

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093465.D
 Acq On : 14 Jul 2017 11:04
 Operator : SJ/JU
 Sample : PB100626BS
 Misc : LOO 0.2 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100626BS

Quant Time: Jul 17 01:26:27 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	5423	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22576	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10686	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	18805	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35887	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32885	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	5063	0.31	ng	0.00
5) Phenol-d6	7.10	99	6817	0.28	ng	0.00
8) Nitrobenzene-d5	9.08	82	5436	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10081	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	593	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	14032	0.34	ng	0.00
25) Fluoranthene-d10	19.28	212	92911	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	17004	0.27	ng	0.00

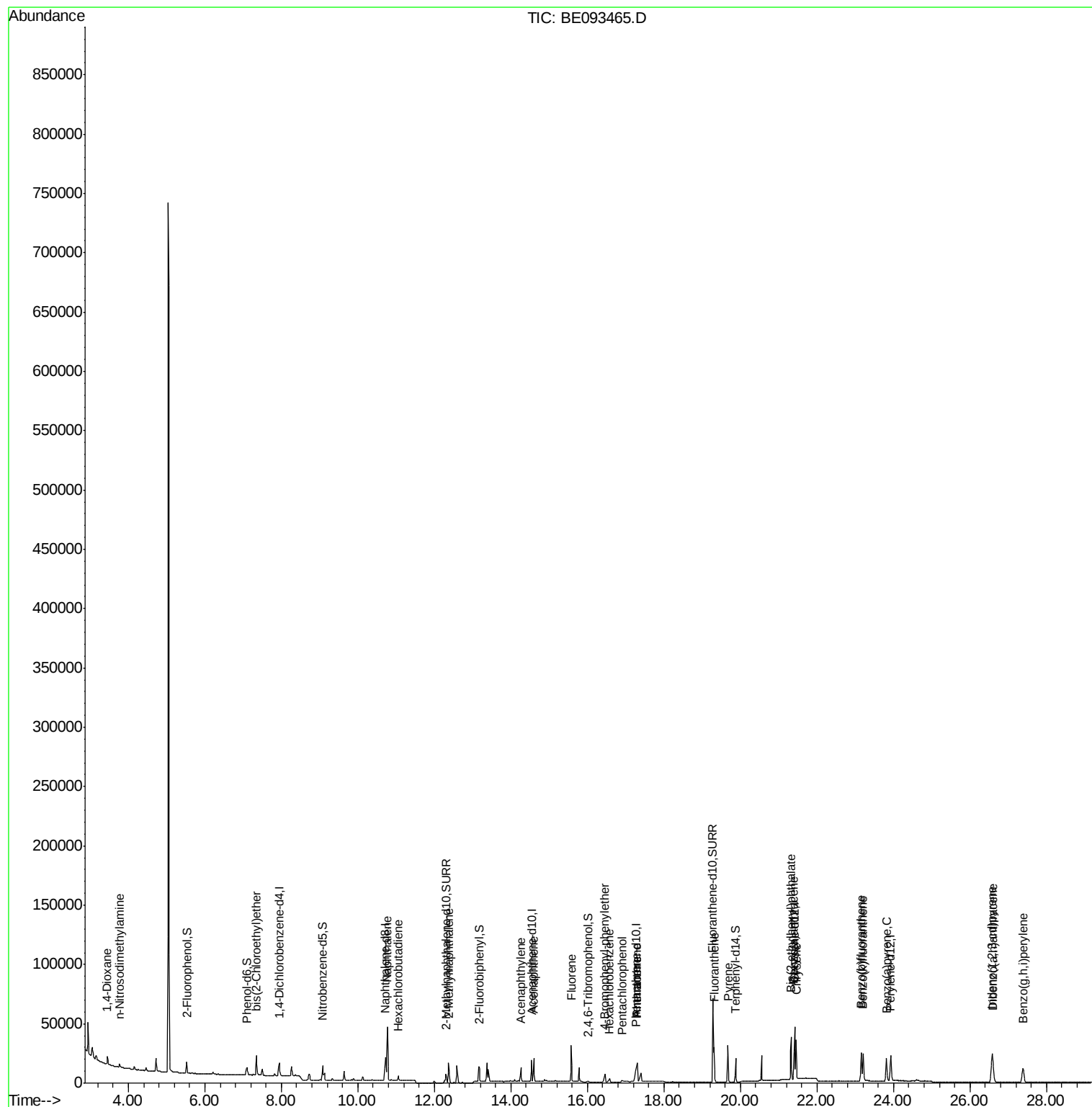
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	3943	0.343	ng	# 37
3) n-Nitrosodimethylamine	3.76	42	2152	0.381	ng	# 89
6) bis(2-Chloroethyl)ether	7.35	93	5786	0.319	ng	# 96
9) Naphthalene	10.77	128	72543	0.307	ng	# 73
10) Hexachlorobutadiene	11.06	225	2787	0.311	ng	98
12) 2-Methylnaphthalene	12.38	142	11720	0.295	ng	97
16) Acenaphthylene	14.26	152	13710	0.308	ng	# 86
17) Acenaphthene	14.60	154	9984	0.306	ng	99
18) Fluorene	15.58	166	12586	0.281	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	5012	0.486	ng	# 3
21) Hexachlorobenzene	16.58	284	4659	0.419	ng	# 100
22) Pentachlorophenol	16.91	266	1566	1.014	ng	# 77
23) Phenanthrene	17.30	178	24463	0.358	ng	96
24) Anthracene	17.30	178	25398	0.606	ng	96
26) Fluoranthene	19.31	202	26967	0.420	ng	99
28) Pyrene	19.67	202	28029	0.278	ng	# 98
30) Benzo(a)anthracene	21.40	228	31477	0.325	ng	95
31) Chrysene	21.46	228	33249	0.328	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	39515	0.283	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.57	276	35335	0.397	ng	95
35) Benzo(b)fluoranthene	23.16	252	33609	0.316	ng	96
36) Benzo(k)fluoranthene	23.21	252	33617	0.320	ng	95
37) Benzo(a)pyrene	23.81	252	31112	0.334	ng	94
38) Dibenzo(a,h)anthracene	26.60	278	30288	0.335	ng	# 90
39) Benzo(g,h,i)perylene	27.38	276	30445	0.334	ng	92

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
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Quant Time: Jul 17 01:26:27 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

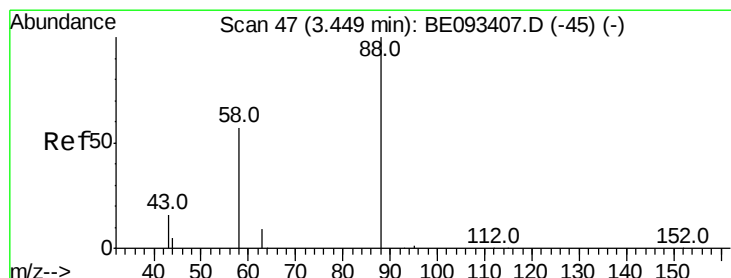
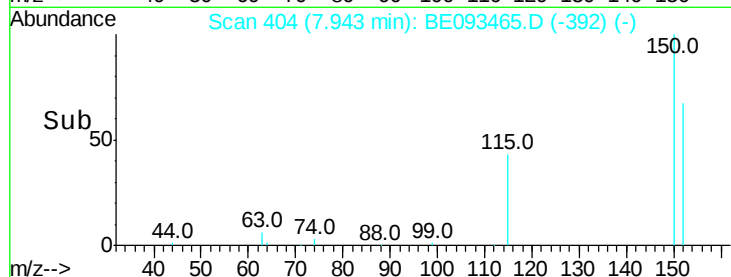
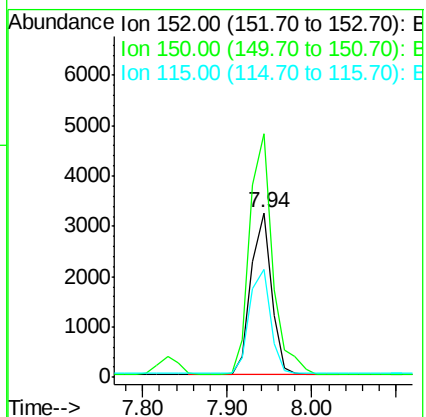
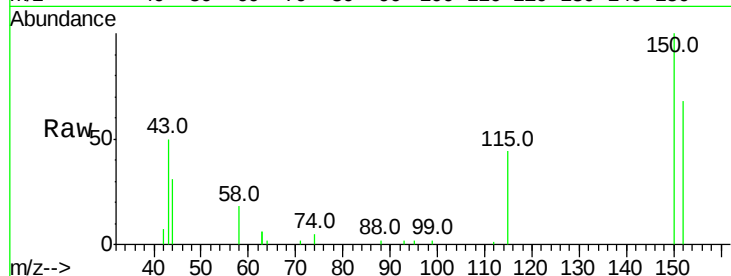
Tot Ion:152 Resp: 5423

Ion Ratio Lower Upper

152 100

150 148.1 125.1 187.7

115 65.7 55.7 83.5



#2

1,4-Dioxane

Concen: 0.343 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

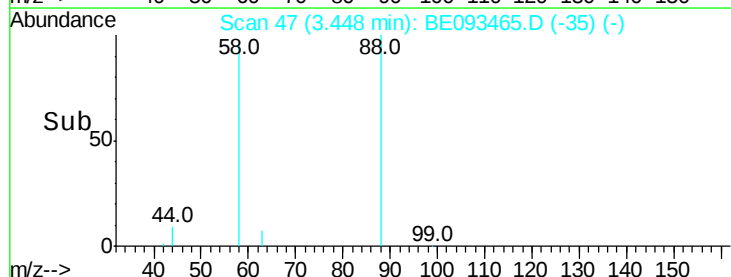
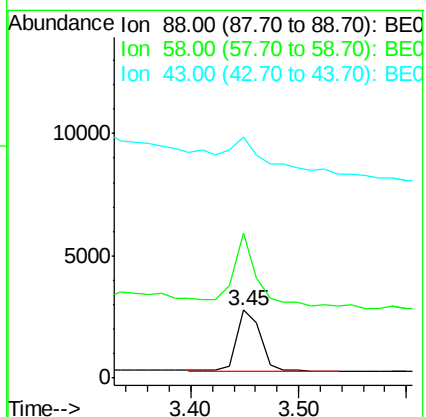
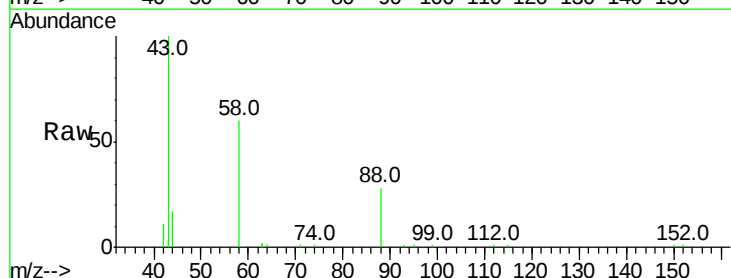
Tgt Ion: 88 Resp: 3943

Ion Ratio Lower Upper

88 100

58 113.8 62.2 93.4#

43 94.0 23.2 34.8#



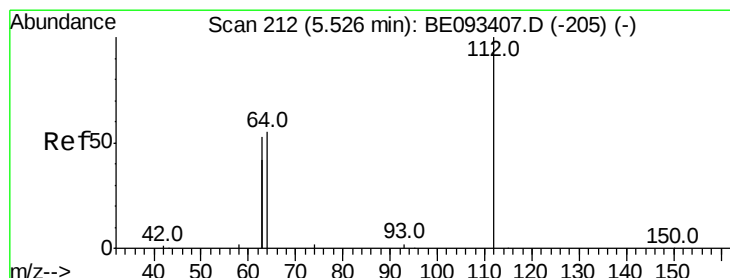
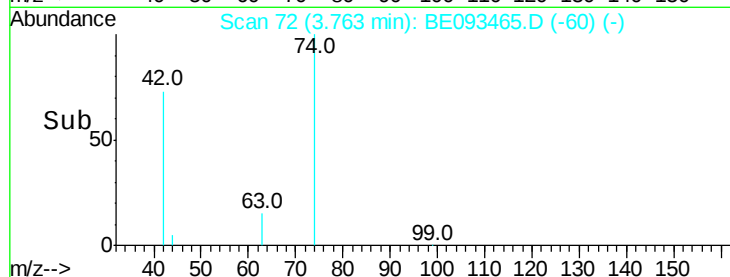
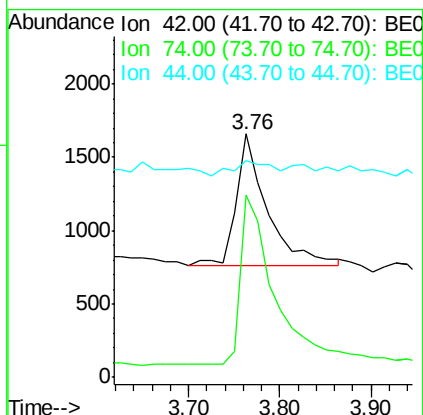
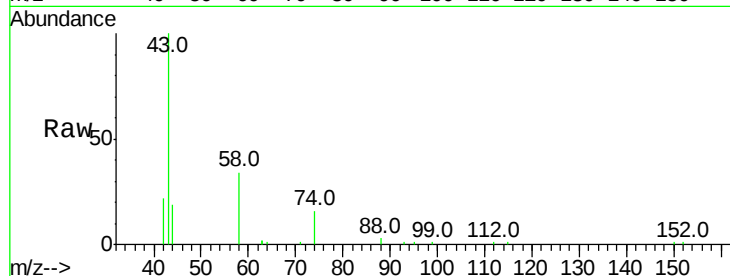


