

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092928.D
 Acq On : 5 May 2017 13:33
 Operator : SJ/MA
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050517

Quant Time: May 05 14:08:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	738	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3028	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1367	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3649	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3278	0.40	ng	0.00
33) Perylene-d12	23.69	264	2485	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	640	0.39	ng	0.00
5) Phenol-d6	6.94	99	878	0.38	ng	0.00
8) Nitrobenzene-d5	8.90	82	821	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1769	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	81	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2530	0.40	ng	0.00
24) Fluoranthene-d10	19.15	212	3193	0.38	ng	0.00
28) Terphenyl-d14	19.74	244	2387	0.42	ng	0.00

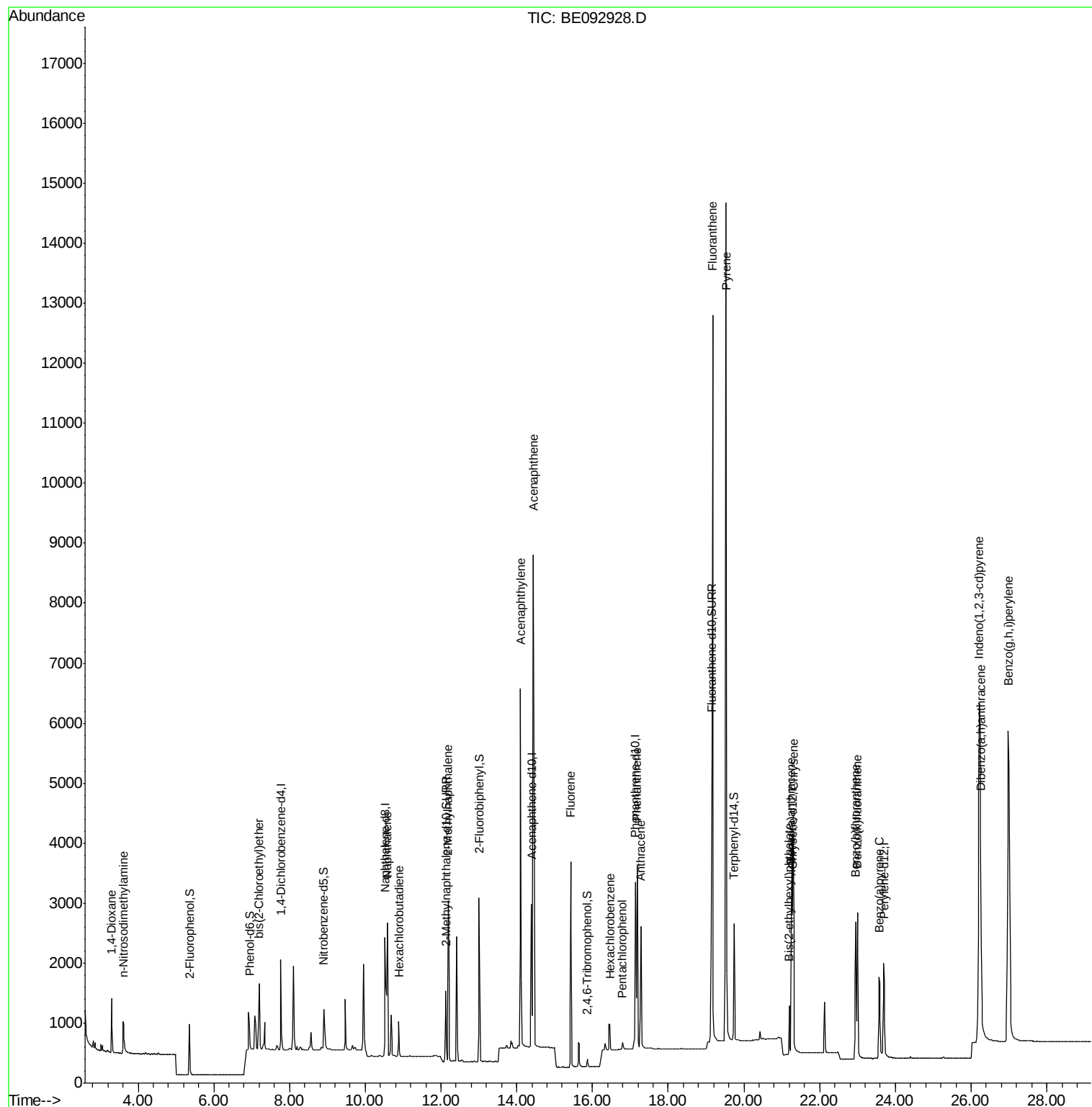
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	544	0.38	ng	98
3) n-Nitrosodimethylamine	3.61	42	411	0.38	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1023	0.38	ng	98
9) Naphthalene	10.58	128	3208	0.40	ng	# 87
10) Hexachlorobutadiene	10.89	225	438	0.40	ng	97
12) 2-Methylnaphthalene	12.19	142	1922	0.39	ng	96
16) Acenaphthylene	14.10	152	8164	0.38	ng	99
17) Acenaphthene	14.44	154	1697	0.39	ng	94
18) Fluorene	15.43	166	2043	0.38	ng	99
20) Hexachlorobenzene	16.47	284	594	0.38	ng	# 100
21) Pentachlorophenol	16.79	266	106	0.42	ng	# 84
22) Phenanthrene	17.18	178	3859	0.38	ng	98
23) Anthracene	17.27	178	2900	0.37	ng	99
25) Fluoranthene	19.17	202	16531	0.37	ng	# 98
27) Pyrene	19.53	202	17074	0.40	ng	# 98
29) Benzo(a)anthracene	21.25	228	2991	0.39	ng	# 87
30) Chrysene	21.30	228	4081	0.42	ng	# 89
31) Bis(2-ethylhexyl)phthalate	21.20	149	817	0.39	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.22	276	12783	0.36	ng	99
34) Benzo(b)fluoranthene	22.95	252	3235	0.40	ng	# 84
35) Benzo(k)fluoranthene	23.00	252	3268	0.40	ng	# 80
36) Benzo(a)pyrene	23.57	252	2398	0.36	ng	# 77
37) Dibenzo(a,h)anthracene	26.25	278	2848	0.38	ng	# 78
38) Benzo(g,h,i)perylene	26.99	276	12674	0.40	ng	# 82

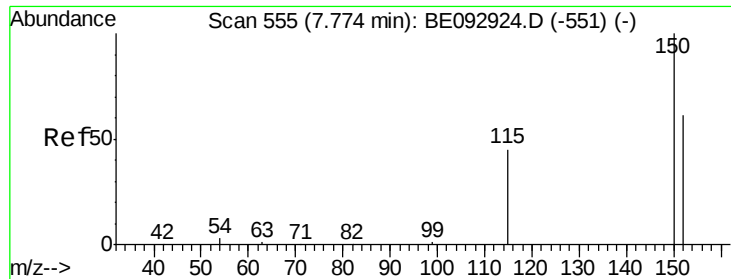
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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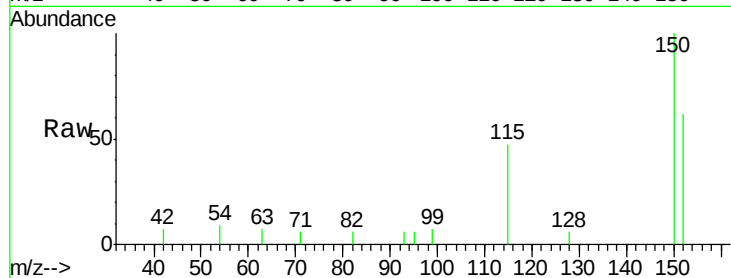




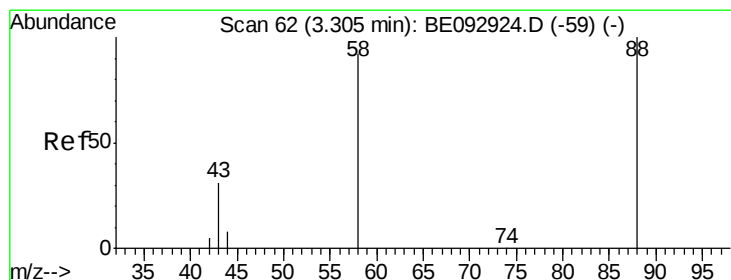
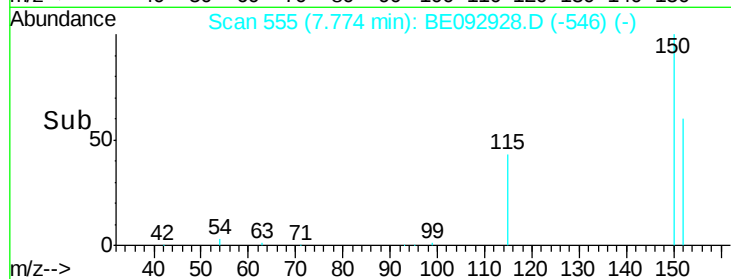
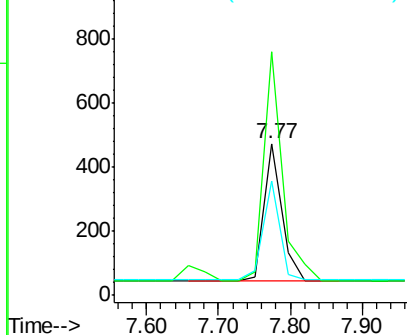
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050517

Tgt Ion: 152 Resp: 738
 Ion Ratio Lower Upper
 152 100
 150 160.3 129.9 194.9
 115 75.5 62.6 93.8

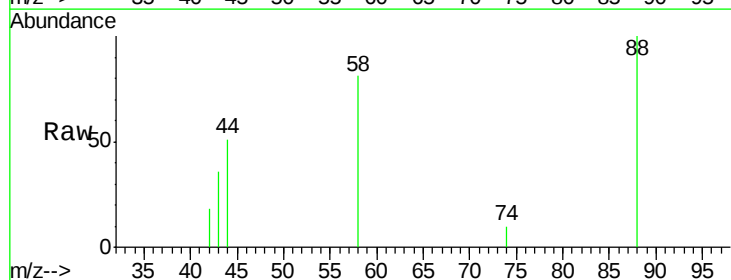


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

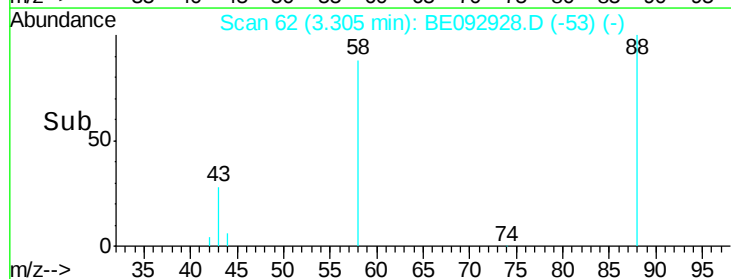
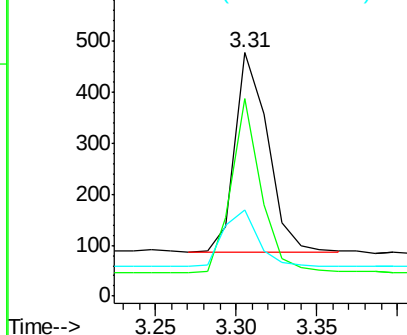


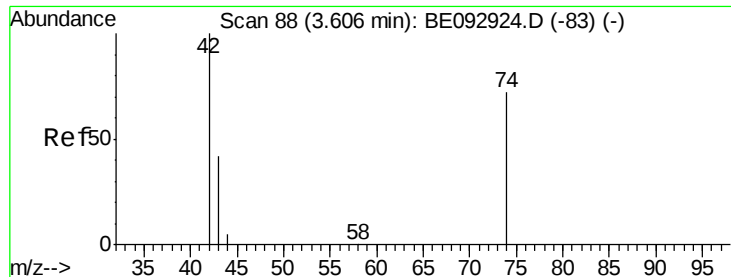
#2
 1,4-Dioxane
 Concen: 0.38 ng
 RT: 3.31 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Tgt Ion: 88 Resp: 544
 Ion Ratio Lower Upper
 88 100
 58 80.7 64.9 97.3
 43 30.7 26.6 40.0



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: 0.38 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

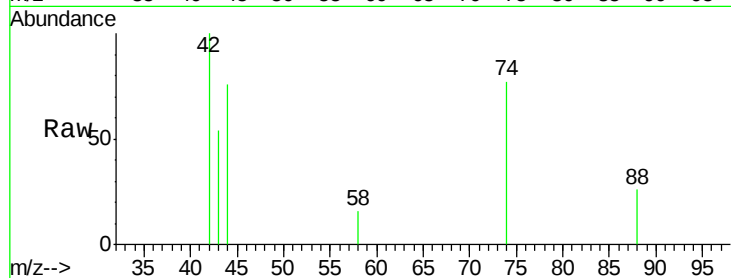
Tgt Ion: 42 Resp: 411

Ion Ratio Lower Upper

42 100

74 121.7 106.6 160.0

44 9.5 25.7 38.5#



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

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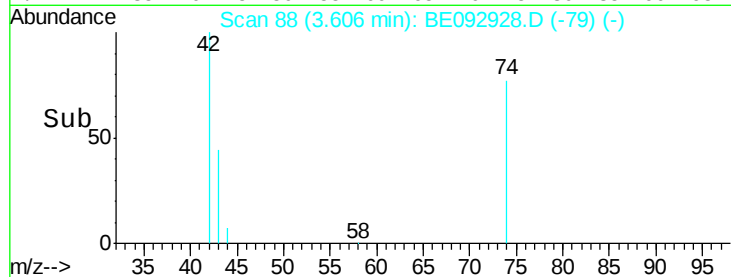
3.61

