

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092938.D
 Acq On : 5 May 2017 20:25
 Operator : SJ/MA
 Sample : I2893-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 01:49:08 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

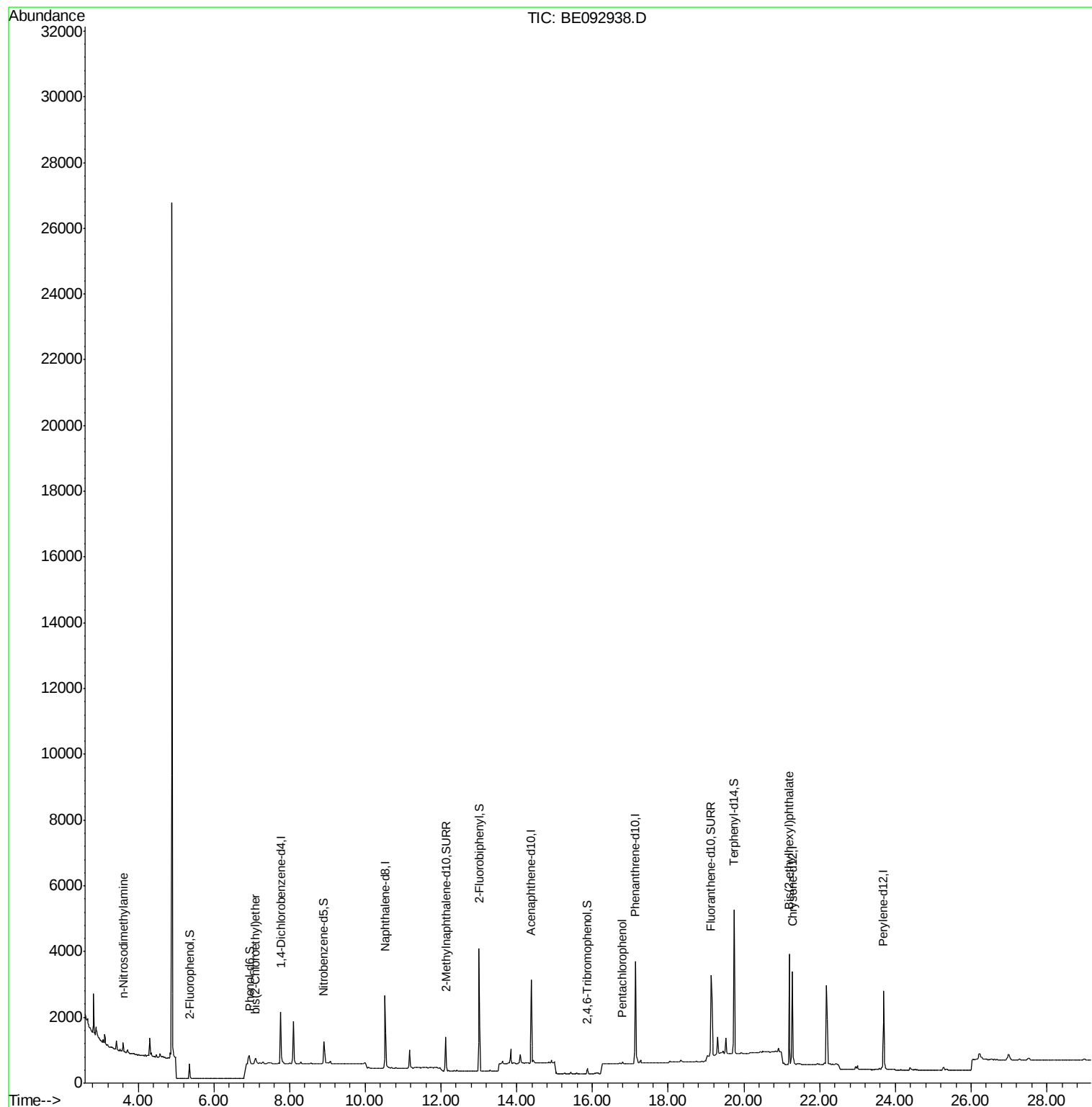
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	760	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3181	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1482	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4075	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4218	0.40	ng	0.00
33) Perylene-d12	23.69	264	3519	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	314	0.19	ng	0.00
5) Phenol-d6	6.94	99	282	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	737	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1749	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	102	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3302	0.48	ng	0.00
24) Fluoranthene-d10	19.13	212	4074	0.43	ng	-0.02
28) Terphenyl-d14	19.74	244	5230	0.71	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.61	42	36	0.03	ng	# 1
6) bis(2-Chloroethyl)ether	7.11	93	406	0.15	ng	# 20
21) Pentachlorophenol	16.79	266	43	0.25	ng	93
31) Bis(2-ethylhexyl)phthalate	21.20	149	3218	1.19	ng	# 98

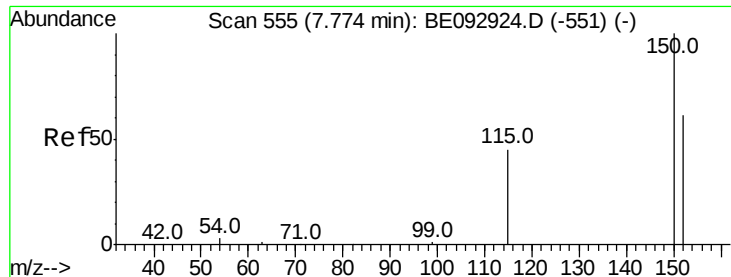
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

Instrument :

BNA_E

ClientSampleId :