#3

n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.76 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Instrument :
 BNA_E
 ClientSampleId :
 PB100626BS

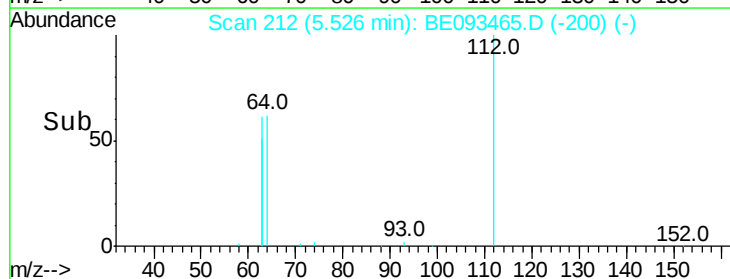
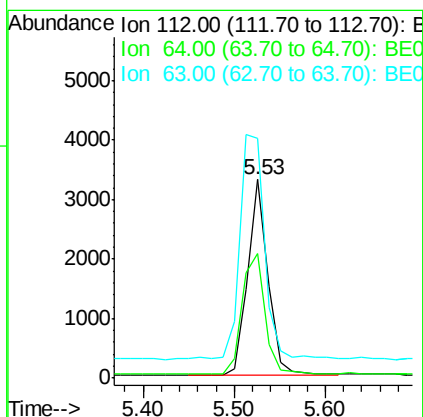
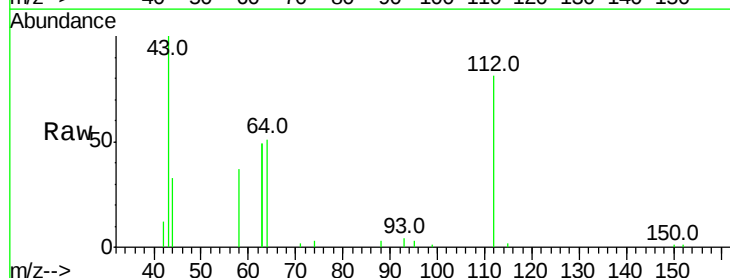
Tot Ion: 42 Resp: 2152
 Ion Ratio Lower Upper
 42 100
 74 136.2 99.1 148.7
 44 13.5 7.4 11.2#

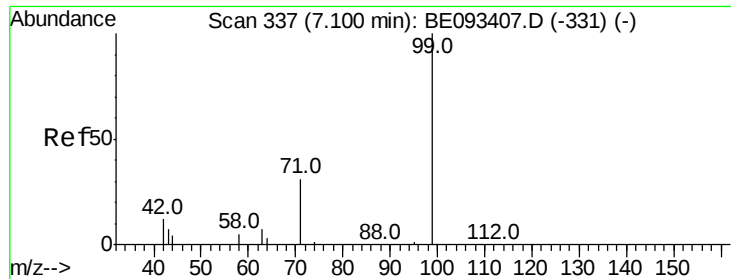


#4

2-Fluorophenol
 Concen: 0.309 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Tgt Ion: 112 Resp: 5063
 Ion Ratio Lower Upper
 112 100
 64 69.7 56.4 84.6
 63 142.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.282 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

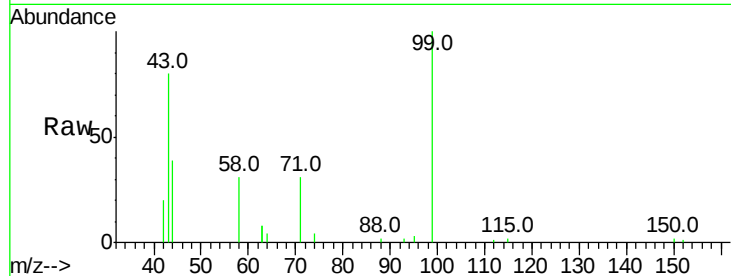
Tot Ion: 99 Resp: 6817

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

71 32.9 0.0 0.0#

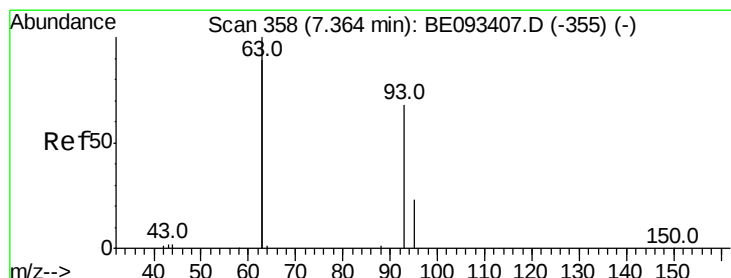
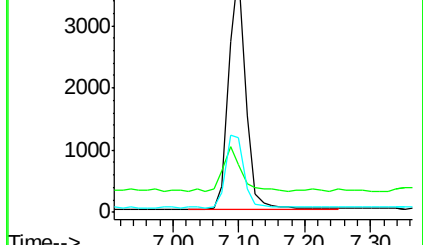
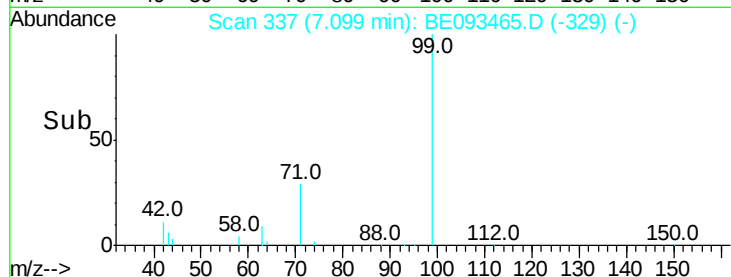


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.319 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

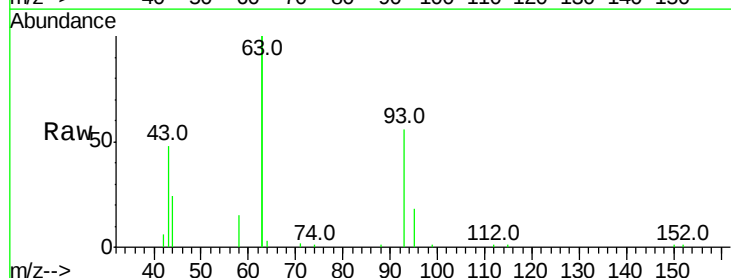
Tgt Ion: 93 Resp: 5786

Ion Ratio Lower Upper

93 100

63 342.8 0.0 0.0#

95 34.2 25.4 38.0

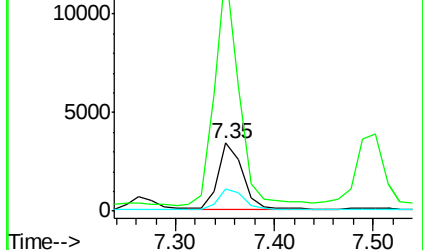
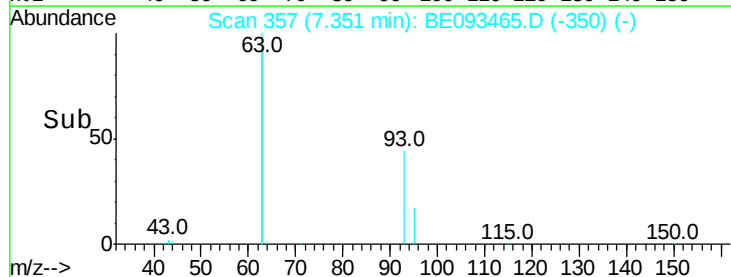


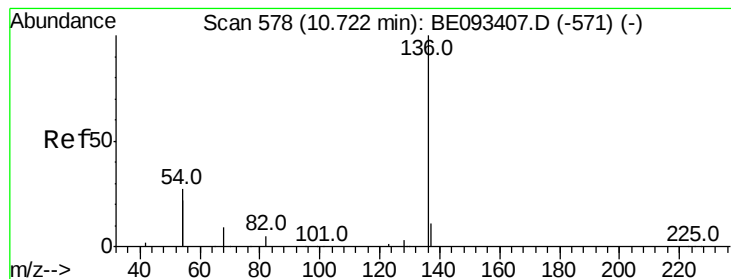
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

Tot Ion:136 Resp: 22576

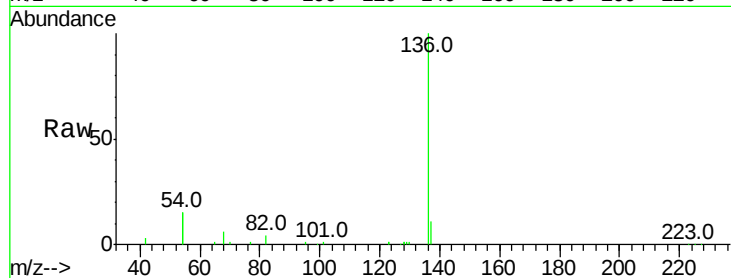
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 29.5 10.3 15.5#

68 5.9 9.0 13.4#

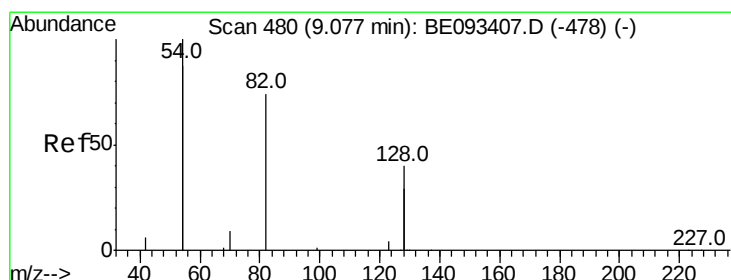
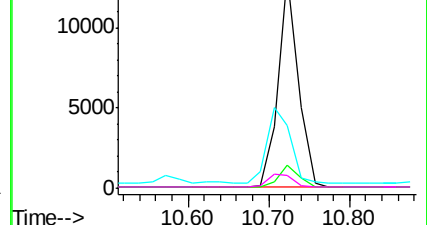
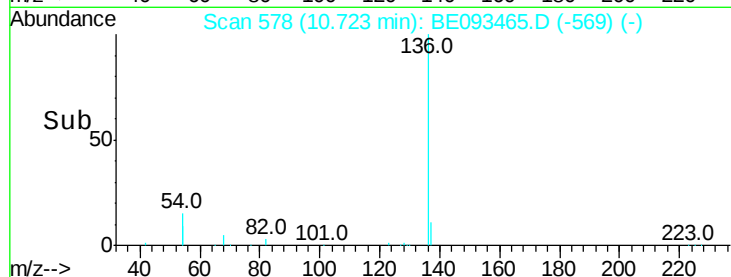


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

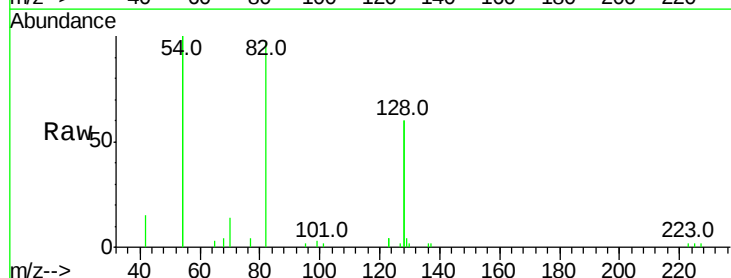
Tgt Ion: 82 Resp: 5436

Ion Ratio Lower Upper

82 100

128 124.0 17.0 25.4#

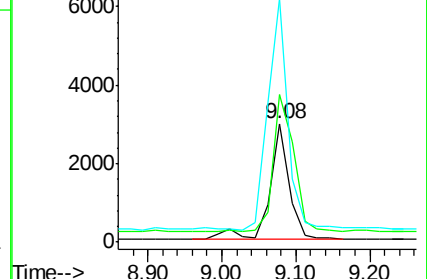
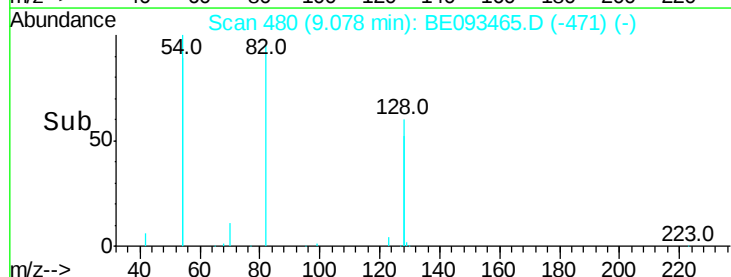
54 205.2 53.8 80.6#

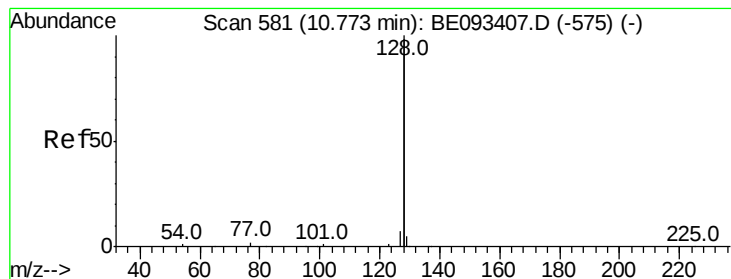


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.307 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampled :

