

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092946.D
 Acq On : 6 May 2017 1:20
 Operator : SJ/MA
 Sample : I2893-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 05:10:45 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

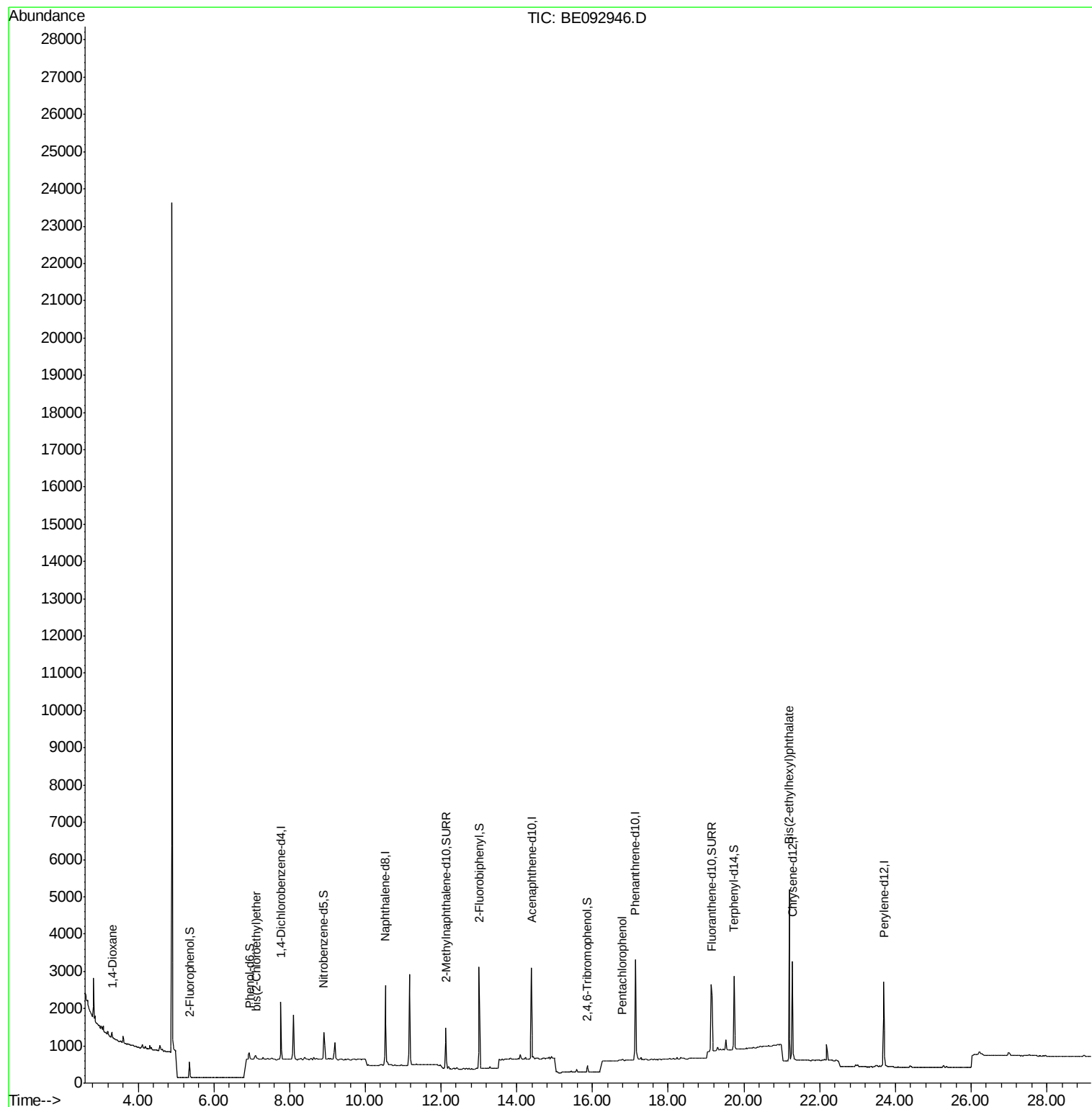
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	773	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3126	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1431	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3524	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3904	0.40	ng	0.00
33) Perylene-d12	23.69	264	3621	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	313	0.18	ng	0.00
5) Phenol-d6	6.94	99	245	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	833	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1616	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	111	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2591	0.39	ng	0.00
24) Fluoranthene-d10	19.15	212	3240	0.40	ng	0.00
28) Terphenyl-d14	19.74	244	2357	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	36	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.11	93	300	0.11	ng	# 20
21) Pentachlorophenol	16.79	266	23	0.21	ng	97
31) Bis(2-ethylhexyl)phthalate	21.20	149	4404	1.76	ng	# 96

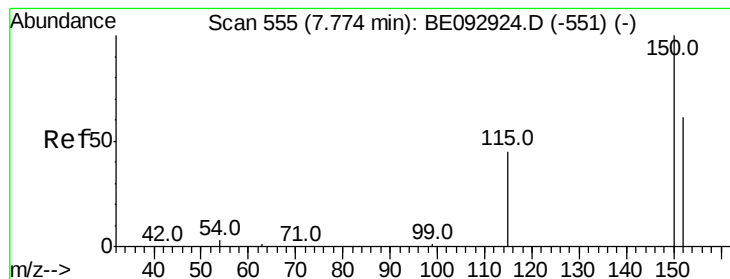
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampleId :

