

Data File : BE092918.D
Acq On : 27 Apr 2017 17:15
Operator : SJ/MA
Sample : I2837-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170424

Quant Time: Apr 28 04:05:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	751	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2944	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1209	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2983	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2897	0.40	ng	0.00
33) Perylene-d12	23.69	264	2642	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	39	0.02	ng	0.00
5) Phenol-d6	6.94	99	37	0.02	ng	0.00
8) Nitrobenzene-d5	8.90	82	254	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	652	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	11	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1029	0.19	ng	0.00
24) Fluoranthene-d10	19.15	212	1080	0.15	ng	0.00
28) Terphenyl-d14	19.74	244	996	0.20	ng	0.00

Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.11	93	98	0.04	ng	# 20
21) Pentachlorophenol	16.76	266	1	0.14	ng	94
31) Bis(2-ethylhexyl)phthalate	21.20	149	101	0.06	ng	# 49

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

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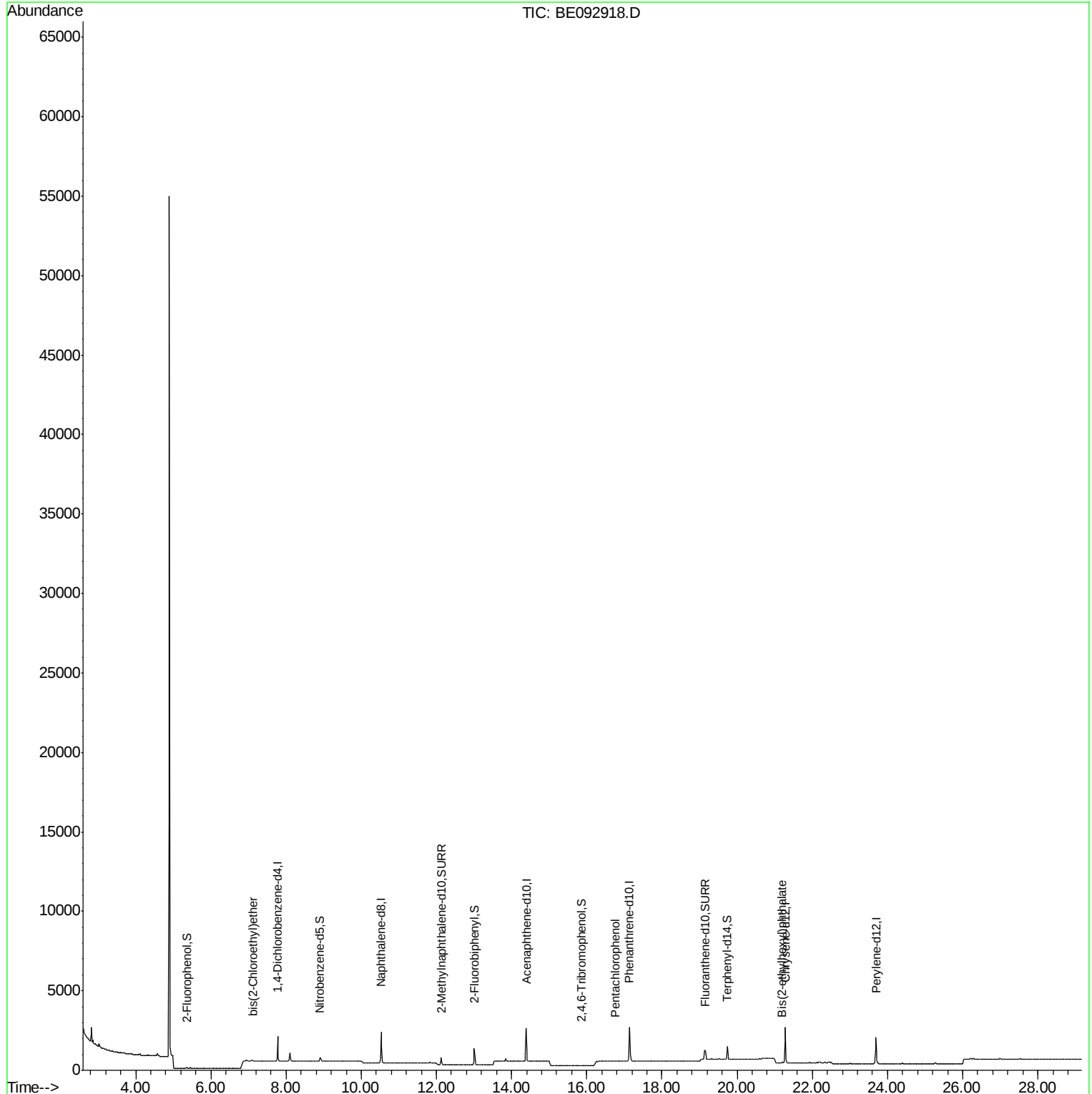
Quant Time: Apr 28 04:05:44 2017