PB100626BS

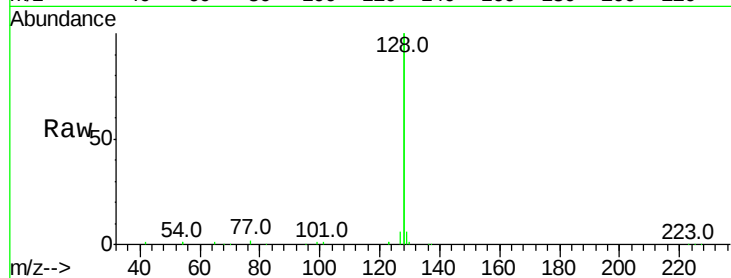
Tot Ion:128 Resp: 72543

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

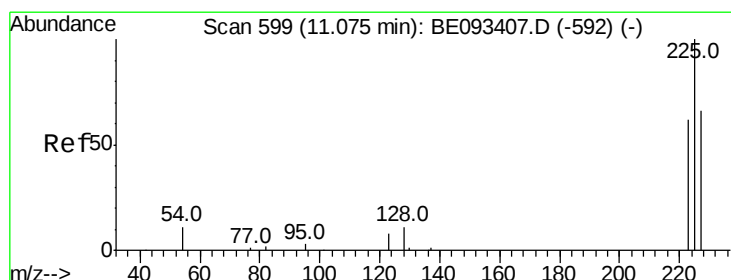
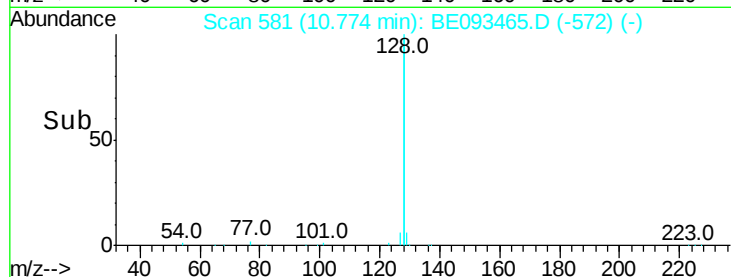
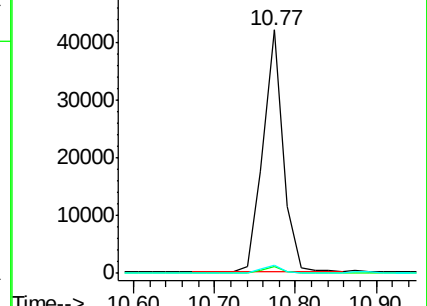
127 3.2 11.2 16.8#



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: 0.311 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

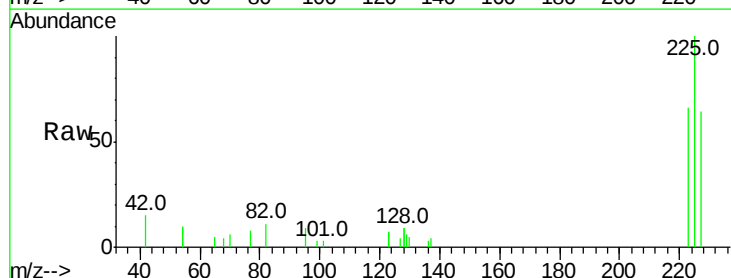
Tgt Ion:225 Resp: 2787

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

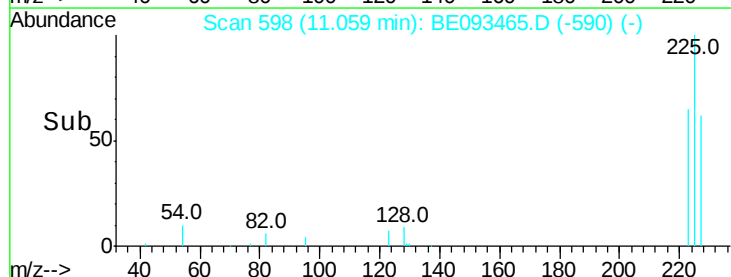
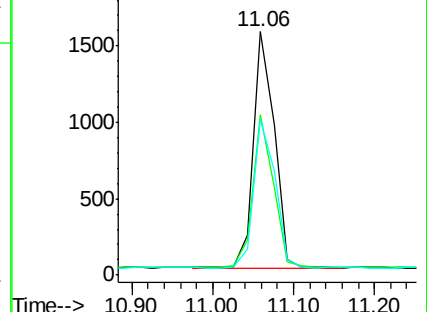
227 64.9 50.3 75.5

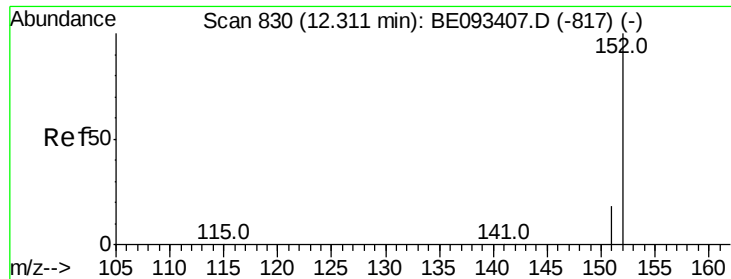


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

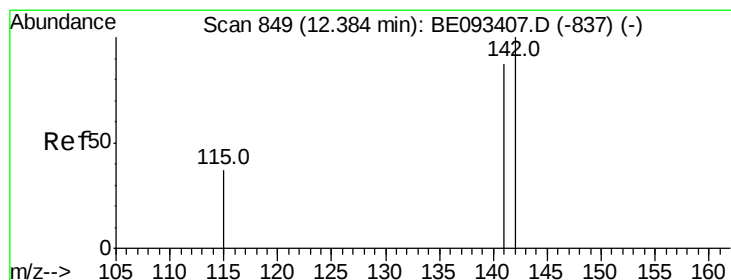
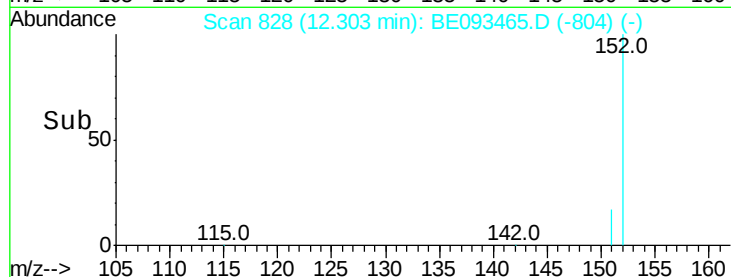
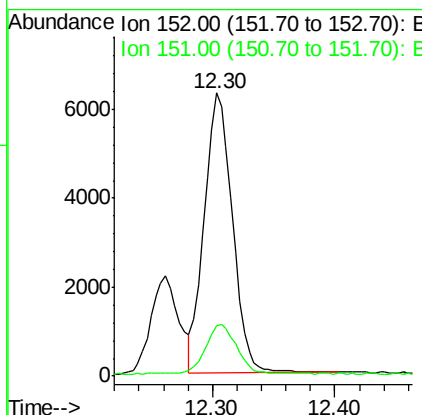
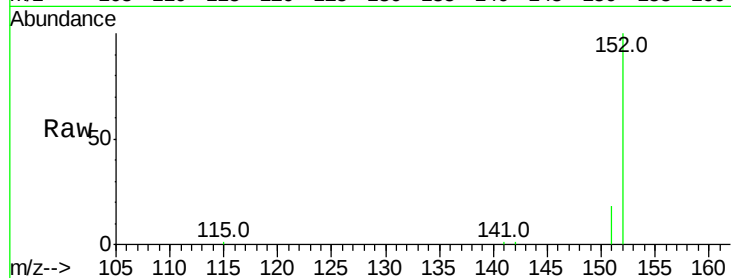




#11
 2-Methylnaphthalene-d10
 Concen: 0.280 ng
 RT: 12.30 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

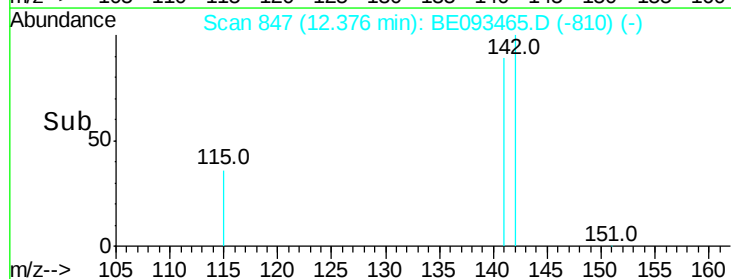
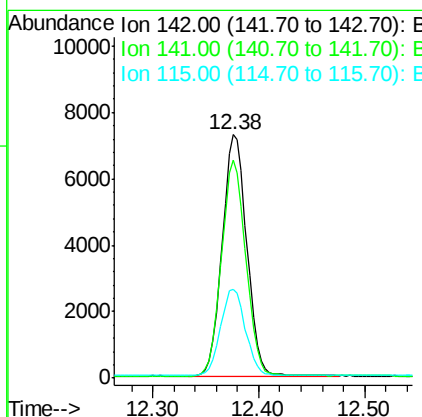
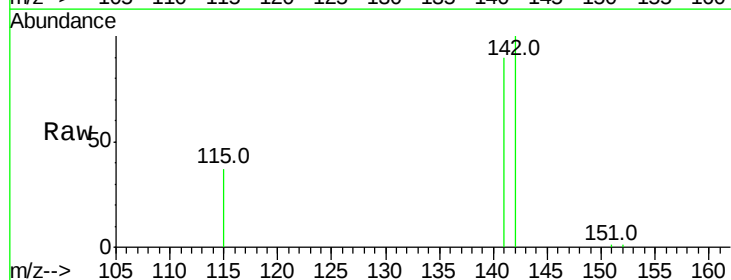
Instrument :
 BNA_E
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 PB100626BS

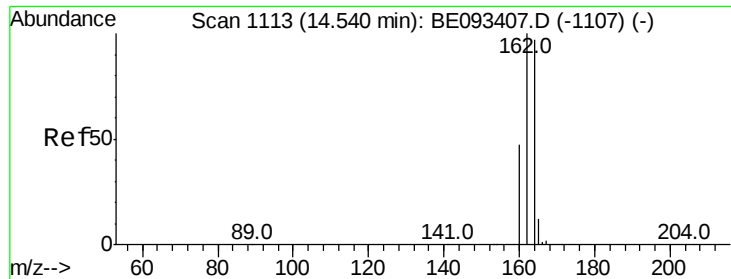
Tot Ion:152 Resp: 10081
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.295 ng
 RT: 12.38 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Tgt Ion:142 Resp: 11720
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 108.8
 115 36.6 32.2 48.2

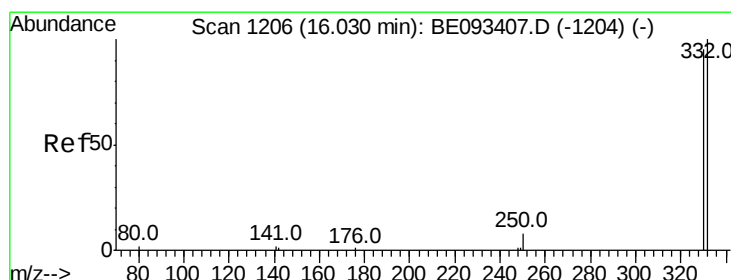
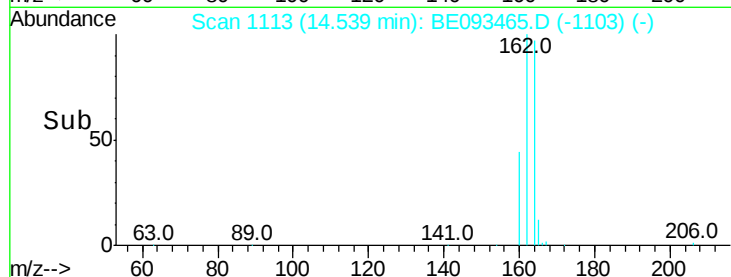
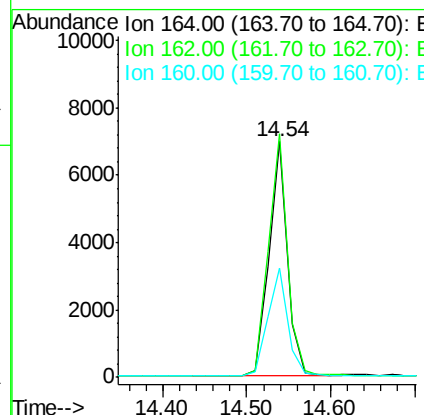
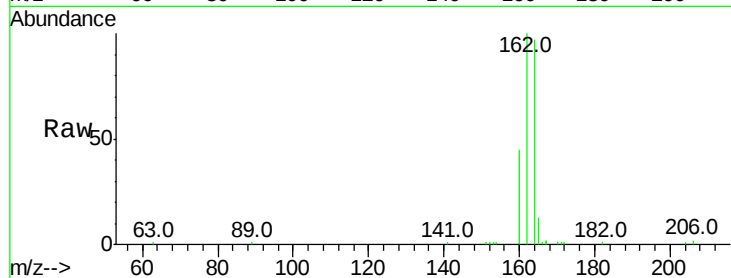




