

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051117\
 Data File : BE092997.D
 Acq On : 11 May 2017 15:42
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 11 18:47:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	855	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3465	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1713	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4267	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4523	0.40	ng	0.00
34) Perylene-d12	23.70	264	3624	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	823	0.35	ng	0.00
5) Phenol-d6	6.92	99	1038	0.35	ng	-0.02
8) Nitrobenzene-d5	8.88	82	954	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	1767	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	150	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2379	0.35	ng	0.00
25) Fluoranthene-d10	19.14	212	3823	0.34	ng	-0.02
29) Terphenyl-d14	19.74	244	2666	0.33	ng	0.00

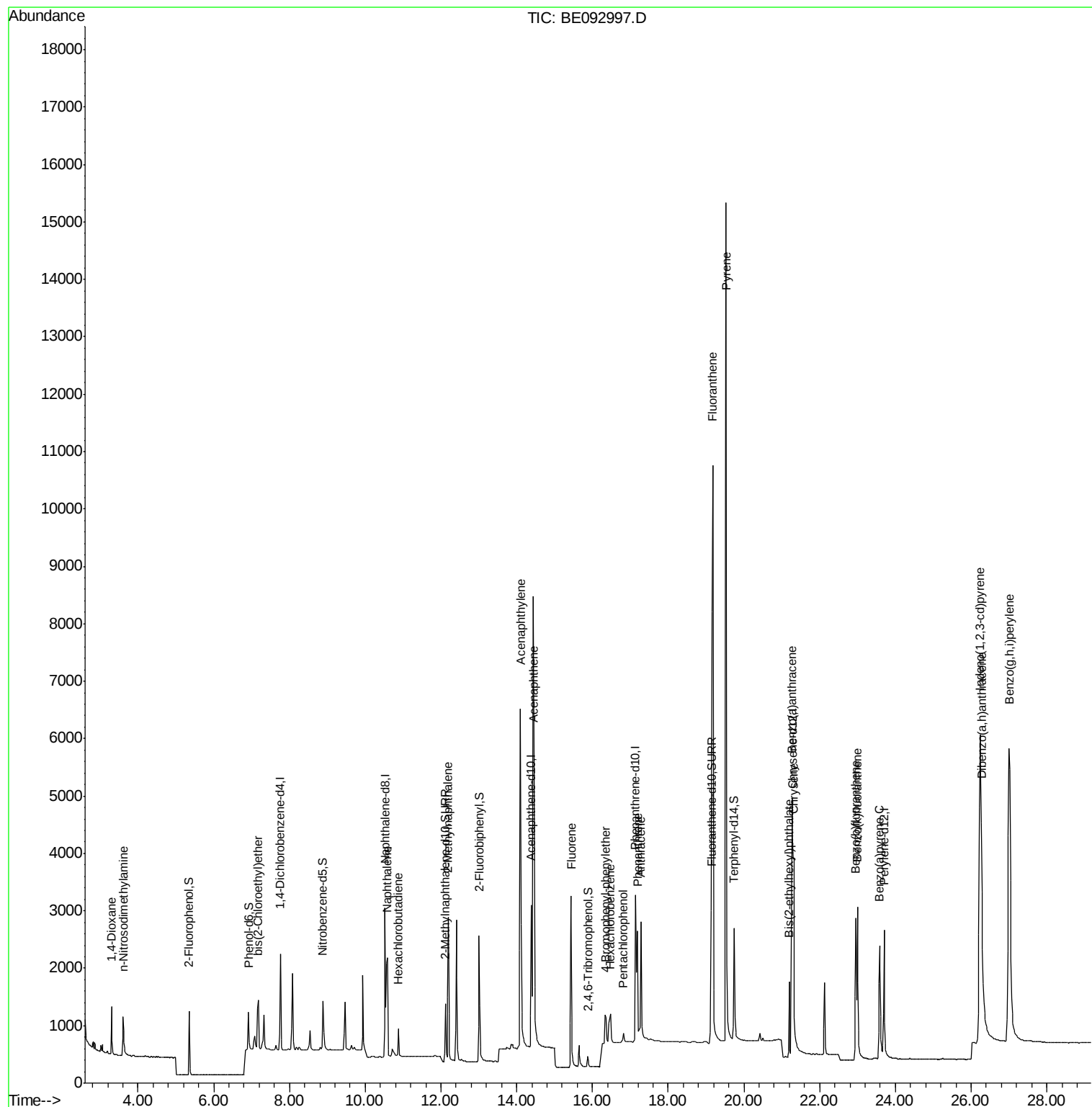
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	593	0.35	ng	98
3) n-Nitrosodimethylamine	3.61	42	511	0.35	ng	99
6) bis(2-Chloroethyl)ether	7.18	93	1013	0.35	ng	# 99
9) Naphthalene	10.58	128	3290	0.36	ng	99
10) Hexachlorobutadiene	10.87	225	444	0.35	ng	97
12) 2-Methylnaphthalene	12.19	142	1955	0.36	ng	97
16) Acenaphthylene	14.10	152	9774	0.34	ng	100
17) Acenaphthene	14.46	154	1855	0.35	ng	98
18) Fluorene	15.44	166	2318	0.35	ng	100
20) 4-Bromophenyl-phenylether	16.36	248	459	0.34	ng	94
21) Hexachlorobenzene	16.47	284	718	0.33	ng	# 100
22) Pentachlorophenol	16.82	266	190	0.43	ng	95
23) Phenanthrene	17.19	178	3483	0.35	ng	99
24) Anthracene	17.28	178	3188	0.36	ng	99
26) Fluoranthene	19.18	202	18095	0.33	ng	# 98
28) Pyrene	19.53	202	20337	0.36	ng	# 99
30) Benzo(a)anthracene	21.27	228	3794	0.34	ng	99
31) Chrysene	21.32	228	4981	0.36	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	1298	0.34	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	15589	0.35	ng	98
35) Benzo(b)fluoranthene	22.95	252	4290	0.37	ng	99
36) Benzo(k)fluoranthene	23.01	252	3656	0.31	ng	99
37) Benzo(a)pyrene	23.58	252	3581	0.35	ng	100
38) Dibenzo(a,h)anthracene	26.27	278	3212	0.35	ng	97
39) Benzo(g,h,i)perylene	27.00	276	14514	0.35	ng	98

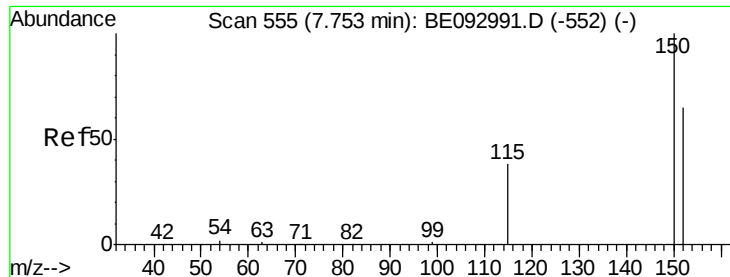
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

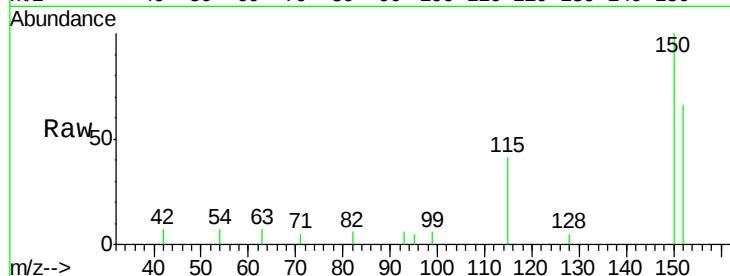
Tgt Ion: 152 Resp: 855

Ion Ratio Lower Upper

152 100

150 150.6 125.1 187.7

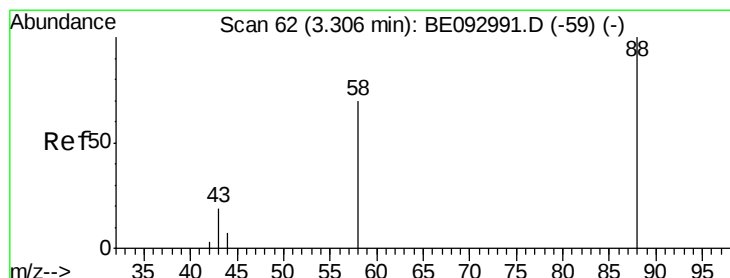
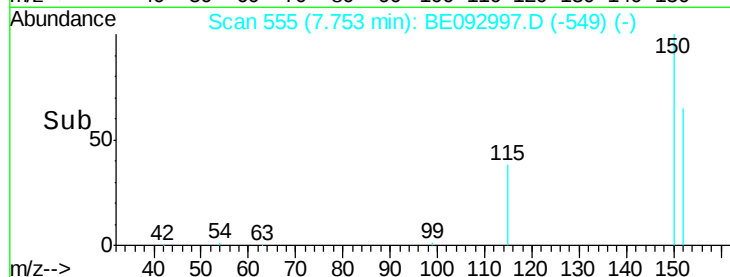
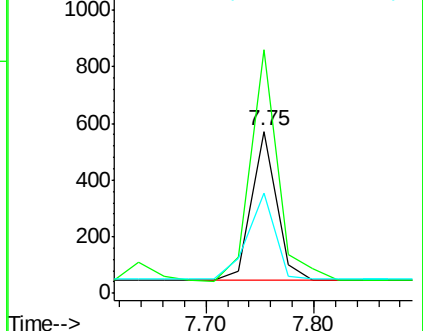
115 62.2 55.7 83.5



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: 0.35 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

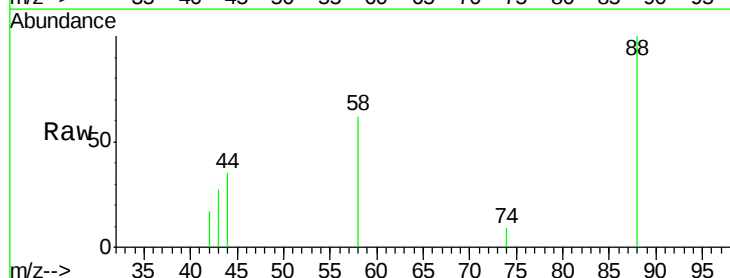
Tgt Ion: 88 Resp: 593

Ion Ratio Lower Upper

88 100

58 76.7 62.2 93.4

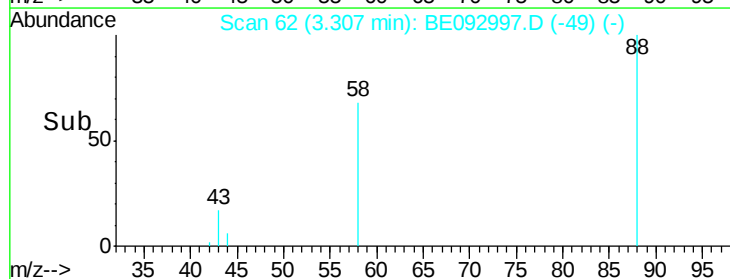
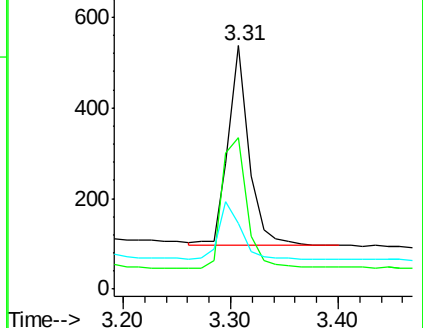
43 30.4 23.2 34.8

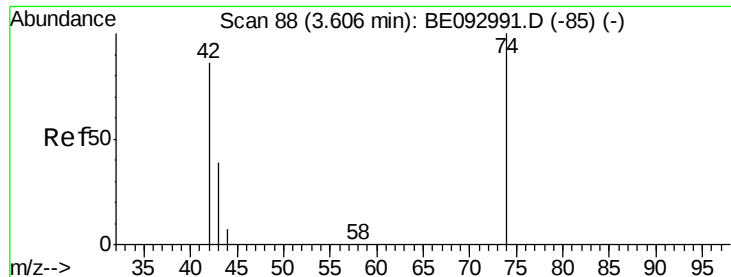


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

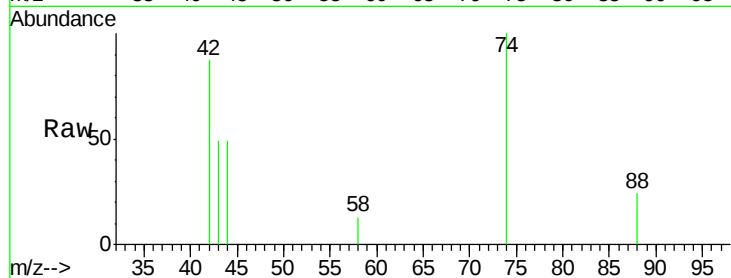
Tgt Ion: 42 Resp: 511

Ion Ratio Lower Upper

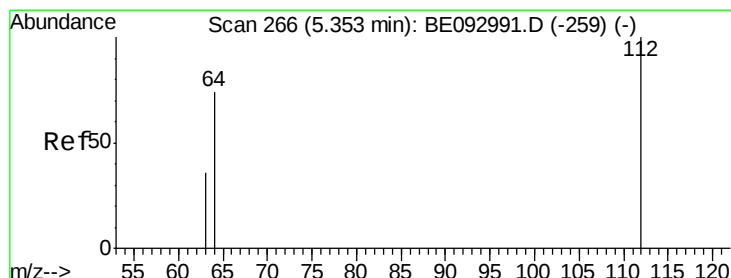
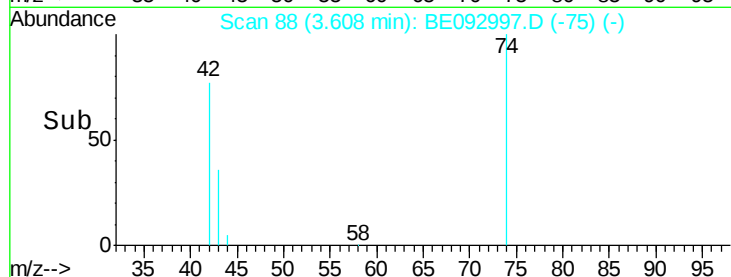
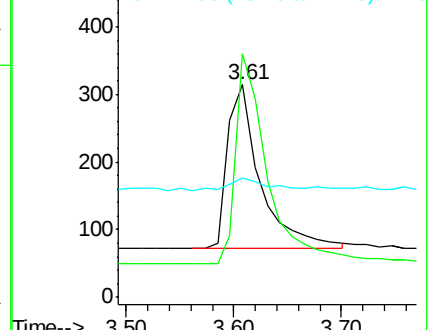
42 100

