

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092941.D
 Acq On : 5 May 2017 22:15
 Operator : SJ/MA
 Sample : I2893-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 01:49:38 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

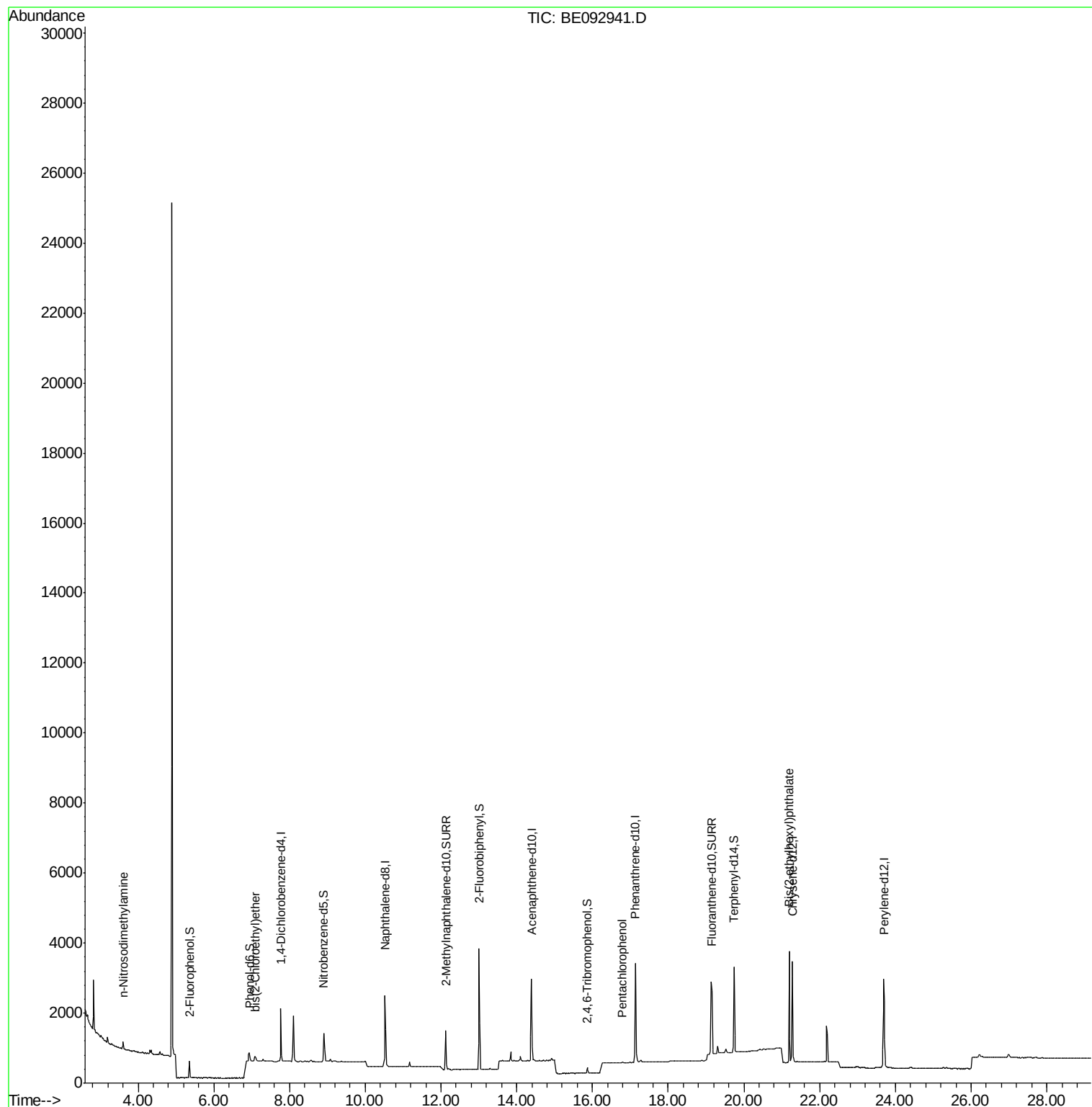
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	746	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2978	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1389	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3735	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4207	0.40	ng	0.00
33) Perylene-d12	23.69	264	3746	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	340	0.20	ng	0.00
5) Phenol-d6	6.95	99	285	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	839	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1783	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	105	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3066	0.48	ng	0.00
24) Fluoranthene-d10	19.15	212	3896	0.45	ng	0.00
28) Terphenyl-d14	19.73	244	2934	0.40	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.61	42	24	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	339	0.12	ng	# 26
21) Pentachlorophenol	16.79	266	12	0.18	ng	97
31) Bis(2-ethylhexyl)phthalate	21.20	149	3241	1.20	ng	# 96

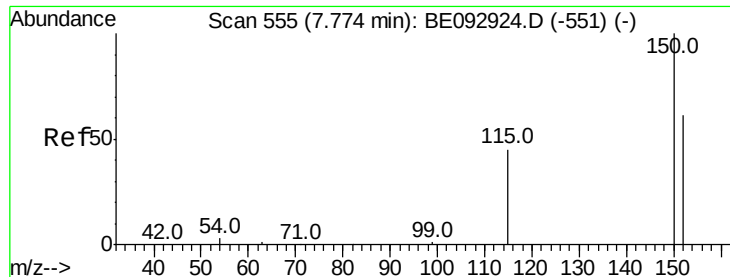
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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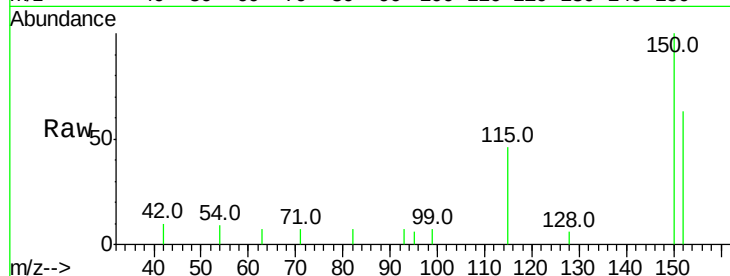