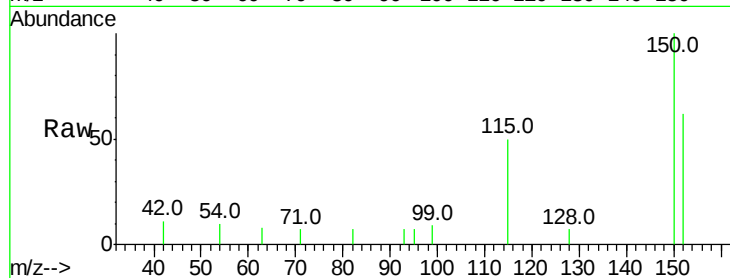
Tot Ion:152 Resp: 773

Ion Ratio Lower Upper

152 100

150 162.2 129.9 194.9

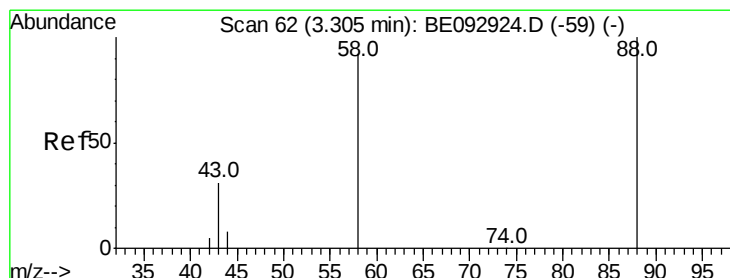
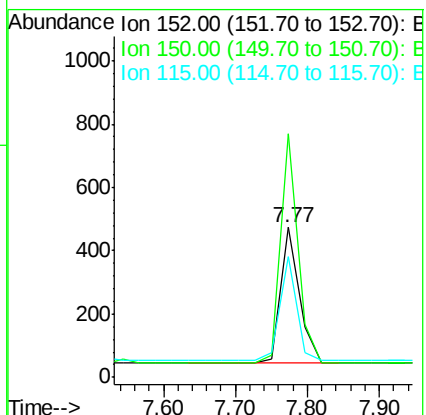
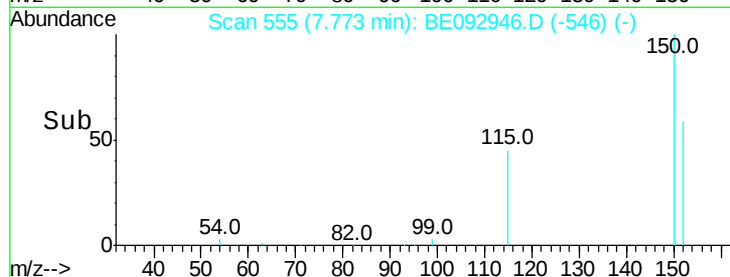
115 80.4 62.6 93.8



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: 0.02 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

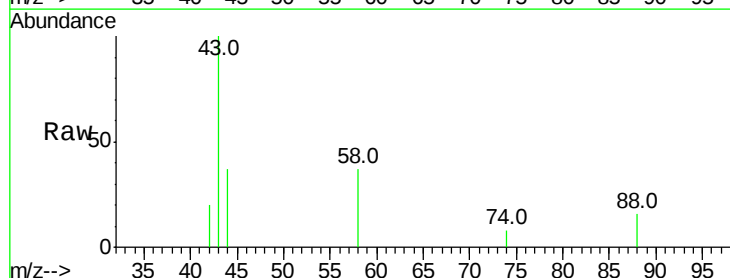
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 169.4 64.9 97.3#

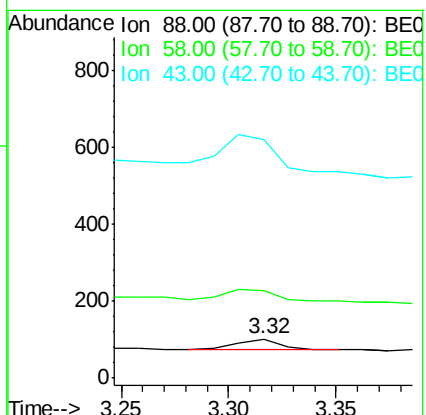
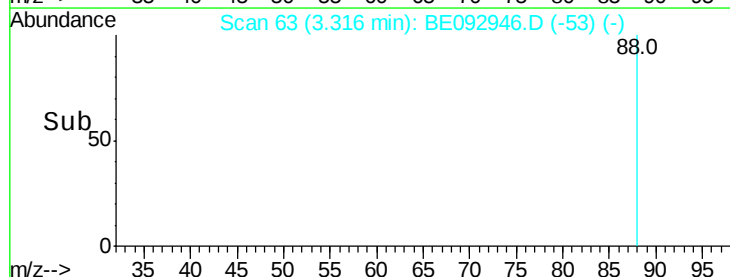
43 569.4 26.6 40.0#

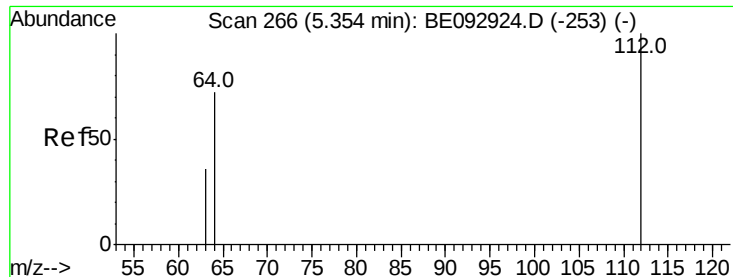


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.18 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampleId :

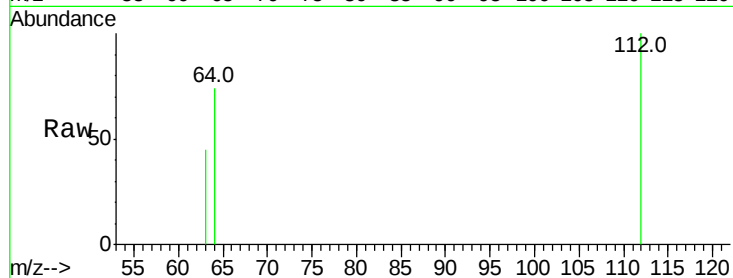
Tot Ion:112 Resp: 313

Ion Ratio Lower Upper

112 100

64 70.9 52.6 79.0

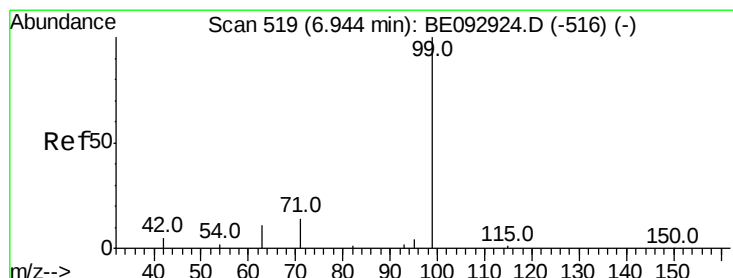
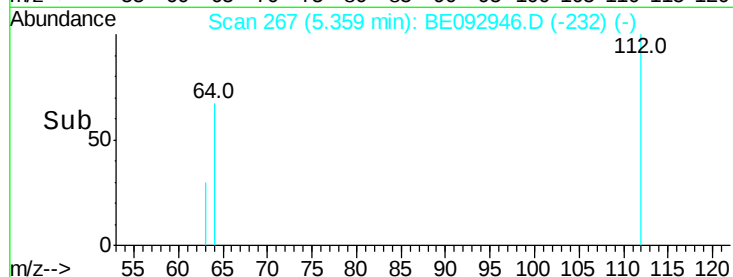
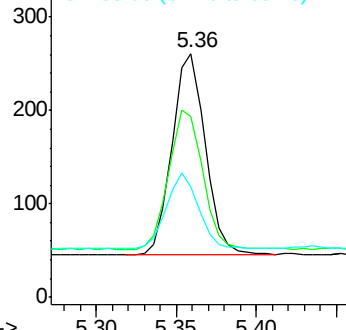
63 35.8 29.0 43.4



