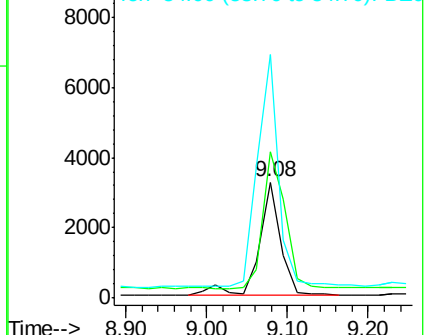
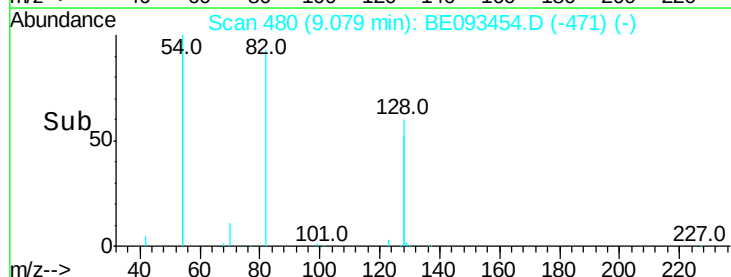
54 210.1 53.8 80.6#

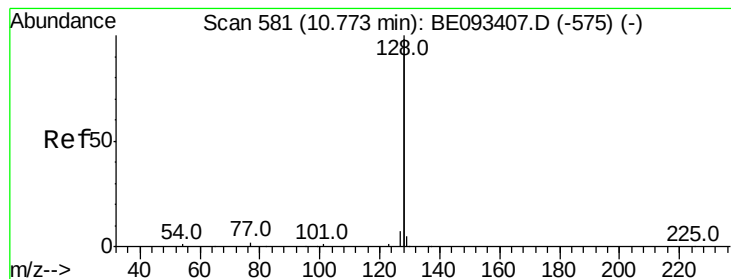


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.377 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

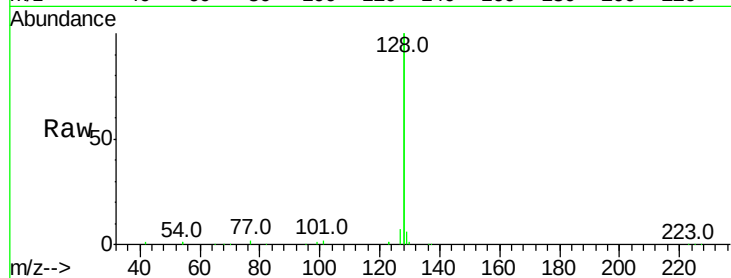
Tot Ion:128 Resp: 85293

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

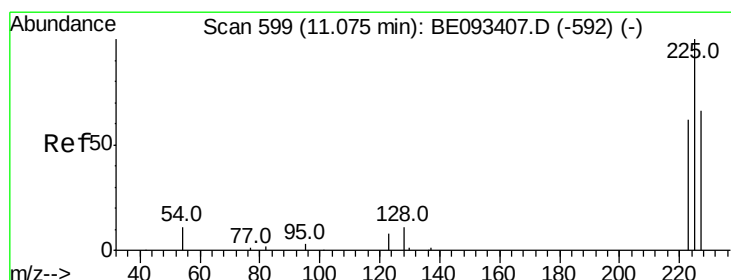
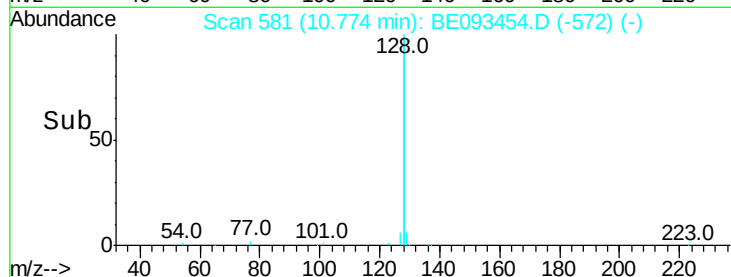
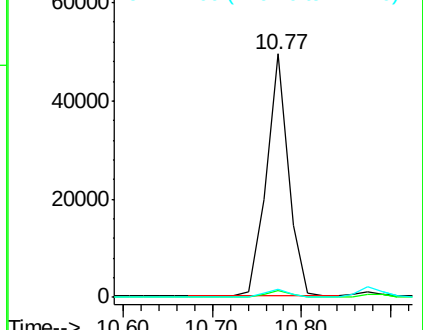
127 3.3 11.2 16.8#



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: 0.320 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

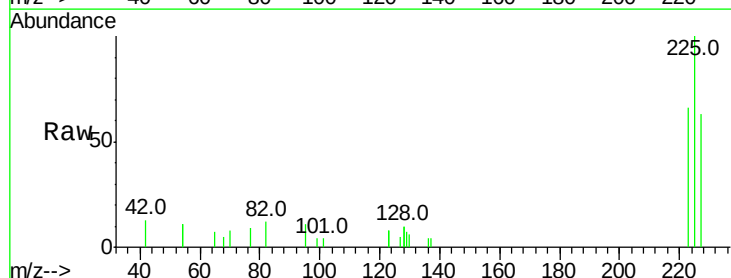
Tgt Ion:225 Resp: 2751

Ion Ratio Lower Upper

225 100

223 62.5 49.7 74.5

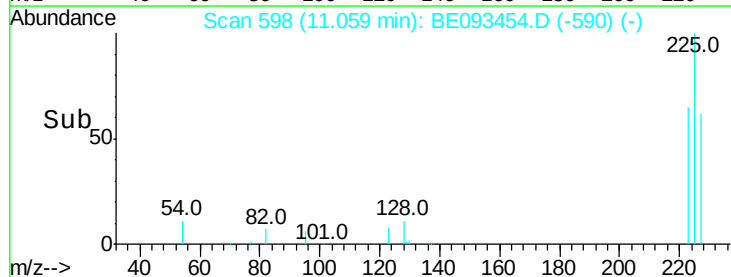
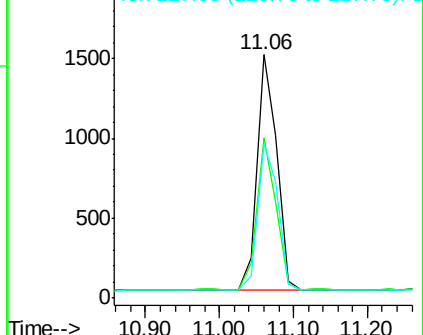
227 63.6 50.3 75.5

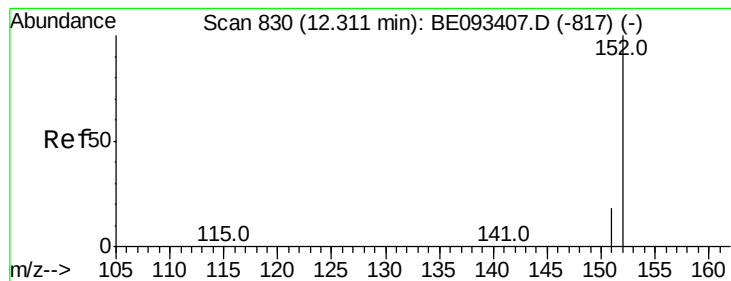


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

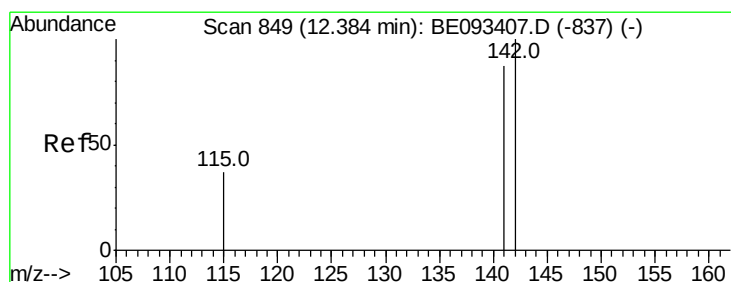
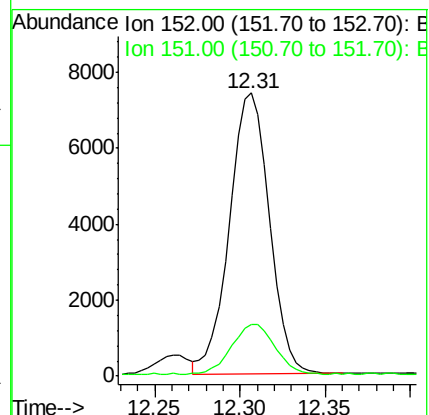
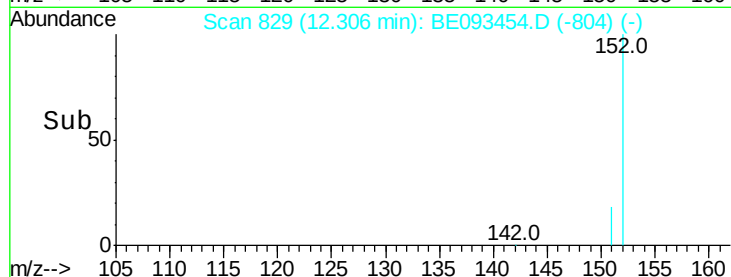
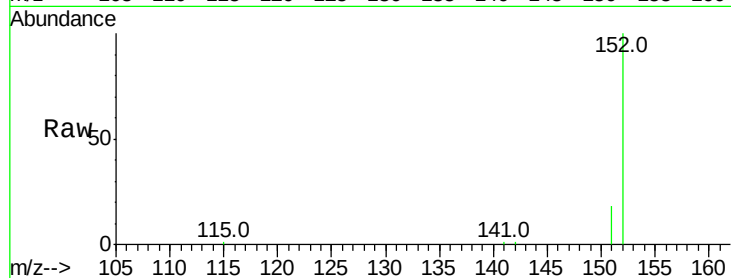
ClientSampleId :