3.61

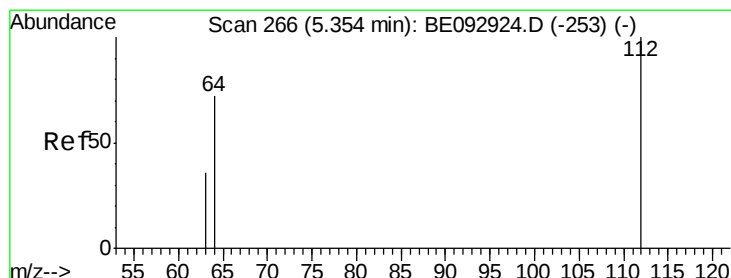
3.61

3.61

3.61



Time-->



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

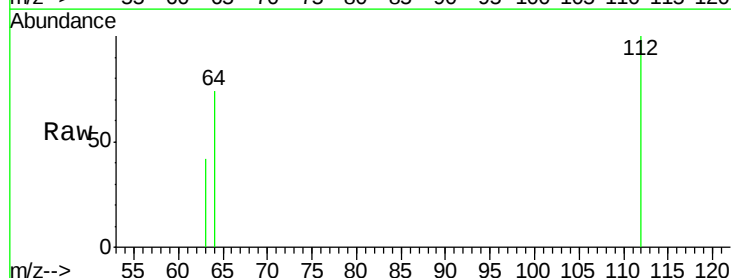
Tgt Ion: 112 Resp: 640

Ion Ratio Lower Upper

112 100

64 69.2 52.6 79.0

63 35.3 29.0 43.4



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

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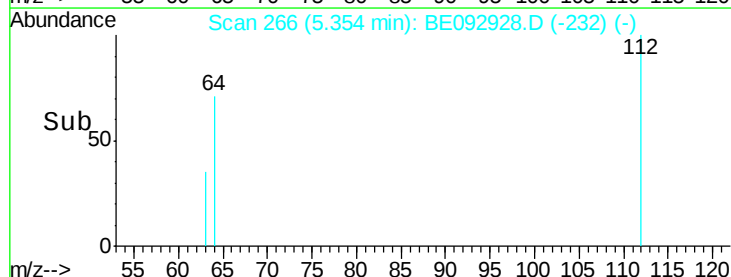
5.35

5.35

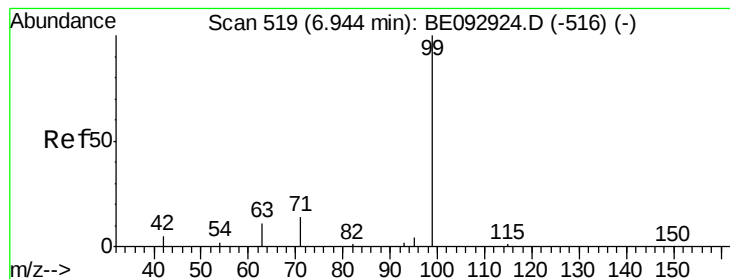
5.35

5.35

5.35



Time-->



#5

Phenol-d6

Concen: 0.38 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

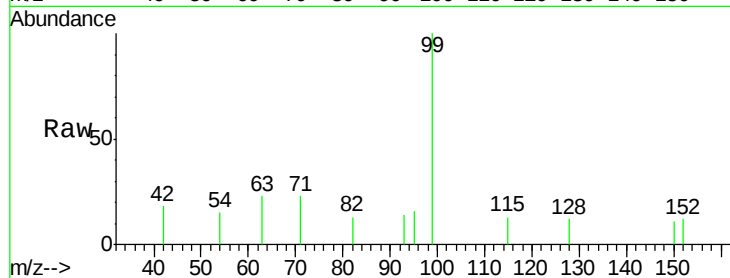
Tgt Ion: 99 Resp: 878

Ion Ratio Lower Upper

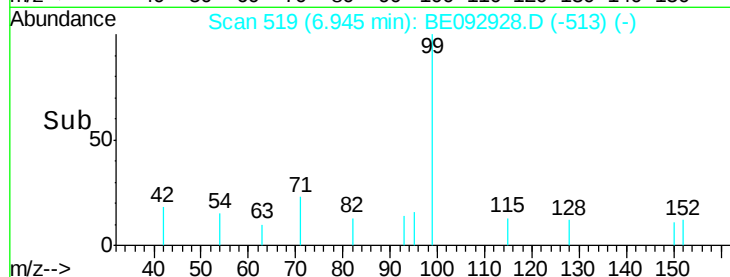
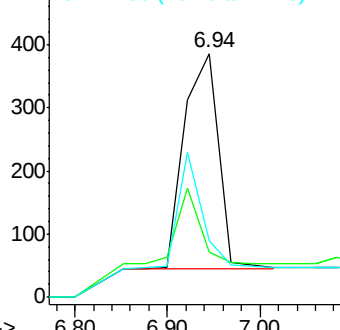
99 100

42 0.0 0.0 0.0

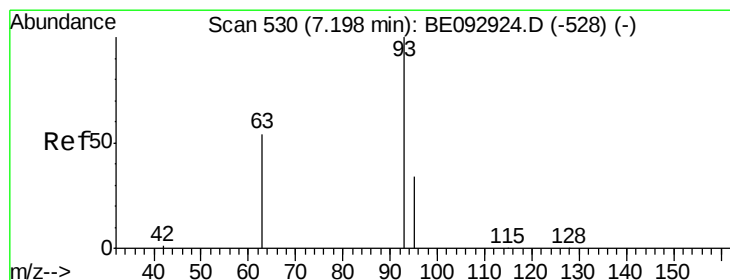
71 0.0 0.0 0.0



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

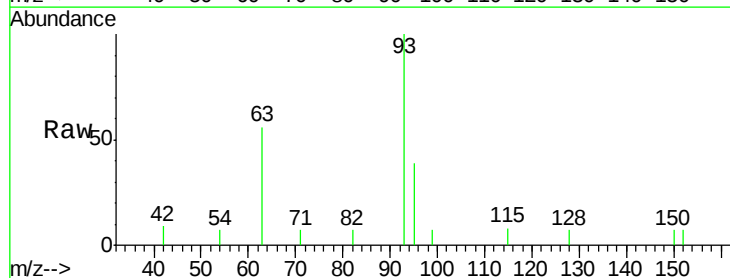
Tgt Ion: 93 Resp: 1023

Ion Ratio Lower Upper

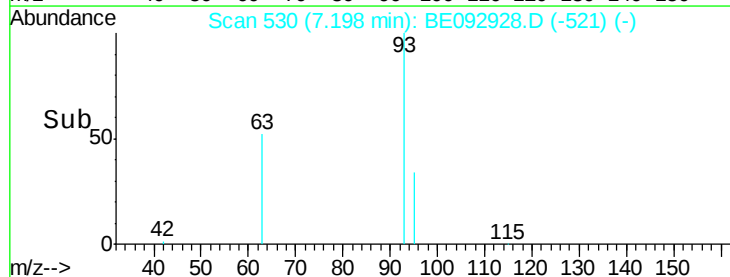
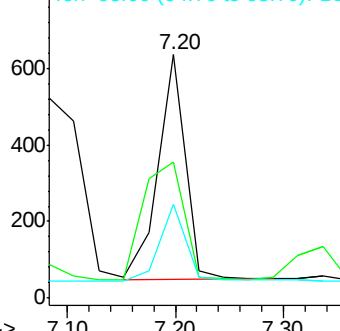
93 100

63 78.5 61.2 91.8

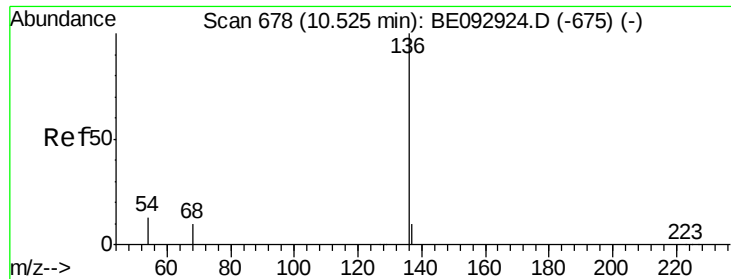
95 32.3 25.5 38.3



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: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

Tgt Ion:136 Resp: 3028

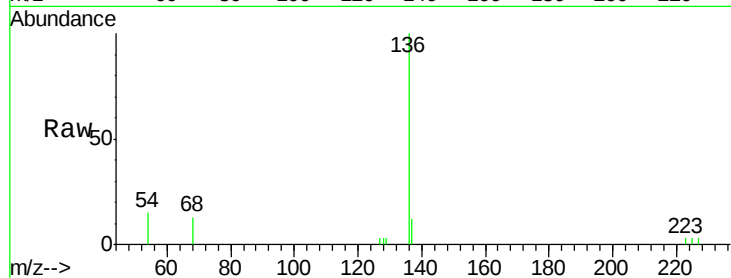
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 15.0 12.6 18.8

68 13.1 10.7 16.1

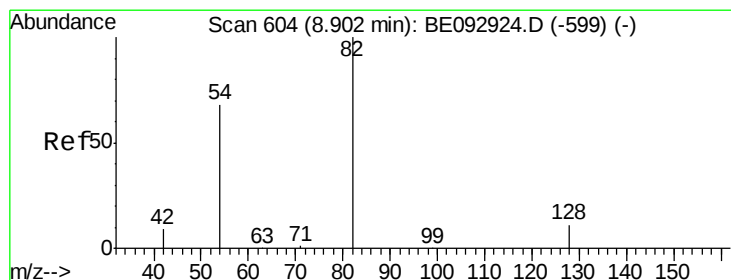
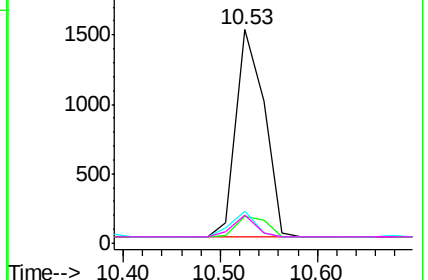
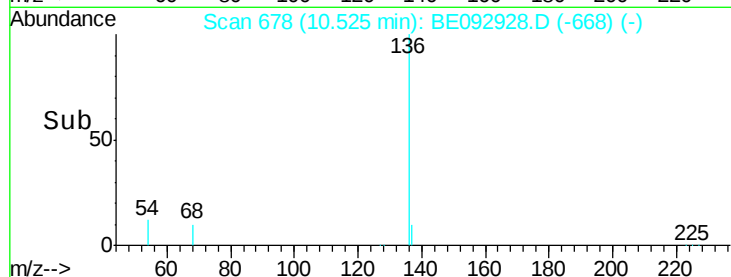


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.40 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

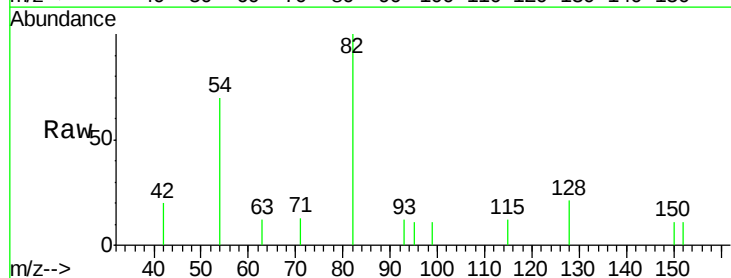
Tgt Ion: 82 Resp: 821

Ion Ratio Lower Upper

82 100

128 21.2 35.3 52.9#

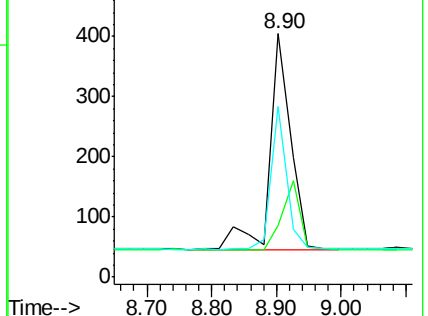
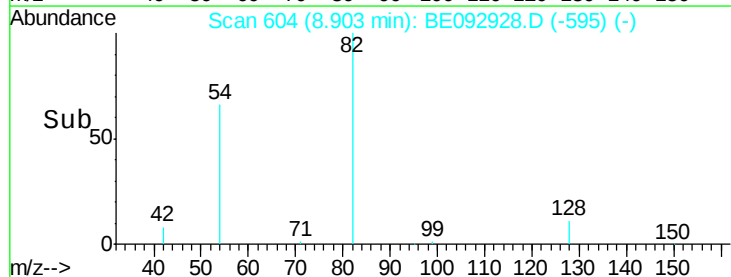
54 70.4 65.1 97.7

