

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092949.D
 Acq On : 6 May 2017 3:14
 Operator : SJ/MA
 Sample : I2893-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 05:11:13 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

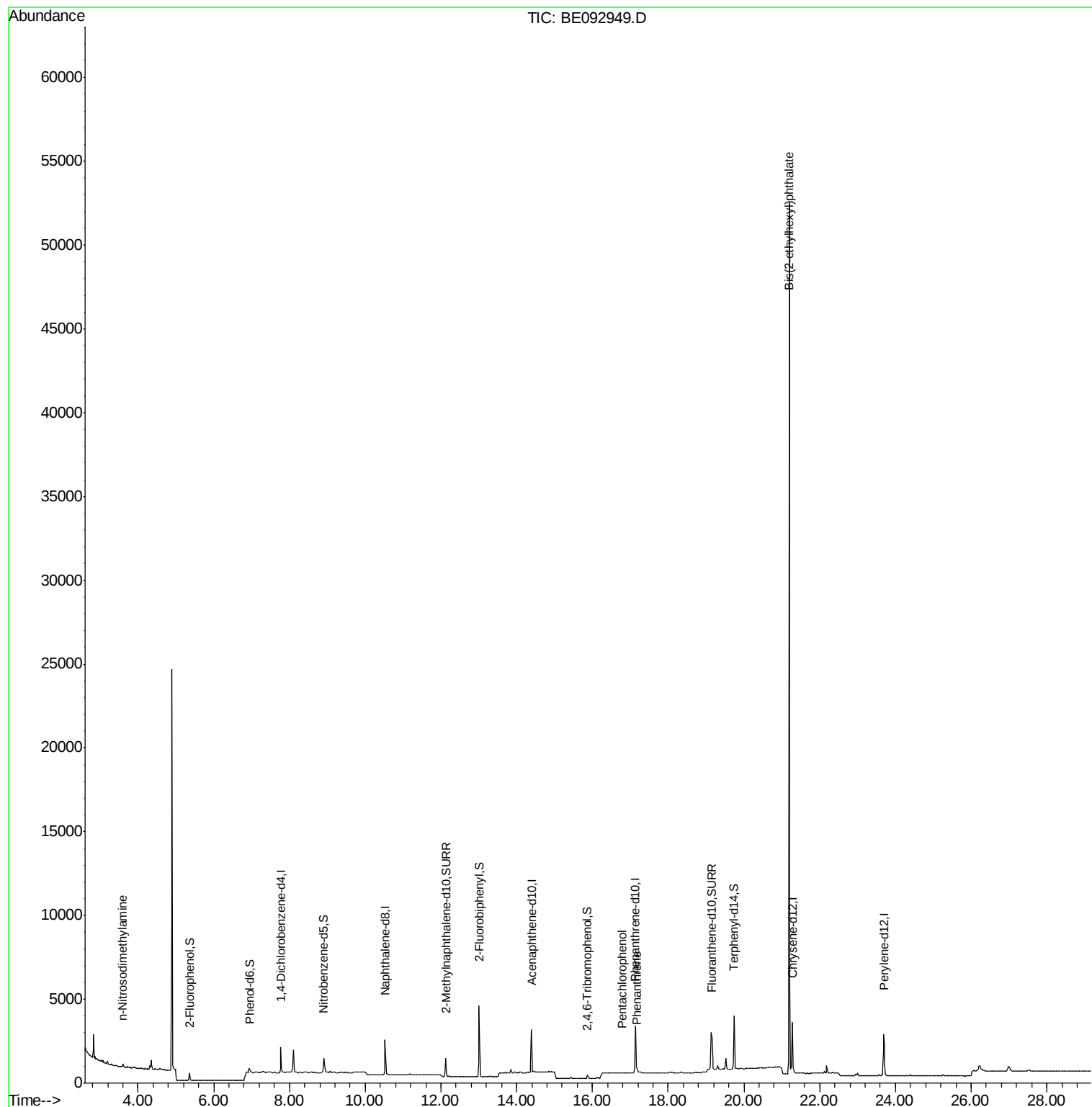
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	755	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3057	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1481	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3713	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4432	0.40	ng	0.00
33) Perylene-d12	23.69	264	3590	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	324	0.19	ng	0.00
5) Phenol-d6	6.95	99	261	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	891	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1838	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	133	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3788	0.56	ng	0.00
24) Fluoranthene-d10	19.15	212	4025	0.47	ng	0.00
28) Terphenyl-d14	19.74	244	3766	0.49	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	35	0.03	ng	Qvalue # 1
21) Pentachlorophenol	16.79	266	21	0.20	ng	98
22) Phenanthrene	17.18	178	254	0.02	ng	# 91
31) Bis(2-ethylhexyl)phthalate	21.20	149	49329	17.35	ng	# 97

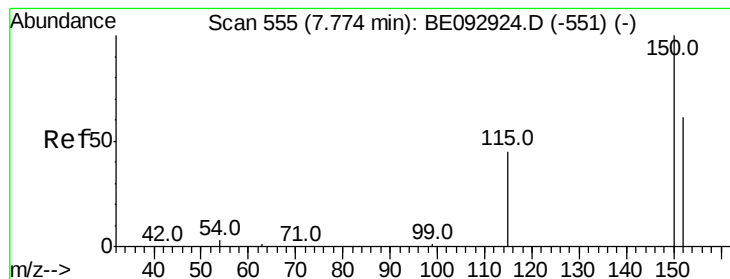
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

ClientSampleId :

