

Data File : BE092915.D
Acq On : 27 Apr 2017 15:24
Operator : SJ/MA
Sample : PB98517BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB98517BS

Quant Time: Apr 28 04:04:59 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	861	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3374	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1367	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3204	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2818	0.40	ng	0.00
33) Perylene-d12	23.69	264	2466	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	590	0.31	ng	0.00
5) Phenol-d6	6.94	99	781	0.30	ng	0.00
8) Nitrobenzene-d5	8.90	82	688	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1935	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	51	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1999	0.32	ng	0.00
24) Fluoranthene-d10	19.15	212	2288	0.30	ng	0.00
28) Terphenyl-d14	19.73	244	1477	0.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	341	0.21	ng	# 81
3) n-Nitrosodimethylamine	3.61	42	402	0.32	ng	# 82
6) bis(2-Chloroethyl)ether	7.20	93	974	0.31	ng	# 99
9) Naphthalene	10.58	128	2808	0.31	ng	# 87
10) Hexachlorobutadiene	10.89	225	385	0.31	ng	# 96
12) 2-Methylnaphthalene	12.19	142	1725	0.31	ng	# 96
16) Acenaphthylene	14.10	152	6561	0.30	ng	# 99
17) Acenaphthene	14.44	154	1379	0.32	ng	# 94
18) Fluorene	15.42	166	1597	0.30	ng	# 99
20) Hexachlorobenzene	16.47	284	426	0.30	ng	# 100
21) Pentachlorophenol	16.79	266	111	0.48	ng	# 84
22) Phenanthrene	17.18	178	2778	0.30	ng	# 98
23) Anthracene	17.27	178	2098	0.30	ng	# 99
25) Fluoranthene	19.17	202	10947	0.27	ng	# 97
27) Pyrene	19.53	202	11091	0.30	ng	# 99
29) Benzo(a)anthracene	21.25	228	2069	0.32	ng	# 90
30) Chrysene	21.25	228	2069	0.25	ng	# 90
31) Bis(2-ethylhexyl)phthalate	21.20	149	506	0.30	ng	# 93
32) Indeno(1,2,3-cd)pyrene	26.22	276	11154	0.40	ng	# 98
34) Benzo(b)fluoranthene	22.95	252	2367	0.27	ng	# 87
35) Benzo(k)fluoranthene	23.00	252	2445	0.28	ng	# 86
36) Benzo(a)pyrene	23.58	252	2096	0.30	ng	# 80
37) Dibenzo(a,h)anthracene	26.25	278	2403	0.31	ng	# 79
38) Benzo(g,h,i)perylene	26.99	276	10156	0.30	ng	# 83

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

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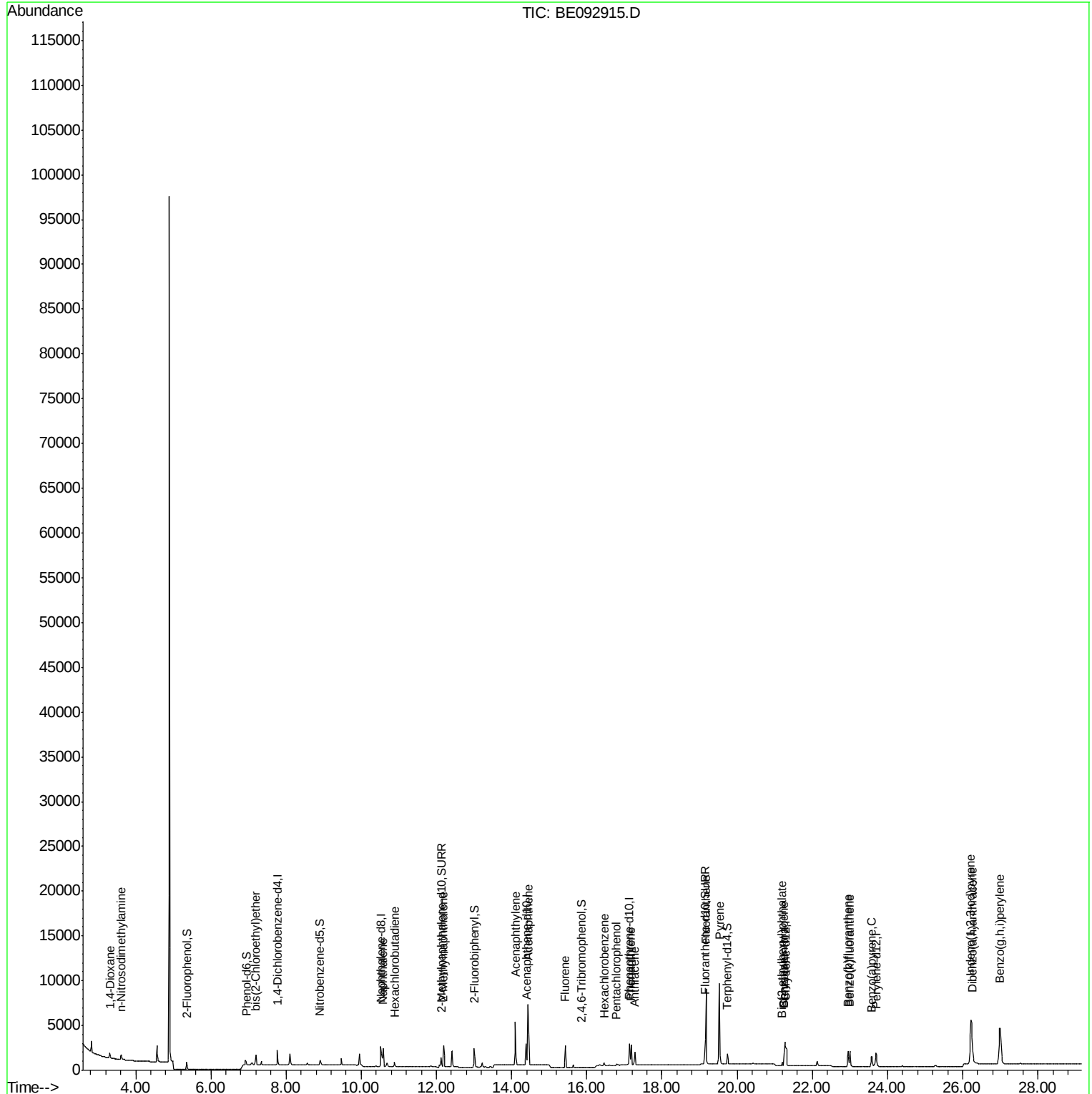
Quant Time: Apr 28 04:04:59 2017

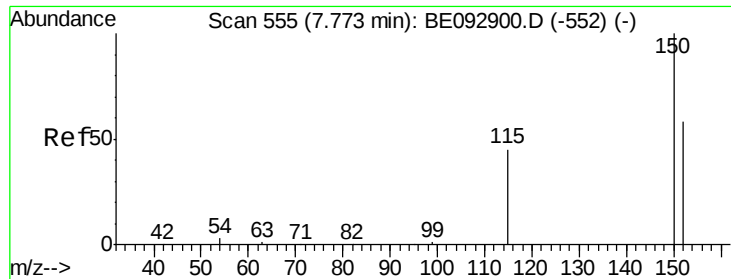
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 20 17:35:10 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

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Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

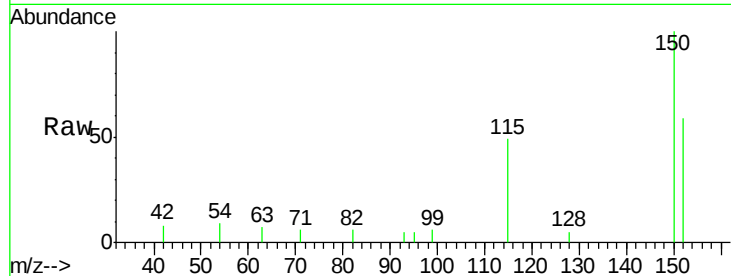
Tgt Ion:152 Resp: 861

Ion Ratio Lower Upper

152 100

150 168.8 129.9 194.9

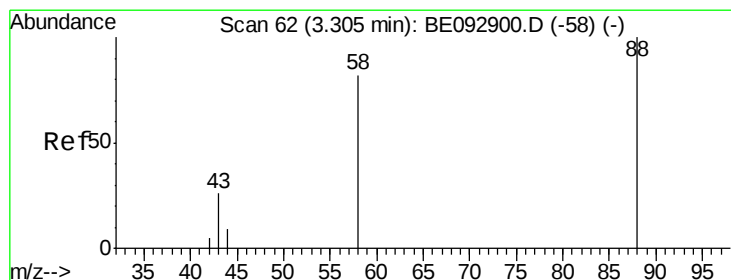
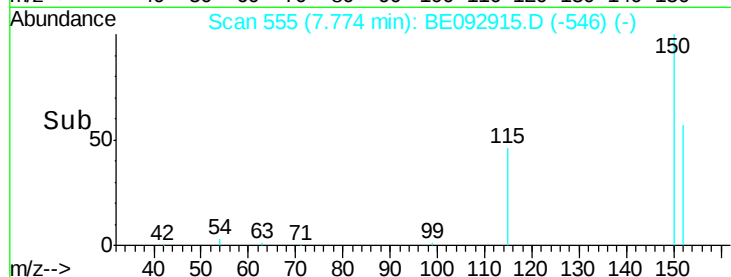
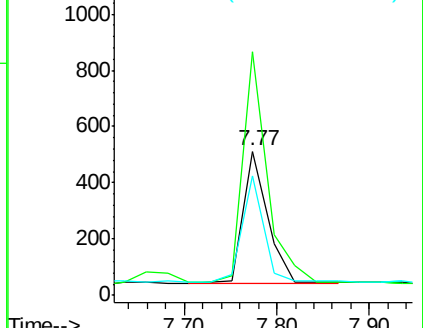
115 82.7 62.6 93.8



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: 0.21 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

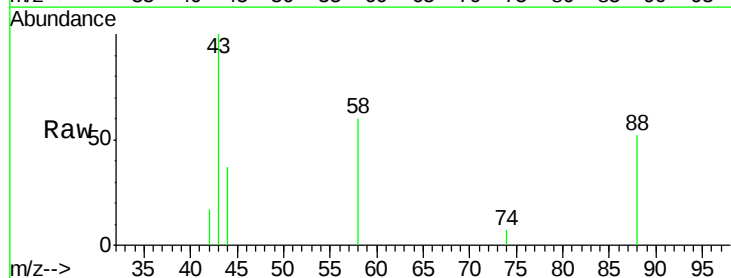
Tgt Ion: 88 Resp: 341

Ion Ratio Lower Upper

88 100

58 86.8 64.9 97.3

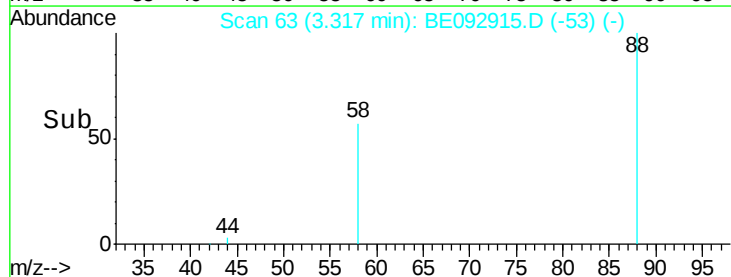
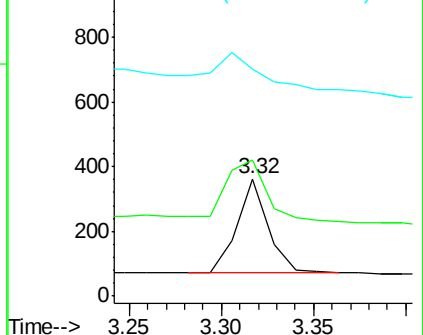
43 62.2 26.6 40.0#

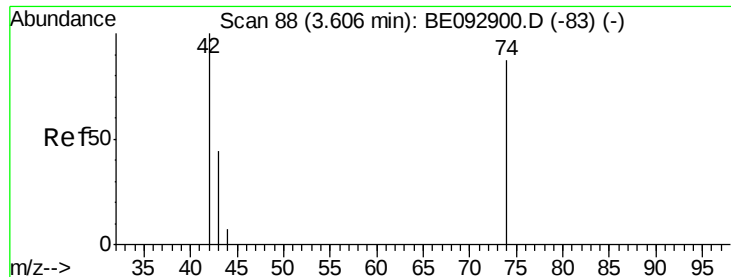


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

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ClientSampleId :

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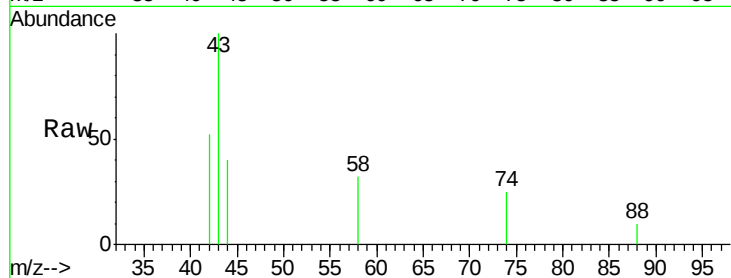
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