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: 0.10 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

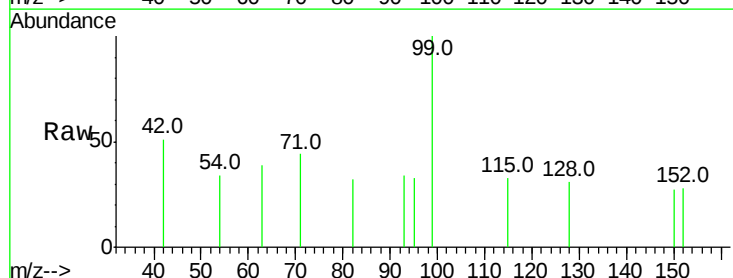
Tgt Ion: 99 Resp: 245

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

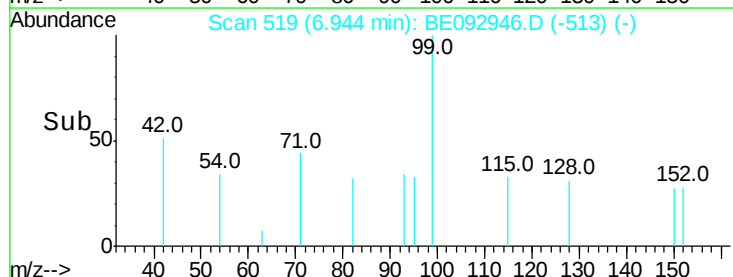
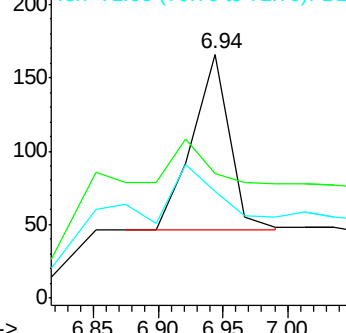
71 0.0 0.0 0.0

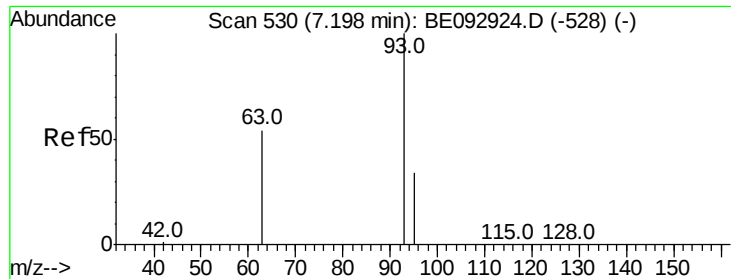


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampleId :

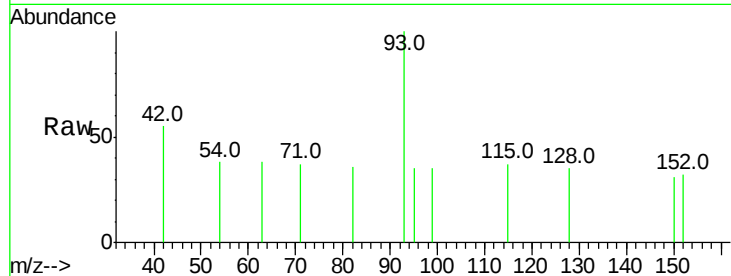
Tot Ion: 93 Resp: 300

Ion Ratio Lower Upper

93 100

63 0.0 61.2 91.8#

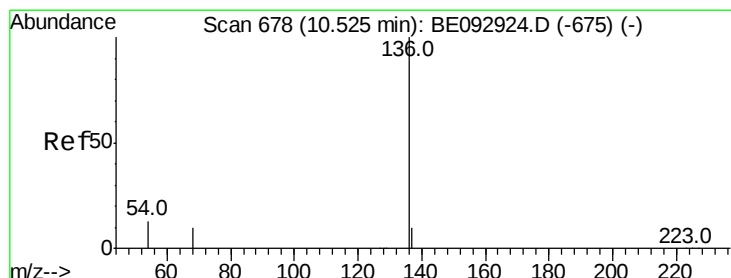
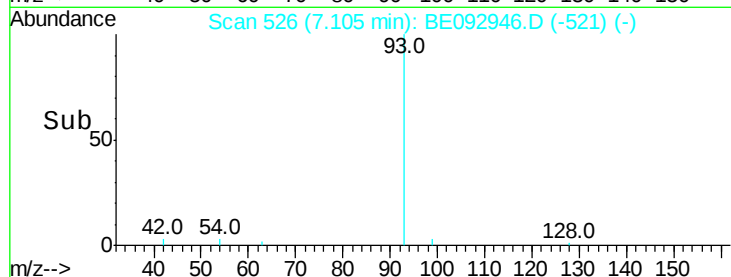
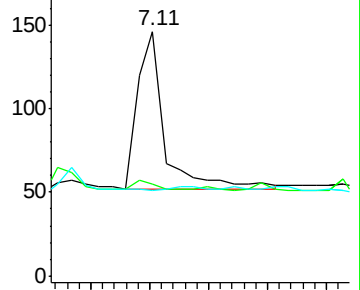
95 0.0 25.5 38.3#



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: BE092946.D

Acq: 6 May 2017 1:20

Tgt Ion: 136 Resp: 3126

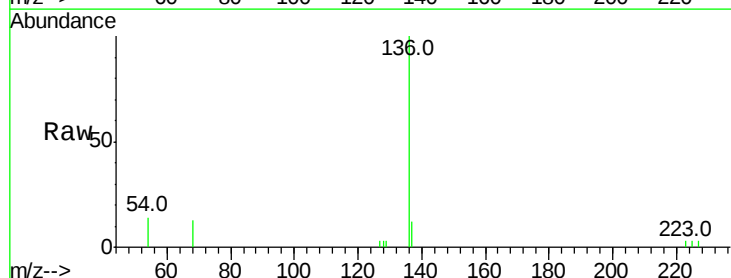
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 14.5 12.6 18.8