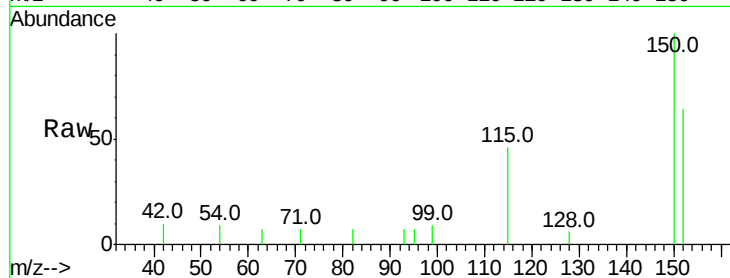
Tot Ion:152 Resp: 755

Ion Ratio Lower Upper

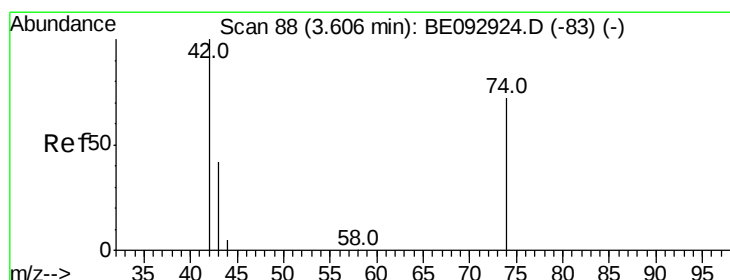
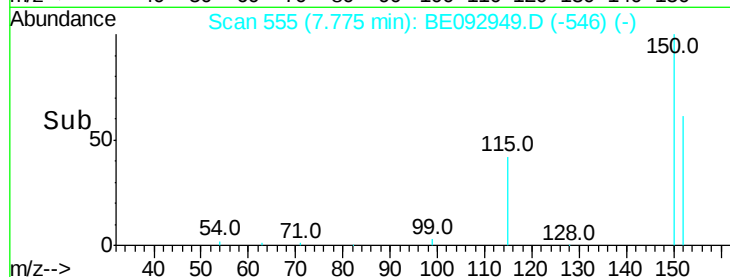
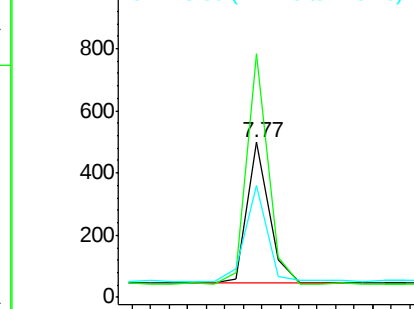
152 100

150 156.9 129.9 194.9

115 72.1 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



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

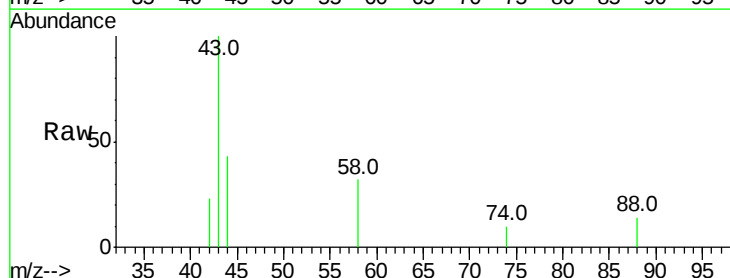
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

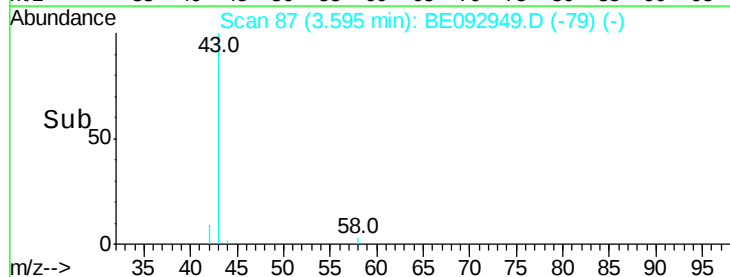
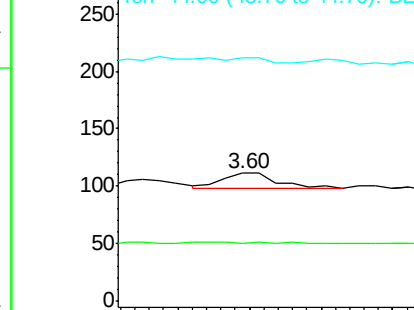
42 100

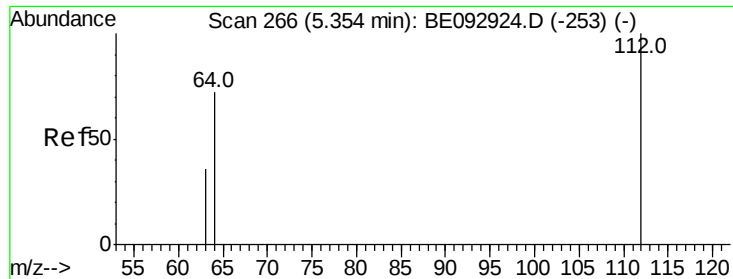
74 2.9 106.6 160.0#

44 0.0 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





#4

2-Fluorophenol

Concen: 0.19 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

ClientSampleId :

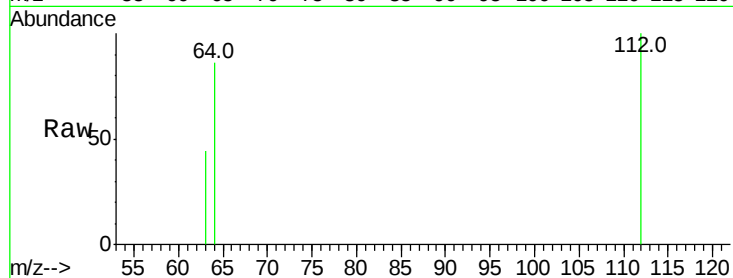
Tot Ion:112 Resp: 324

Ion Ratio Lower Upper

112 100

64 71.3 52.6 79.0

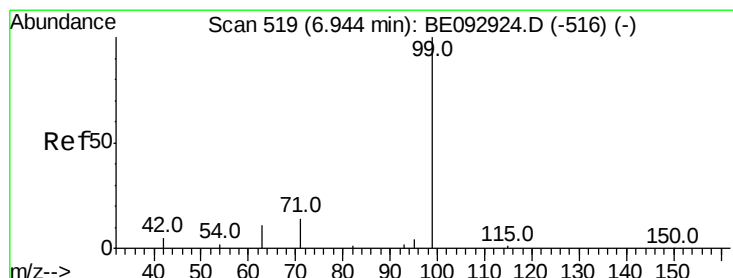
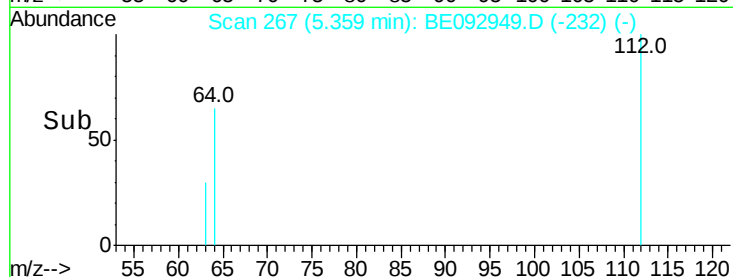
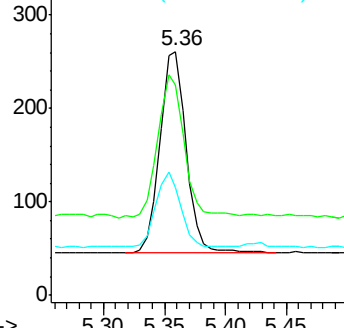
63 34.9 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.11 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