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

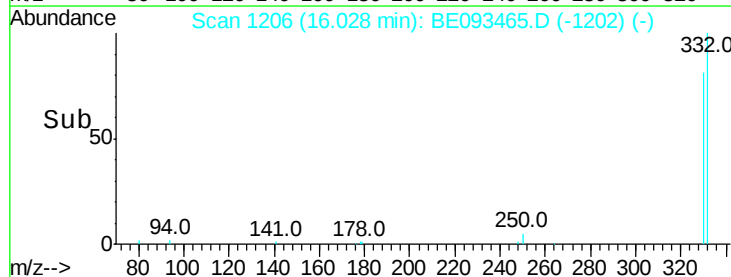
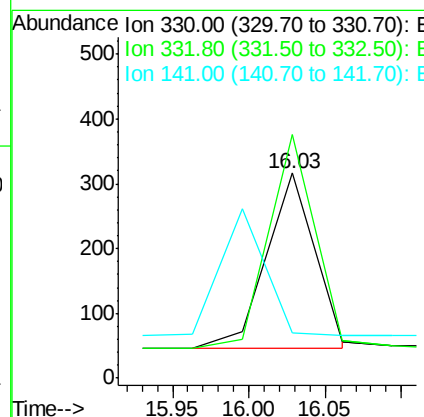
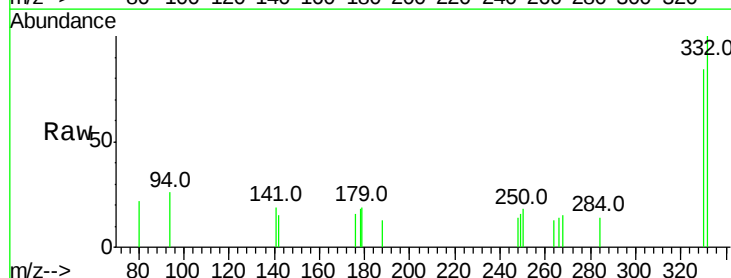
Instrument :
 BNA_E
 ClientSampleId :
 PB100626BS

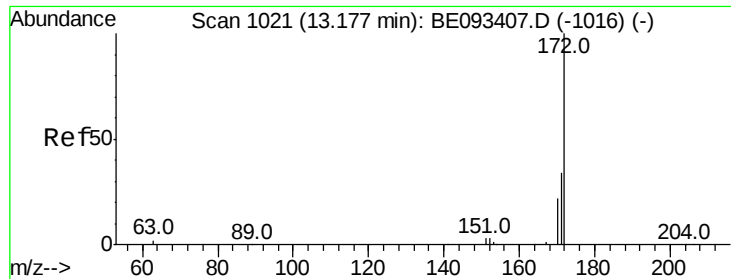
Tot Ion:164 Resp: 10686
 Ion Ratio Lower Upper
 164 100
 162 103.3 84.6 127.0
 160 46.3 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.177 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Tgt Ion:330 Resp: 593
 Ion Ratio Lower Upper
 330 100
 332 117.7 77.7 116.5#
 141 0.0 56.2 84.4#

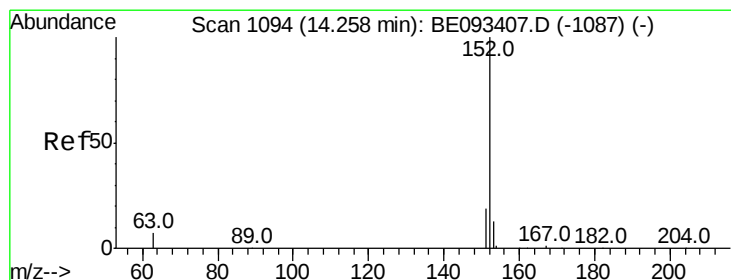
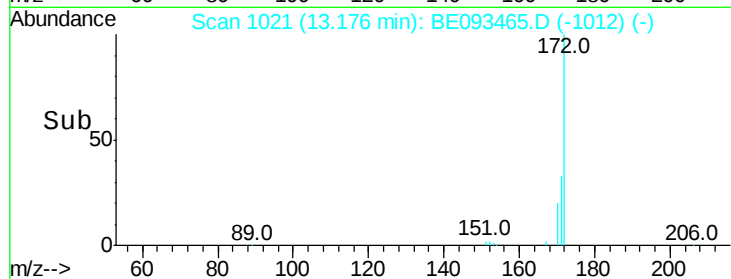
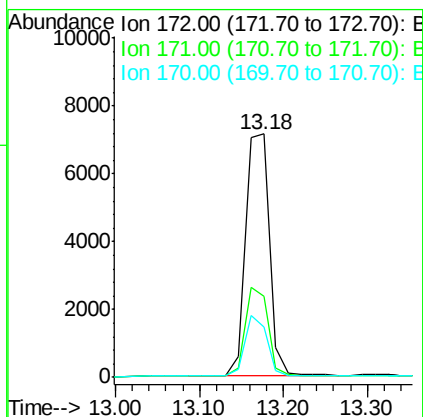
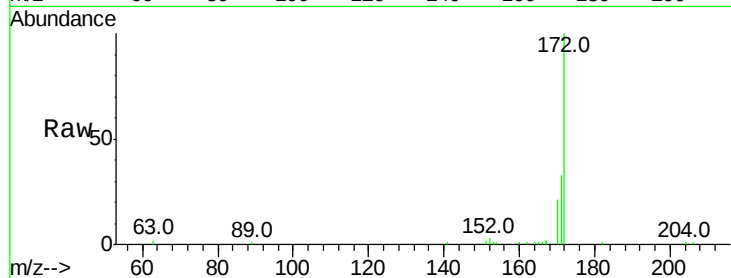




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

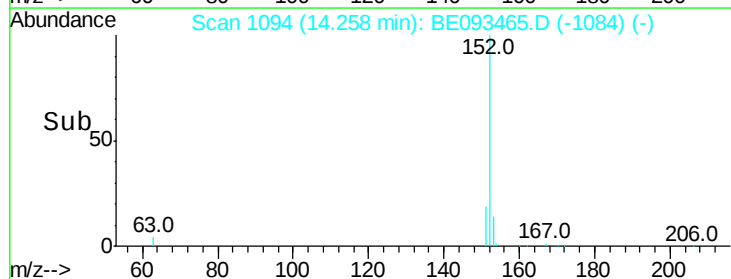
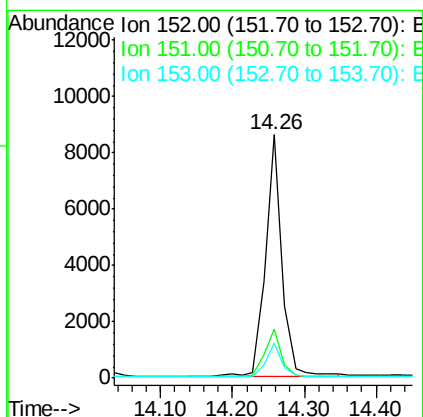
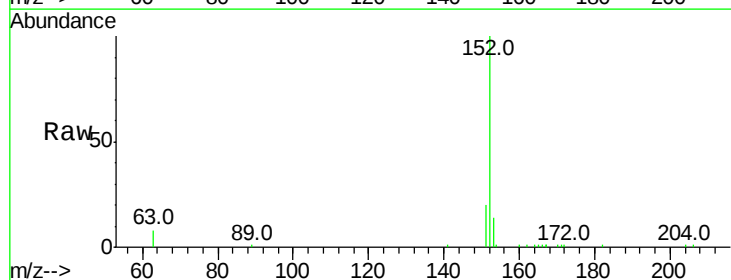
Instrument :
BNA_E
ClientSampleId :
PB100626BS

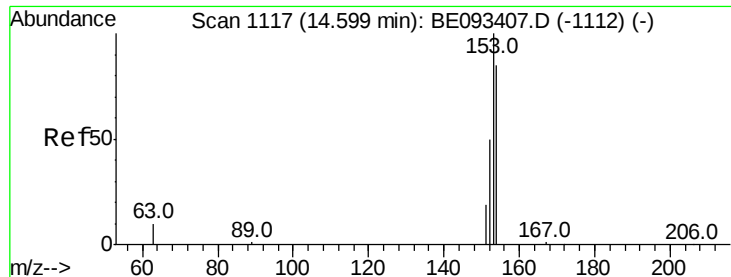
Tot Ion:172 Resp: 14032
Ion Ratio Lower Upper
172 100
171 33.3 29.8 44.6
170 20.7 20.7 31.1#



#16
Acenaphthylene
Concen: 0.308 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:152 Resp: 13710
Ion Ratio Lower Upper
152 100
151 19.7 4.0 6.0#
153 13.6 10.3 15.5





#17

Acenaphthene

Concen: 0.306 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

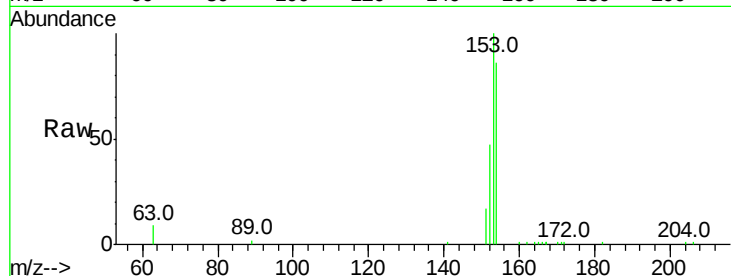
Tot Ion:154 Resp: 9984

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

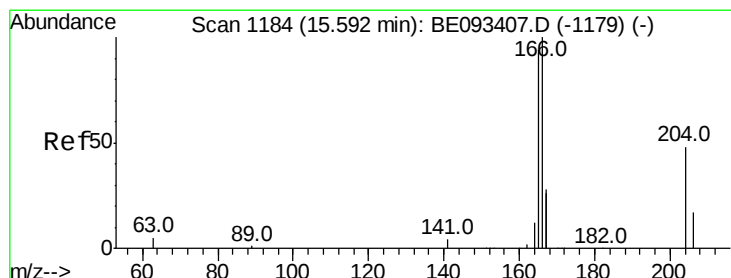
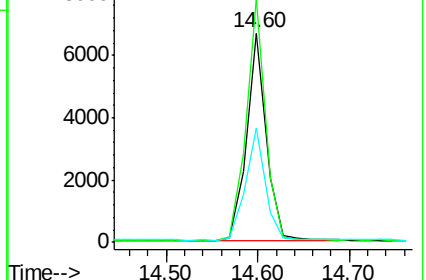
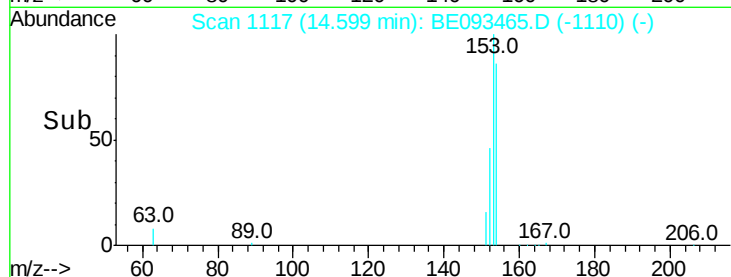
152 55.1 44.8 67.2



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: 0.281 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

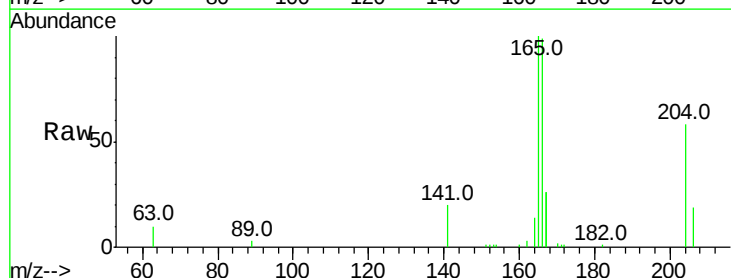
Tgt Ion:166 Resp: 12586

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

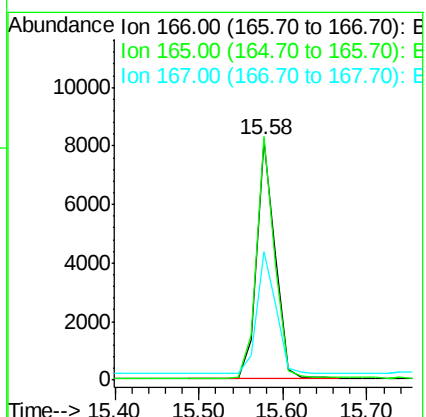
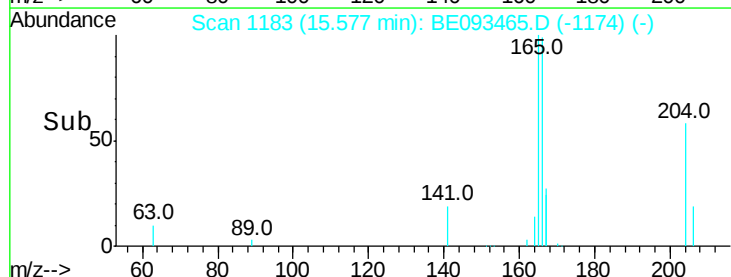
167 53.2 11.1 16.7#