74 122.7 99.1 148.7

44 8.6 7.4 11.2



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

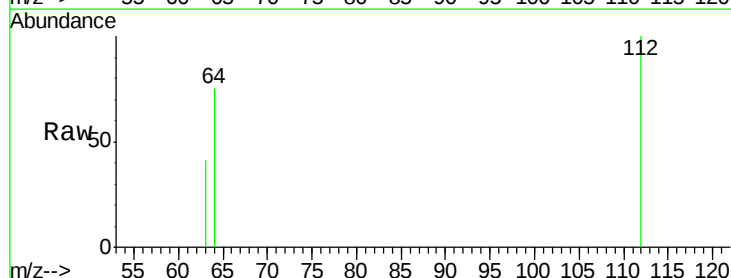
Tgt Ion: 112 Resp: 823

Ion Ratio Lower Upper

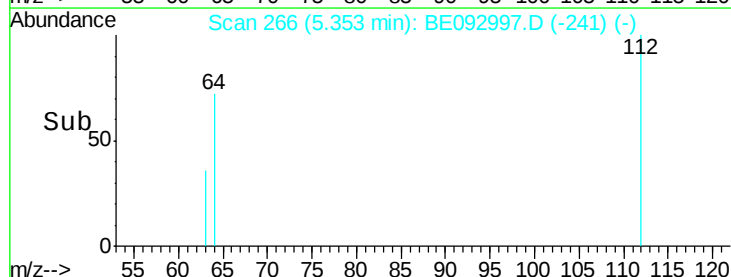
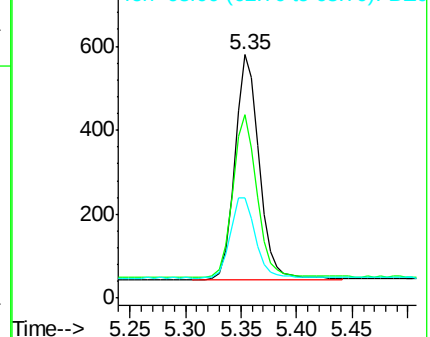
112 100

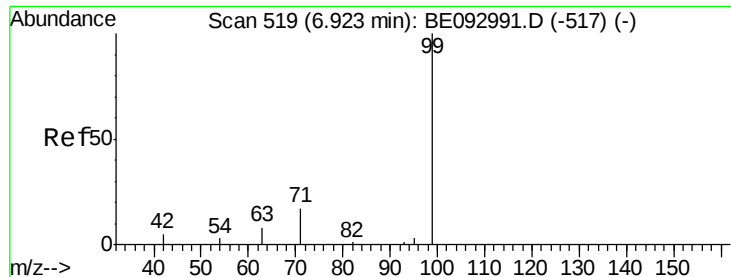
64 71.7 56.4 84.6

63 36.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

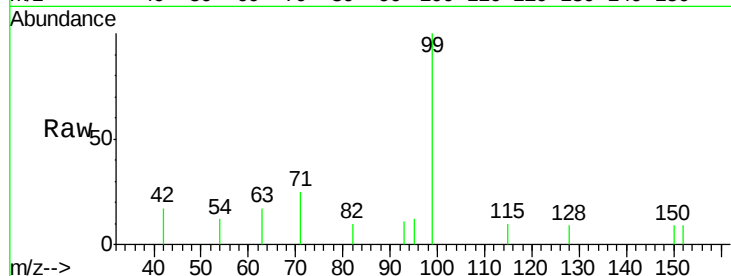
Tgt Ion: 99 Resp: 1038

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

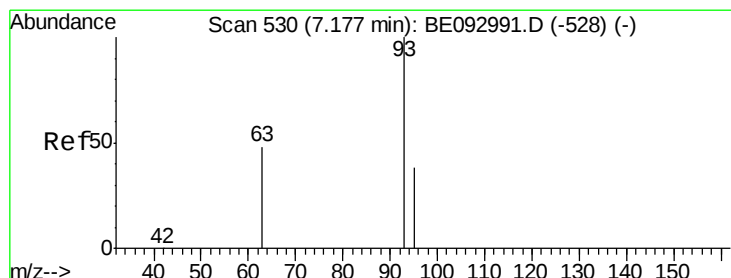
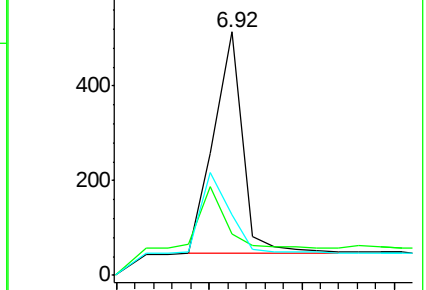
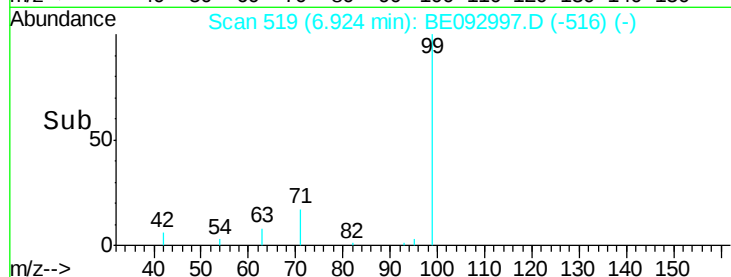
71 0.0 0.0 0.0



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: 0.35 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

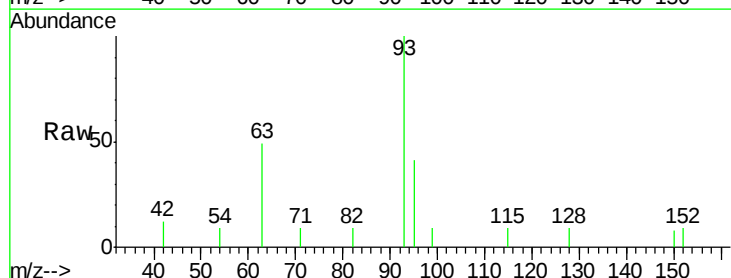
Tgt Ion: 93 Resp: 1013

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

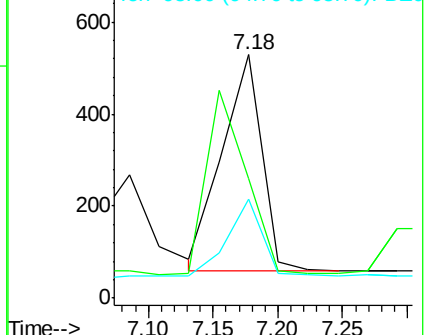
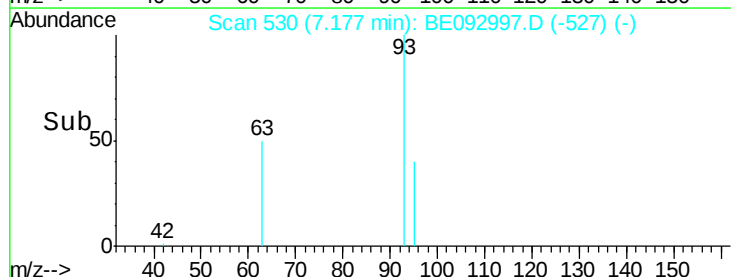
95 31.1 25.4 38.0

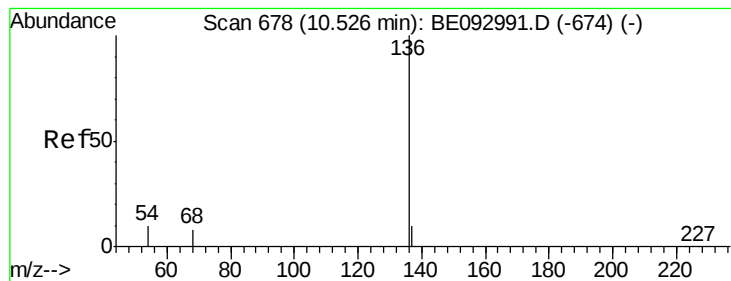


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3465

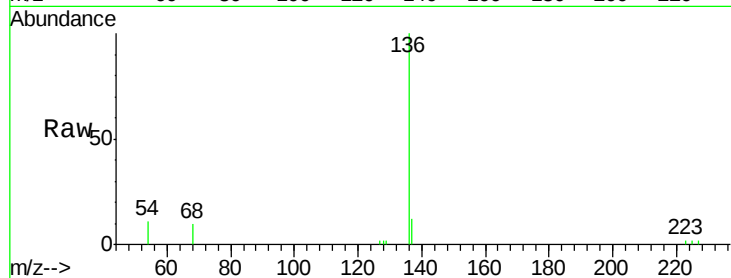
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 11.5 10.3 15.5

68 10.2 9.0 13.4

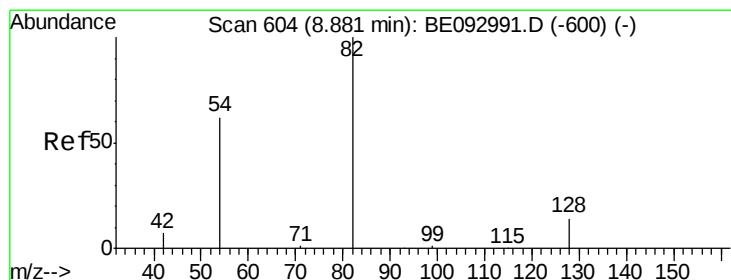
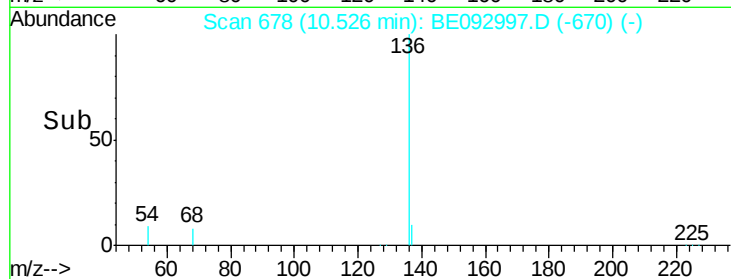
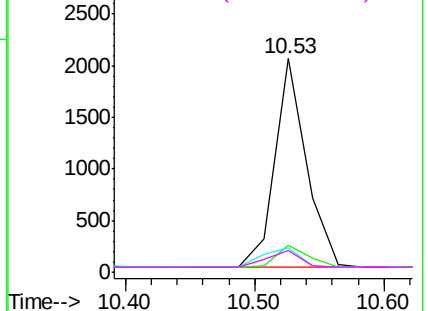


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

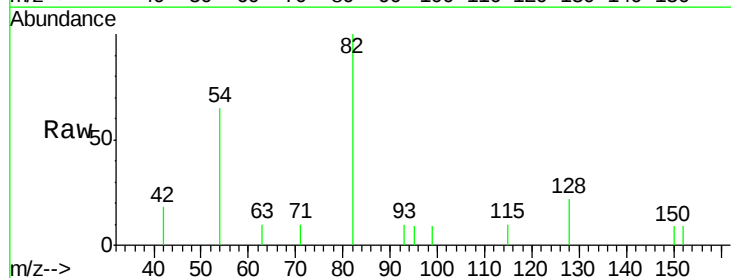
Tgt Ion: 82 Resp: 954

Ion Ratio Lower Upper

82 100

128 22.0 17.0 25.4

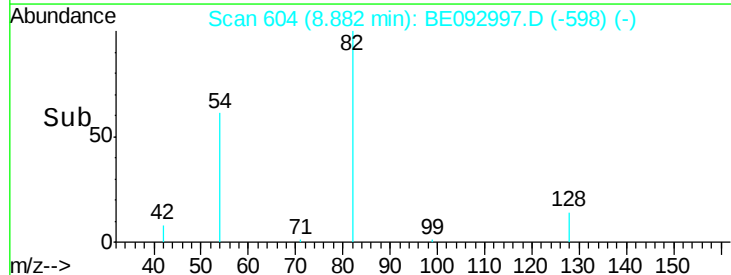
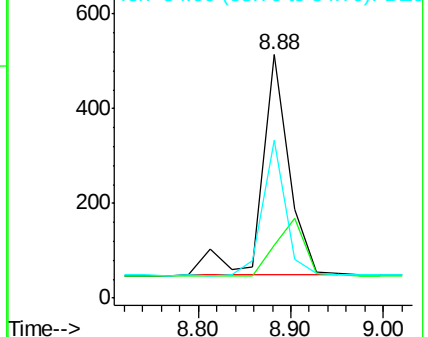
54 64.8 53.8 80.6