Tot Ion:152 Resp: 12119

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

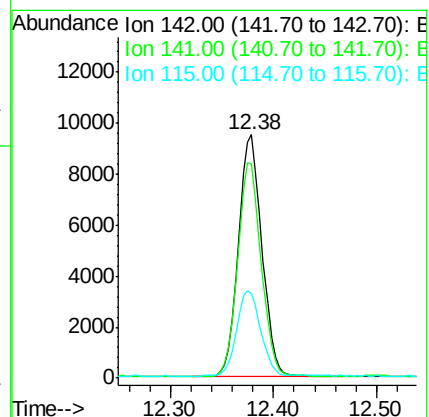
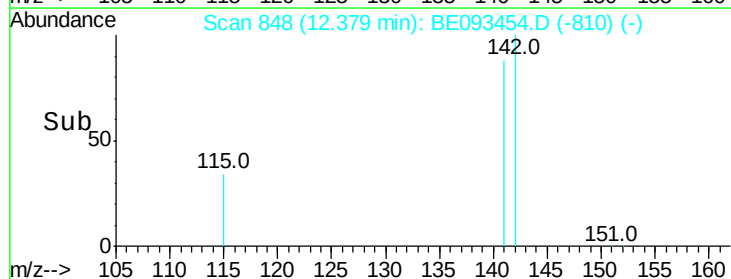
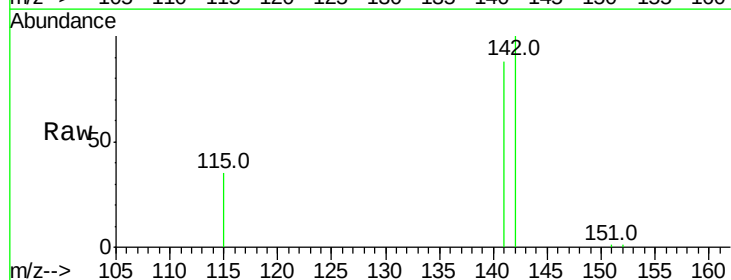
Tgt Ion:142 Resp: 15043

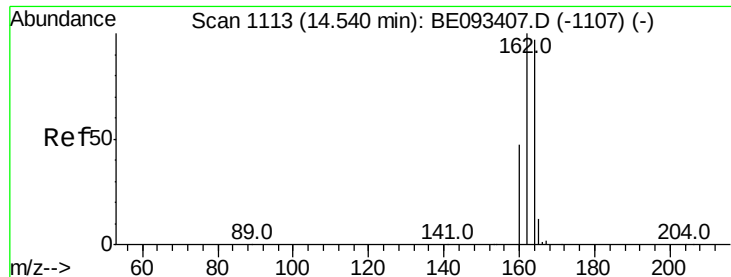
Ion Ratio Lower Upper

142 100

141 88.1 72.6 108.8

115 35.0 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

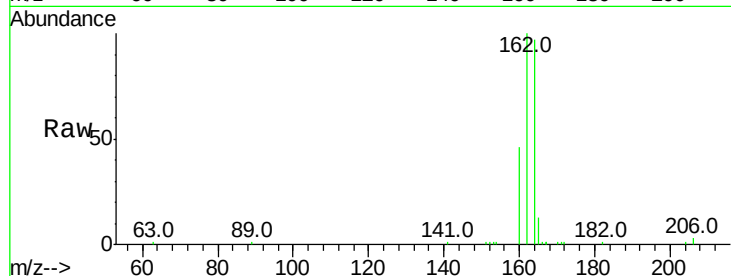
Instrument :

BNA_E

ClientSampleId :

Tot Ion:164 Resp: 13377

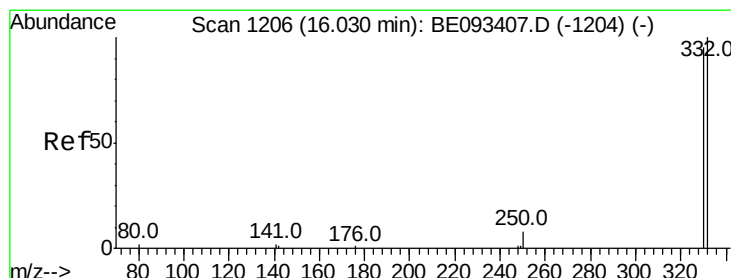
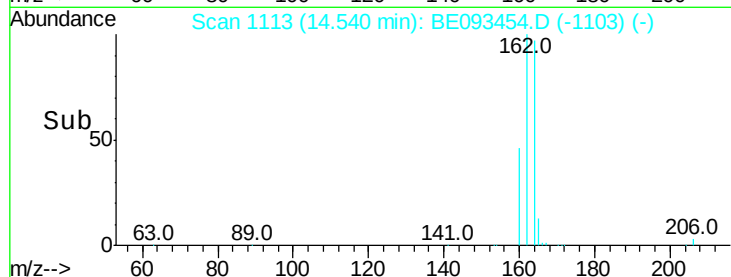
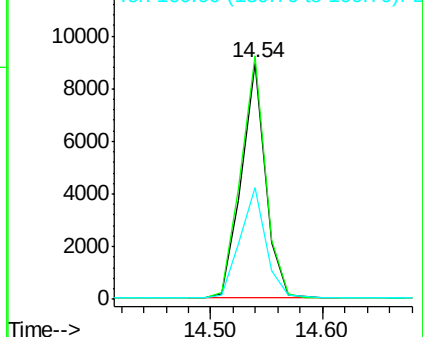
Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.6	127.0
160	47.4	41.8	62.6



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: 0.274 ng

RT: 16.03 min Scan# 1206

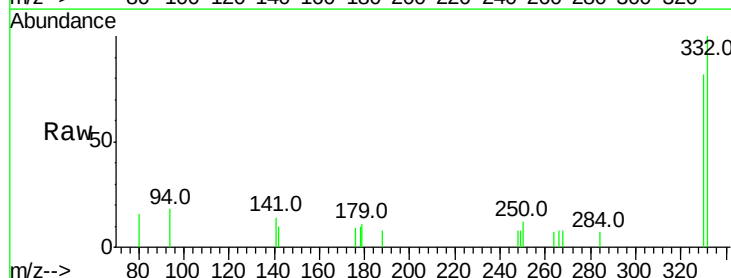
Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Tgt Ion:330 Resp: 1152

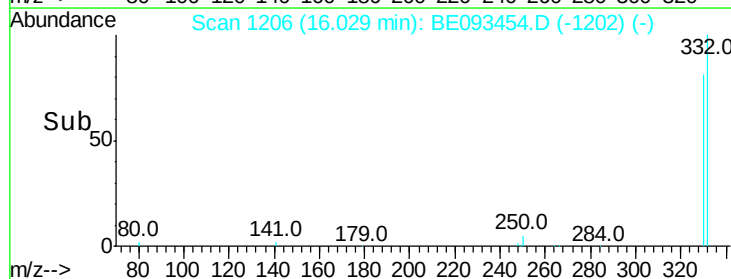
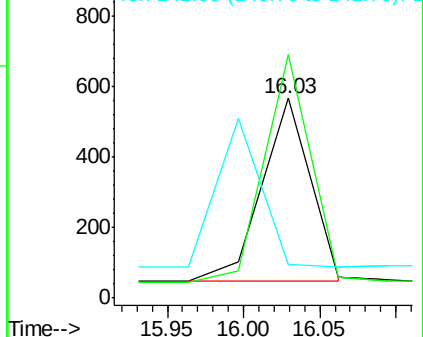
Ion	Ratio	Lower	Upper
330	100		
332	116.9	77.7	116.5#
141	0.0	56.2	84.4#

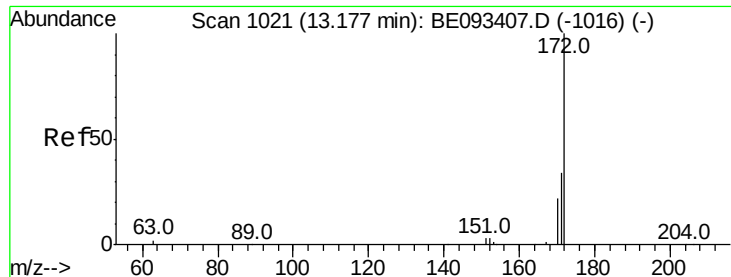


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

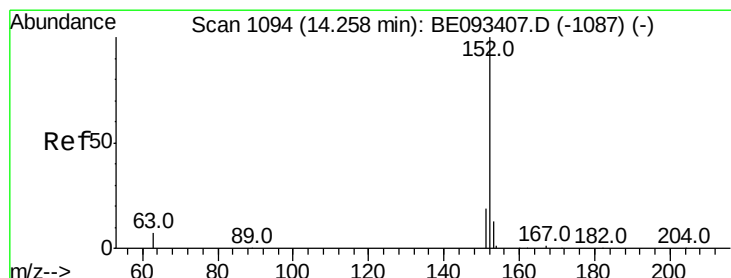
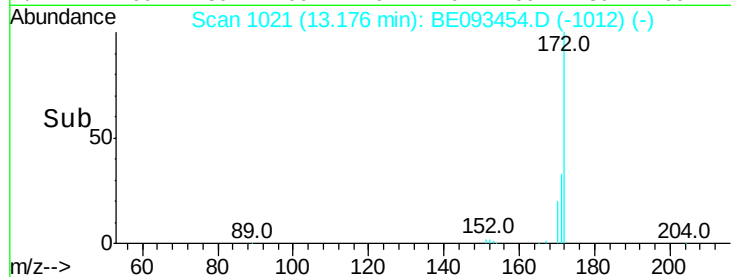
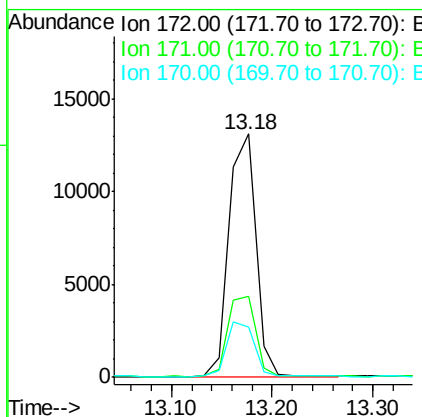
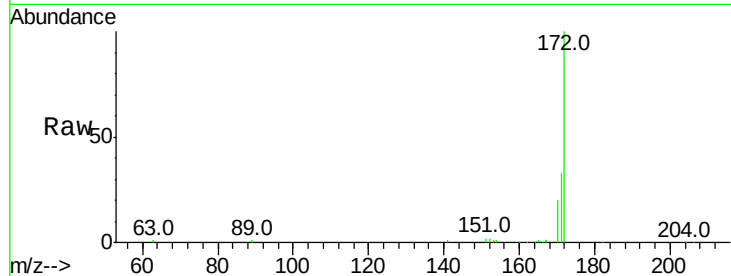




#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093454.D
Acq: 13 Jul 2017 12:10

