

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092954.D
 Acq On : 6 May 2017 6:22
 Operator : SJ/MA
 Sample : I2893-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3071-PA2

Quant Time: May 08 04:39:58 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

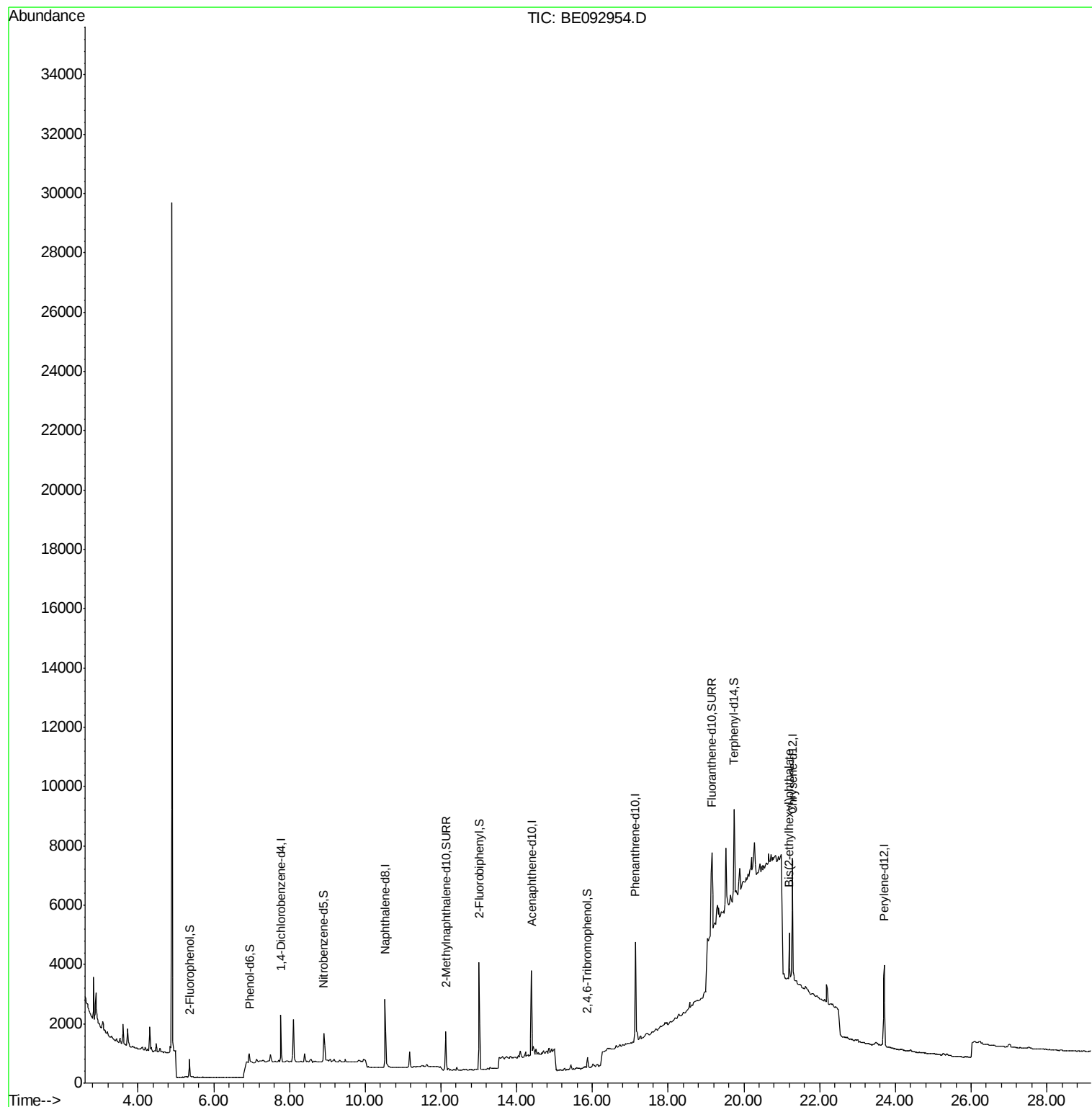
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	774	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3379	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1676	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4397	0.40	ng	0.00
26) Chrysene-d12	21.28	240	5046	0.40	ng	0.00
33) Perylene-d12	23.70	264	4000	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	439	0.25	ng	0.00
5) Phenol-d6	6.94	99	383	0.16	ng	0.00
8) Nitrobenzene-d5	8.90	82	1121	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2077	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	231	0.88	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3254	0.42	ng	0.00
24) Fluoranthene-d10	19.15	212	5091	0.50	ng	0.00
28) Terphenyl-d14	19.73	244	3439	0.39	ng	0.00
Target Compounds						Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	1809	0.56	ng	# 94