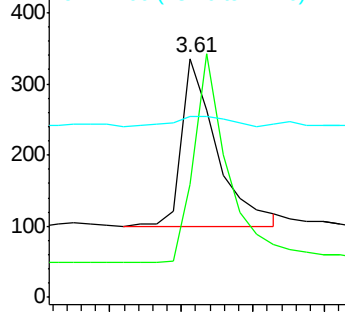
42 100

74 118.4 106.6 160.0

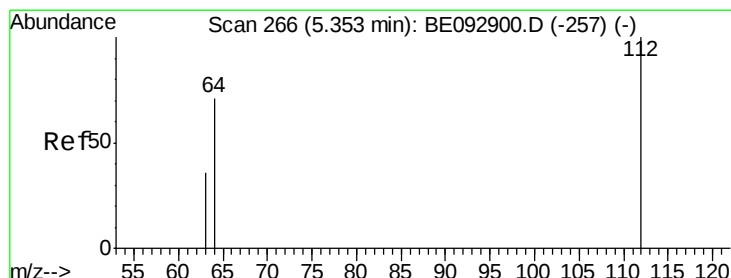
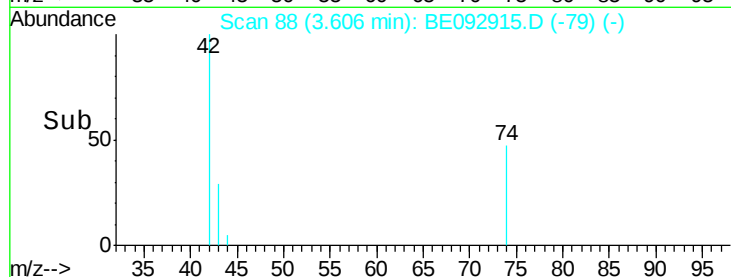
44 10.0 25.7 38.5#



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



Time-->



#4

2-Fluorophenol

Concen: 0.31 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

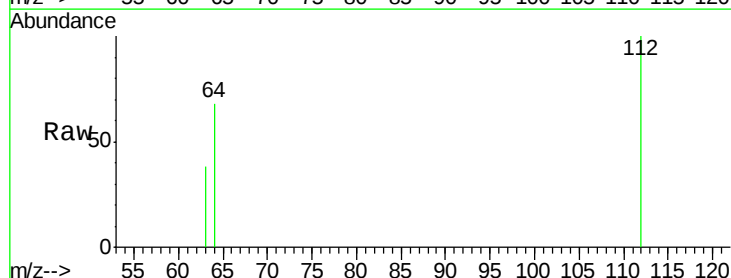
Tgt Ion: 112 Resp: 590

Ion Ratio Lower Upper

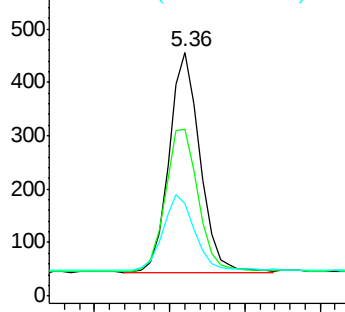
112 100

64 69.2 52.6 79.0

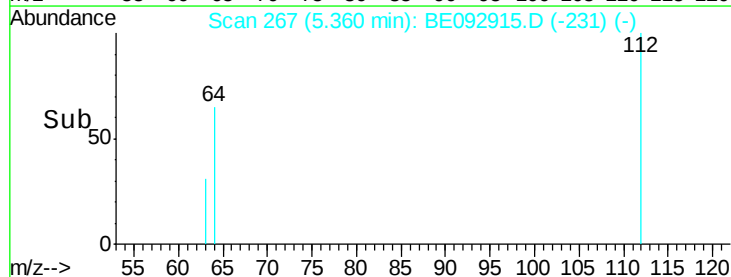
63 35.6 29.0 43.4

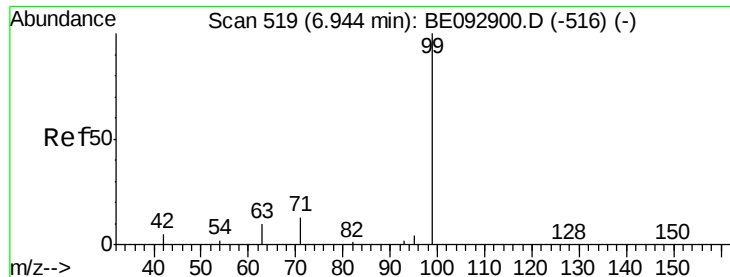


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.30 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

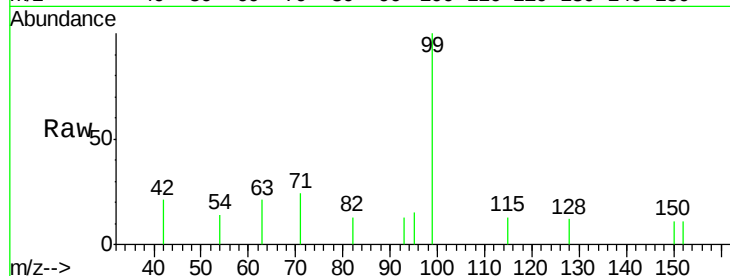
Tgt Ion: 99 Resp: 781

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

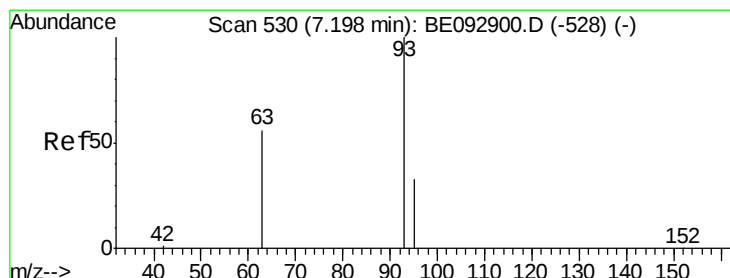
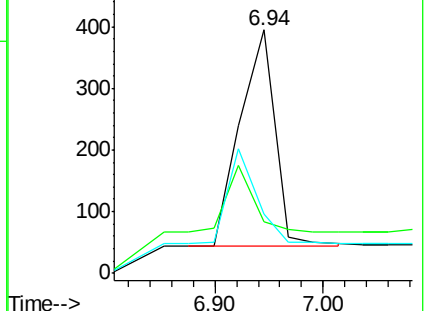
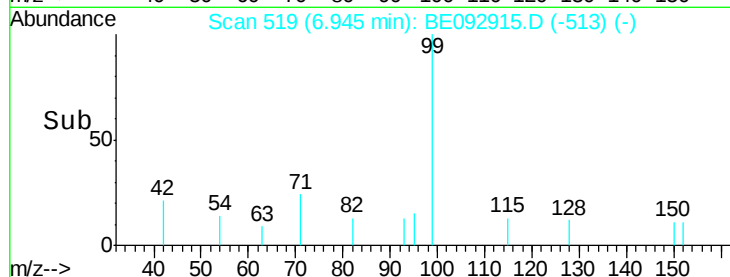
71 0.0 0.0 0.0



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: 0.31 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

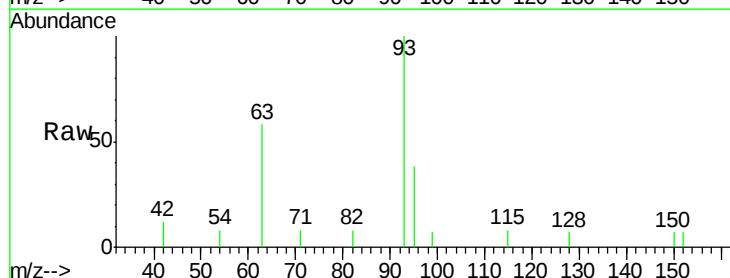
Tgt Ion: 93 Resp: 974

Ion Ratio Lower Upper

93 100

63 77.6 61.2 91.8

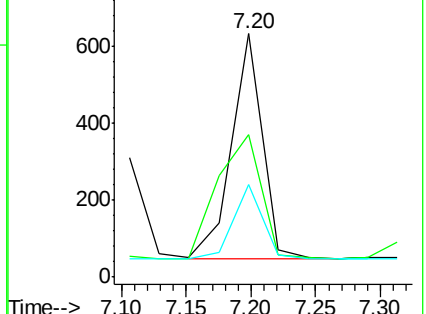
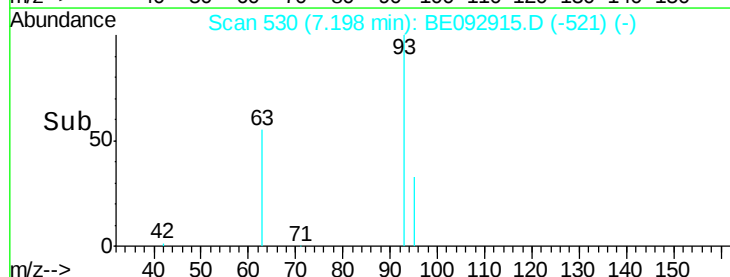
95 32.0 25.5 38.3

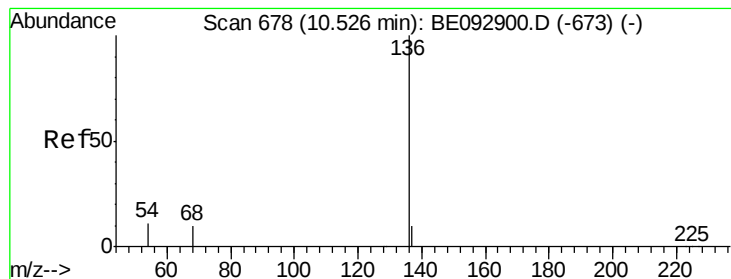


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

Tgt Ion: 136 Resp: 3374

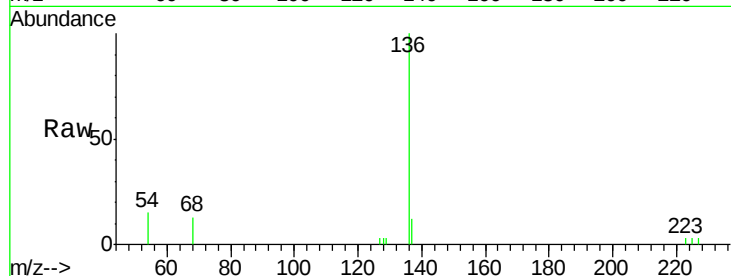
Ion Ratio Lower Upper

136 100

137 12.2 10.4 15.6

54 14.8 12.6 18.8

68 12.9 10.7 16.1

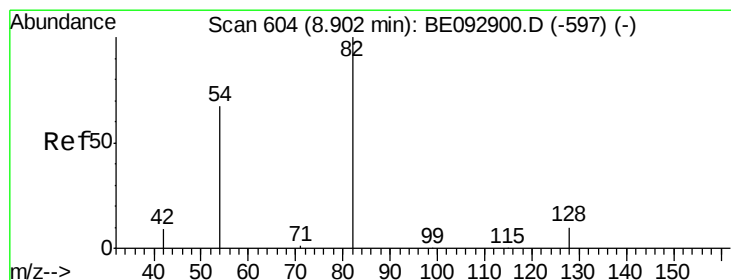
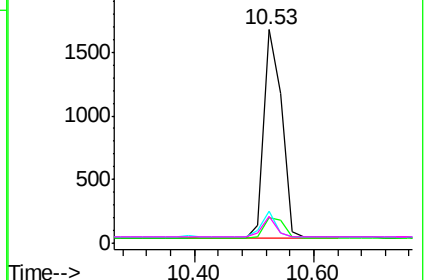
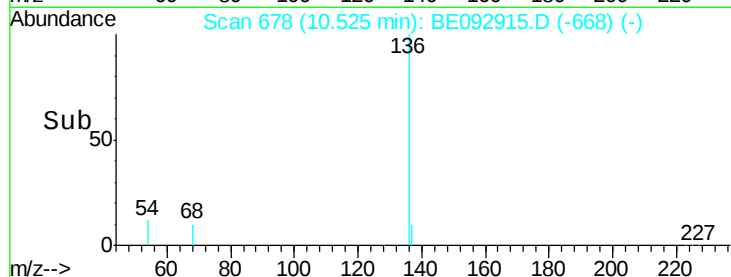


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.31 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

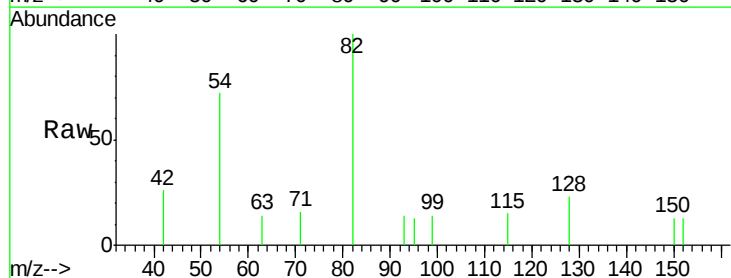
Tgt Ion: 82 Resp: 688

Ion Ratio Lower Upper

82 100

128 23.3 35.3 52.9#

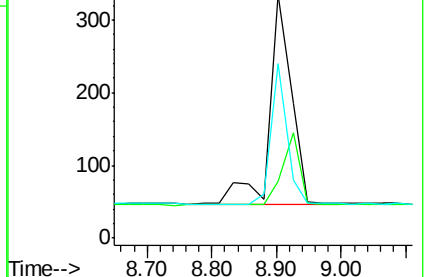
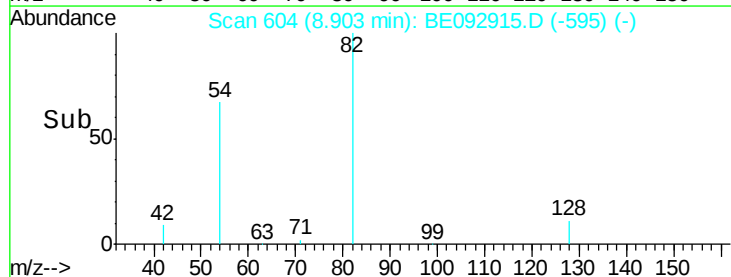
54 71.6 65.1 97.7