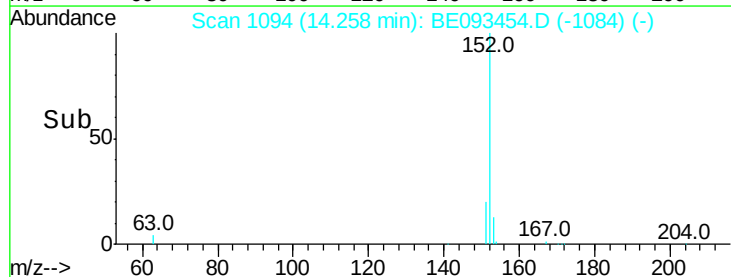
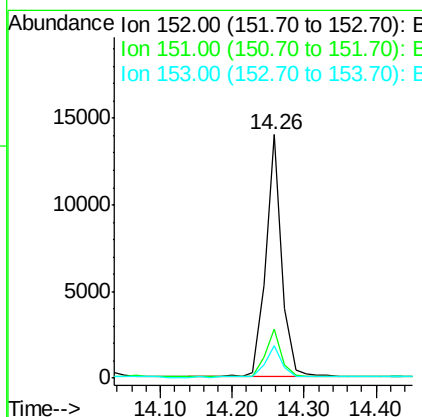
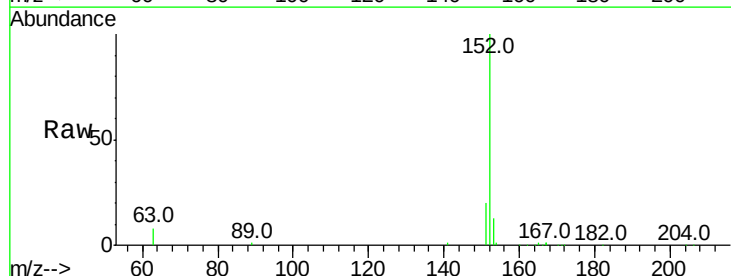
Instrument :
BNA_E
ClientSampleId :

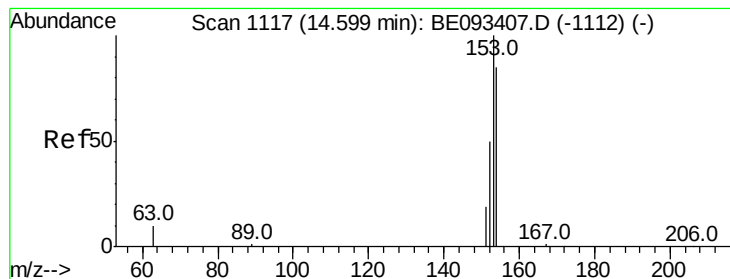
Tot Ion:172 Resp: 24252
Ion Ratio Lower Upper
172 100
171 33.4 29.8 44.6
170 20.5 20.7 31.1#



#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093454.D
Acq: 13 Jul 2017 12:10

Tgt Ion:152 Resp: 21829
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

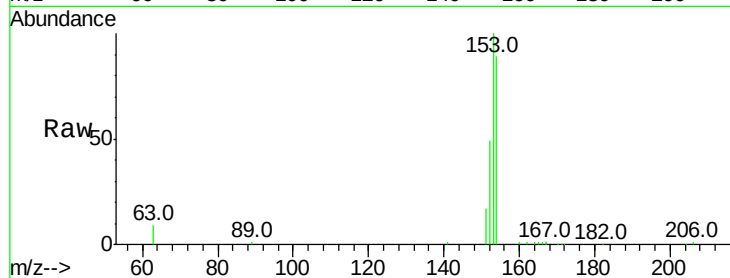
Tot Ion:154 Resp: 16088

Ion Ratio Lower Upper

154 100

153 111.2 91.2 136.8

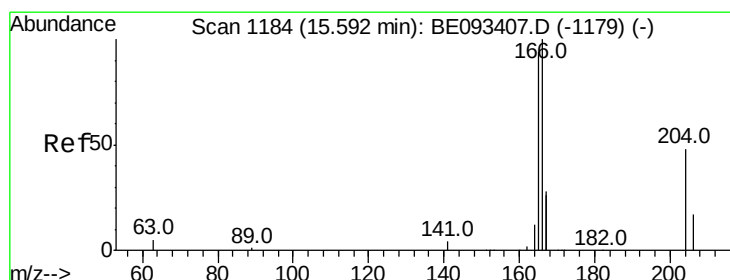
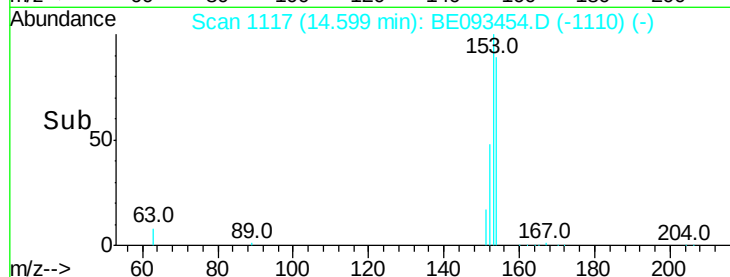
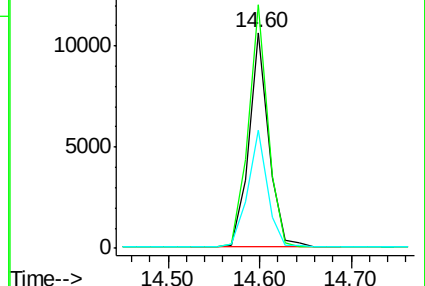
152 54.0 44.8 67.2



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: 0.396 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

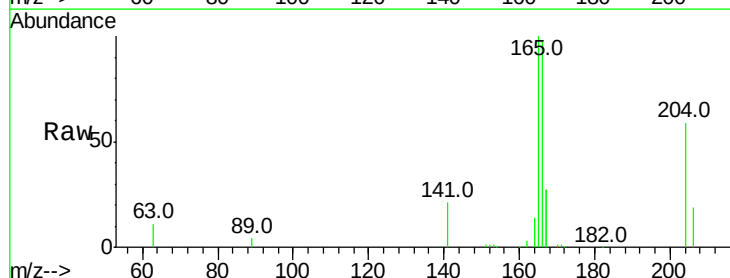
Tgt Ion:166 Resp: 22189

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

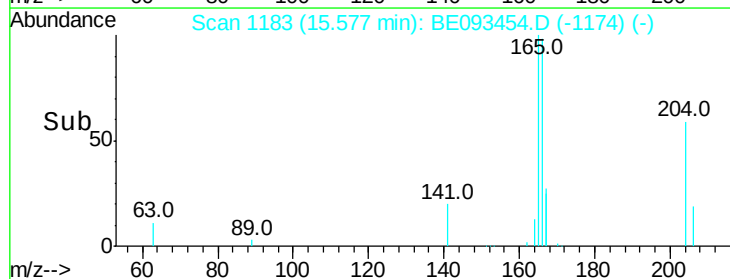
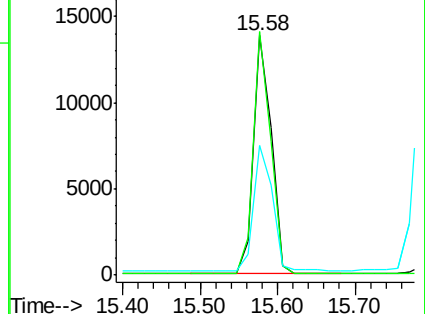
167 54.5 11.1 16.7#

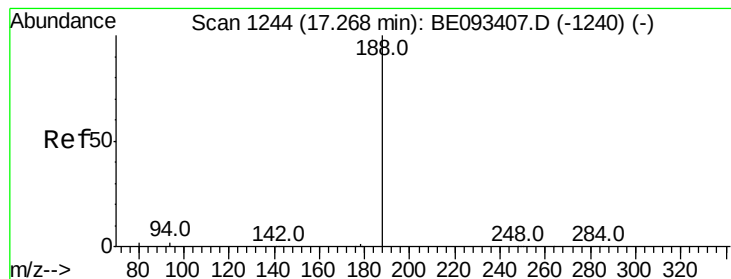


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

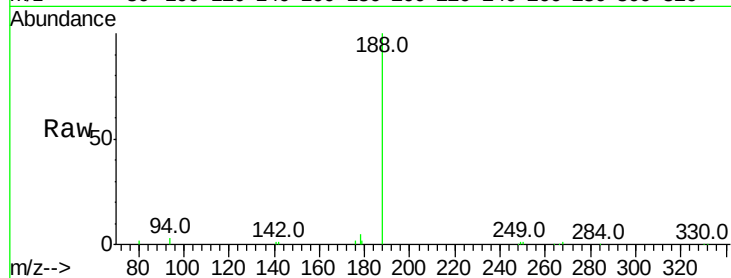
Tot Ion:188 Resp: 28211

Ion Ratio Lower Upper

188 100

94 2.7 11.3 16.9#

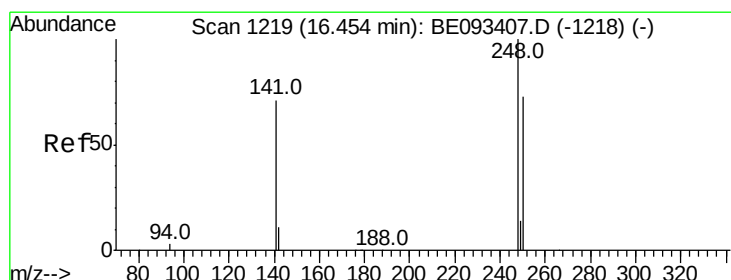
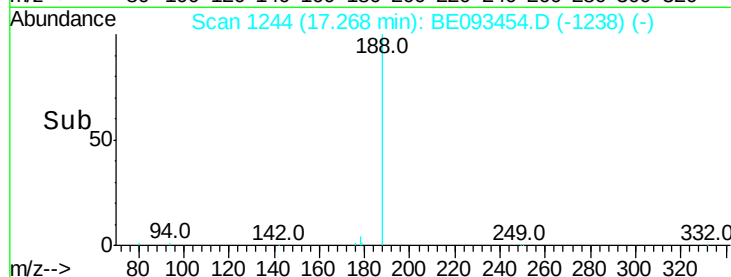
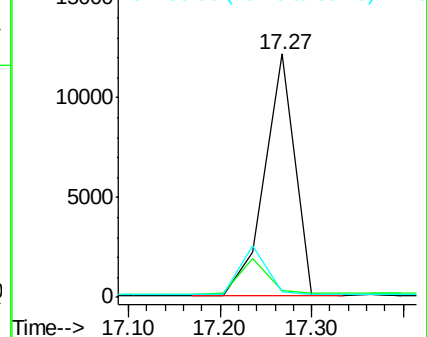
80 2.2 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.605 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