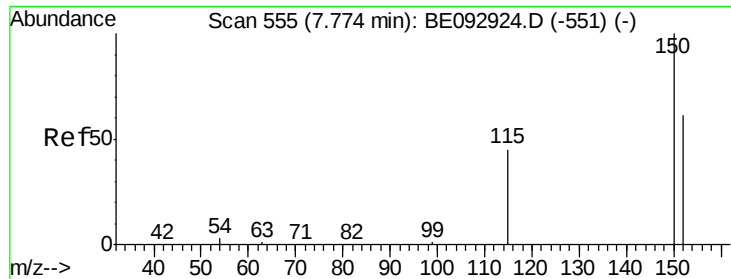
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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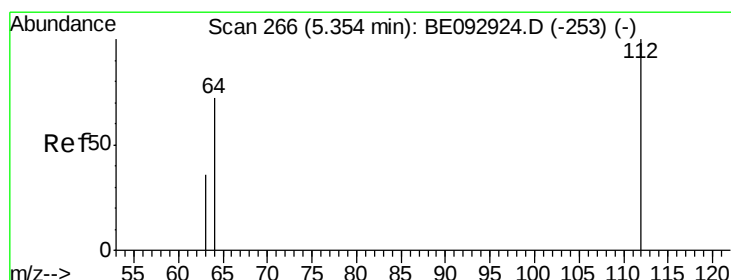
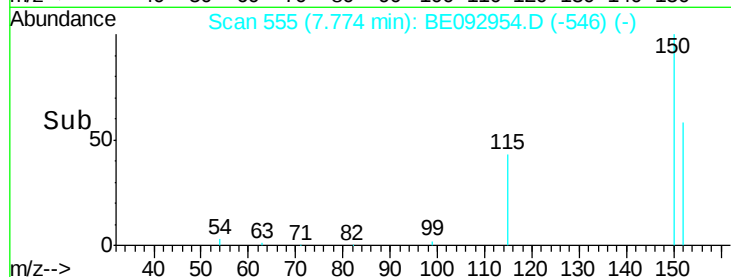
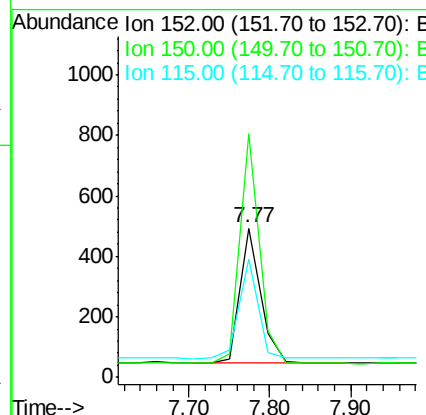
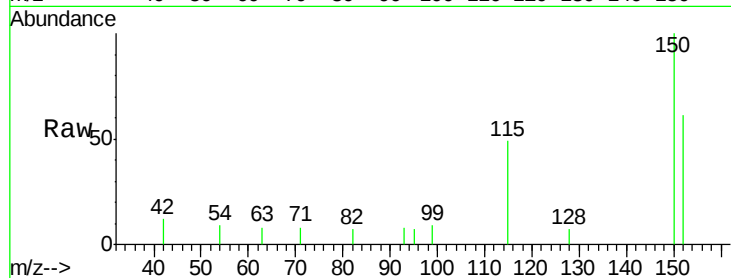




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE092954.D
 Acq: 6 May 2017 6:22

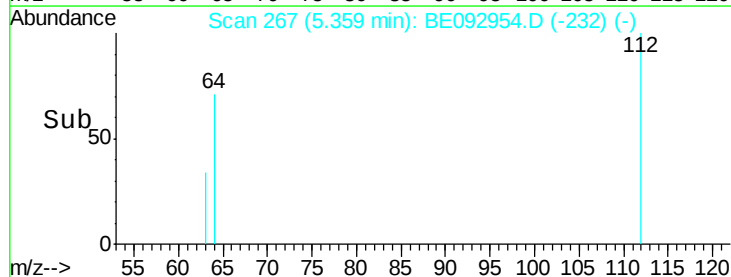
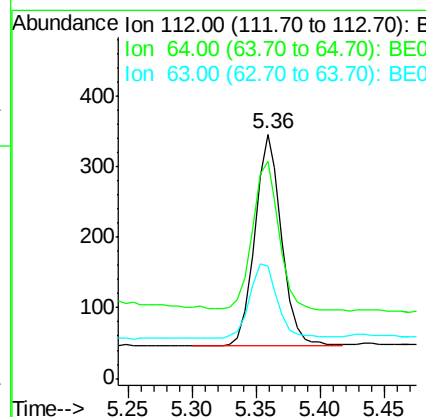
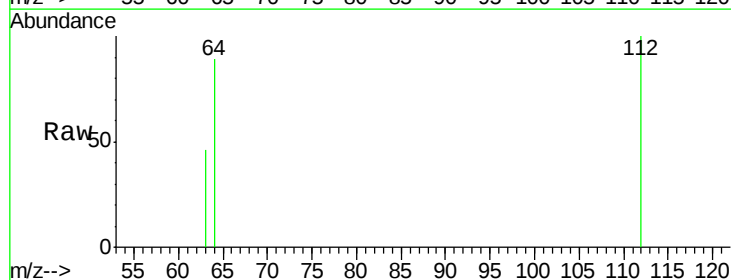
Instrument :
 BNA_E
 ClientSampled :
 3071-PA2

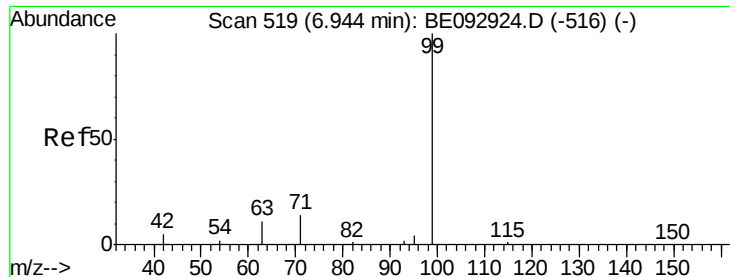
Tgt Ion:152 Resp: 774
 Ion Ratio Lower Upper
 152 100
 150 163.0 129.9 194.9
 115 79.1 62.6 93.8



#4
 2-Fluorophenol
 Concen: 0.25 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.01 min
 Lab File: BE092954.D
 Acq: 6 May 2017 6:22

Tgt Ion:112 Resp: 439
 Ion Ratio Lower Upper
 112 100
 64 69.7 52.6 79.0
 63 36.2 29.0 43.4