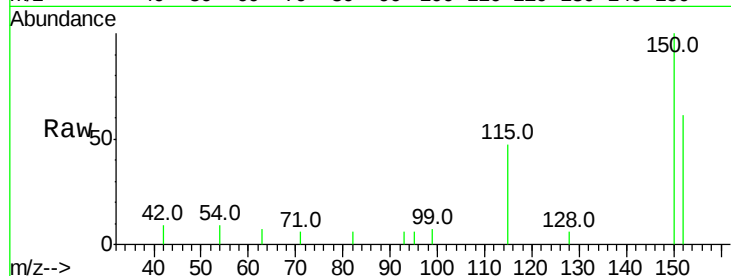
Tot Ion:152 Resp: 760

Ion Ratio Lower Upper

152 100

150 163.7 129.9 194.9

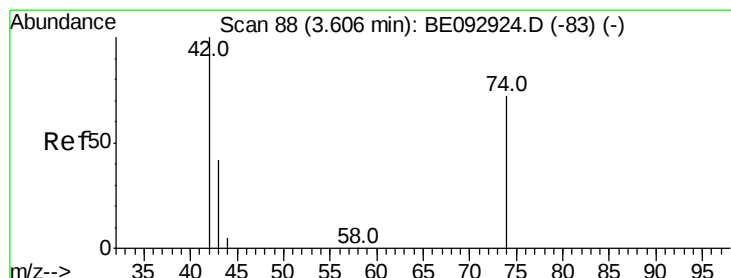
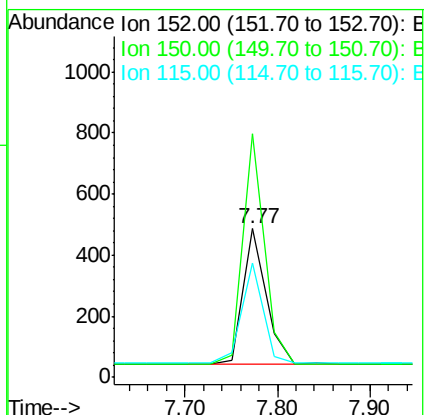
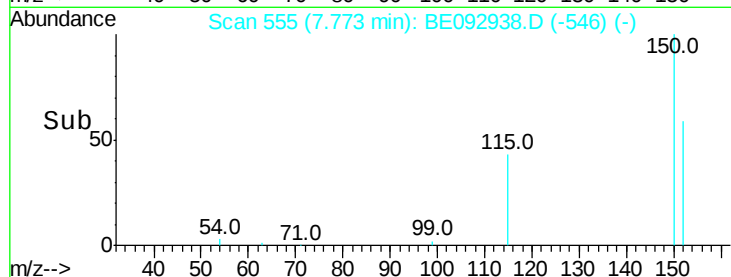
115 76.6 62.6 93.8



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: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

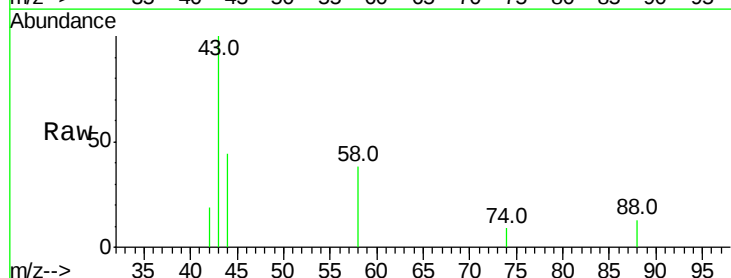
Tgt Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 16.7 106.6 160.0#

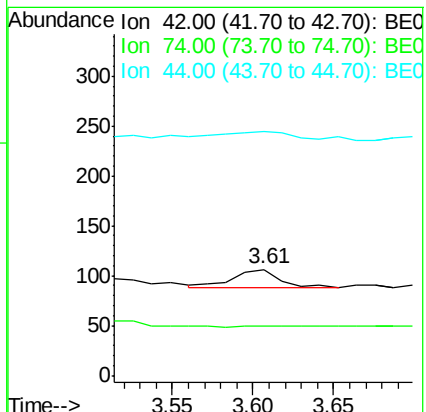
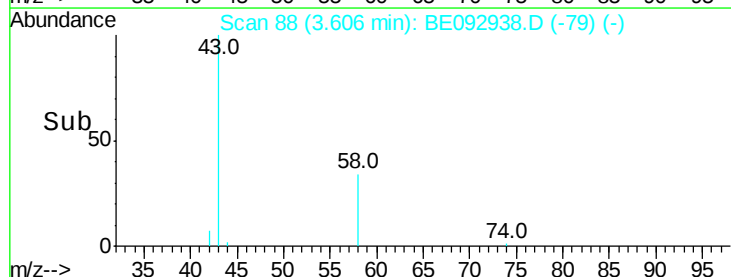
44 111.1 25.7 38.5#

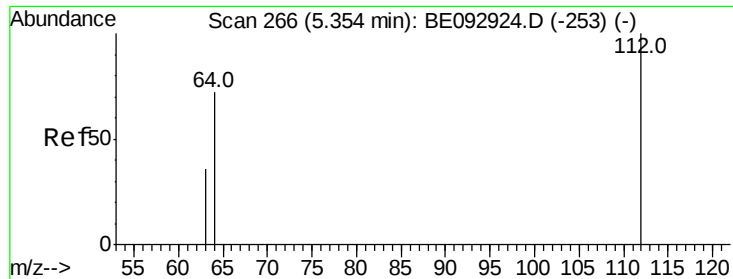


Abundance Ion 42.00 (41.70 to 42.70): BE0

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: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

Instrument :

BNA_E

ClientSampleId :

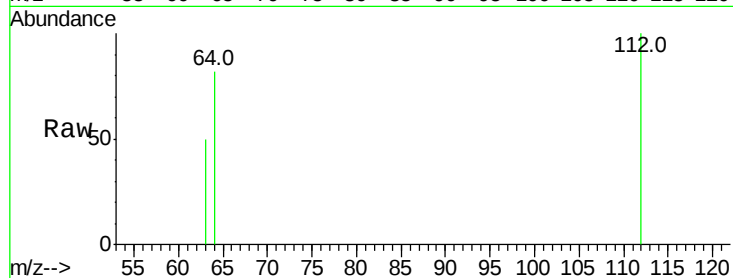
Tot Ion:112 Resp: 314

Ion Ratio Lower Upper

112 100

64 71.3 52.6 79.0

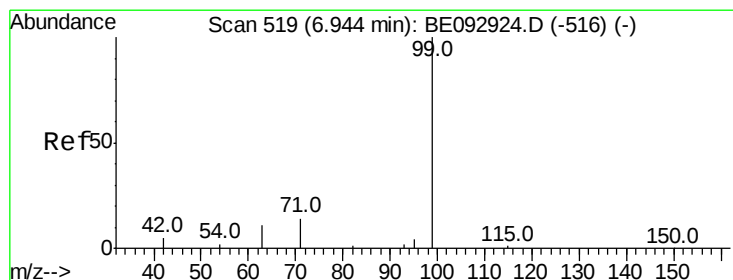
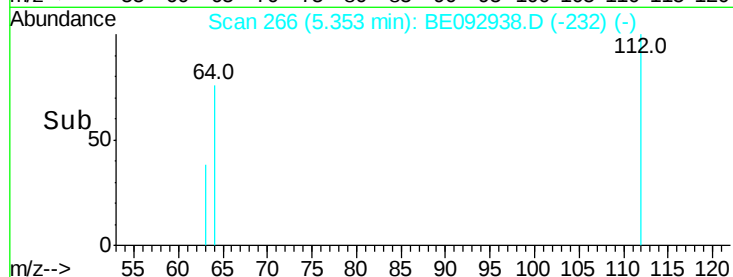
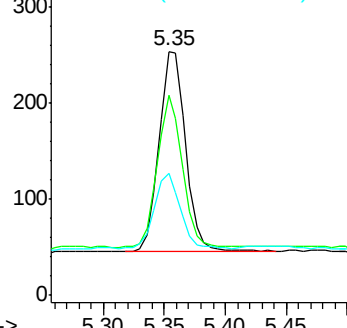
63 36.6 29.0 43.4