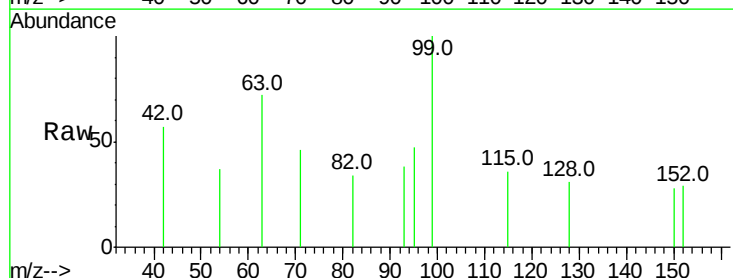
Tgt Ion: 99 Resp: 261

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

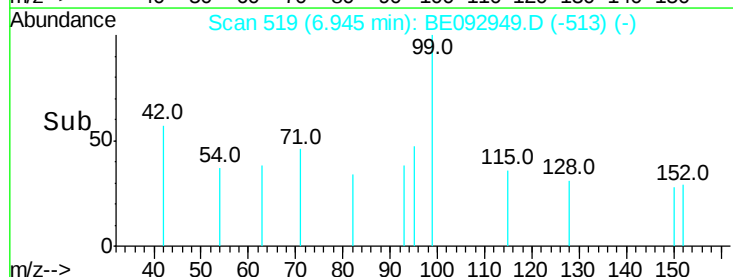
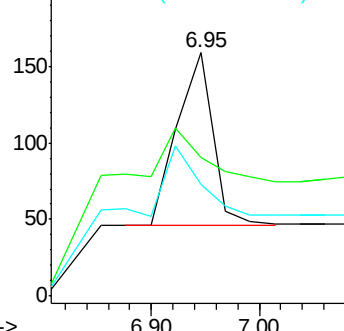
71 0.0 0.0 0.0

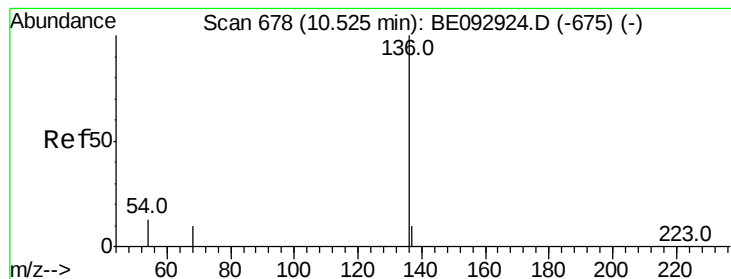


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3057

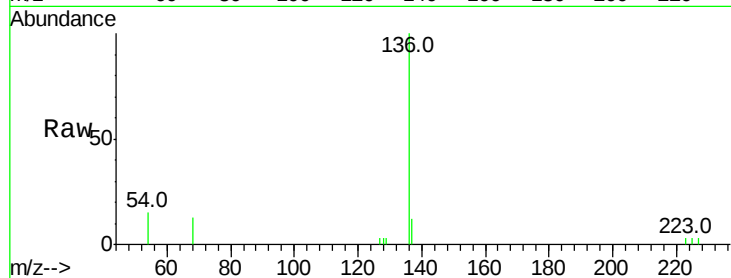
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 14.8 12.6 18.8

68 13.3 10.7 16.1

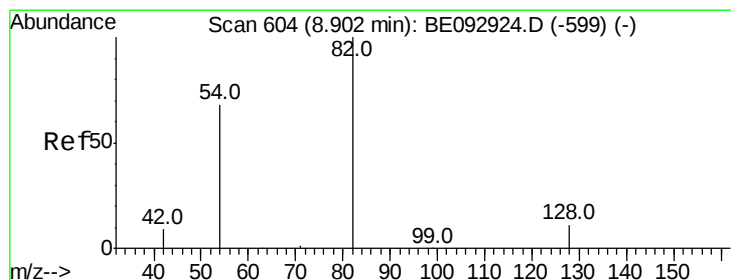
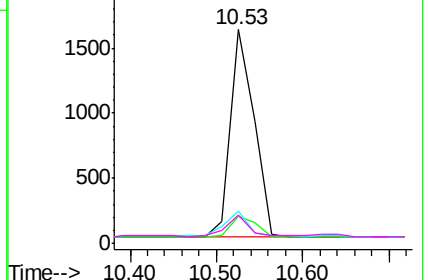
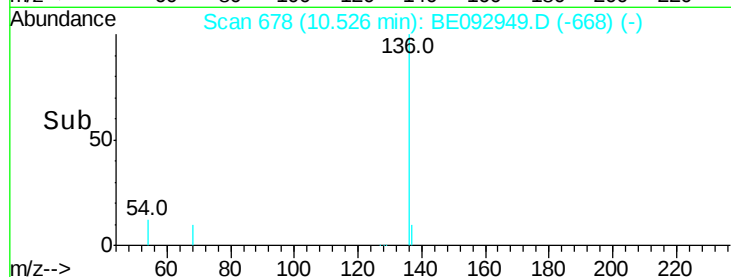


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.43 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