#5

Phenol-d6

Concen: 0.16 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

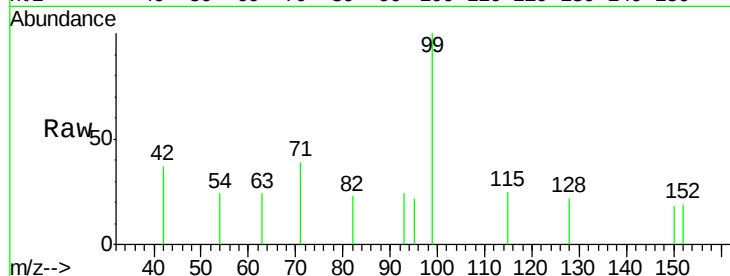
Tgt Ion: 99 Resp: 383

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

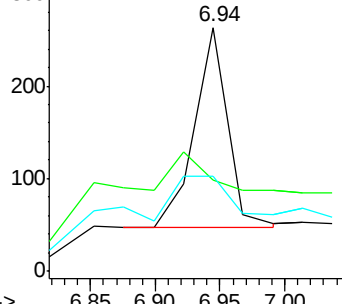
71 0.0 0.0 0.0



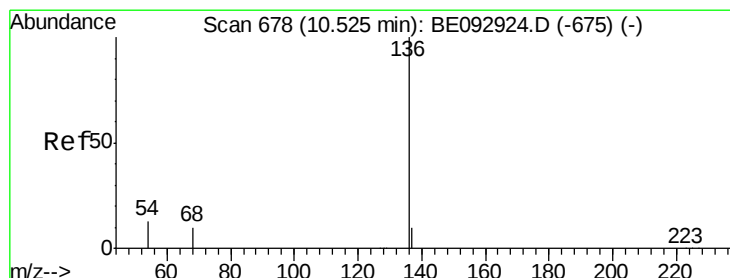
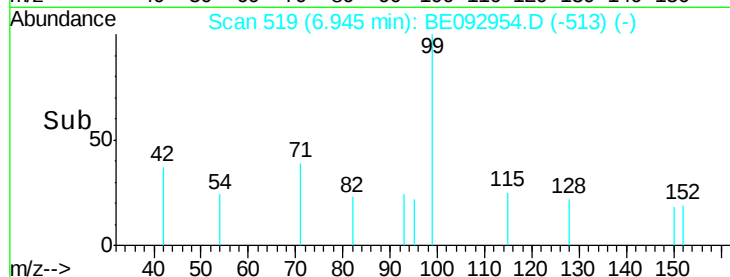
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Tgt Ion: 136 Resp: 3379

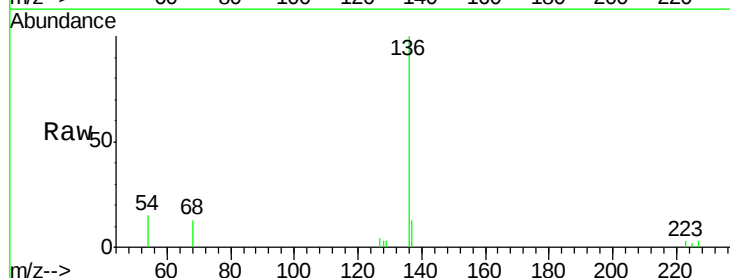
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 14.9 12.6 18.8

68 13.2 10.7 16.1

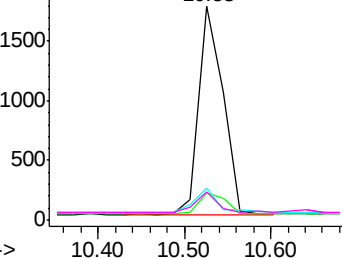


Abundance Ion 136.00 (135.70 to 136.70): E

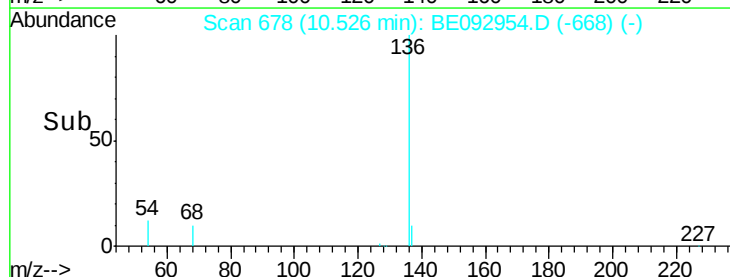
Ion 137.00 (136.70 to 137.70): E

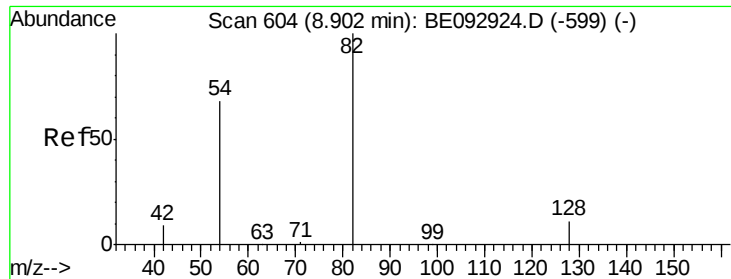
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.49 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

