

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
 Data File : BE093612.D
 Acq On : 1 Aug 2017 12:21
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 01 14:42:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:41:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2298	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11266	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6480	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14045	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17498	0.40	ng	0.01
34) Perylene-d12	23.91	264	15269	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	714	0.09	ng	0.00
5) Phenol-d6	7.10	99	1065	0.10	ng	0.01
8) Nitrobenzene-d5	9.06	82	812	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	1745	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	133	0.06	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	2760	0.11	ng	0.00
25) Fluoranthene-d10	19.28	212	17804	0.08	ng	0.00
29) Terphenyl-d14	19.86	244	3187	0.10	ng	0.00

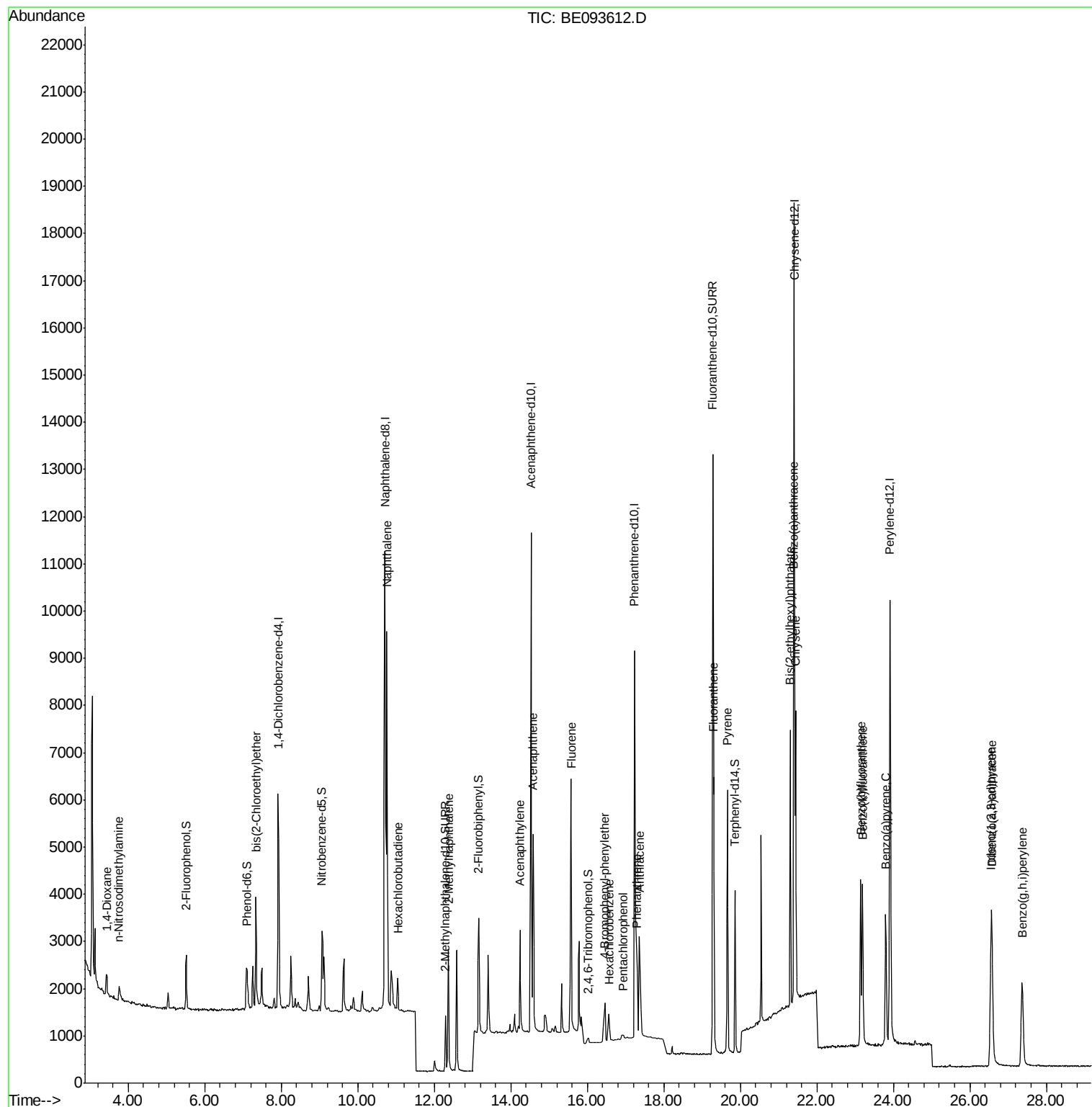
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	406	0.106	ng	98
3) n-Nitrosodimethylamine	3.75	42	324	0.086	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	827	0.093	ng	# 93
9) Naphthalene	10.76	128	13321	0.102	ng	# 98
10) Hexachlorobutadiene	11.04	225	471	0.092	ng	94
12) 2-Methylnaphthalene	12.37	142	2127	0.097	ng	97
16) Acenaphthylene	14.24	152	2758	0.085	ng	# 87
17) Acenaphthene	14.58	154	2130	0.096	ng	98
18) Fluorene	15.58	166	2798	0.090	ng	# 85
20) 4-Bromophenyl-phenylether	16.45	248	649	0.119	ng	# 77
21) Hexachlorobenzene	16.58	284	573	0.109	ng	# 100
22) Pentachlorophenol	16.94	266	164	0.053	ng	# 78
23) Phenanthrene	17.30	178	3475	0.109	ng	# 77
24) Anthracene	17.37	178	3769	0.077	ng	# 81
26) Fluoranthene	19.30	202	5303	0.078	ng	98
28) Pyrene	19.67	202	5605	0.099	ng	# 98
30) Benzo(a)anthracene	21.39	228	4928	0.088	ng	93
31) Chrysene	21.45	228	5873	0.105	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	6921	0.057	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	5224	0.099	ng	# 93
35) Benzo(b)fluoranthene	23.15	252	5289	0.099	ng	95
36) Benzo(k)fluoranthene	23.20	252	5108	0.096	ng	99
37) Benzo(a)pyrene	23.80	252	4606	0.092	ng	97
38) Dibenzo(a,h)anthracene	26.58	278	4409	0.094	ng	95
39) Benzo(g,h,i)perylene	27.37	276	4631	0.098	ng	96

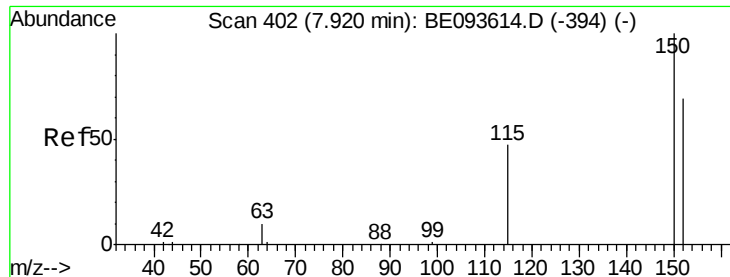
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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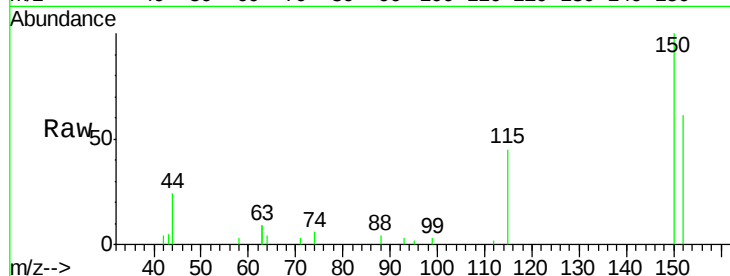


#1

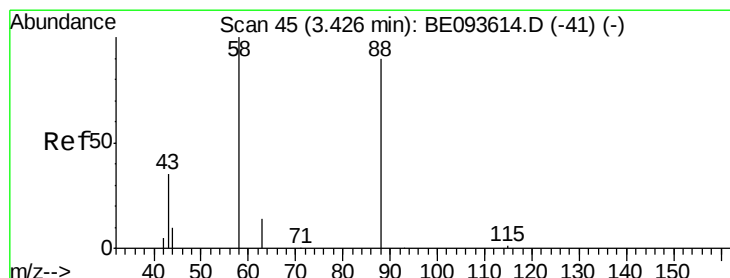
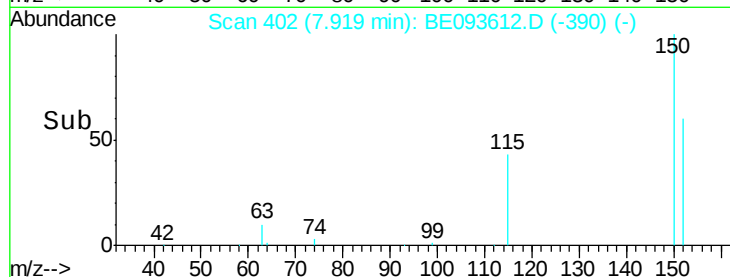
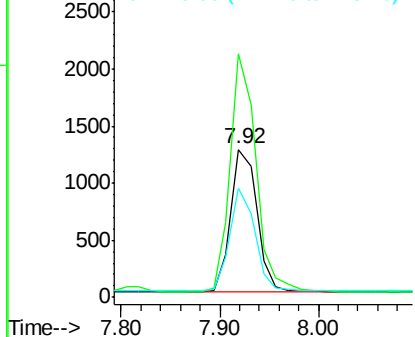
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 152 Resp: 2298
Ion Ratio Lower Upper
152 100
150 164.3 125.1 187.7
115 73.9 55.7 83.5



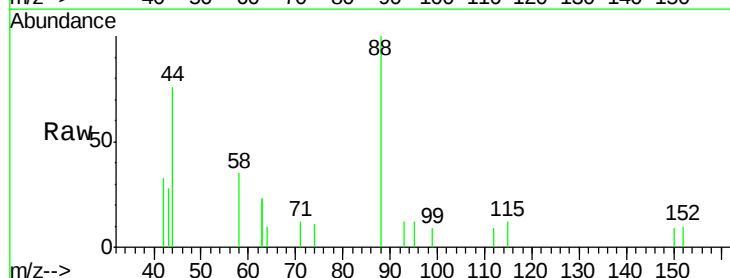
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



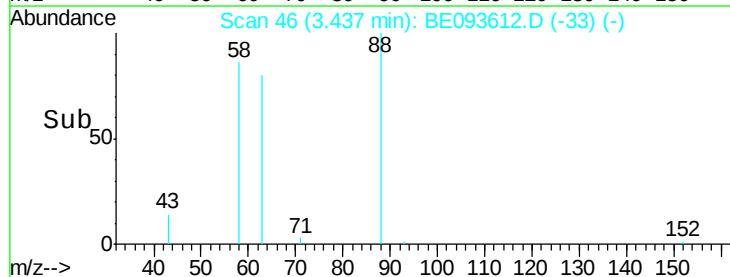
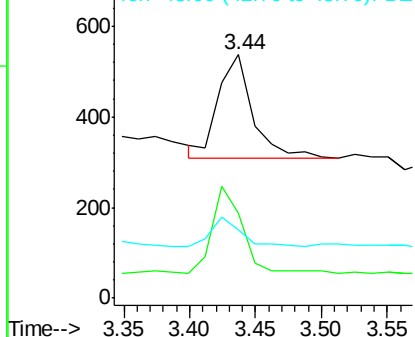
#2

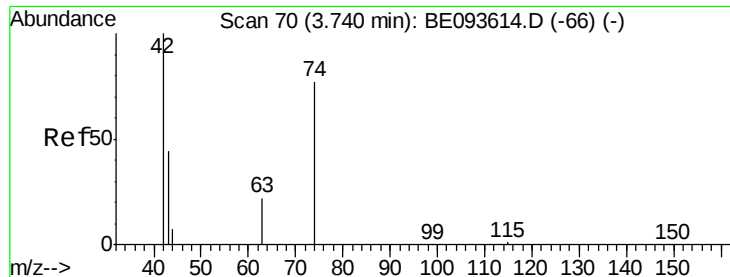
1,4-Dioxane
Concen: 0.106 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 78.8 62.2 93.4
43 26.4 23.2 34.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



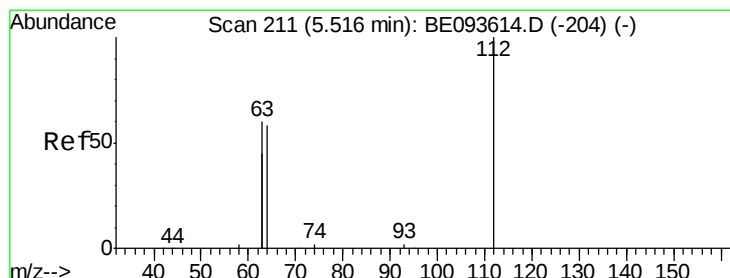
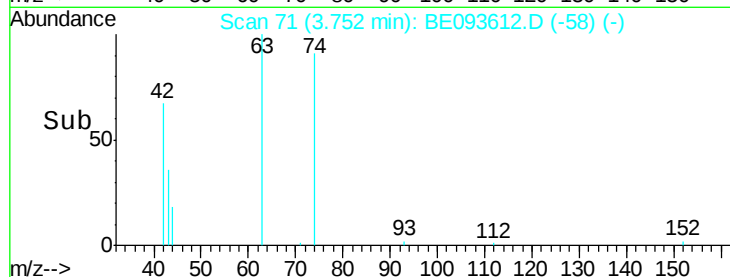
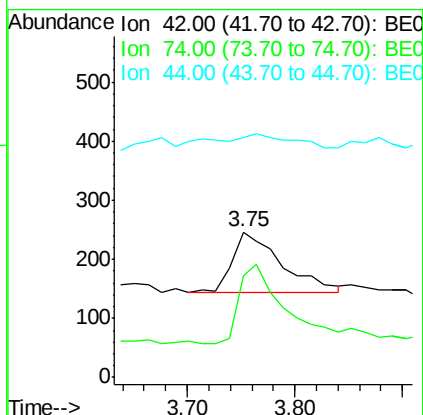
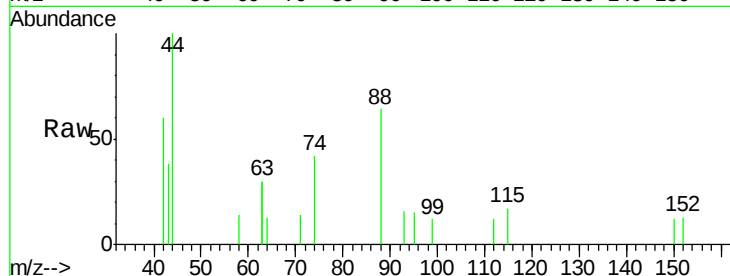