68 12.7 10.7 16.1

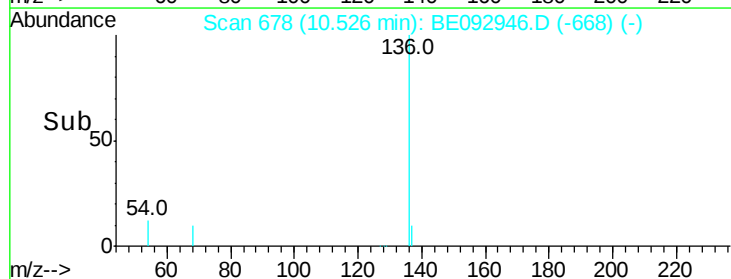
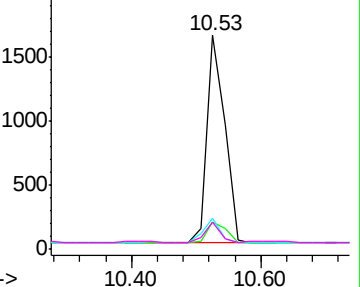


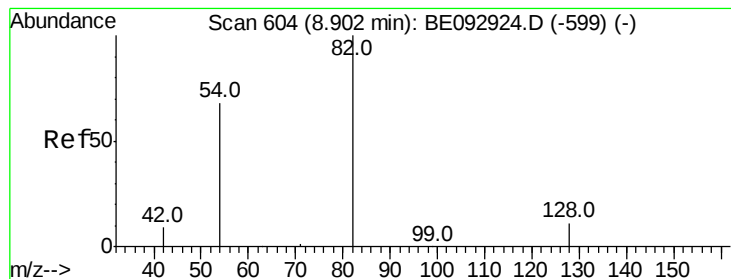
Abundance Ion 136.00 (135.70 to 136.70): E

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: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampled :

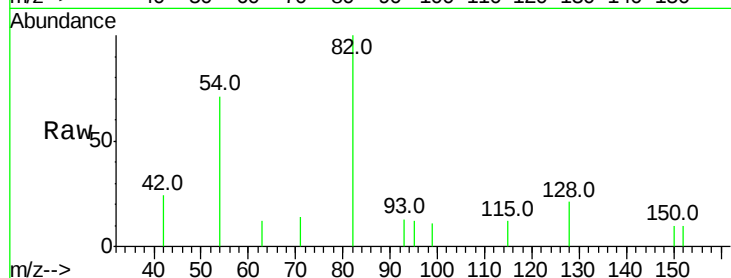
Tot Ion: 82 Resp: 833

Ion Ratio Lower Upper

82 100

128 21.0 35.3 52.9#

54 70.6 65.1 97.7

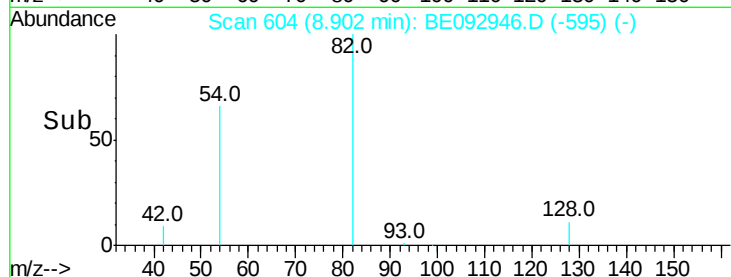


Abundance Ion 82.00 (81.70 to 82.70): BE0

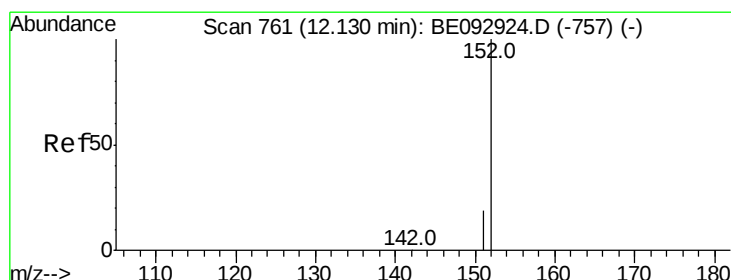
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092946.D

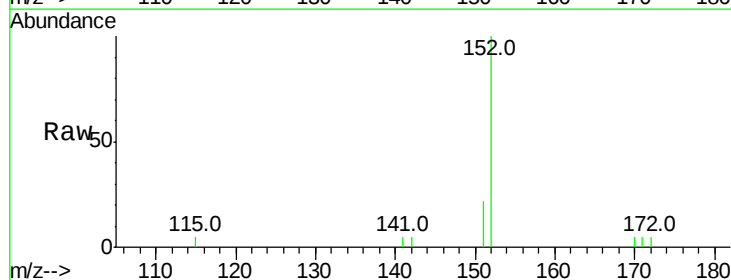
Acq: 6 May 2017 1:20

Tgt Ion: 152 Resp: 1616

Ion Ratio Lower Upper

152 100

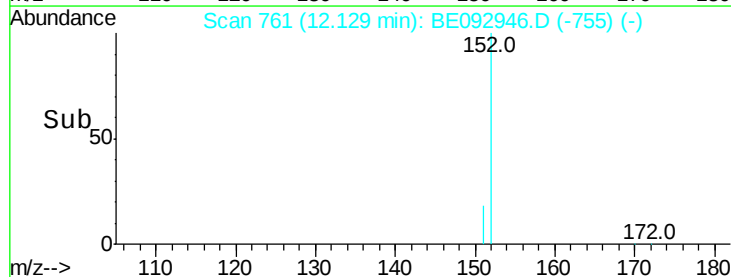
151 19.4 15.7 23.5



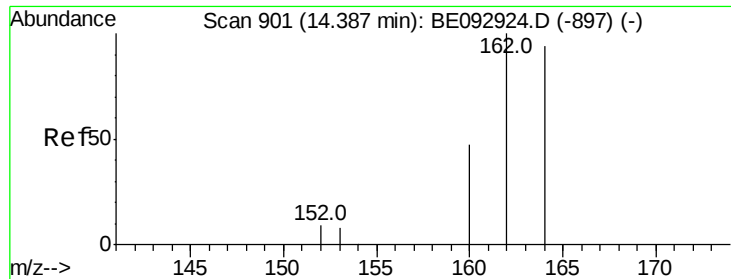
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampleId :