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: 0.12 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

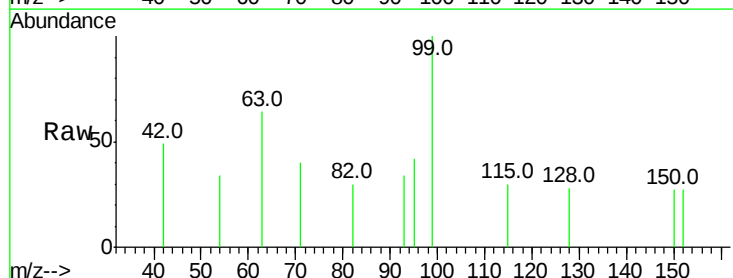
Tgt Ion: 99 Resp: 282

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

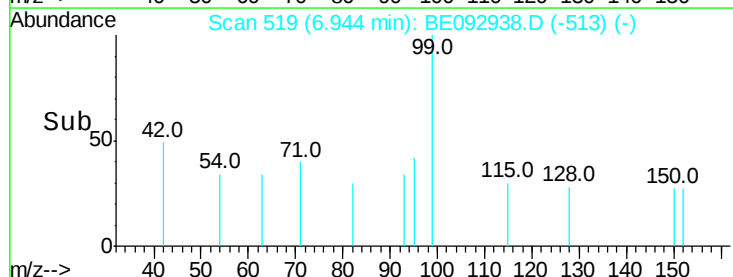
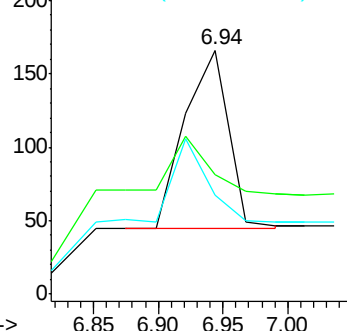
71 0.0 0.0 0.0

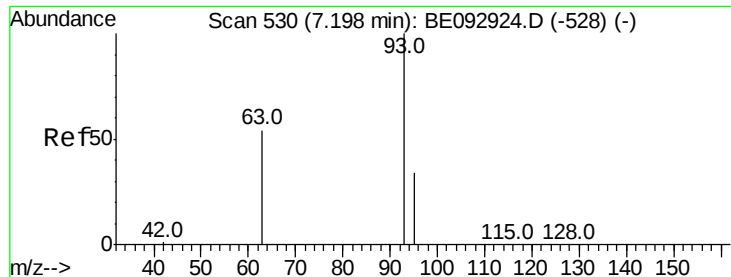


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

Instrument :

BNA_E

ClientSampled :

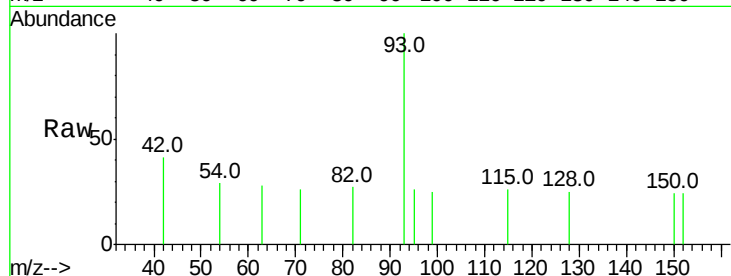
Tot Ion: 93 Resp: 406

Ion Ratio Lower Upper

93 100

63 0.0 61.2 91.8#

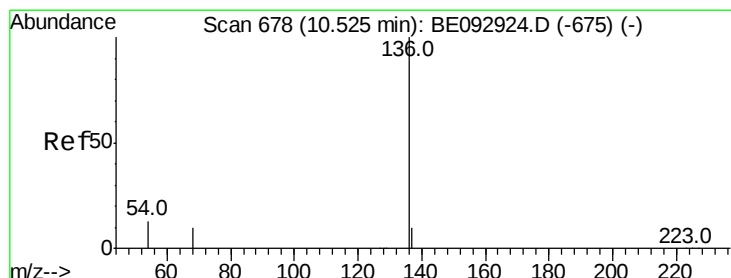
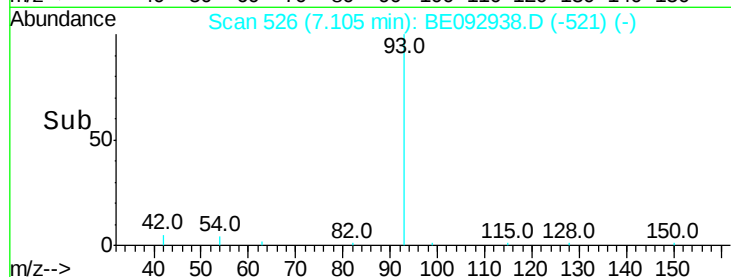
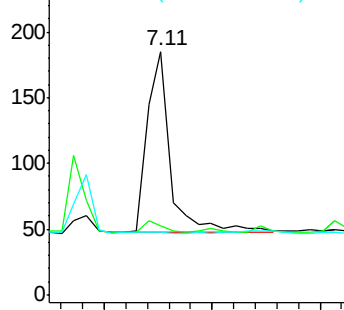
95 0.0 25.5 38.3#



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: BE092938.D

Acq: 5 May 2017 20:25

Tgt Ion: 136 Resp: 3181

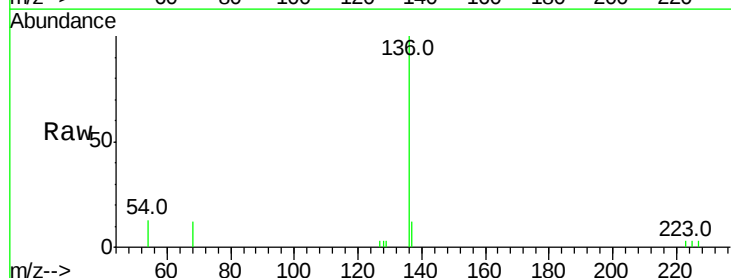
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 13.2 12.6 18.8