#3

n-Nitrosodimethylamine
 Concen: 0.086 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

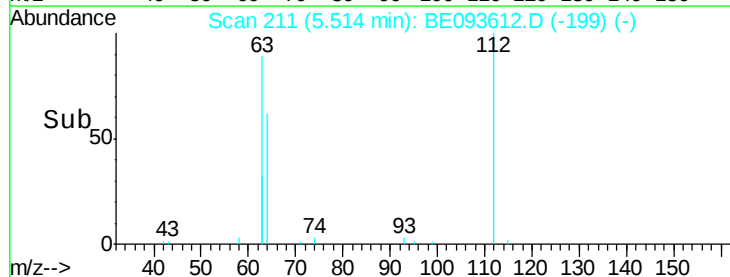
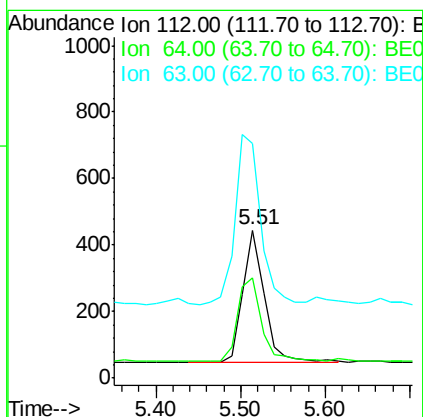
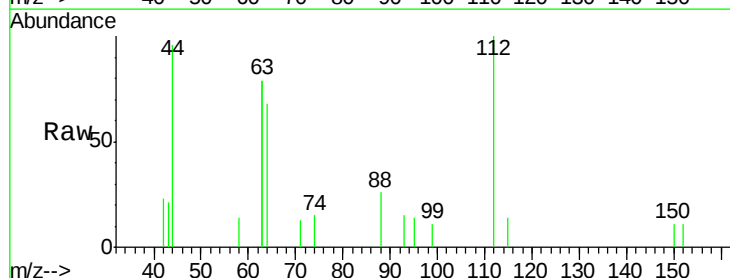
Tgt Ion: 42 Resp: 324
 Ion Ratio Lower Upper
 42 100
 74 124.4 99.1 148.7
 44 36.7 7.4 11.2#

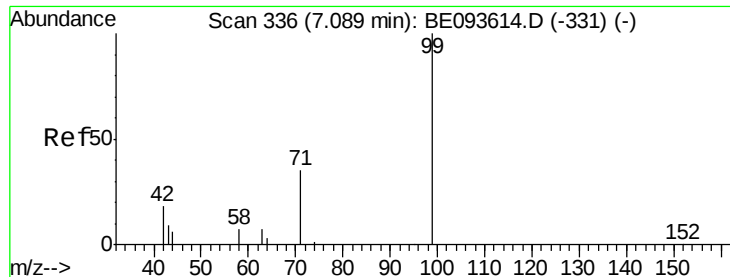


#4

2-Fluorophenol
 Concen: 0.090 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

Tgt Ion: 112 Resp: 714
 Ion Ratio Lower Upper
 112 100
 64 70.7 56.4 84.6
 63 151.3 29.3 43.9#





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

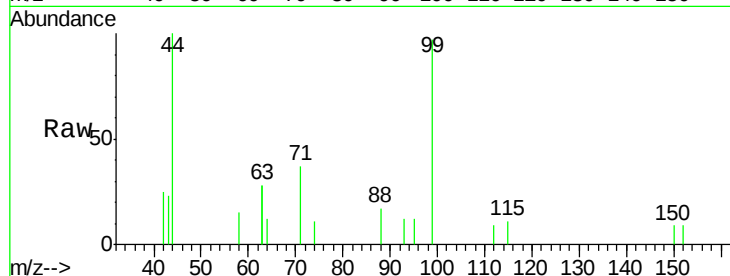
Tgt Ion: 99 Resp: 1065

Ion Ratio Lower Upper

99 100

42 19.3 0.0 0.0#

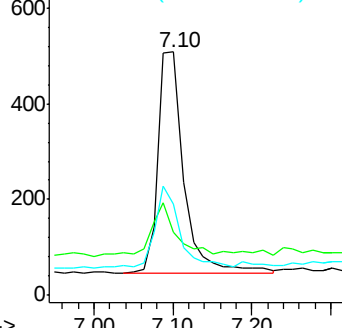
71 33.8 0.0 0.0#



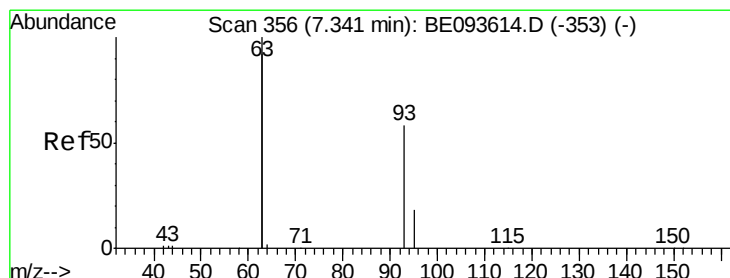
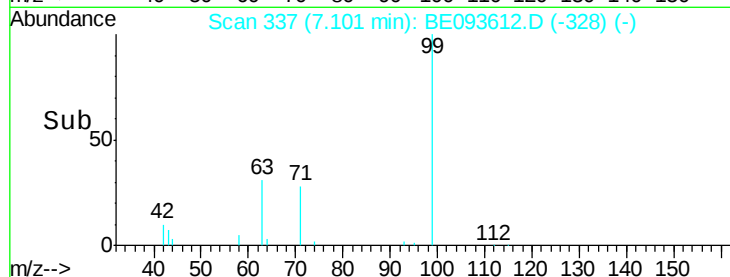
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.093 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

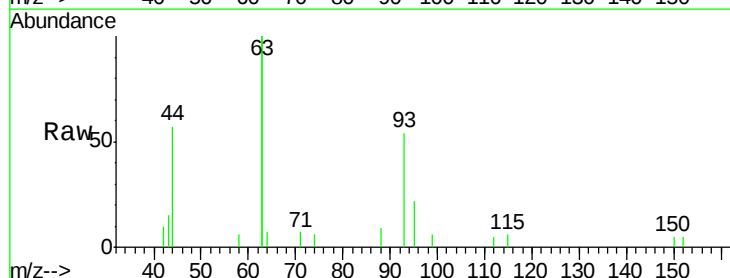
Tgt Ion: 93 Resp: 827

Ion Ratio Lower Upper

93 100

63 358.4 0.0 0.0#

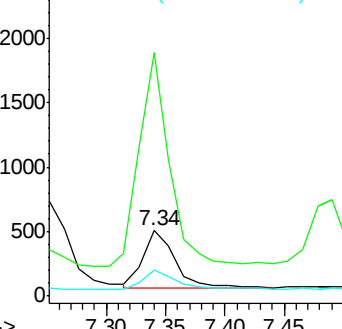
95 35.7 25.4 38.0



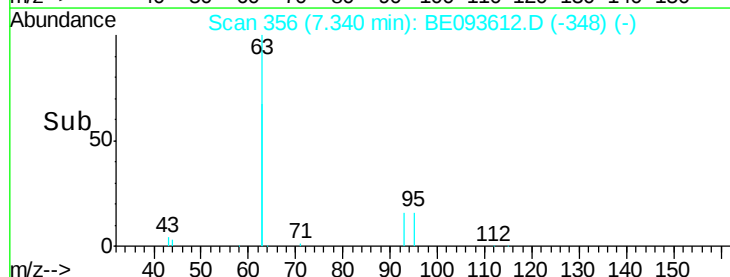
Abundance Ion 93.00 (92.70 to 93.70): BE0

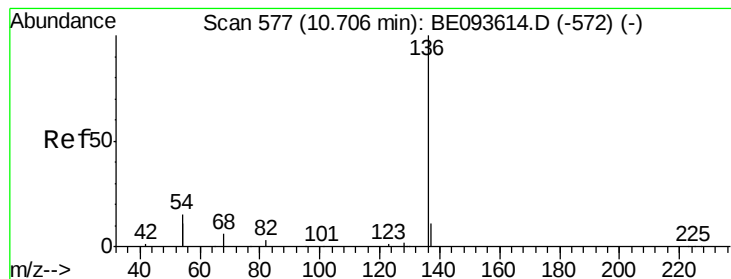
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 11266

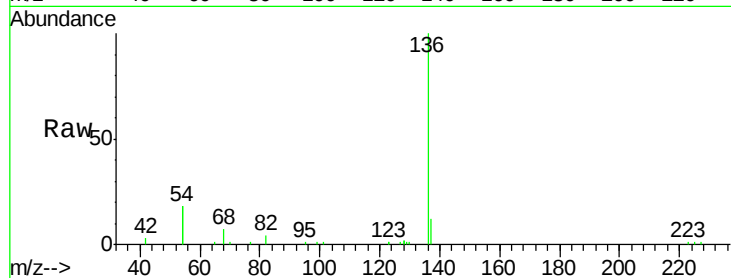
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 35.5 10.3 15.5#

68 7.1 9.0 13.4#

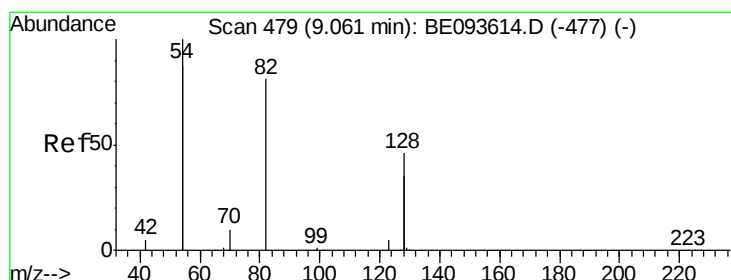
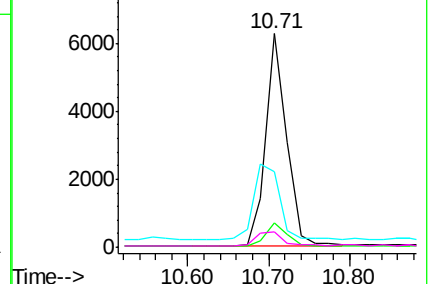
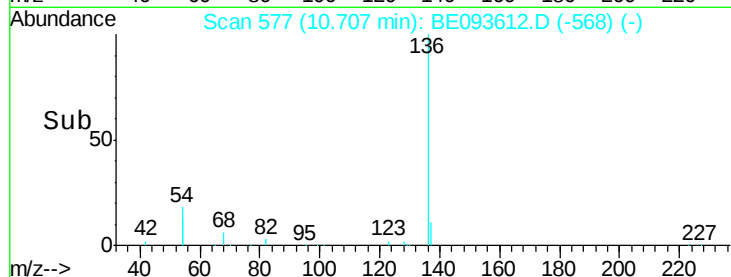


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.091 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

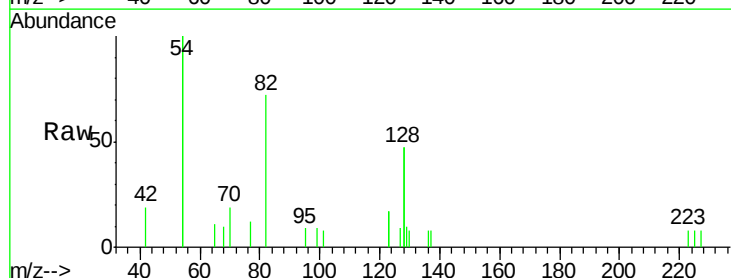
Tgt Ion: 82 Resp: 812

Ion Ratio Lower Upper

82 100

128 129.8 17.0 25.4#

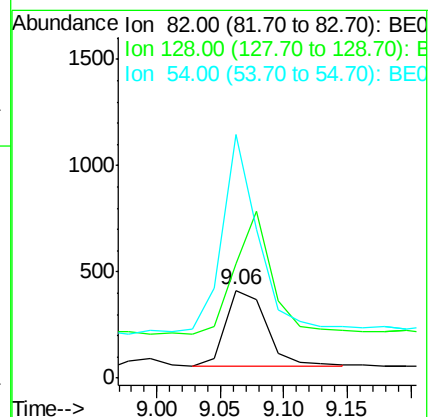
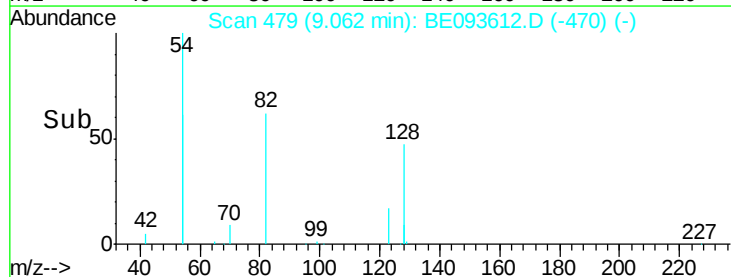
54 277.5 53.8 80.6#