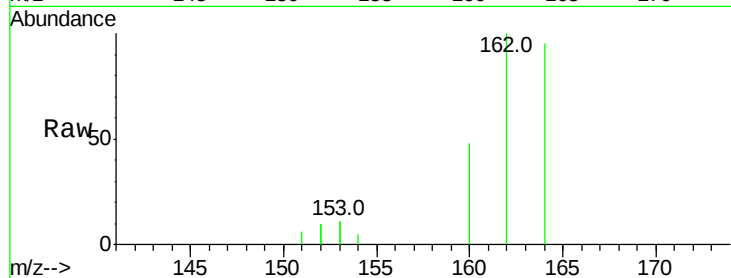
Tot Ion:164 Resp: 1431

Ion Ratio Lower Upper

164 100

162 105.7 86.6 130.0

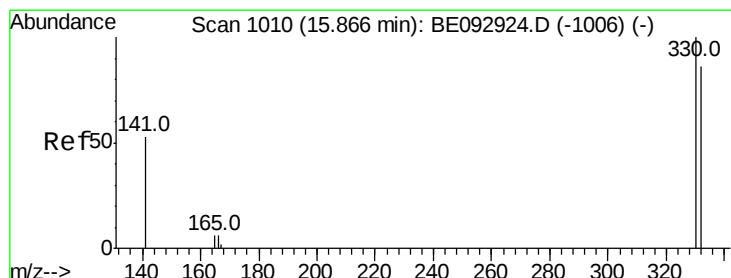
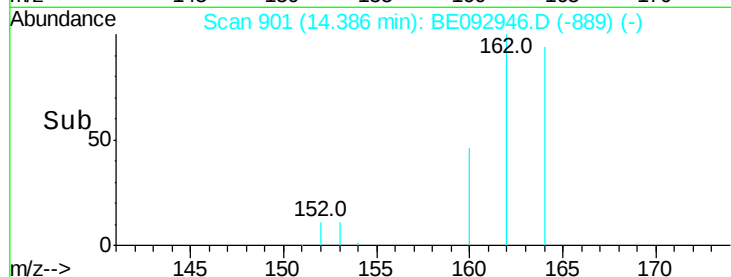
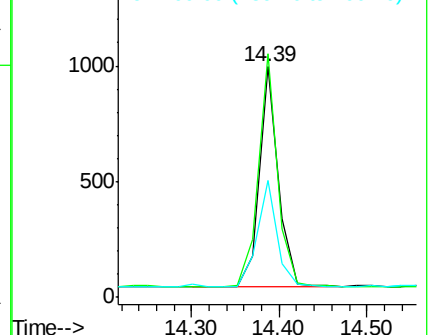
160 50.8 44.5 66.7



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: 0.50 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

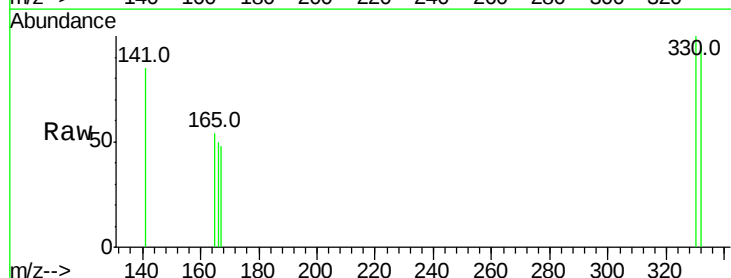
Tgt Ion:330 Resp: 111

Ion Ratio Lower Upper

330 100

332 100.0 69.1 103.7

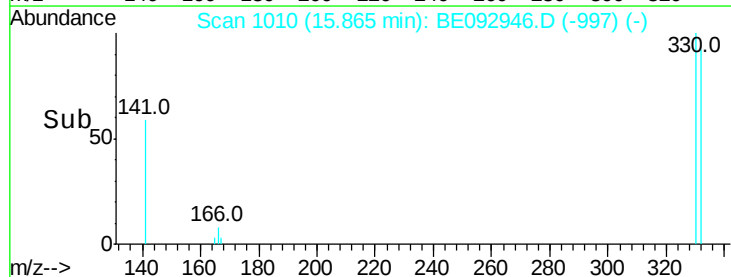
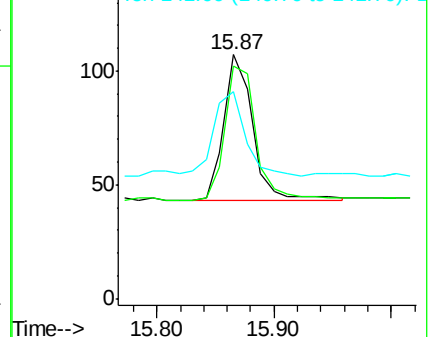
141 74.8 54.6 81.8