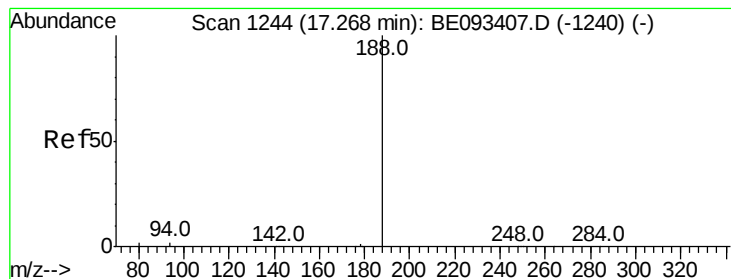


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

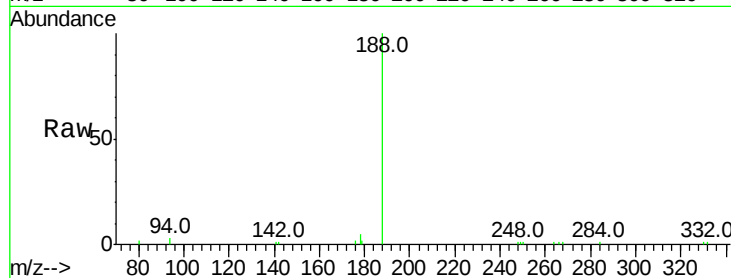
Tot Ion:188 Resp: 18805

Ion Ratio Lower Upper

188 100

94 3.0 11.3 16.9#

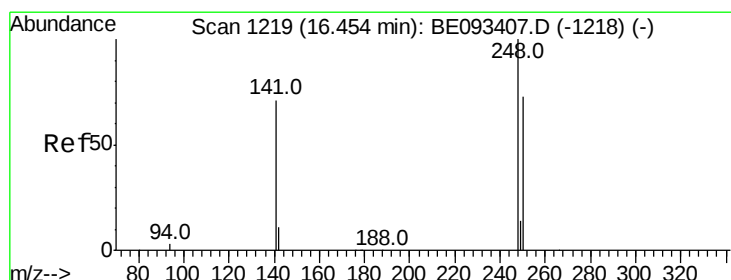
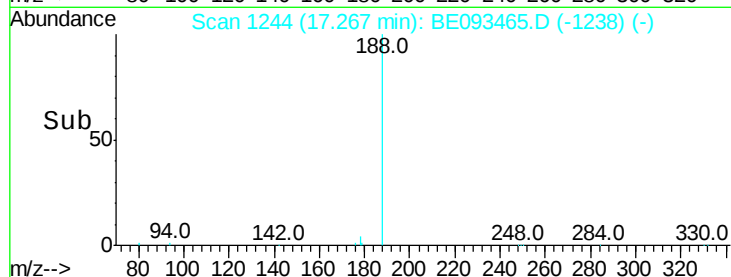
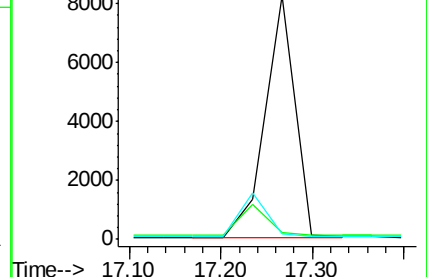
80 2.3 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.486 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

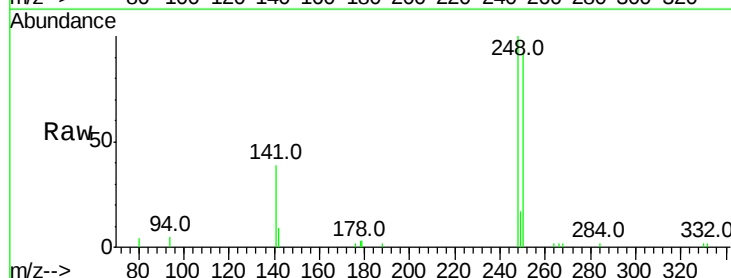
Tgt Ion:248 Resp: 5012

Ion Ratio Lower Upper

248 100

250 91.7 40.8 61.2#

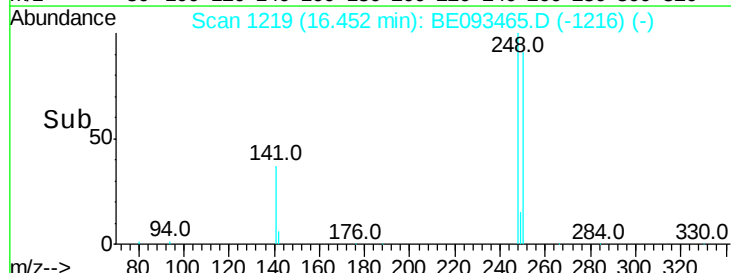
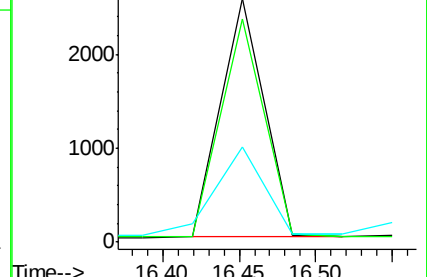
141 39.0 161.6 242.4#

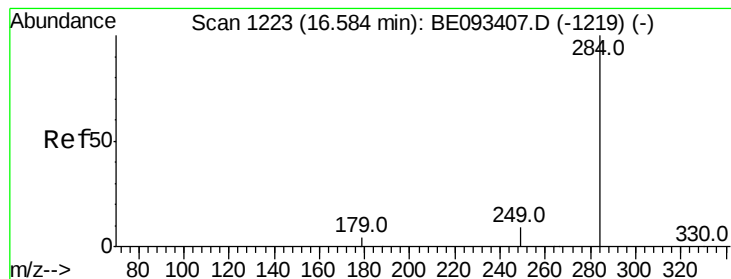


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

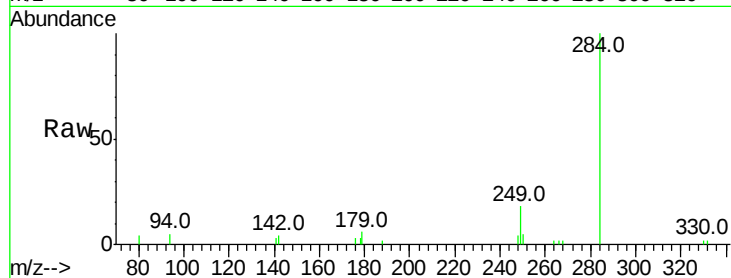
Tot Ion:284 Resp: 4659

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

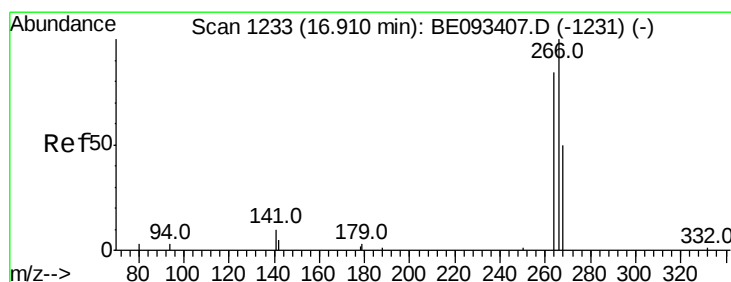
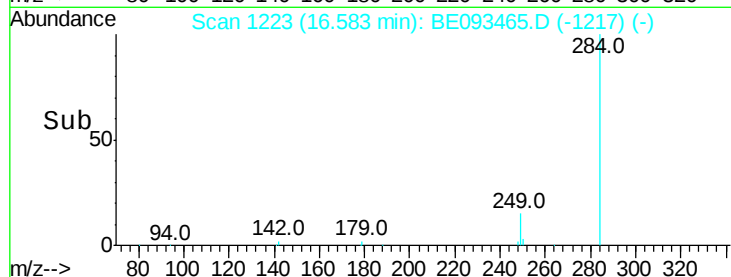
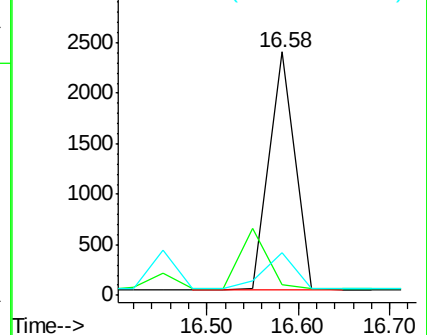
249 18.3 0.0 0.0#



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: 1.014 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

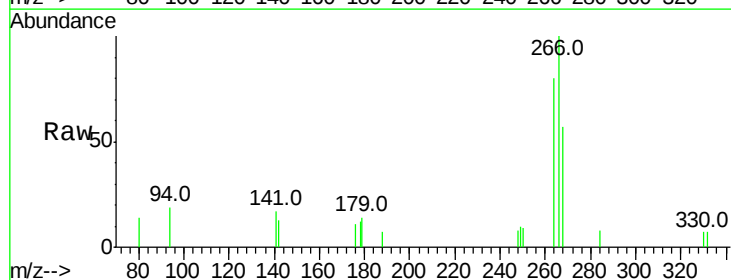
Tgt Ion:266 Resp: 1566

Ion Ratio Lower Upper

266 100

264 79.6 58.2 87.2

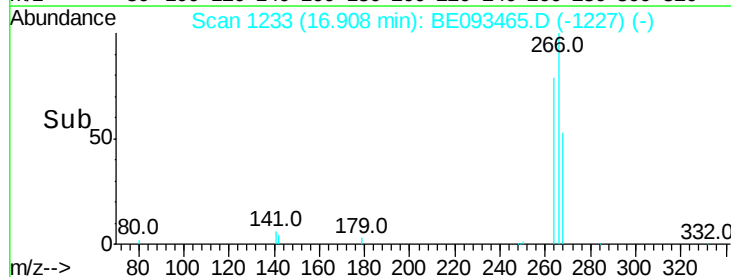
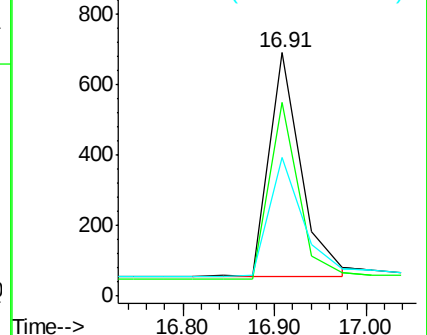
268 56.8 71.9 107.9#

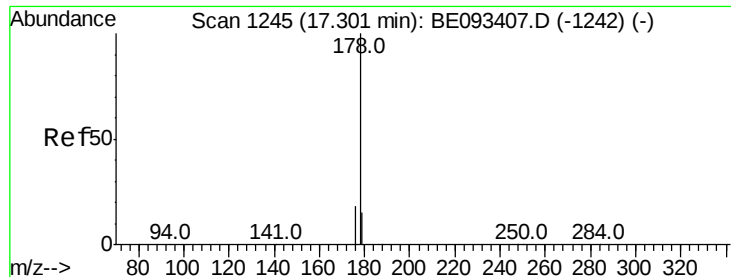


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.358 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

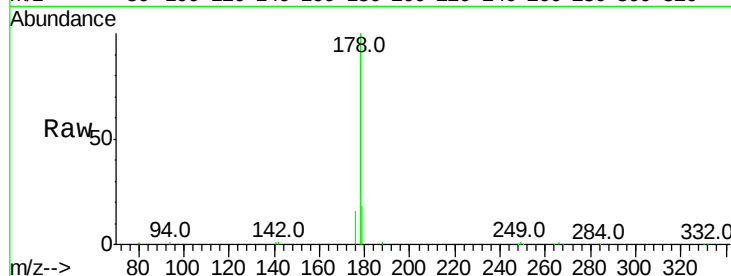
Tot Ion:178 Resp: 24463

Ion Ratio Lower Upper

178 100

176 16.4 15.0 22.4

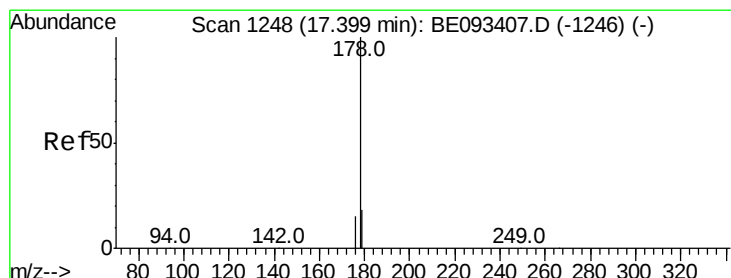
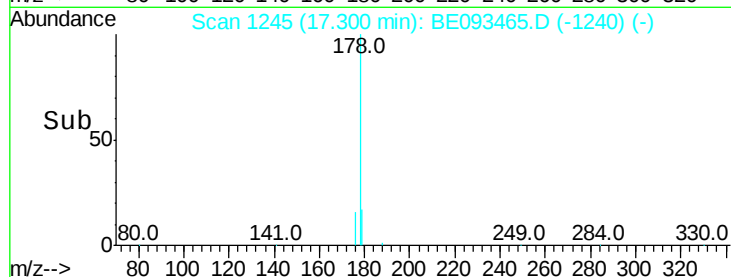
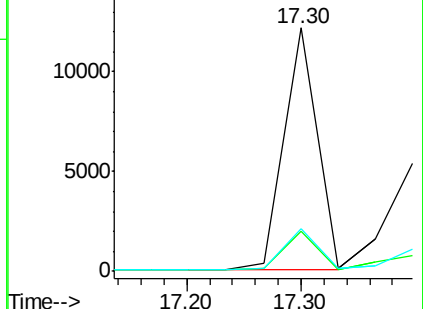
179 17.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.606 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