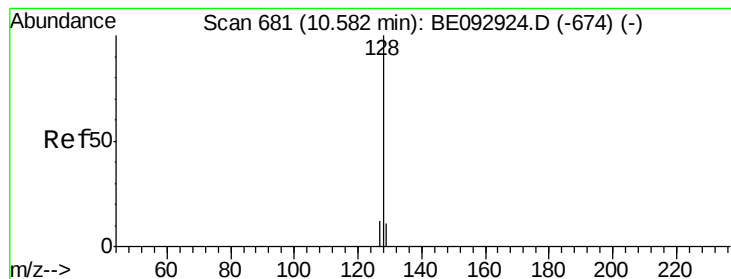


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

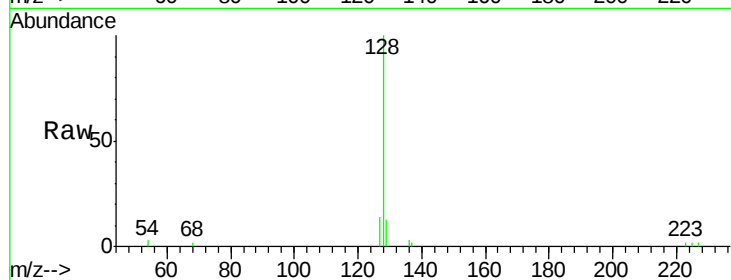
Tgt Ion:128 Resp: 3208

Ion Ratio Lower Upper

128 100

129 13.4 15.8 23.8#

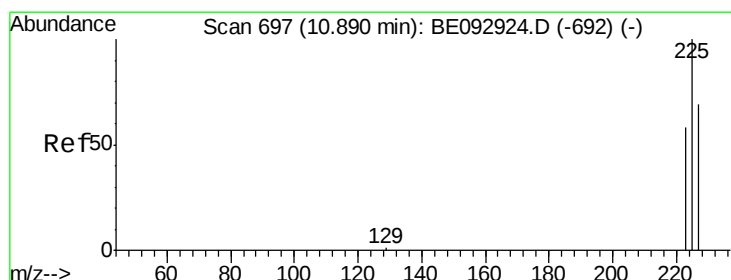
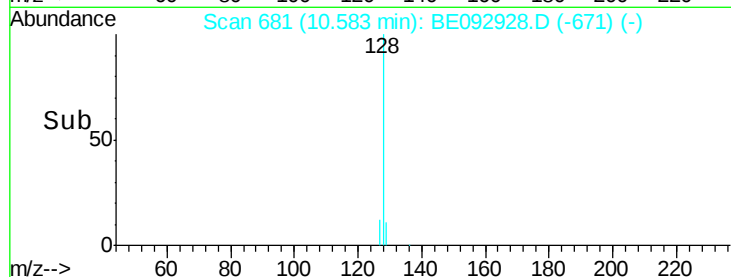
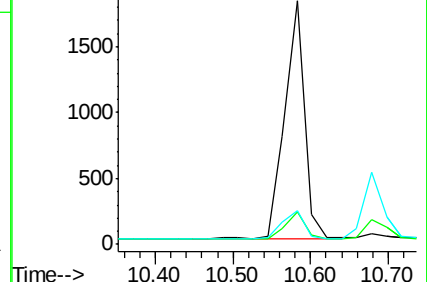
127 14.1 16.0 24.0#



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: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

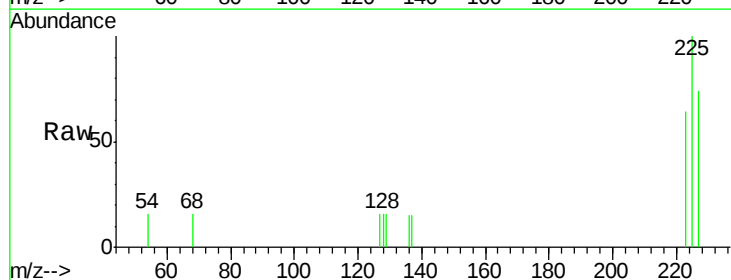
Tgt Ion:225 Resp: 438

Ion Ratio Lower Upper

225 100

223 65.1 55.4 83.2

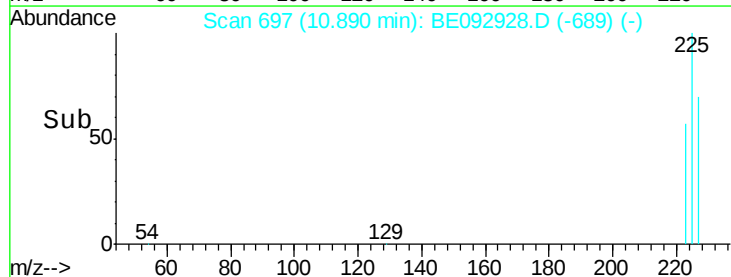
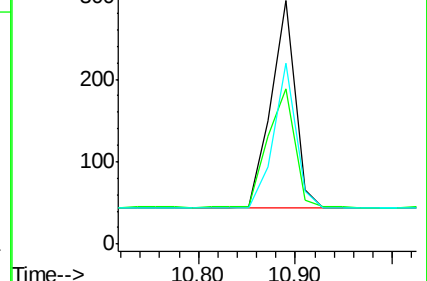
227 64.8 52.2 78.4

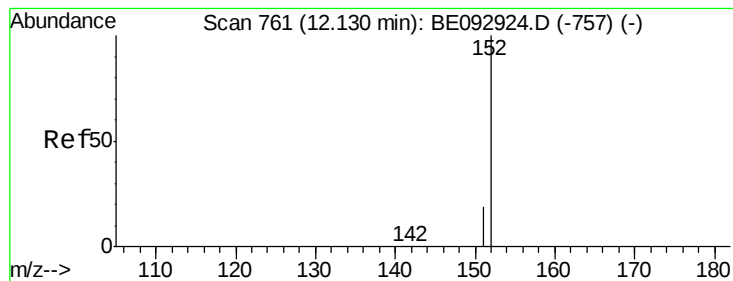


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

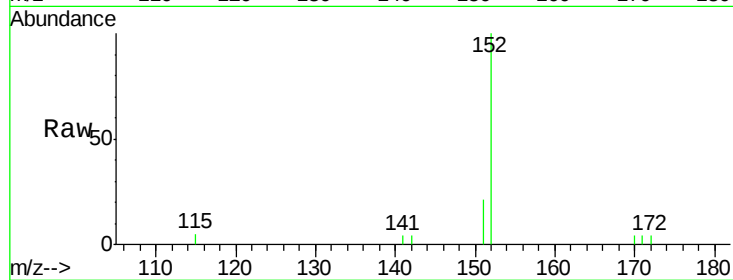
ICVBE050517

Tgt Ion:152 Resp: 1769

Ion Ratio Lower Upper

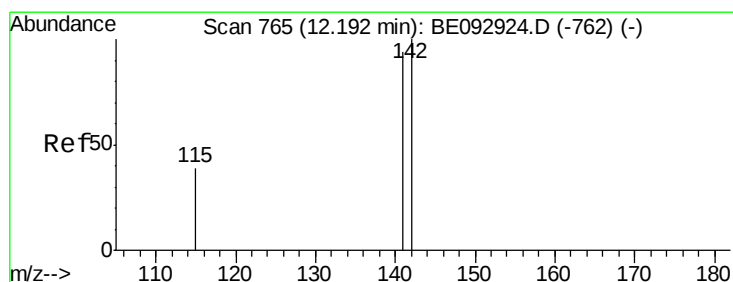
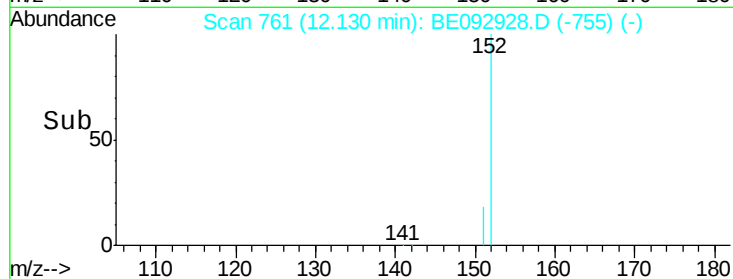
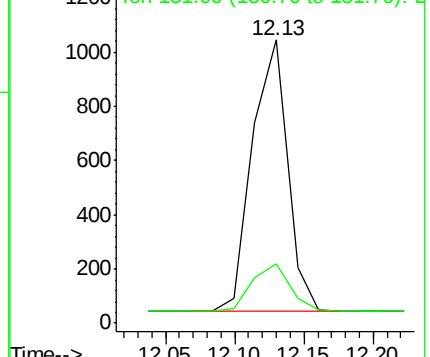
152 100

151 19.1 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

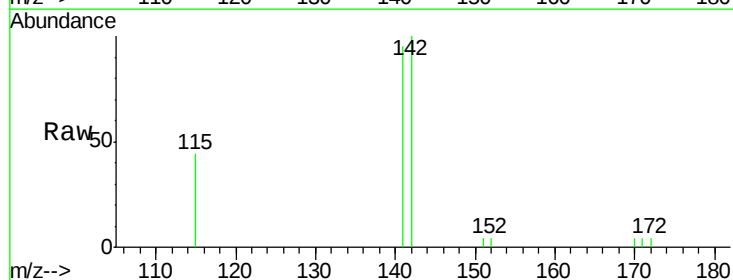
Tgt Ion:142 Resp: 1922

Ion Ratio Lower Upper

142 100

141 94.9 76.0 114.0

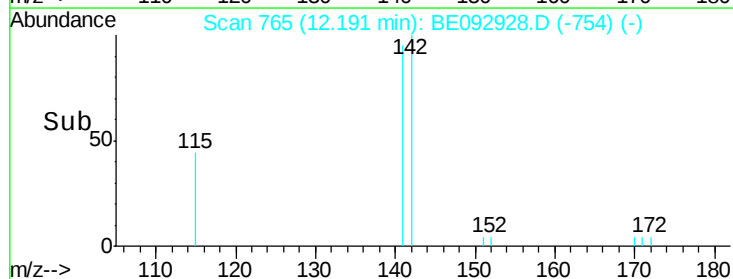
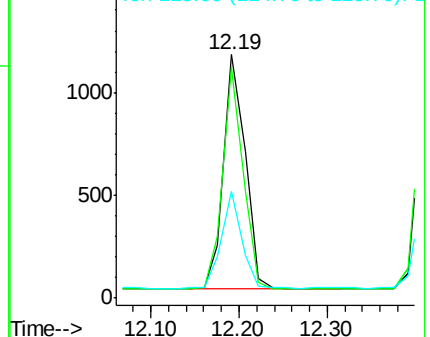
115 43.7 41.6 62.4

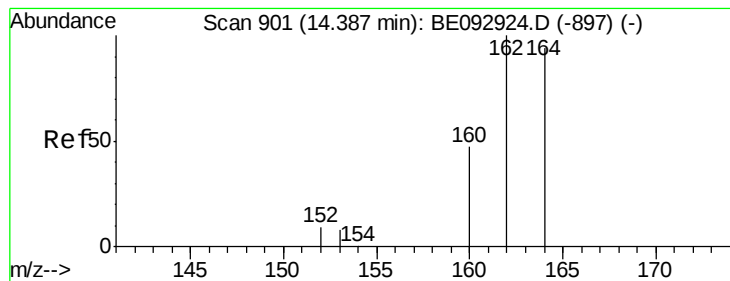


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

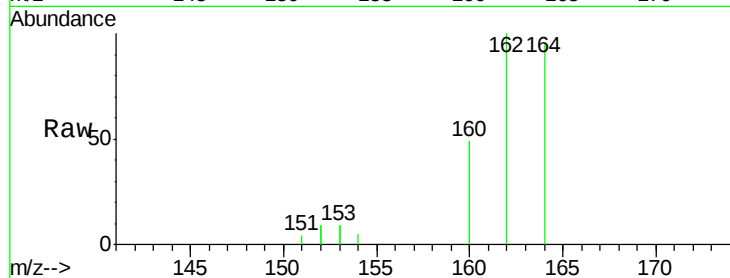
Tgt Ion:164 Resp: 1367

Ion Ratio Lower Upper

164 100

162 104.9 86.6 130.0

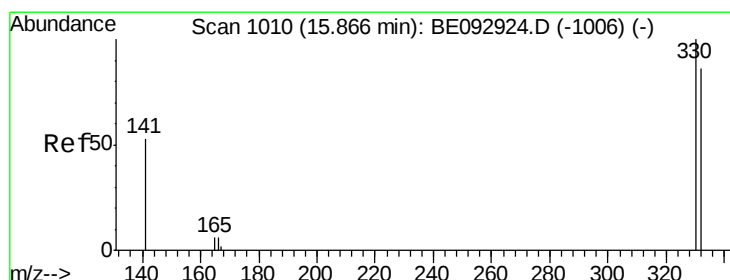
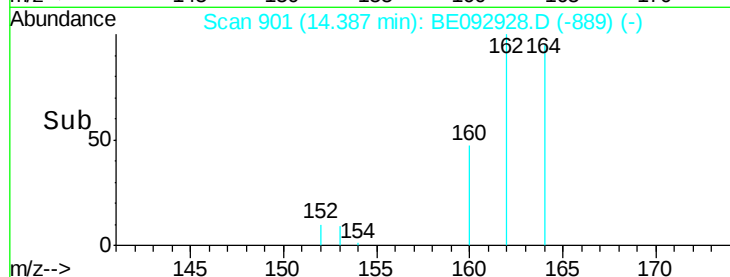
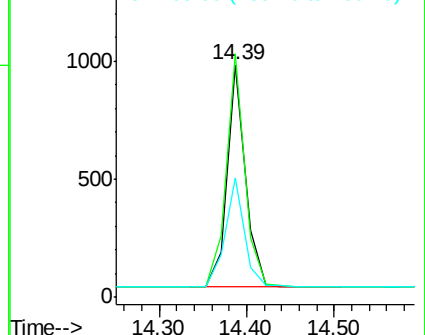
160 51.6 44.5 66.7