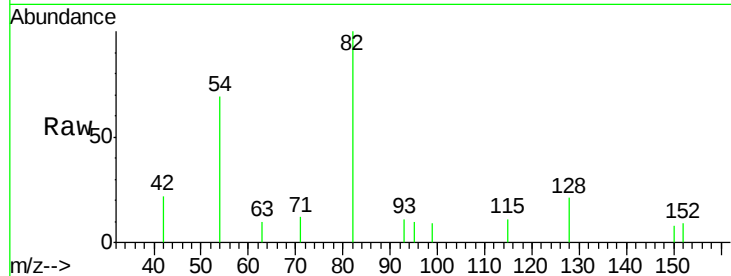
Tgt Ion: 82 Resp: 1121

Ion Ratio Lower Upper

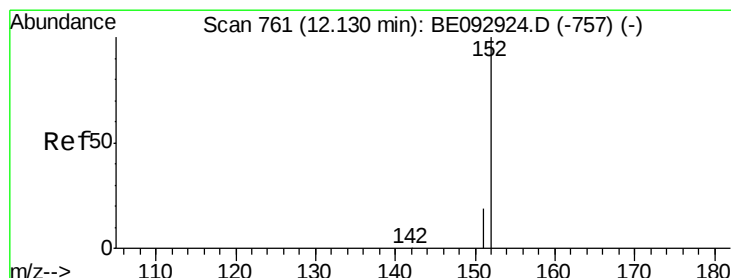
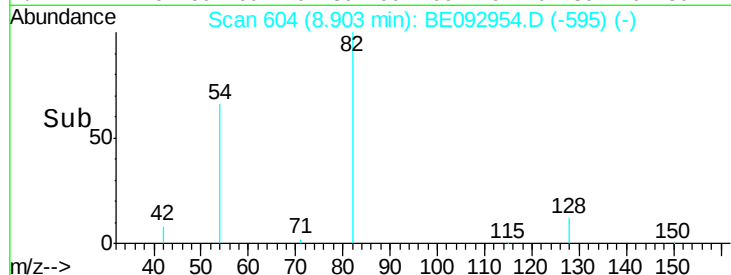
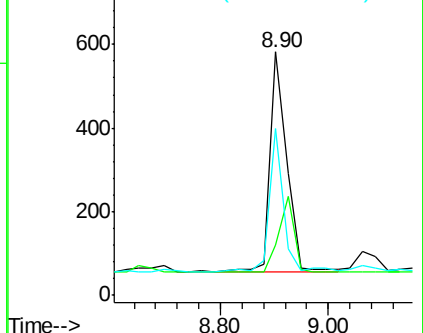
82 100

128 20.6 35.3 52.9#

54 68.7 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: 0.41 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092954.D

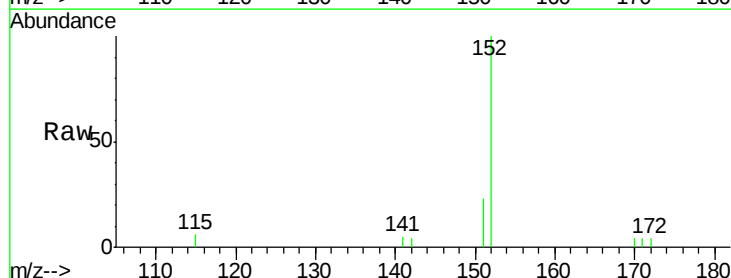
Acq: 6 May 2017 6:22

Tgt Ion: 152 Resp: 2077

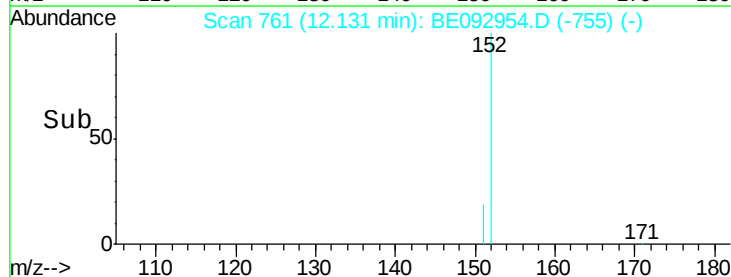
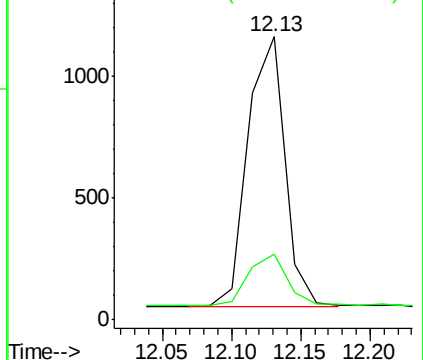
Ion Ratio Lower Upper

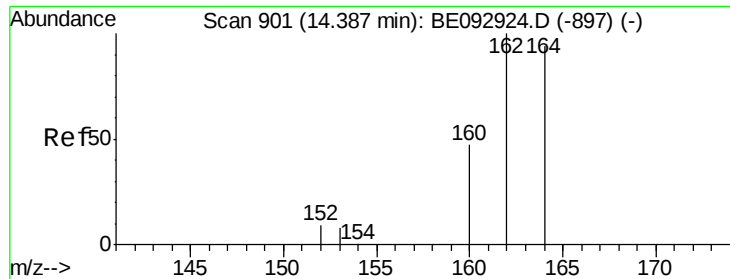
152 100

151 19.9 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: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