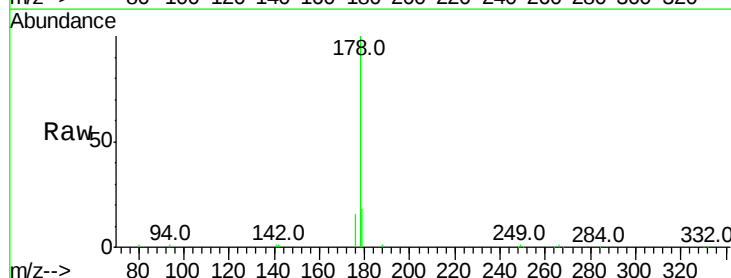
Tgt Ion:178 Resp: 25398

Ion Ratio Lower Upper

178 100

176 16.0 14.6 22.0

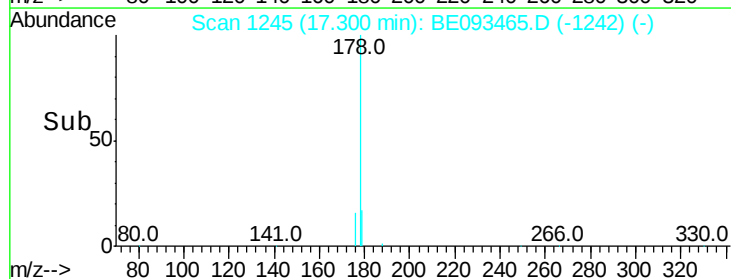
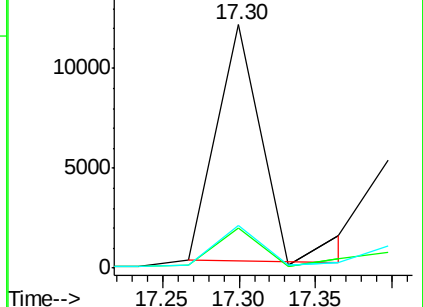
179 16.3 12.0 18.0

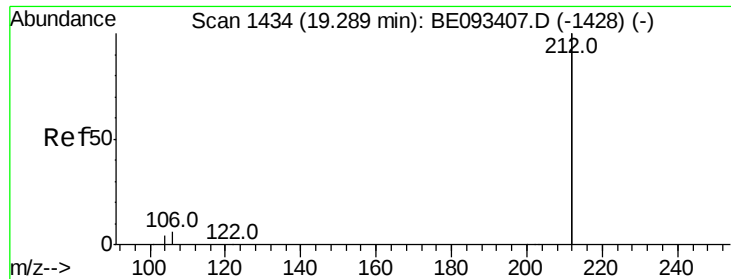


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

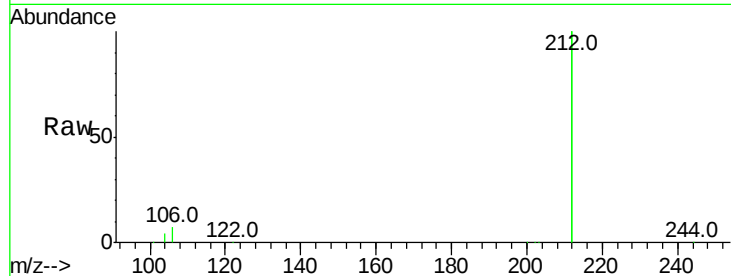
Tot Ion:212 Resp: 92911

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

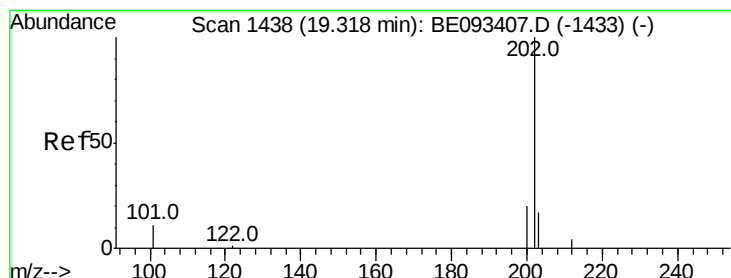
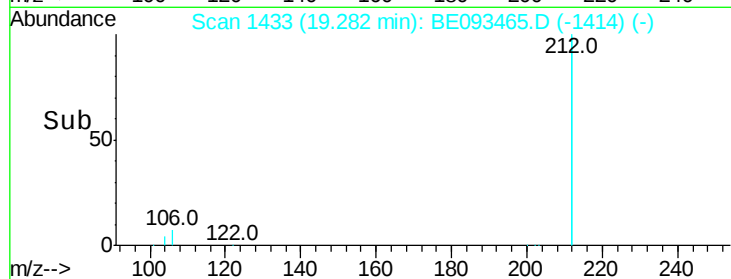
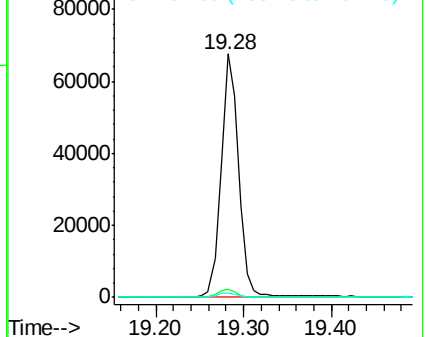
104 1.9 1.6 2.4



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: 0.420 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

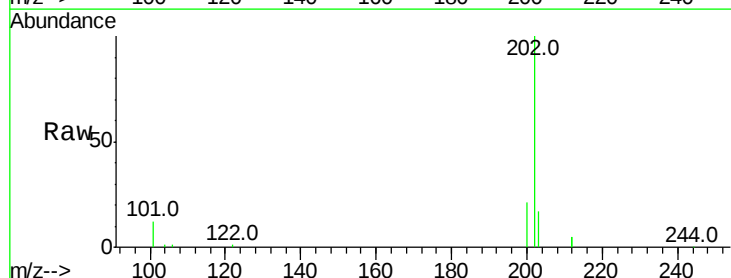
Tgt Ion:202 Resp: 26967

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

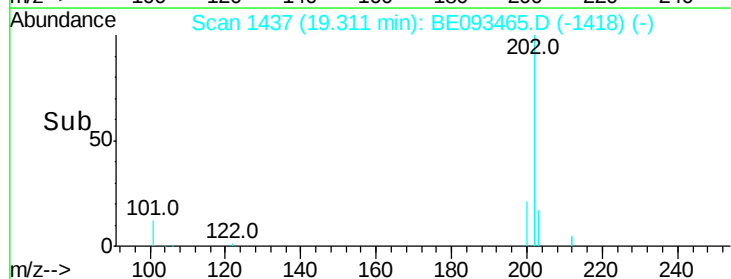
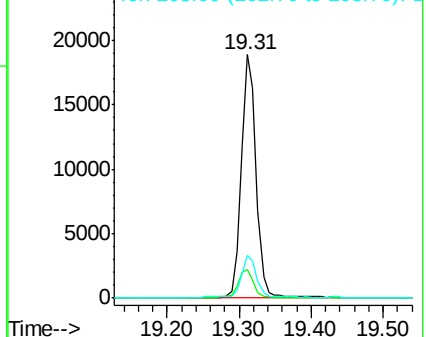
203 17.5 14.4 21.6

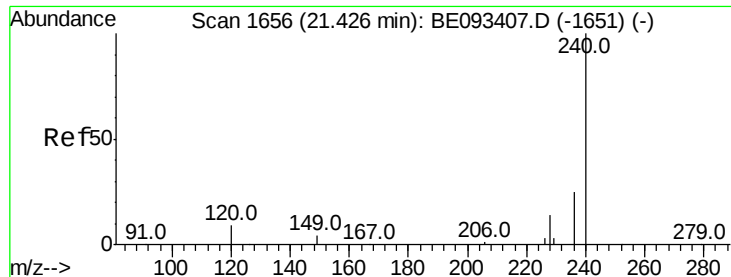


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

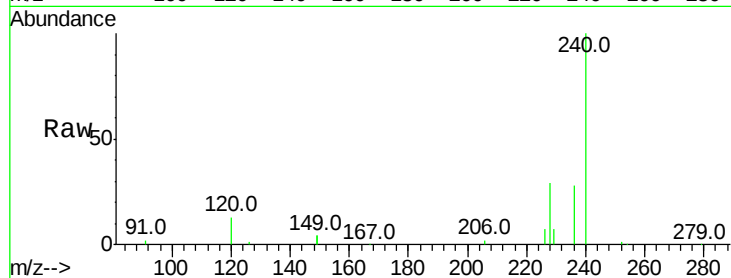
Tot Ion:240 Resp: 35887

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

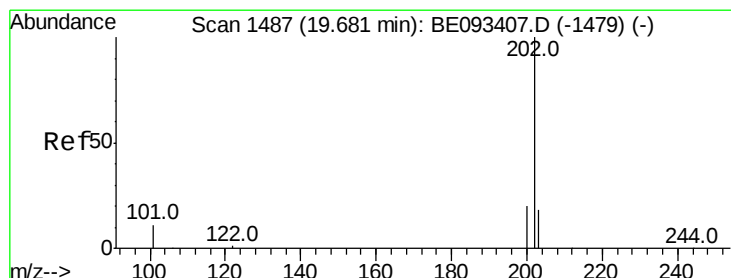
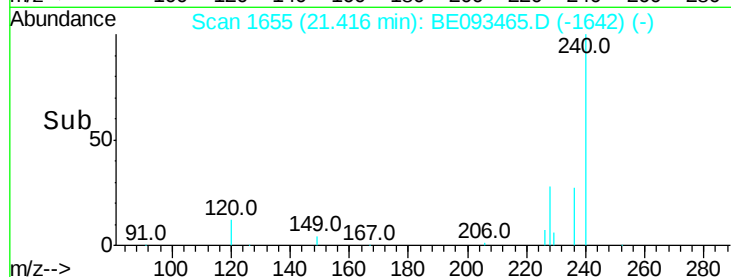
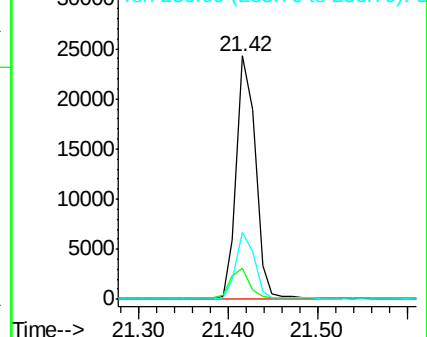
236 27.6 20.8 31.2



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: 0.278 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

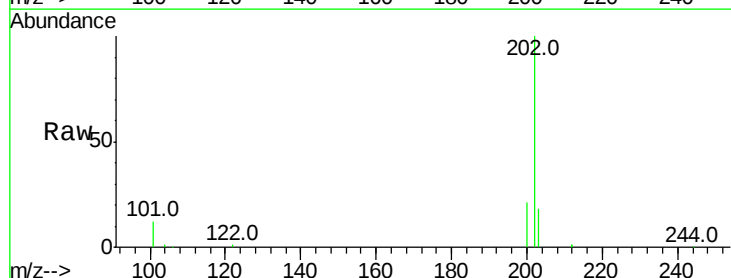
Tgt Ion:202 Resp: 28029

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

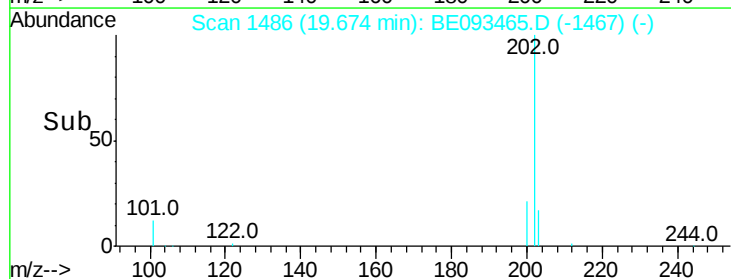
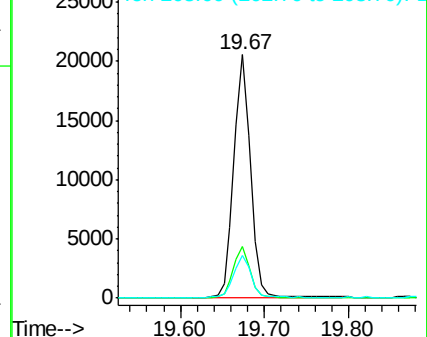
203 17.9 13.7 20.5

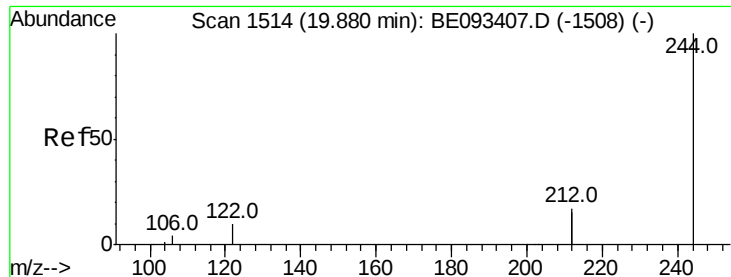


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.265 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