#1

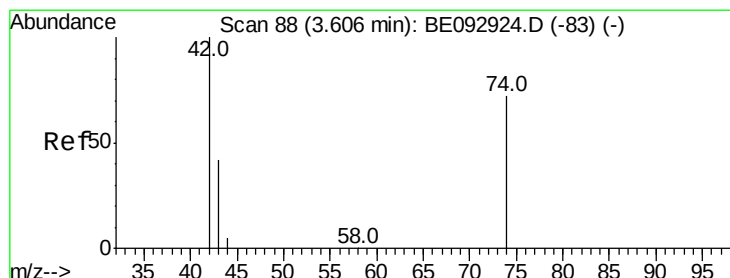
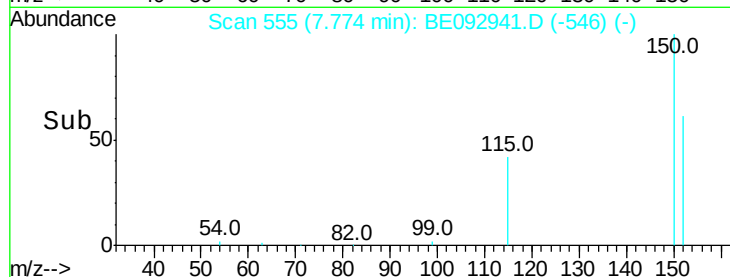
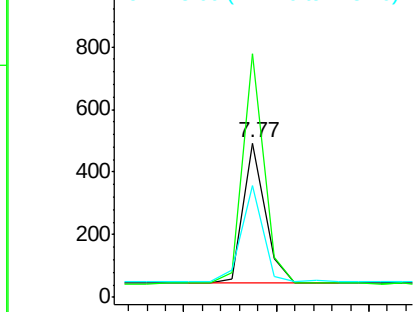
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092941.D
Acq: 5 May 2017 22:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 746
Ion Ratio Lower Upper
152 100
150 157.9 129.9 194.9
115 72.6 62.6 93.8



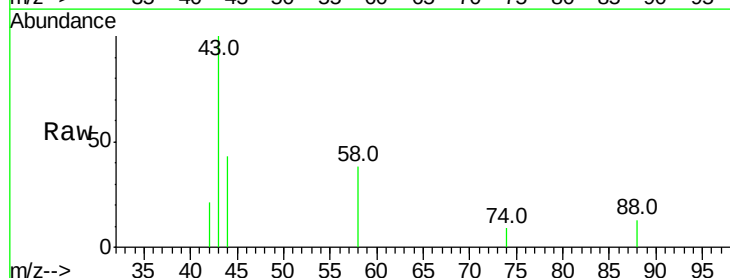
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



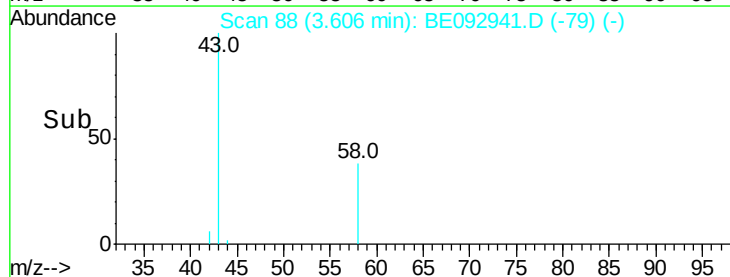
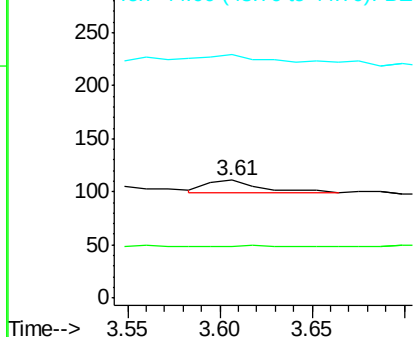
#3

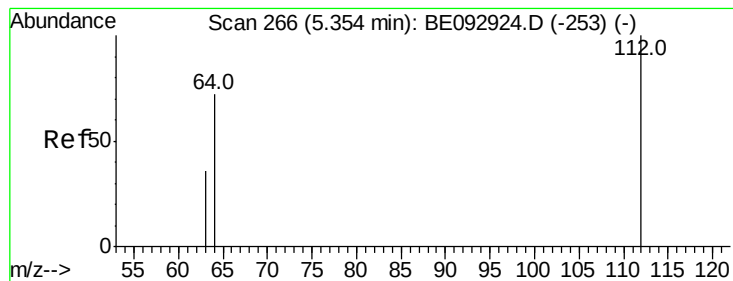
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092941.D
Acq: 5 May 2017 22:15

Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 4.2 106.6 160.0#
44 91.7 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: 0.20 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

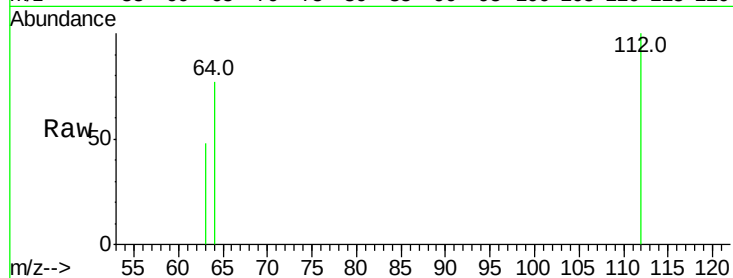
Tot Ion:112 Resp: 340

Ion Ratio Lower Upper

112 100

64 69.7 52.6 79.0

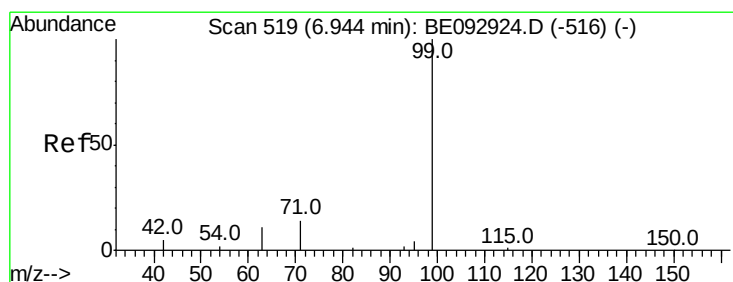
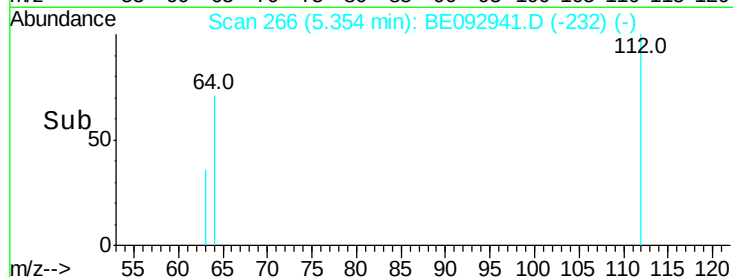
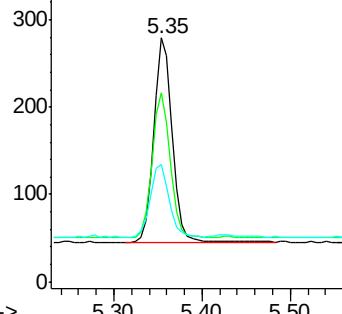
63 36.8 29.0 43.4