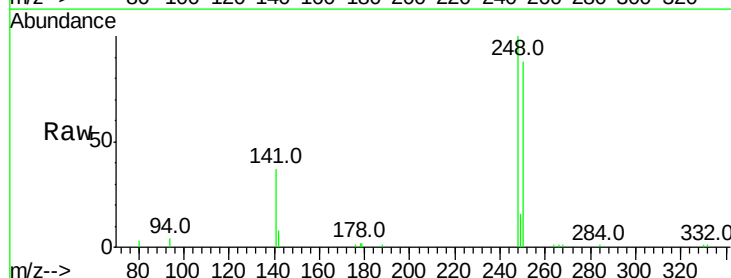
Tgt Ion:248 Resp: 9360

Ion Ratio Lower Upper

248 100

250 88.5 40.8 61.2#

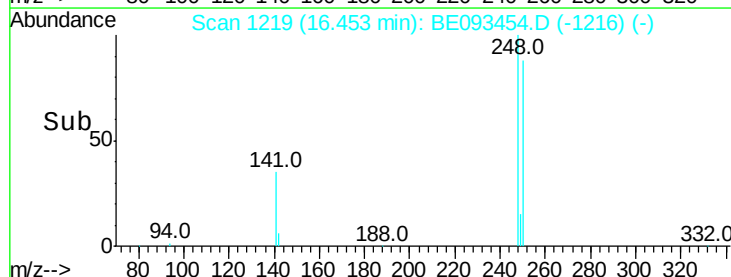
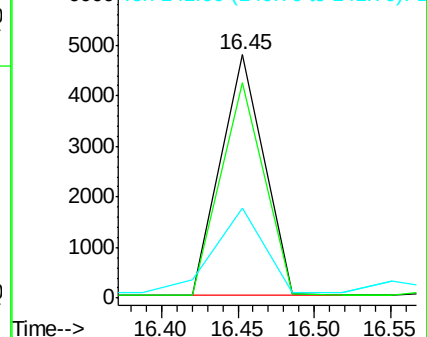
141 36.7 161.6 242.4#

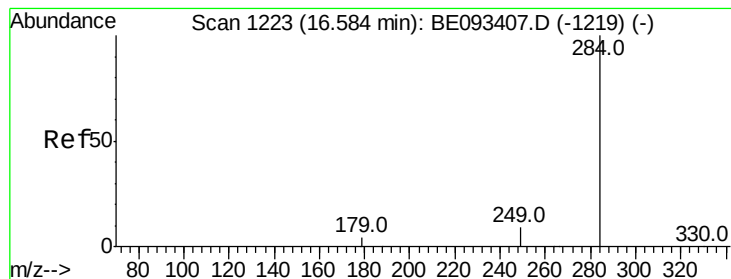


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.494 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

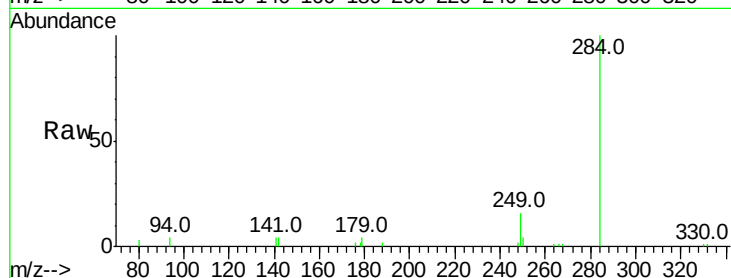
Tot Ion:284 Resp: 8250

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

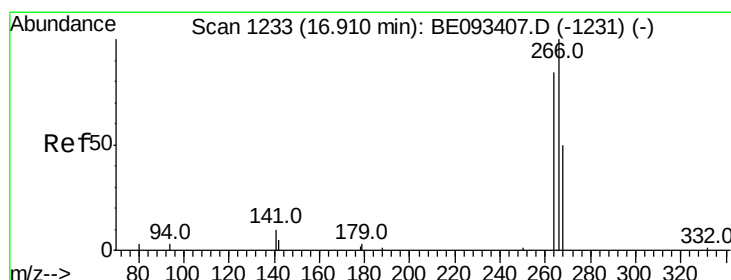
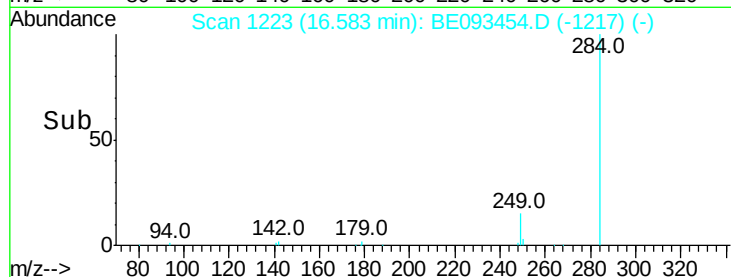
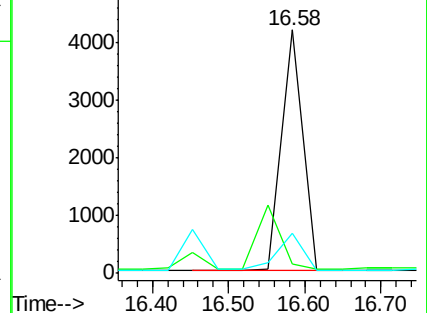
249 18.1 0.0 0.0#



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: 1.534 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

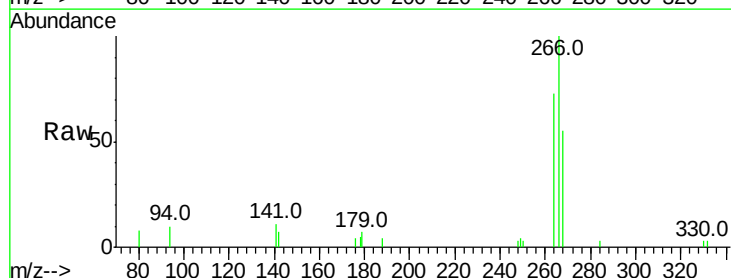
Tgt Ion:266 Resp: 3941

Ion Ratio Lower Upper

266 100

264 72.6 58.2 87.2

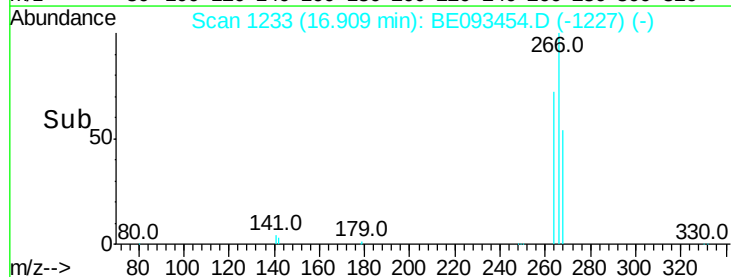
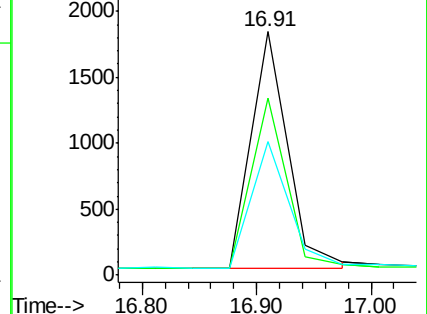
268 55.1 71.9 107.9#

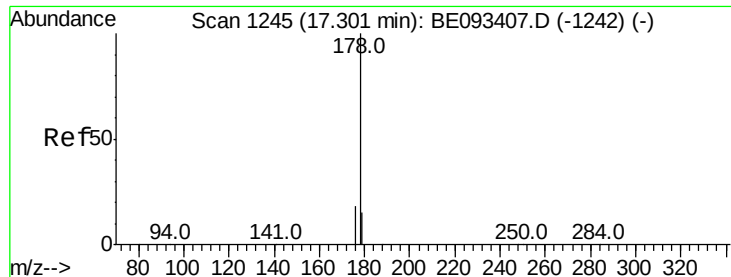


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.475 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

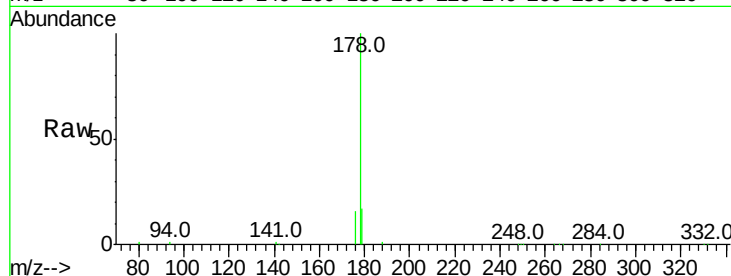
Tot Ion:178 Resp: 48659

Ion Ratio Lower Upper

178 100

176 16.5 15.0 22.4

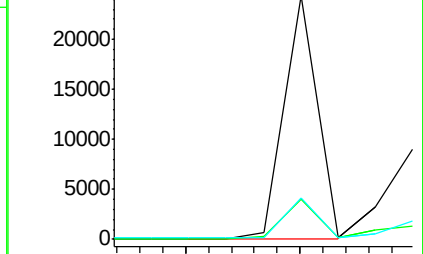
179 16.8 12.7 19.1



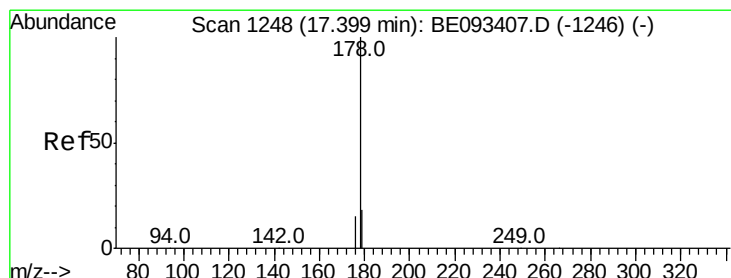
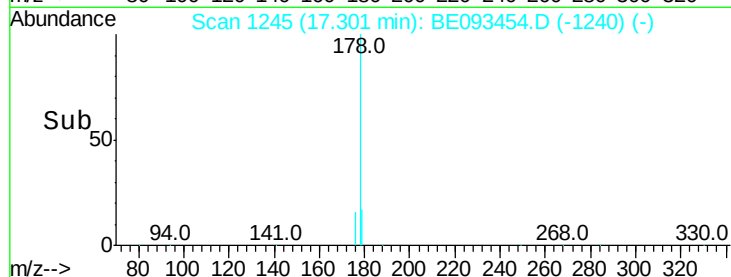
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.814 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