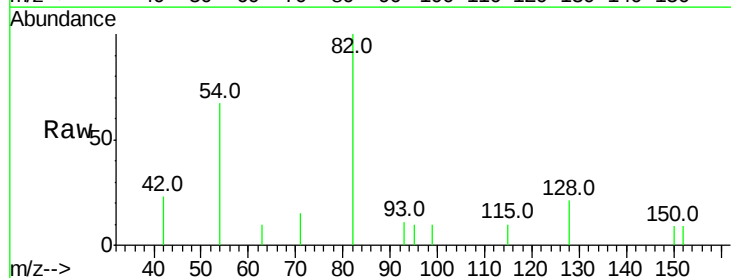
Tgt Ion: 82 Resp: 891

Ion Ratio Lower Upper

82 100

128 21.1 35.3 52.9#

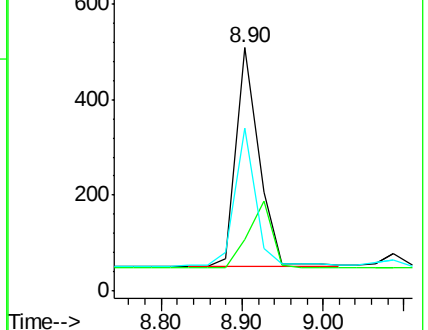
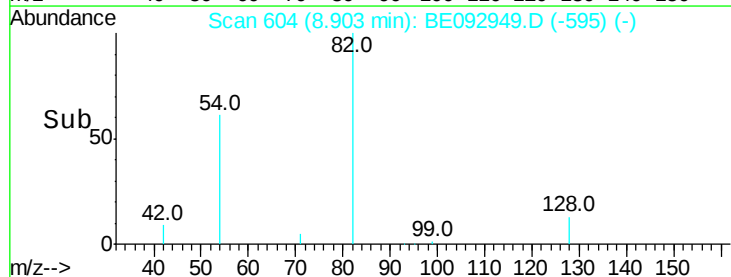
54 66.9 65.1 97.7

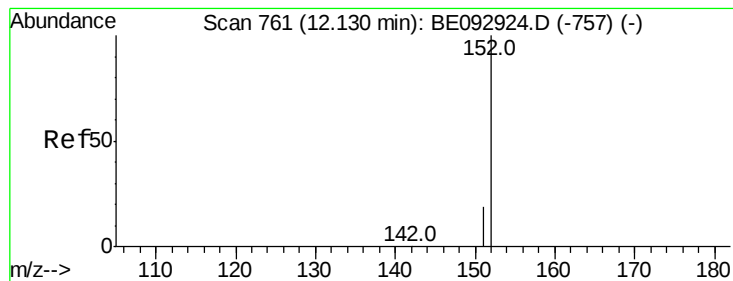


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.41 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

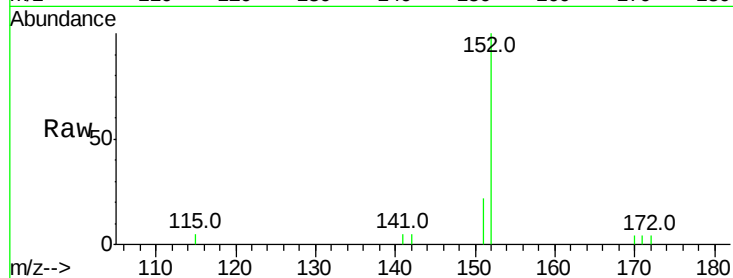
ClientSampleId :

Tot Ion:152 Resp: 1838

Ion Ratio Lower Upper

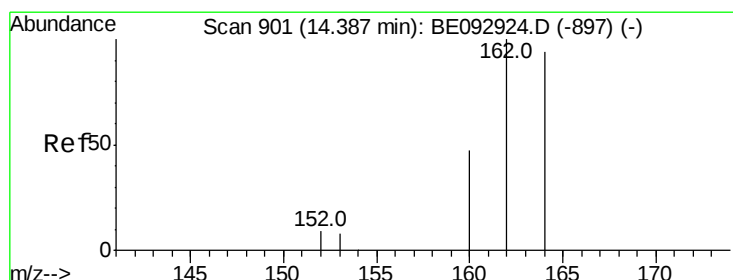
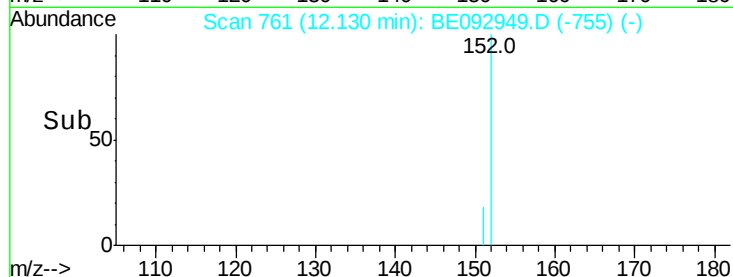
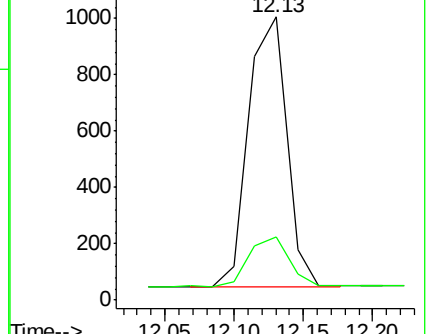
152 100

151 19.3 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

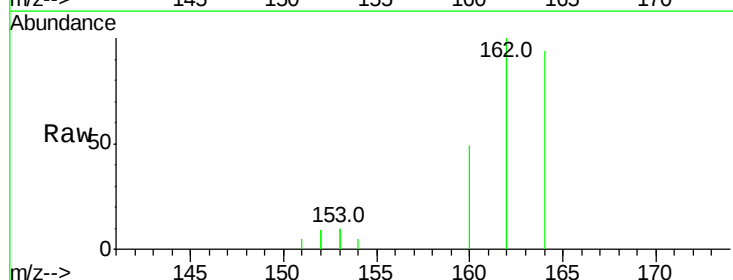
Tgt Ion:164 Resp: 1481

Ion Ratio Lower Upper

164 100

162 106.9 86.6 130.0

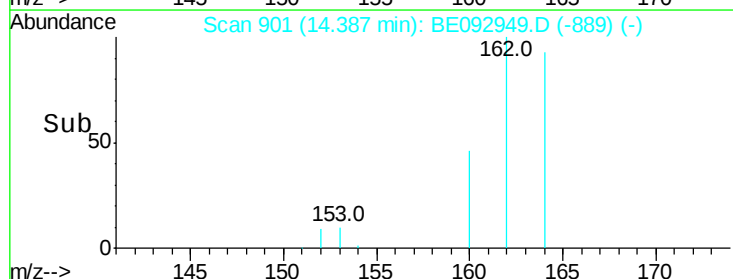
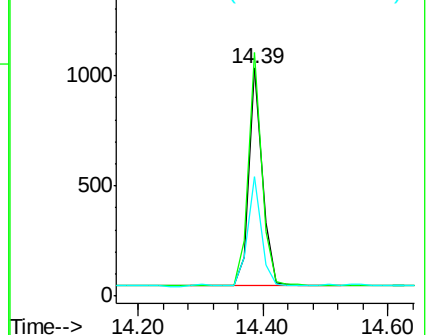
160 52.3 44.5 66.7