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: 0.38 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

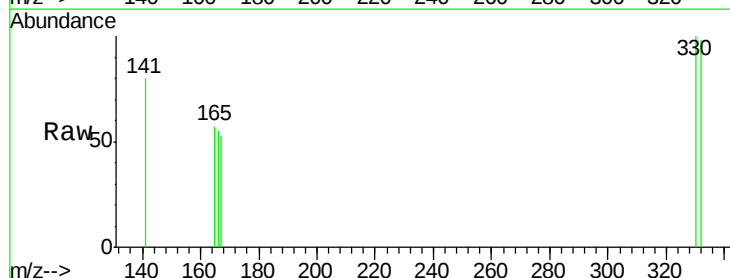
Tgt Ion:330 Resp: 81

Ion Ratio Lower Upper

330 100

332 96.3 69.1 103.7

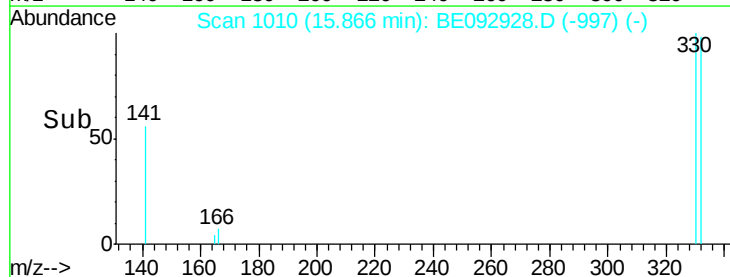
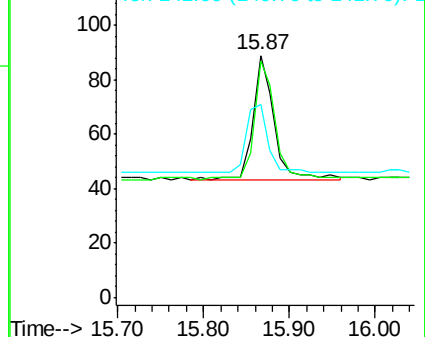
141 53.1 54.6 81.8#

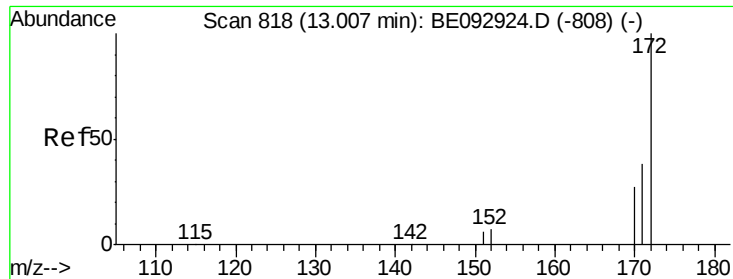


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

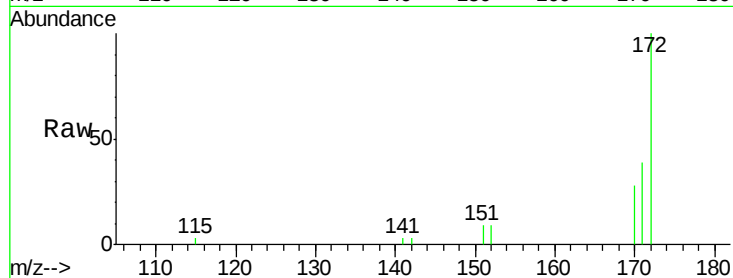




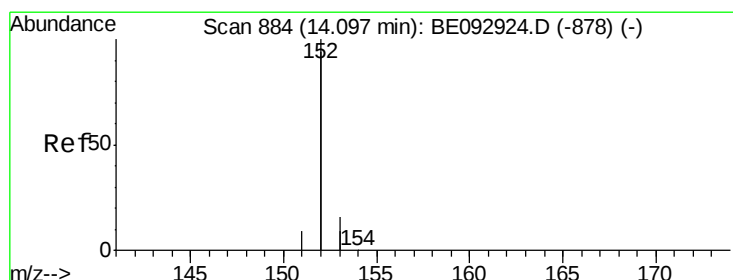
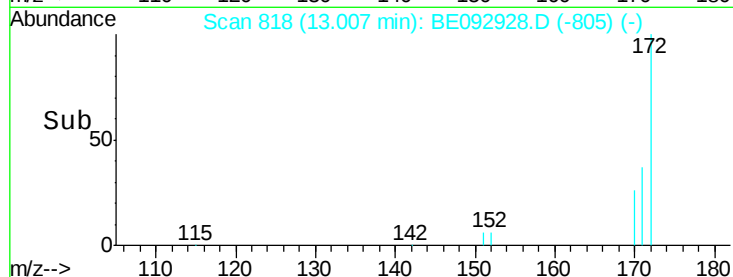
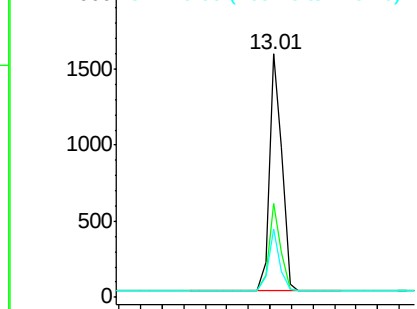
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:172 Resp: 2530
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.6
170 27.8 28.5 42.7#

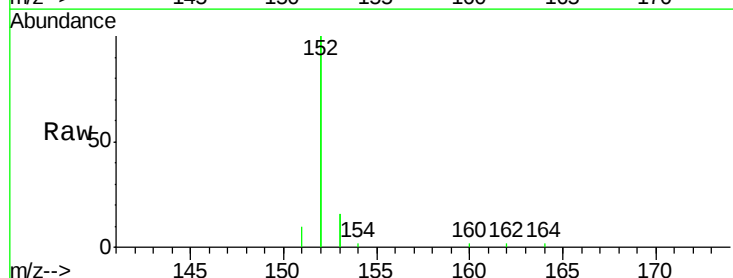


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

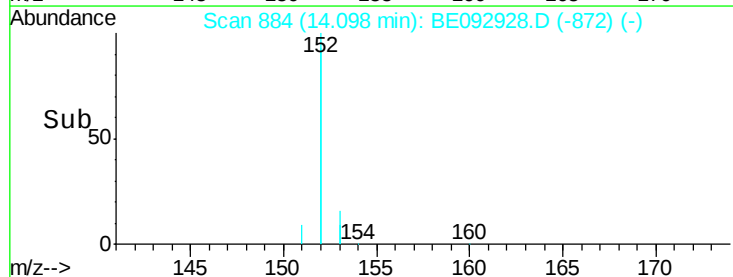
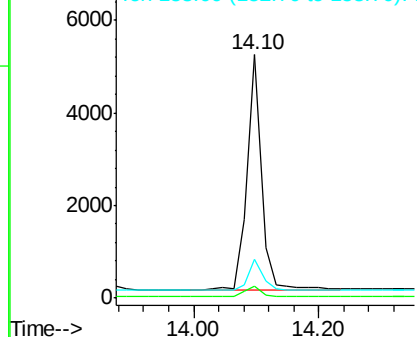


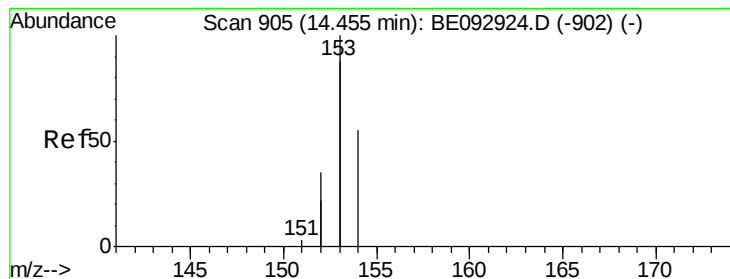
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:152 Resp: 8164
Ion Ratio Lower Upper
152 100
151 4.7 3.8 5.8
153 13.1 10.0 15.0



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: 0.39 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.02 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

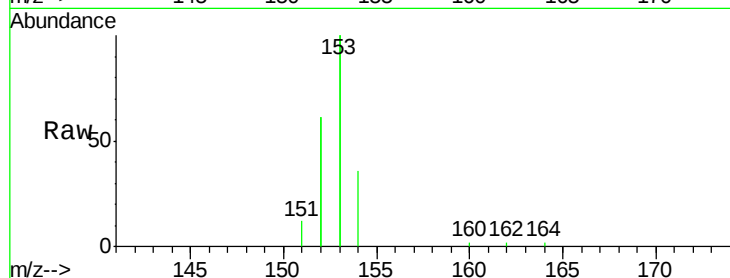
Tgt Ion:154 Resp: 1697

Ion Ratio Lower Upper

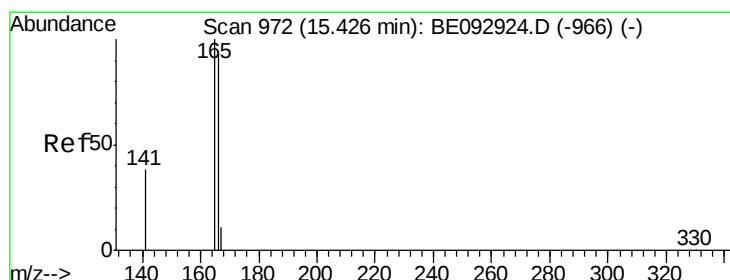
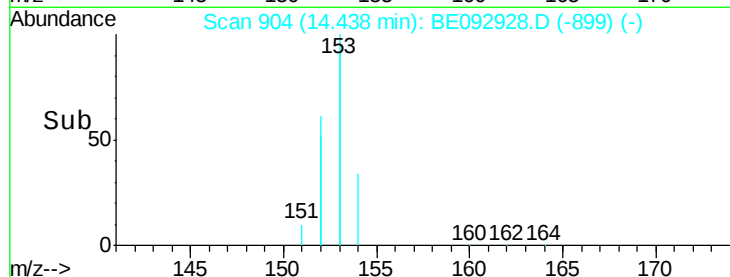
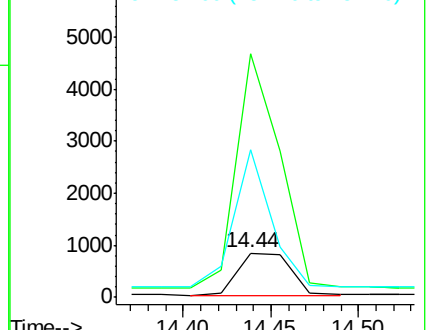
154 100

153 456.5 355.6 533.4

152 233.9 177.8 266.8



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: 0.38 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

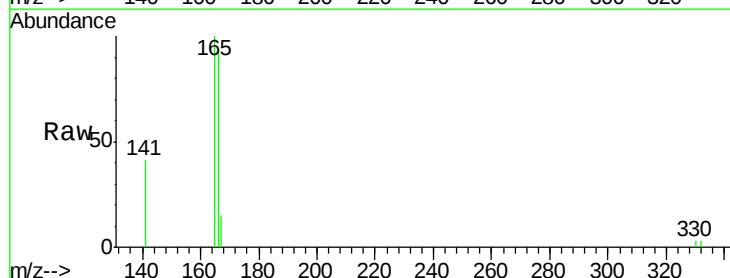
Tgt Ion:166 Resp: 2043

Ion Ratio Lower Upper

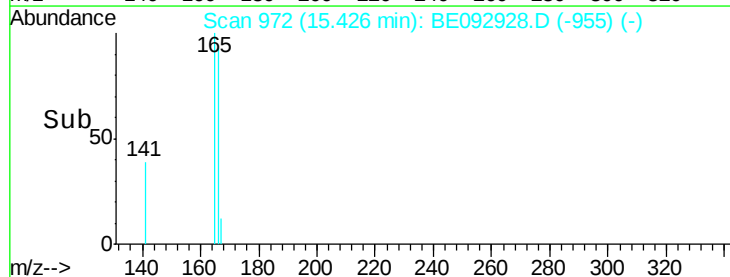
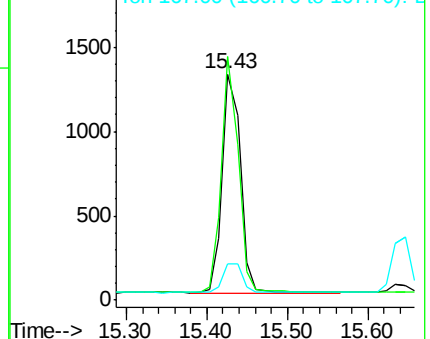
166 100