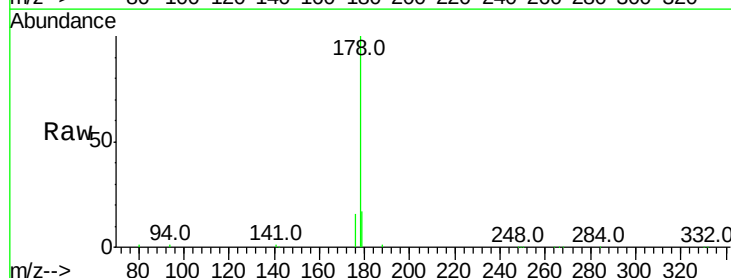
Tgt Ion:178 Resp: 51150

Ion Ratio Lower Upper

178 100

176 16.2 14.6 22.0

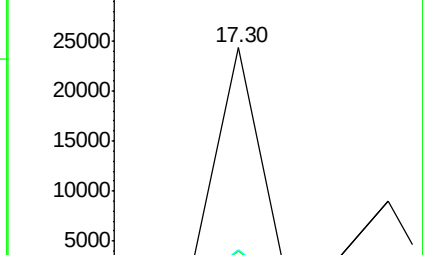
179 16.6 12.0 18.0



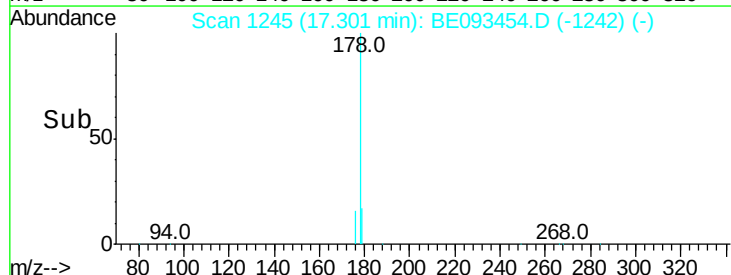
Abundance Ion 178.00 (177.70 to 178.70): E

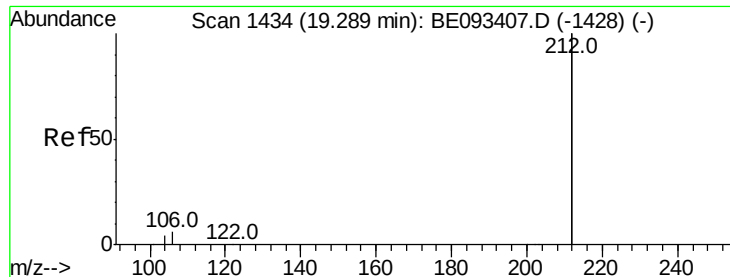
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.529 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

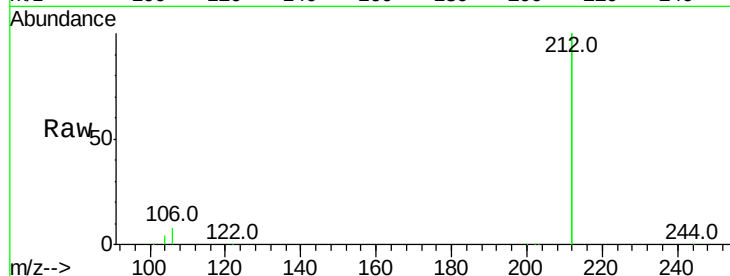
Tot Ion:212 Resp: 180010

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

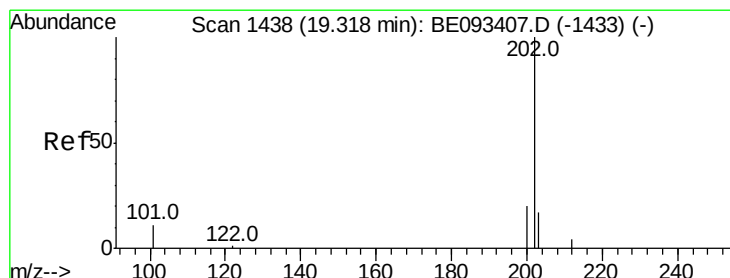
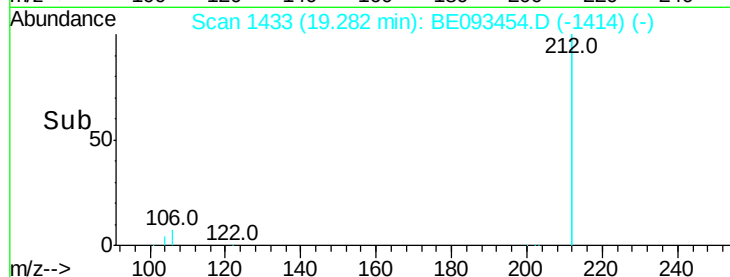
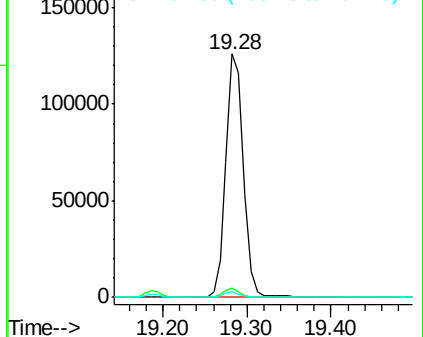
104 2.0 1.6 2.4



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: 0.538 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

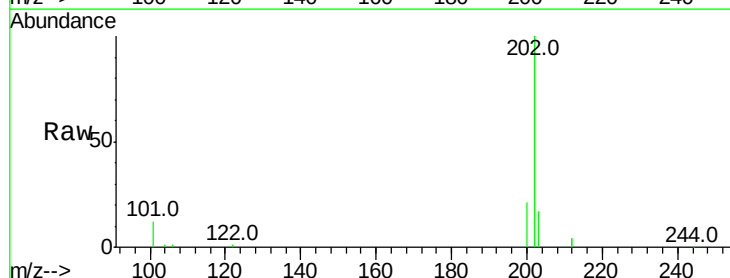
Tgt Ion:202 Resp: 51882

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

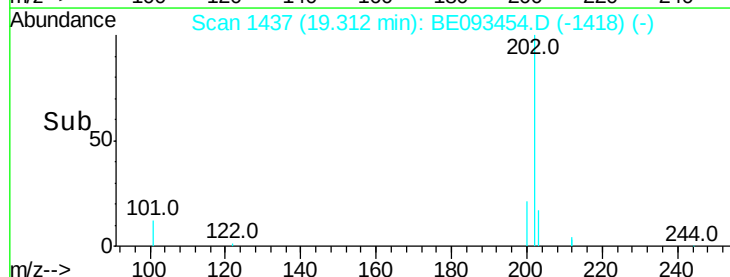
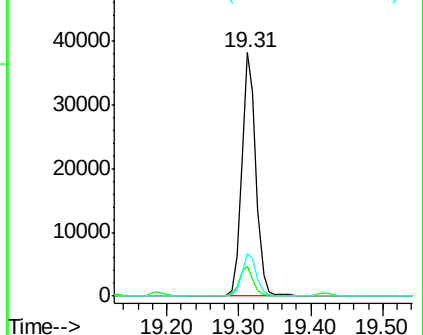
203 17.2 14.4 21.6

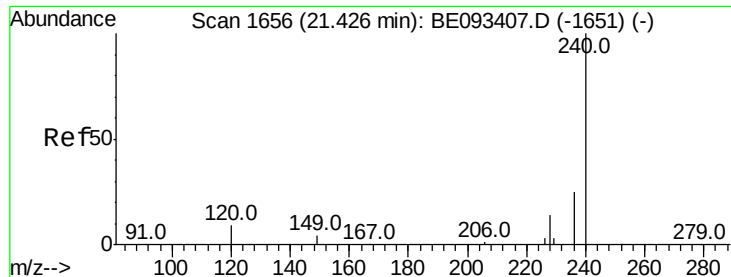


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

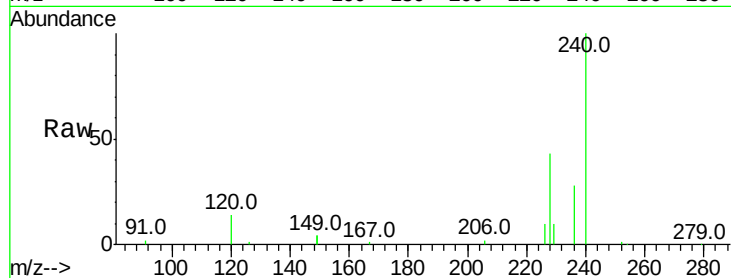
Tot Ion:240 Resp: 42938

Ion Ratio Lower Upper

240 100

120 14.4 4.6 7.0#

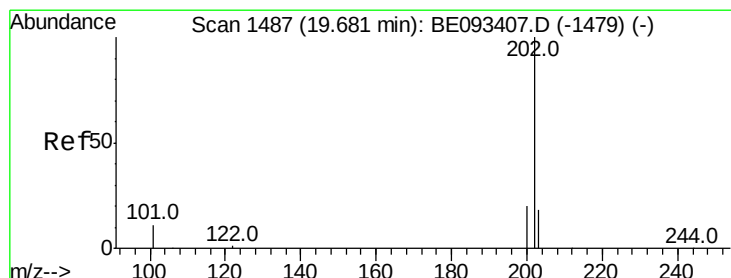
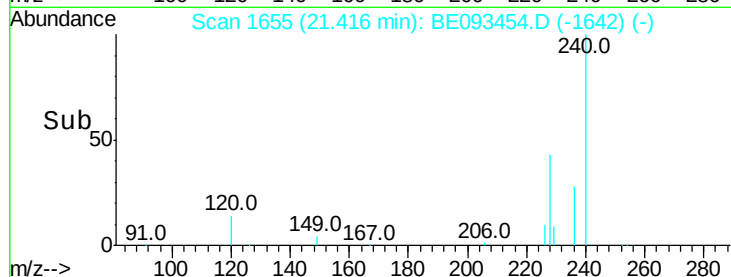
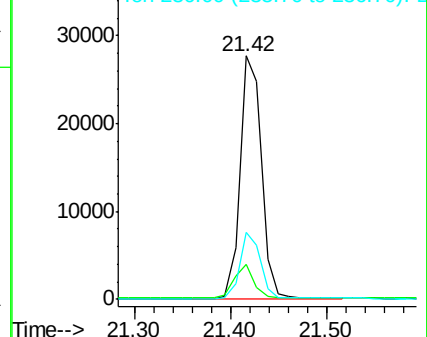
236 27.7 20.8 31.2