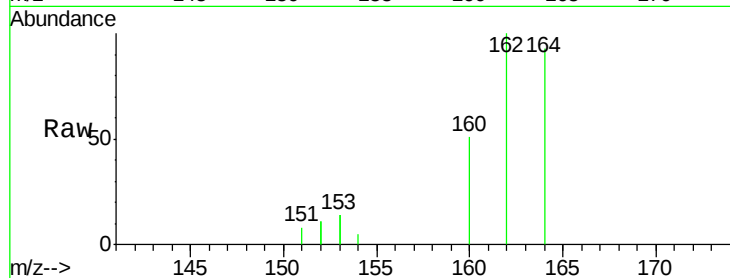
Tgt Ion:164 Resp: 1676

Ion Ratio Lower Upper

164 100

162 107.2 86.6 130.0

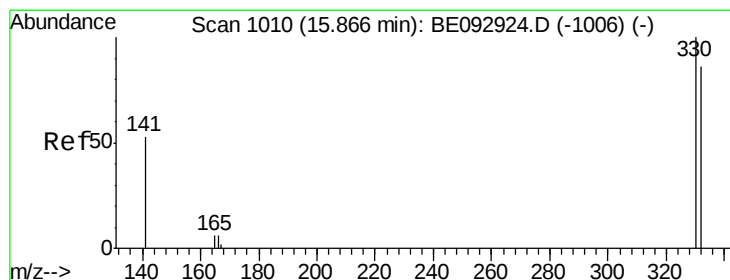
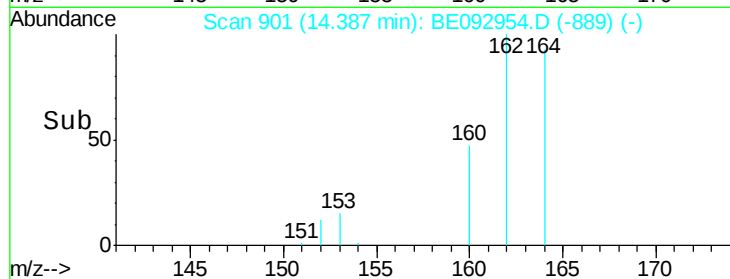
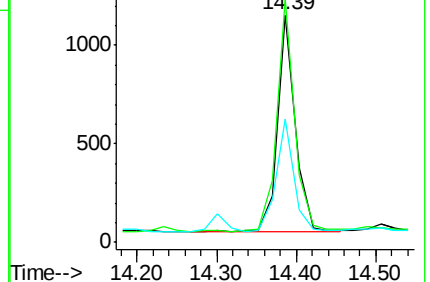
160 54.4 44.5 66.7



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: 0.88 ng

RT: 15.86 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

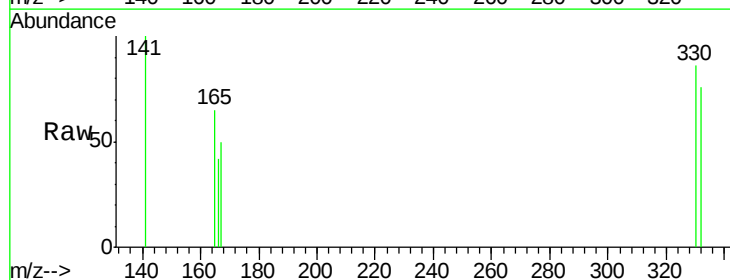
Tgt Ion:330 Resp: 231

Ion Ratio Lower Upper

330 100

332 94.8 69.1 103.7

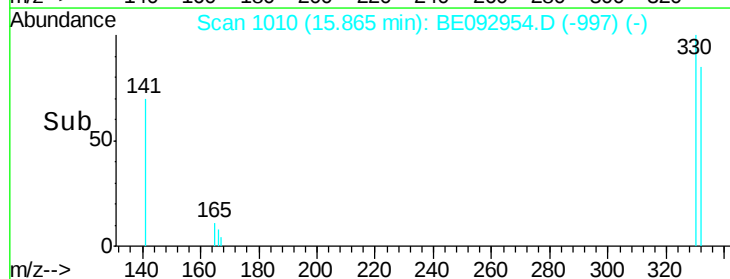
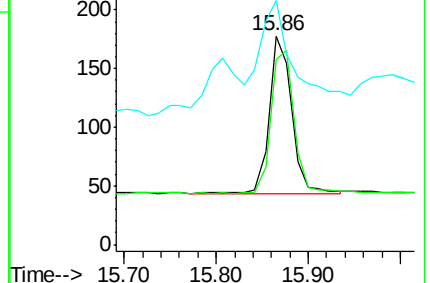
141 84.4 54.6 81.8#

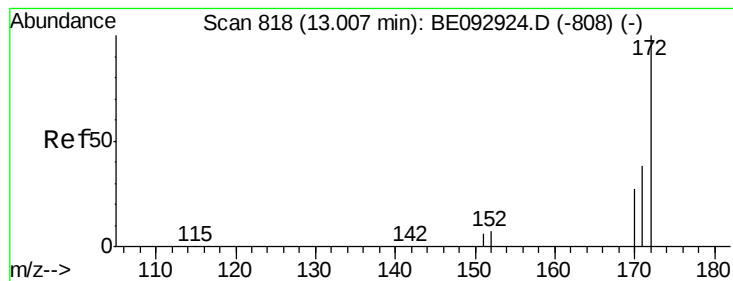


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.42 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