68 11.7 10.7 16.1

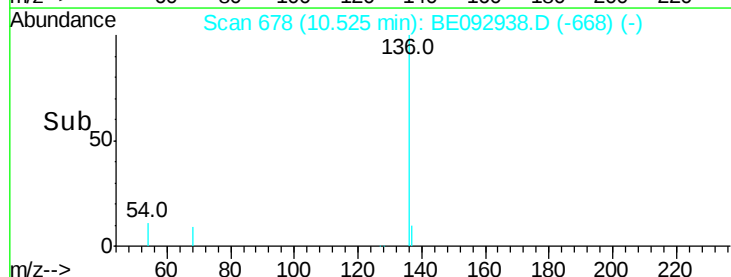
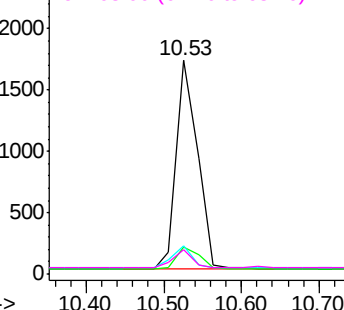


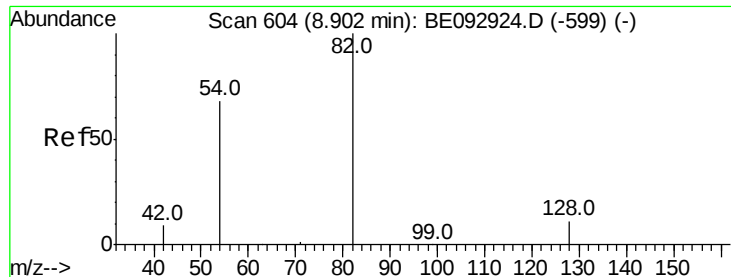
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

Instrument :

BNA_E

ClientSampled :

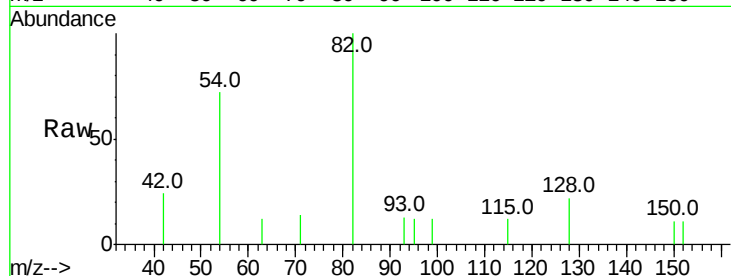
Tot Ion: 82 Resp: 737

Ion Ratio Lower Upper

82 100

128 21.7 35.3 52.9#

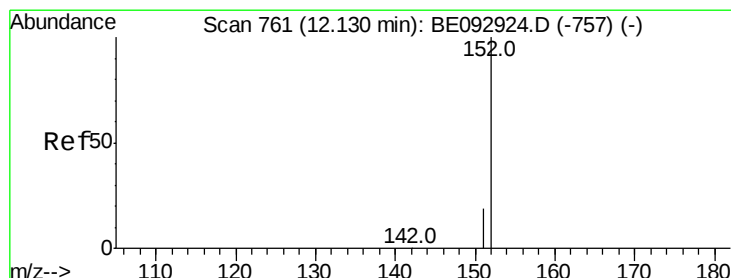
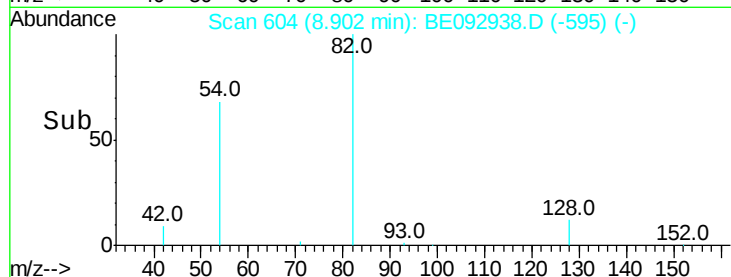
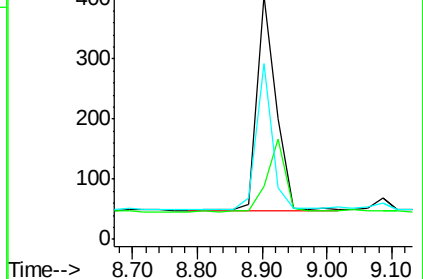
54 72.3 65.1 97.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092938.D

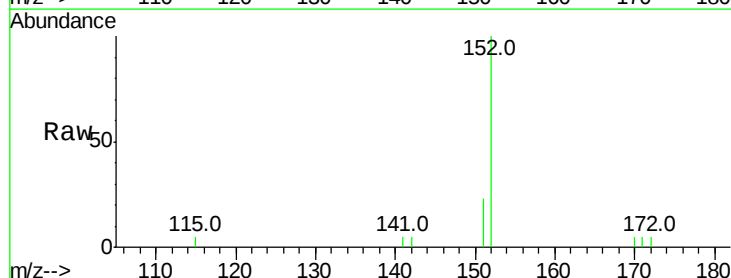
Acq: 5 May 2017 20:25

Tgt Ion: 152 Resp: 1749

Ion Ratio Lower Upper

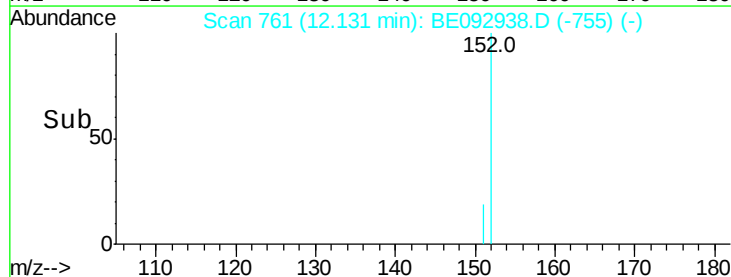
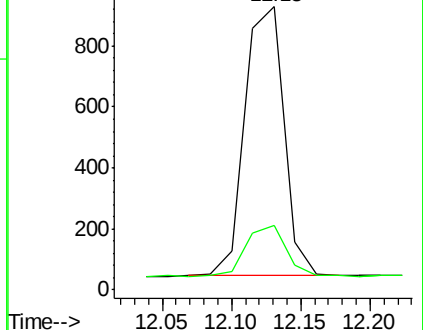
152 100

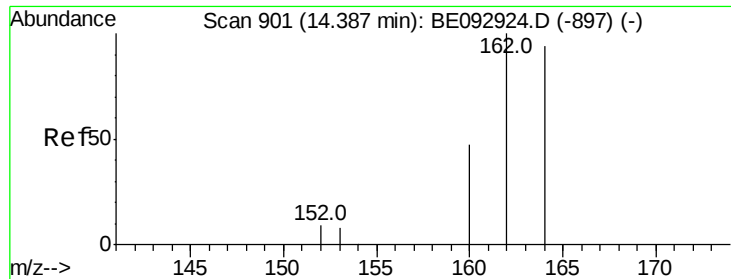
151 19.4 15.7 23.5



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: BE092938.D

Acq: 5 May 2017 20:25

Instrument :