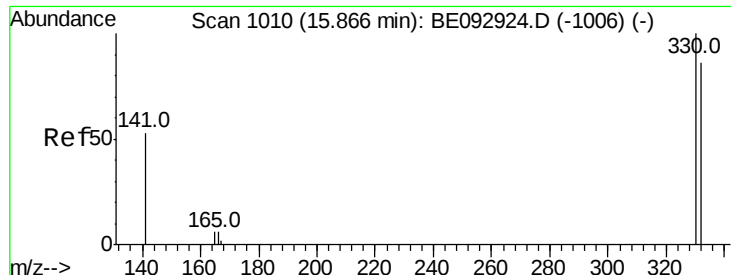


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

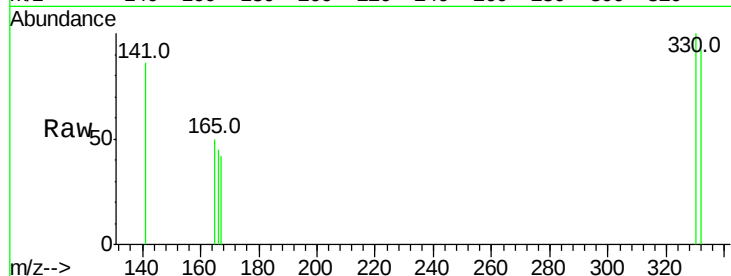




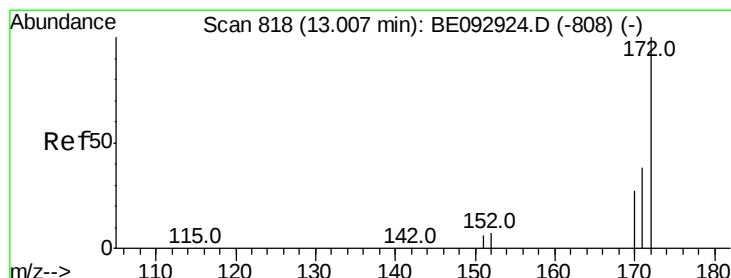
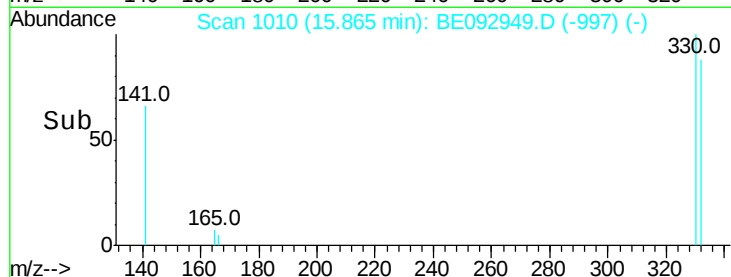
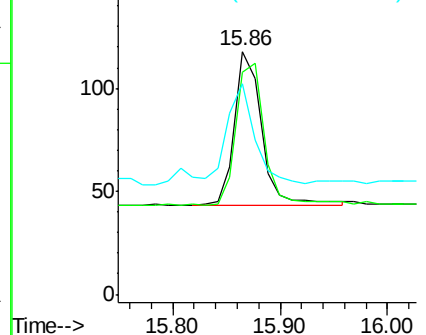
#14
 2,4,6-Tribromophenol
 Concen: 0.57 ng
 RT: 15.86 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BE092949.D
 Acq: 6 May 2017 3:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 133
 Ion Ratio Lower Upper
 330 100
 332 97.7 69.1 103.7
 141 62.4 54.6 81.8

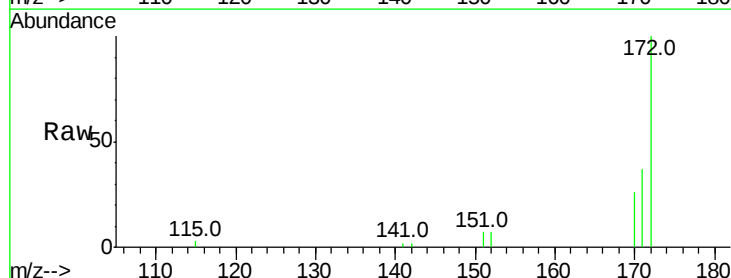


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

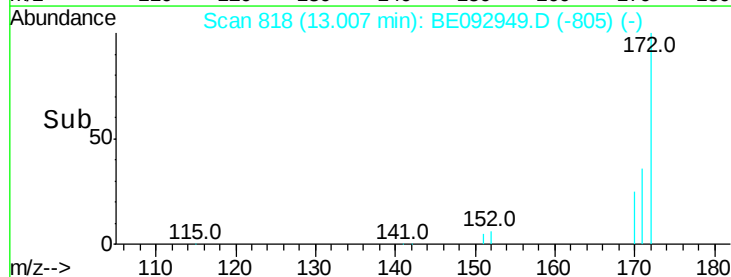
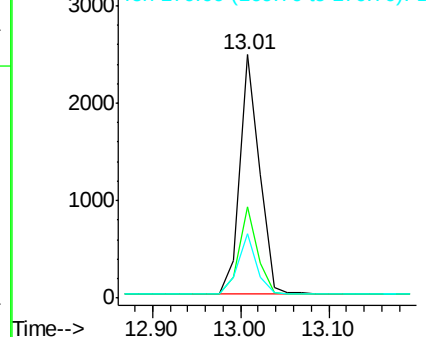


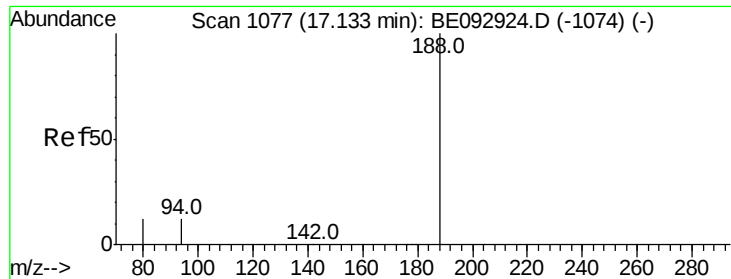
#15
 2-Fluorobiphenyl
 Concen: 0.56 ng
 RT: 13.01 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BE092949.D
 Acq: 6 May 2017 3:14