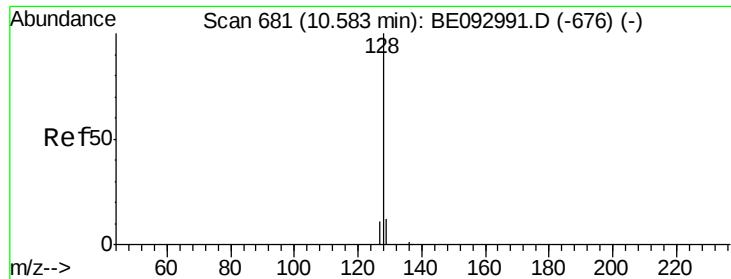


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

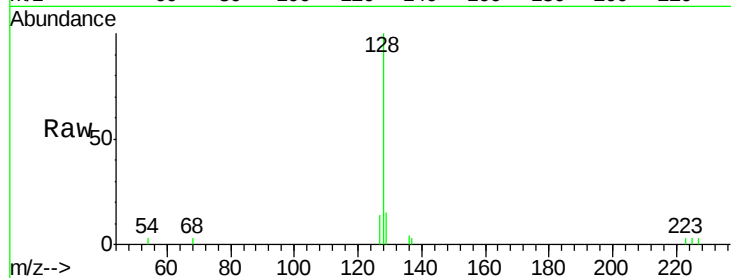
Tgt Ion:128 Resp: 3290

Ion Ratio Lower Upper

128 100

129 14.9 11.4 17.0

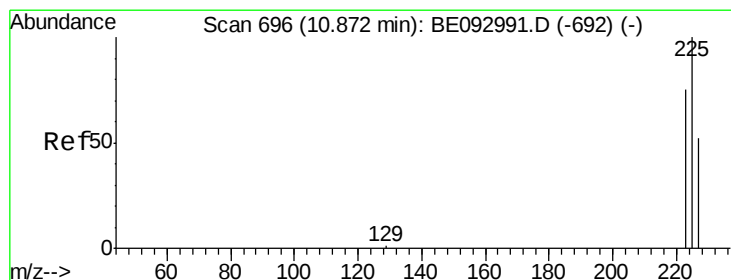
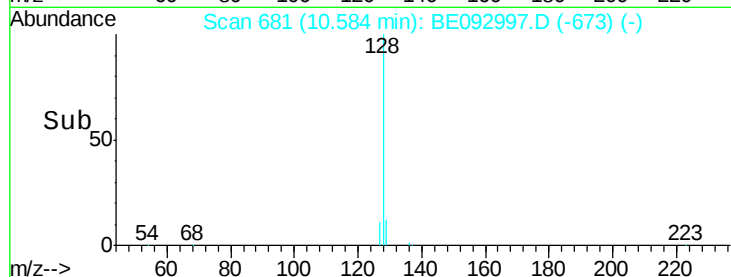
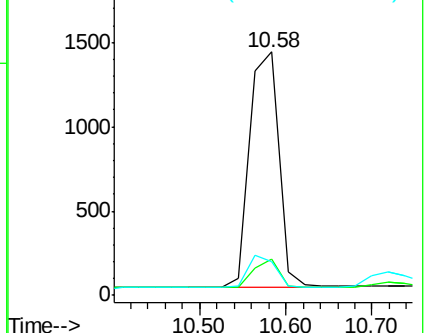
127 13.8 11.2 16.8



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: 0.35 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

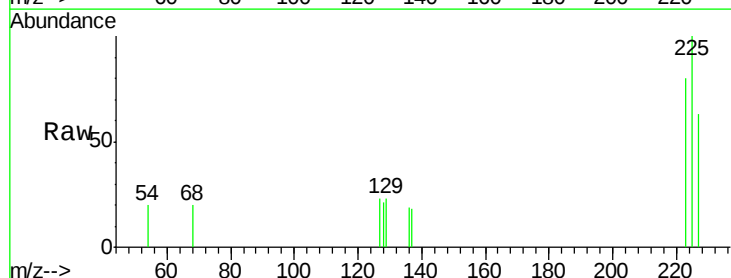
Tgt Ion:225 Resp: 444

Ion Ratio Lower Upper

225 100

223 64.9 49.7 74.5

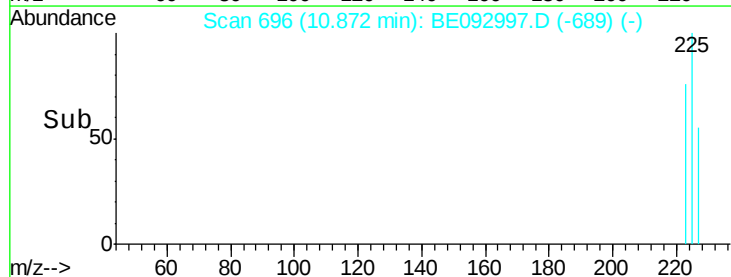
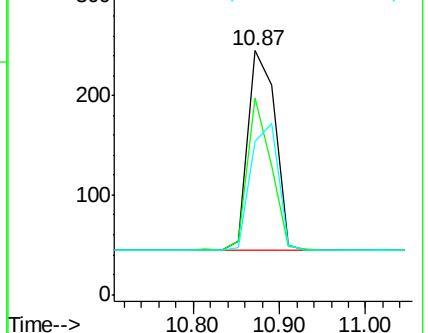
227 64.4 50.3 75.5

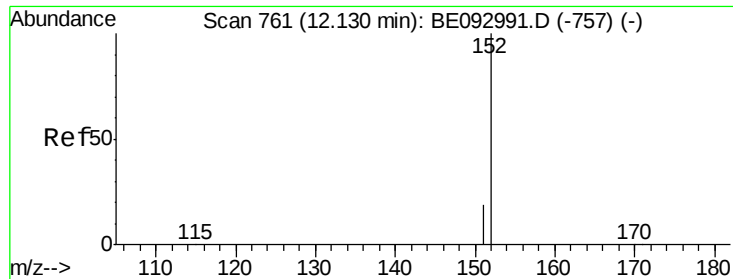


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

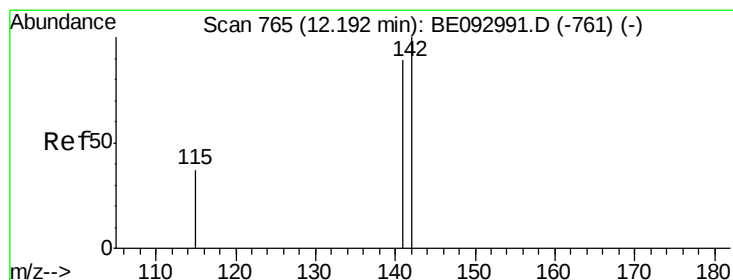
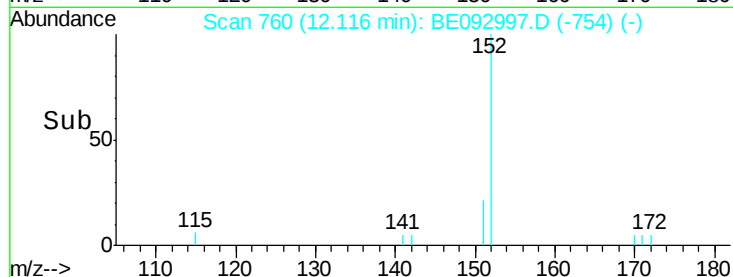
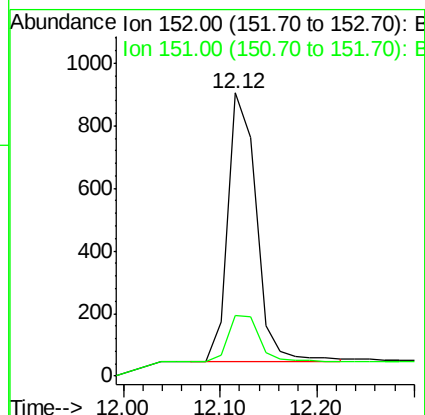
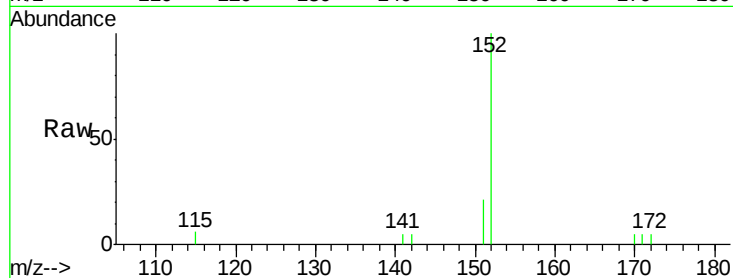




#11
 2-Methylnaphthalene-d10
 Concen: 0.36 ng
 RT: 12.12 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE092997.D
 Acq: 11 May 2017 15:42

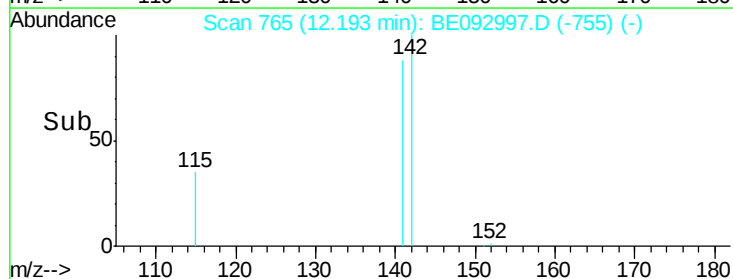
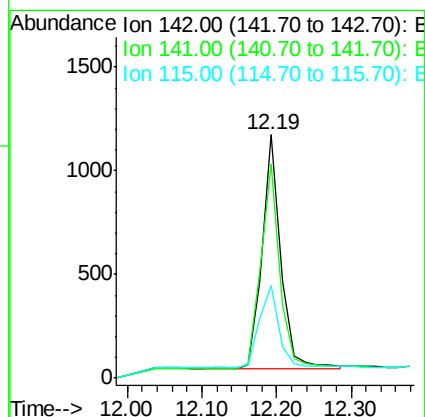
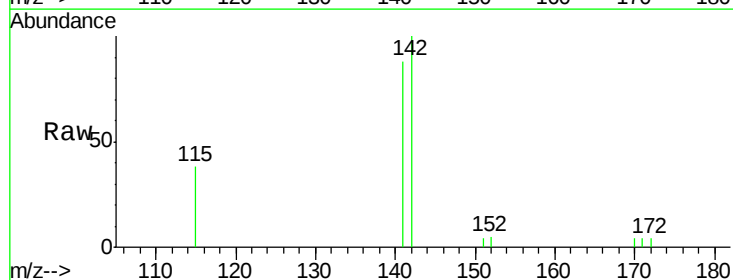
Instrument :
 BNA_E
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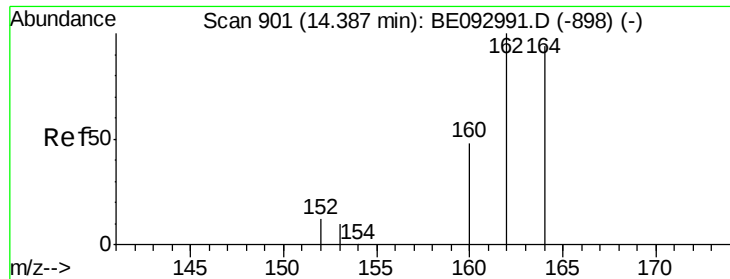
Tgt Ion:152 Resp: 1767
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.36 ng
 RT: 12.19 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE092997.D
 Acq: 11 May 2017 15:42

Tgt Ion:142 Resp: 1955
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.6 108.8
 115 37.8 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

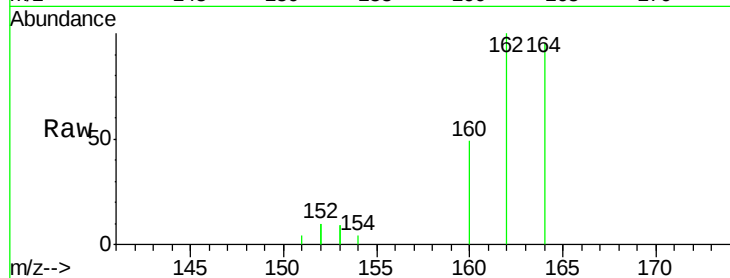
Tgt Ion:164 Resp: 1713

Ion Ratio Lower Upper

164 100

162 105.5 84.6 127.0

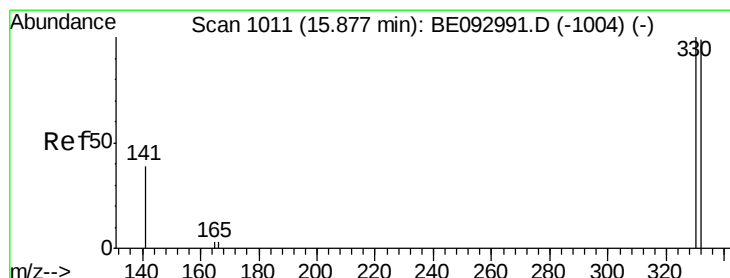
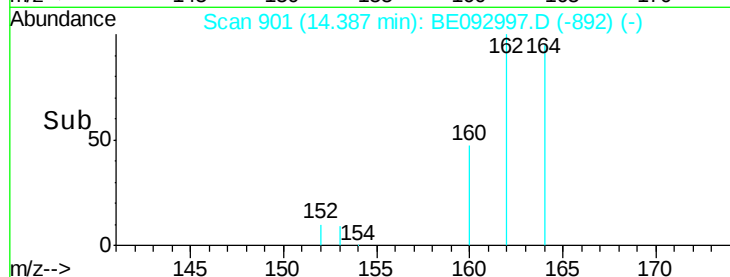
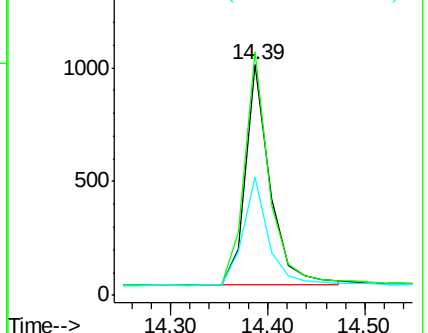
160 51.5 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.32 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