BNA_E

ClientSampleId :

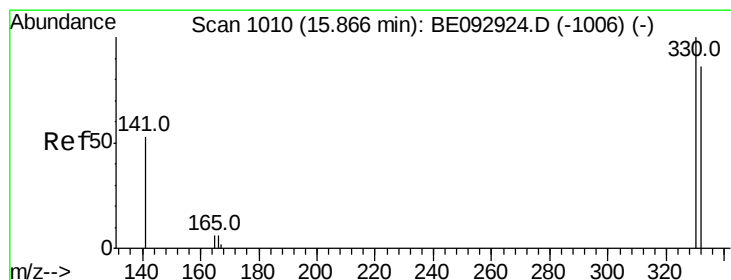
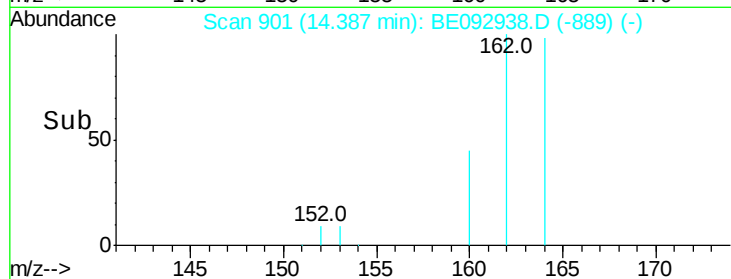
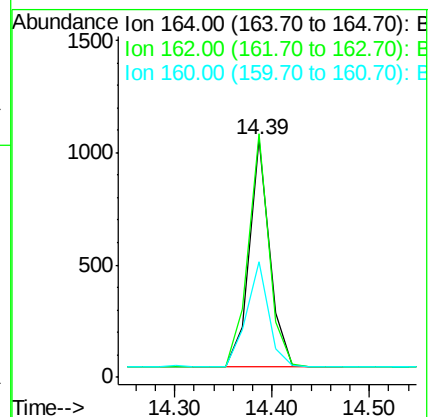
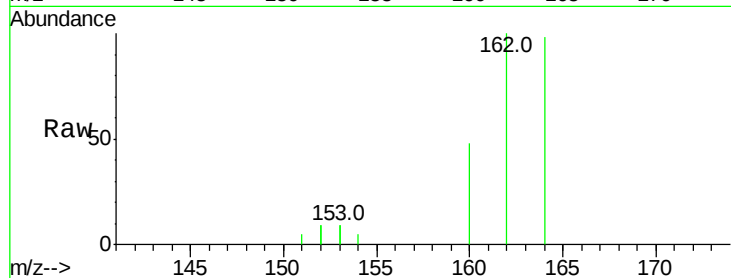
Tot Ion:164 Resp: 1482

Ion Ratio Lower Upper

164 100

162 102.3 86.6 130.0

160 48.8 44.5 66.7



#14

2,4,6-Tribromophenol

Concen: 0.44 ng

RT: 15.86 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092938.D

Acq: 5 May 2017 20:25

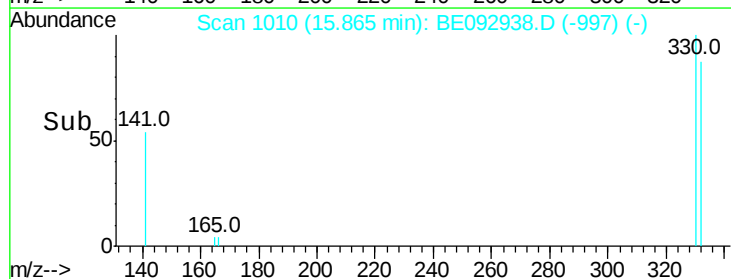
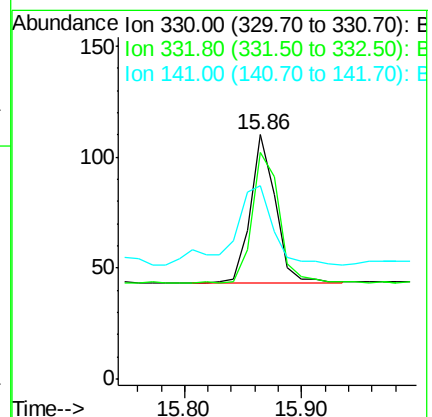
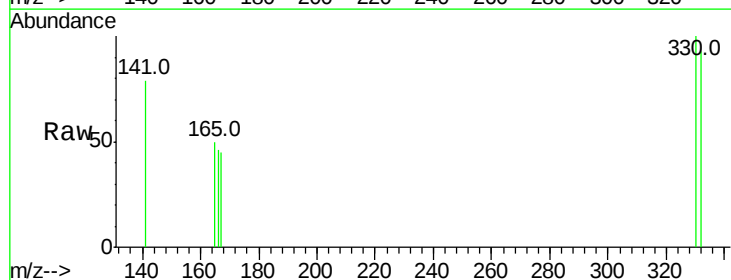
Tgt Ion:330 Resp: 102