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: 0.431 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

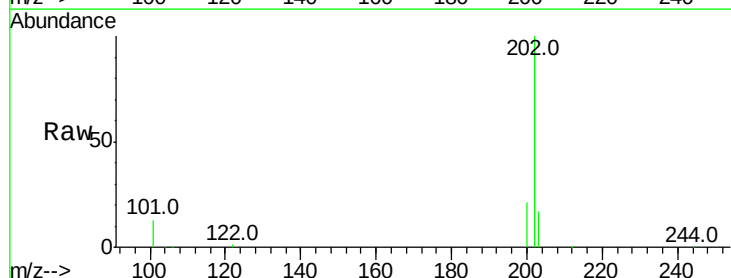
Tgt Ion:202 Resp: 51967

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

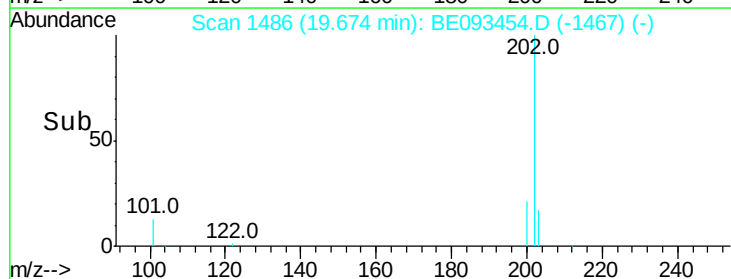
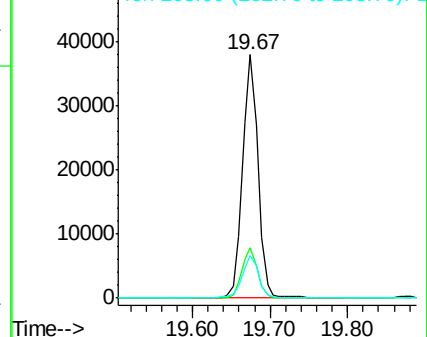
203 18.0 13.7 20.5

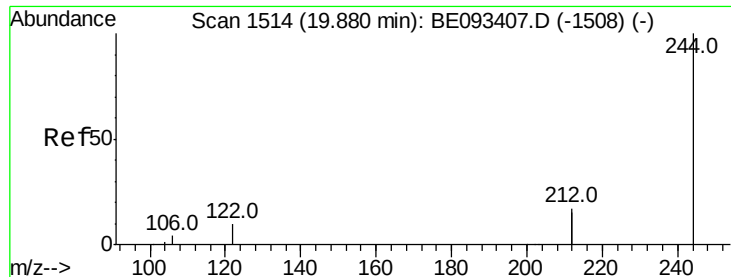


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.480 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

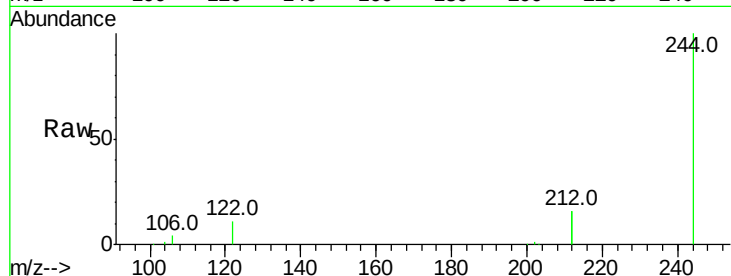
Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :



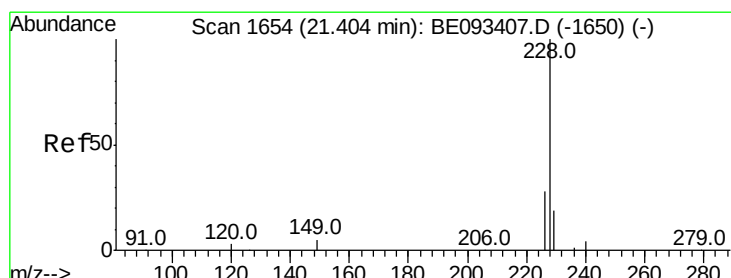
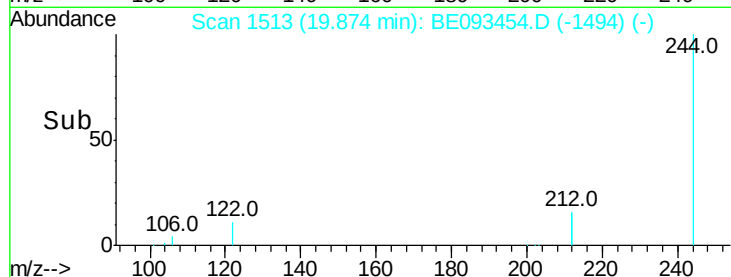
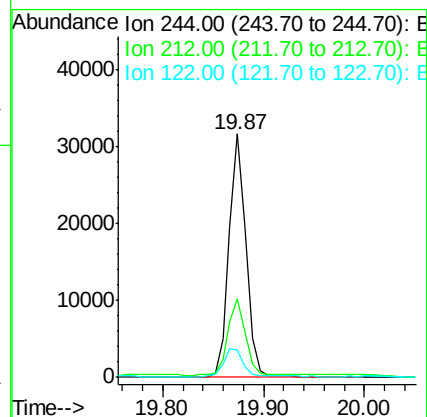
Tot Ion:244 Resp: 36787

Ion Ratio Lower Upper

244 100

212 32.0 10.6 16.0#

122 11.1 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

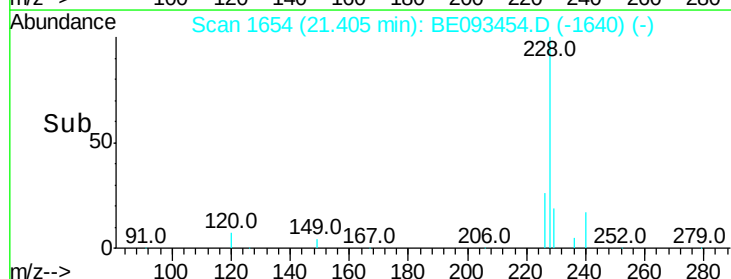
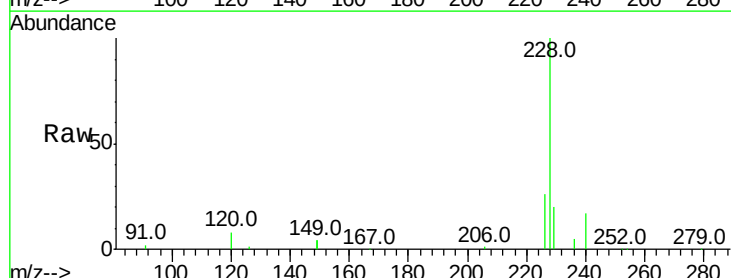
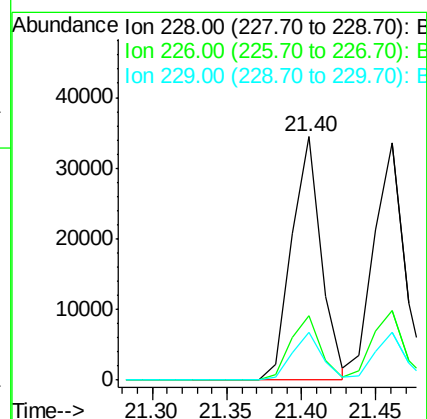
Tgt Ion:228 Resp: 47014

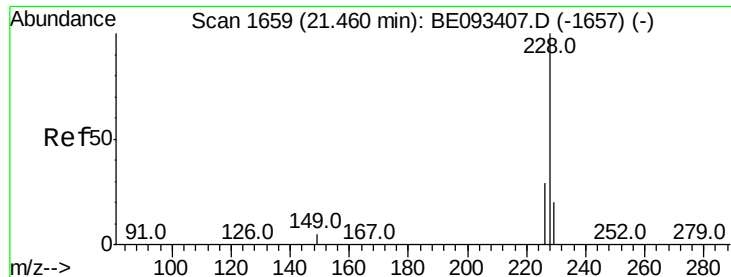
Ion Ratio Lower Upper

228 100

226 26.3 19.7 29.5

229 19.6 19.2 28.8





#31

Chrysene

Concen: 0.393 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

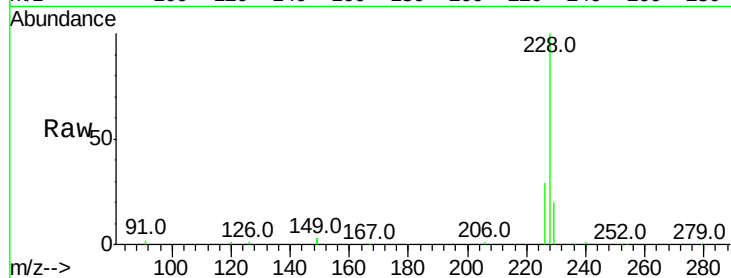
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 47708