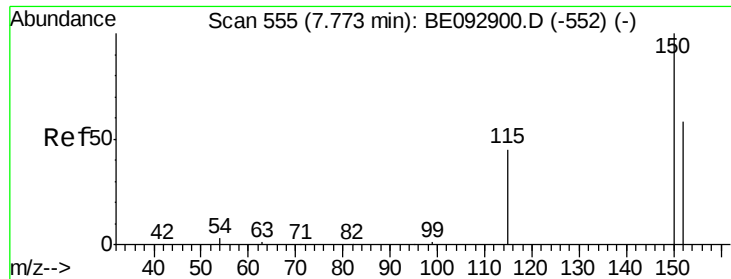
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M

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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

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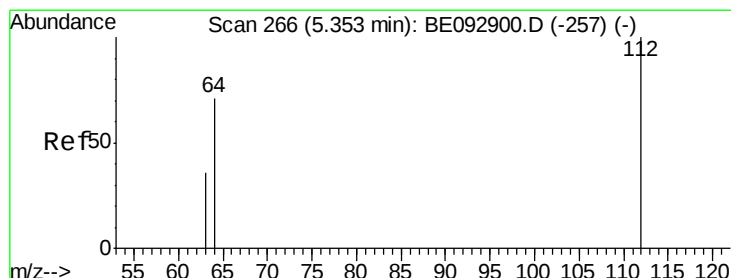
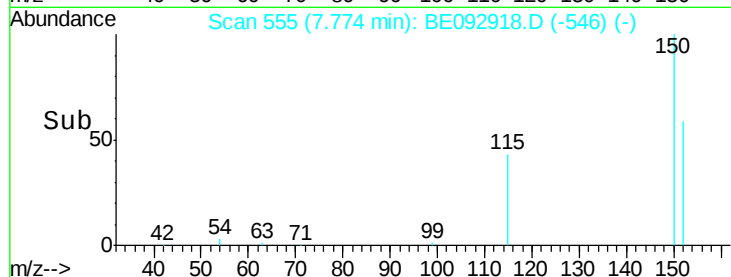
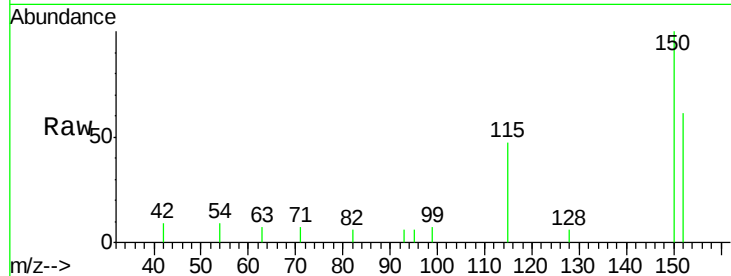
Tgt Ion:152 Resp: 751