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: 0.12 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

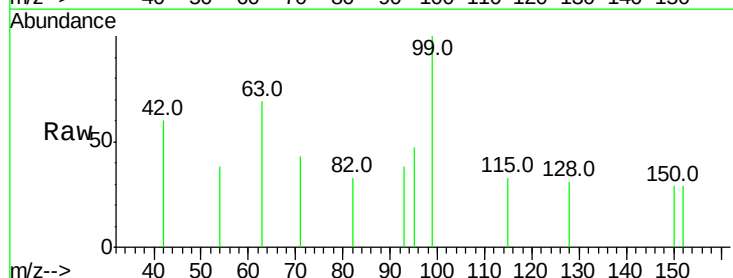
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

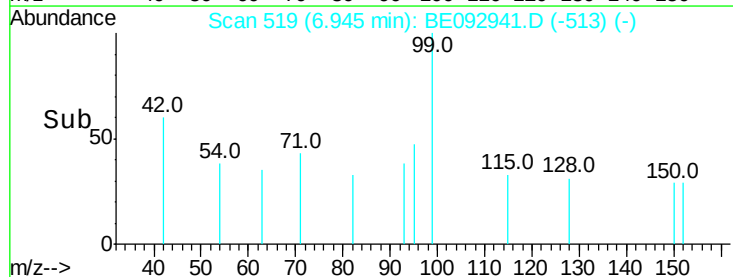
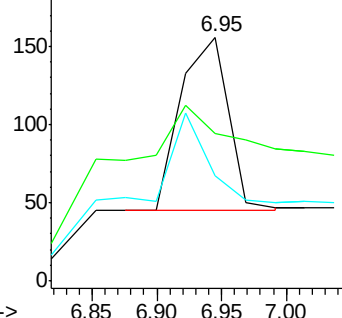
71 0.0 0.0 0.0

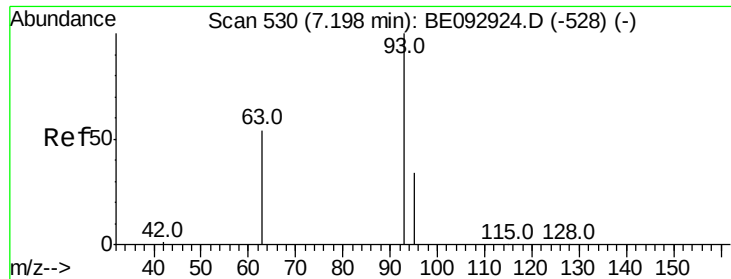


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 7.08 min Scan# 525

Delta R.T. -0.11 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampled :

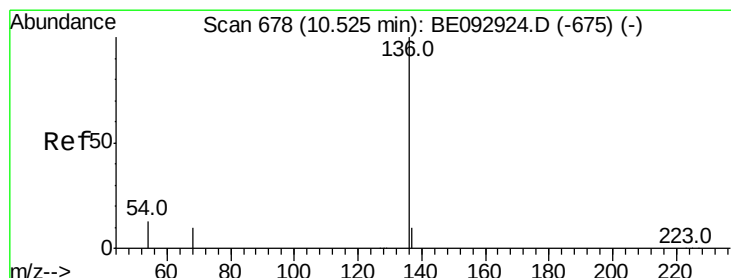
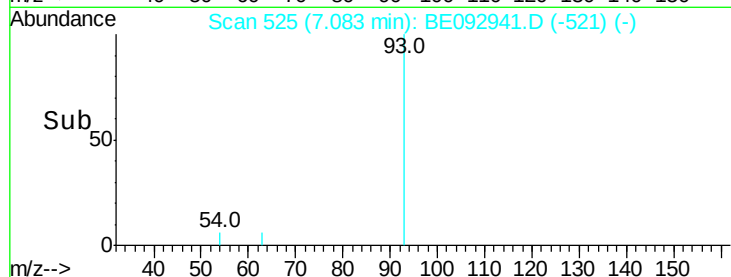
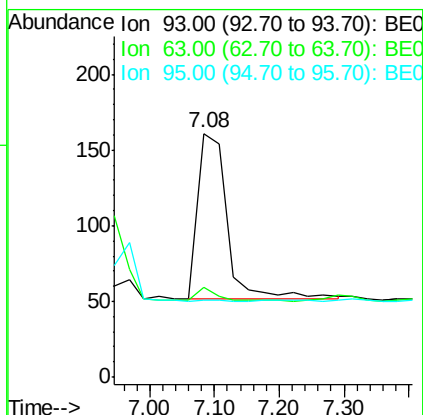
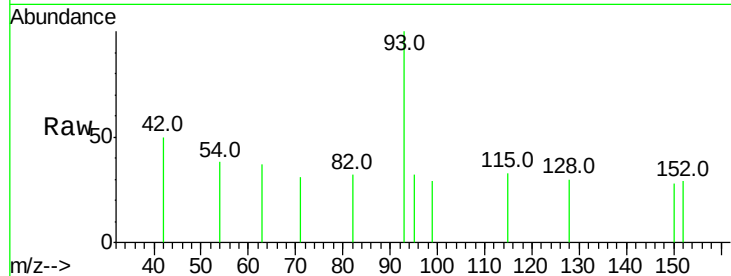
Tot Ion: 93 Resp: 339

Ion Ratio Lower Upper

93 100

63 6.5 61.2 91.8#

95 0.9 25.5 38.3#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Tgt Ion: 136 Resp: 2978