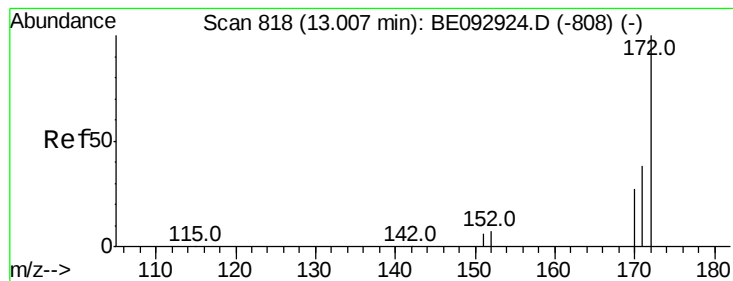


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

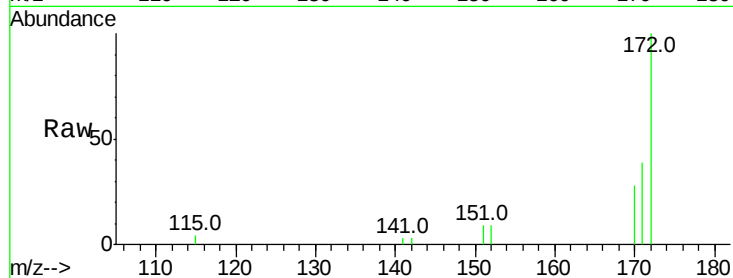




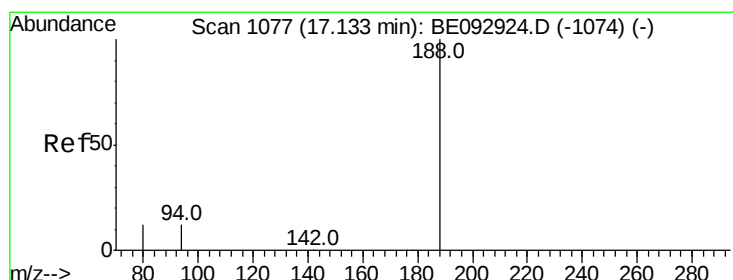
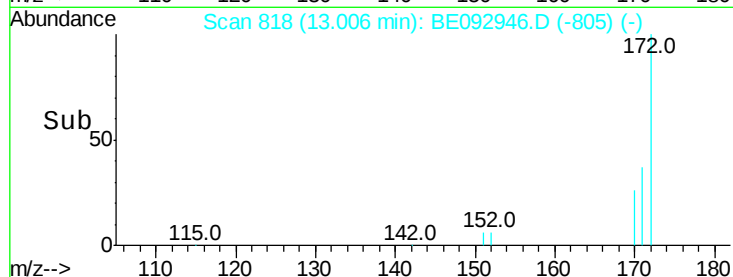
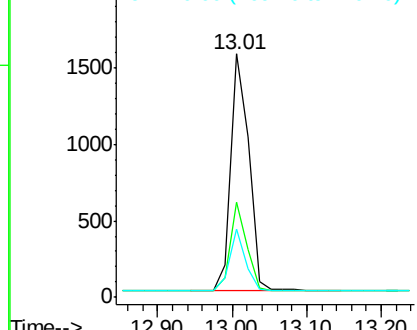
#15
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE092946.D
 Acq: 6 May 2017 1:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 2591
 Ion Ratio Lower Upper
 172 100
 171 39.2 35.8 53.6
 170 27.8 28.5 42.7#

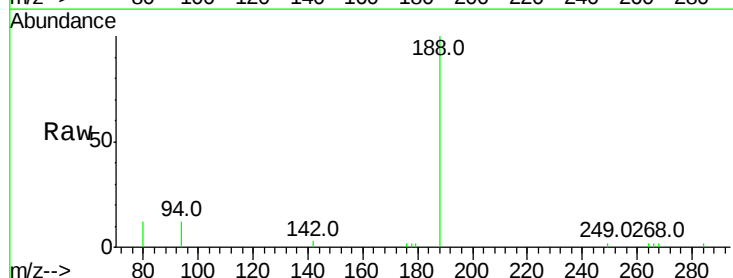


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

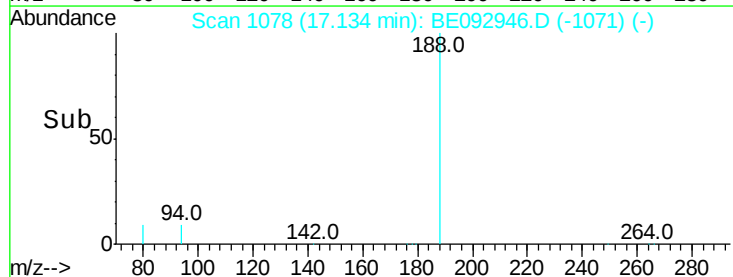
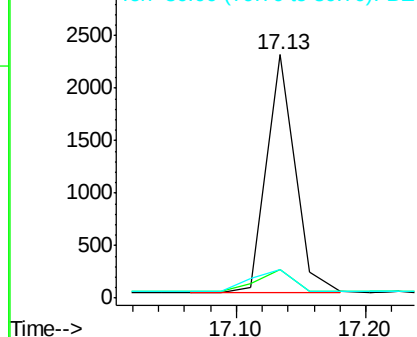


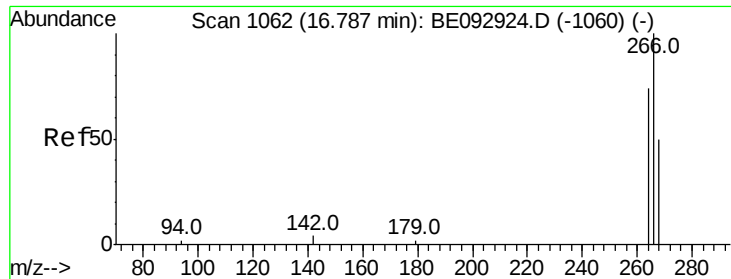
#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.13 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BE092946.D
 Acq: 6 May 2017 1:20

Tgt Ion:188 Resp: 3524
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.2 15.4
 80 11.5 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

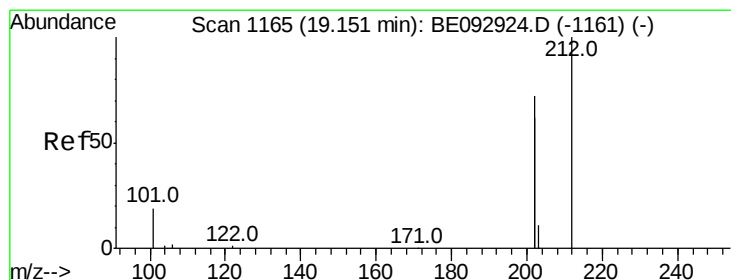
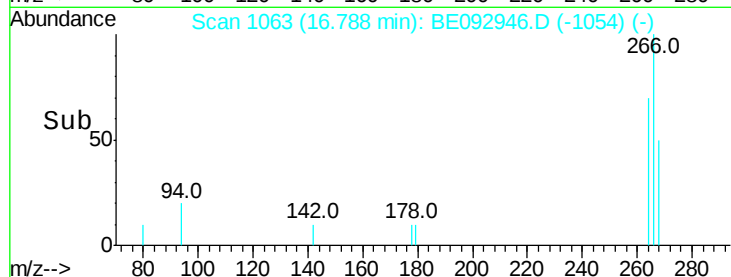
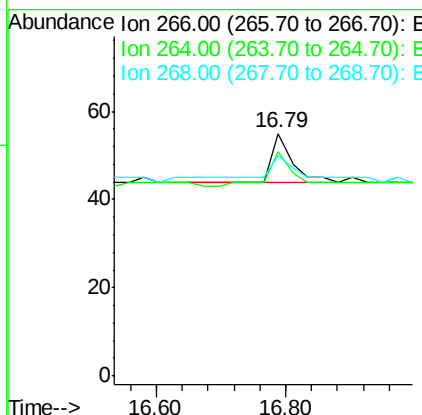
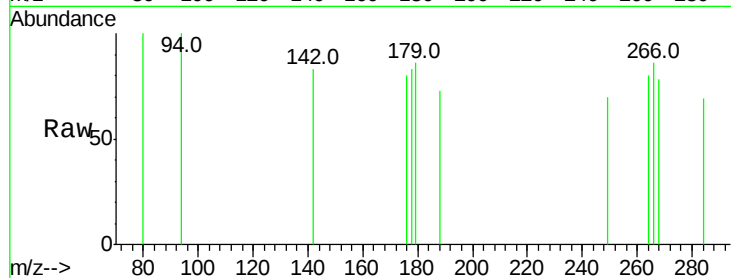