Ion Ratio Lower Upper

152 100

150 162.9 129.9 194.9

115 77.1 62.6 93.8



#4

2-Fluorophenol

Concen: 0.02 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

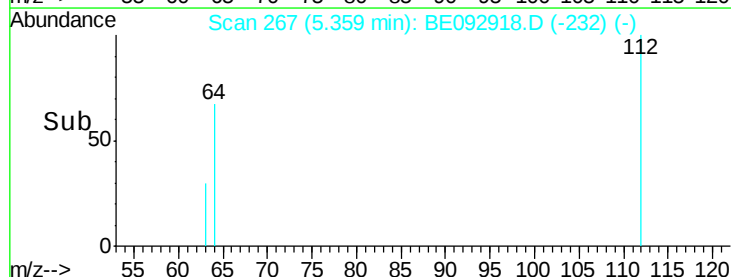
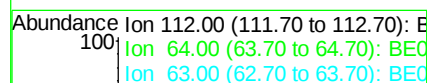
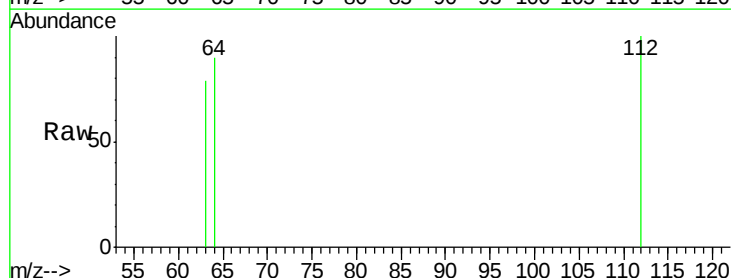
Tgt Ion:112 Resp: 39