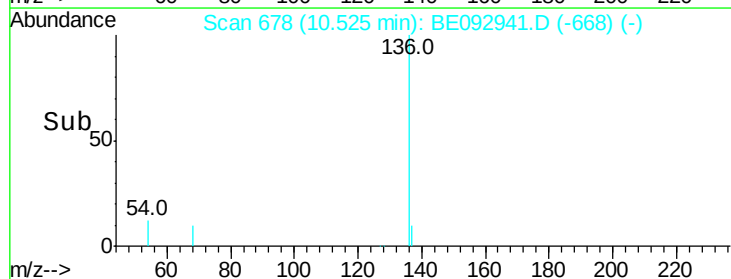
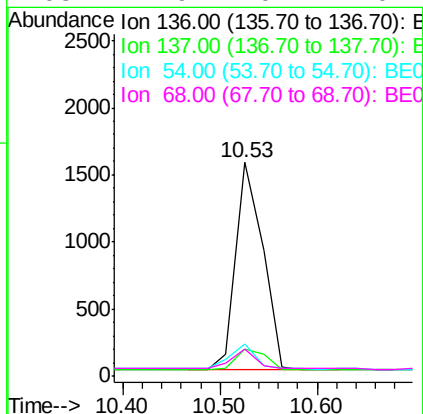
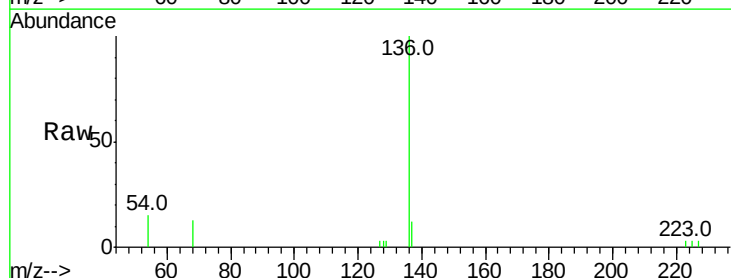
Ion Ratio Lower Upper

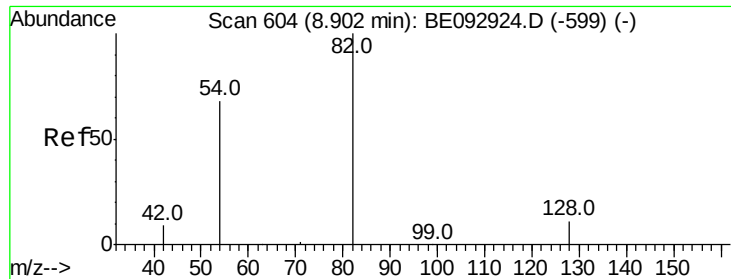
136 100

137 12.4 10.4 15.6

54 14.9 12.6 18.8

68 12.9 10.7 16.1





#8

Nitrobenzene-d5

Concen: 0.42 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

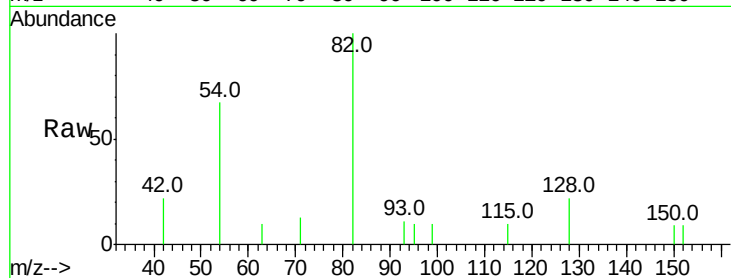
Tot Ion: 82 Resp: 839

Ion Ratio Lower Upper

82 100

128 22.0 35.3 52.9#

54 67.4 65.1 97.7

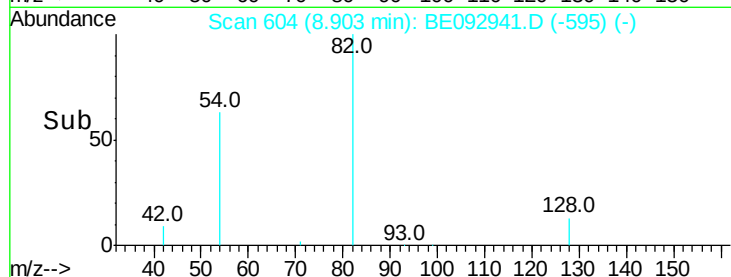


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

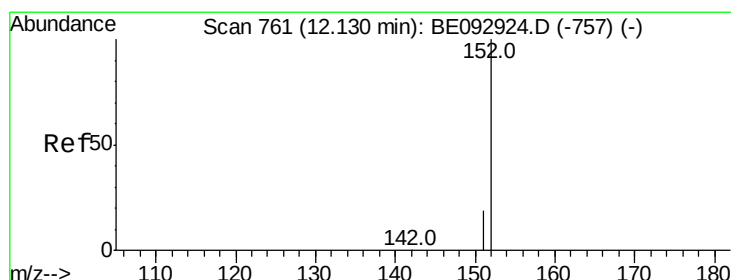
Ion 54.00 (53.70 to 54.70): BE0

Time-->



Abundance

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092941.D

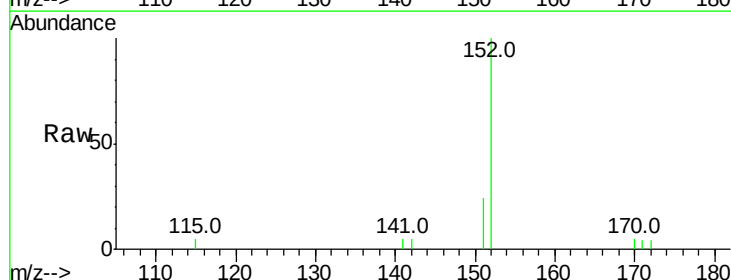
Acq: 5 May 2017 22:15

Tgt Ion: 152 Resp: 1783

Ion Ratio Lower Upper

152 100

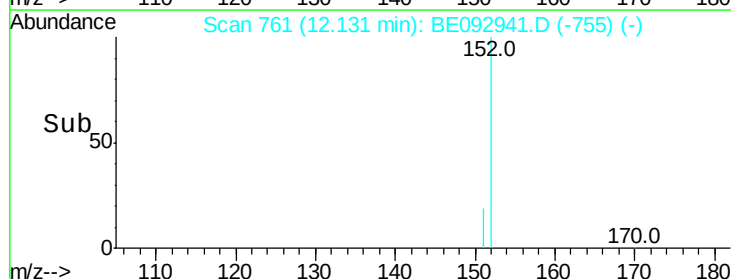
151 19.1 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