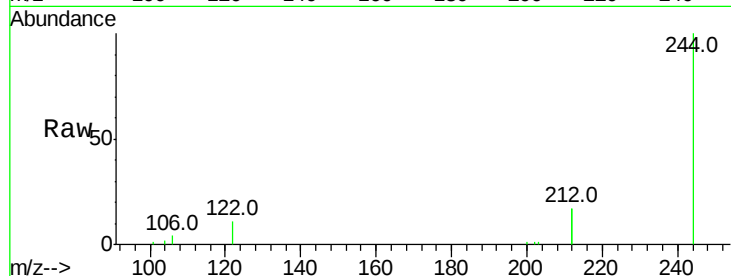
Tot Ion:244 Resp: 17004

Ion Ratio Lower Upper

244 100

212 33.4 10.6 16.0#

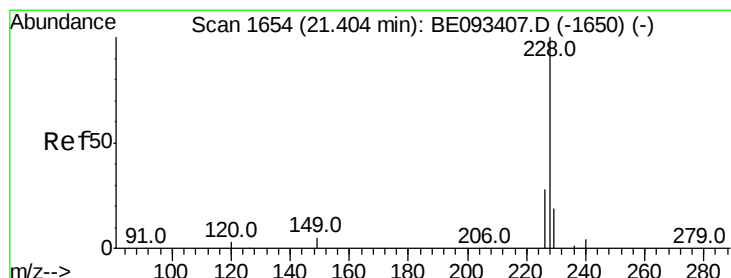
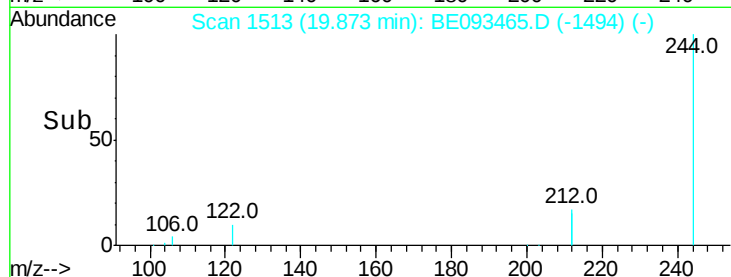
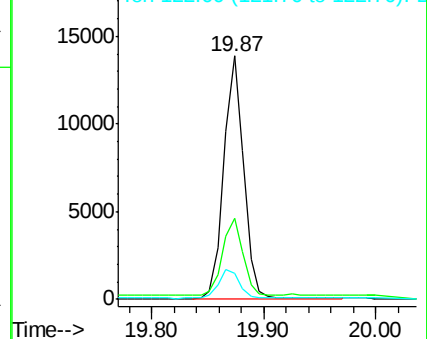
122 10.8 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.325 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

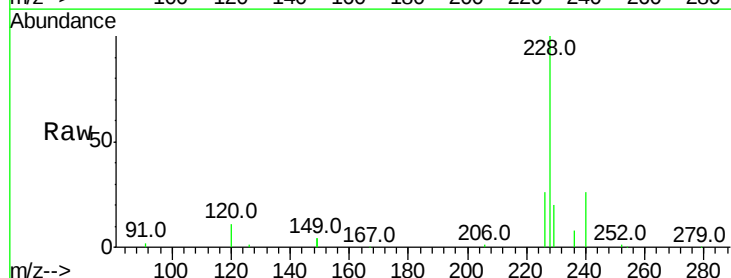
Tgt Ion:228 Resp: 31477

Ion Ratio Lower Upper

228 100

226 25.8 19.7 29.5

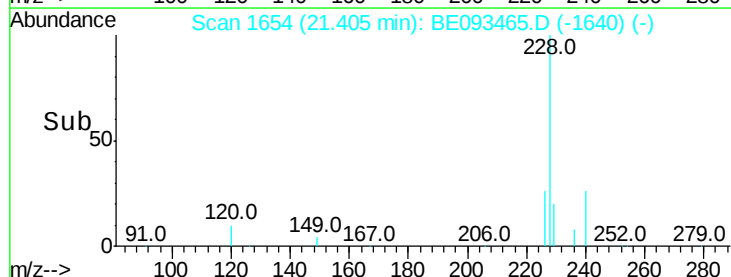
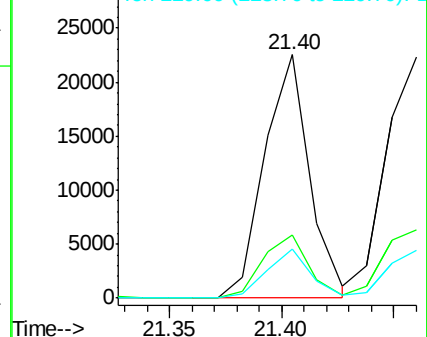
229 20.0 19.2 28.8

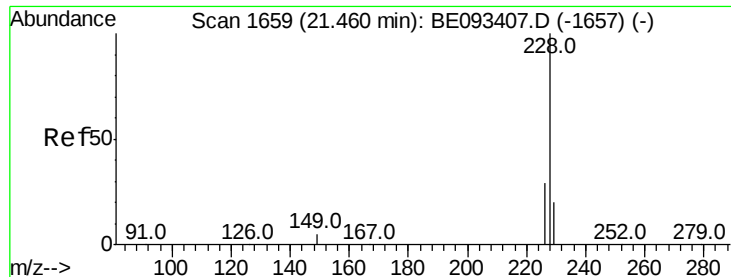


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.328 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

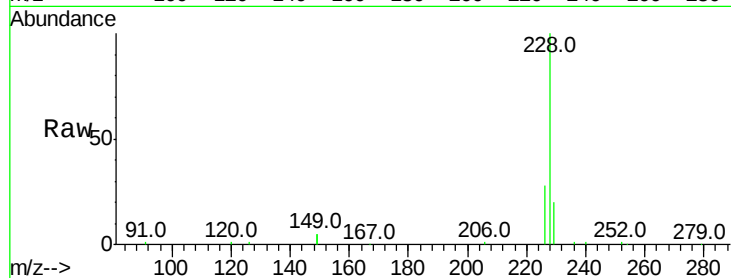
BNA_E

ClientSampleId :

PB100626BS

Tot Ion:228 Resp: 33249

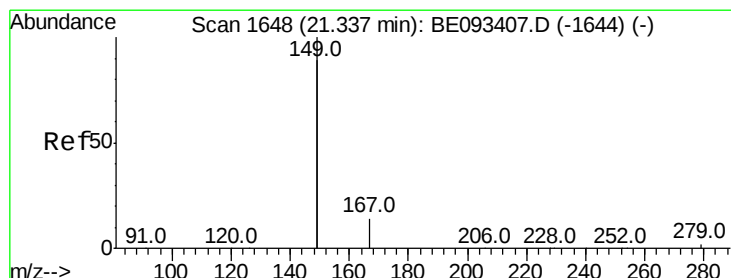
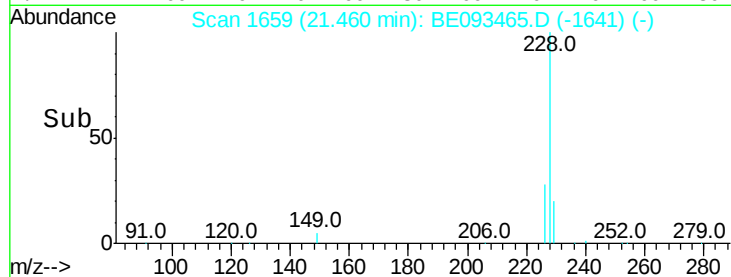
Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.5	32.3
229	19.9	18.6	28.0



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: 0.283 ng

RT: 21.33 min Scan# 1647

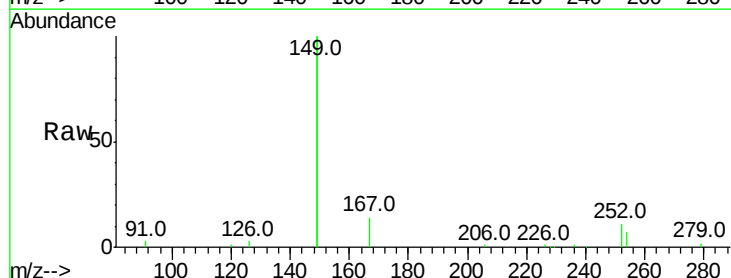
Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Tgt Ion:149 Resp: 39515

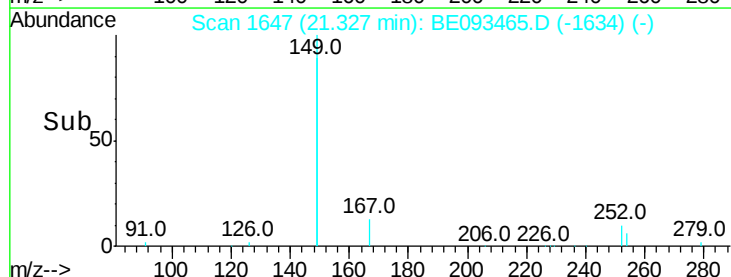
Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#

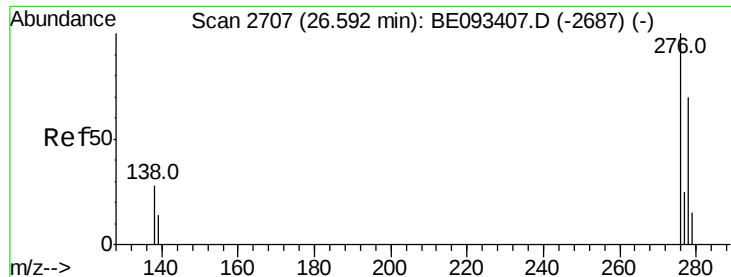


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

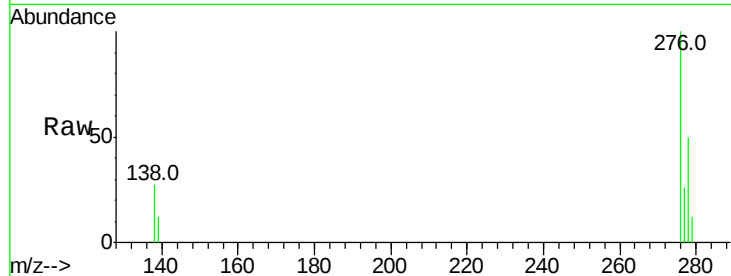




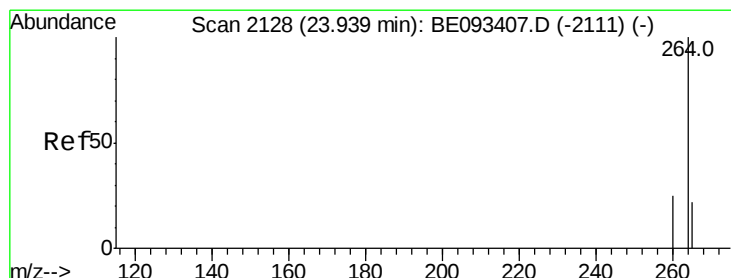
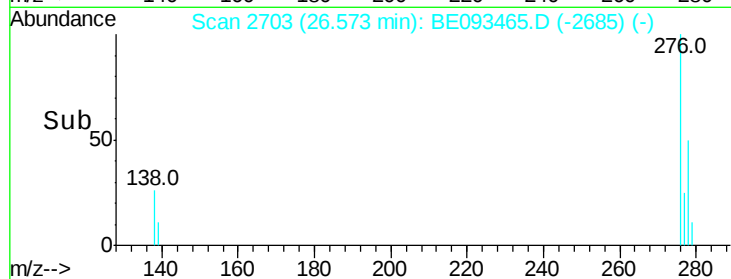
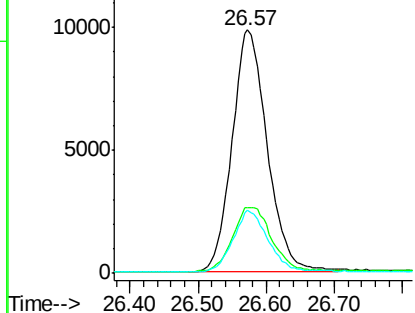
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.397 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.02 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Instrument :
 BNA_E
 ClientSampleId :
 PB100626BS

Tot Ion:276 Resp: 35335
 Ion Ratio Lower Upper
 276 100
 138 29.1 27.4 41.2
 277 25.0 20.1 30.1

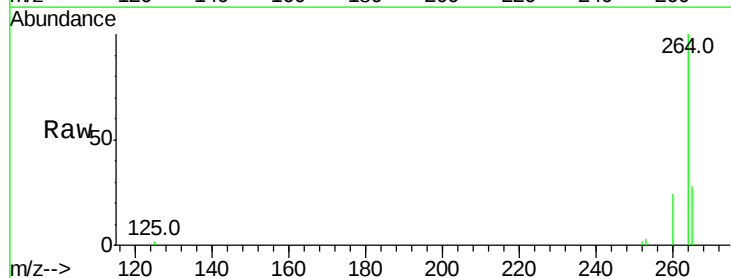


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

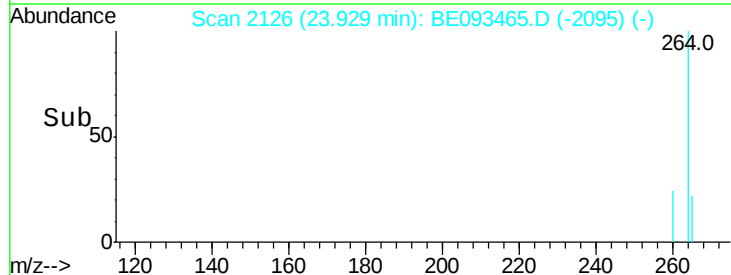
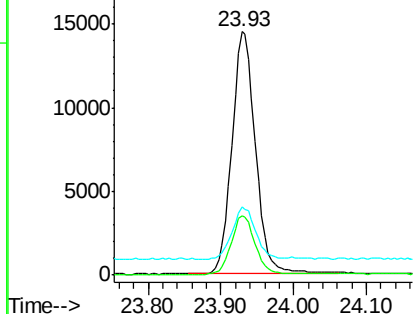