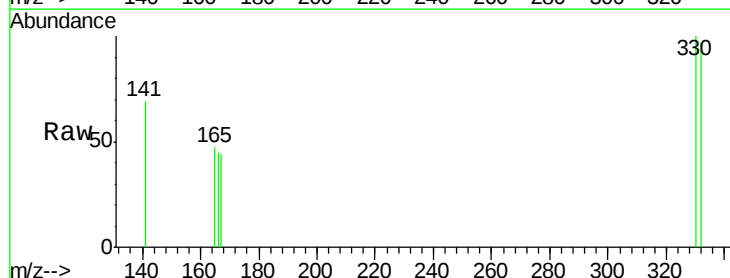
Tgt Ion:330 Resp: 150

Ion Ratio Lower Upper

330 100

332 98.0 77.7 116.5

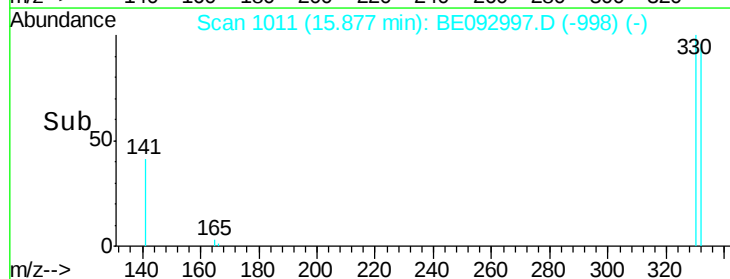
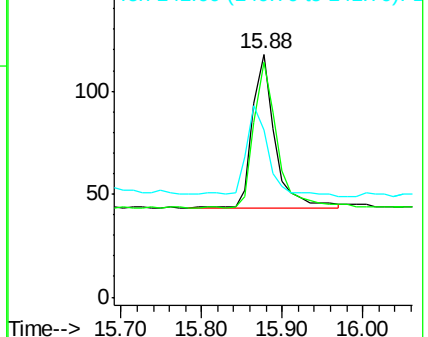
141 58.7 56.2 84.4

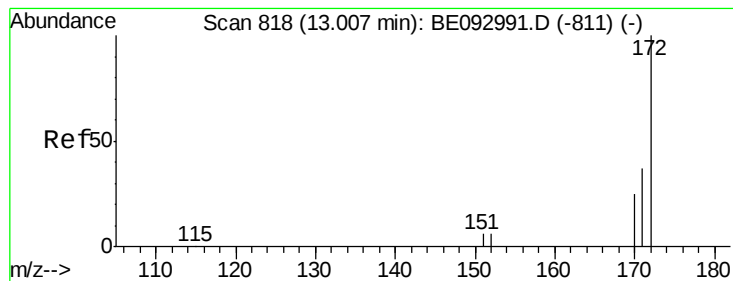


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.35 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

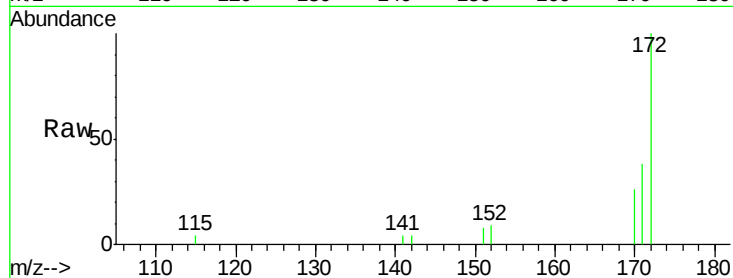
Tgt Ion:172 Resp: 2379

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

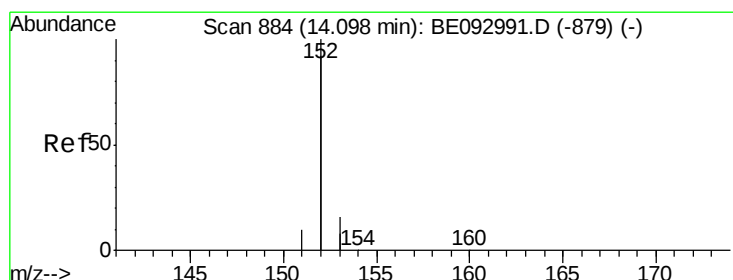
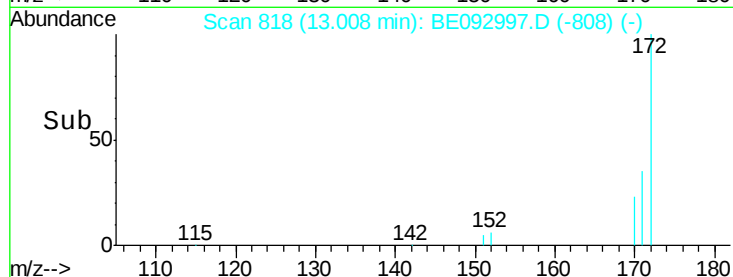
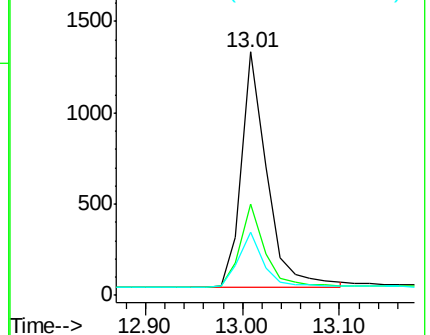
170 26.0 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.34 ng

RT: 14.10 min Scan# 884

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

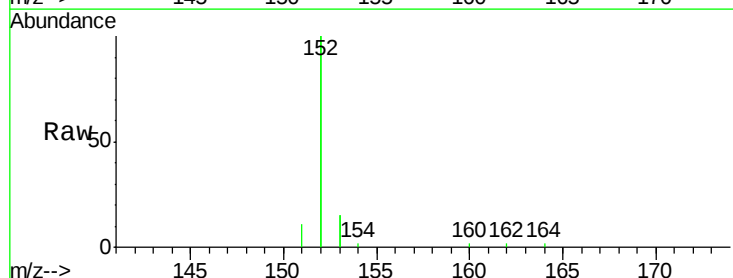
Tgt Ion:152 Resp: 9774

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

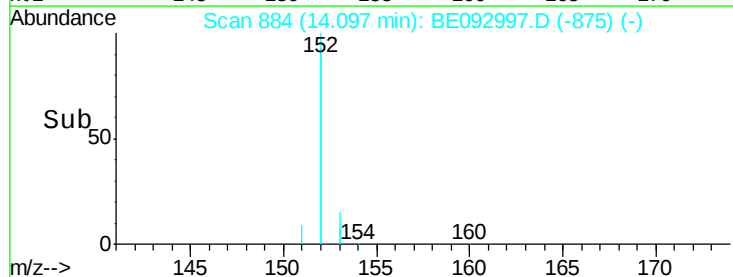
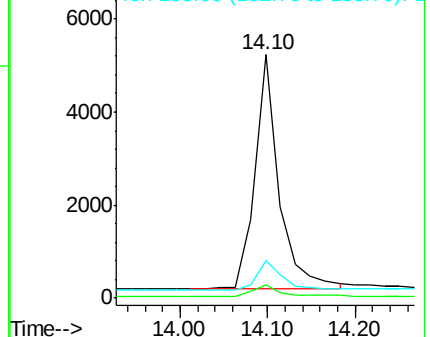
153 12.8 10.3 15.5

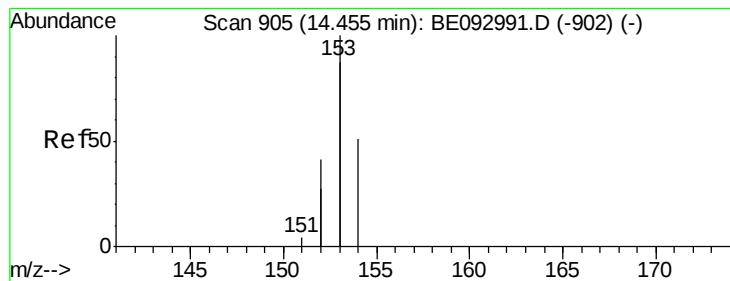


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.35 ng

RT: 14.46 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

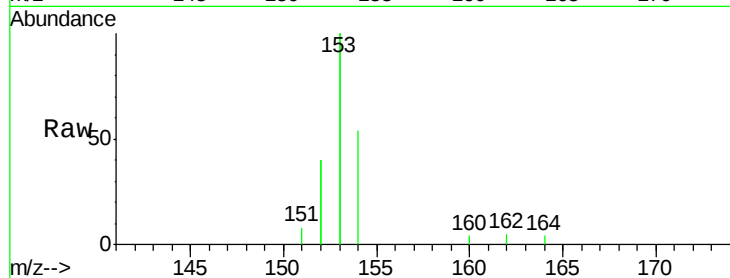
Tgt Ion:154 Resp: 1855

Ion Ratio Lower Upper

154 100

153 464.1 367.8 551.6

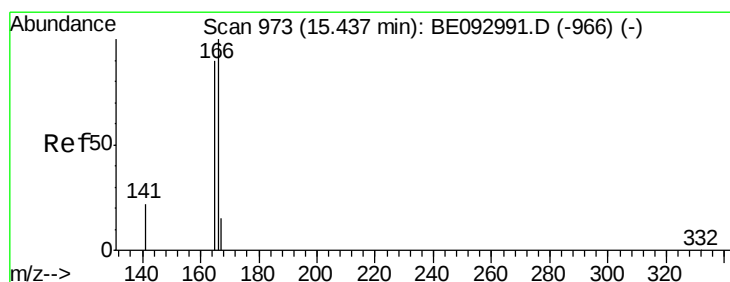
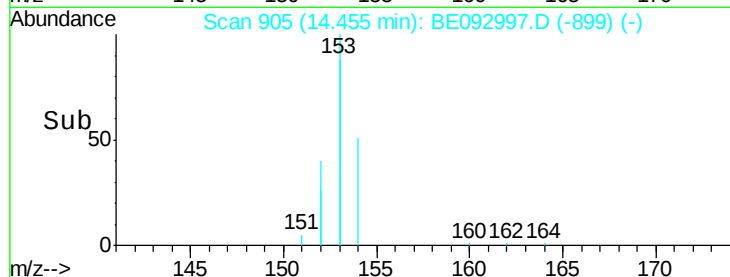
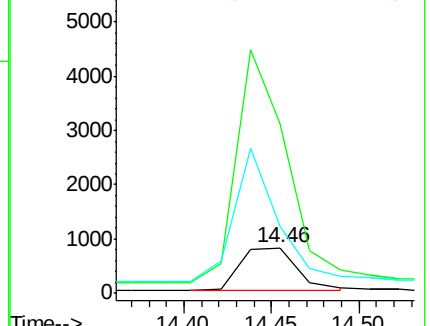
152 231.5 188.2 282.2



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: 0.35 ng

RT: 15.44 min Scan# 973

Delta R.T. 0.01 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

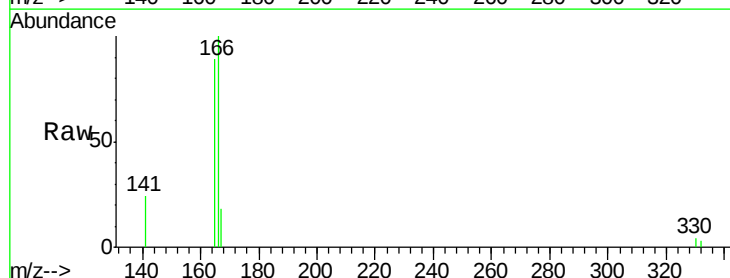
Tgt Ion:166 Resp: 2318

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

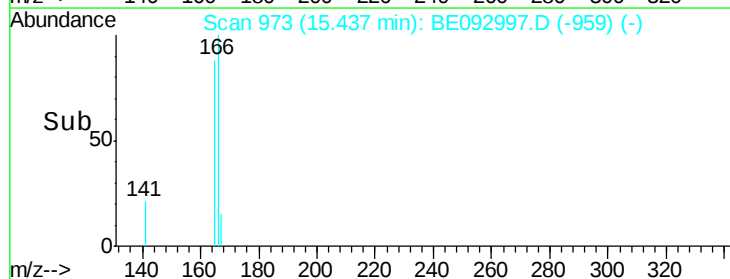
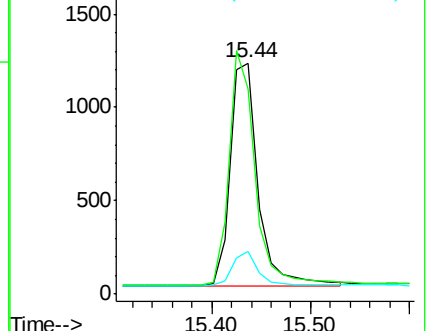
167 14.2 11.1 16.7