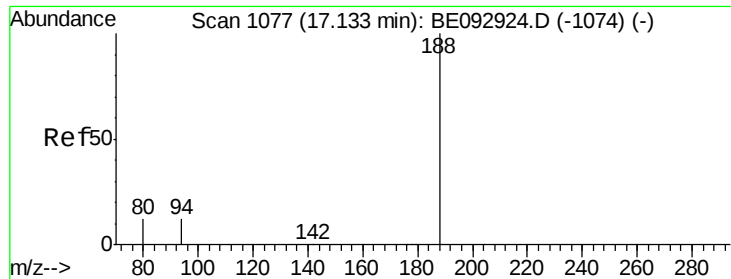
165 99.7 80.7 121.1

167 14.8 11.3 16.9



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# 1077

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

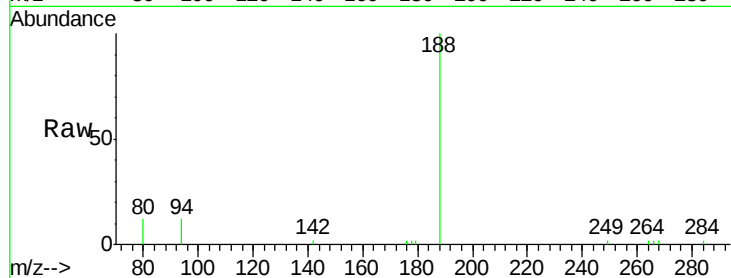
Tgt Ion:188 Resp: 3649

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

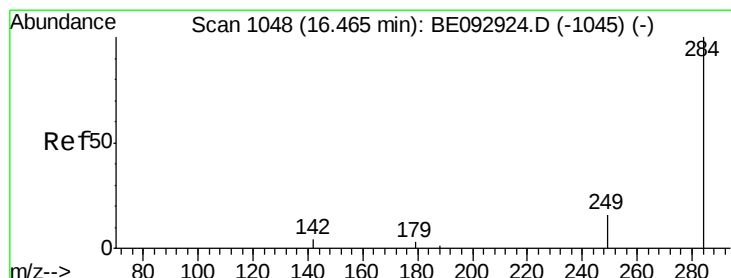
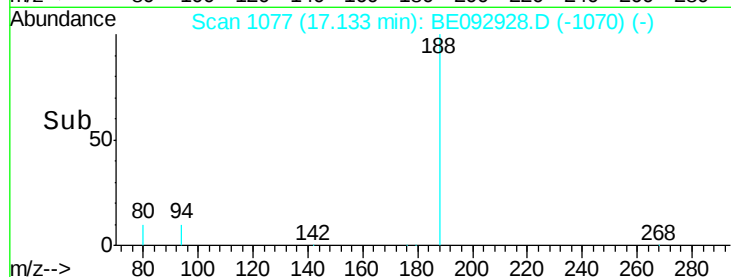
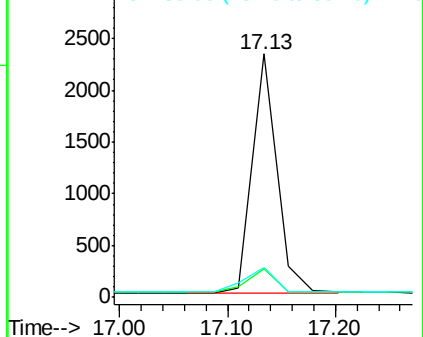
80 12.1 10.6 15.8



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

Hexachlorobenzene

Concen: 0.38 ng

RT: 16.47 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

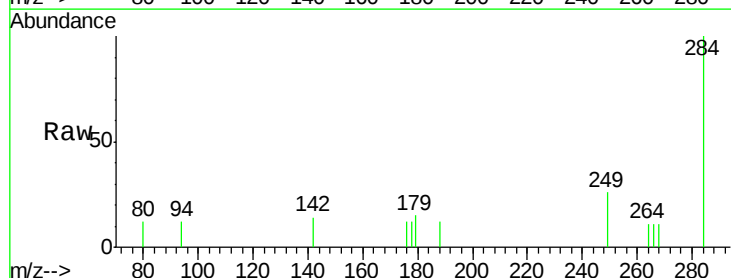
Tgt Ion:284 Resp: 594

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

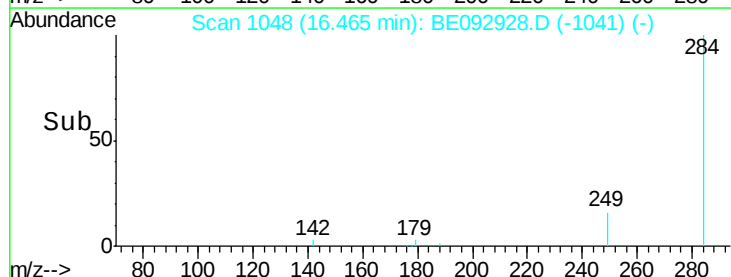
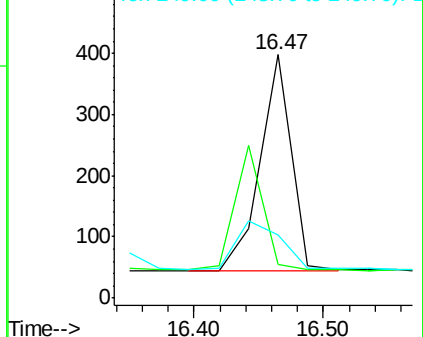
249 0.0 0.0 0.0

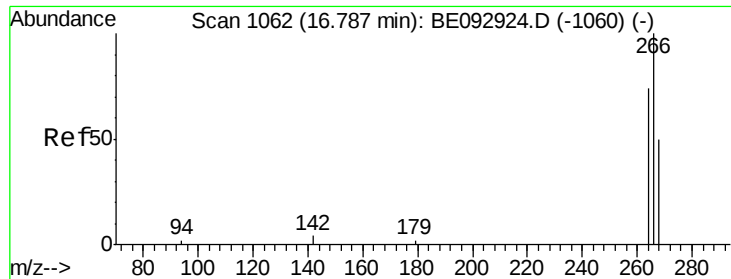


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

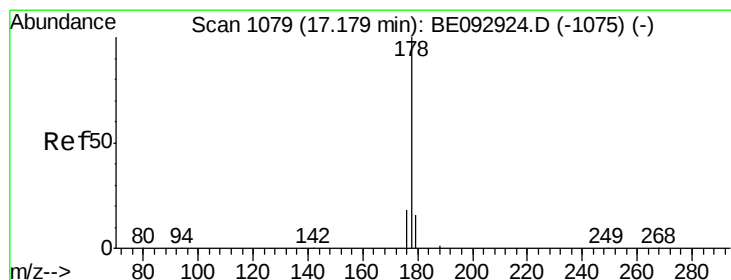
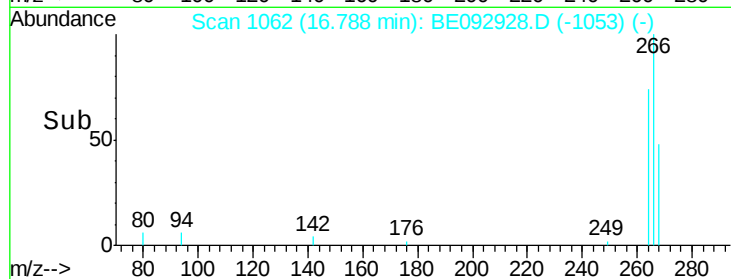
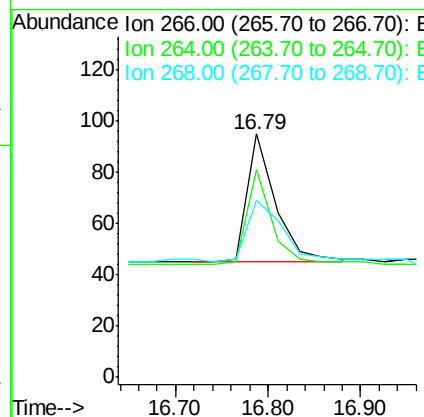
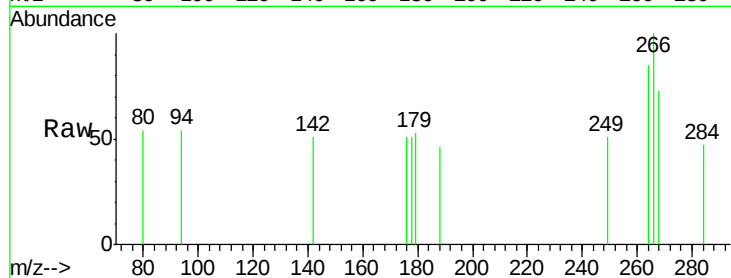




#21
 Pentachlorophenol
 Concen: 0.42 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

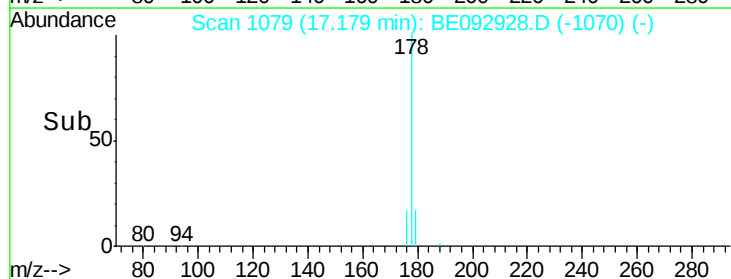
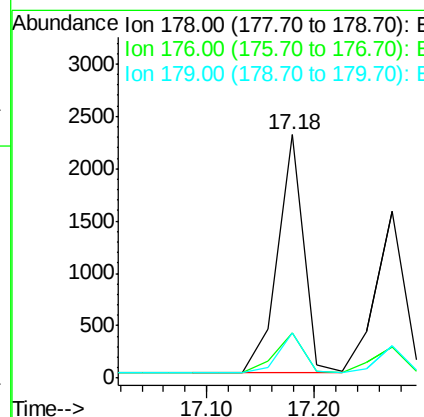
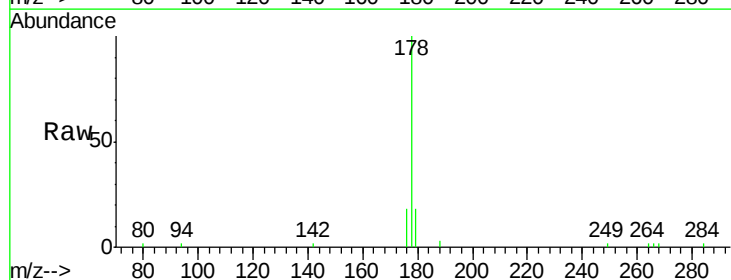
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050517

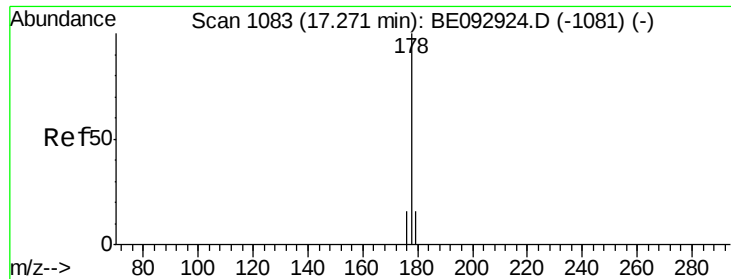
Tgt Ion: 266 Resp: 106
 Ion Ratio Lower Upper
 266 100
 264 85.3 75.4 113.2
 268 72.6 75.4 113.2#



#22
 Phenanthrene
 Concen: 0.38 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Tgt Ion: 178 Resp: 3859
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.2 21.4
 179 15.9 13.6 20.4





#23

Anthracene

Concen: 0.37 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

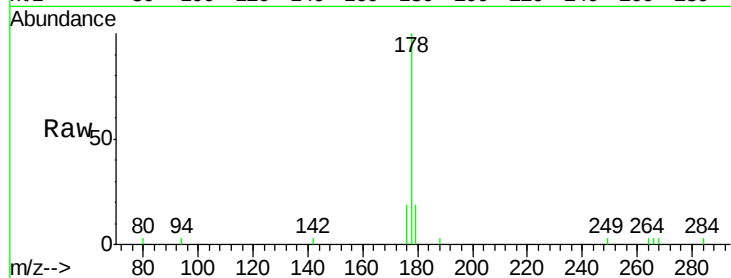
Tgt Ion:178 Resp: 2900

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

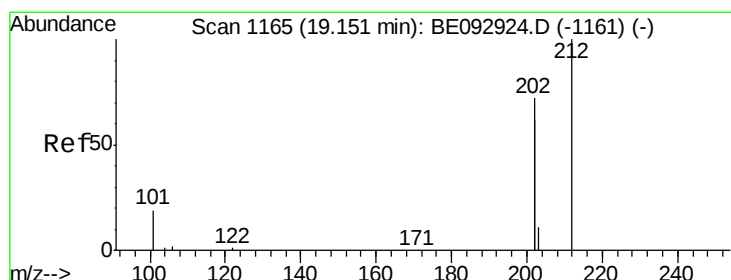
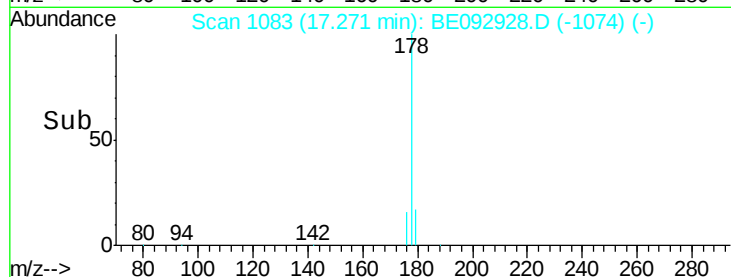
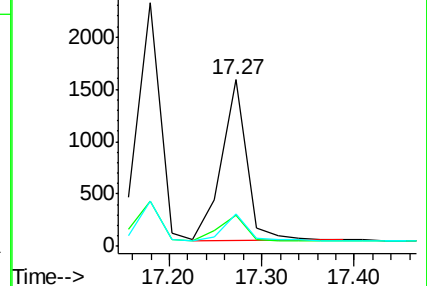
179 15.8 12.8 19.2