#21
 Pentachlorophenol
 Concen: 0.21 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092946.D
 Acq: 6 May 2017 1:20

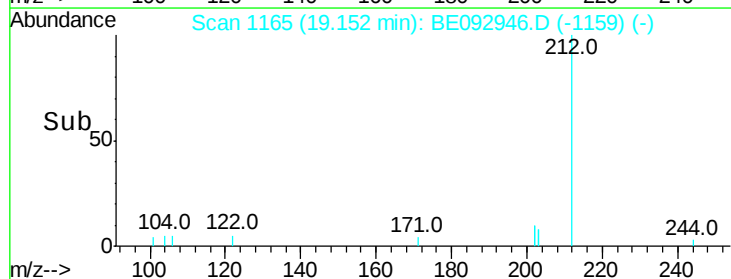
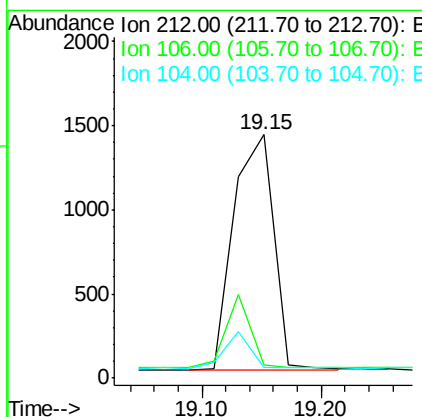
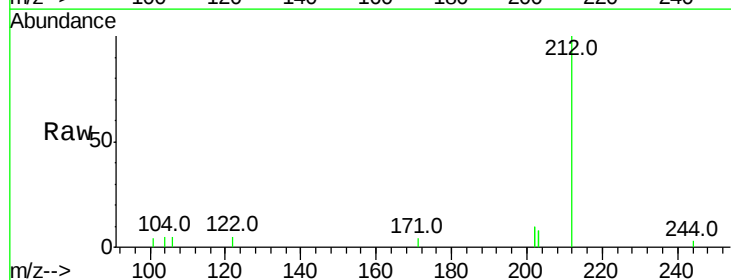
Instrument :
 BNA_E
 ClientSampleId :

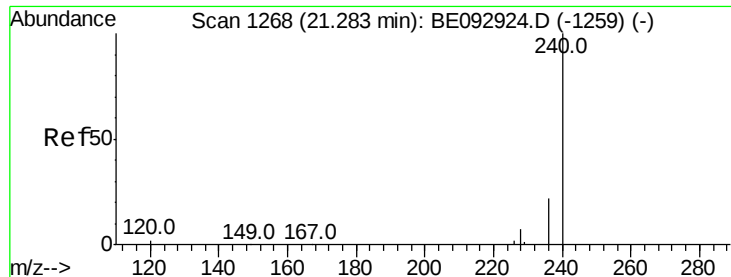
Tot Ion:266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 264 92.7 75.4 113.2
 268 90.9 75.4 113.2



#24
 Fluoranthene-d10
 Concen: 0.40 ng
 RT: 19.15 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BE092946.D
 Acq: 6 May 2017 1:20

Tgt Ion:212 Resp: 3240
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0





#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

Instrument :

BNA_E

ClientSampleId :

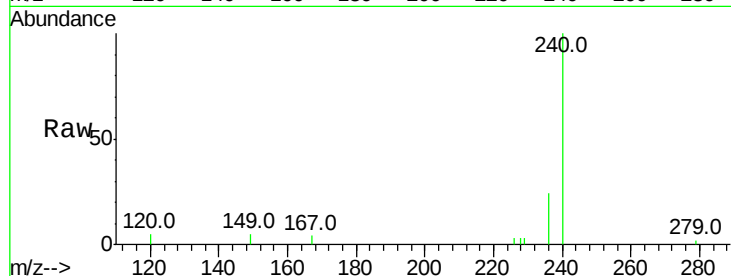
Tot Ion:240 Resp: 3904

Ion Ratio Lower Upper

240 100

120 4.8 4.6 6.8

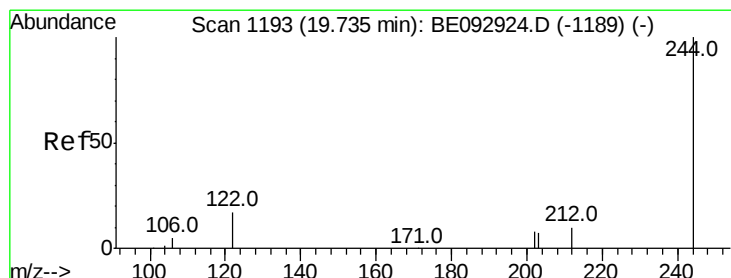
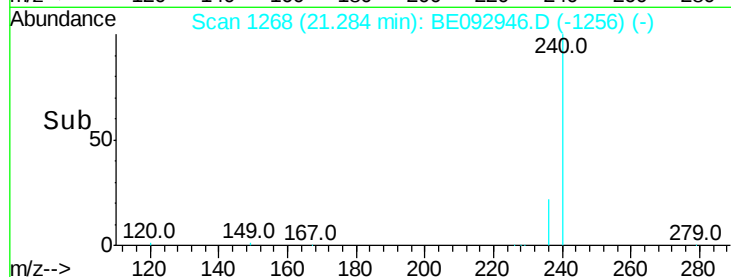
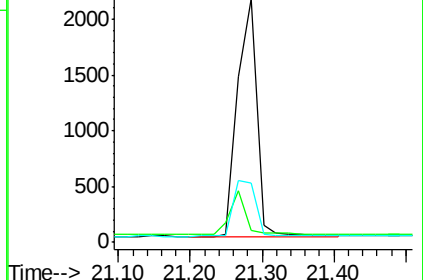
236 24.2 19.8 29.8