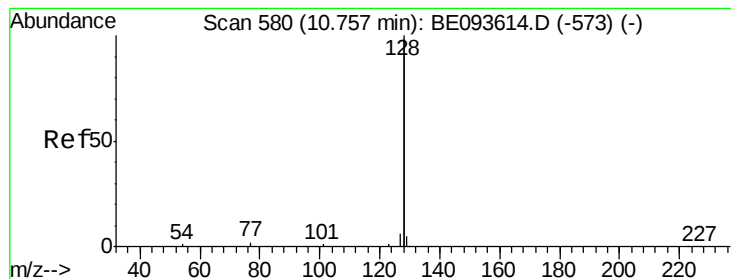


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.102 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

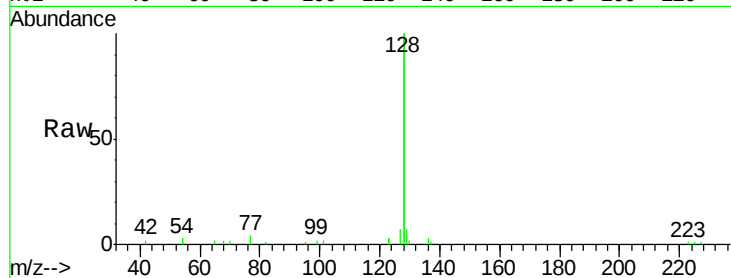
Tgt Ion:128 Resp: 13321

Ion Ratio Lower Upper

128 100

129 3.4 2.4 3.6

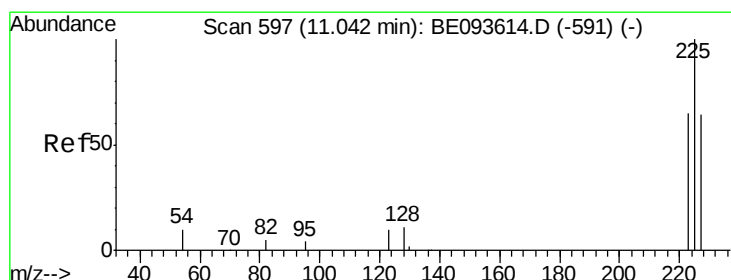
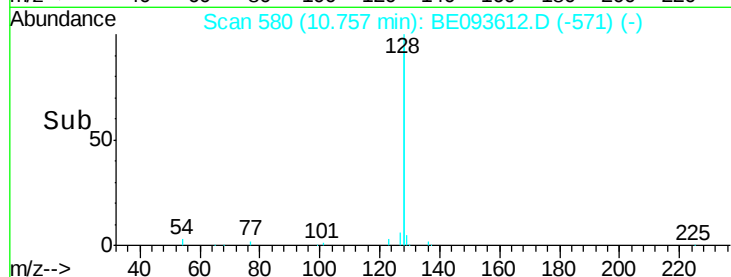
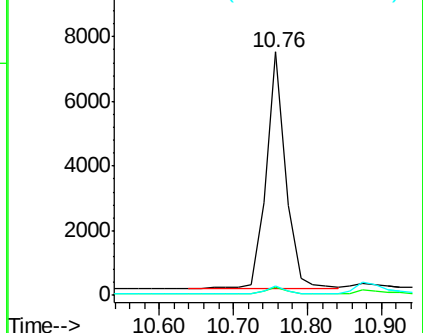
127 3.7 2.4 3.6#



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: 0.092 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

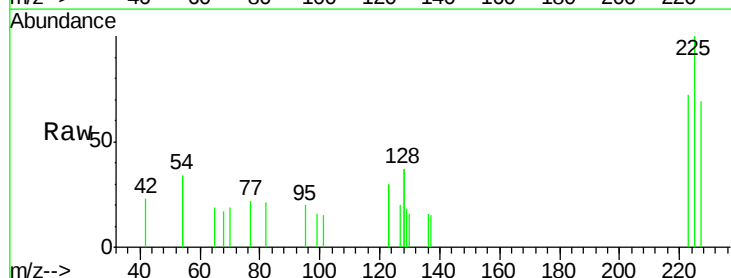
Tgt Ion:225 Resp: 471

Ion Ratio Lower Upper

225 100

223 68.8 49.7 74.5

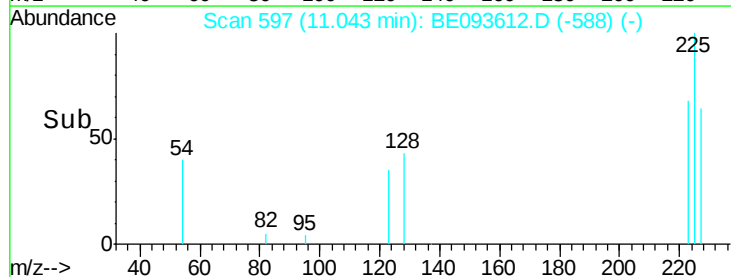
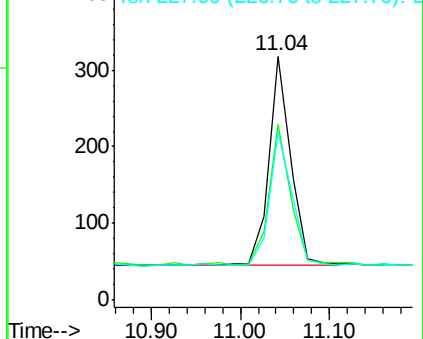
227 65.4 50.3 75.5

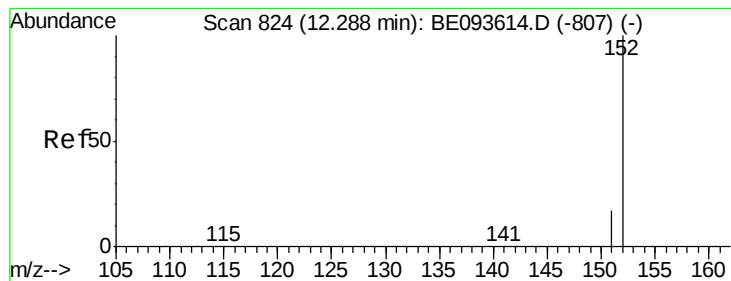


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.096 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

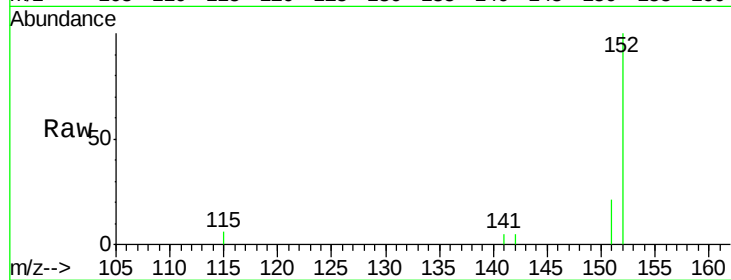
SSTDIC0.1

Tgt Ion:152 Resp: 1745

Ion Ratio Lower Upper

152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

1200

1000

800

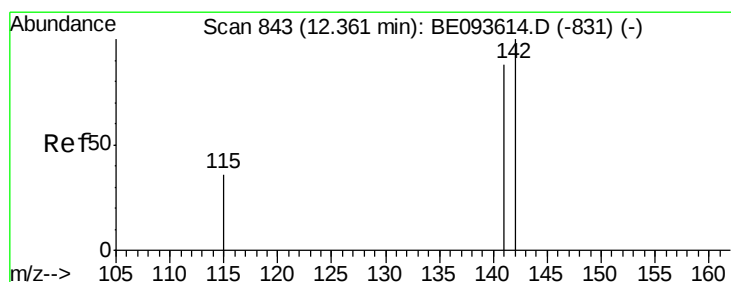
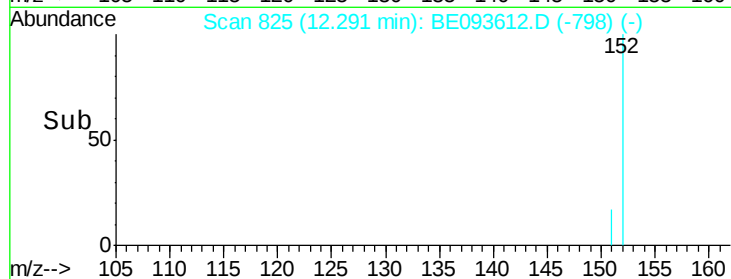
600

400

200

0

Time--> 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.097 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

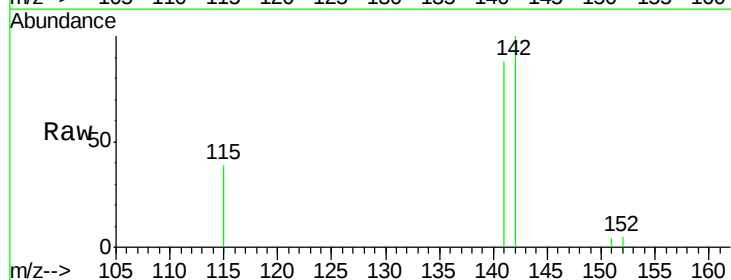
Tgt Ion:142 Resp: 2127

Ion Ratio Lower Upper

142 100

141 88.3 72.6 108.8

115 38.5 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

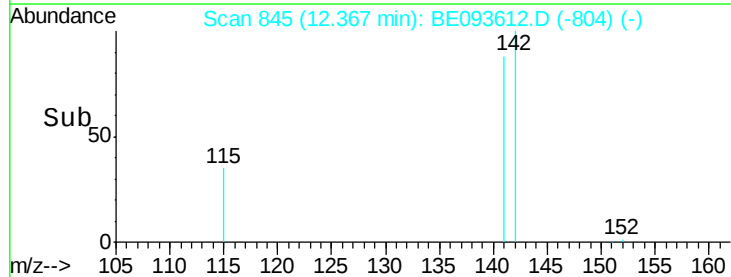
1500

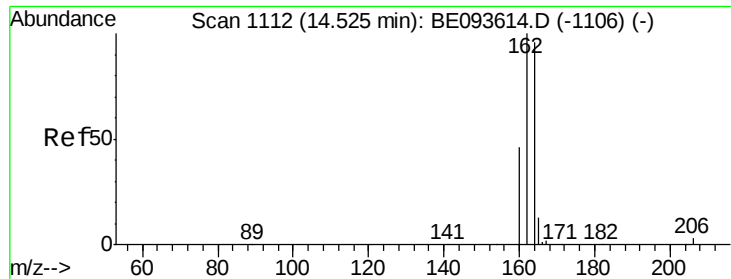
1000

500

0

Time--> 12.30 12.40 12.50

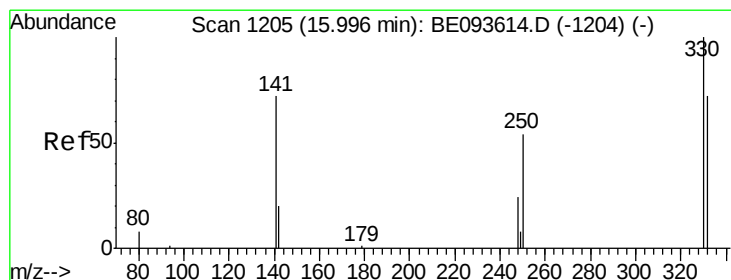
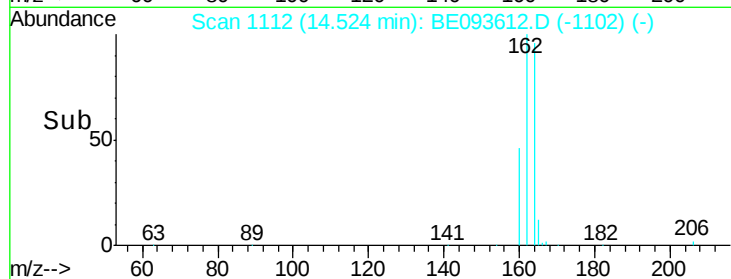
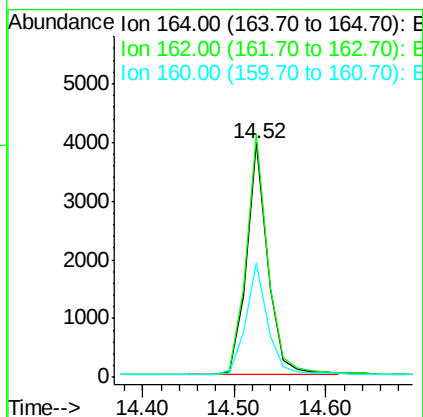
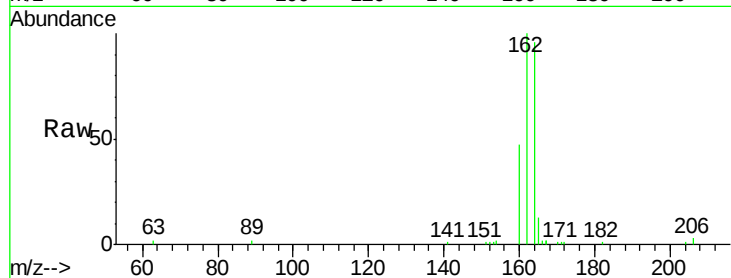