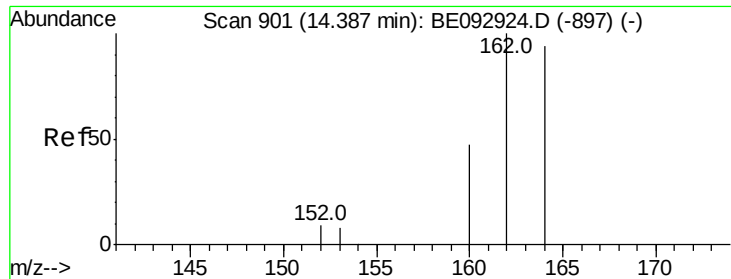
Ion 151.00 (150.70 to 151.70): E

Time-->



Abundance

Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

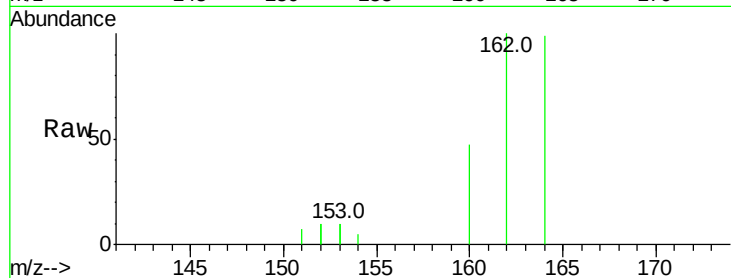
Tot Ion:164 Resp: 1389

Ion Ratio Lower Upper

164 100

162 101.2 86.6 130.0

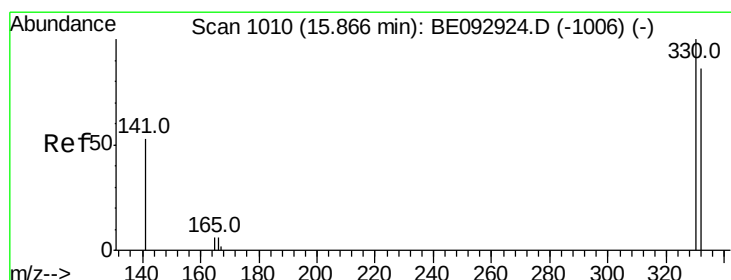
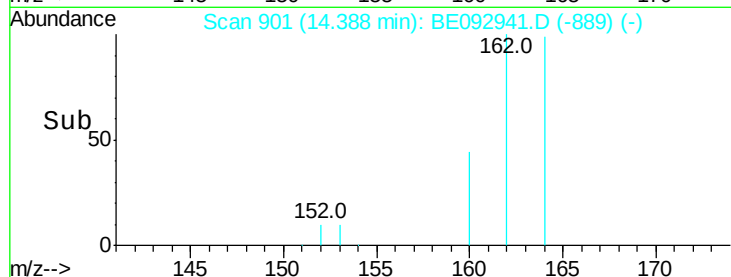
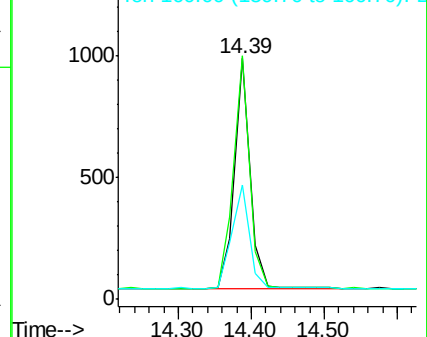
160 47.5 44.5 66.7



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: 0.48 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

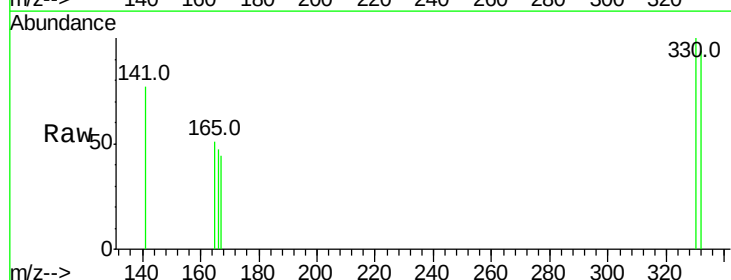
Tgt Ion:330 Resp: 105

Ion Ratio Lower Upper

330 100

332 94.3 69.1 103.7

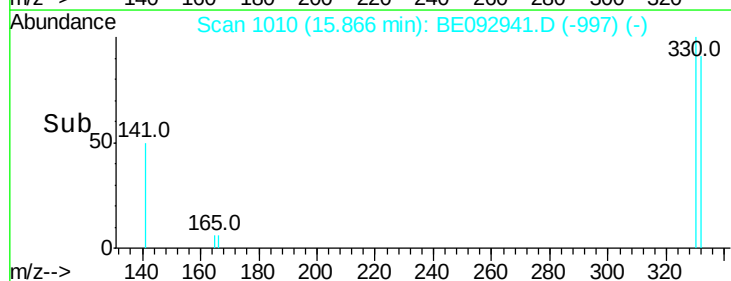
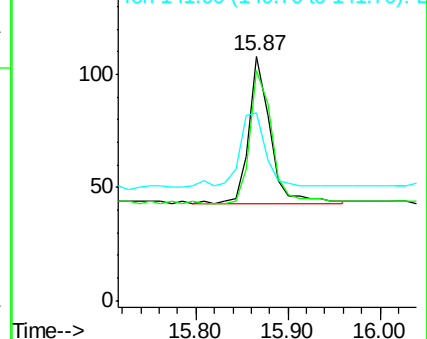
141 65.7 54.6 81.8