Tgt Ion:172 Resp: 3788
 Ion Ratio Lower Upper
 172 100
 171 37.3 35.8 53.6
 170 26.2 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





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

ClientSampleId :

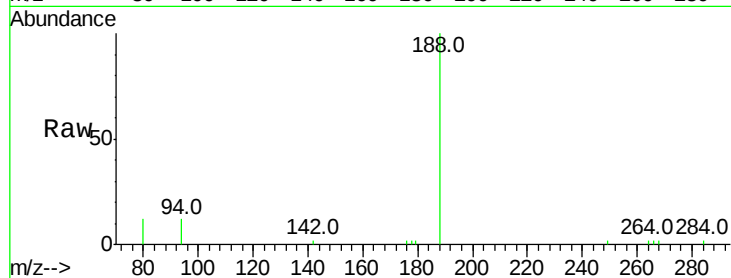
Tot Ion:188 Resp: 3713

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.4

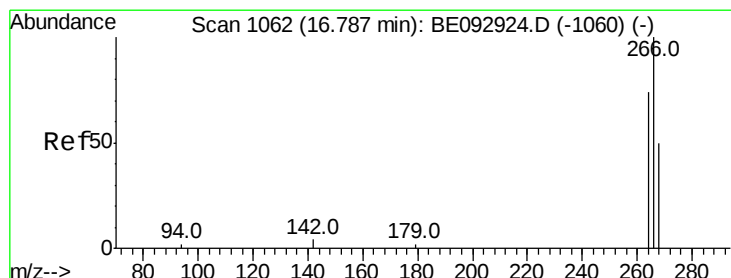
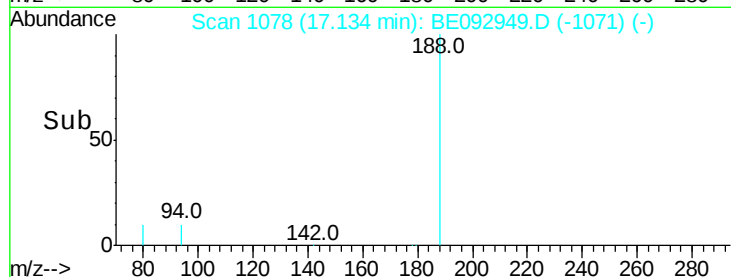
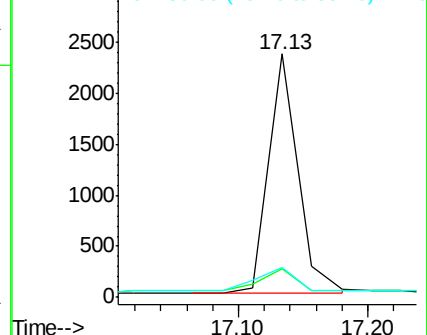
80 12.0 10.6 15.8



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



#21

Pentachlorophenol

Concen: 0.20 ng

RT: 16.79 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

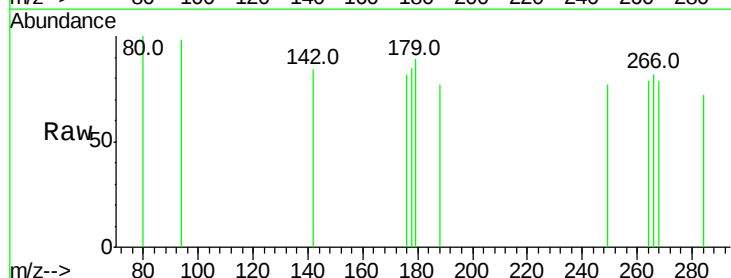
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 96.0 75.4 113.2

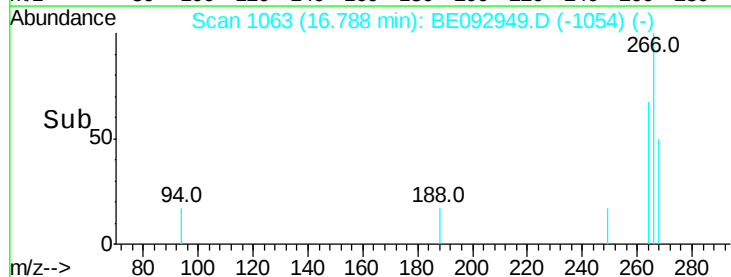
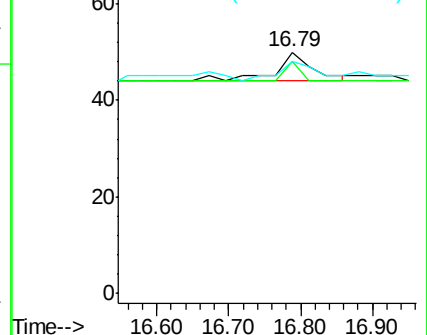
268 96.0 75.4 113.2

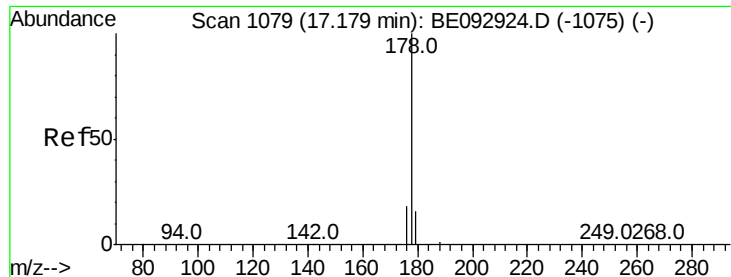


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#22

Phenanthrene

Concen: 0.02 ng

RT: 17.18 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

Instrument :

BNA_E

ClientSampleId :