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

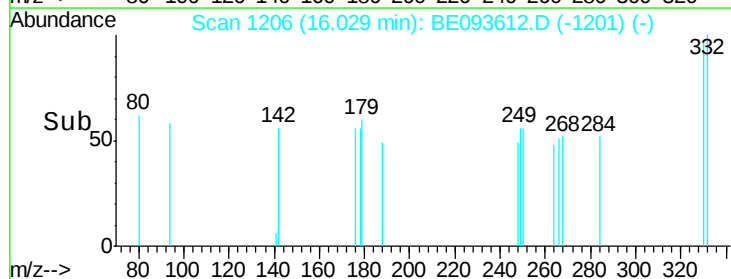
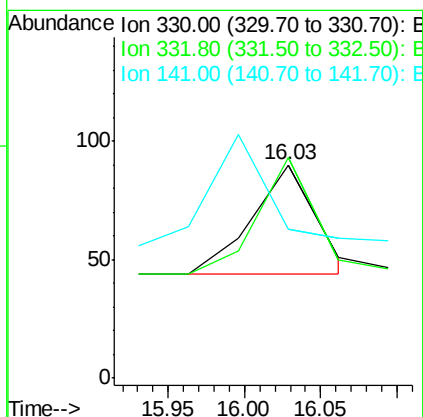
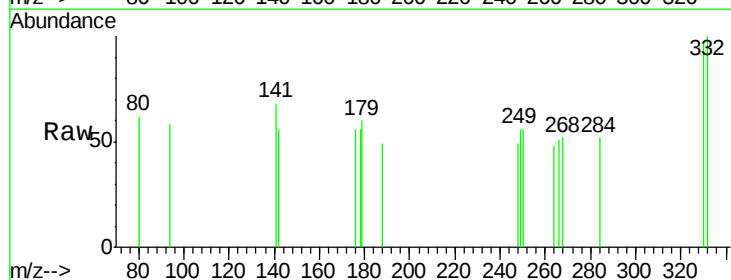
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

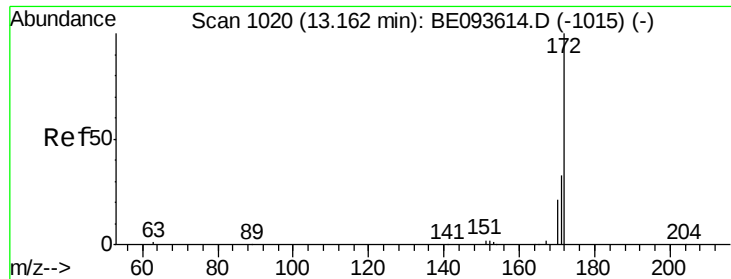
Tgt Ion:164 Resp: 6480
 Ion Ratio Lower Upper
 164 100
 162 103.9 84.6 127.0
 160 48.7 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.056 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

Tgt Ion:330 Resp: 133
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 0.0 56.2 84.4#

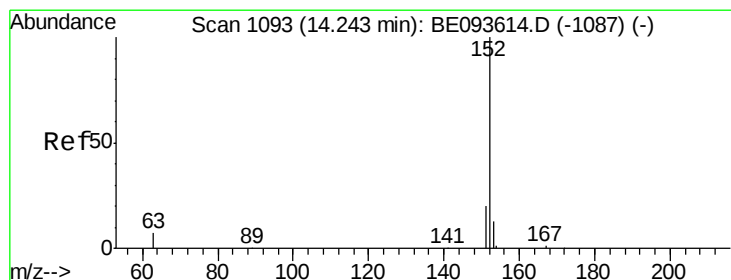
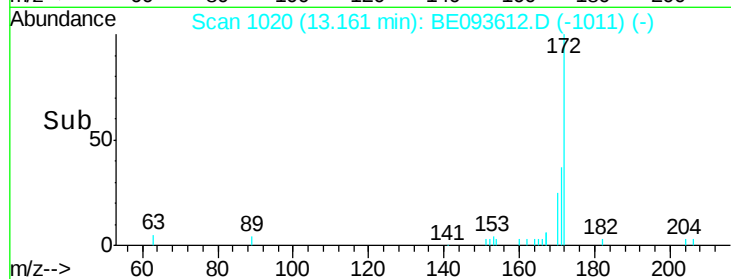
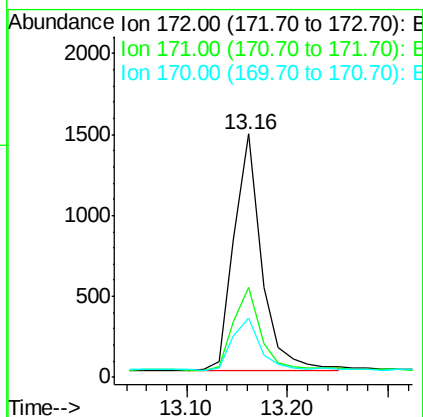
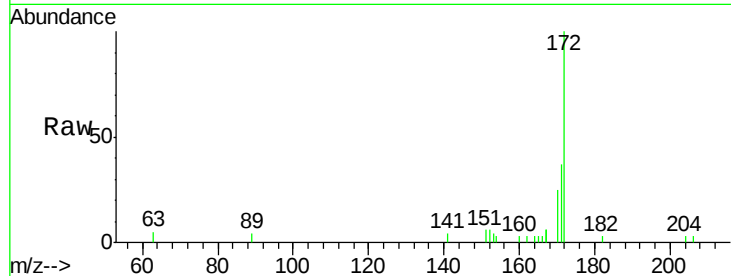




#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

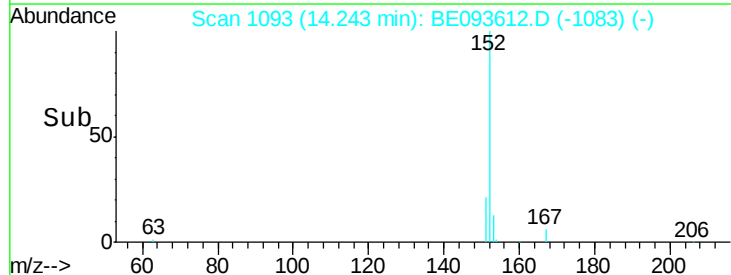
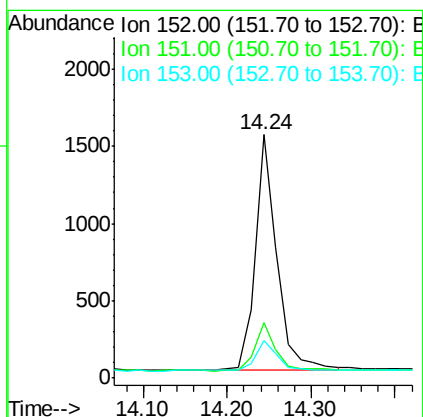
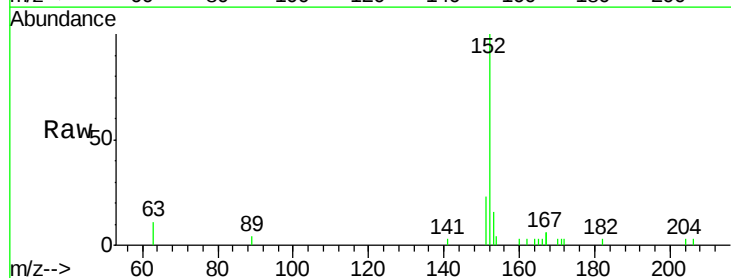
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

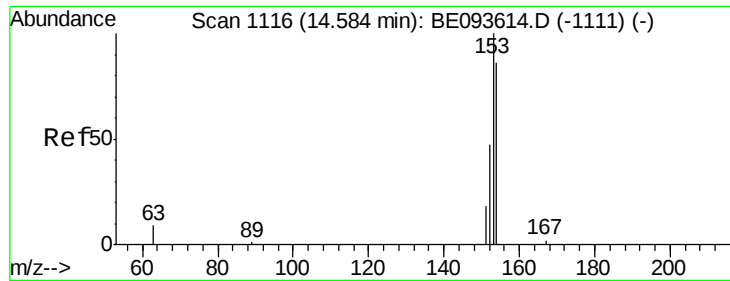
Tgt Ion:172 Resp: 2760
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

Tgt Ion:152 Resp: 2758
Ion Ratio Lower Upper
152 100
151 19.8 4.0 6.0#
153 12.6 10.3 15.5





#17

Acenaphthene

Concen: 0.096 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

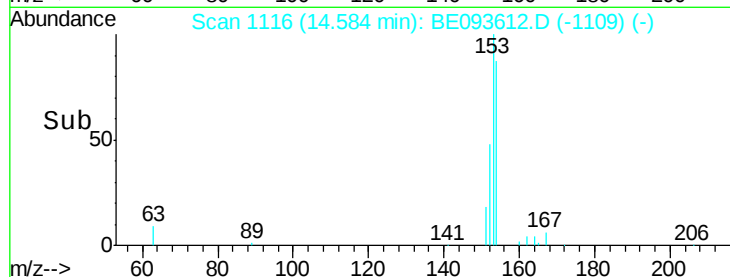
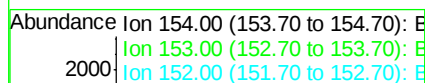
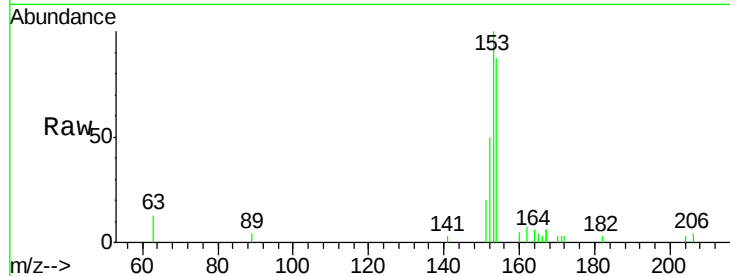
Tgt Ion:154 Resp: 2130

Ion Ratio Lower Upper

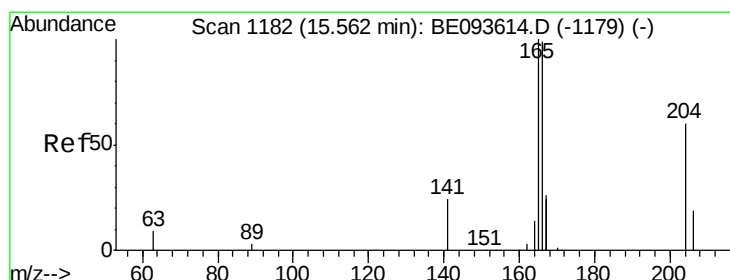
154 100

153 116.6 91.2 136.8

152 56.0 44.8 67.2



Time-->



#18

Fluorene

Concen: 0.090 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

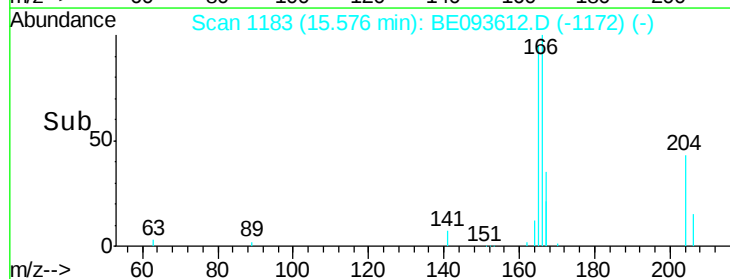
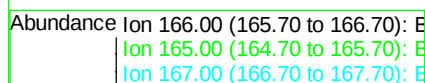
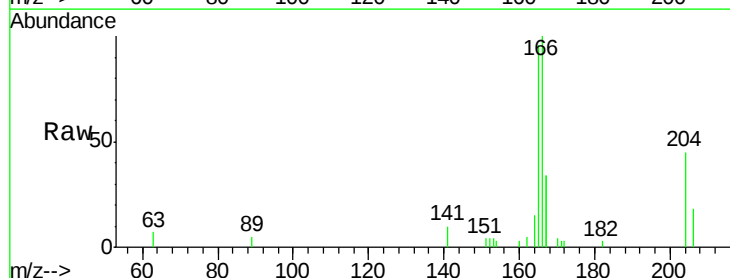
Tgt Ion:166 Resp: 2798