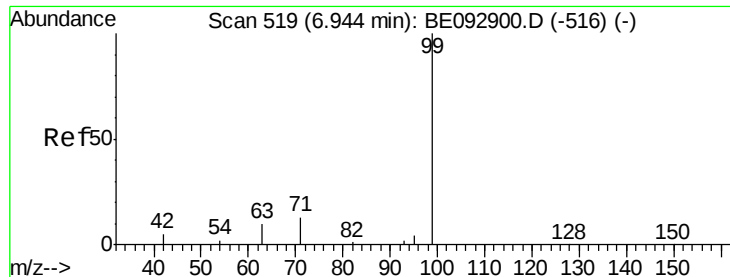
Ion Ratio Lower Upper

112 100

64 74.4 52.6 79.0

63 43.6 29.0 43.4#





#5

Phenol-d6

Concen: 0.02 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

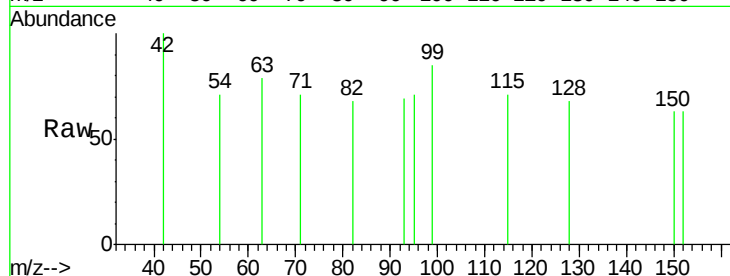
Tgt Ion: 99 Resp: 37

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

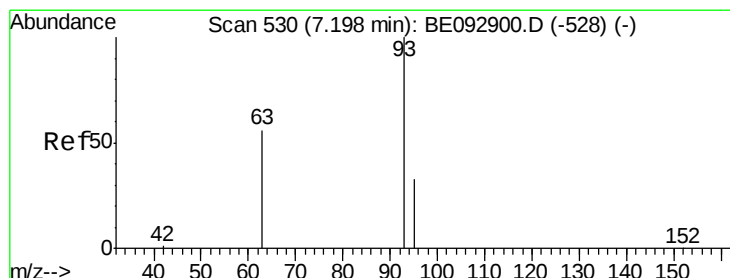
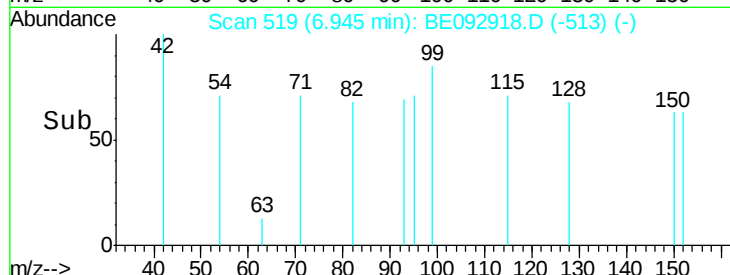
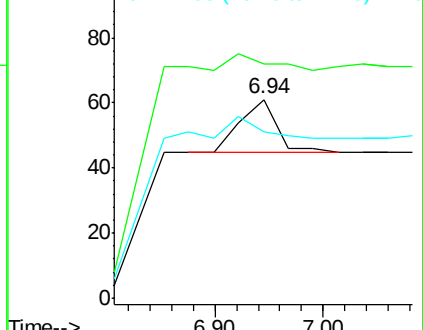
71 0.0 0.0 0.0



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: 0.04 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

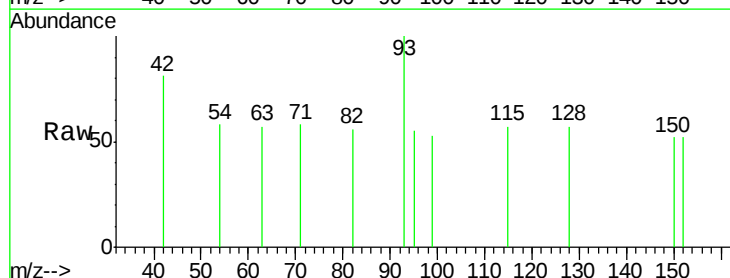
Tgt Ion: 93 Resp: 98

Ion Ratio Lower Upper

93 100

63 0.0 61.2 91.8#

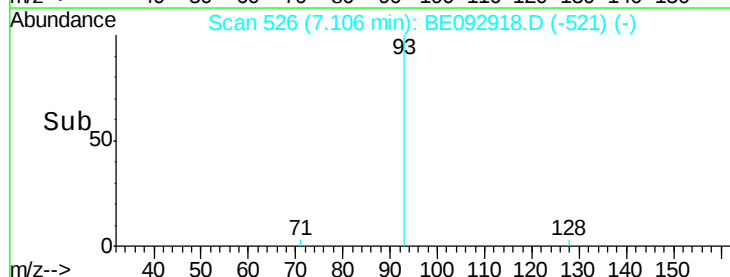
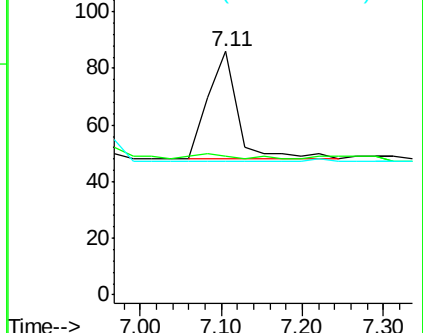
95 0.0 25.5 38.3#