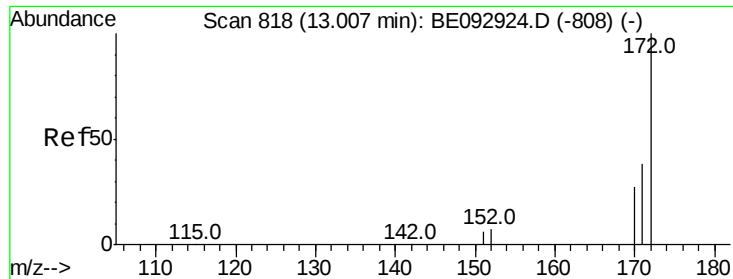
Ion Ratio Lower Upper

330 100

332 96.1 69.1 103.7

141 84.3 54.6 81.8#

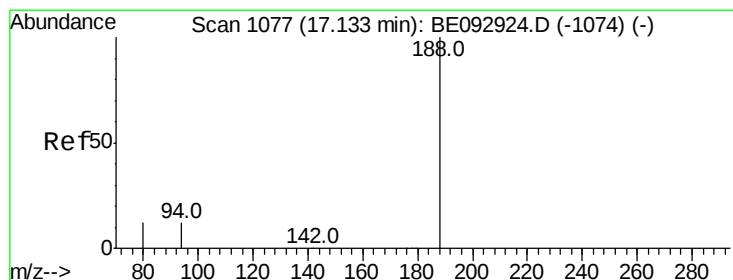
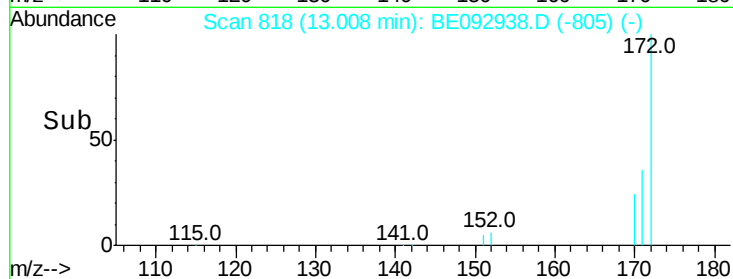
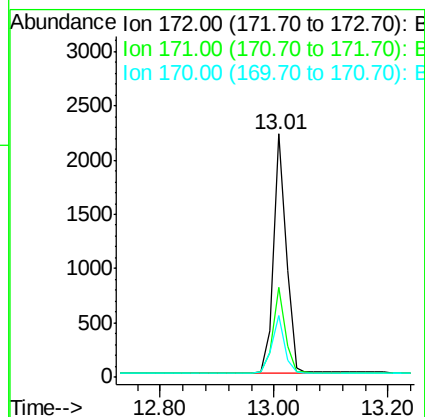
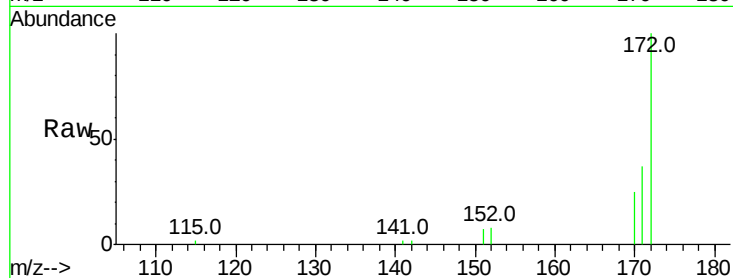




#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092938.D
Acq: 5 May 2017 20:25

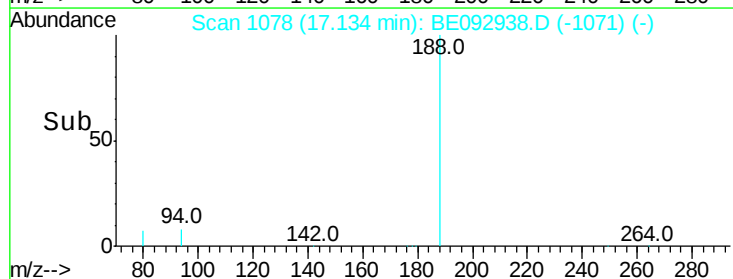
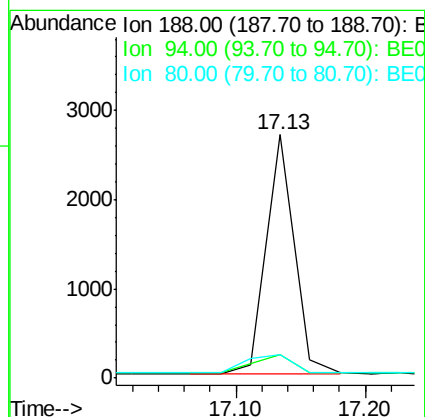
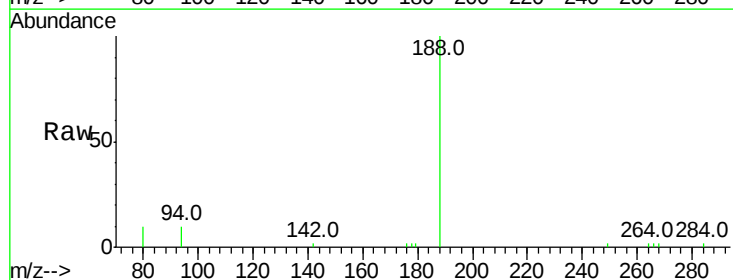
Instrument :
BNA_E
ClientSampleId :

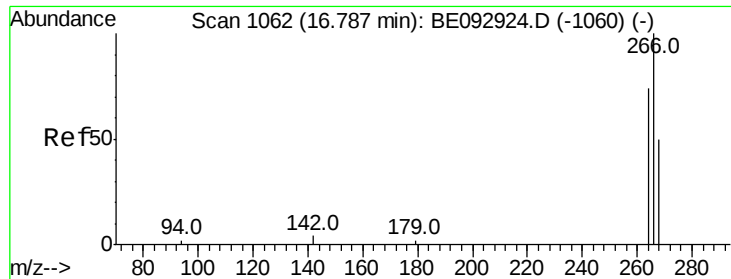
Tot Ion:172 Resp: 3302
Ion Ratio Lower Upper
172 100
171 36.9 35.8 53.6
170 25.3 28.5 42.7#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092938.D
Acq: 5 May 2017 20:25

Tgt Ion:188 Resp: 4075
Ion Ratio Lower Upper
188 100
94 9.8 10.2 15.4#
80 9.5 10.6 15.8#

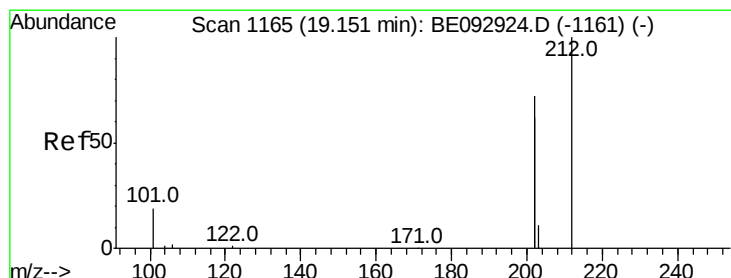
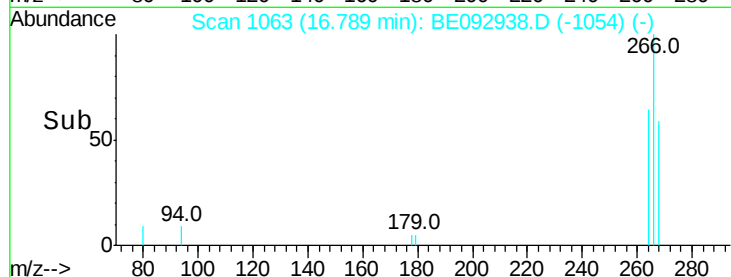
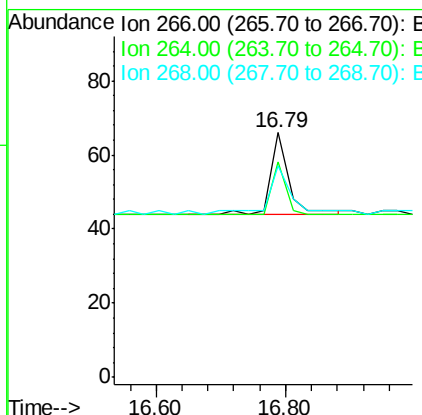
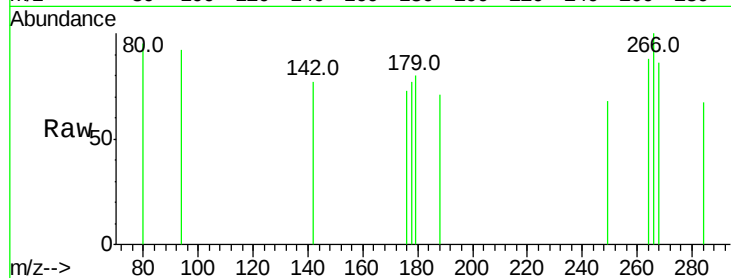