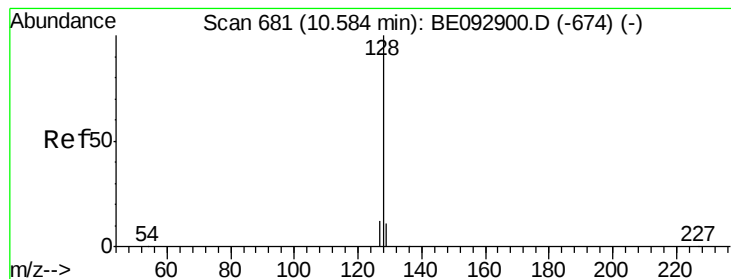


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.31 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

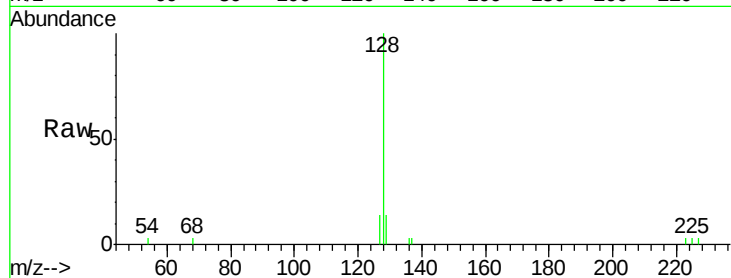
Tgt Ion:128 Resp: 2808

Ion Ratio Lower Upper

128 100

129 13.7 15.8 23.8#

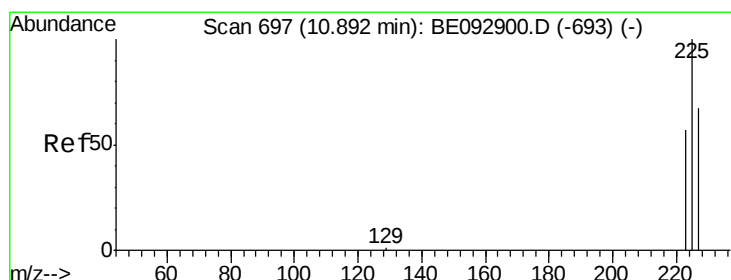
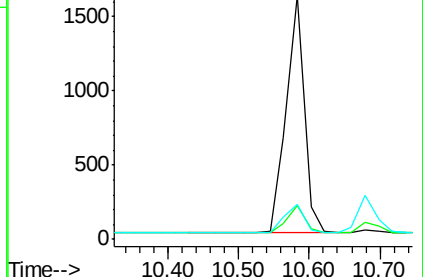
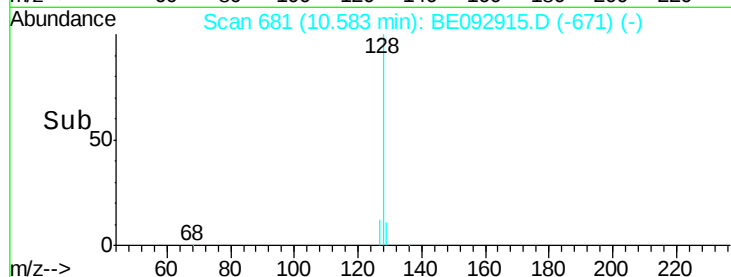
127 14.4 16.0 24.0#



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: 0.31 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

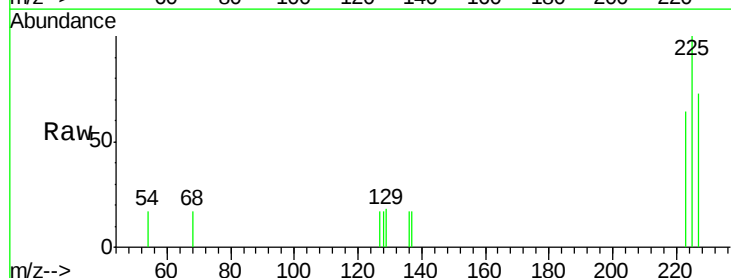
Tgt Ion:225 Resp: 385

Ion Ratio Lower Upper

225 100

223 64.7 55.4 83.2

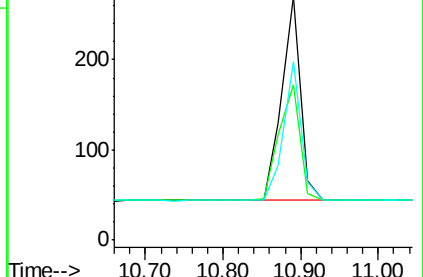
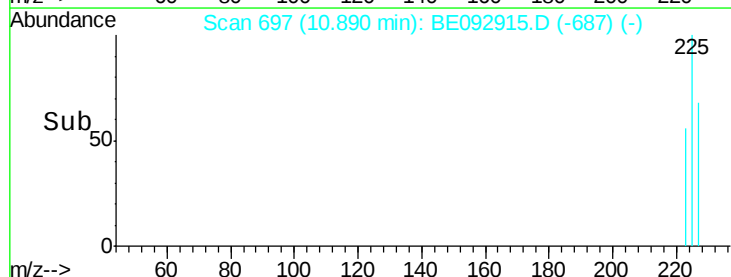
227 67.0 52.2 78.4

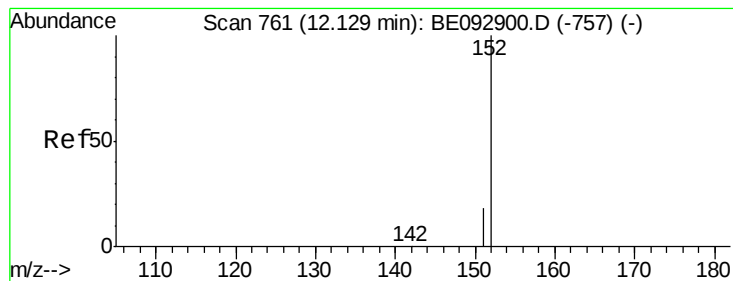


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampled :

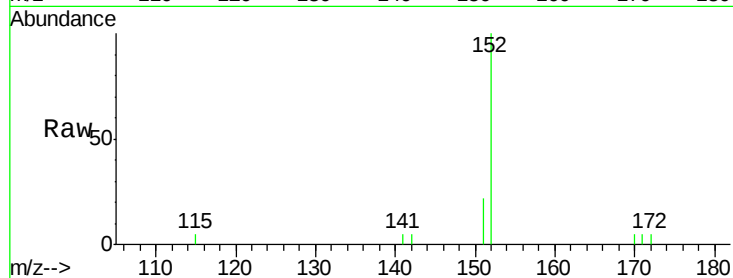
PB98517BS

Tgt Ion:152 Resp: 1935

Ion Ratio Lower Upper

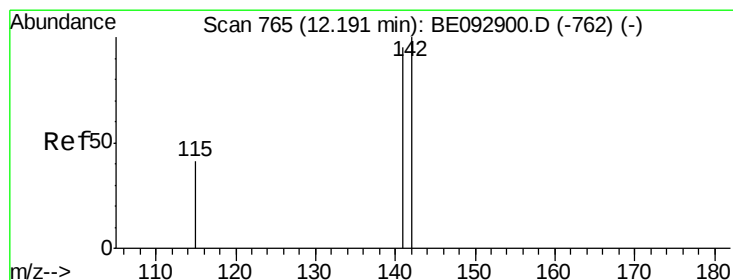
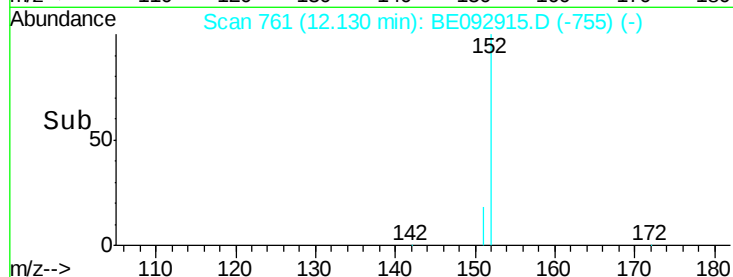
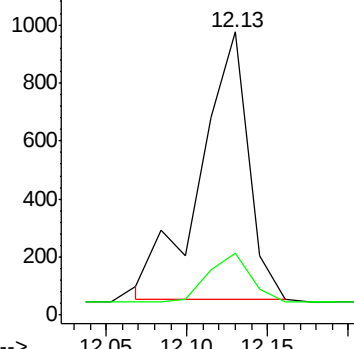
152 100

151 16.0 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: 0.31 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

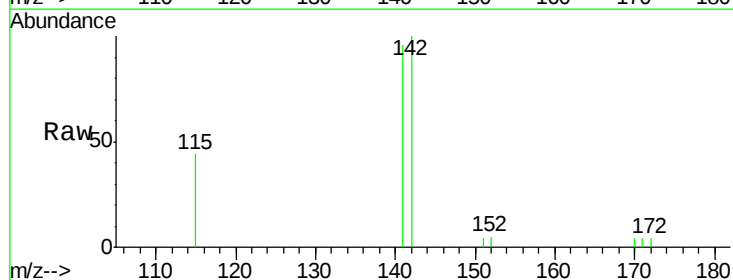
Tgt Ion:142 Resp: 1725

Ion Ratio Lower Upper

142 100

141 95.6 76.0 114.0

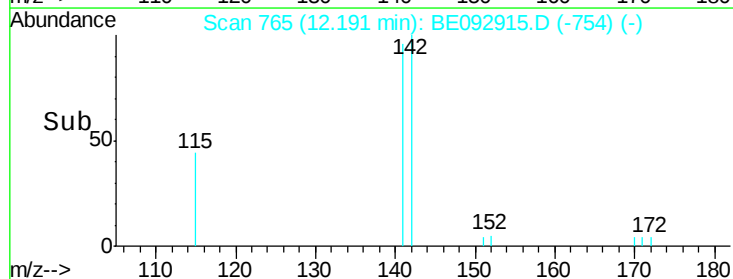
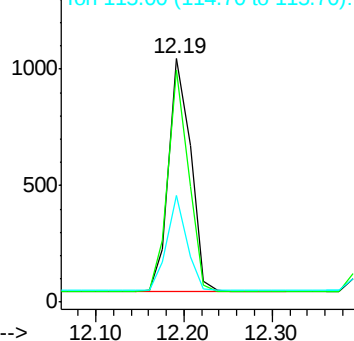
115 43.9 41.6 62.4

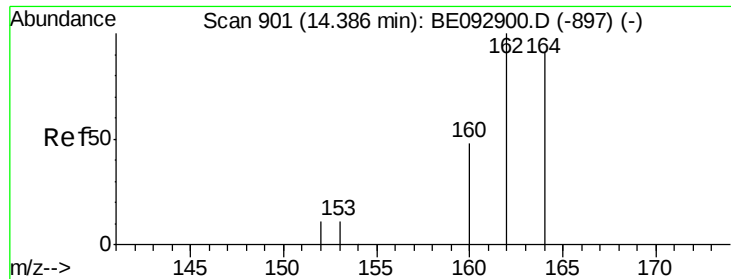


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

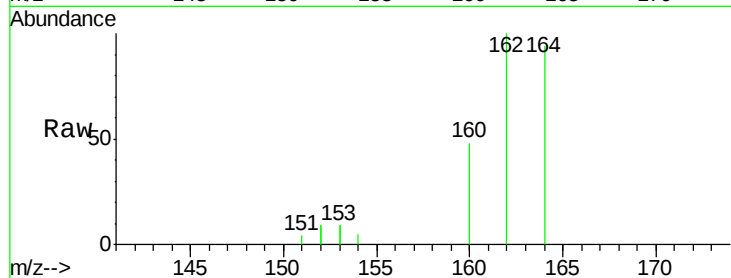




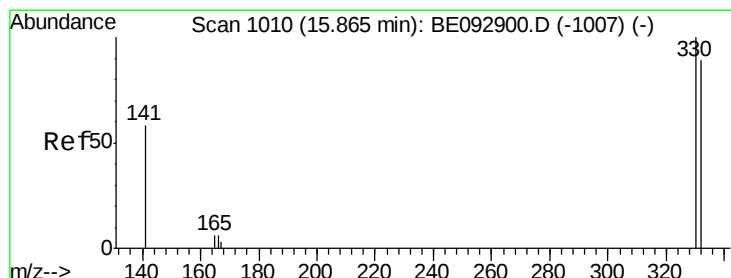
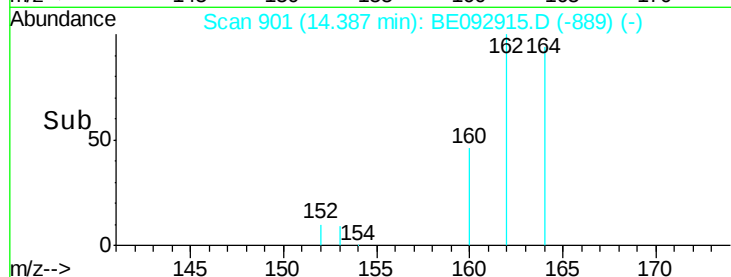
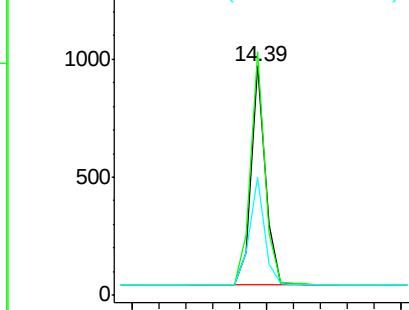
#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Instrument :
 BNA_E
 ClientSampleId :
 PB98517BS