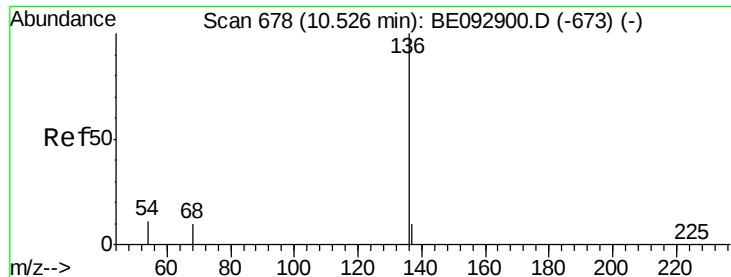


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 2944

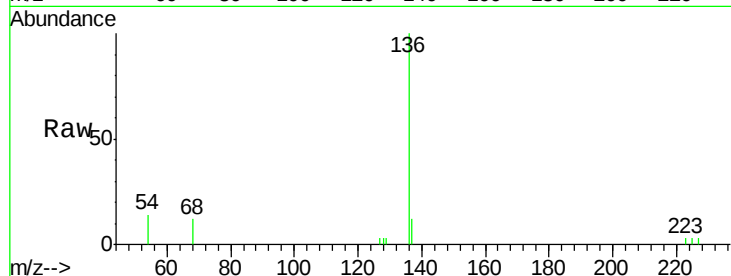
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 14.2 12.6 18.8

68 12.3 10.7 16.1

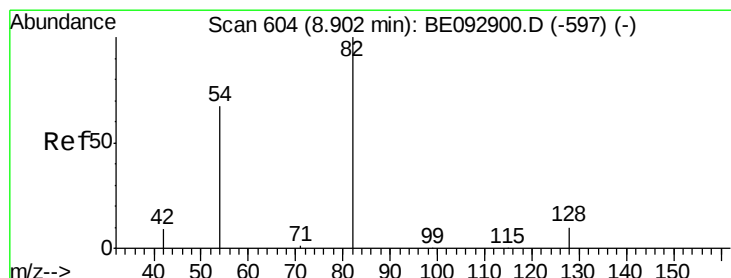
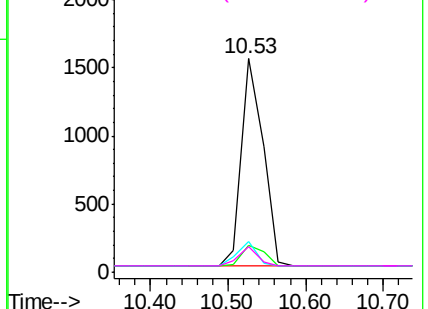
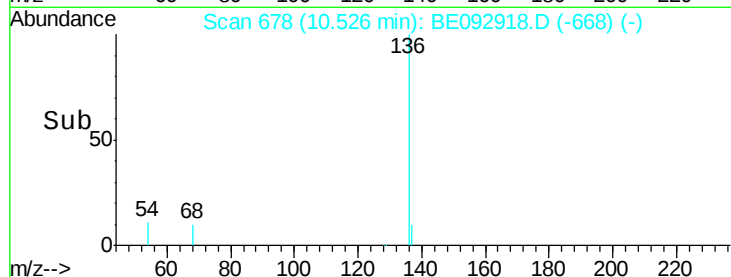


Abundance Ion 136.00 (135.70 to 136.70): BE092918.D (-668) (-)

Ion 137.00 (136.70 to 137.70): BE092918.D (-668) (-)

Ion 54.00 (53.70 to 54.70): BE092918.D (-668) (-)

Ion 68.00 (67.70 to 68.70): BE092918.D (-668) (-)