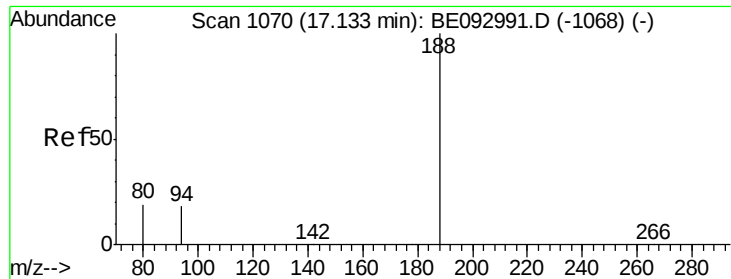


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

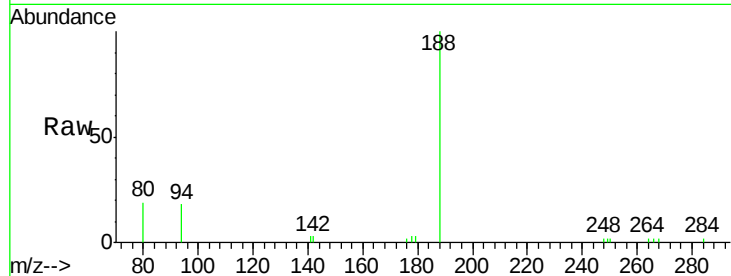




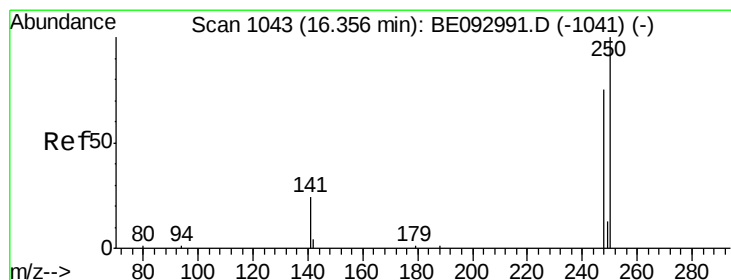
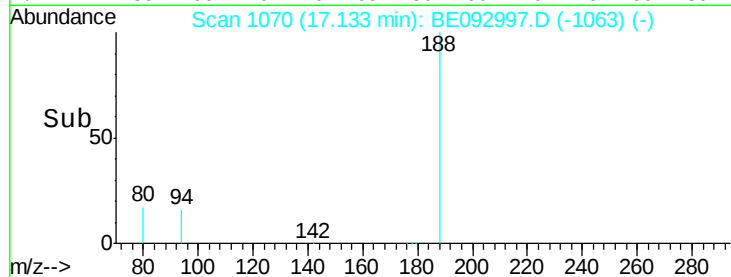
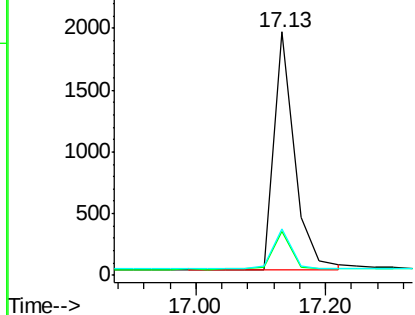
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4267
Ion Ratio Lower Upper
188 100
94 18.1 11.3 16.9#
80 19.3 11.7 17.5#

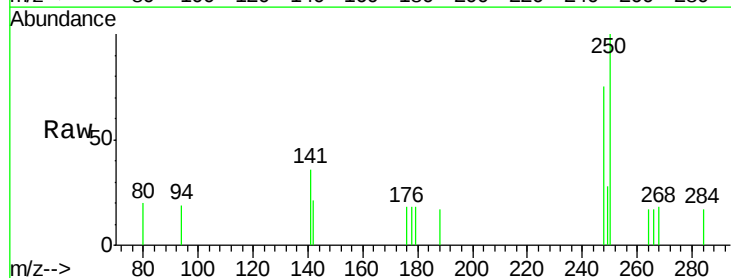


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

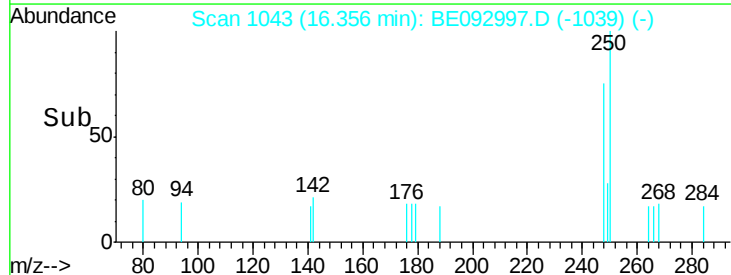
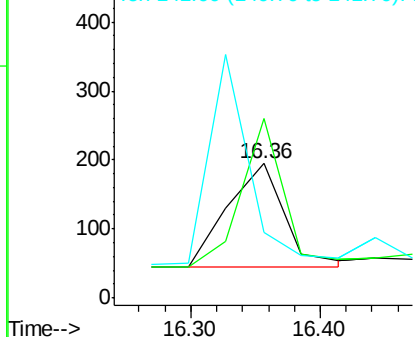


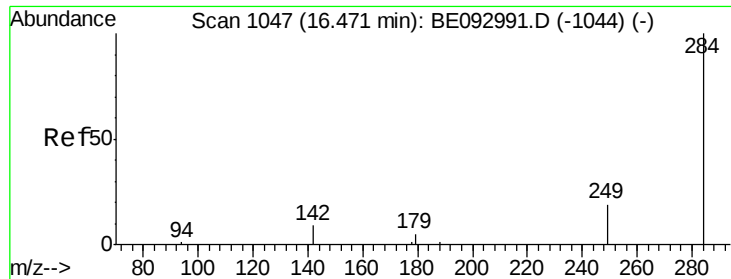
#20
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.36 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:248 Resp: 459
Ion Ratio Lower Upper
248 100
250 133.3 100.0 150.0
141 48.2 40.0 60.0



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

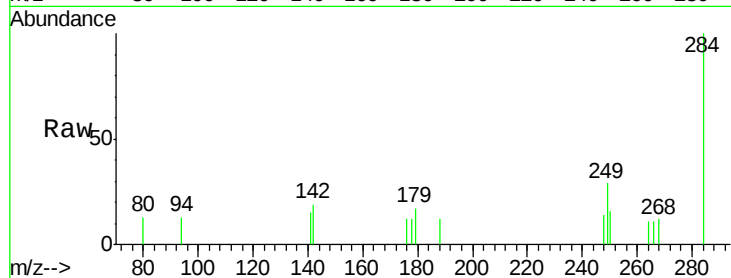




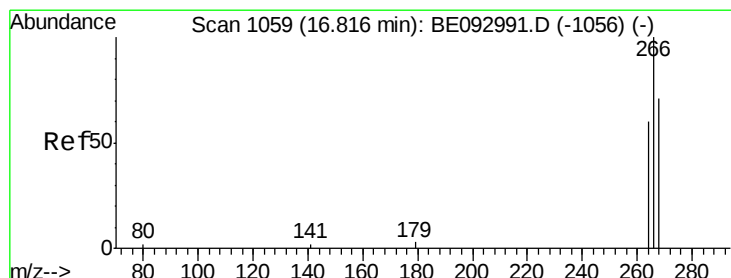
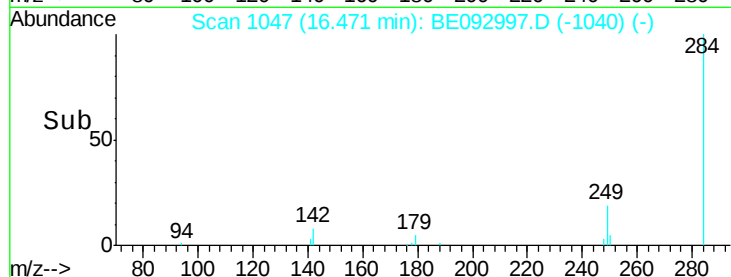
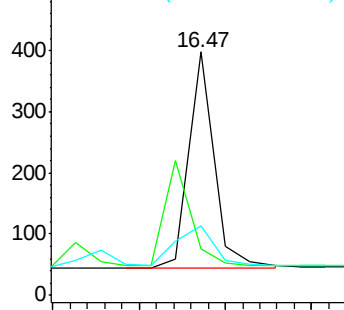
#21
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 718
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 28.6 0.0 0.0#

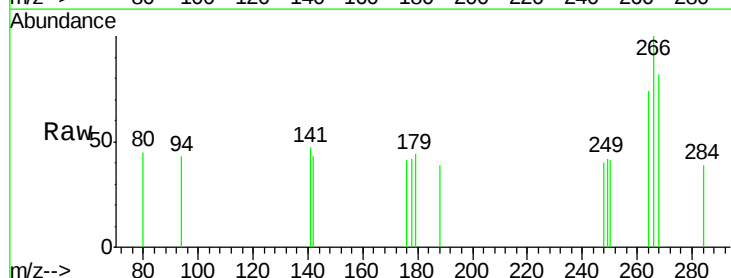


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

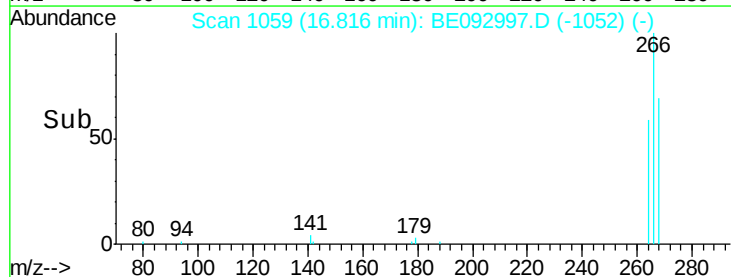
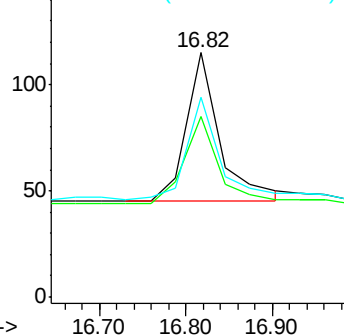


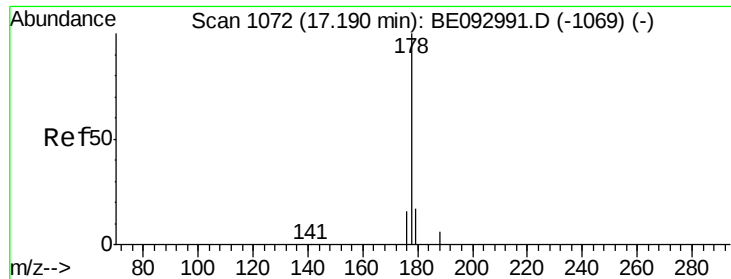
#22
Pentachlorophenol
Concen: 0.43 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion: 266 Resp: 190
Ion Ratio Lower Upper
266 100
264 73.9 58.2 87.2
268 81.7 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: 0.35 ng

RT: 17.19 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

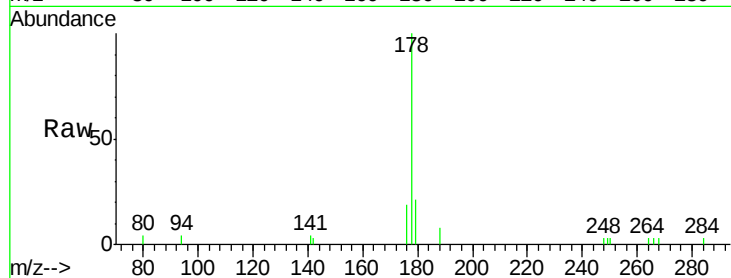
Tgt Ion:178 Resp: 3483

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

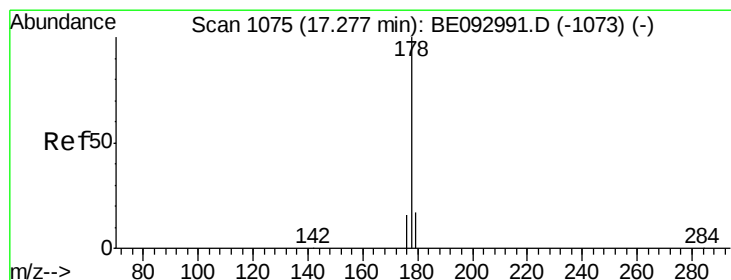
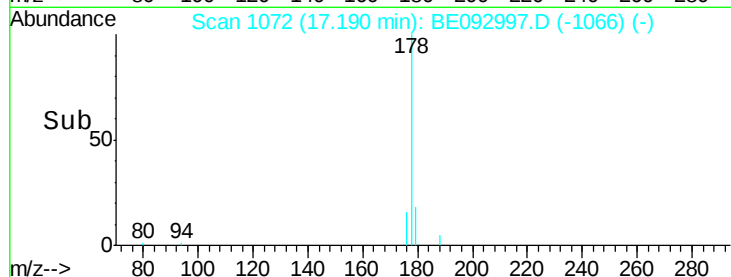
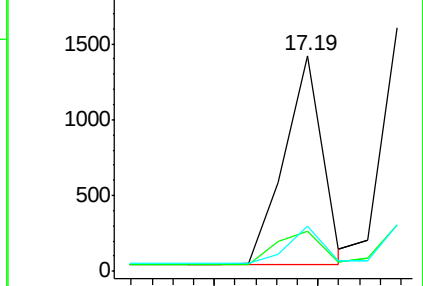
179 16.4 12.7 19.1