Tgt Ion:164 Resp: 1367
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.6 130.0
 160 51.3 44.5 66.7

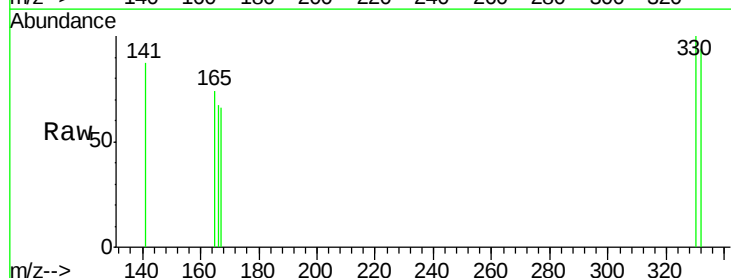


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

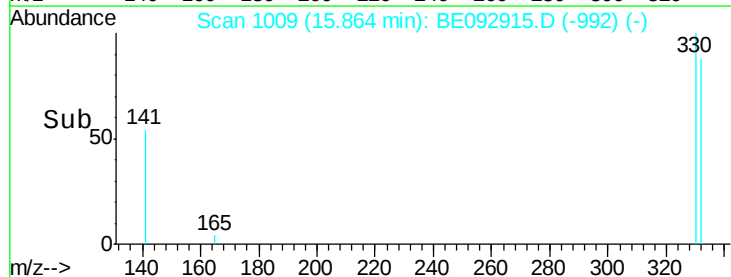
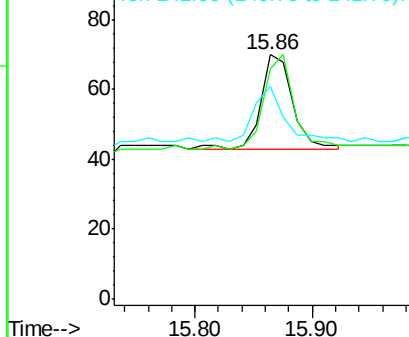


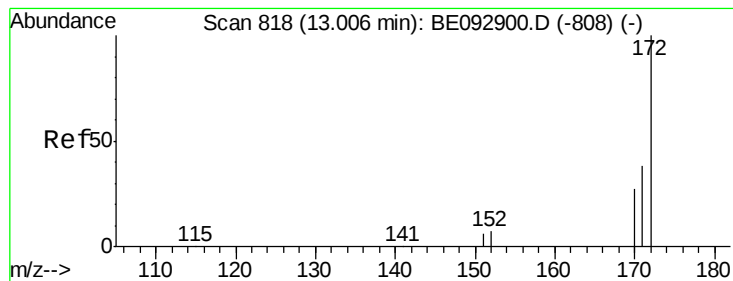
#14
 2,4,6-Tribromophenol
 Concen: 0.23 ng
 RT: 15.86 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Tgt Ion:330 Resp: 51
 Ion Ratio Lower Upper
 330 100
 332 96.1 69.1 103.7
 141 60.8 54.6 81.8



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.32 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

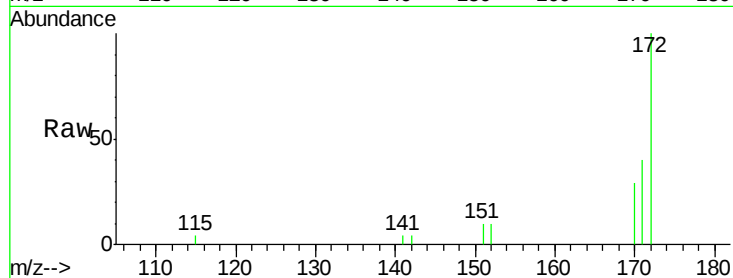
Tgt Ion:172 Resp: 1999

Ion Ratio Lower Upper

172 100

171 39.6 35.8 53.6

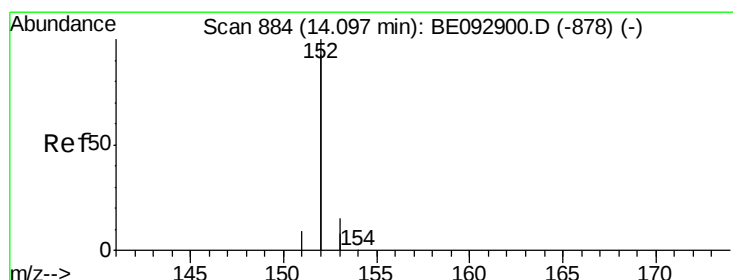
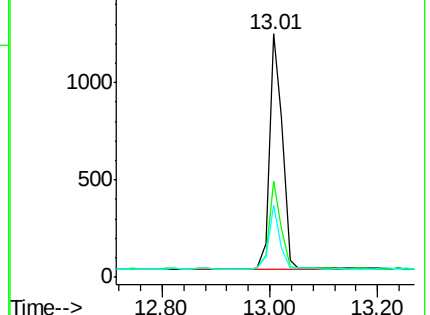
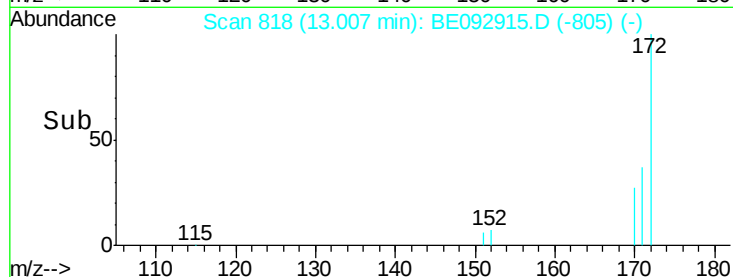
170 29.5 28.5 42.7



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: 0.30 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

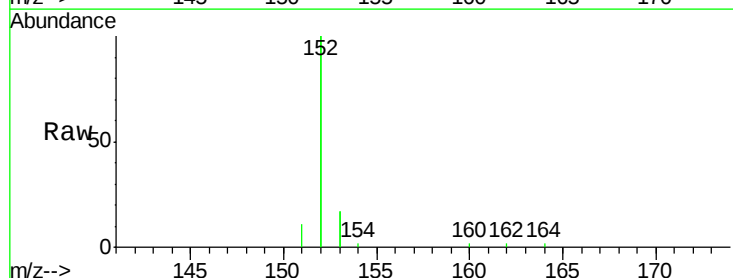
Tgt Ion:152 Resp: 6561

Ion Ratio Lower Upper

152 100

151 5.0 3.8 5.8

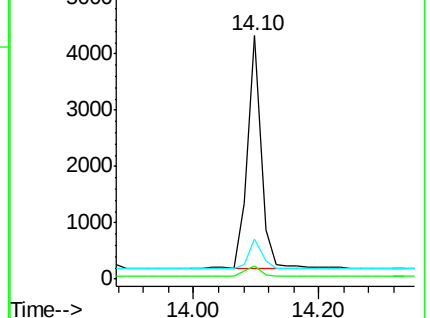
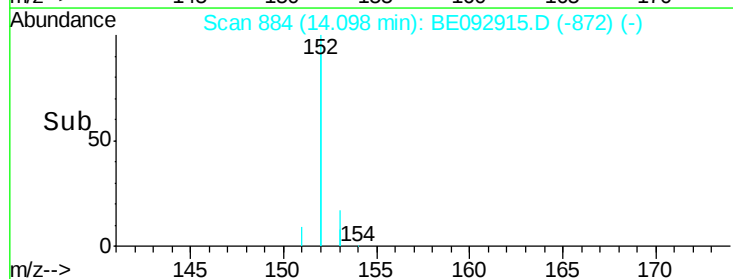
153 12.9 10.0 15.0

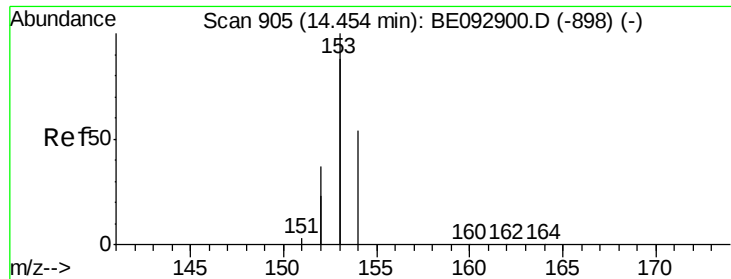


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.32 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.02 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

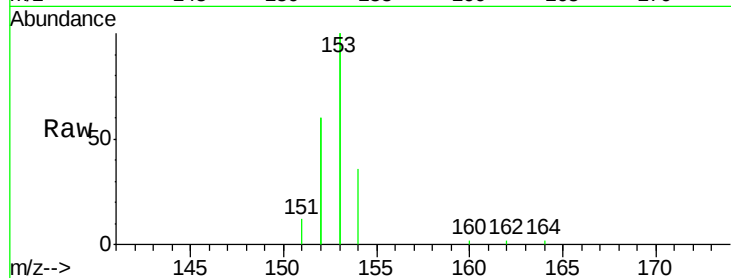
Tgt Ion:154 Resp: 1379

Ion Ratio Lower Upper

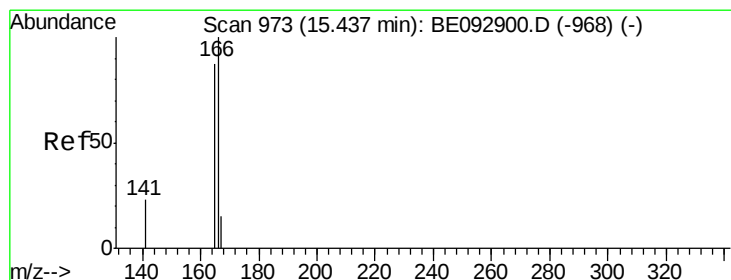
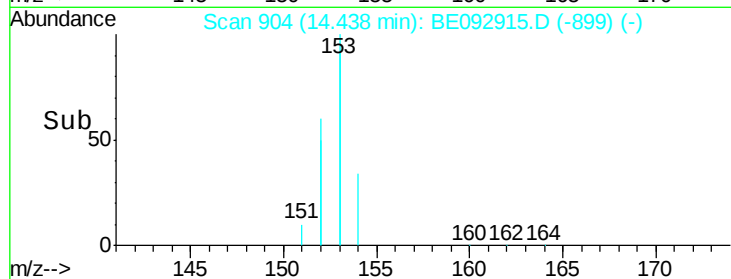
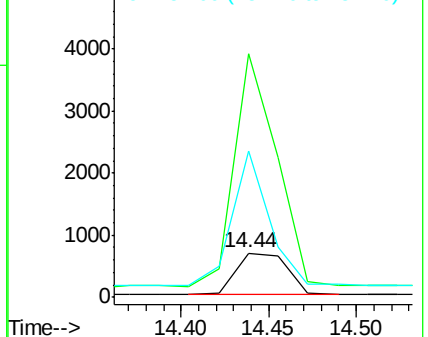
154 100

153 457.3 355.6 533.4

152 233.1 177.8 266.8



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: 0.30 ng

RT: 15.42 min Scan# 971

Delta R.T. -0.01 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

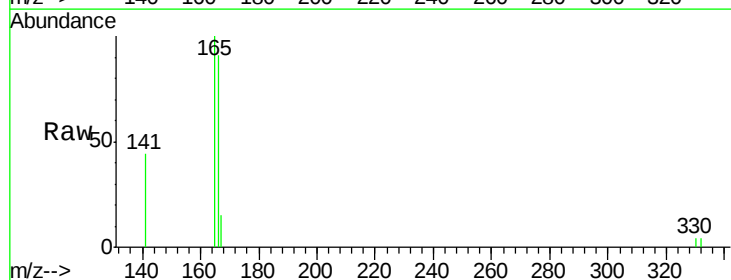
Tgt Ion:166 Resp: 1597

Ion Ratio Lower Upper

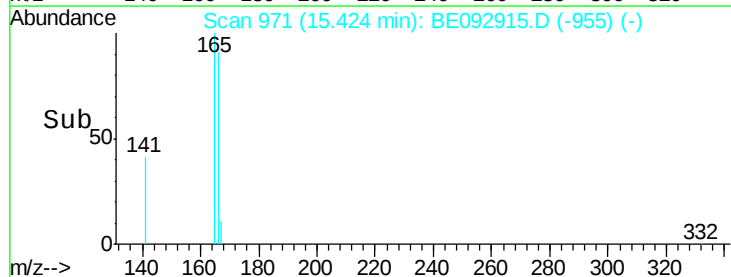
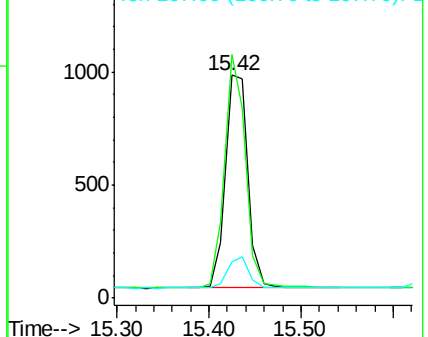
166 100