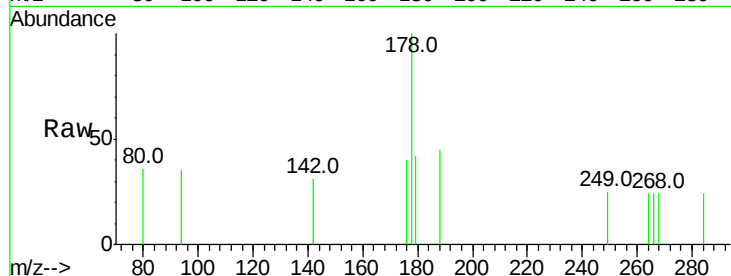
Tot Ion:178 Resp: 254

Ion Ratio Lower Upper

178 100

176 21.7 14.2 21.4#

179 21.3 13.6 20.4#



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

17.18

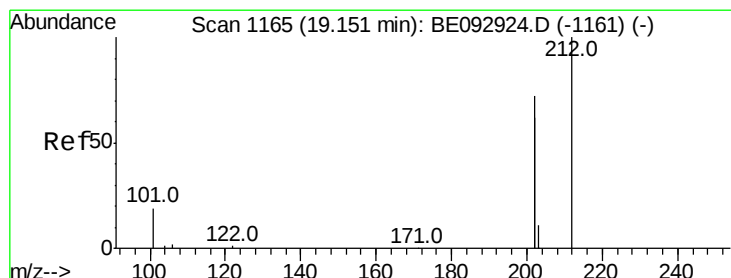
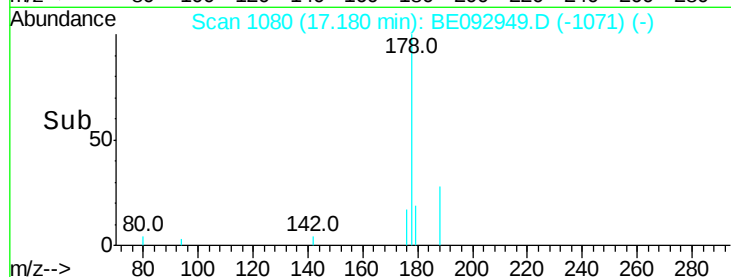
150

100

50

0

Time-->



#24

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092949.D

Acq: 6 May 2017 3:14

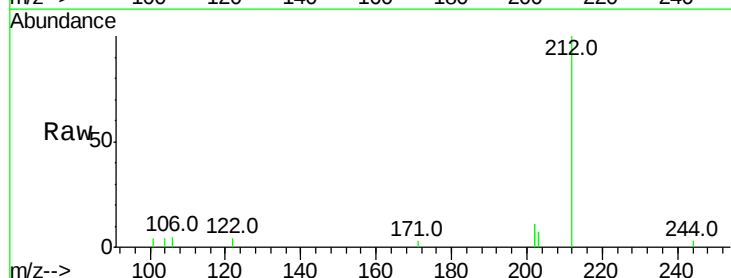
Tgt Ion:212 Resp: 4025

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

19.15

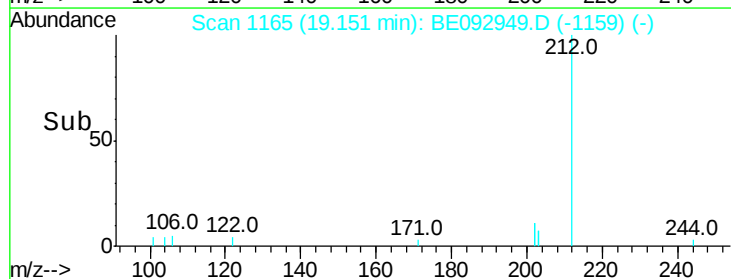
1500

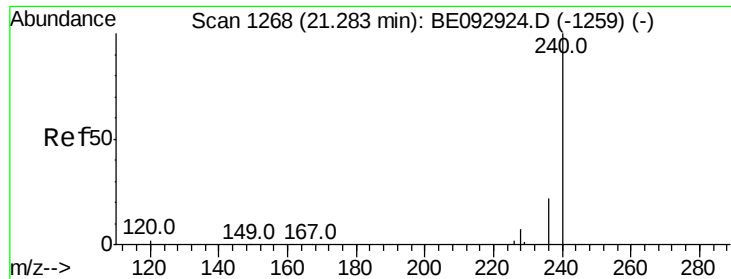
1000

500

0

Time-->

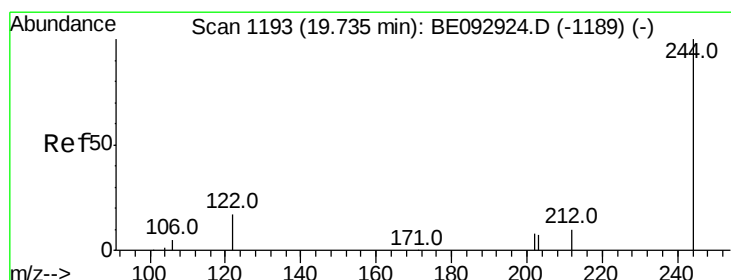
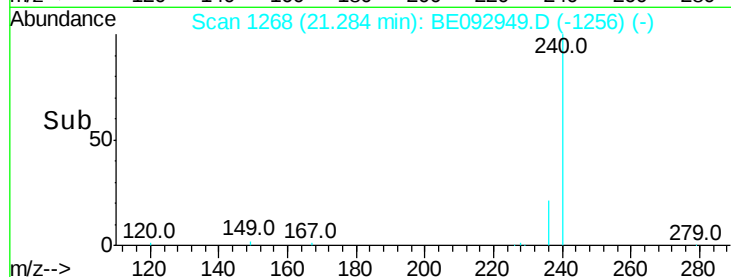
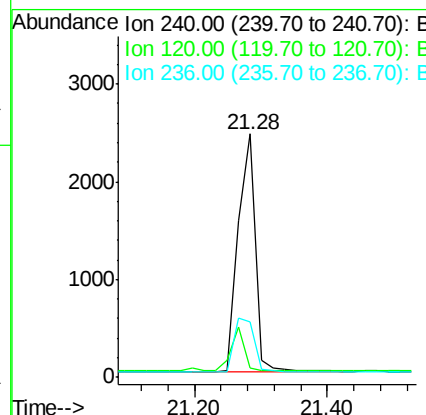
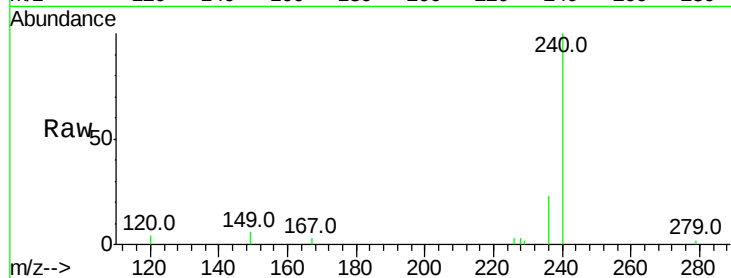