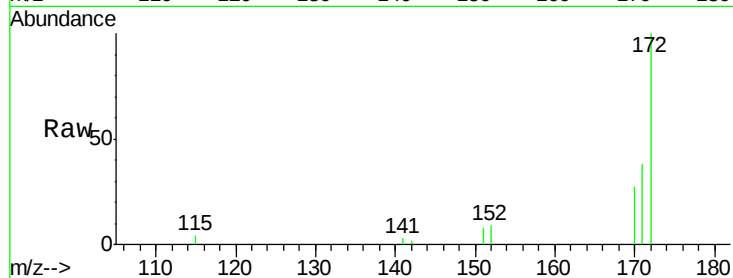
Tgt Ion:172 Resp: 3254

Ion Ratio Lower Upper

172 100

171 38.3 35.8 53.6

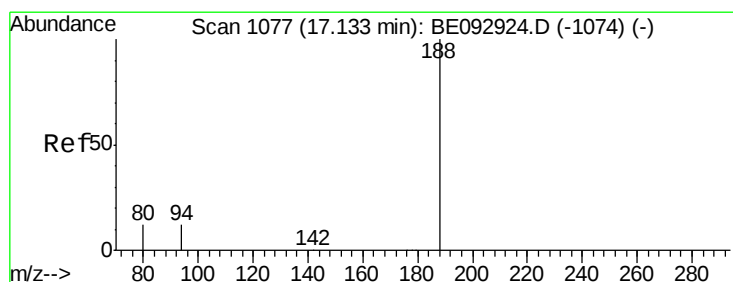
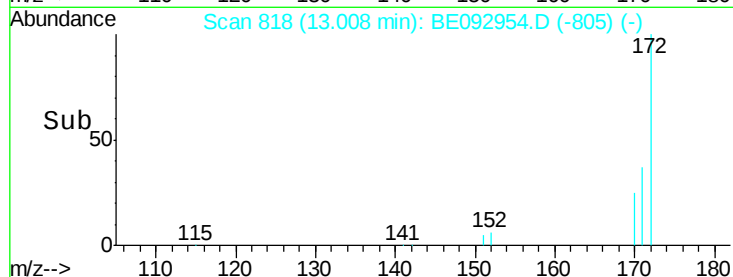
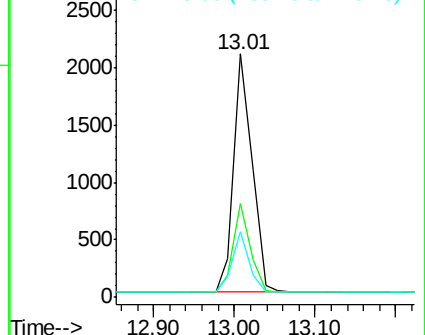
170 27.0 28.5 42.7#



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: BE092954.D

Acq: 6 May 2017 6:22

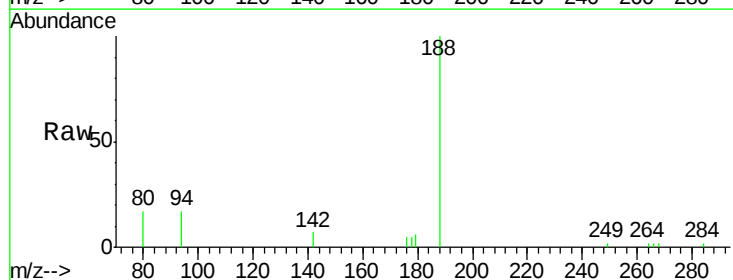
Tgt Ion:188 Resp: 4397

Ion Ratio Lower Upper

188 100

94 17.5 10.2 15.4#

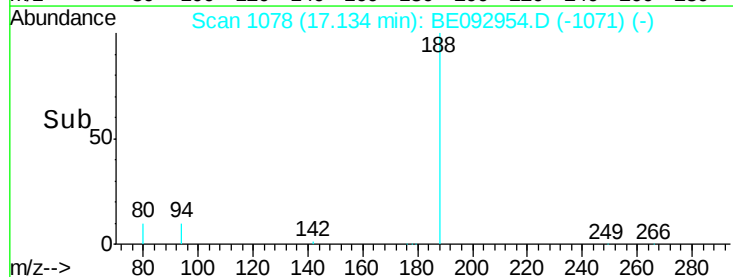
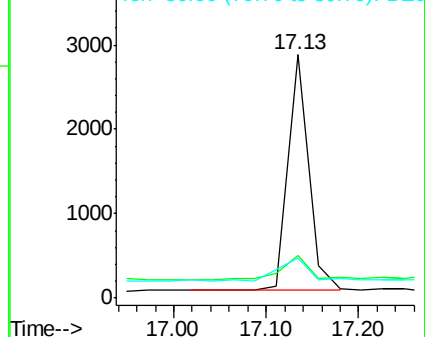
80 16.7 10.6 15.8#

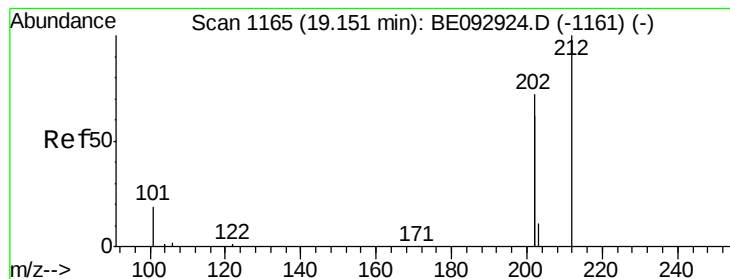


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.50 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