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: 0.36 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

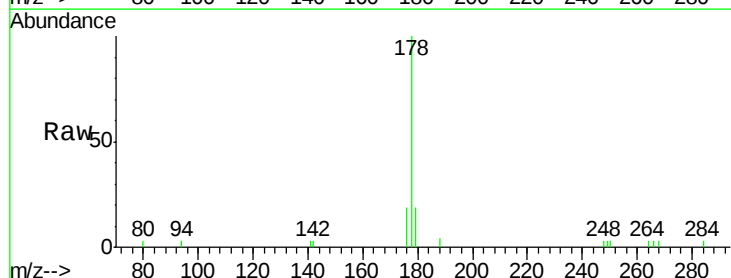
Tgt Ion:178 Resp: 3188

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

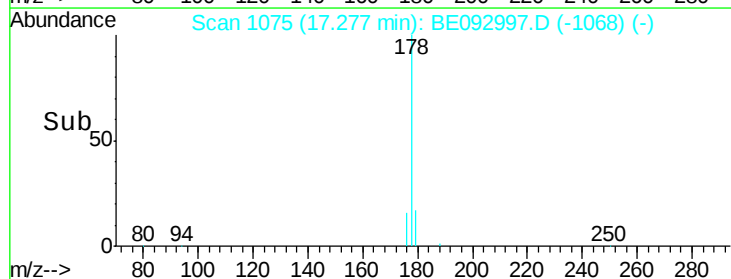
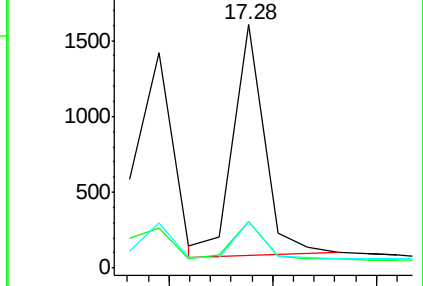
179 15.1 12.0 18.0

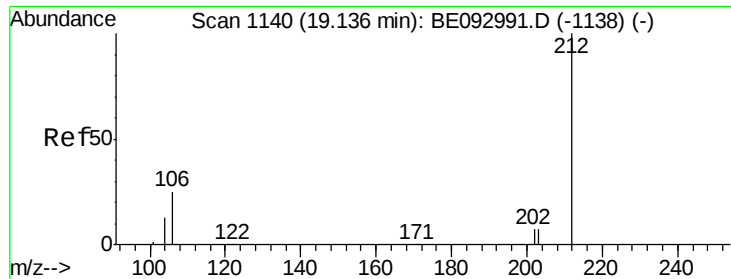


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.34 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

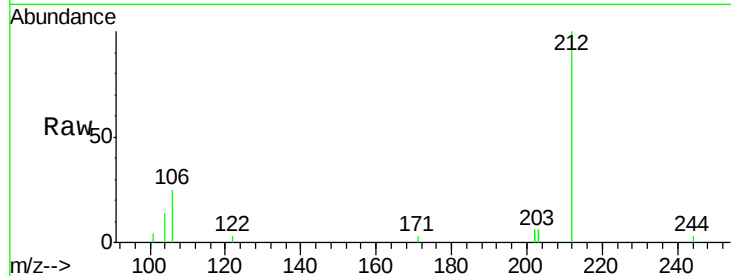
Tgt Ion:212 Resp: 3823

Ion Ratio Lower Upper

212 100

106 17.1 0.0 0.0#

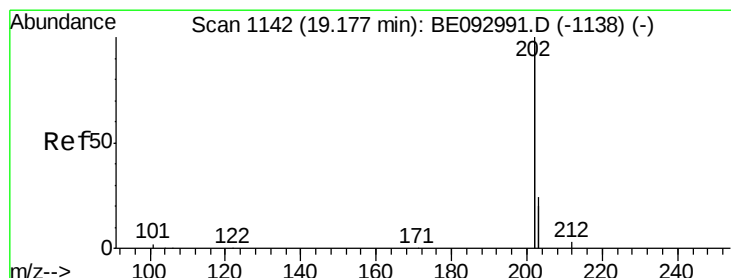
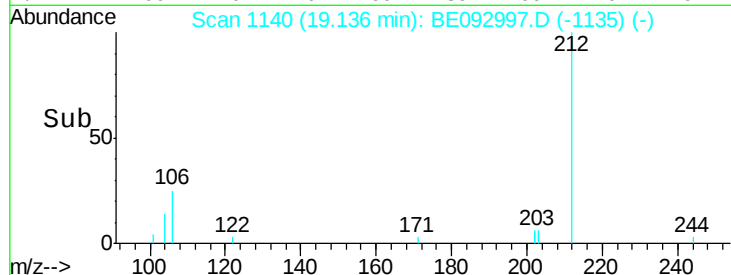
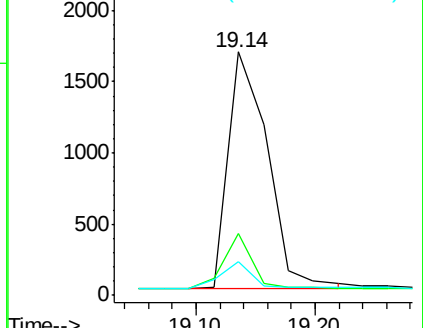
104 9.3 0.0 0.0#



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: 0.33 ng

RT: 19.18 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

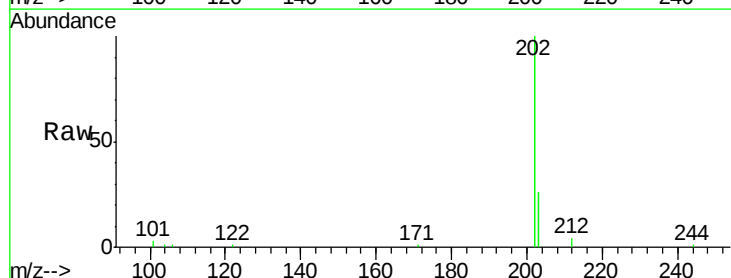
Tgt Ion:202 Resp: 18095

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

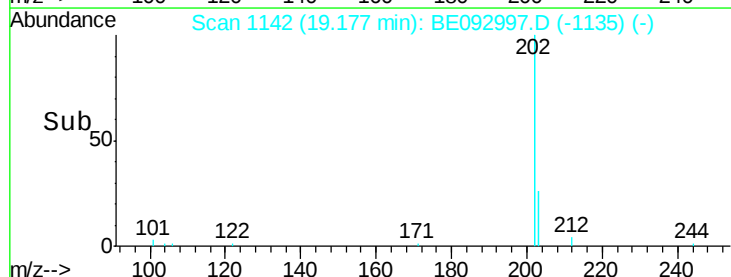
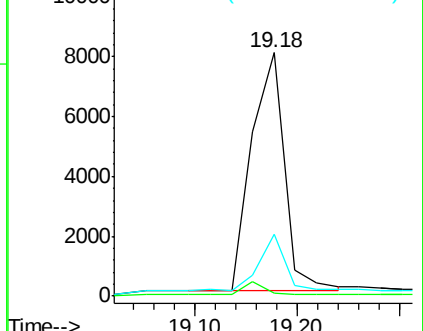
203 18.7 14.4 21.6

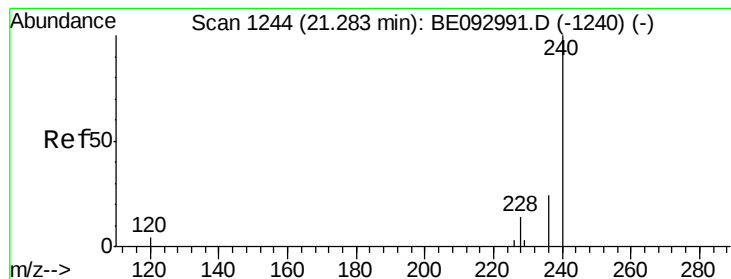


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

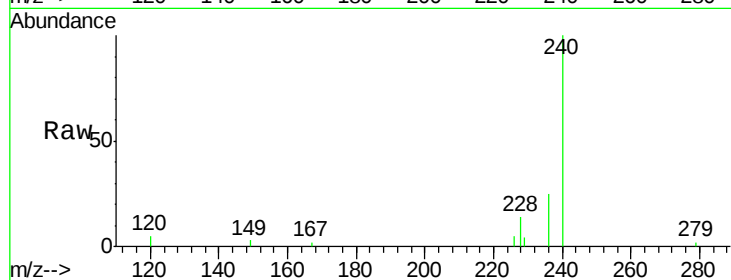
Tgt Ion:240 Resp: 4523

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

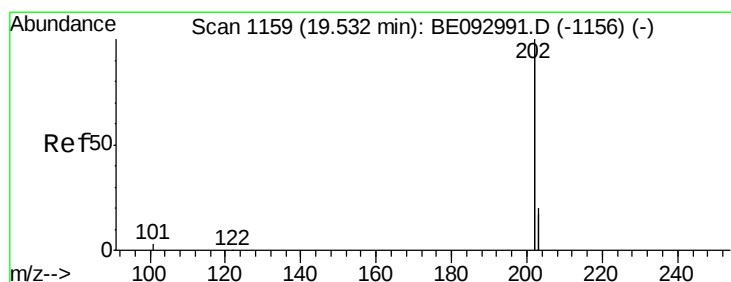
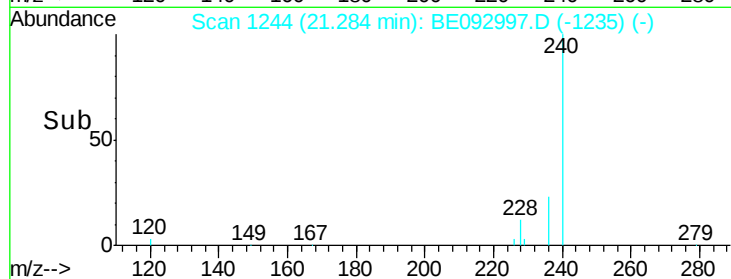
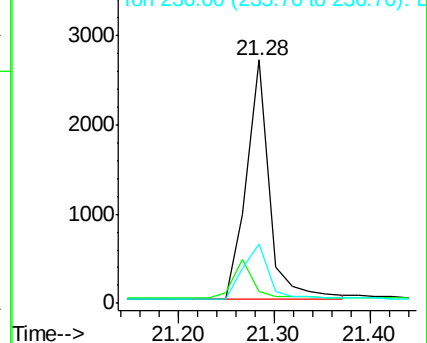
236 24.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.36 ng

RT: 19.53 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

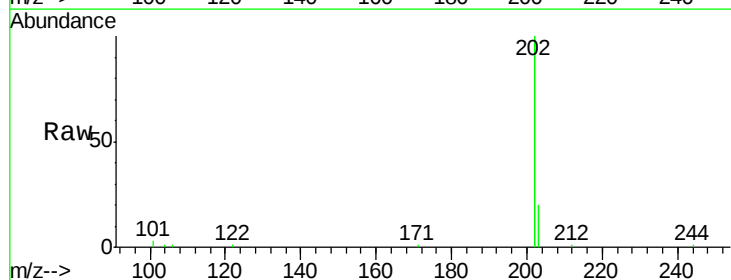
Tgt Ion:202 Resp: 20337

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

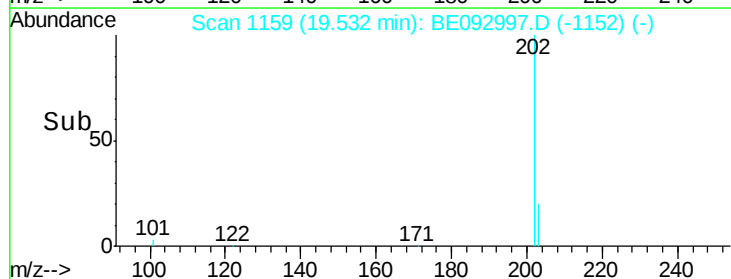
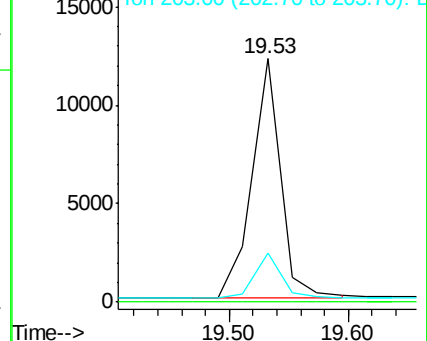
203 17.6 13.7 20.5

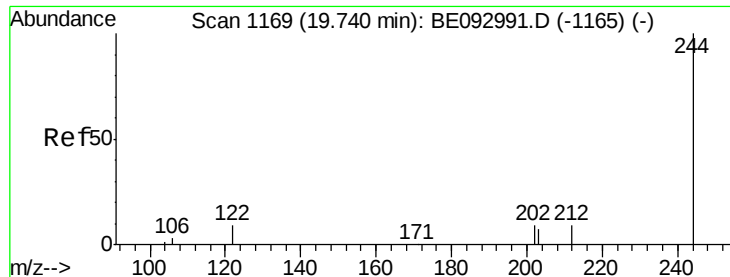


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.33 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