#21
 Pentachlorophenol
 Concen: 0.25 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092938.D
 Acq: 5 May 2017 20:25

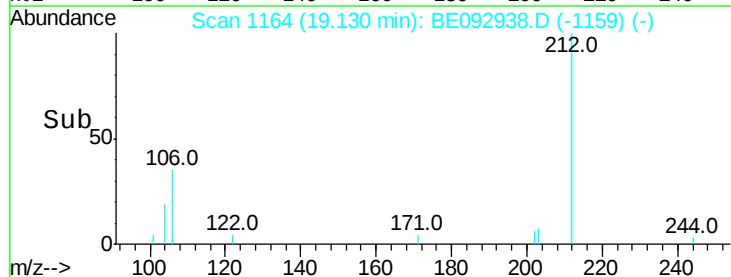
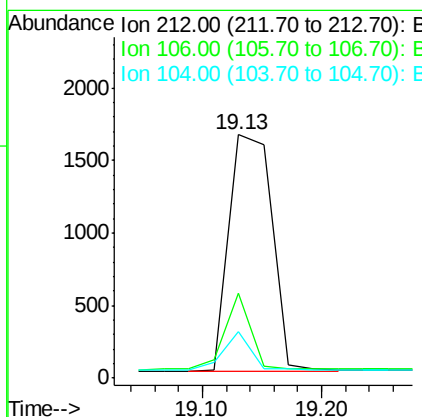
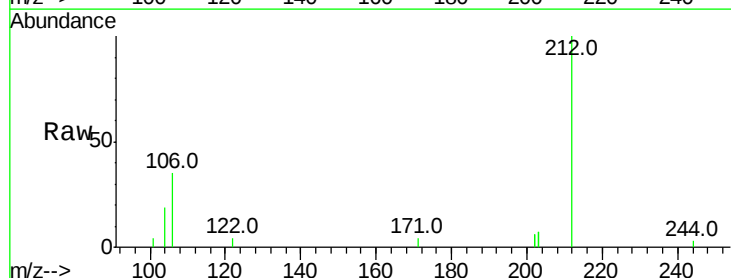
Instrument :
 BNA_E
 ClientSampleId :

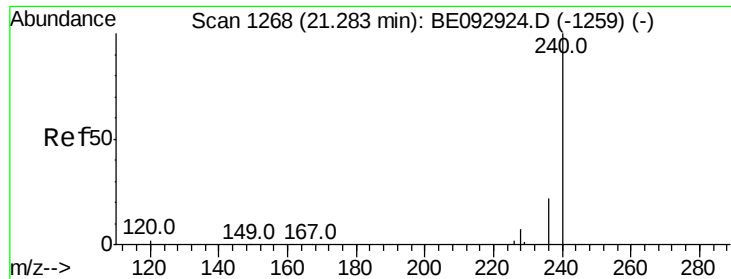
Tot Ion:266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 264 87.9 75.4 113.2
 268 86.4 75.4 113.2



#24
 Fluoranthene-d10
 Concen: 0.43 ng
 RT: 19.13 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BE092938.D
 Acq: 5 May 2017 20:25

Tgt Ion:212 Resp: 4074
 Ion Ratio Lower Upper
 212 100
 106 18.9 0.0 0.0#
 104 10.1 0.0 0.0#

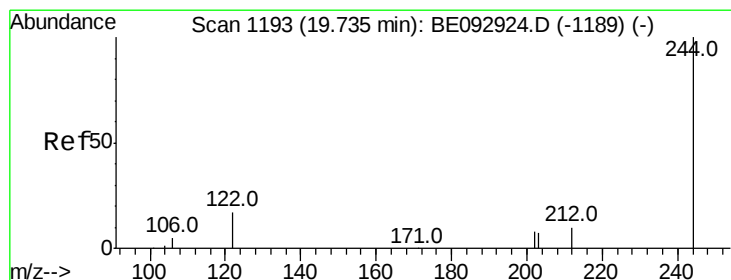
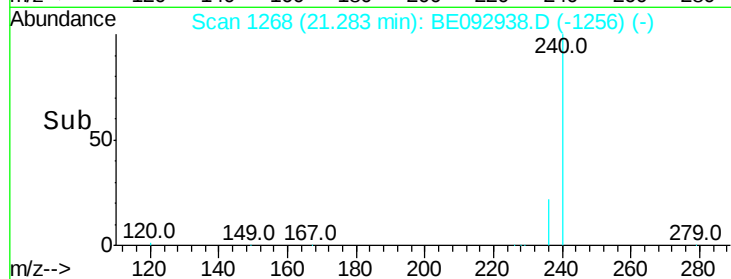
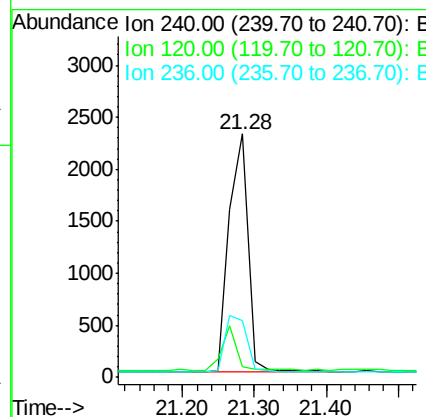
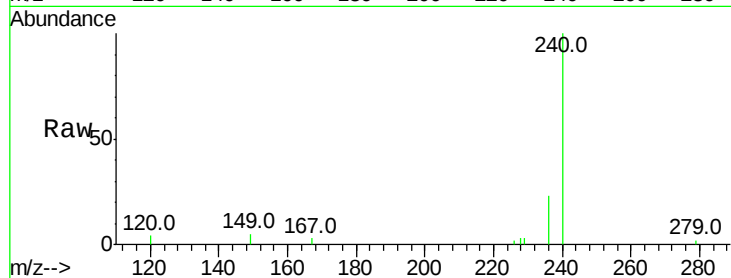