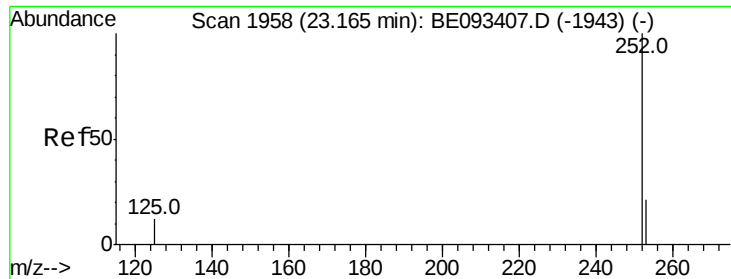
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093465.D
 Acq: 14 Jul 2017 11:04

Tgt Ion:264 Resp: 32885
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.0 31.4
 265 28.1 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: 0.316 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

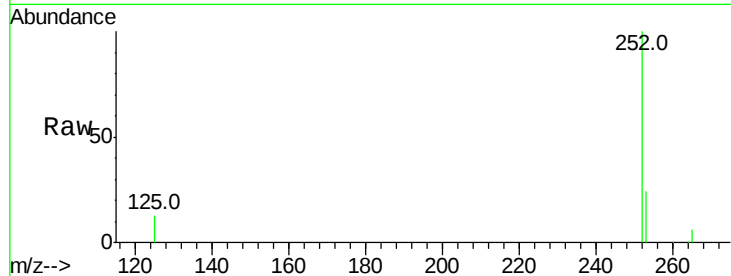
Tot Ion:252 Resp: 33609

Ion Ratio Lower Upper

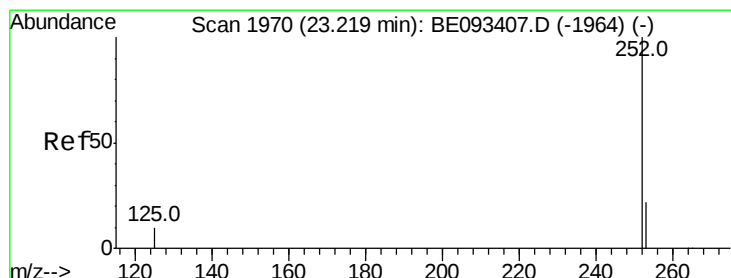
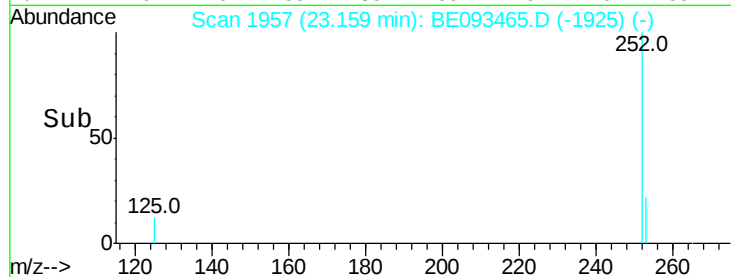
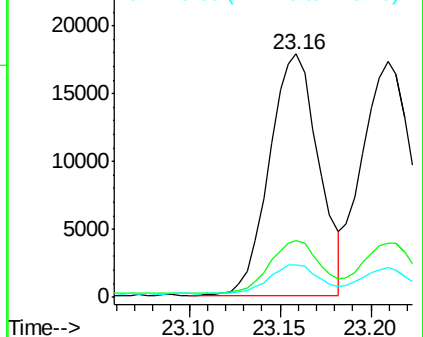
252 100

253 23.5 18.5 27.7

125 13.4 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: 0.320 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

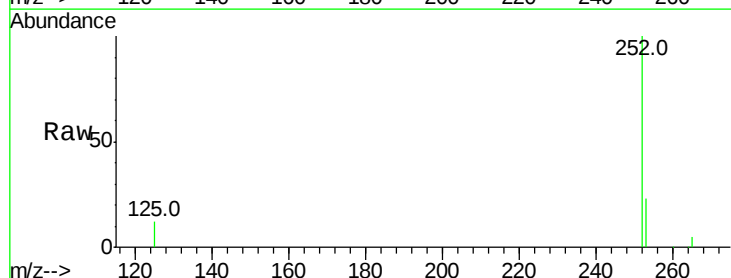
Tgt Ion:252 Resp: 33617

Ion Ratio Lower Upper

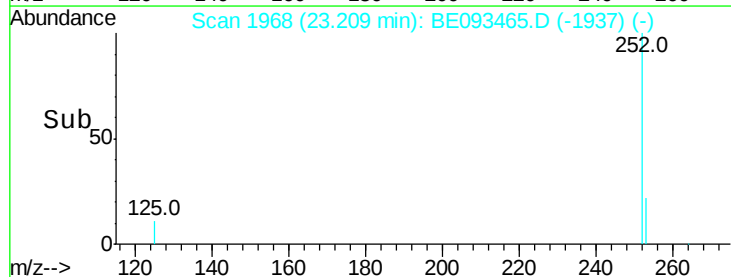
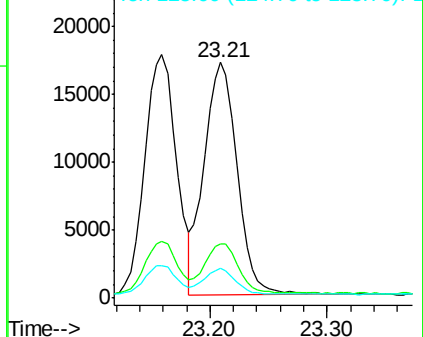
252 100

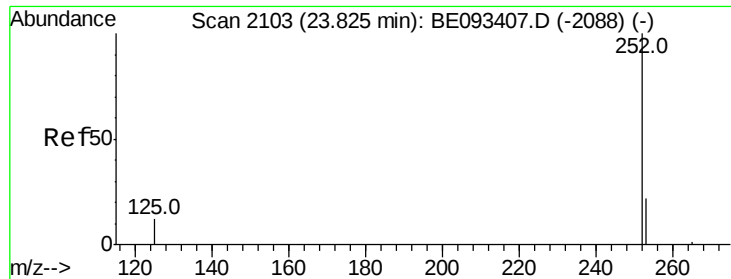
253 23.1 20.3 30.5

125 12.4 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: 0.334 ng

RT: 23.81 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

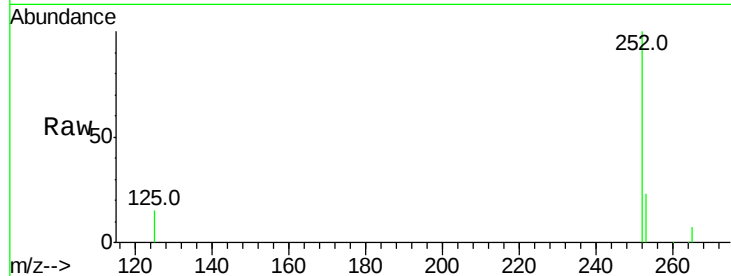
Tot Ion:252 Resp: 31112

Ion Ratio Lower Upper

252 100

253 22.8 19.9 29.9

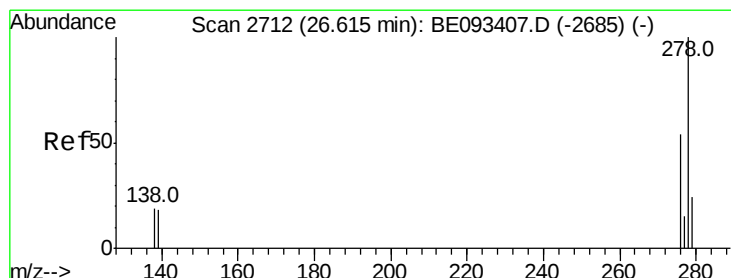
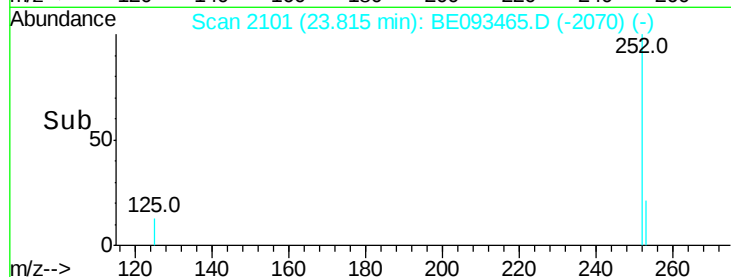
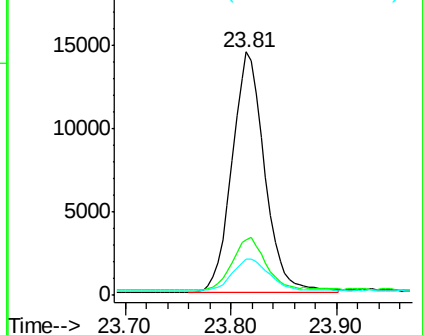
125 14.8 14.6 21.8



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: 0.335 ng

RT: 26.60 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

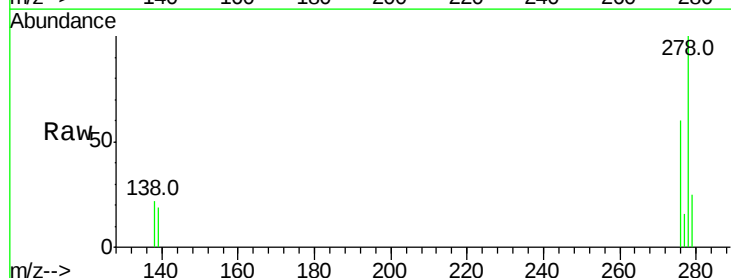
Tgt Ion:278 Resp: 30288

Ion Ratio Lower Upper

278 100

139 19.4 21.4 32.0#

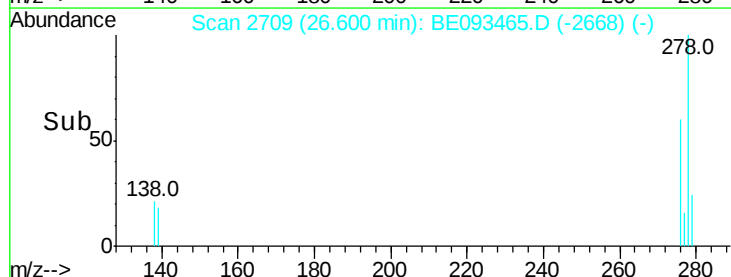
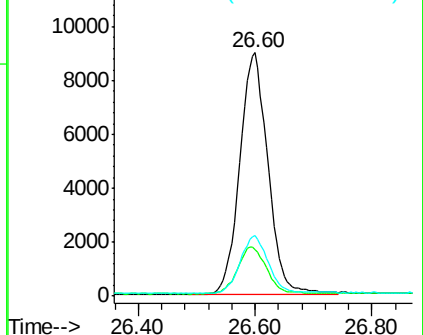
279 24.8 22.2 33.2

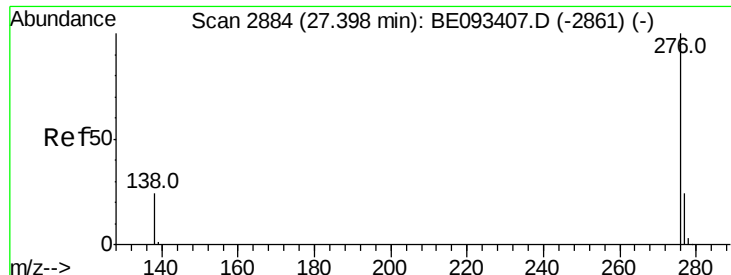


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.334 ng

RT: 27.38 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BE093465.D

Acq: 14 Jul 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB100626BS

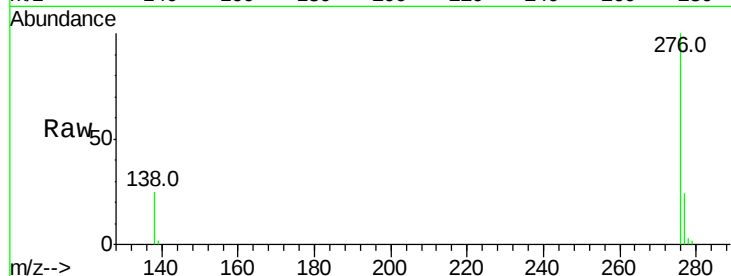
Tot Ion:276 Resp: 30445

Ion Ratio Lower Upper

276 100

277 24.0 21.2 31.8

138 24.8 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