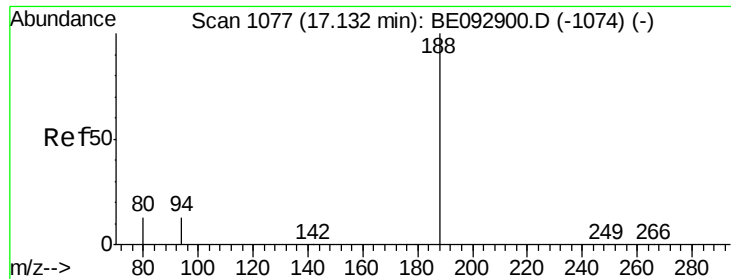
165 100.4 80.7 121.1

167 13.6 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: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

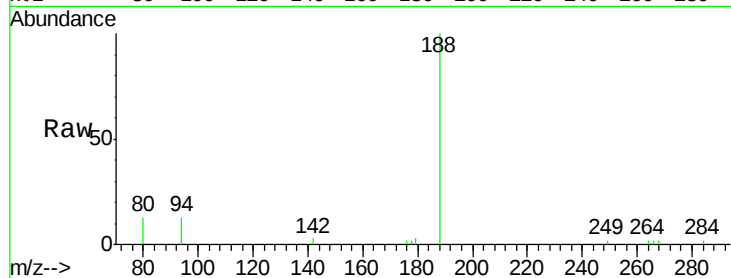
Tgt Ion:188 Resp: 3204

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

80 12.6 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

2500

2000

1500

1000

500

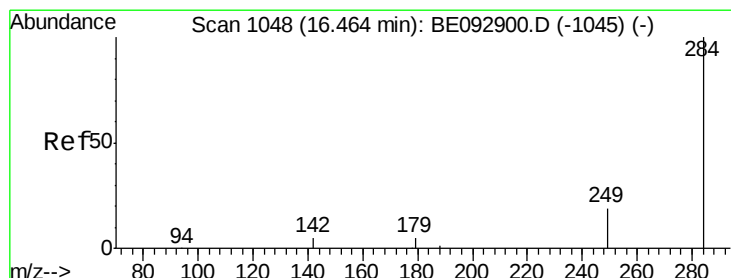
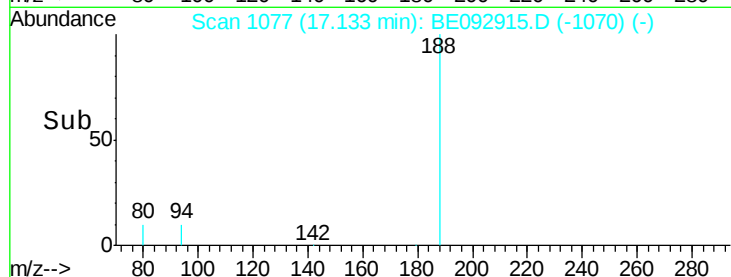
0

17.13

17.10

17.20

Time-->



#20

Hexachlorobenzene

Concen: 0.30 ng

RT: 16.47 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

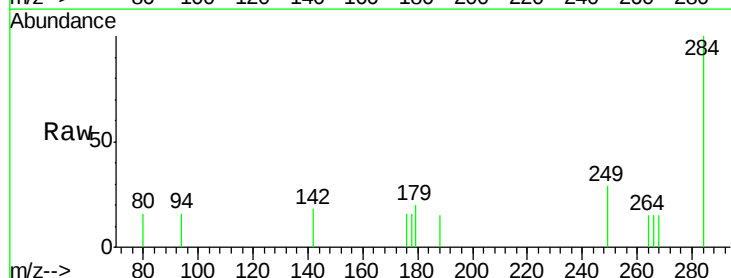
Tgt Ion:284 Resp: 426

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

400

300

200

100

0

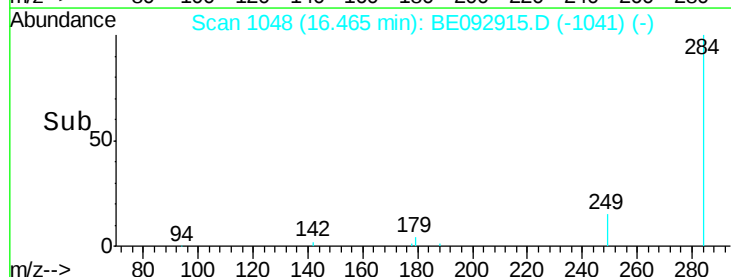
16.47

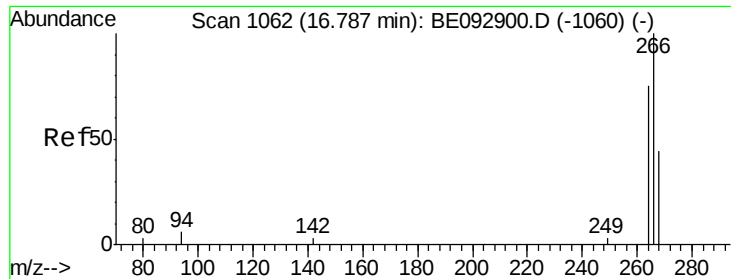
16.30

16.40

16.50

Time-->

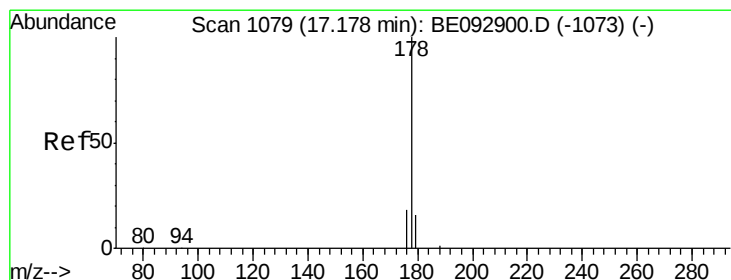
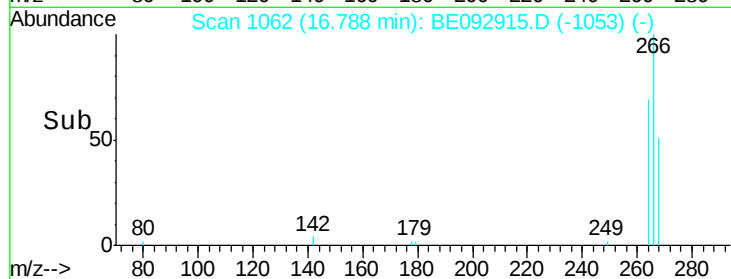
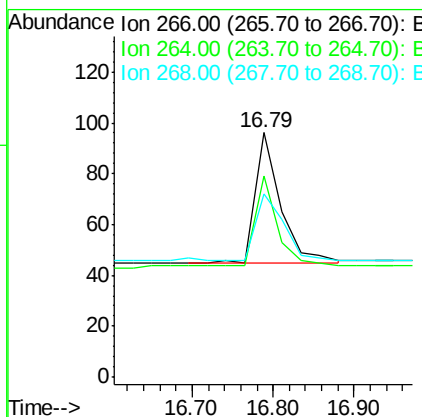
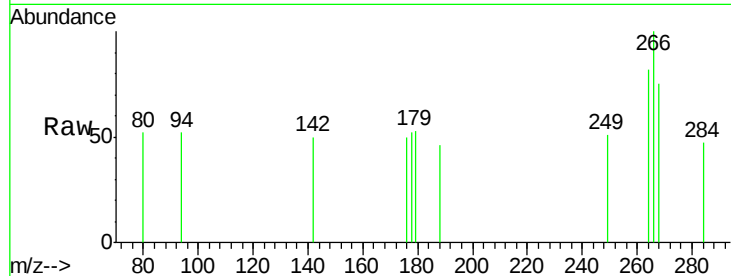




#21
 Pentachlorophenol
 Concen: 0.48 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

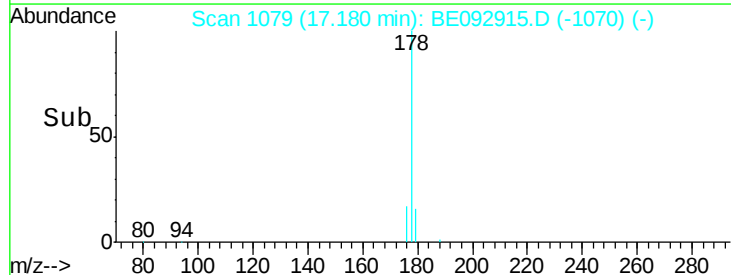
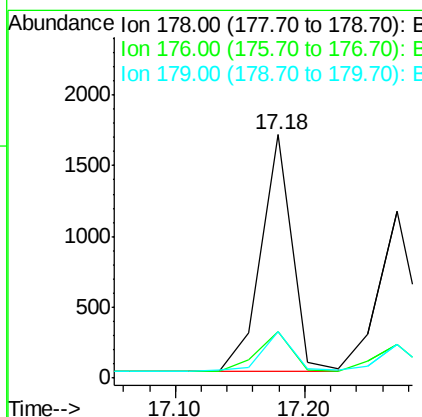
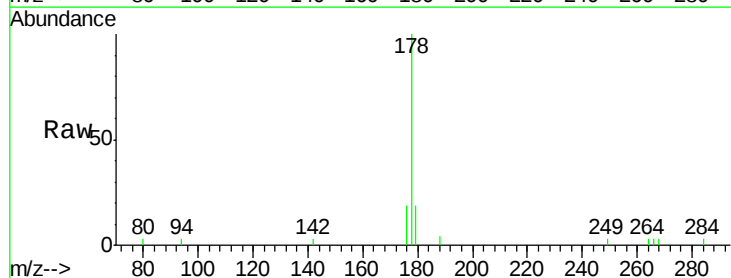
Instrument :
 BNA_E
 ClientSampleId :
 PB98517BS

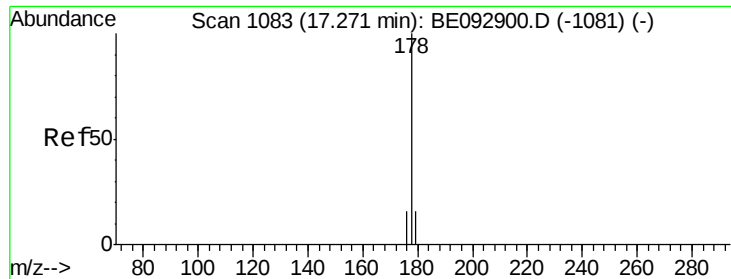
Tgt Ion: 266 Resp: 111
 Ion Ratio Lower Upper
 266 100
 264 82.3 75.4 113.2
 268 75.0 75.4 113.2#



#22
 Phenanthrene
 Concen: 0.30 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Tgt Ion: 178 Resp: 2778
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.2 21.4
 179 16.0 13.6 20.4





#23

Anthracene

Concen: 0.30 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

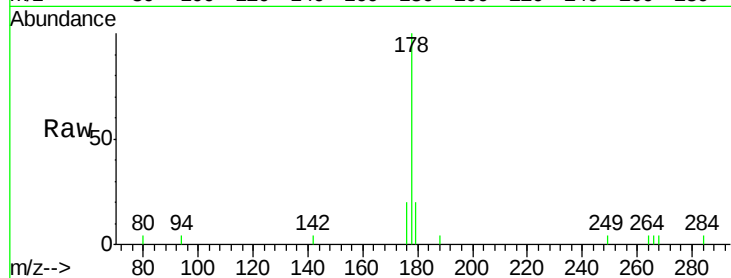
Tgt Ion:178 Resp: 2098

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

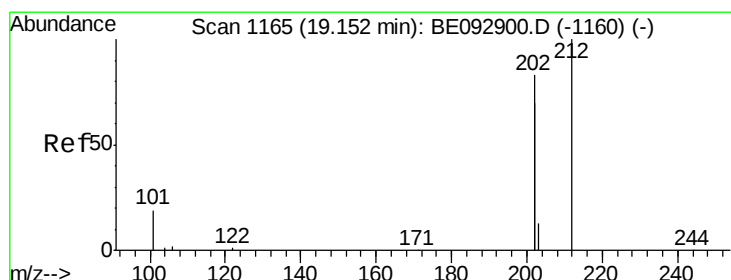
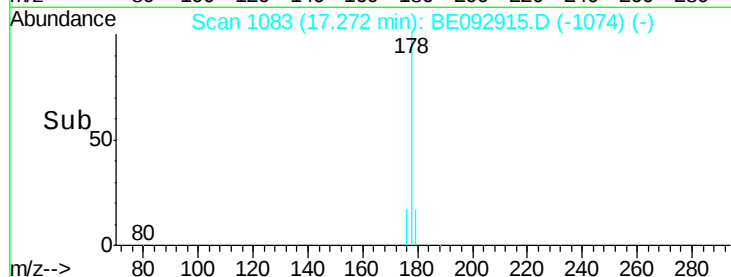
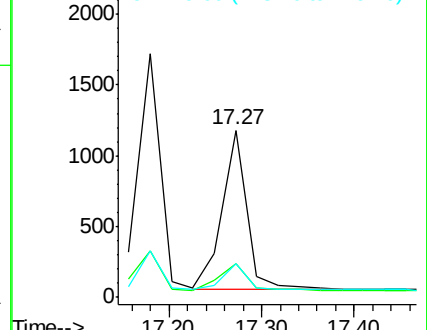
179 15.7 12.8 19.2