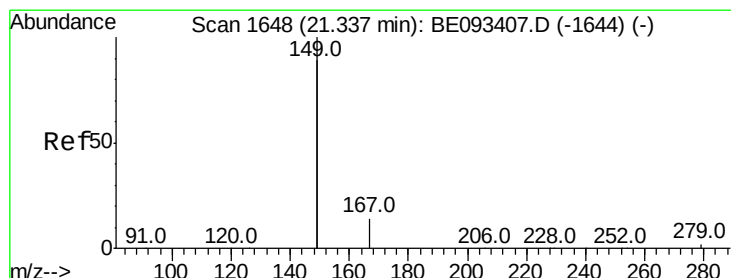
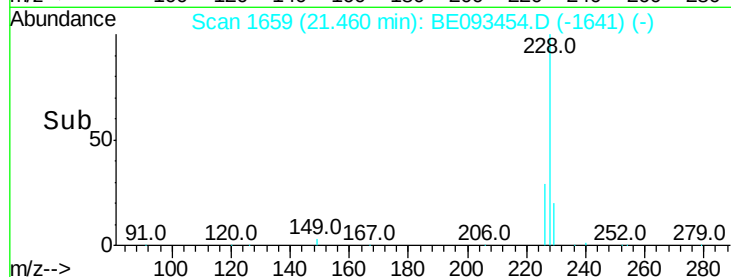
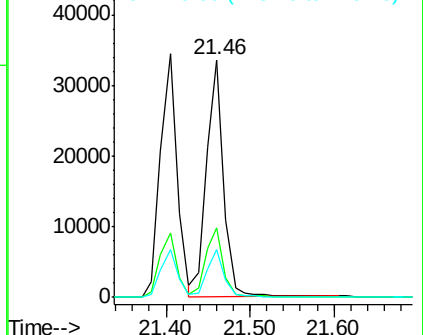
Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.5	32.3
229	20.3	18.6	28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.557 ng

RT: 21.33 min Scan# 1647

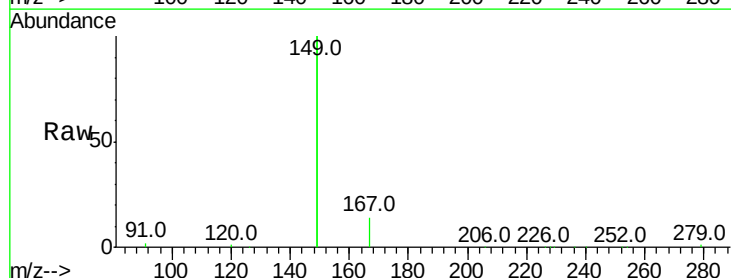
Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Tgt Ion:149 Resp: 92945

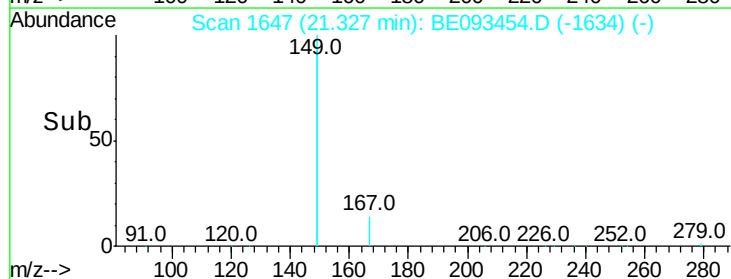
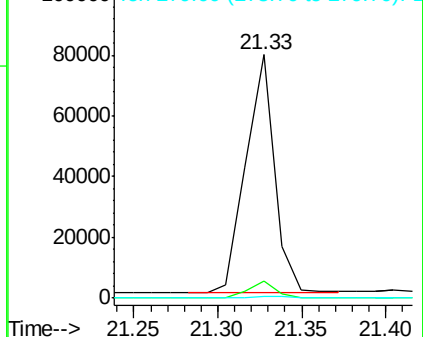
Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.8	2.2	3.4#

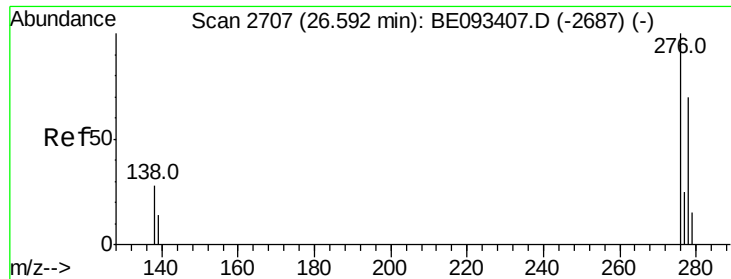


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

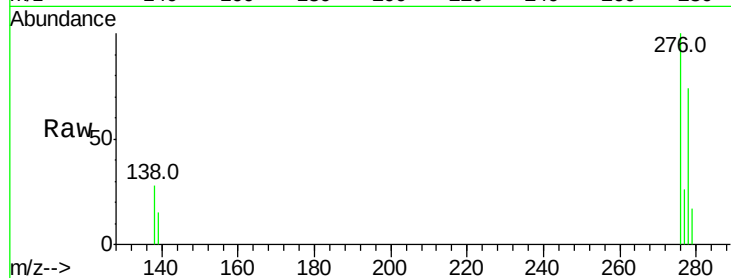




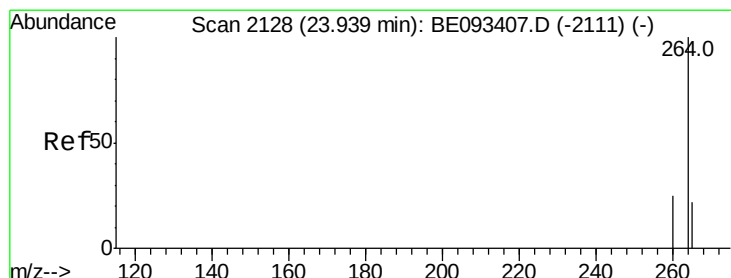
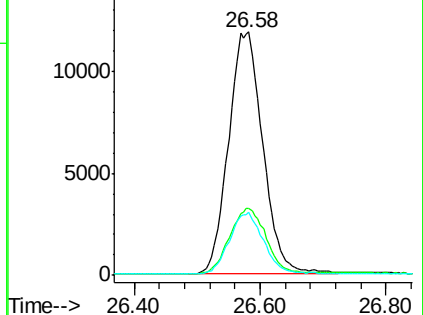
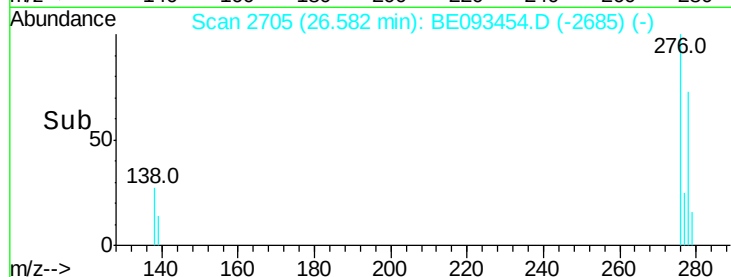
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BE093454.D
 Acq: 13 Jul 2017 12:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 44940
 Ion Ratio Lower Upper
 276 100
 138 28.8 27.4 41.2
 277 24.9 20.1 30.1

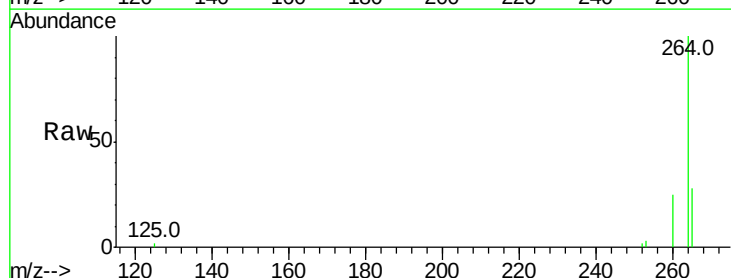


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

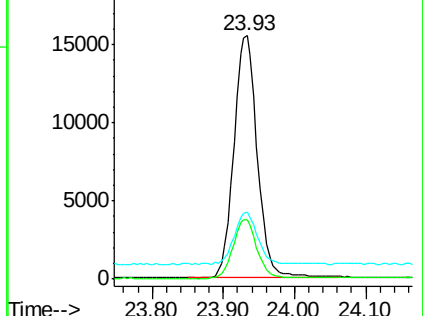
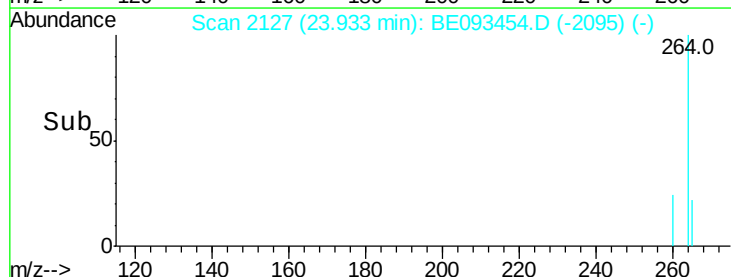


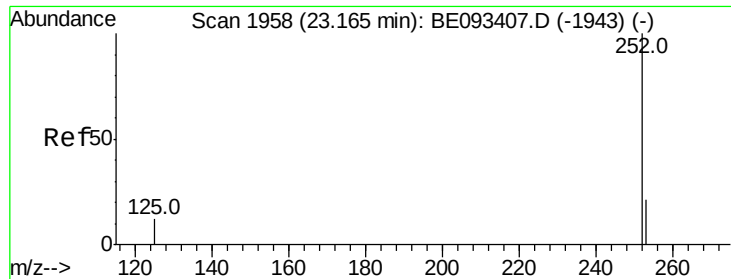
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093454.D
 Acq: 13 Jul 2017 12:10

Tgt Ion:264 Resp: 35613
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.0 31.4
 265 27.6 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: 0.390 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