#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092949.D
Acq: 6 May 2017 3:14

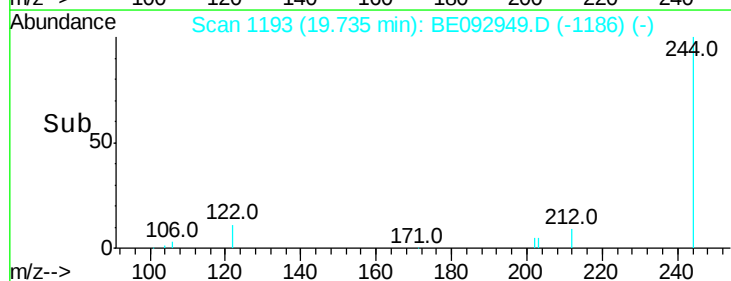
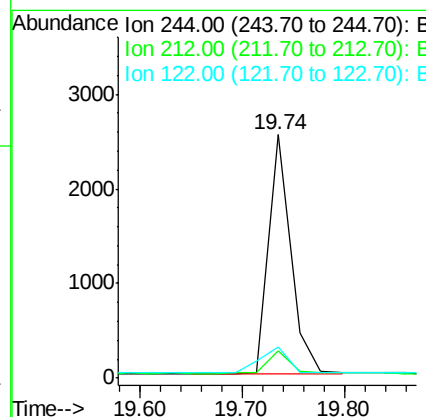
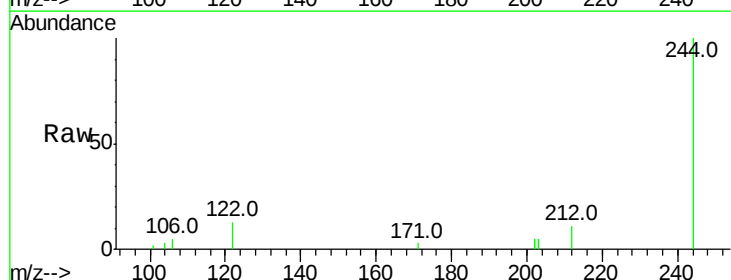
Instrument :
BNA_E
ClientSampleId :

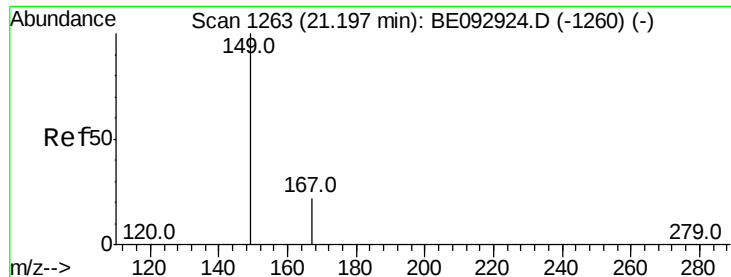
Tot Ion:240 Resp: 4432
Ion Ratio Lower Upper
240 100
120 4.1 4.6 6.8#
236 23.0 19.8 29.8



#28
Terphenyl-d14
Concen: 0.49 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092949.D
Acq: 6 May 2017 3:14

Tgt Ion:244 Resp: 3766
Ion Ratio Lower Upper
244 100
212 11.0 18.4 27.6#
122 12.6 23.3 34.9#

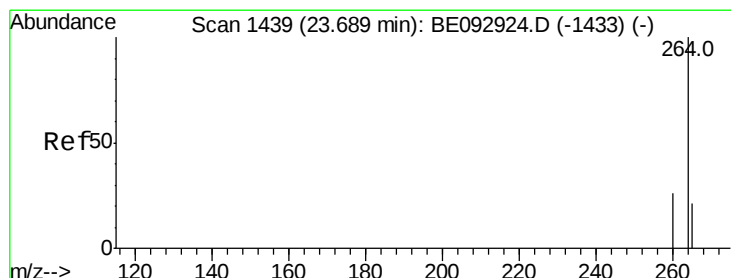
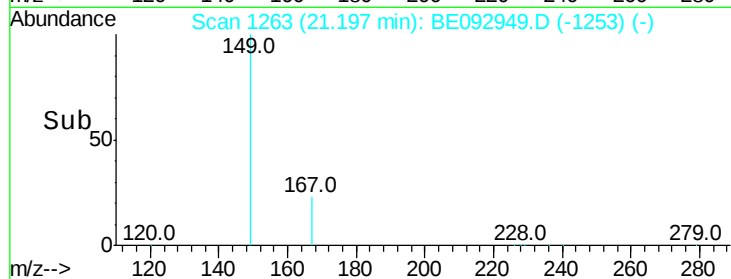
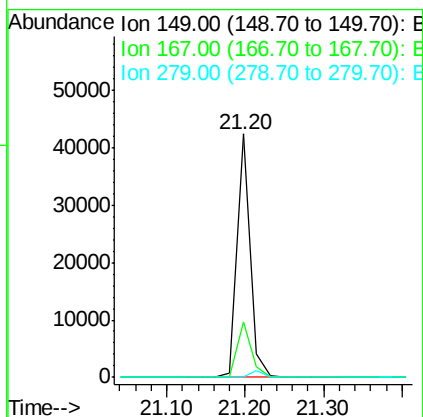
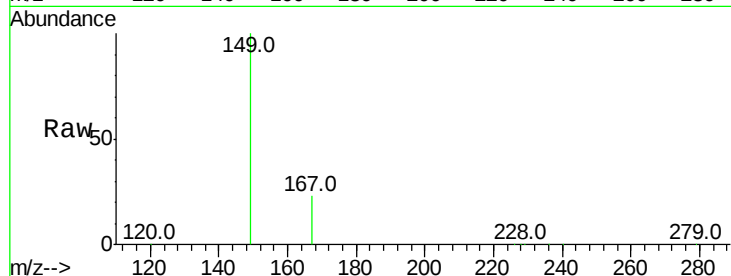




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 17.35 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092949.D
 Acq: 6 May 2017 3:14

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:149 Resp: 49329
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.9 31.3
 279 2.5 0.0 0.0#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE092949.D
 Acq: 6 May 2017 3:14

Tgt Ion:264 Resp: 3590
 Ion Ratio Lower Upper
 264 100
 260 27.5 23.5 35.3
 265 27.0 27.2 40.8#