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: 0.30 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

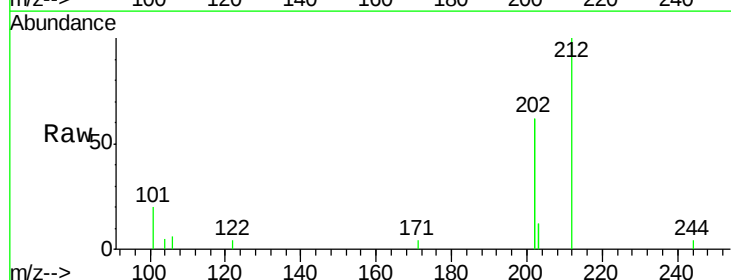
Tgt Ion:212 Resp: 2288

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

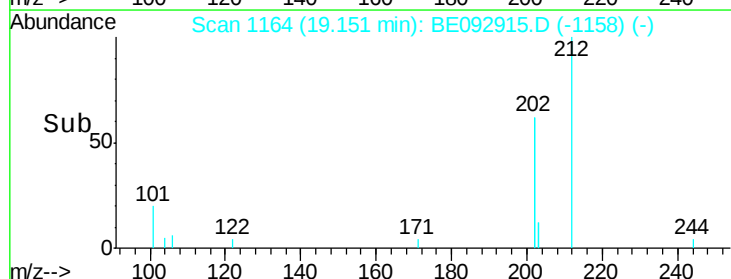
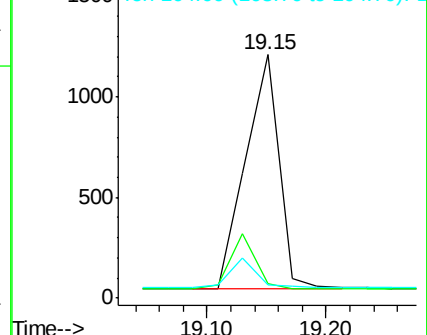
104 0.0 0.0 0.0

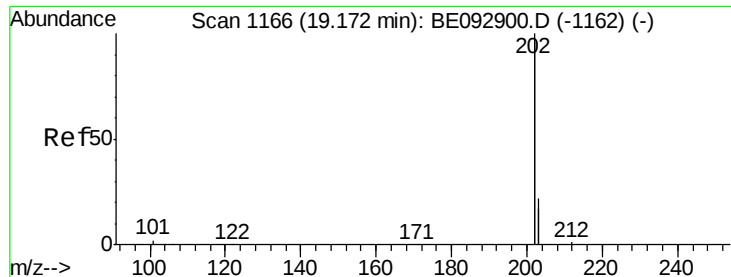


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

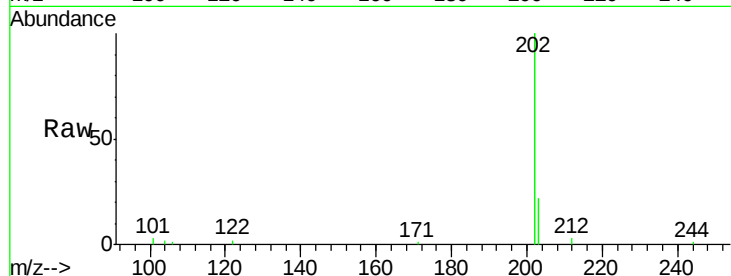




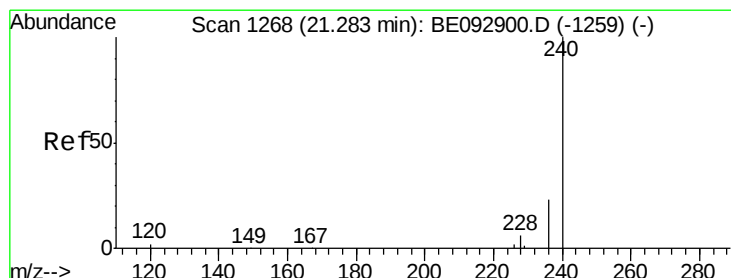
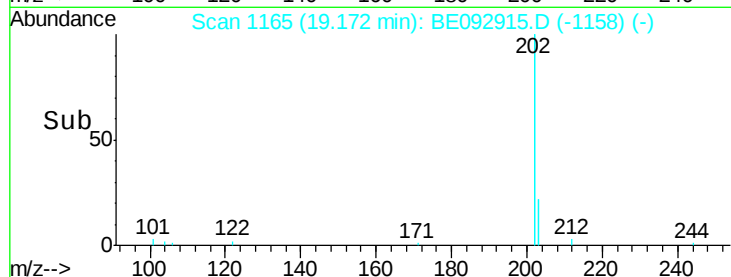
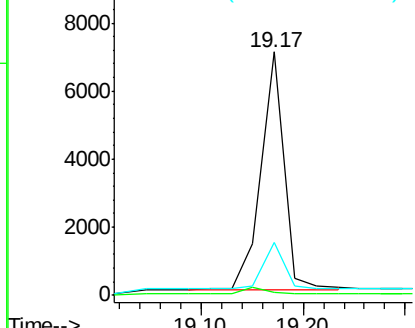
#25
 Fluoranthene
 Concen: 0.27 ng
 RT: 19.17 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Instrument :
 BNA_E
 ClientSampleId :
 PB98517BS

Tgt Ion: 202 Resp: 10947
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 17.9 15.3 22.9

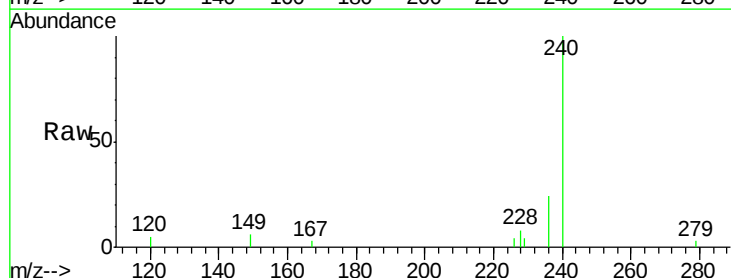


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

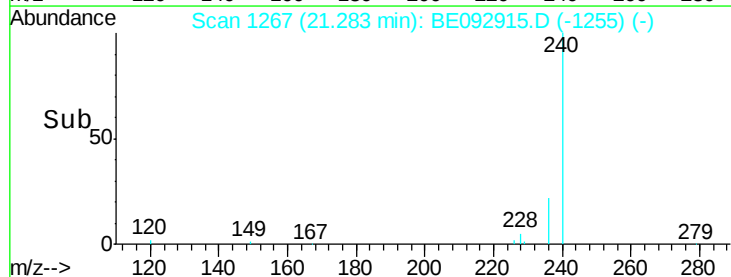
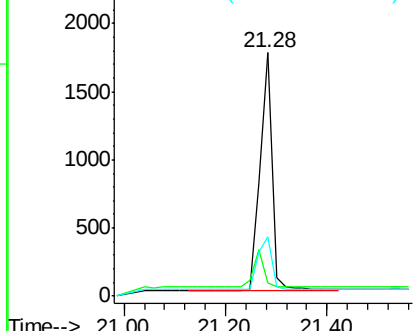


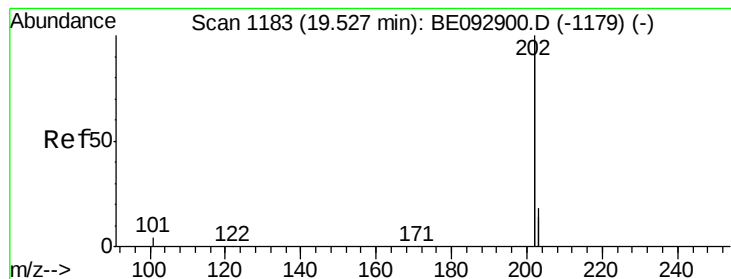
#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Tgt Ion: 240 Resp: 2818
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.6 6.8
 236 24.4 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: 0.30 ng

RT: 19.53 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

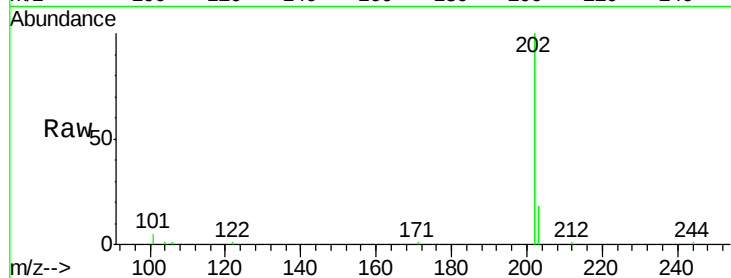
Tgt Ion:202 Resp: 11091

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

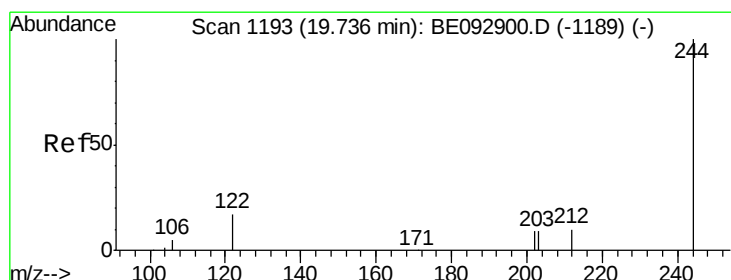
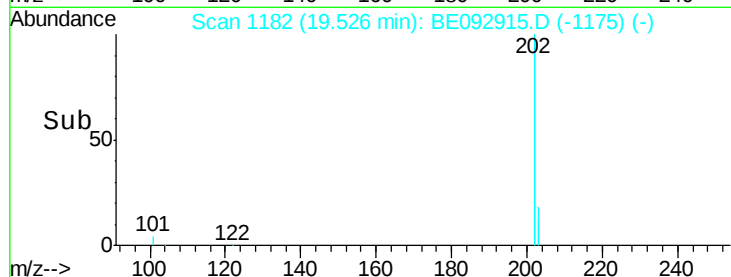
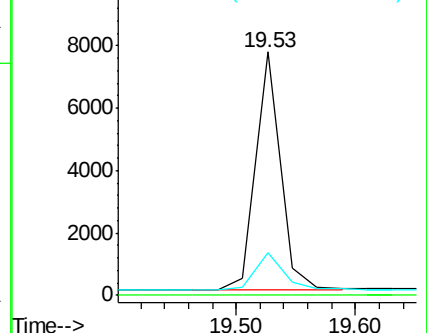
203 17.4 13.5 20.3



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



#28

Terphenyl-d14

Concen: 0.30 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

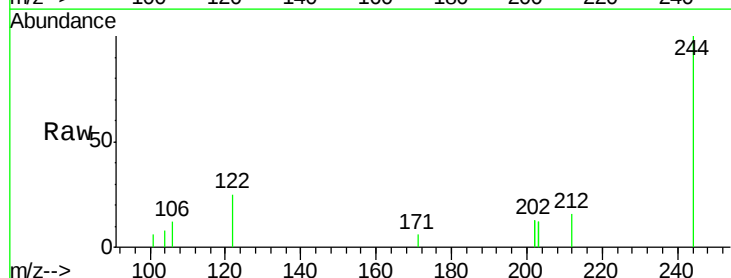
Tgt Ion:244 Resp: 1477

Ion Ratio Lower Upper

244 100

212 15.5 18.4 27.6#

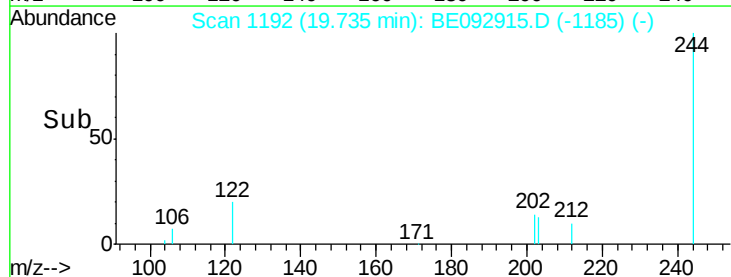
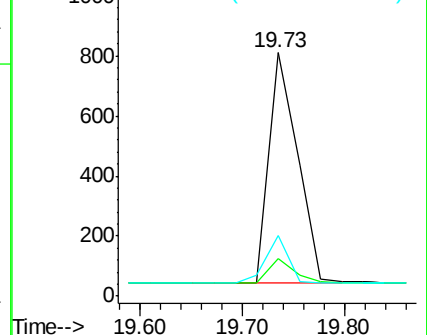
122 24.9 23.3 34.9