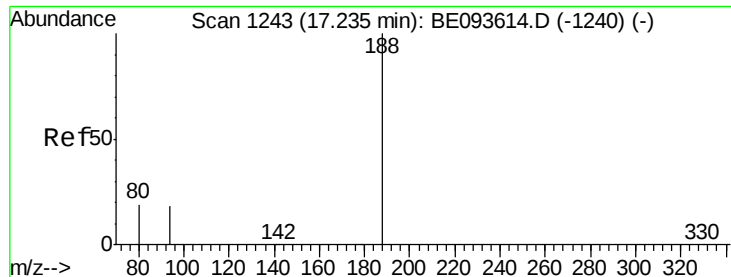
Ion Ratio Lower Upper

166 100

165 100.8 78.6 117.8

167 55.9 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

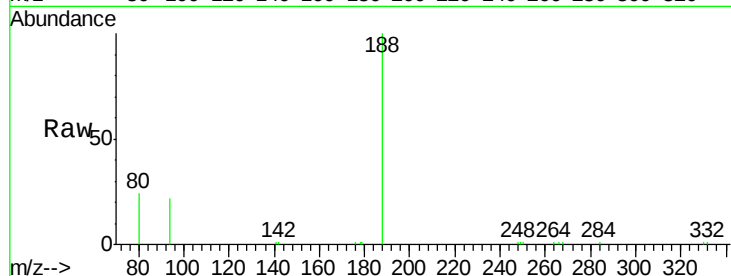
Tgt Ion:188 Resp: 14045

Ion Ratio Lower Upper

188 100

94 22.2 11.3 16.9#

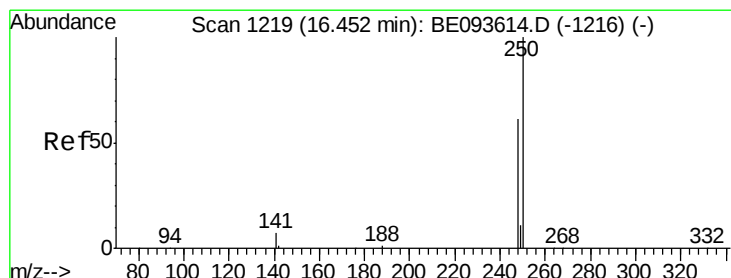
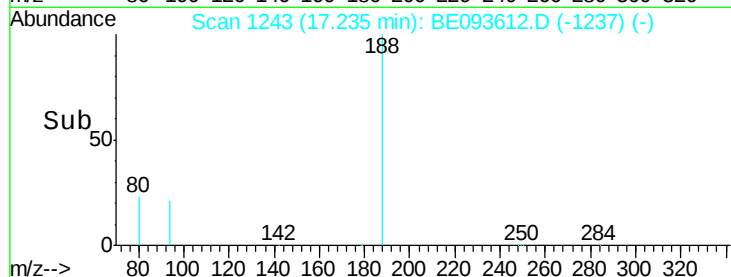
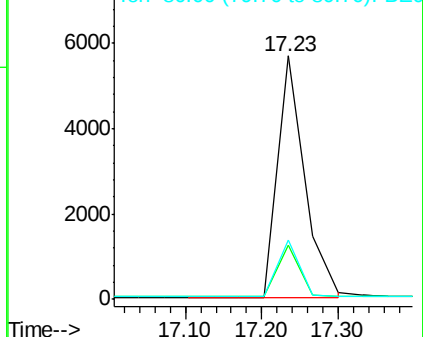
80 24.4 11.7 17.5#



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: 0.119 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

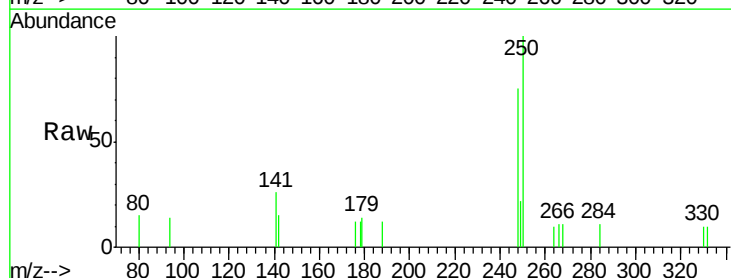
Tgt Ion:248 Resp: 649

Ion Ratio Lower Upper

248 100

250 133.4 128.0 192.0

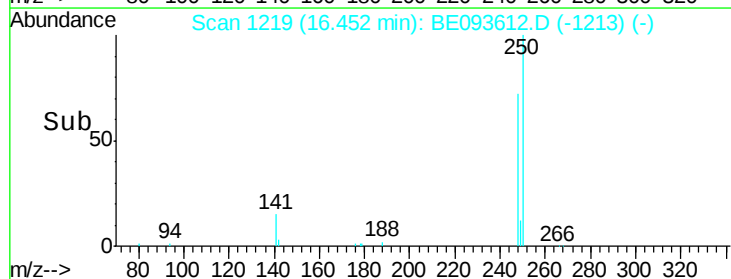
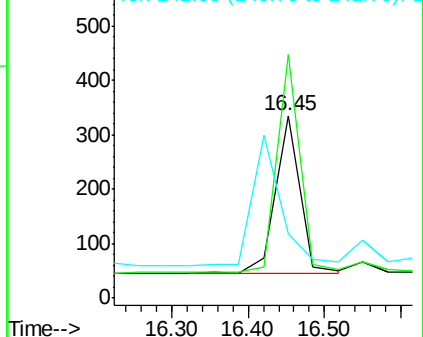
141 35.2 12.0 18.0#

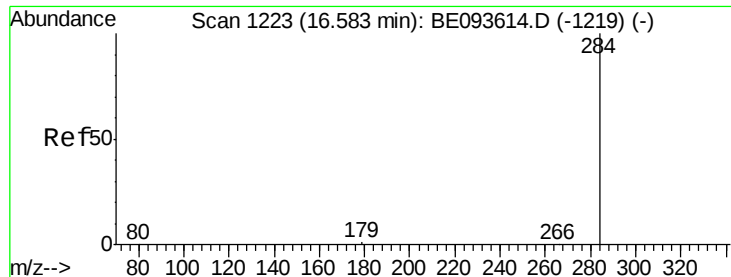


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

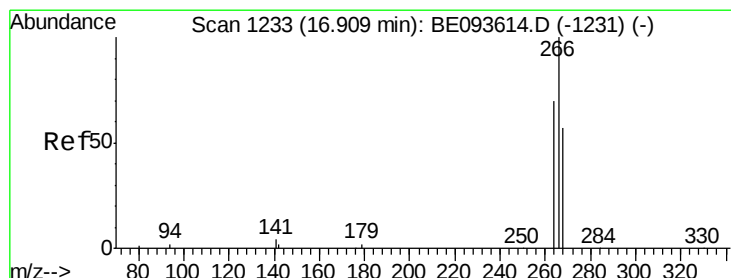
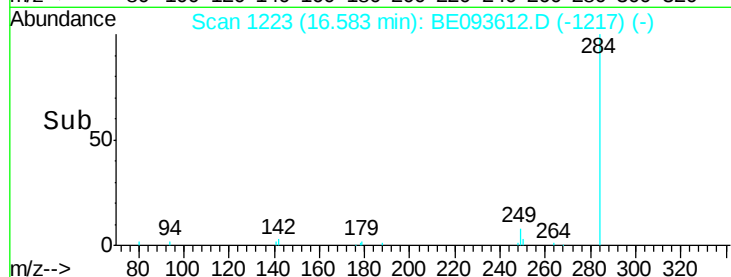
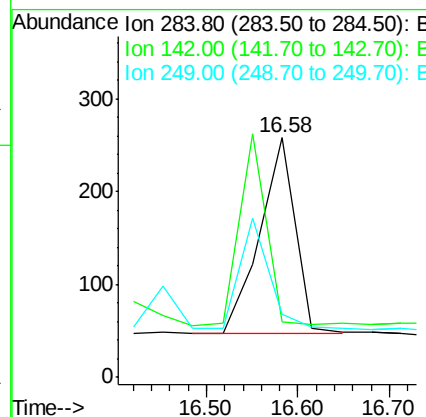
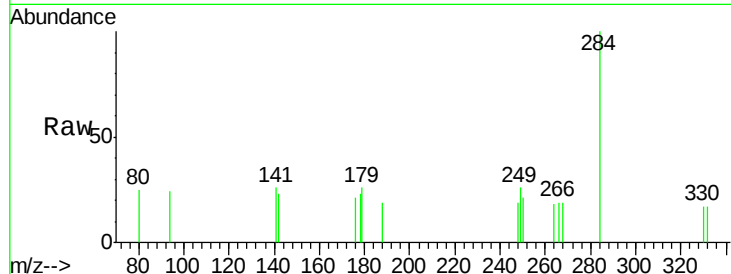




#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

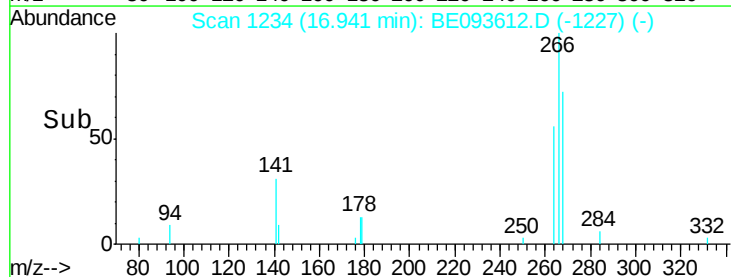
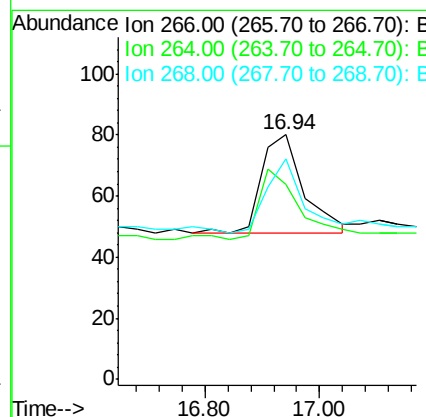
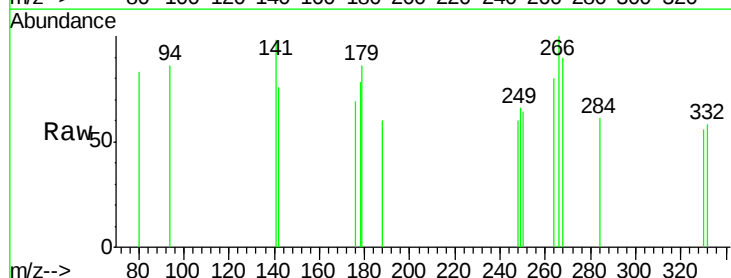
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

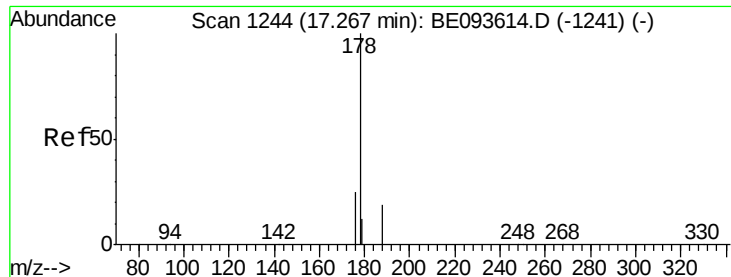
Tgt Ion: 284 Resp: 573
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.053 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE093612.D
Acq: 1 Aug 2017 12:21

Tgt Ion: 266 Resp: 164
Ion Ratio Lower Upper
266 100
264 80.0 56.0 84.0
268 90.0 52.0 78.0#





#23

Phenanthrene

Concen: 0.109 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.03 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

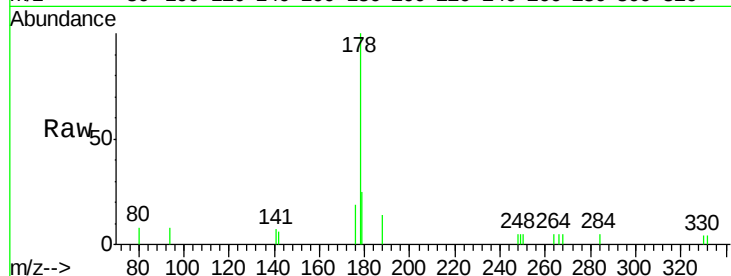
Tgt Ion:178 Resp: 3475

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

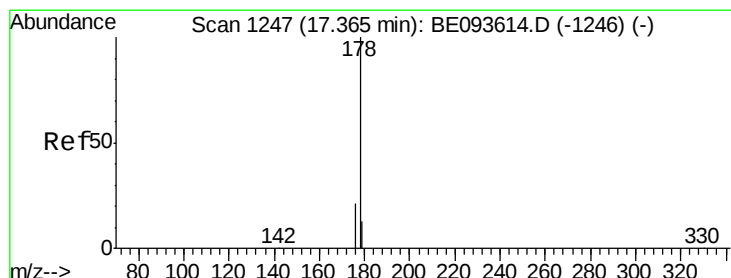
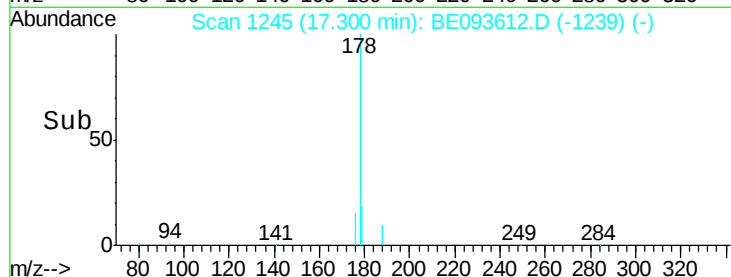
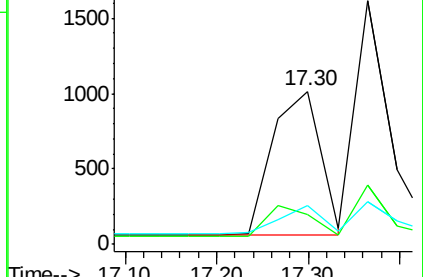
179 16.8 12.7 19.1