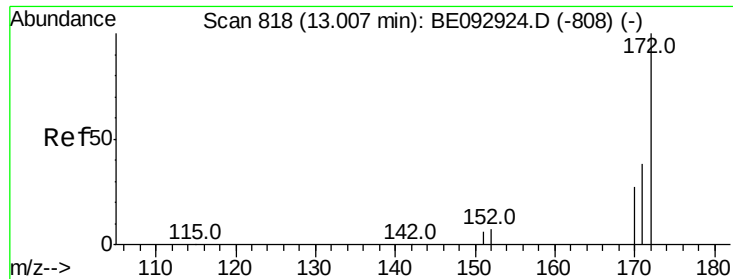


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

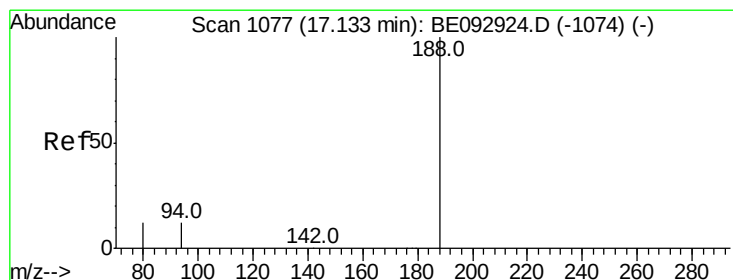
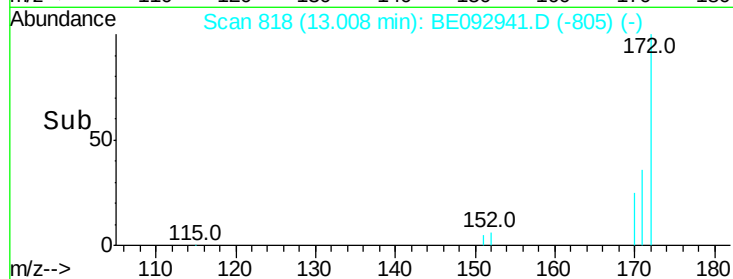
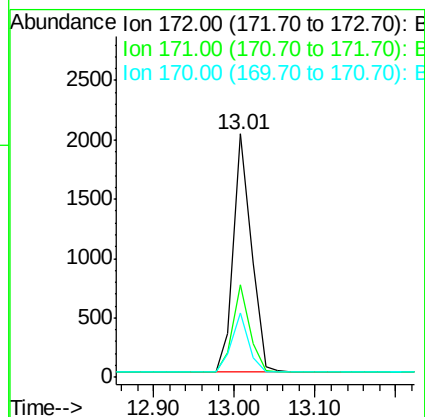
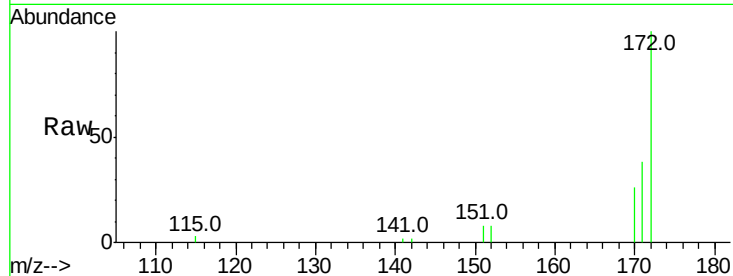




#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092941.D
Acq: 5 May 2017 22:15

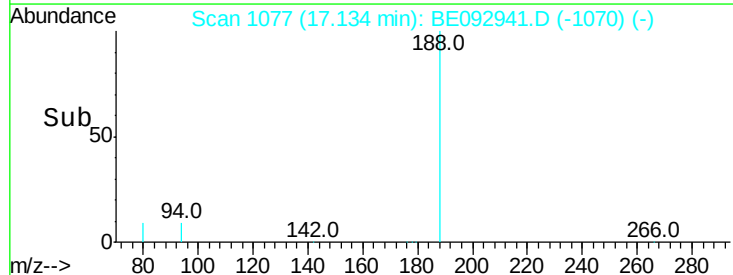
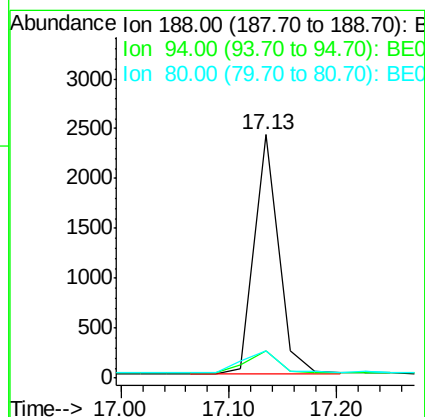
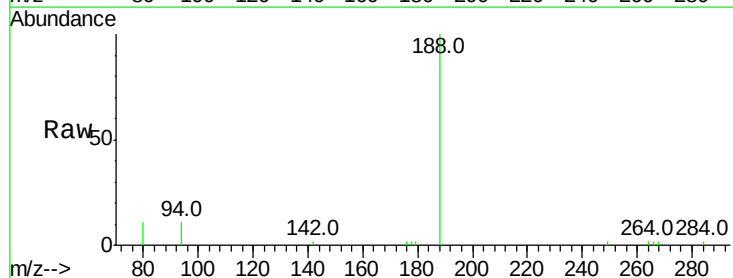
Instrument :
BNA_E
ClientSampleId :

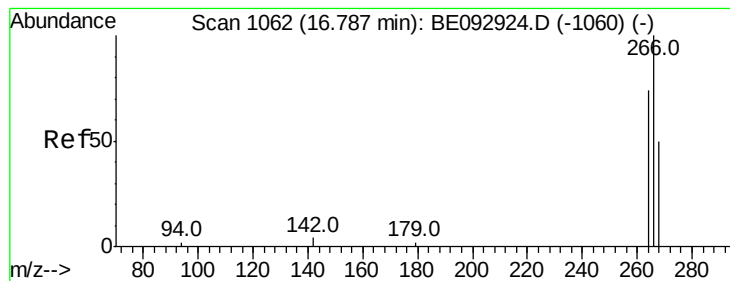
Tot Ion:172 Resp: 3066
Ion Ratio Lower Upper
172 100
171 37.8 35.8 53.6
170 26.4 28.5 42.7#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092941.D
Acq: 5 May 2017 22:15

Tgt Ion:188 Resp: 3735
Ion Ratio Lower Upper
188 100
94 11.1 10.2 15.4
80 11.1 10.6 15.8





#21

Pentachlorophenol

Concen: 0.18 ng

RT: 16.79 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

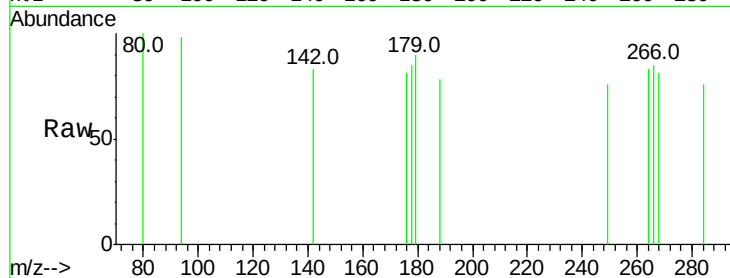
Tot Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 98.0 75.4 113.2