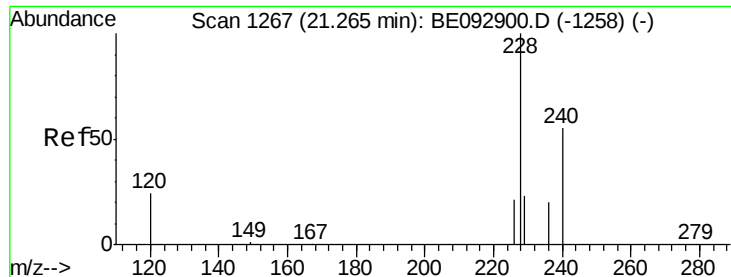


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.32 ng

RT: 21.25 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

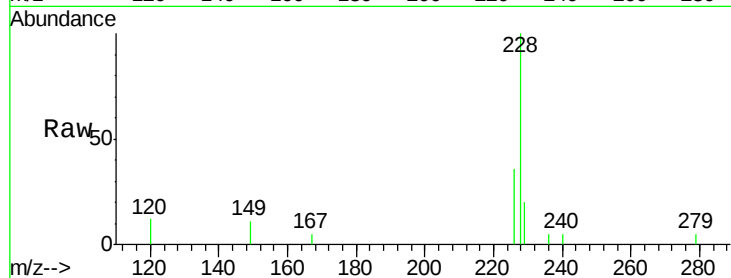
Tgt Ion:228 Resp: 2069

Ion Ratio Lower Upper

228 100

226 35.6 32.0 48.0

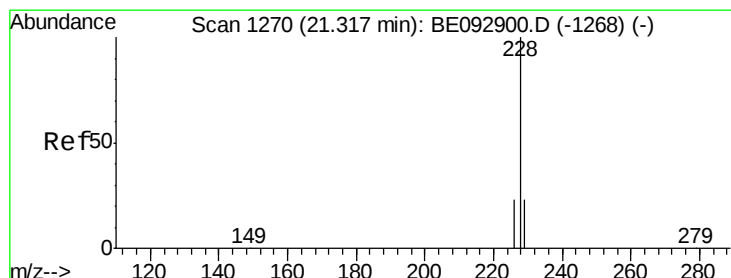
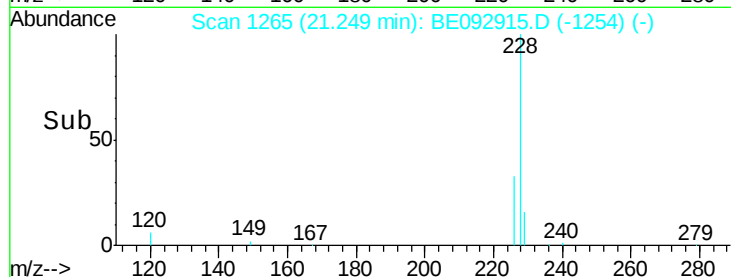
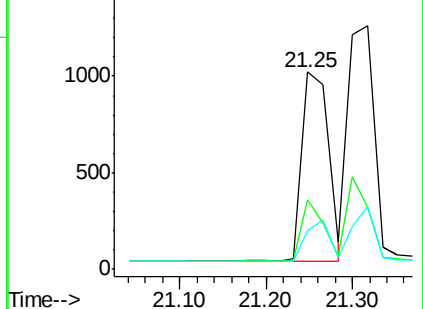
229 19.6 21.4 32.0#



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



#30

Chrysene

Concen: 0.25 ng

RT: 21.25 min Scan# 1265

Delta R.T. -0.07 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

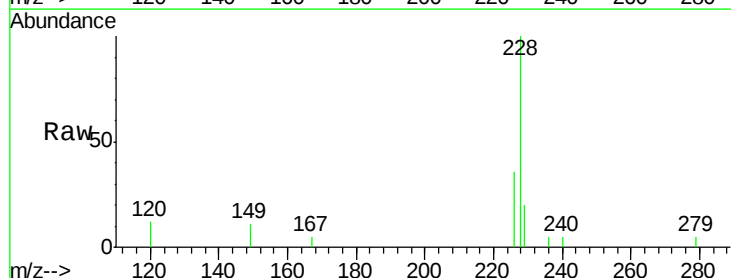
Tgt Ion:228 Resp: 2069

Ion Ratio Lower Upper

228 100

226 35.6 34.2 51.2

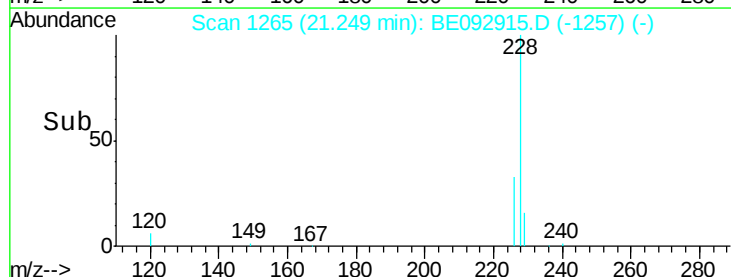
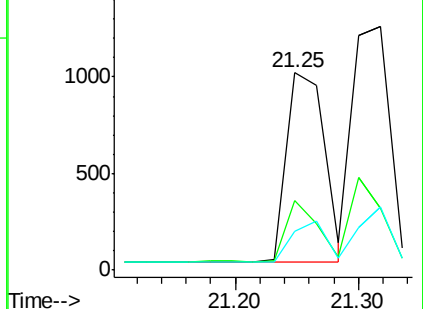
229 19.6 18.6 28.0

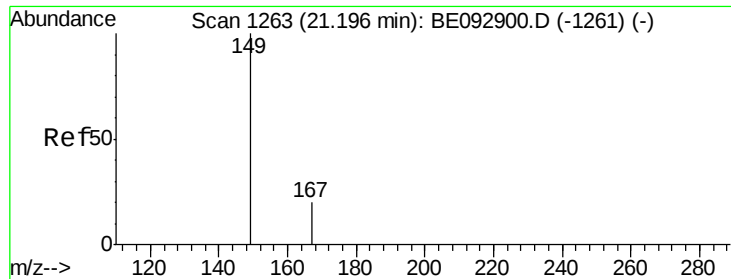


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

Instrument :

BNA_E

ClientSampleId :

PB98517BS

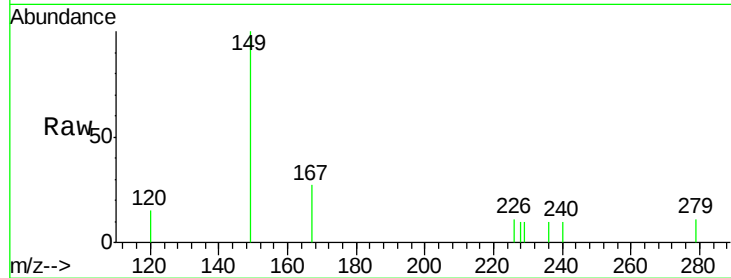
Tgt Ion:149 Resp: 506

Ion Ratio Lower Upper

149 100

167 22.5 20.9 31.3

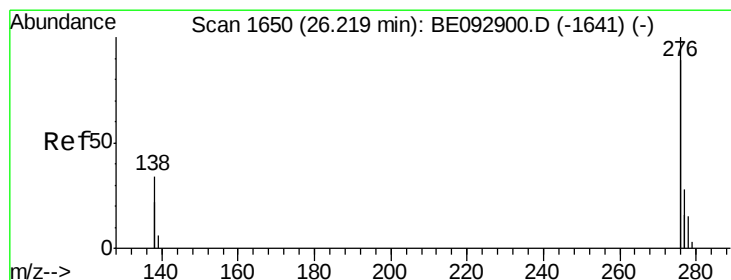
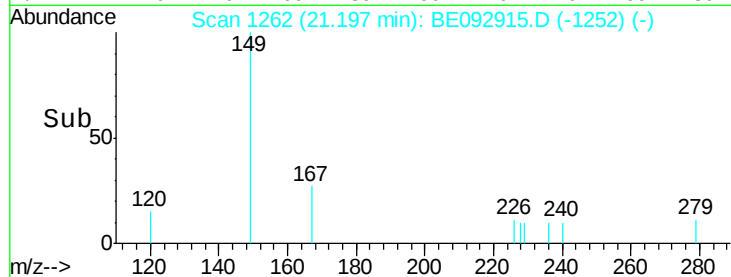
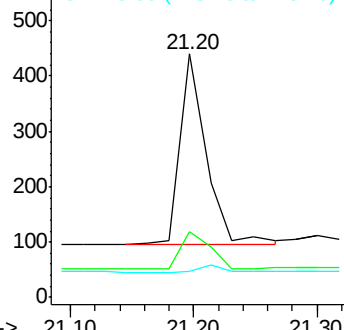
279 0.0 0.0 0.0



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: 0.40 ng

RT: 26.22 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE092915.D

Acq: 27 Apr 2017 15:24

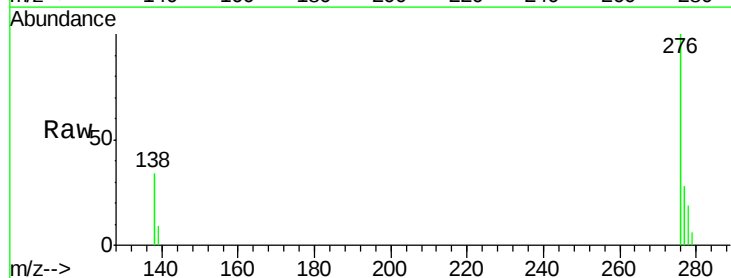
Tgt Ion:276 Resp: 11154

Ion Ratio Lower Upper

276 100

138 33.5 25.8 38.6

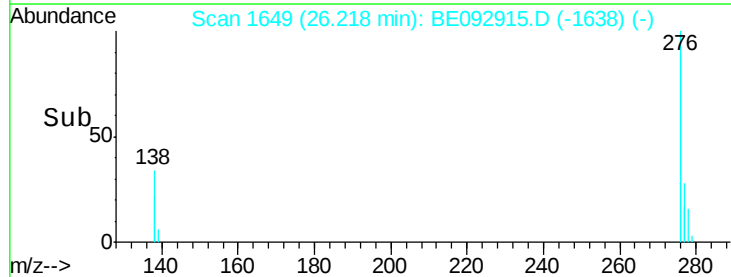
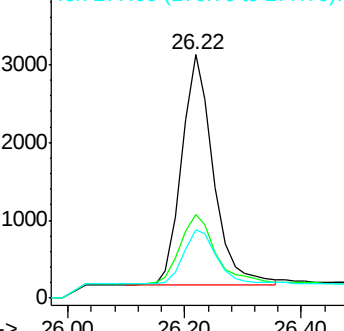
277 25.0 20.2 30.4

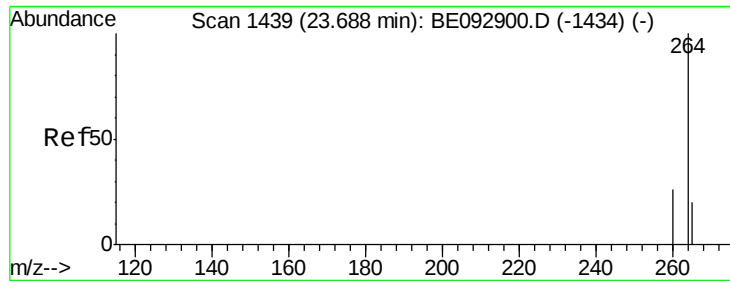


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

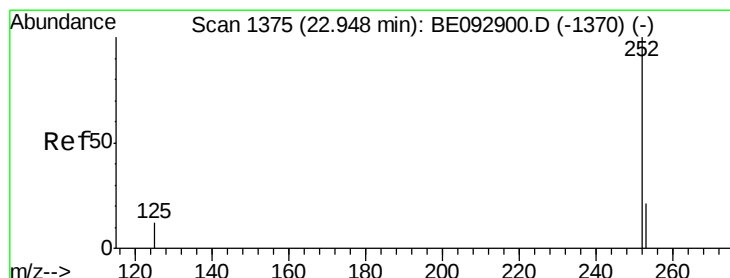
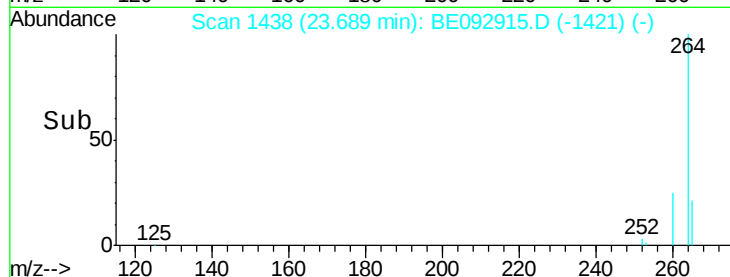
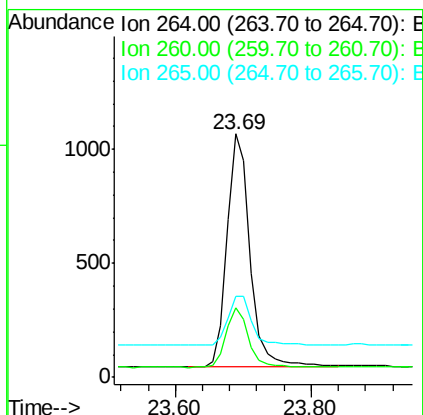
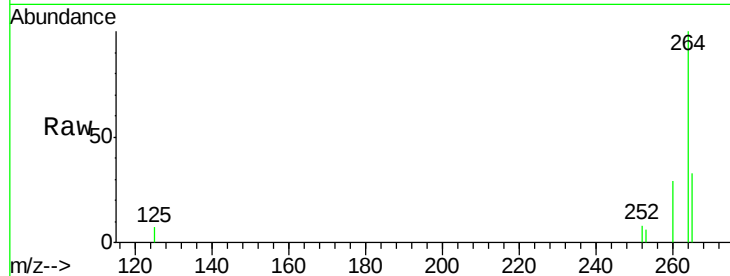