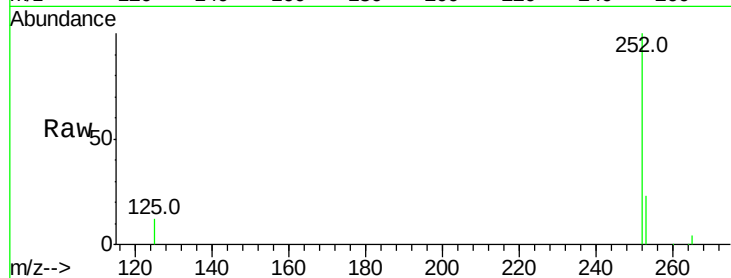
Tot Ion:252 Resp: 44796

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

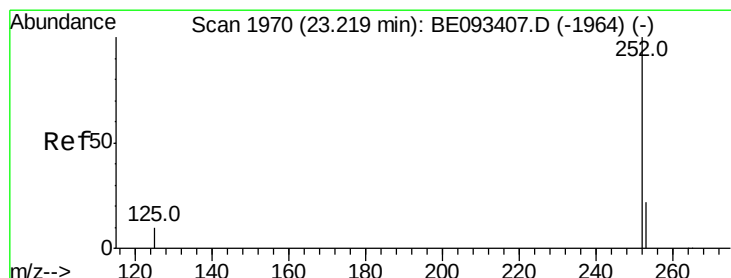
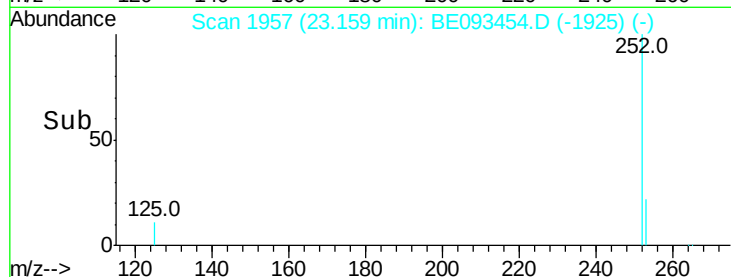
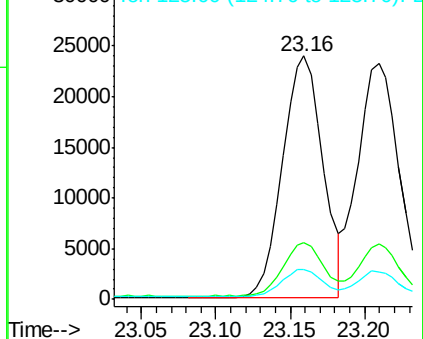
125 12.2 13.4 20.0#



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: 0.399 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

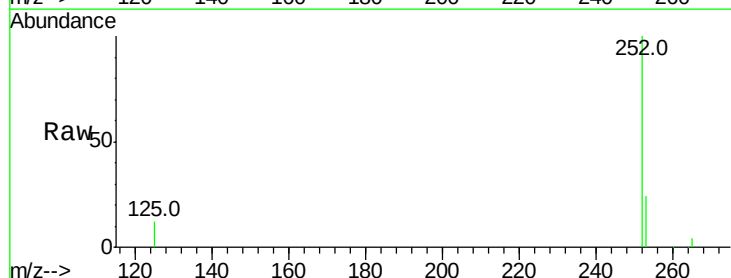
Tgt Ion:252 Resp: 45347

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

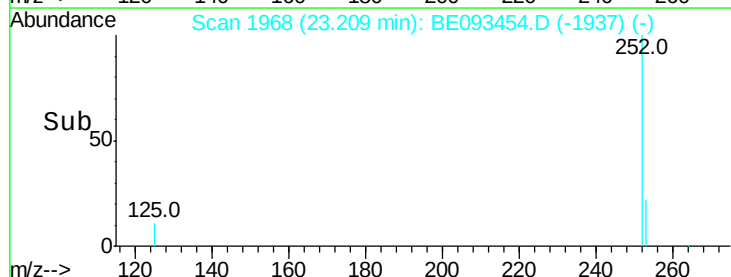
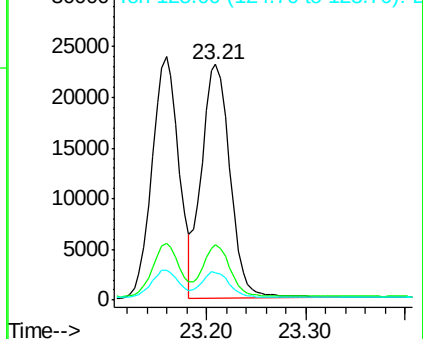
125 11.8 12.2 18.4#

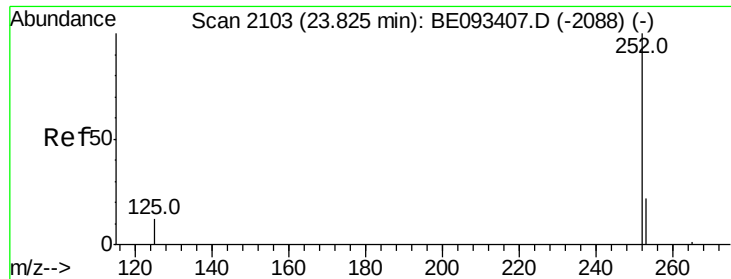


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.82 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :

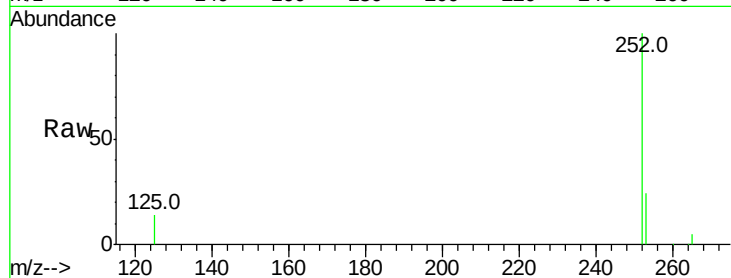
Tot Ion:252 Resp: 37571

Ion Ratio Lower Upper

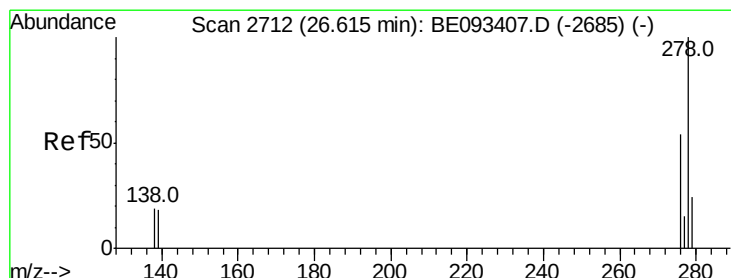
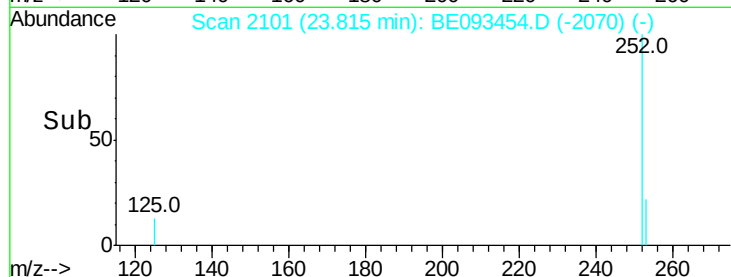
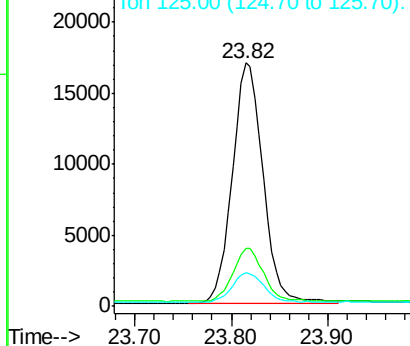
252 100

253 23.6 19.9 29.9

125 14.0 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: 0.389 ng

RT: 26.60 min Scan# 2708

Delta R.T. -0.02 min

Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

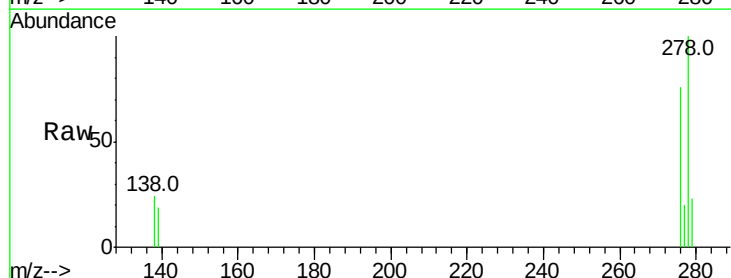
Tgt Ion:278 Resp: 38061

Ion Ratio Lower Upper

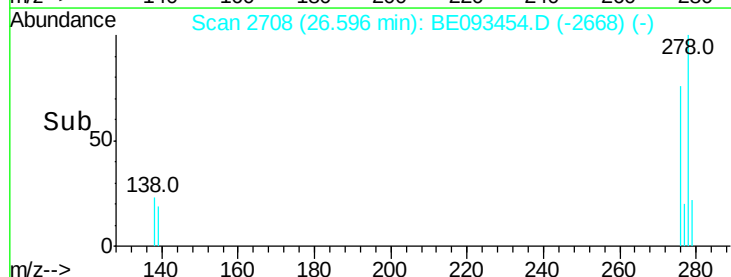
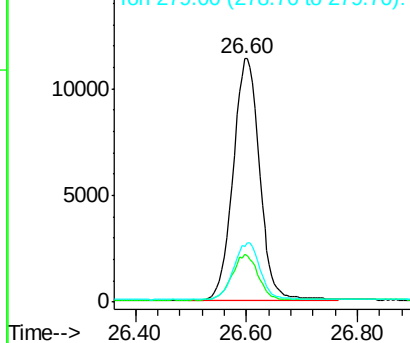
278 100

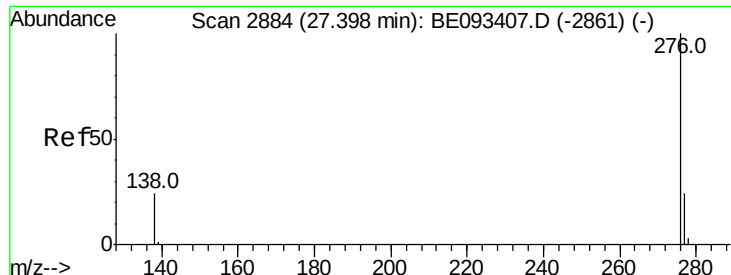
139 19.5 21.4 32.0#

279 23.0 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: 0.390 ng

RT: 27.38 min Scan# 2881

Delta R.T. -0.01 min

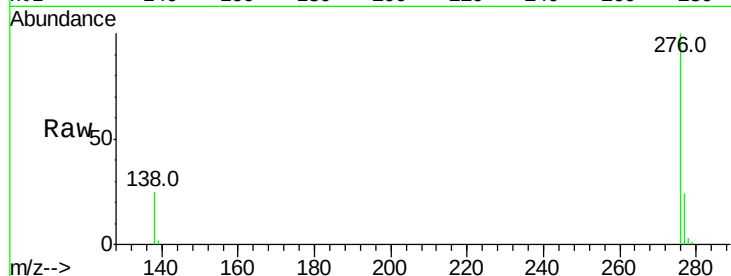
Lab File: BE093454.D

Acq: 13 Jul 2017 12:10

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 38551

Ion Ratio Lower Upper

276 100

277 23.6 21.2 31.8

138 24.9 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