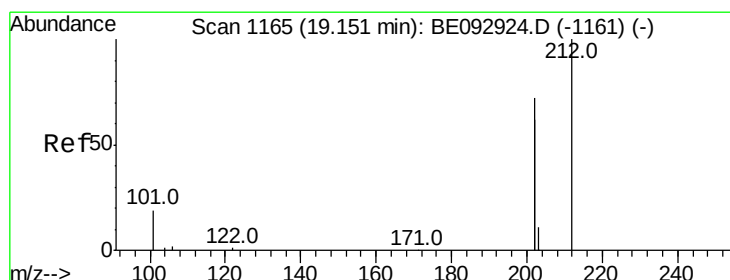
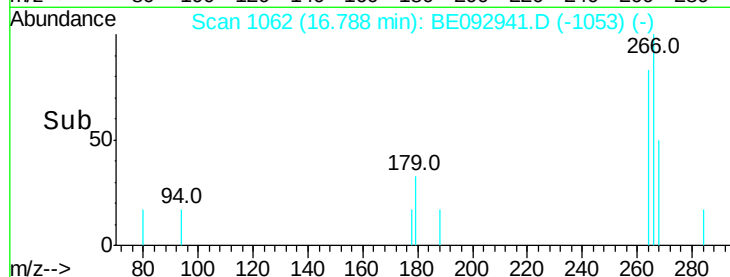
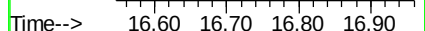
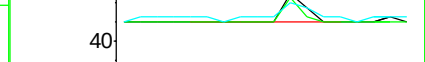
268 96.0 75.4 113.2



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



#24

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

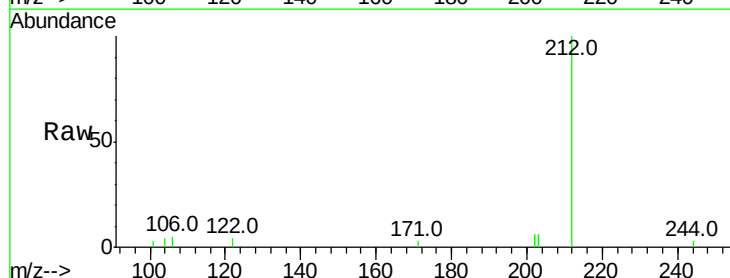
Tgt Ion:212 Resp: 3896

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

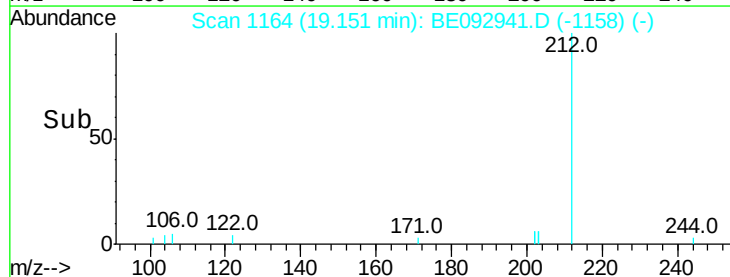
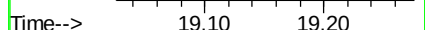
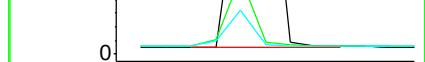
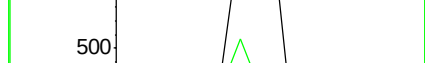
104 0.0 0.0 0.0

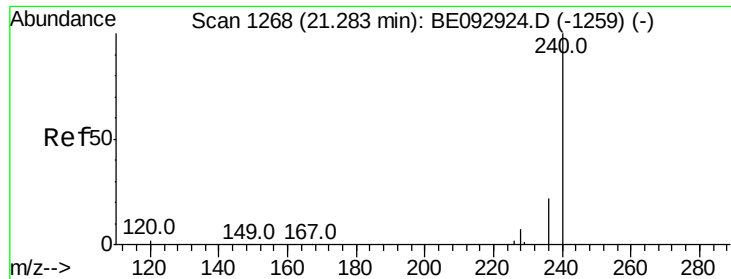


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

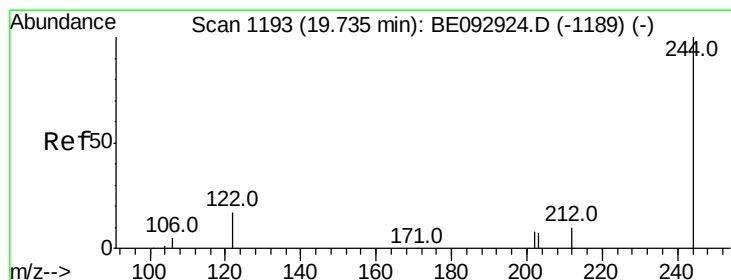
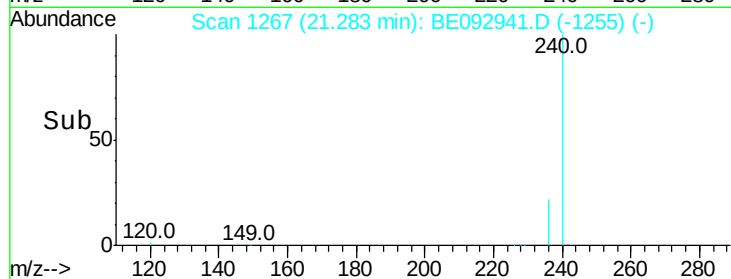
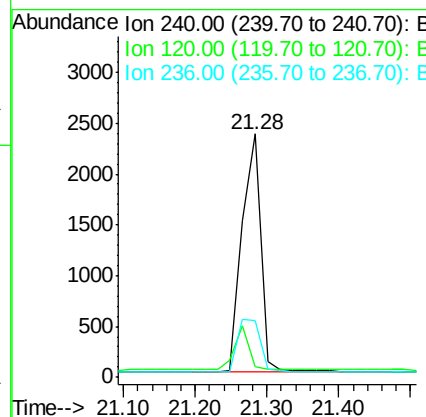
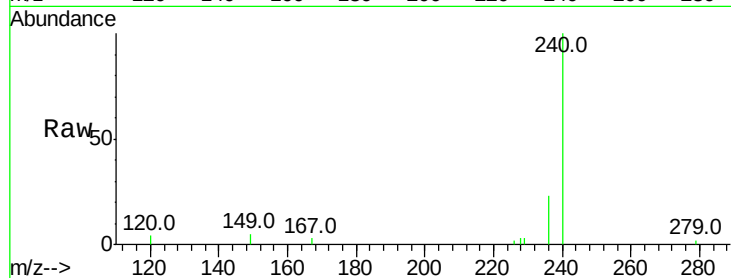