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

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.15 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

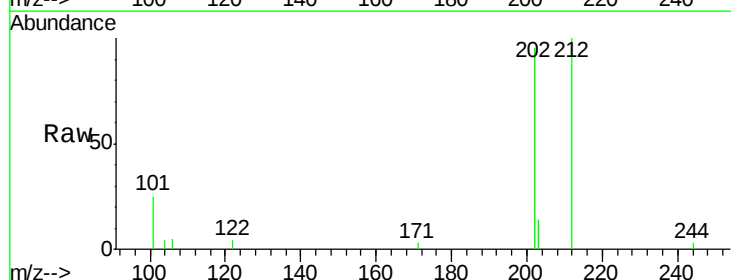
Tgt Ion:212 Resp: 3193

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

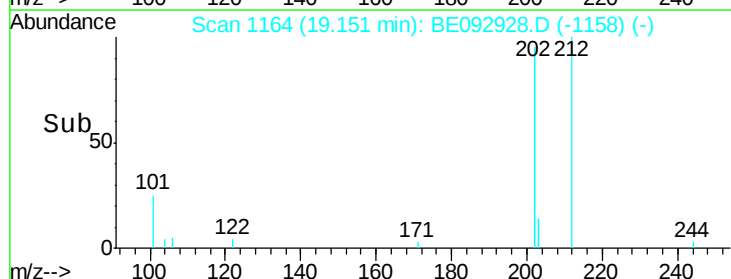
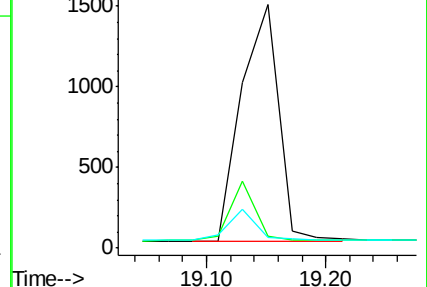
104 0.0 0.0 0.0

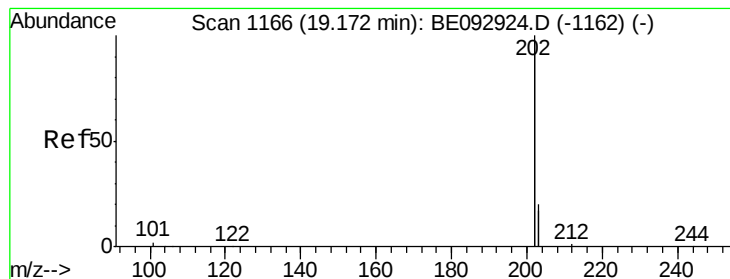


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.37 ng

RT: 19.17 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

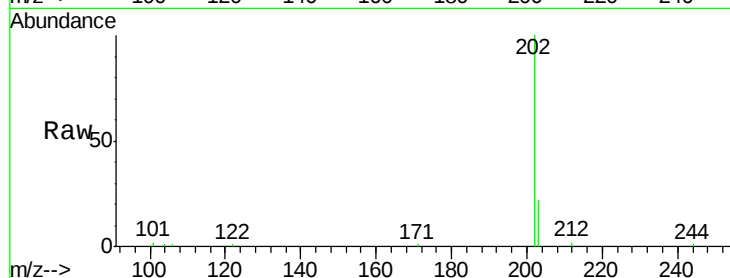
Tgt Ion:202 Resp: 16531

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

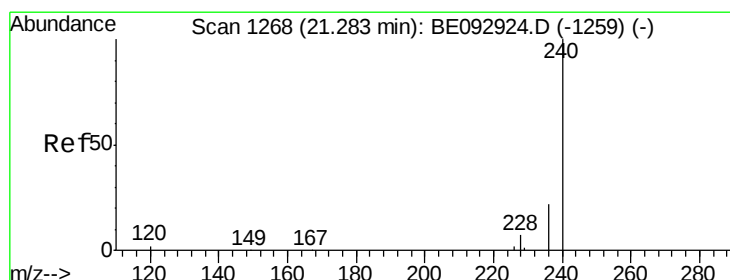
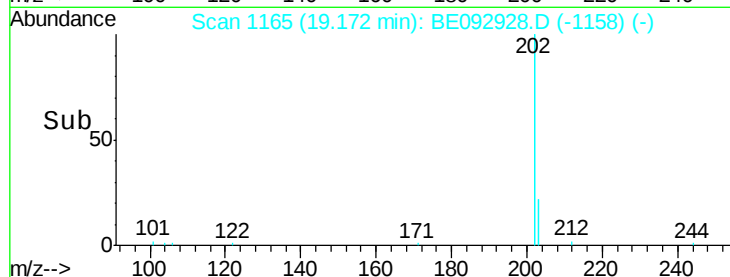
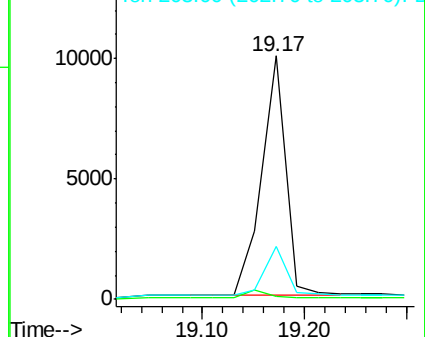
203 18.2 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

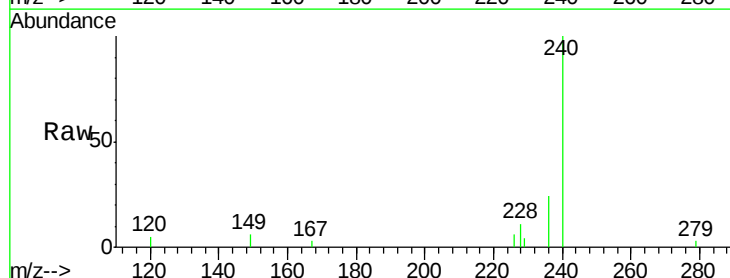
Tgt Ion:240 Resp: 3278

Ion Ratio Lower Upper

240 100

120 4.9 4.6 6.8

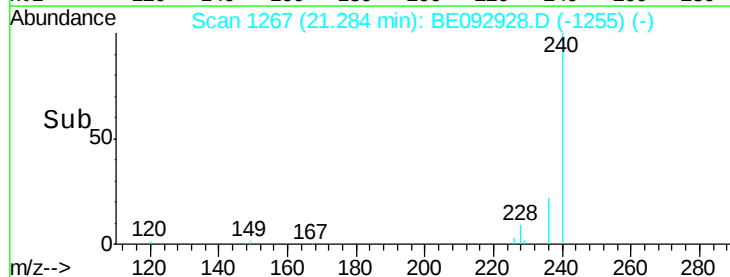
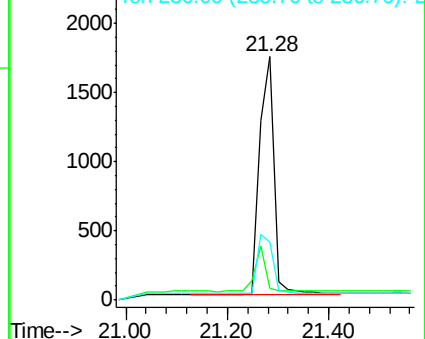
236 23.7 19.8 29.8

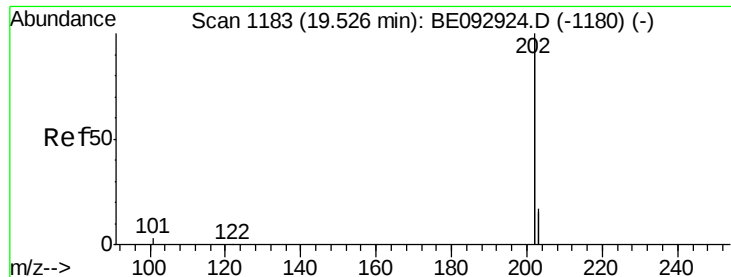


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

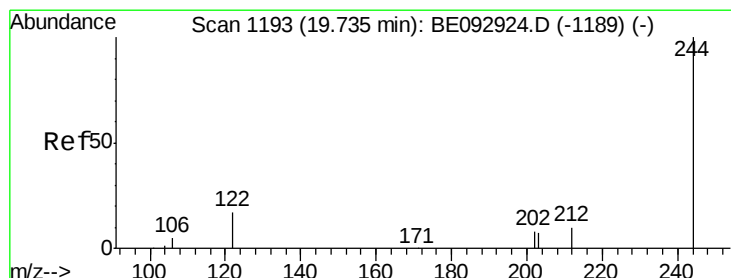
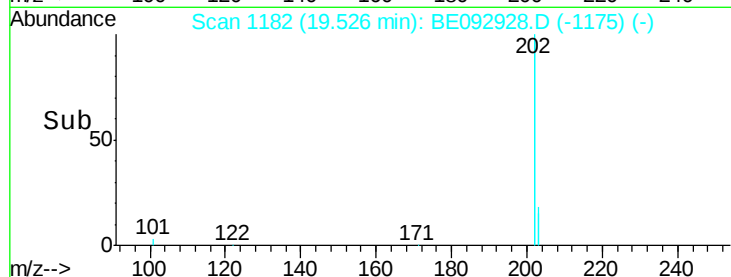
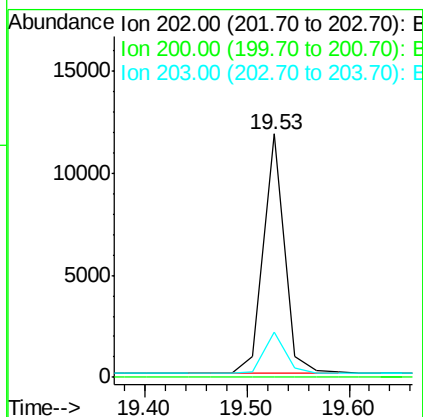
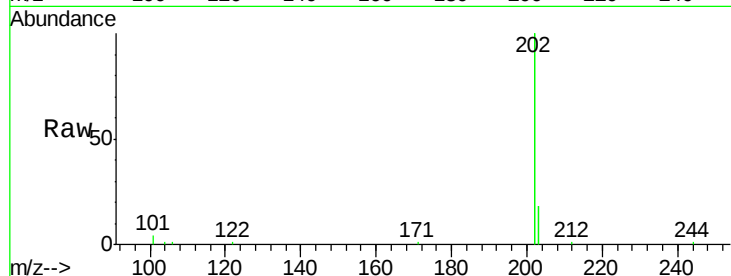




#27
 Pyrene
 Concen: 0.40 ng
 RT: 19.53 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

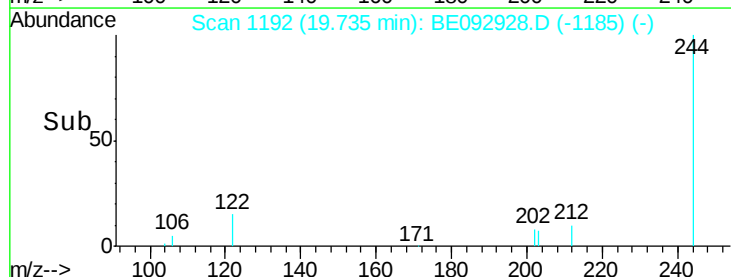
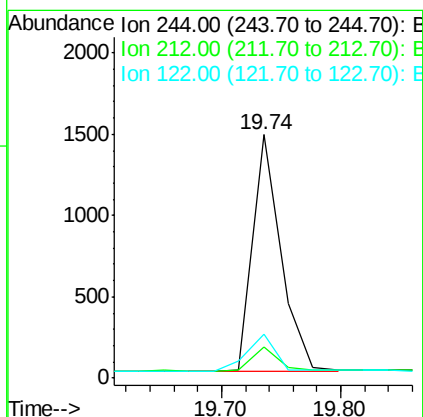
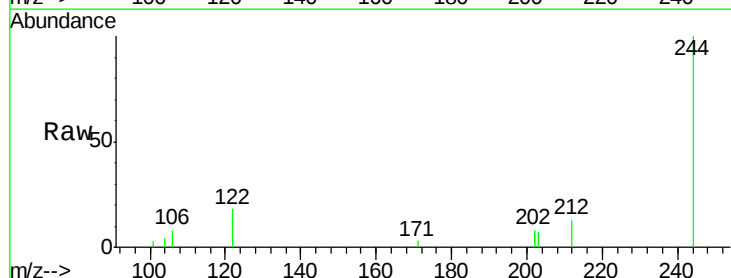
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050517