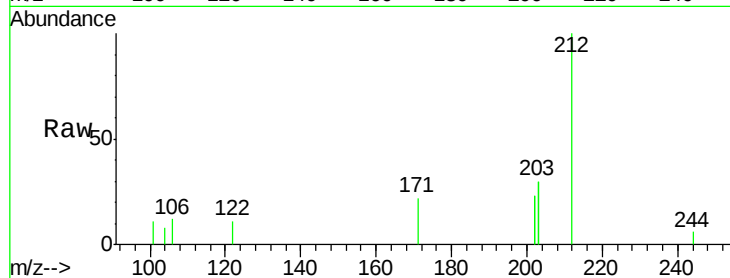
Tgt Ion:212 Resp: 5091

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

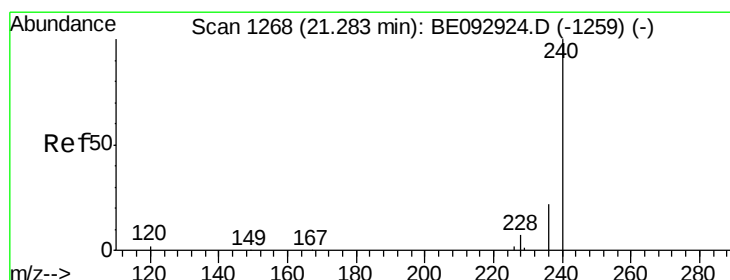
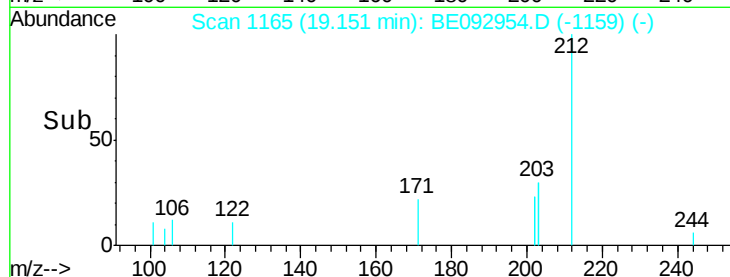
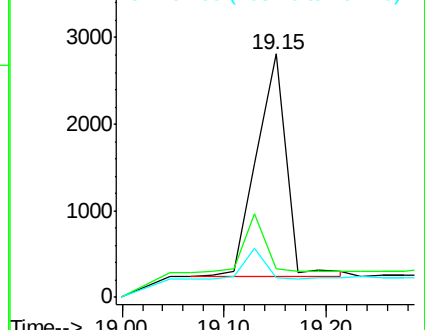
104 0.0 0.0 0.0



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

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

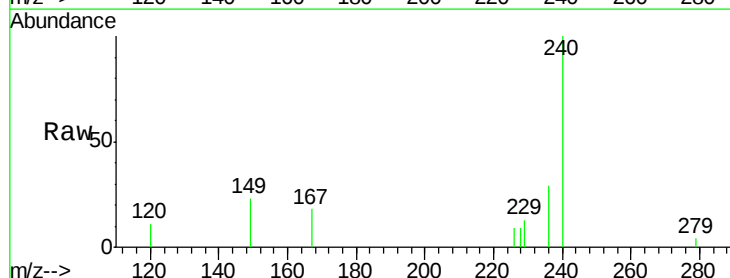
Tgt Ion:240 Resp: 5046

Ion Ratio Lower Upper

240 100

120 11.2 4.6 6.8#

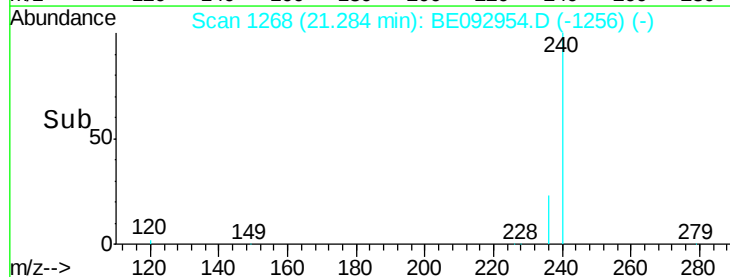
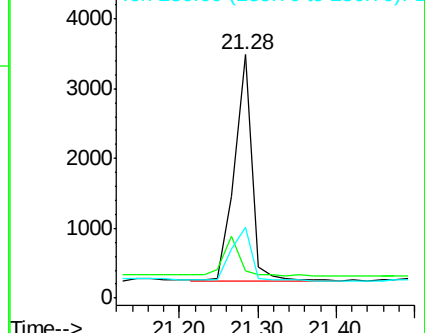
236 29.0 19.8 29.8