#26
 Chrvsene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

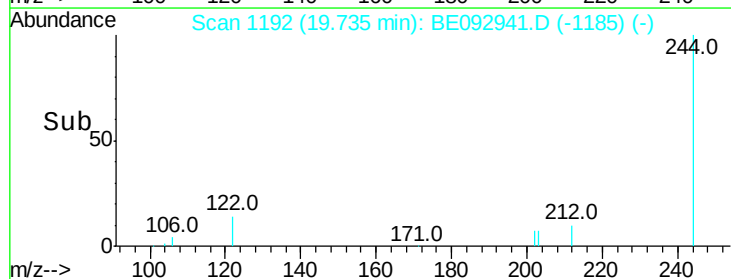
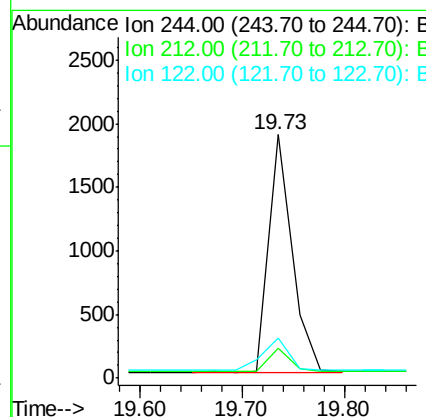
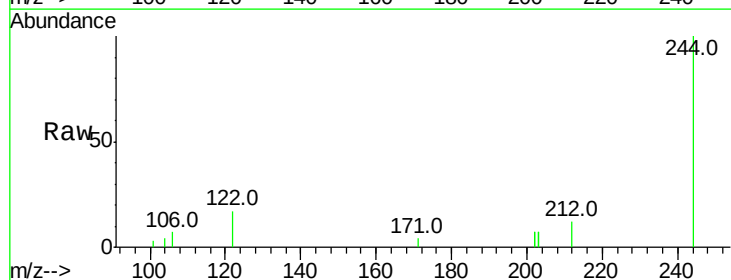
Instrument :
 BNA_E
 ClientSampleId :

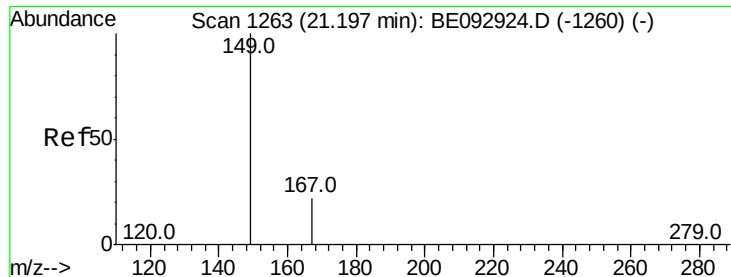
Tot Ion:240 Resp: 4207
 Ion Ratio Lower Upper
 240 100
 120 4.4 4.6 6.8#
 236 23.2 19.8 29.8



#28
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.73 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

Tgt Ion:244 Resp: 2934
 Ion Ratio Lower Upper
 244 100
 212 12.1 18.4 27.6#
 122 16.6 23.3 34.9#

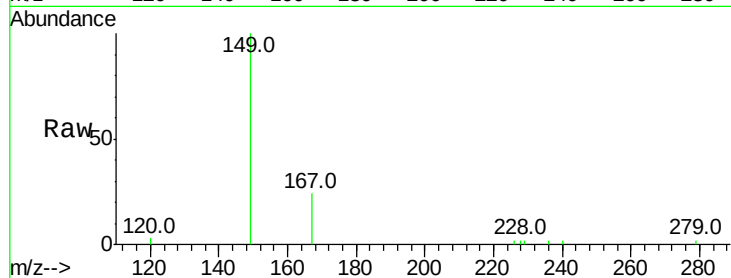




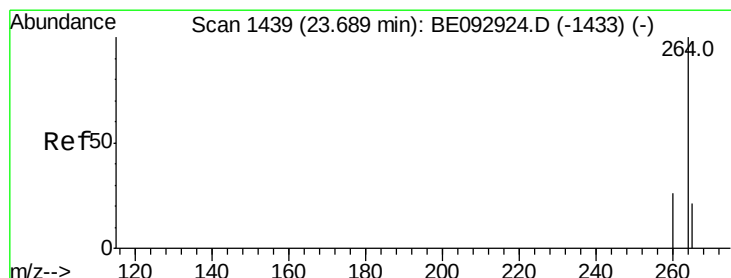
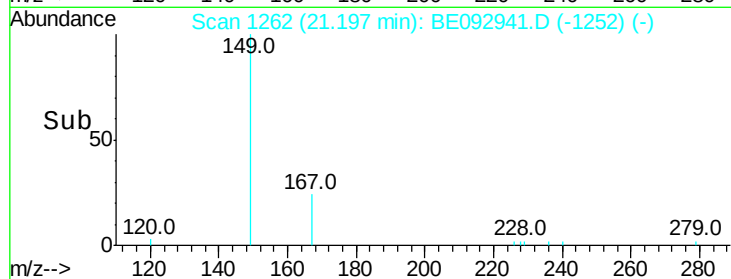
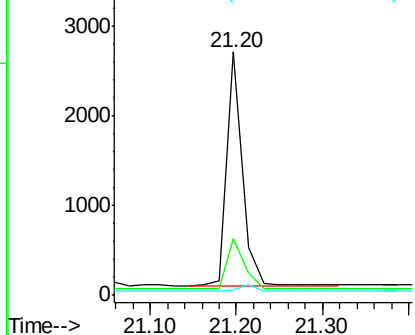
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 1.20 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3241
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.9 31.3
 279 2.7 0.0 0.0#

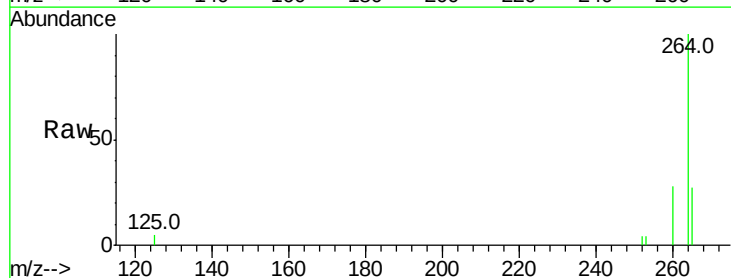


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

Tgt Ion:264 Resp: 3746
 Ion Ratio Lower Upper
 264 100
 260 27.5 23.5 35.3
 265 27.1 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