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



#24

Anthracene

Concen: 0.077 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

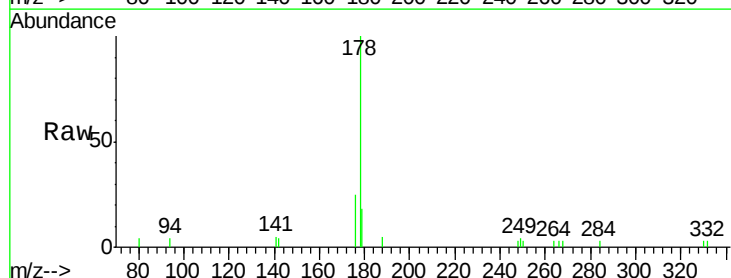
Tgt Ion:178 Resp: 3769

Ion Ratio Lower Upper

178 100

176 20.4 14.6 22.0

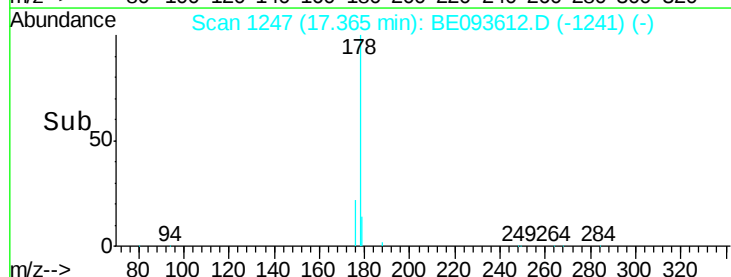
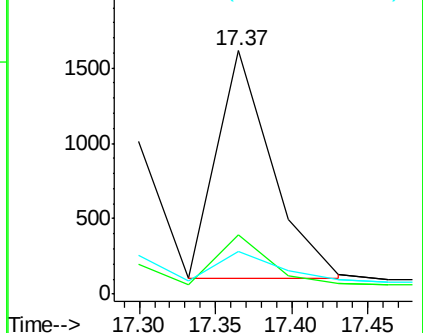
179 0.0 12.0 18.0#

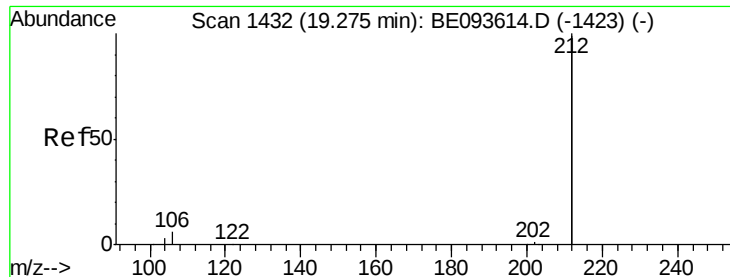


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

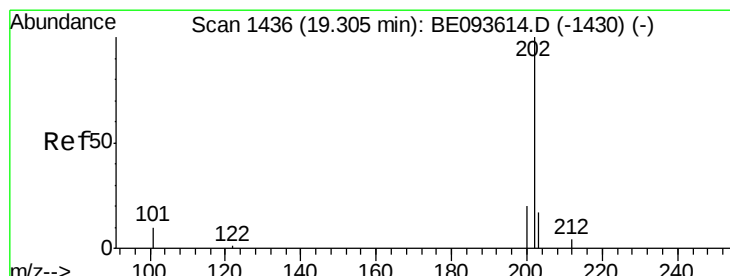
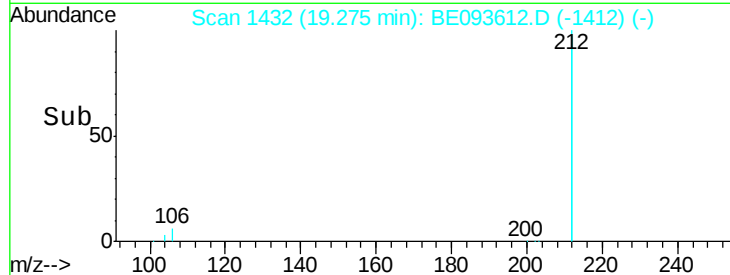
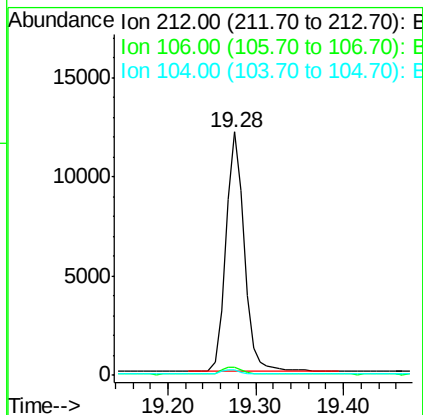
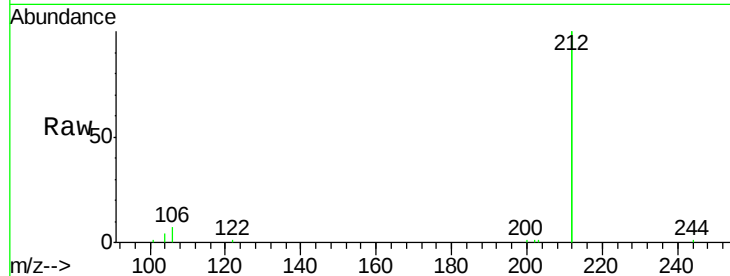




#25
 Fluoranthene-d10
 Concen: 0.080 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

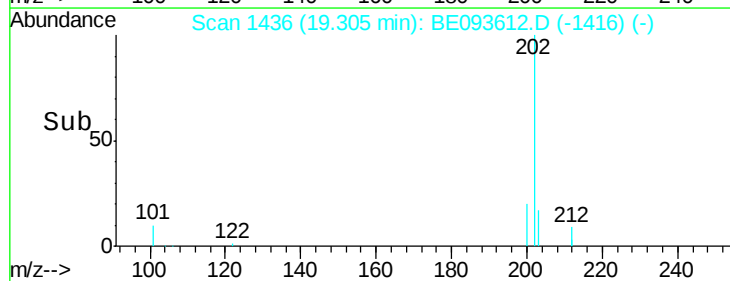
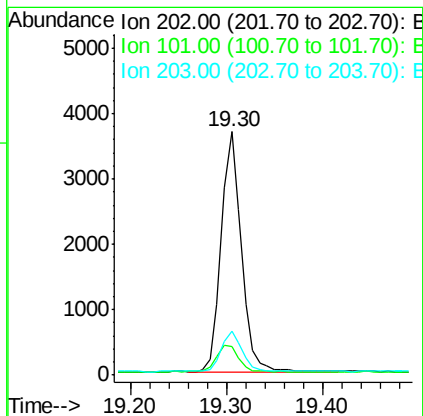
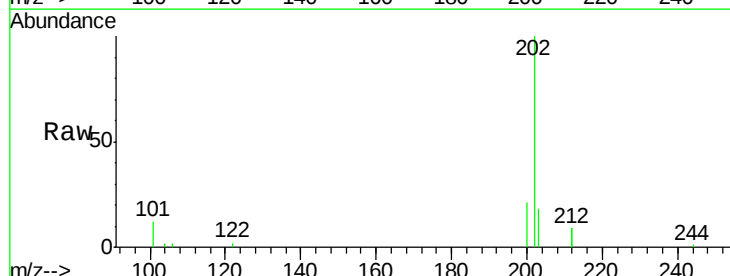
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

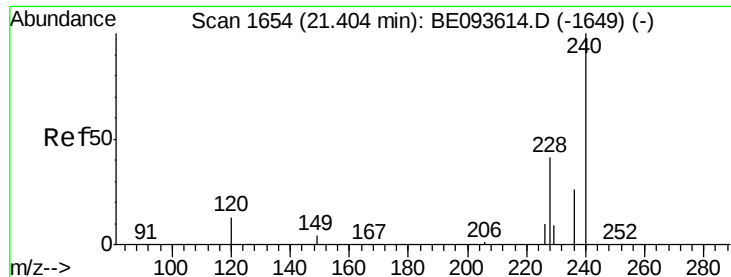
Tgt Ion:212 Resp: 17804
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.078 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093612.D
 Acq: 1 Aug 2017 12:21

Tgt Ion:202 Resp: 5303
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.6 14.4
 203 17.0 14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

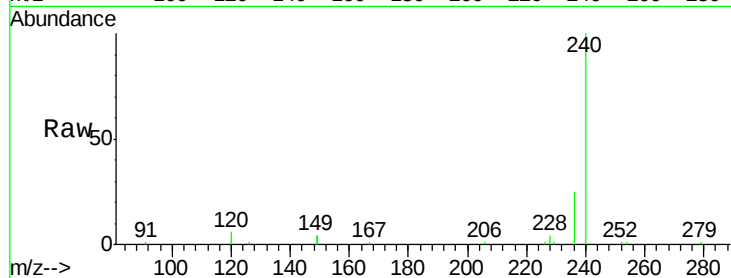
Tgt Ion:240 Resp: 17498

Ion Ratio Lower Upper

240 100

120 6.2 4.6 7.0

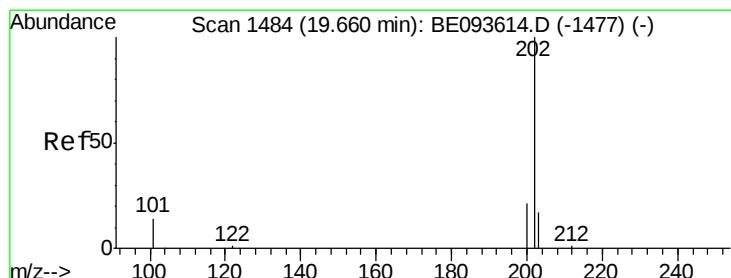
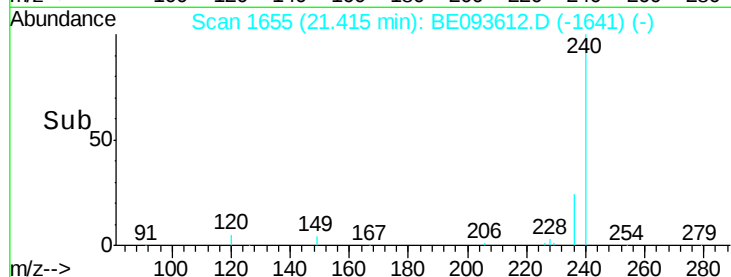
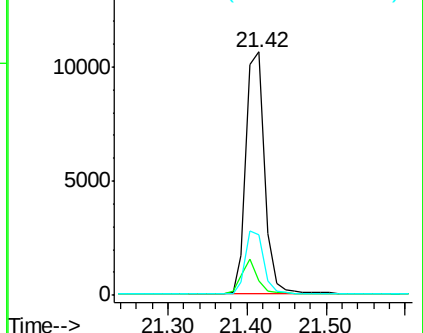
236 24.7 20.8 31.2



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: 0.099 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

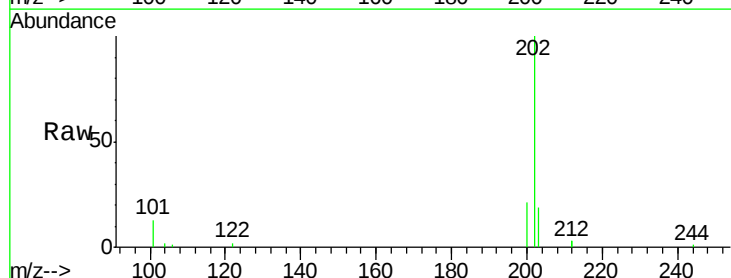
Tgt Ion:202 Resp: 5605

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

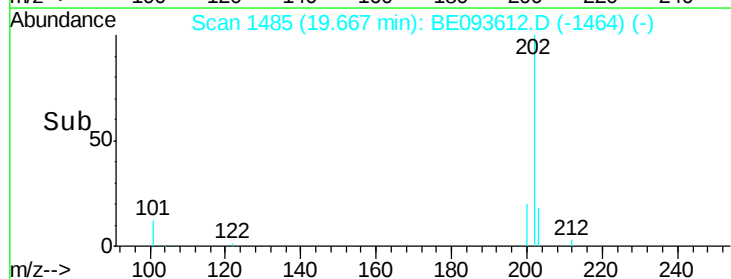
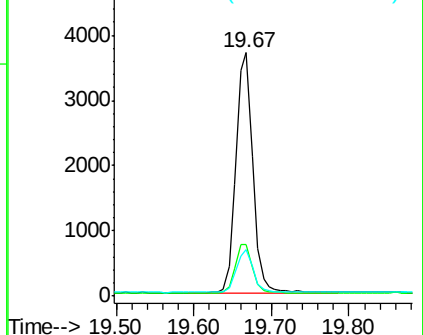
203 18.1 13.7 20.5

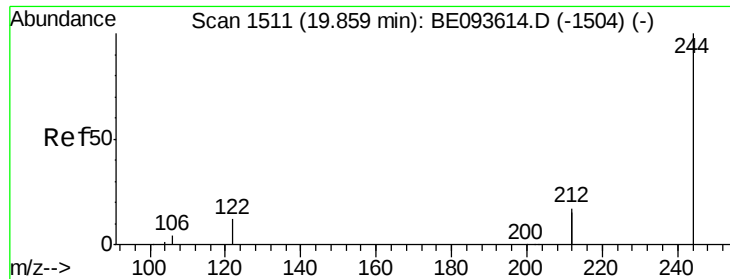


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.100 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