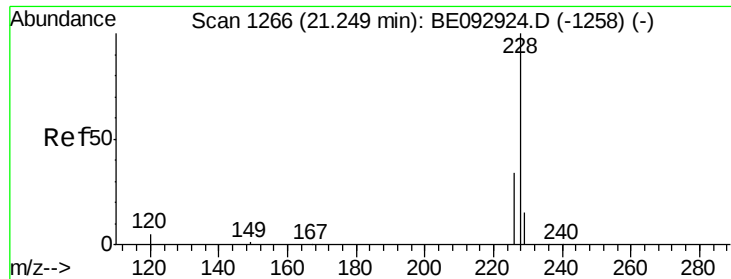
Tgt Ion: 202 Resp: 17074
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 17.7 13.5 20.3



#28
 Terphenyl-d14
 Concen: 0.42 ng
 RT: 19.74 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Tgt Ion: 244 Resp: 2387
 Ion Ratio Lower Upper
 244 100
 212 12.6 18.4 27.6#
 122 17.8 23.3 34.9#





#29

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.25 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

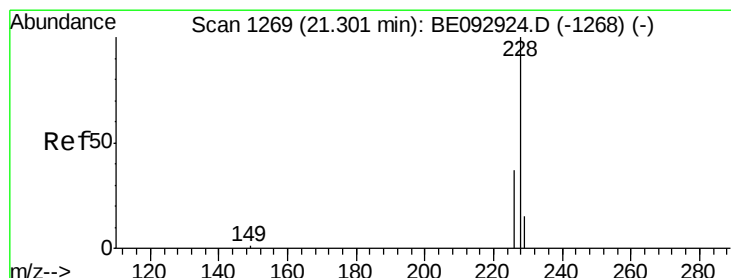
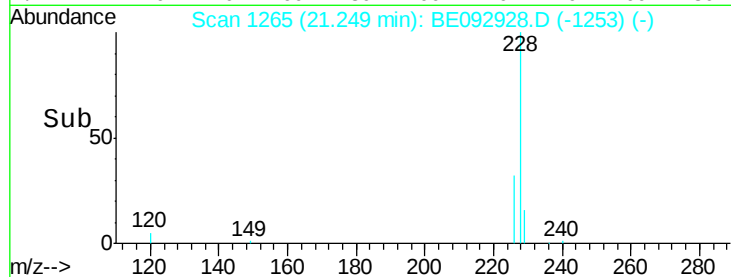
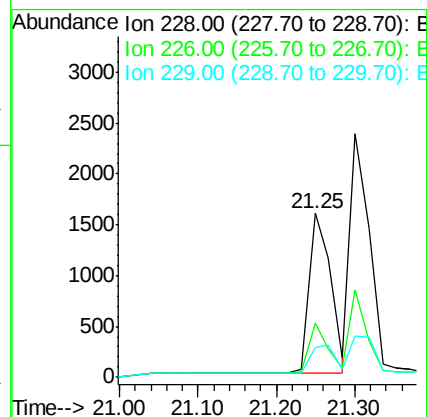
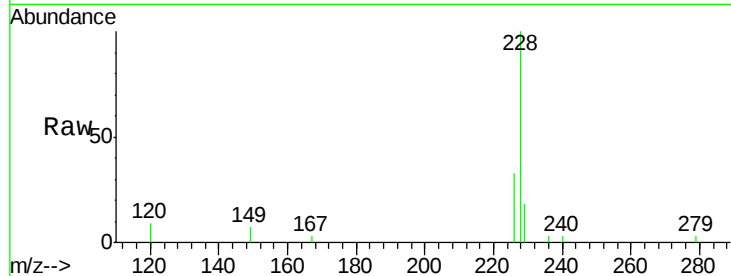
Tgt Ion:228 Resp: 2991

Ion Ratio Lower Upper

228 100

226 33.4 32.0 48.0

229 18.4 21.4 32.0#



#30

Chrysene

Concen: 0.42 ng

RT: 21.30 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

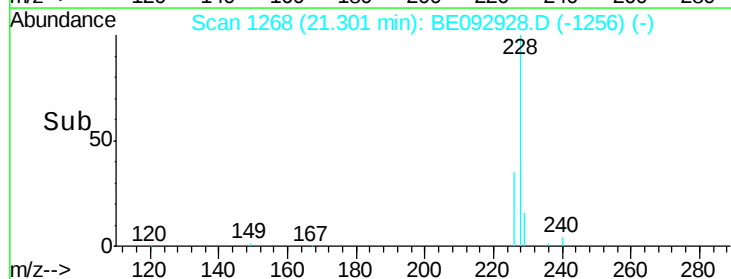
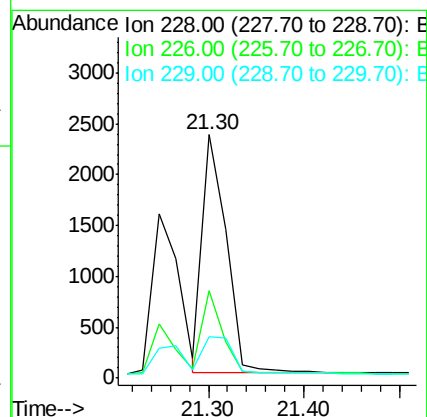
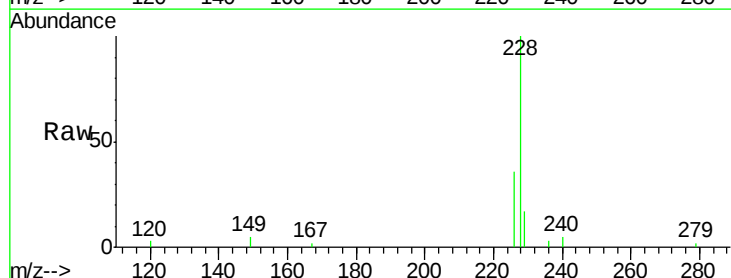
Tgt Ion:228 Resp: 4081

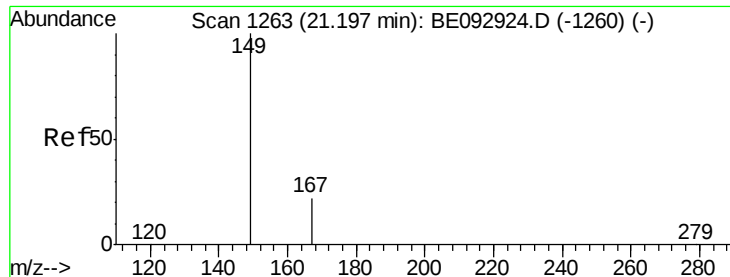
Ion Ratio Lower Upper

228 100

226 36.0 34.2 51.2

229 17.2 18.6 28.0#

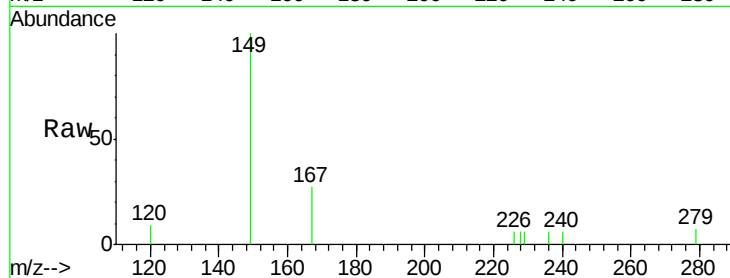




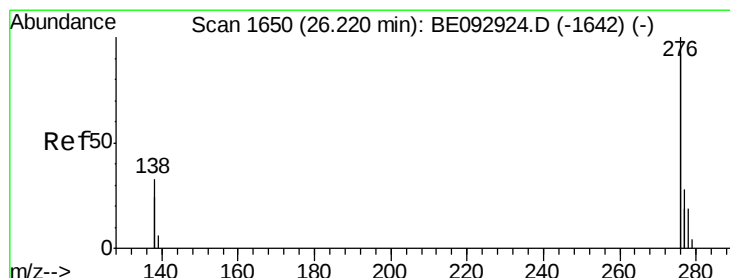
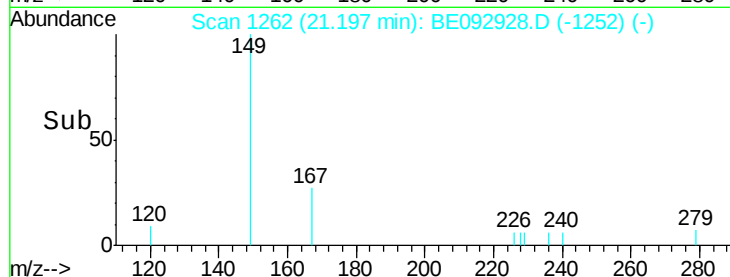
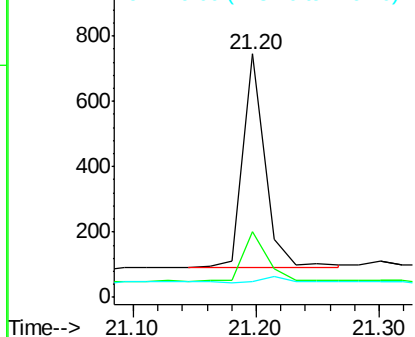
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050517

Tgt Ion:149 Resp: 817
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.9 31.3
 279 0.0 0.0 0.0

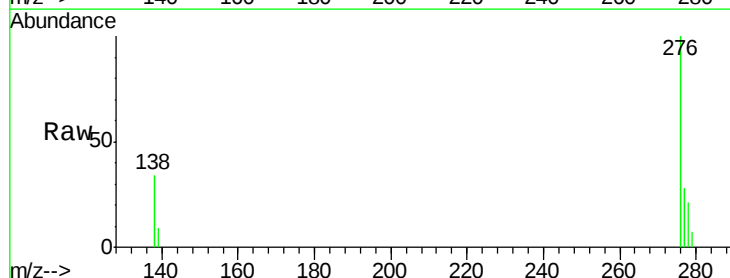


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

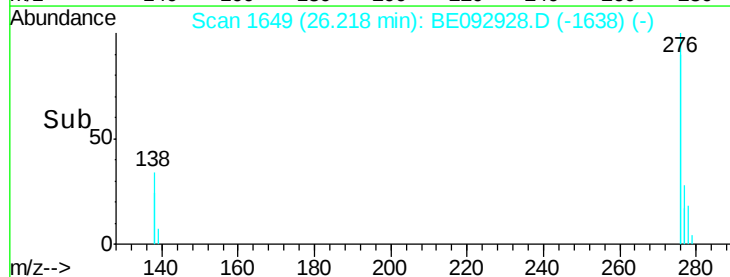
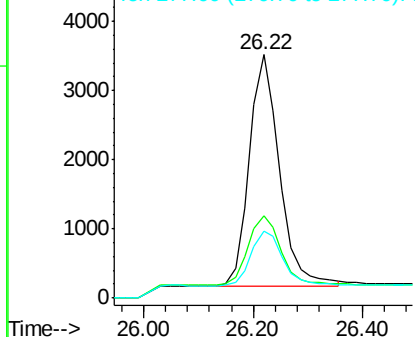


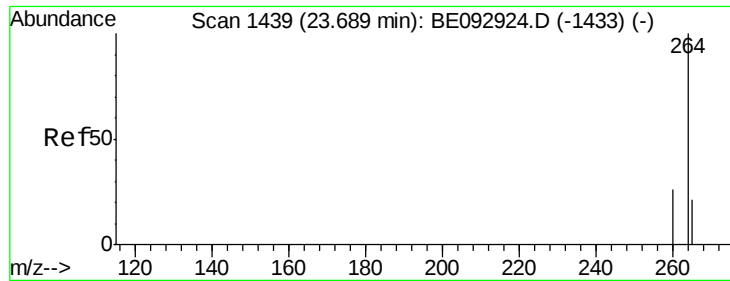
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng
 RT: 26.22 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BE092928.D
 Acq: 5 May 2017 13:33

Tgt Ion:276 Resp: 12783
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.8 38.6
 277 25.0 20.2 30.4