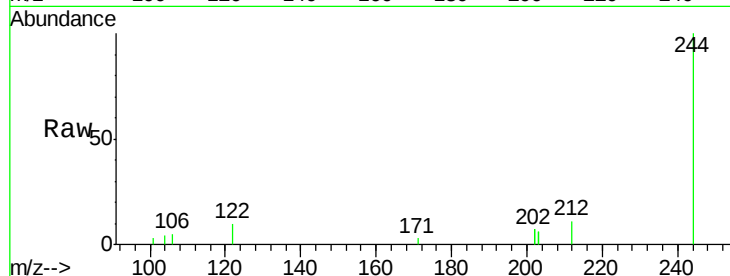
Tgt Ion:244 Resp: 2666

Ion Ratio Lower Upper

244 100

212 11.4 10.6 16.0

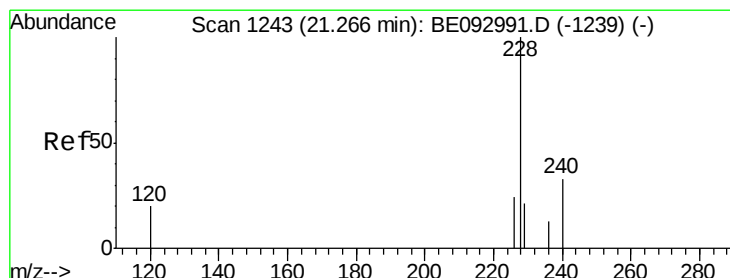
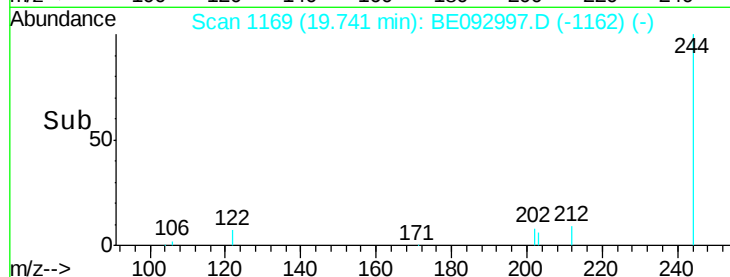
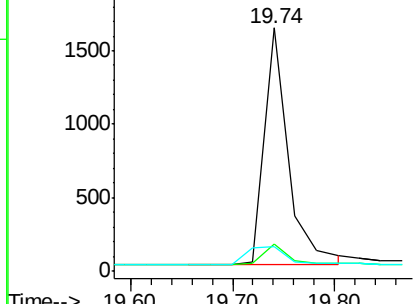
122 10.0 15.4 23.0#



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: 0.34 ng

RT: 21.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

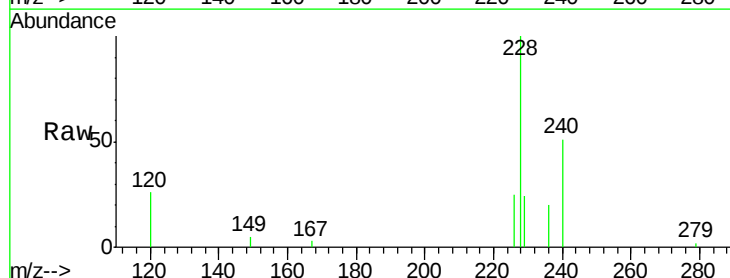
Tgt Ion:228 Resp: 3794

Ion Ratio Lower Upper

228 100

226 25.2 19.7 29.5

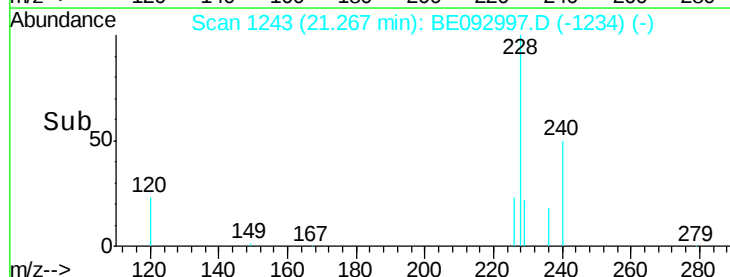
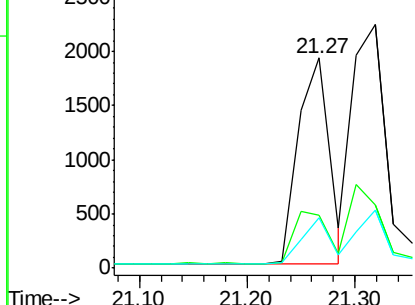
229 23.8 19.2 28.8

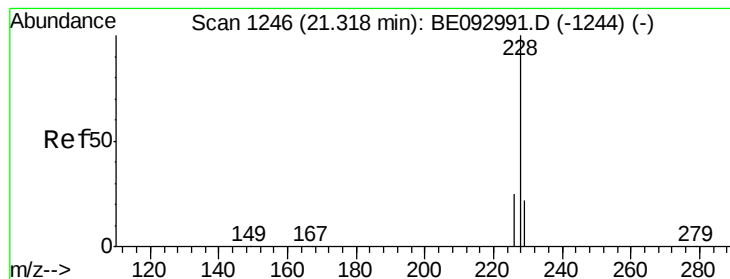


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.36 ng

RT: 21.32 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

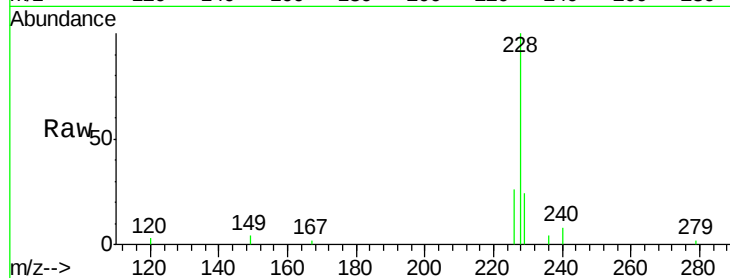
Tgt Ion: 228 Resp: 4981

Ion Ratio Lower Upper

228 100

226 26.0 21.5 32.3

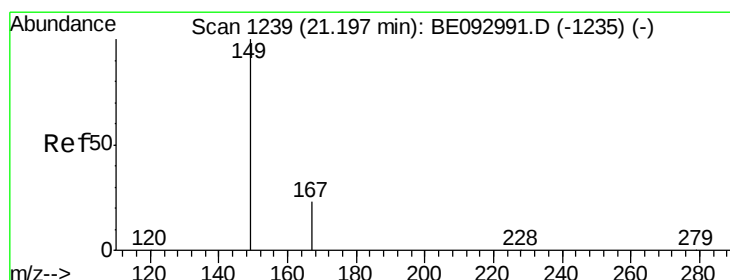
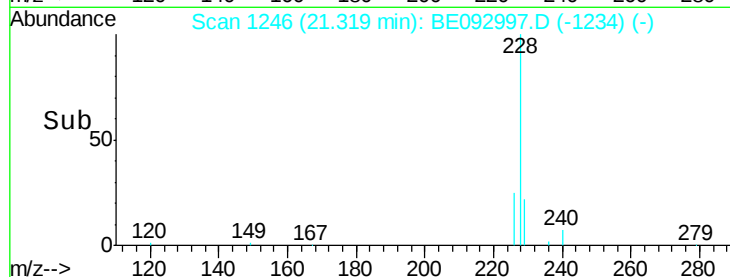
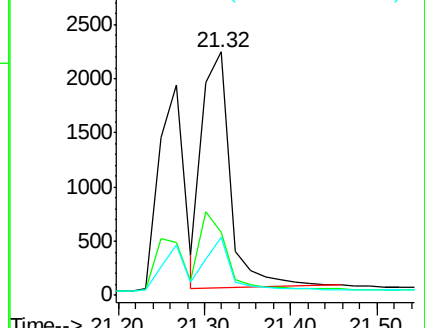
229 23.9 18.6 28.0



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: 0.34 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

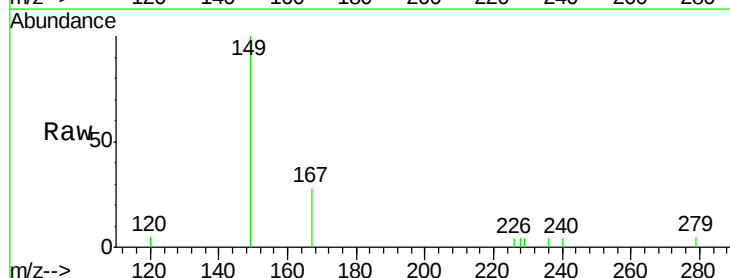
Tgt Ion: 149 Resp: 1298

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

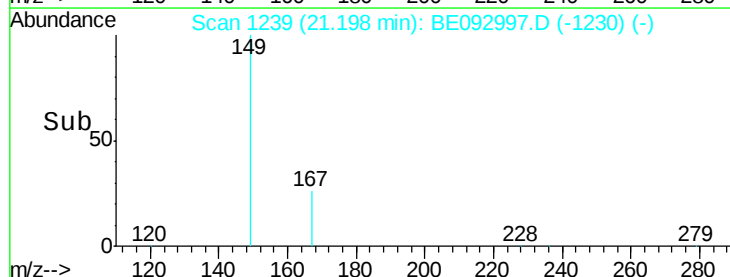
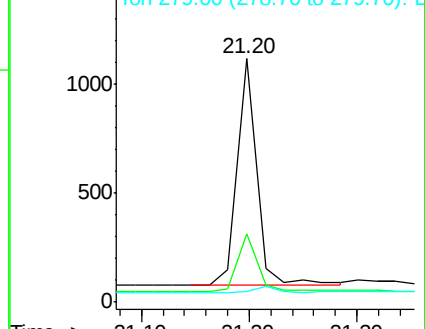
279 2.4 2.2 3.4

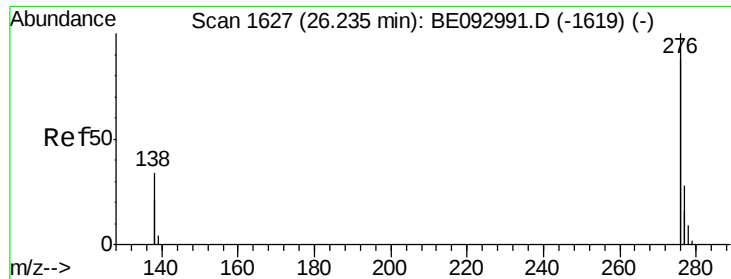


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.35 ng

RT: 26.24 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

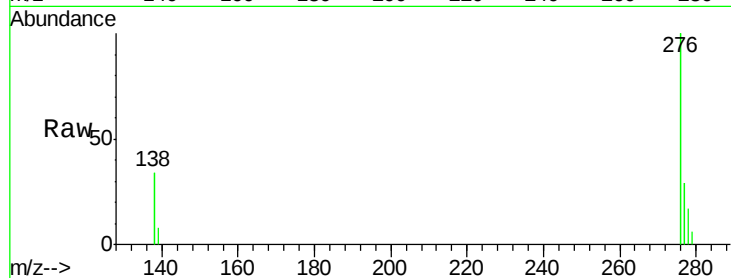
Tgt Ion:276 Resp: 15589

Ion Ratio Lower Upper

276 100

138 32.8 27.4 41.2

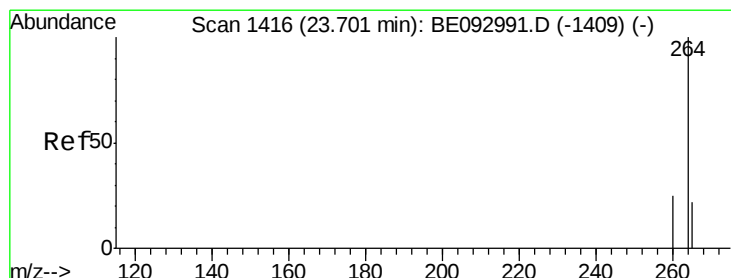
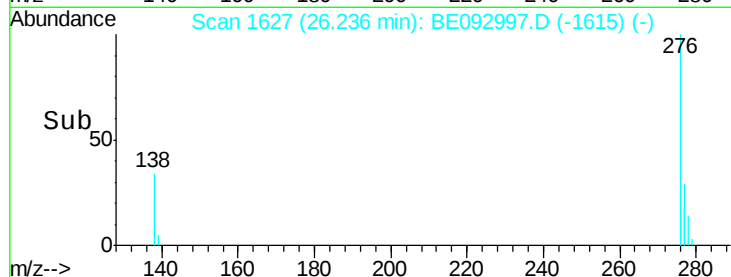
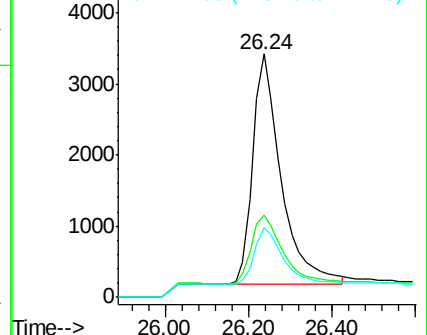
277 25.1 20.1 30.1