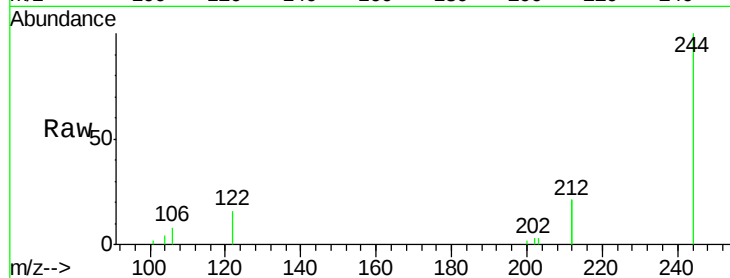
Tgt Ion:244 Resp: 3187

Ion Ratio Lower Upper

244 100

212 42.6 10.6 16.0#

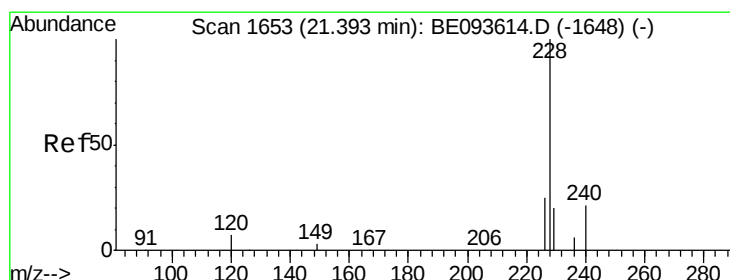
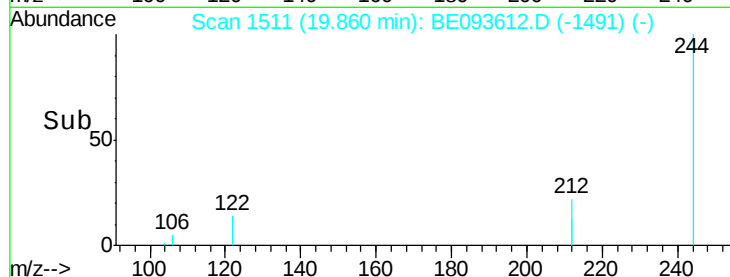
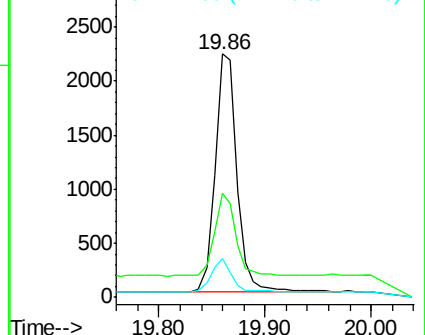
122 16.0 15.4 23.0



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: 0.088 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

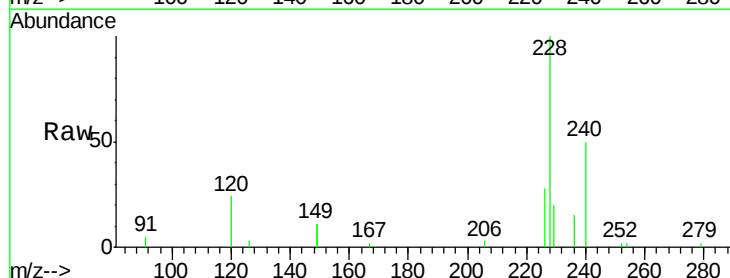
Tgt Ion:228 Resp: 4928

Ion Ratio Lower Upper

228 100

226 27.5 19.7 29.5

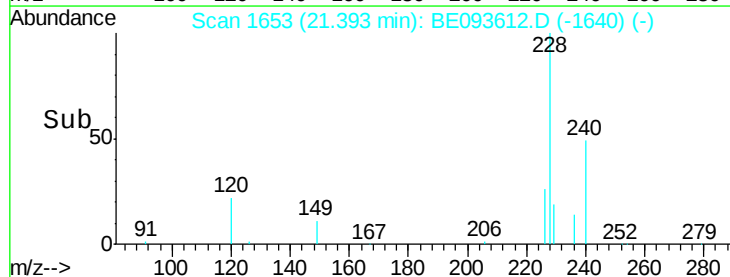
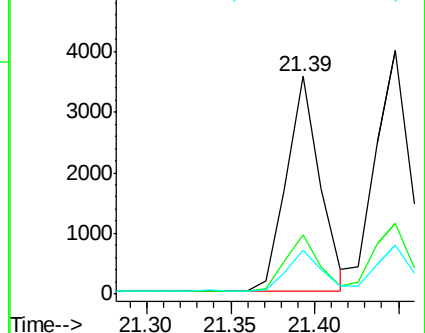
229 20.2 19.2 28.8

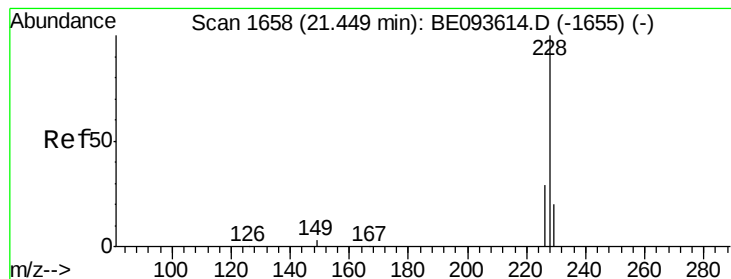


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.105 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

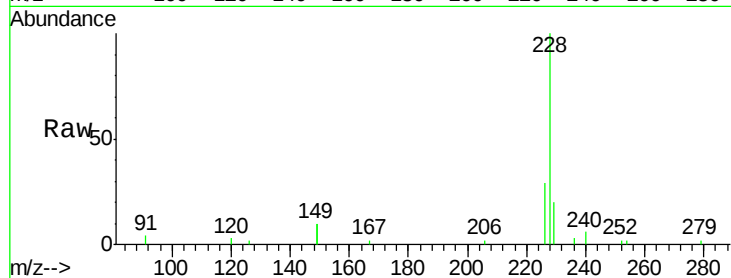
Tgt Ion:228 Resp: 5873

Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

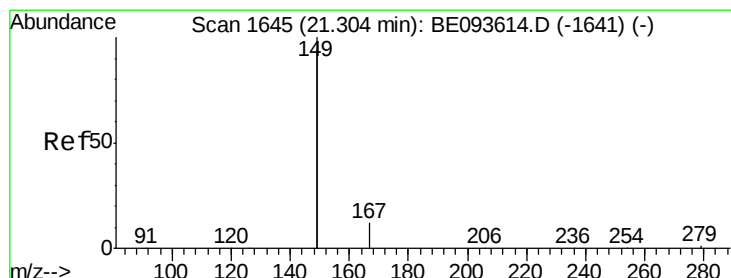
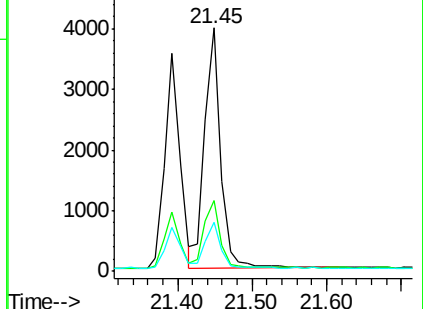
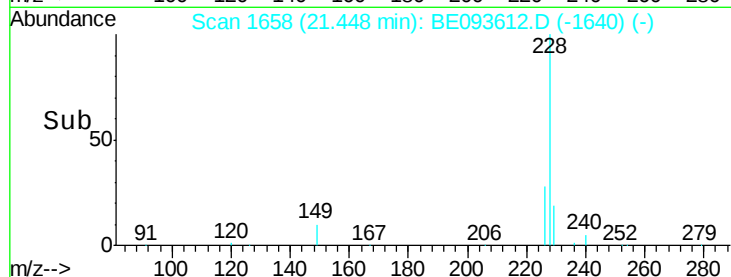
229 20.4 18.6 28.0



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: 0.057 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

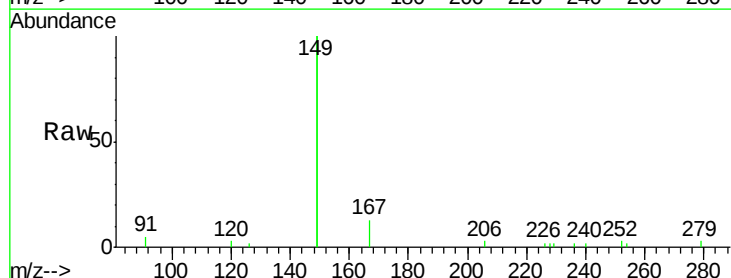
Tgt Ion:149 Resp: 6921

Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

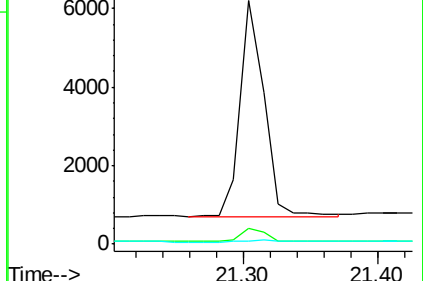
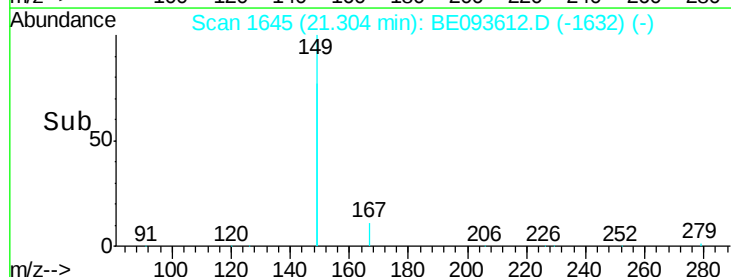
279 1.0 0.8 1.2

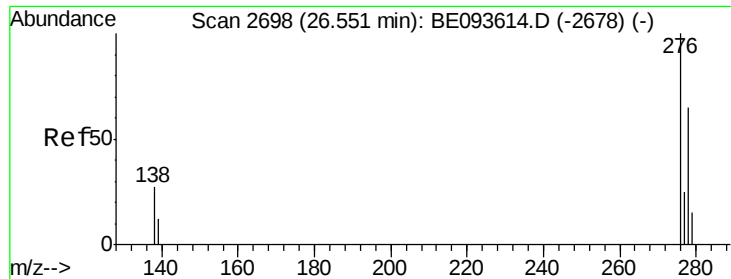


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.099 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

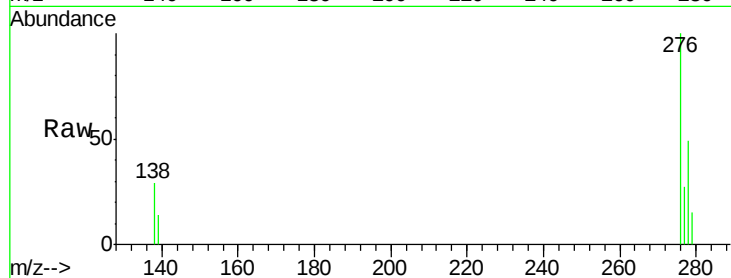
Tgt Ion:276 Resp: 5224

Ion Ratio Lower Upper

276 100

138 27.3 27.4 41.2#

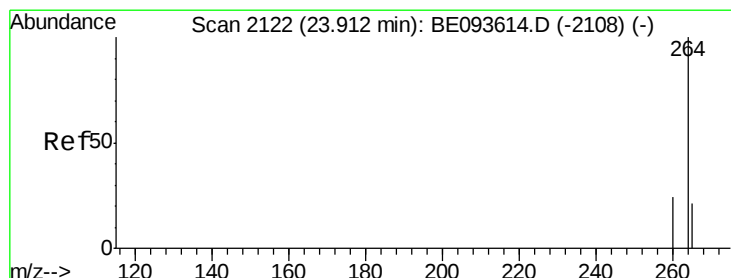
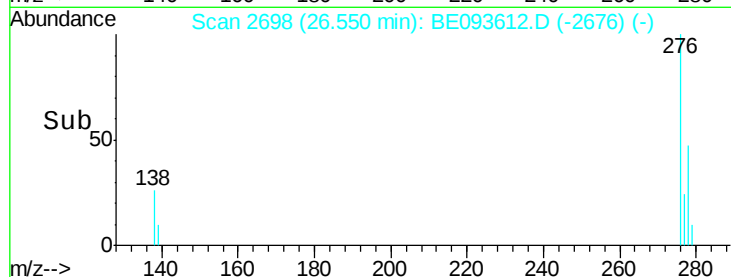
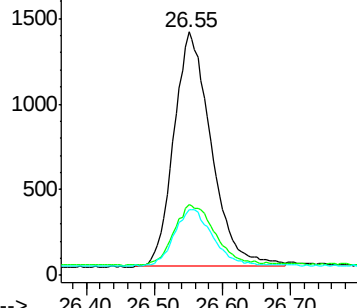
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