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



#28

Terphenyl-d14

Concen: 0.35 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092946.D

Acq: 6 May 2017 1:20

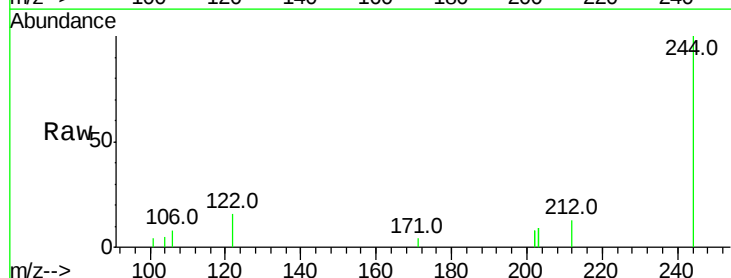
Tgt Ion:244 Resp: 2357

Ion Ratio Lower Upper

244 100

212 12.6 18.4 27.6#

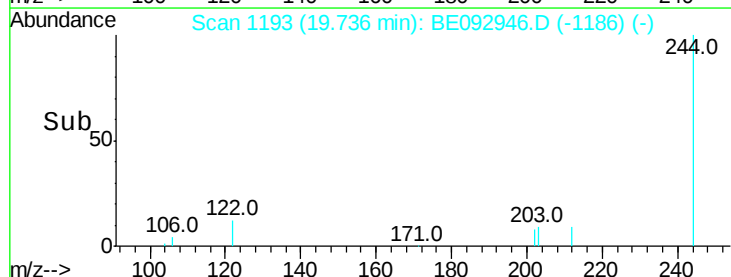
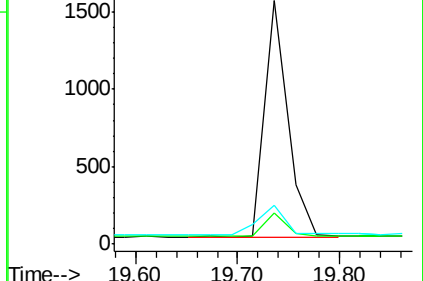
122 15.8 23.3 34.9#

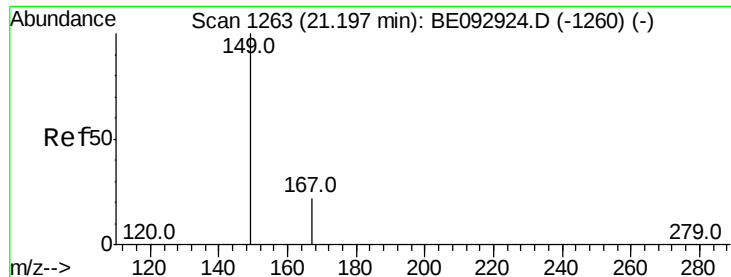


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

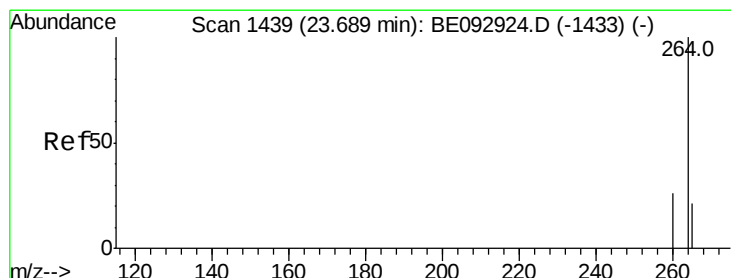
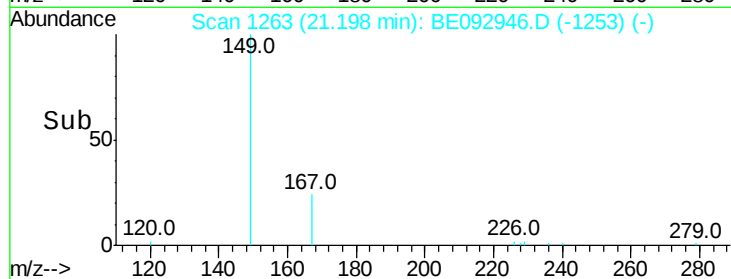
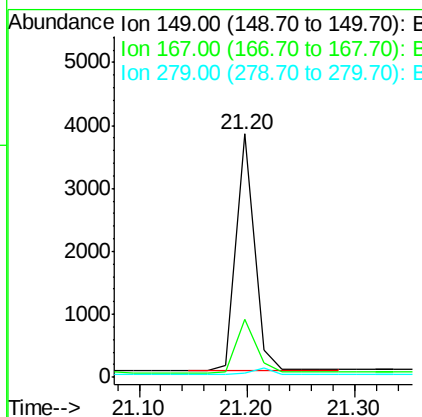
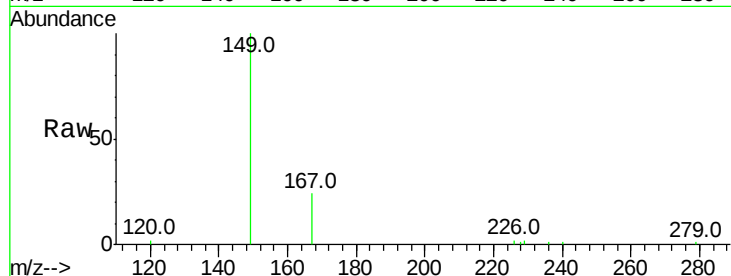




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 1.76 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092946.D
 Acq: 6 May 2017 1:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 4404
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.9 31.3
 279 2.6 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: BE092946.D
 Acq: 6 May 2017 1:20

Tgt Ion:264 Resp: 3621
 Ion Ratio Lower Upper
 264 100
 260 27.6 23.5 35.3
 265 27.3 27.2 40.8