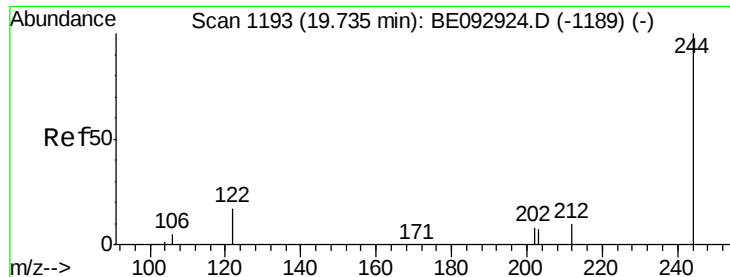


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.39 ng

RT: 19.73 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

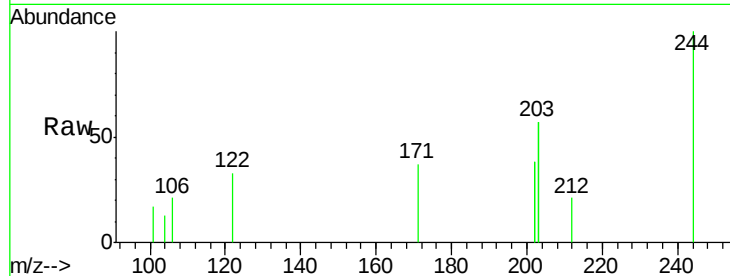
Tgt Ion:244 Resp: 3439

Ion Ratio Lower Upper

244 100

212 20.9 18.4 27.6

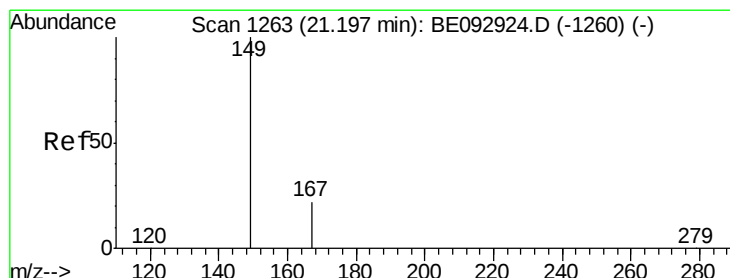
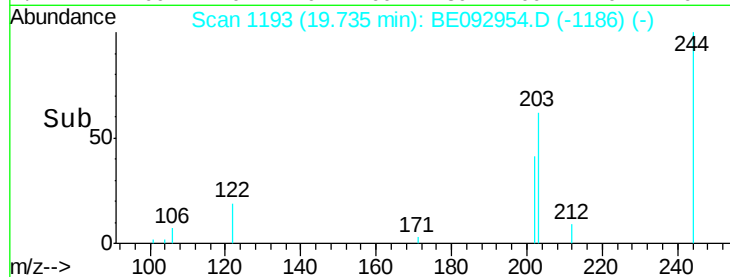
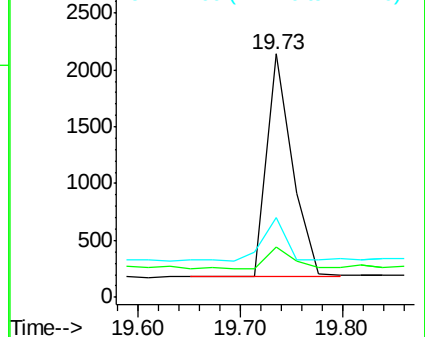
122 32.6 23.3 34.9



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: 0.56 ng

RT: 21.20 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

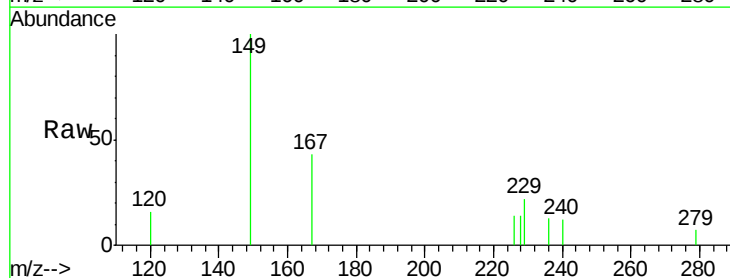
Tgt Ion:149 Resp: 1809

Ion Ratio Lower Upper

149 100

167 29.2 20.9 31.3

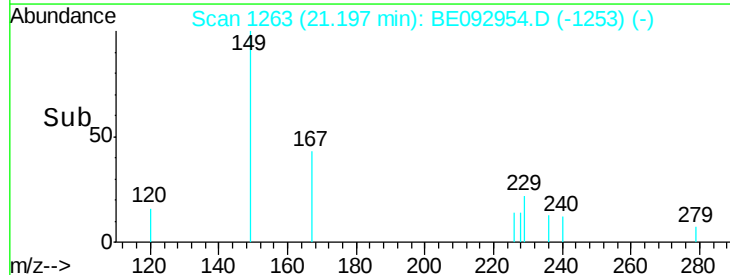
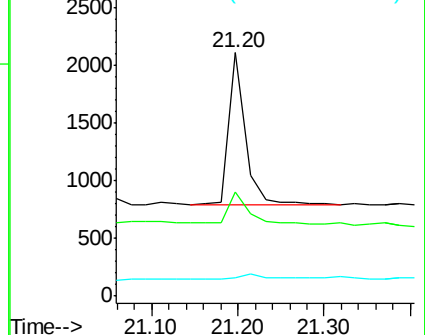
279 0.0 0.0 0.0

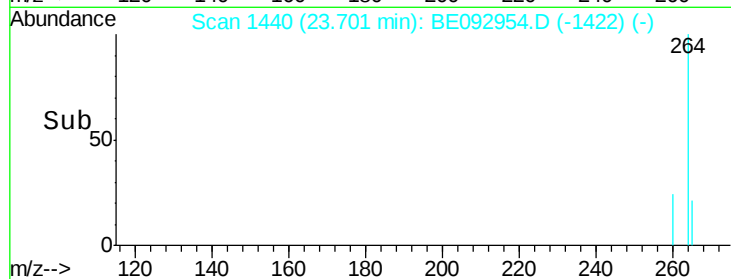
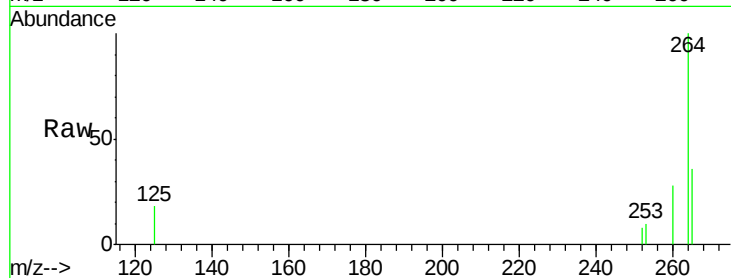
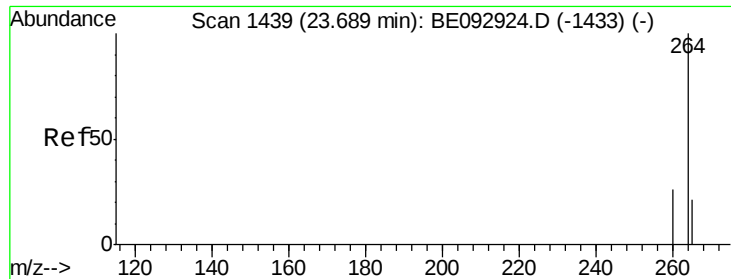


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE092954.D

Acq: 6 May 2017 6:22

Instrument :

BNA_E

ClientSampleId :

3071-PA2

Tgt Ion: 264 Resp: 4000

Ion Ratio Lower Upper

264 100

260 28.3 23.5 35.3

265 35.9 27.2 40.8