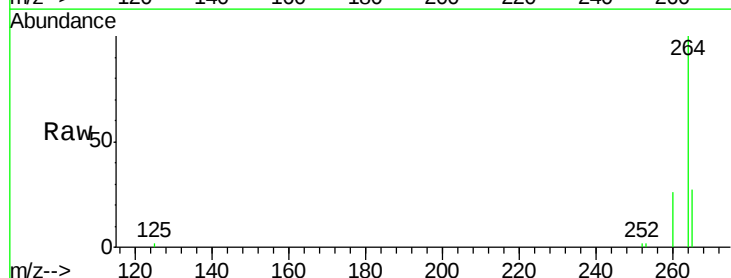
Tgt Ion:264 Resp: 15269

Ion Ratio Lower Upper

264 100

260 25.7 21.0 31.4

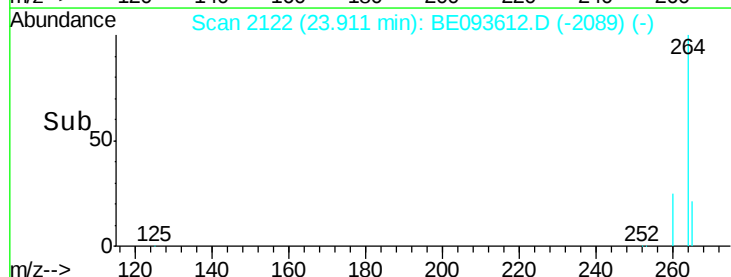
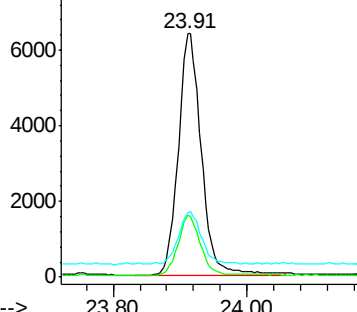
265 26.6 24.6 36.8

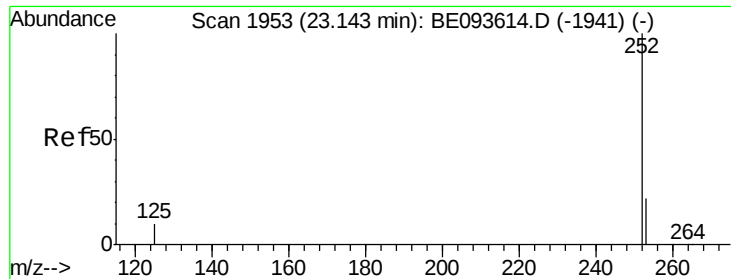


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 23.15 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

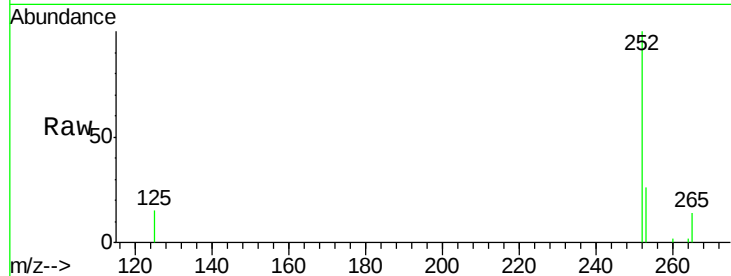
Tgt Ion:252 Resp: 5289

Ion Ratio Lower Upper

252 100

253 25.7 18.5 27.7

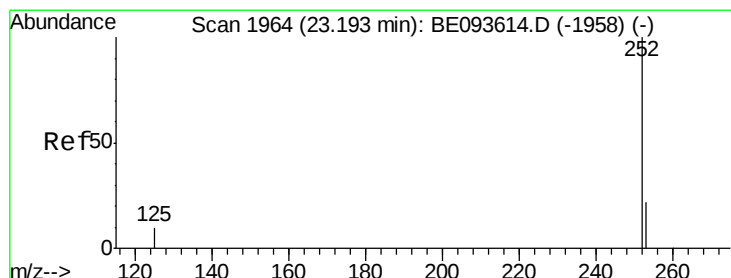
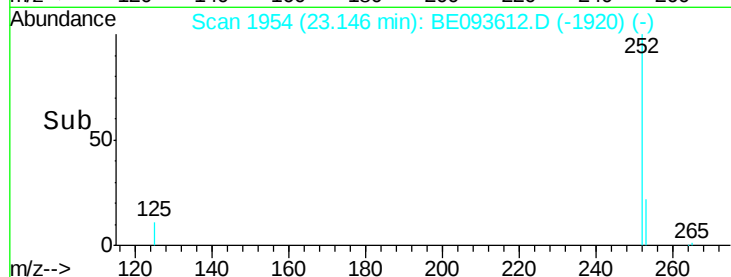
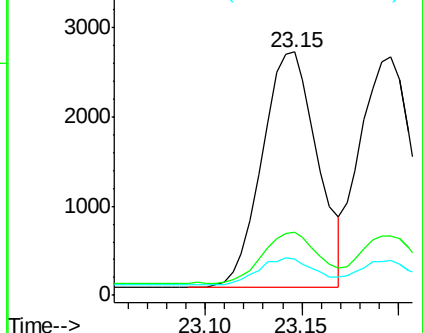
125 14.9 13.4 20.0



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: 0.096 ng

RT: 23.20 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

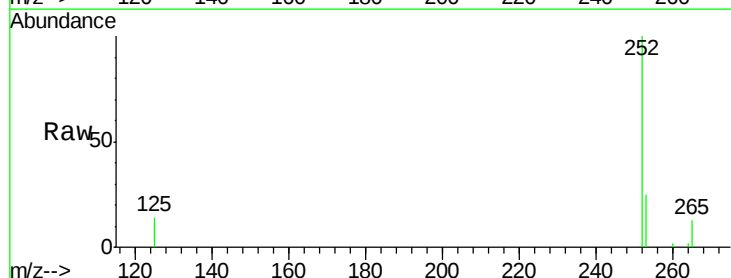
Tgt Ion:252 Resp: 5108

Ion Ratio Lower Upper

252 100

253 25.0 20.3 30.5

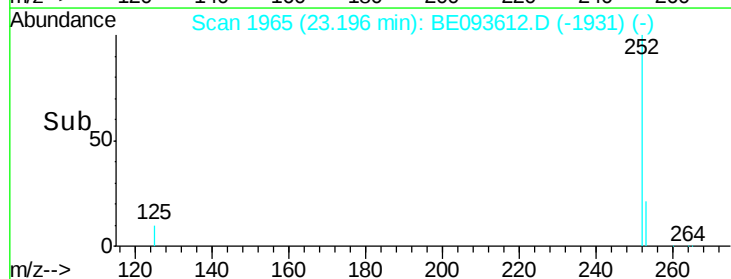
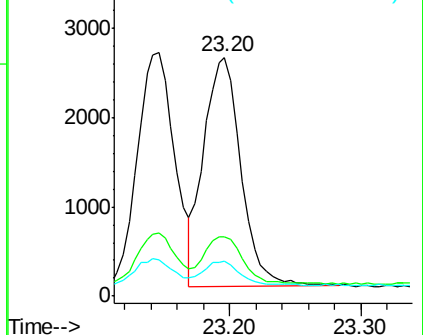
125 14.5 12.2 18.4

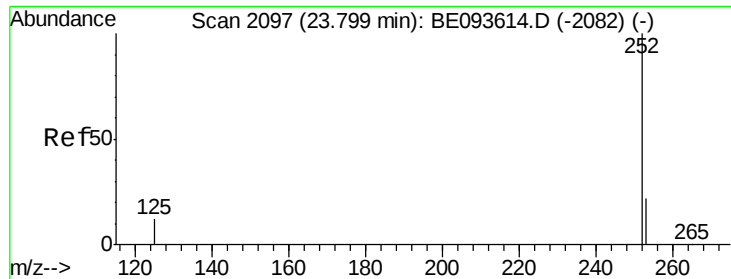


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.80 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

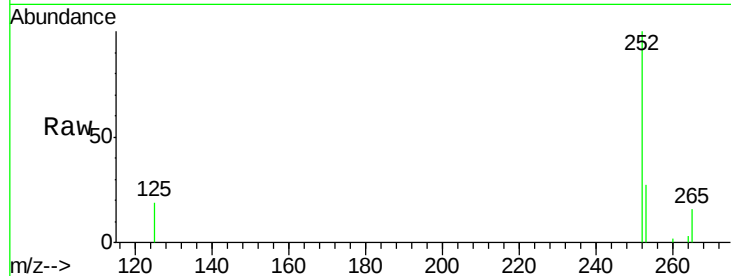
Tgt Ion:252 Resp: 4606

Ion Ratio Lower Upper

252 100

253 27.2 19.9 29.9

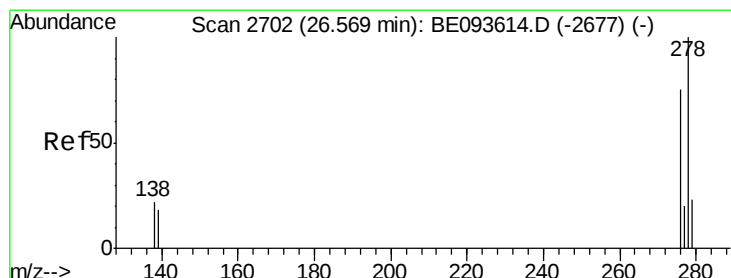
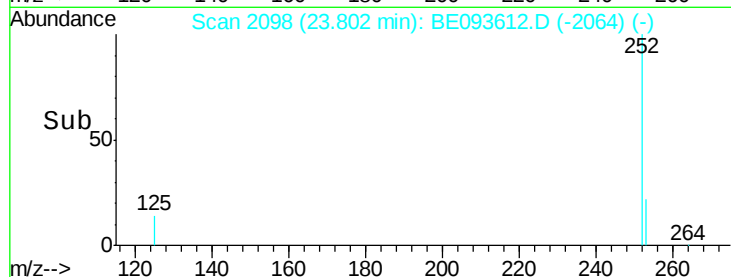
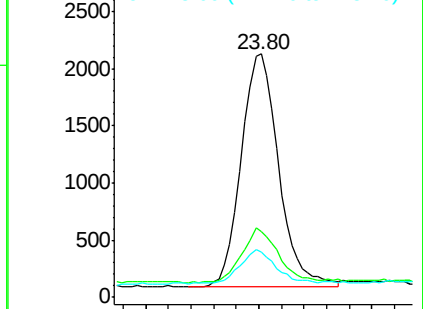
125 18.8 14.6 21.8



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: 0.094 ng

RT: 26.58 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BE093612.D

Acq: 1 Aug 2017 12:21

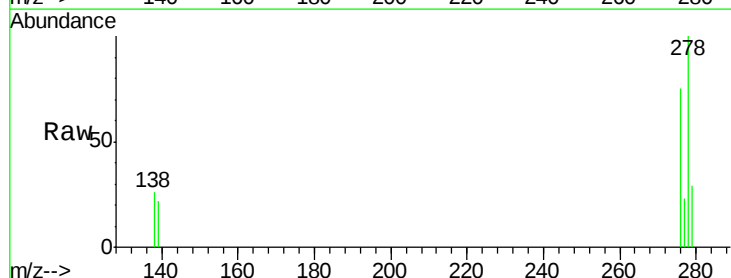
Tgt Ion:278 Resp: 4409

Ion Ratio Lower Upper

278 100

139 22.4 21.4 32.0

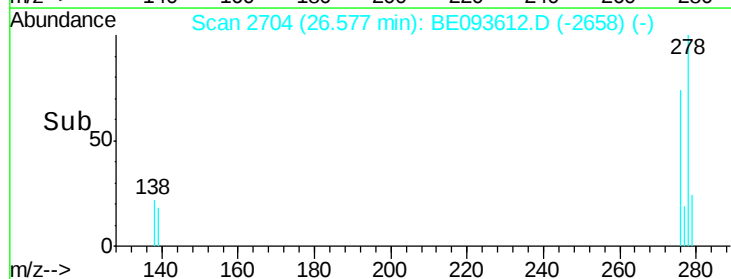
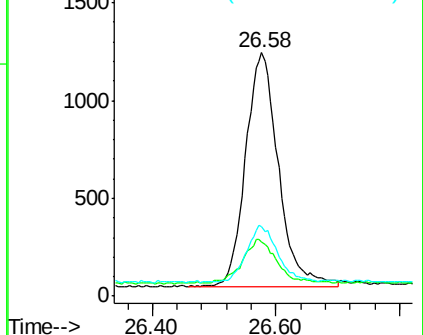
279 28.7 22.2 33.2

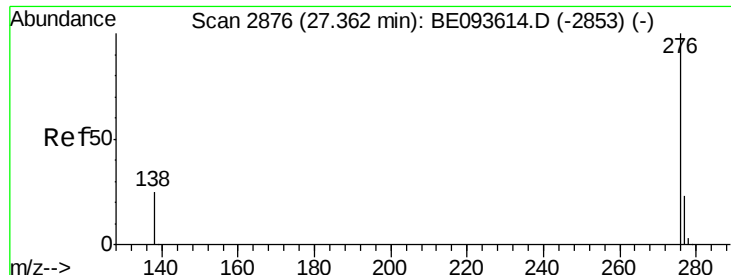


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.098 ng

RT: 27.37 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BE093612.D

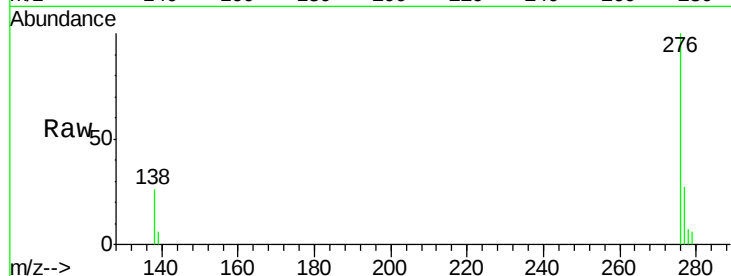
Acq: 1 Aug 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1



Tgt Ion: 276 Resp: 4631

Ion Ratio Lower Upper

276 100

277 26.5 21.2 31.8

138 26.1 24.5 36.7