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: 0.40 ng

RT: 23.70 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

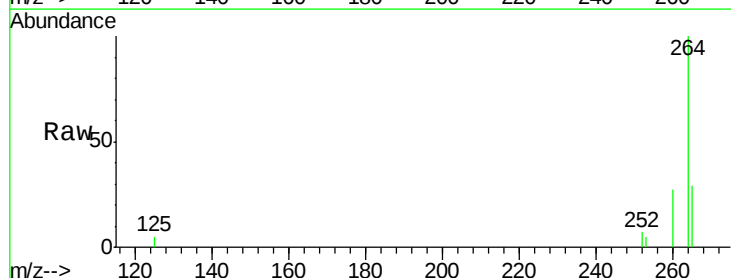
Tgt Ion:264 Resp: 3624

Ion Ratio Lower Upper

264 100

260 26.9 21.0 31.4

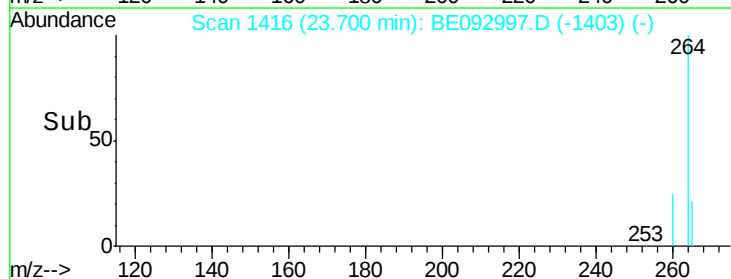
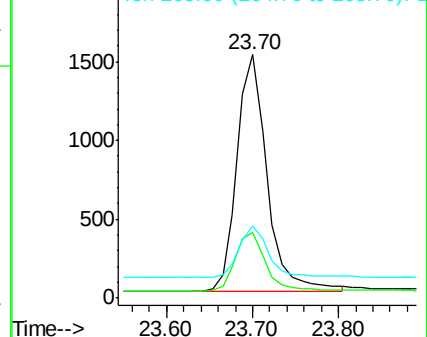
265 29.4 24.6 36.8

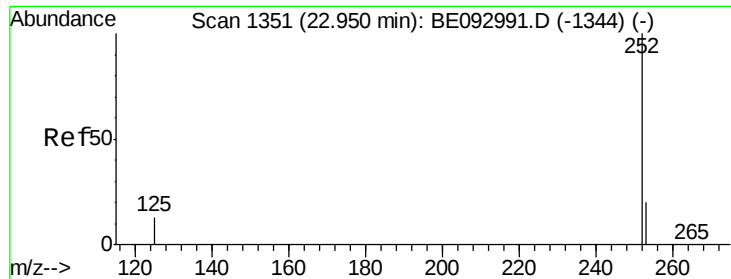


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 22.95 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

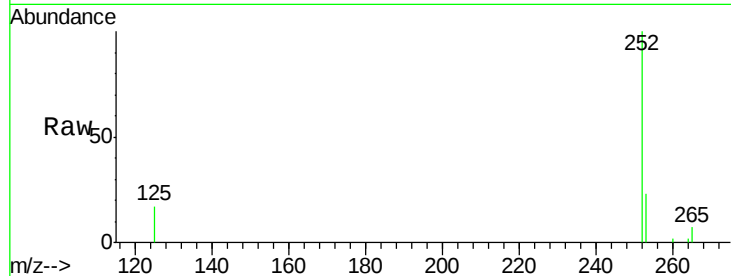
Tgt Ion:252 Resp: 4290

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

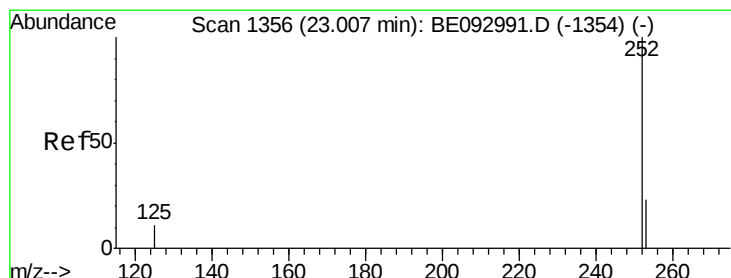
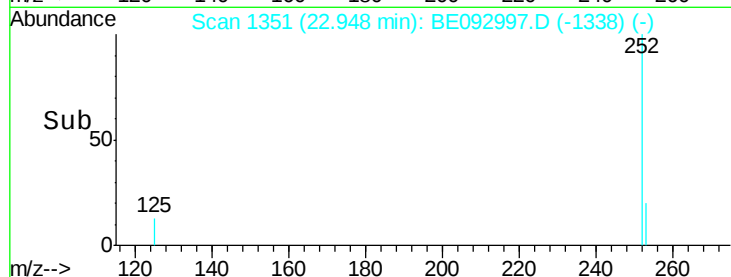
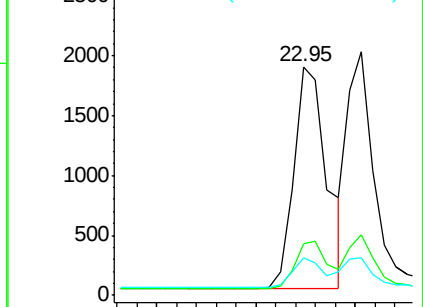
125 16.5 13.4 20.0



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: 0.31 ng

RT: 23.01 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

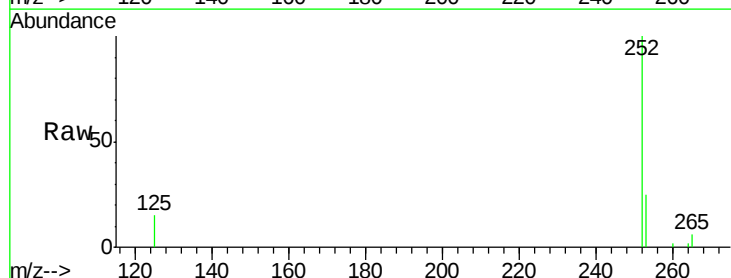
Tgt Ion:252 Resp: 3656

Ion Ratio Lower Upper

252 100

253 25.0 20.3 30.5

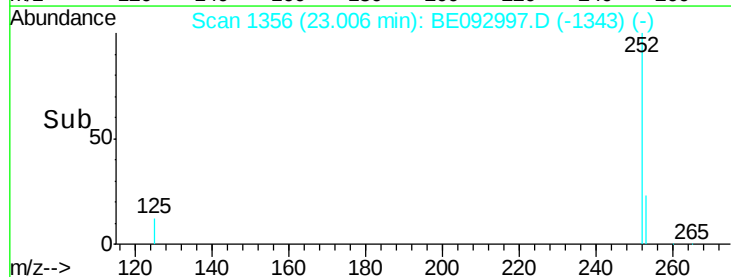
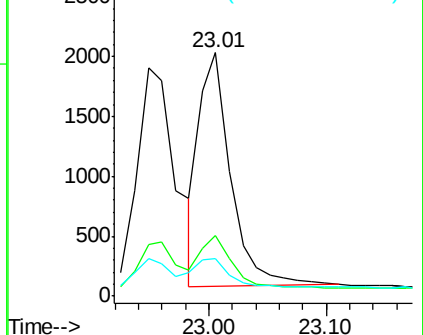
125 15.2 12.2 18.4

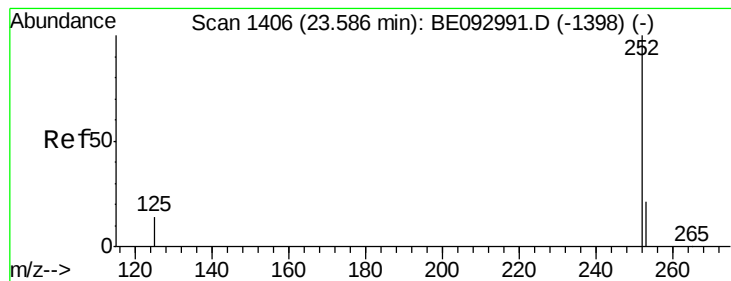


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.35 ng

RT: 23.58 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

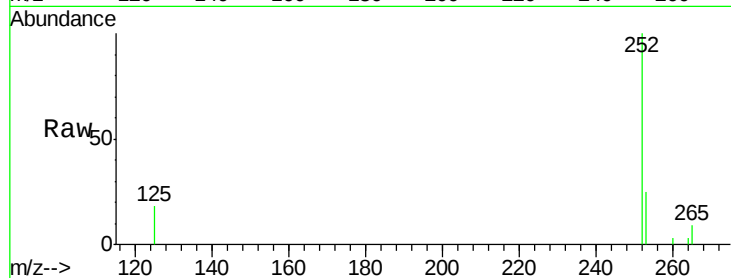
Tgt Ion: 252 Resp: 3581

Ion Ratio Lower Upper

252 100

253 24.8 19.9 29.9

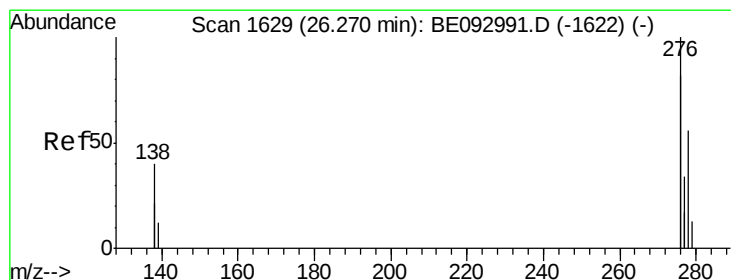
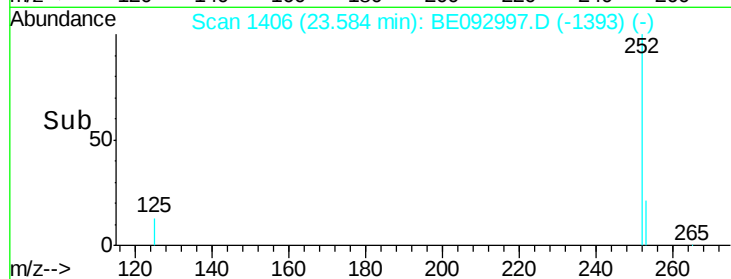
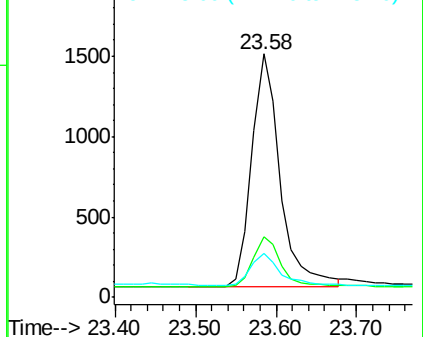
125 18.3 14.6 21.8



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: 0.35 ng

RT: 26.27 min Scan# 1629

Delta R.T. 0.02 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

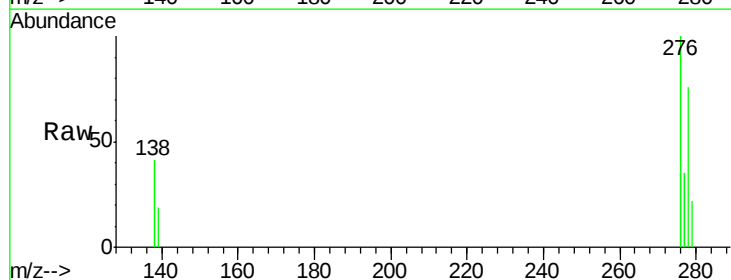
Tgt Ion: 278 Resp: 3212

Ion Ratio Lower Upper

278 100

139 25.1 21.4 32.0

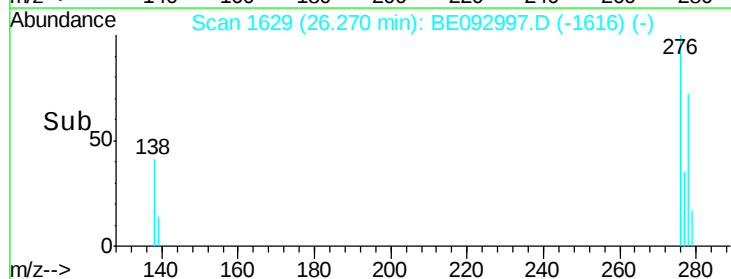
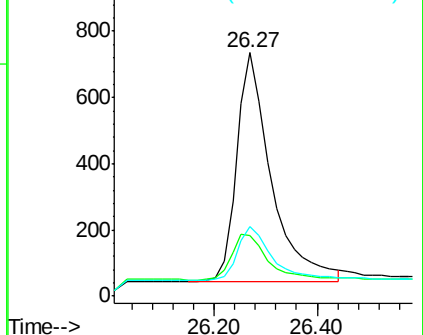
279 28.8 22.2 33.2

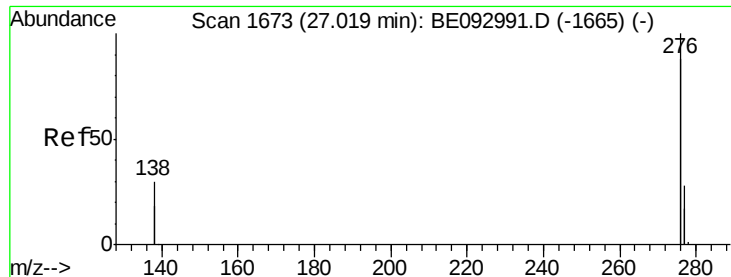


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE092997.D

Acq: 11 May 2017 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

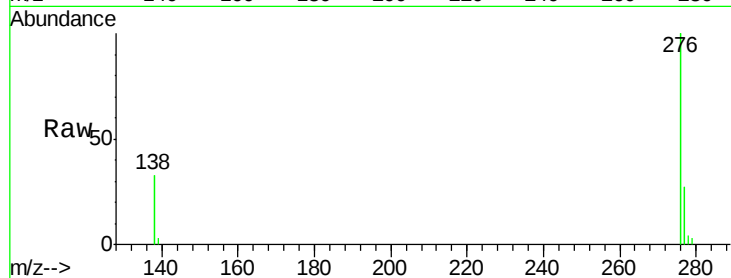
Tgt Ion: 276 Resp: 14514

Ion Ratio Lower Upper

276 100

277 26.6 21.2 31.8

138 32.9 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