#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092938.D
Acq: 5 May 2017 20:25

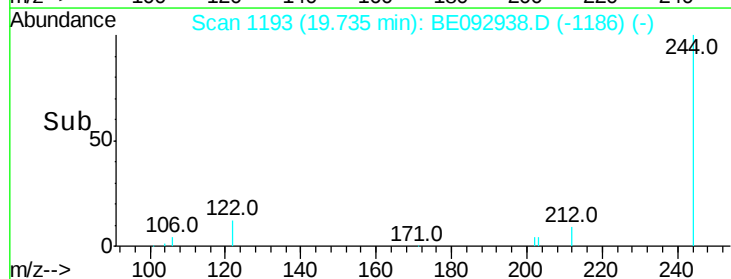
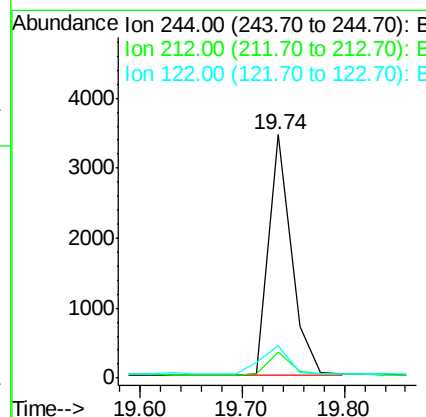
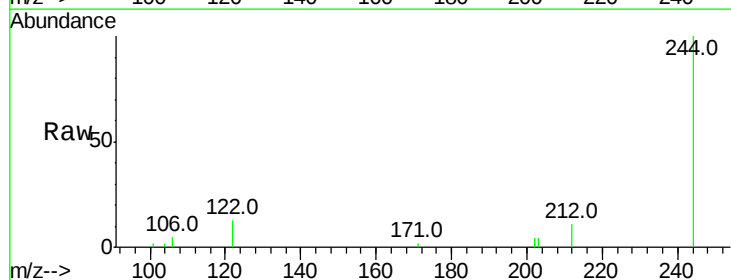
Instrument :
BNA_E
ClientSampleId :

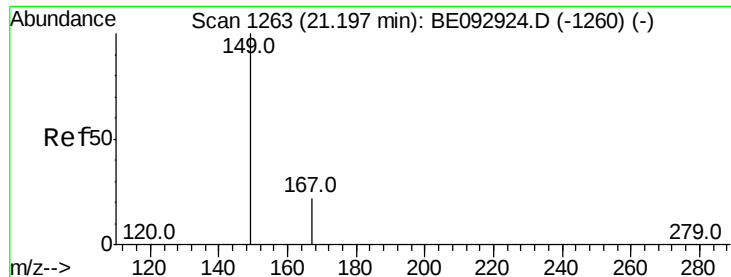
Tot Ion:240 Resp: 4218
Ion Ratio Lower Upper
240 100
120 4.3 4.6 6.8#
236 23.4 19.8 29.8



#28
Terphenyl-d14
Concen: 0.71 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092938.D
Acq: 5 May 2017 20:25

Tgt Ion:244 Resp: 5230
Ion Ratio Lower Upper
244 100
212 10.7 18.4 27.6#
122 13.3 23.3 34.9#

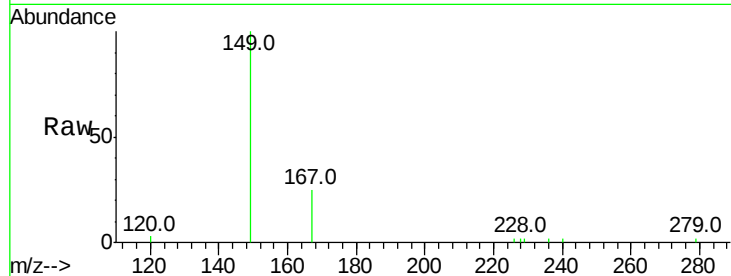




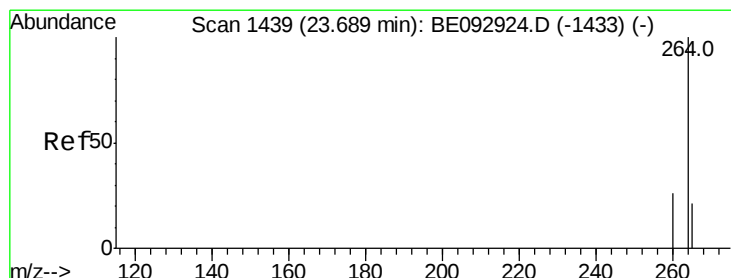
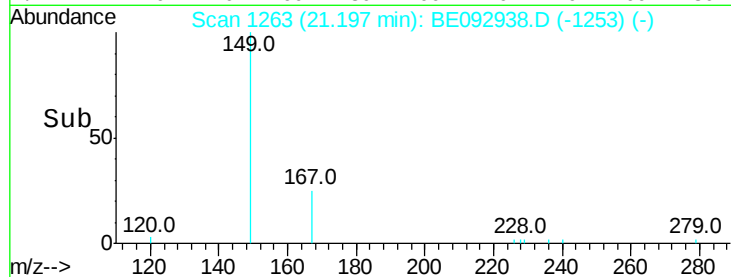
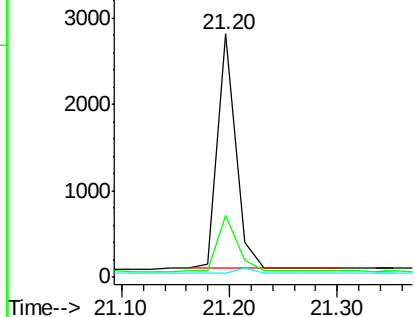
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 1.19 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092938.D
 Acq: 5 May 2017 20:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3218
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.9 31.3
 279 2.6 0.0 0.0#

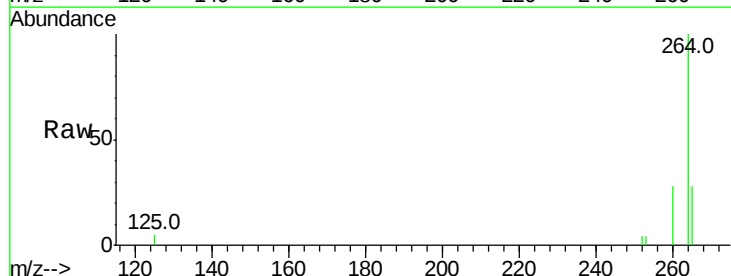


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092938.D
 Acq: 5 May 2017 20:25

Tgt Ion:264 Resp: 3519
 Ion Ratio Lower Upper
 264 100
 260 27.9 23.5 35.3
 265 27.6 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