#33
Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

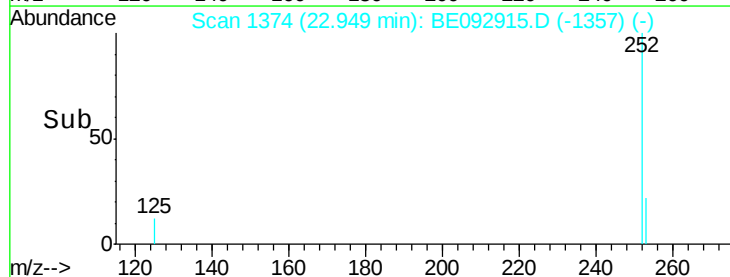
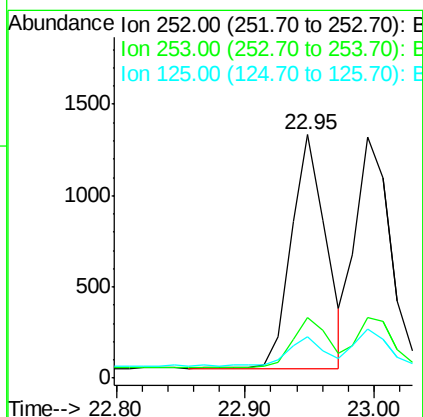
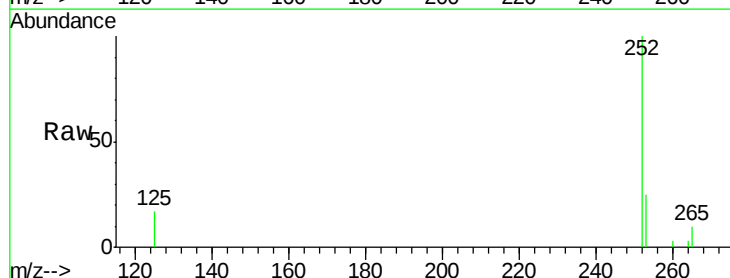
Instrument :
 BNA_E
 ClientSampled :
 PB98517BS

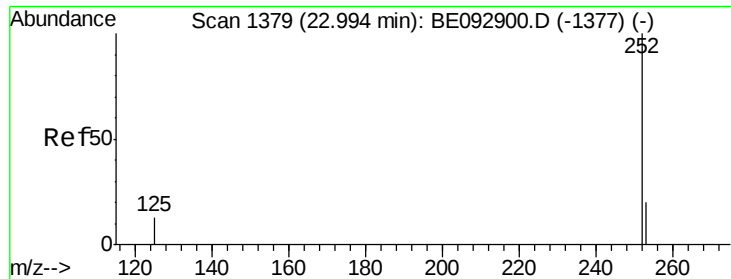
Tgt Ion: 264 Resp: 2466
 Ion Ratio Lower Upper
 264 100
 260 28.6 23.5 35.3
 265 33.3 27.2 40.8



#34
Benzo(b)fluoranthene
 Concen: 0.27 ng
 RT: 22.95 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092915.D
 Acq: 27 Apr 2017 15:24

Tgt Ion: 252 Resp: 2367
 Ion Ratio Lower Upper
 252 100
 253 25.1 24.7 37.1
 125 16.9 20.3 30.5#

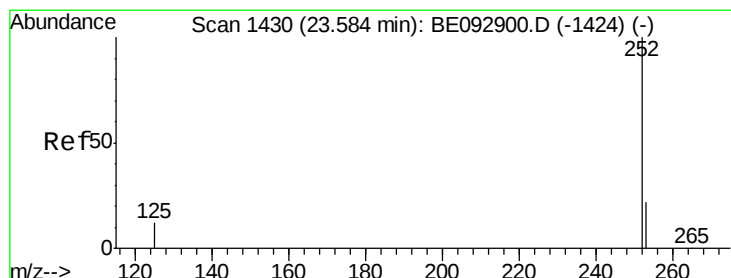
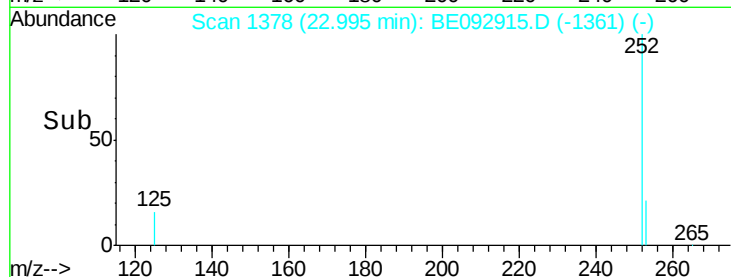
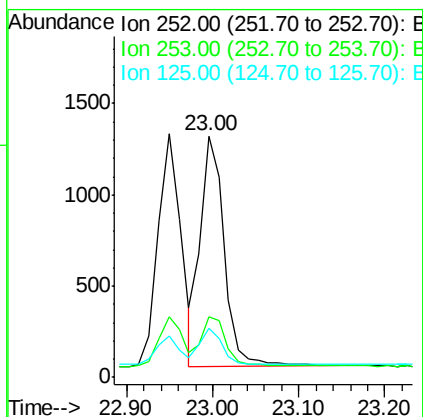
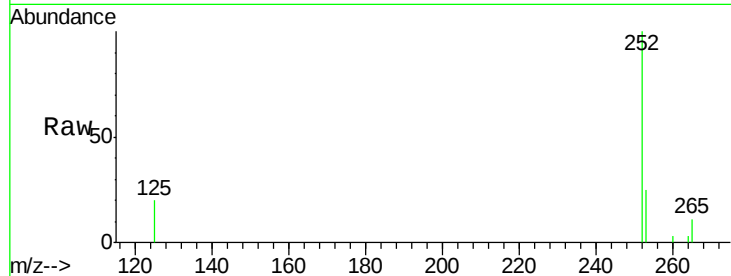




#35
Benzo(k)fluoranthene
Concen: 0.28 ng
RT: 23.00 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE092915.D
Acq: 27 Apr 2017 15:24

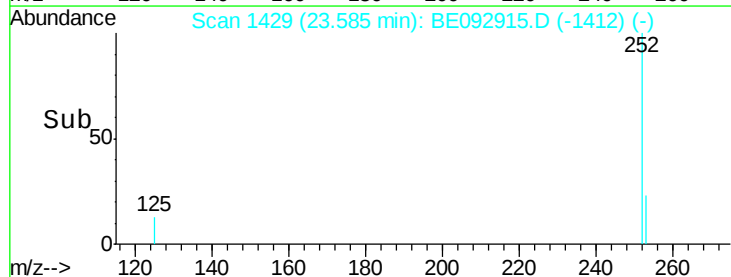
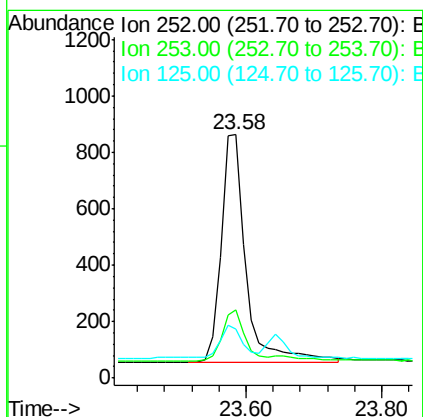
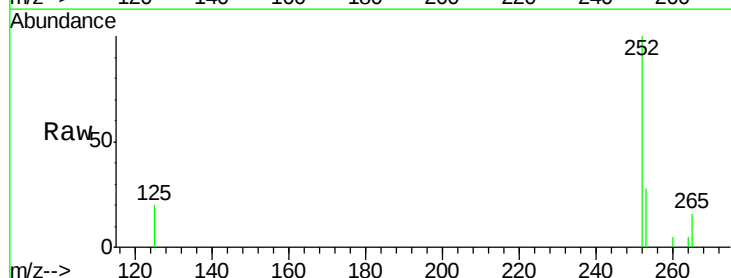
Instrument :
BNA_E
ClientSampleId :
PB98517BS

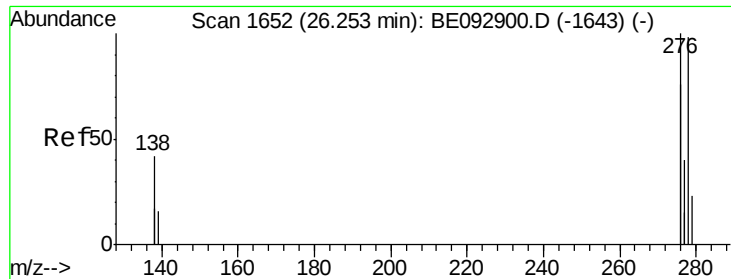
Tgt Ion:252 Resp: 2445
Ion Ratio Lower Upper
252 100
253 24.9 25.8 38.8#
125 20.2 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.30 ng
RT: 23.58 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092915.D
Acq: 27 Apr 2017 15:24

Tgt Ion:252 Resp: 2096
Ion Ratio Lower Upper
252 100
253 28.3 31.3 46.9#
125 20.2 26.4 39.6#



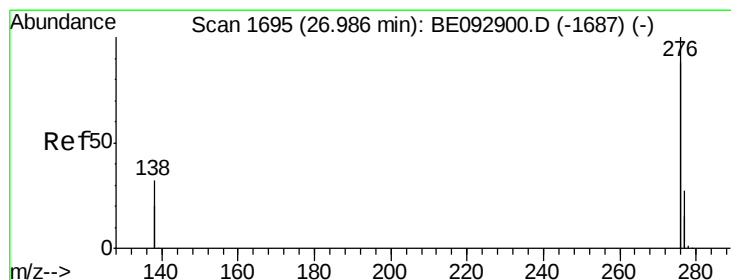
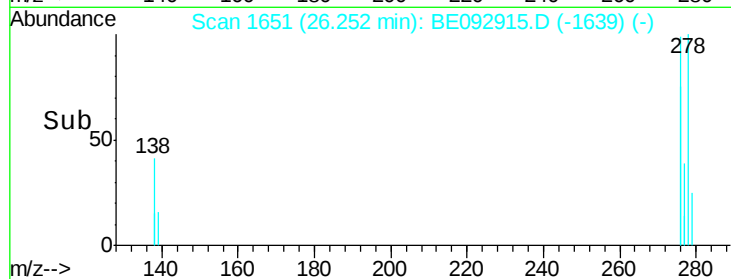
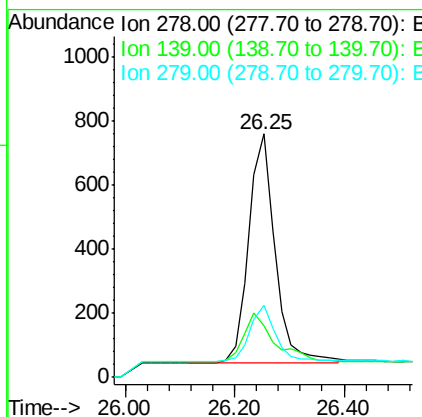
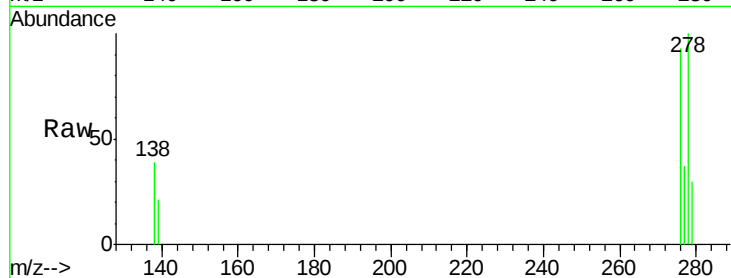


#37
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 26.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE092915.D
Acq: 27 Apr 2017 15:24

Instrument :
BNA_E
ClientSampleId :
PB98517BS

Tgt Ion: 278 Resp: 2403

Ion	Ratio	Lower	Upper
278	100		
139	21.3	27.4	41.2#
279	29.6	33.3	49.9#



#38
Benzo(g,h,i)perylene
Concen: 0.30 ng
RT: 26.99 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE092915.D
Acq: 27 Apr 2017 15:24

Tgt Ion: 276 Resp: 10156

Ion	Ratio	Lower	Upper
276	100		
277	26.3	29.9	44.9#
138	33.2	34.6	51.8#