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





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

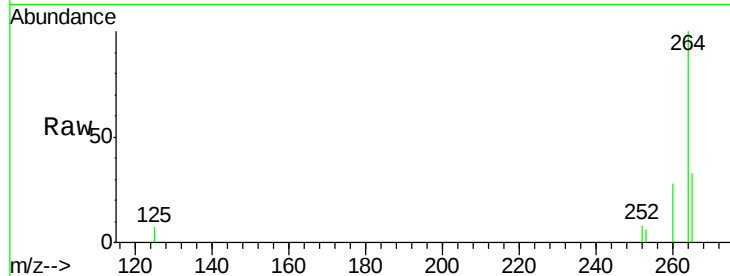
Tgt Ion:264 Resp: 2485

Ion Ratio Lower Upper

264 100

260 28.2 23.5 35.3

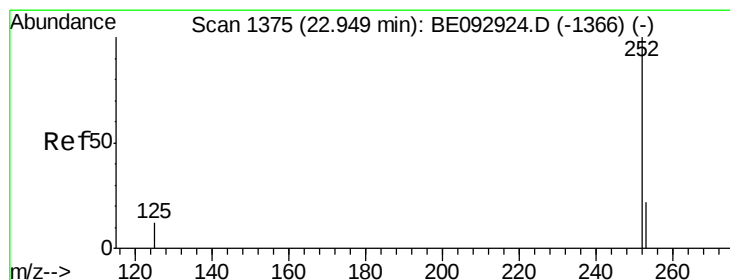
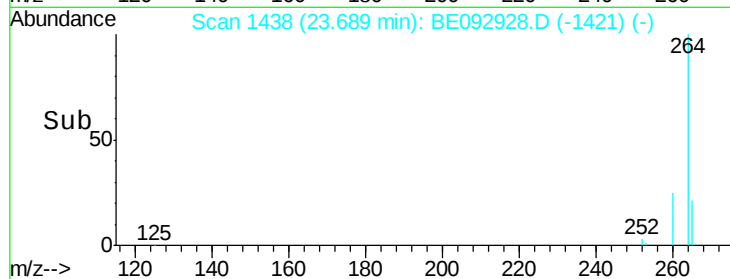
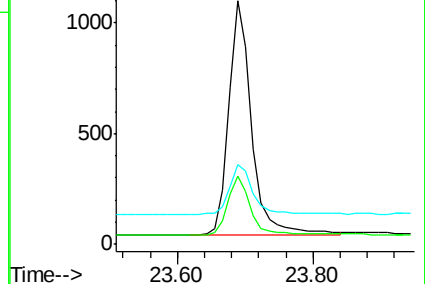
265 32.8 27.2 40.8



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



#34

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 22.95 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

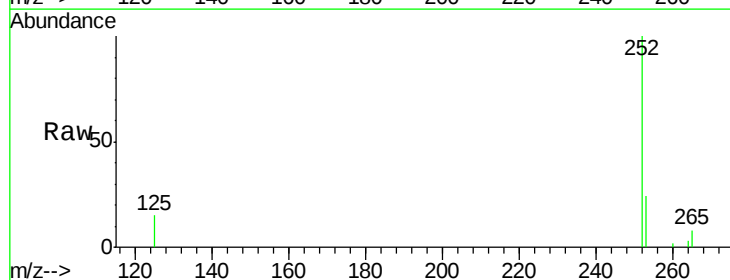
Tgt Ion:252 Resp: 3235

Ion Ratio Lower Upper

252 100

253 24.1 24.7 37.1#

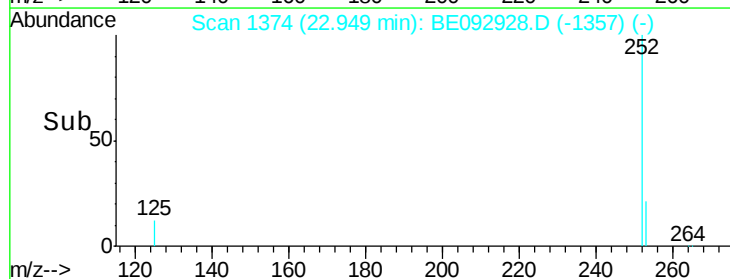
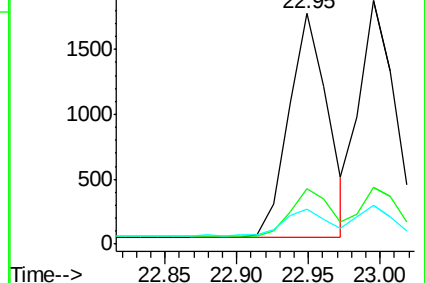
125 15.0 20.3 30.5#

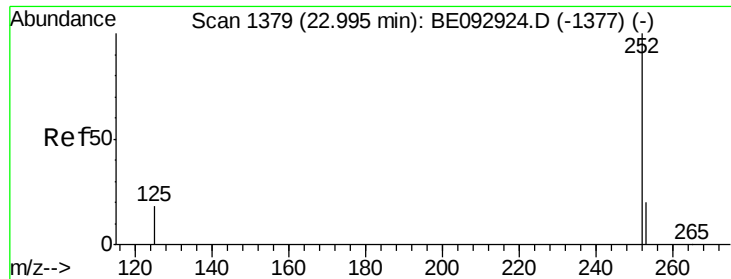


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

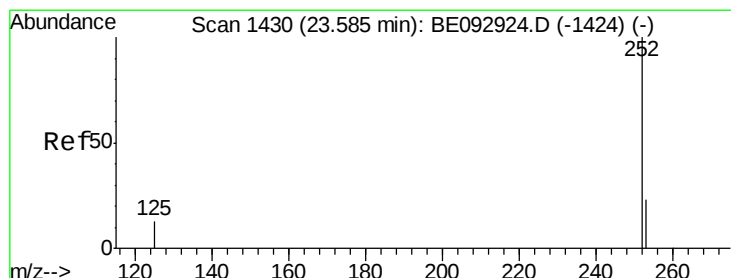
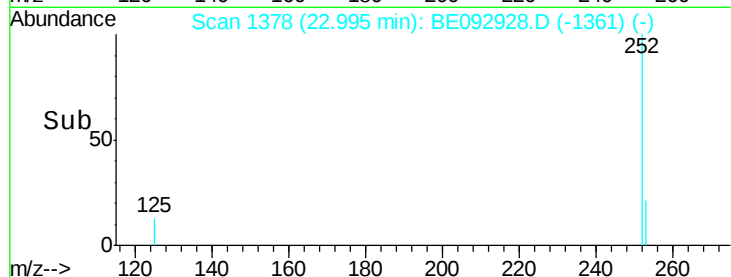
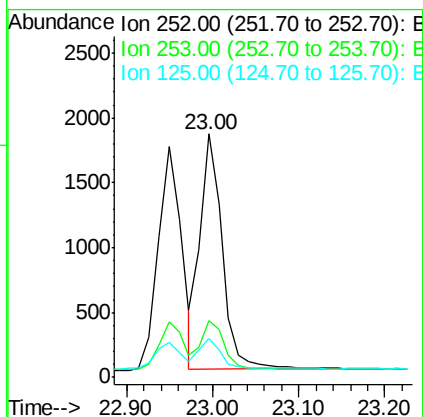
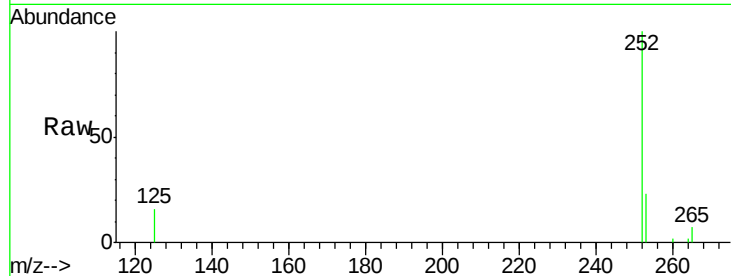




#35
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.00 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

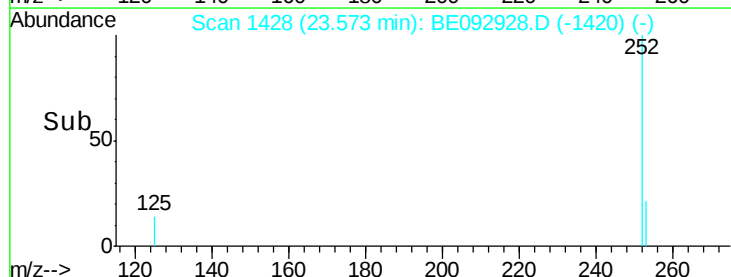
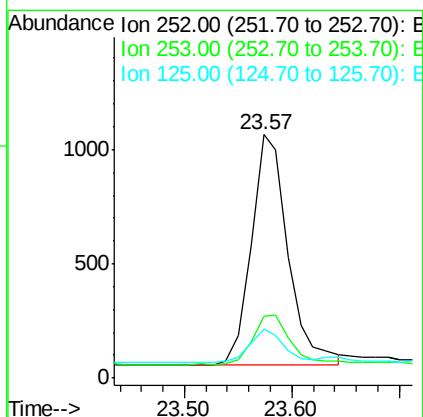
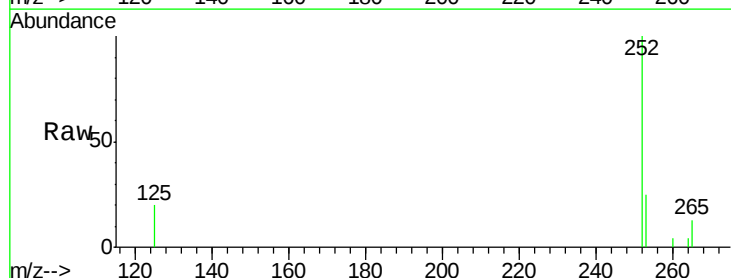
Instrument :
BNA_E
ClientSampleId :
ICVBE050517

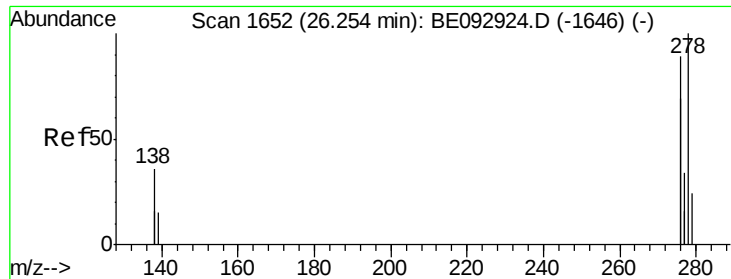
Tgt Ion: 252 Resp: 3268
Ion Ratio Lower Upper
252 100
253 23.4 25.8 38.8#
125 16.1 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.57 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion: 252 Resp: 2398
Ion Ratio Lower Upper
252 100
253 25.1 31.3 46.9#
125 19.9 26.4 39.6#





#37

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.25 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

Instrument :

BNA_E

ClientSampleId :

ICVBE050517

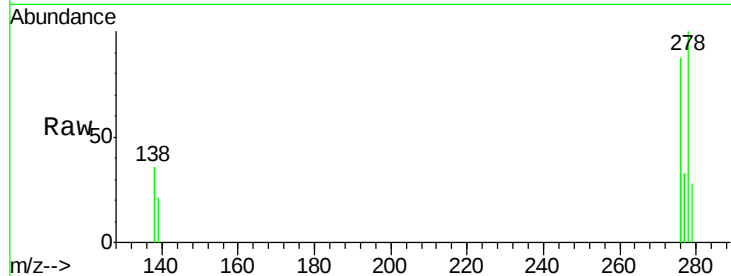
Tgt Ion: 278 Resp: 2848

Ion Ratio Lower Upper

278 100

139 21.1 27.4 41.2#

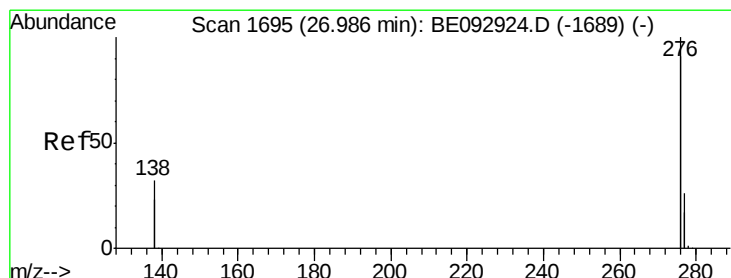
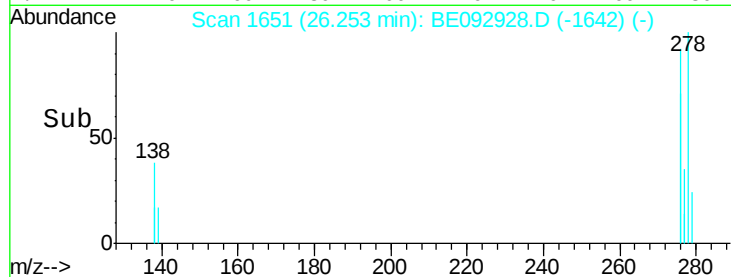
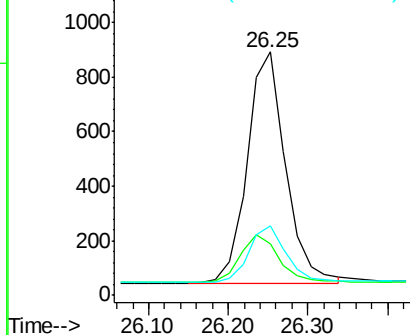
279 28.3 33.3 49.9#



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



#38

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 26.99 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE092928.D

Acq: 5 May 2017 13:33

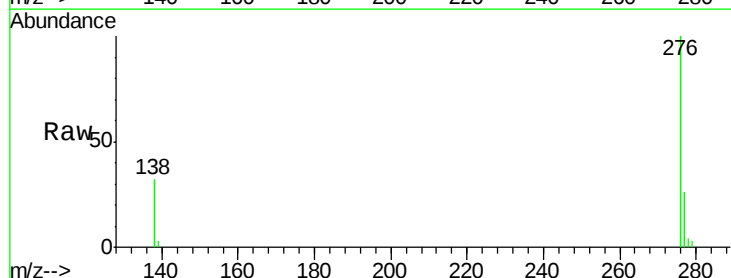
Tgt Ion: 276 Resp: 12674

Ion Ratio Lower Upper

276 100

277 26.1 29.9 44.9#

138 31.7 34.6 51.8#



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