#8

Nitrobenzene-d5

Concen: 0.13 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

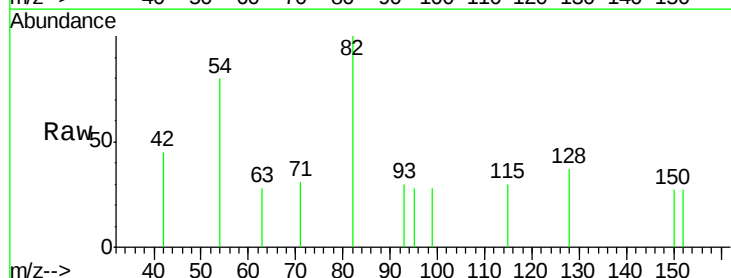
Tgt Ion: 82 Resp: 254

Ion Ratio Lower Upper

82 100

128 37.3 35.3 52.9

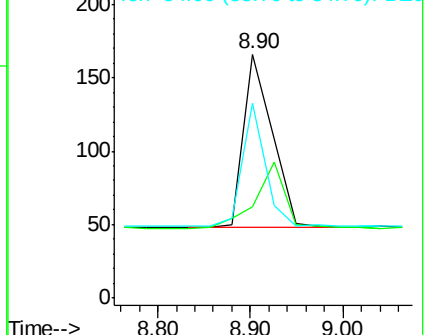
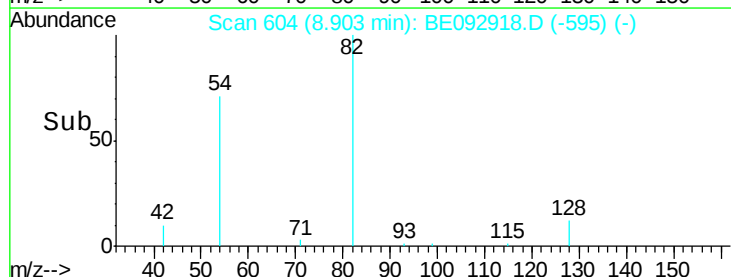
54 80.1 65.1 97.7

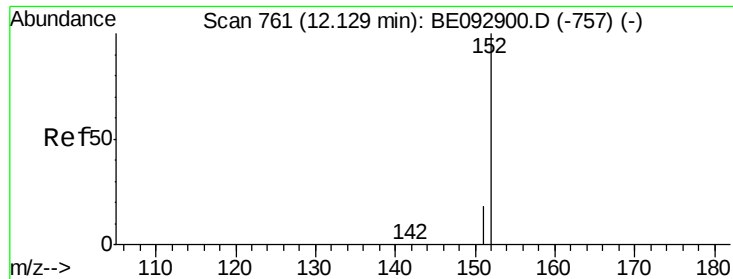


Abundance Ion 82.00 (81.70 to 82.70): BE092918.D (-595) (-)

Ion 128.00 (127.70 to 128.70): BE092918.D (-595) (-)

Ion 54.00 (53.70 to 54.70): BE092918.D (-595) (-)

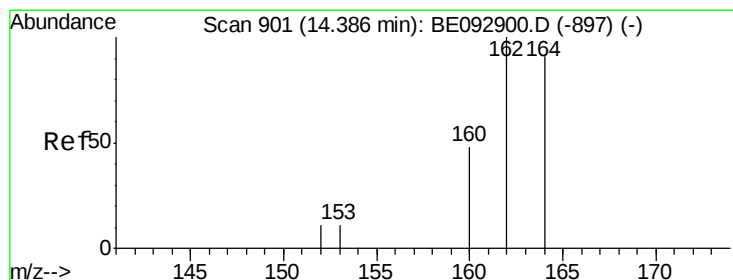
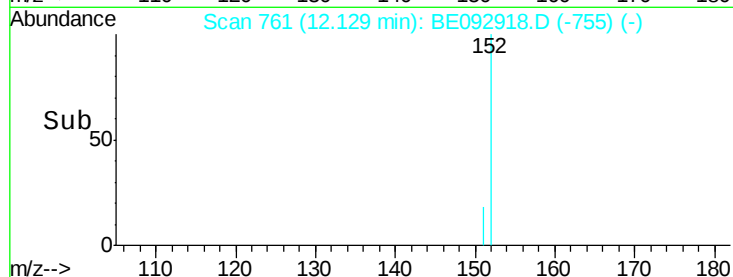
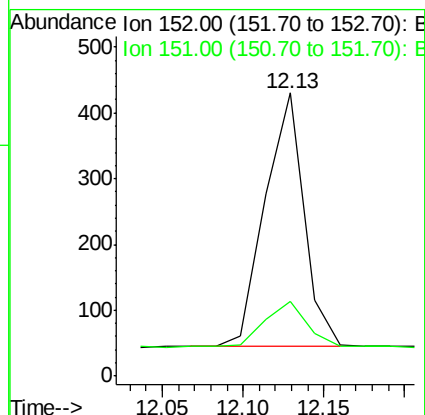
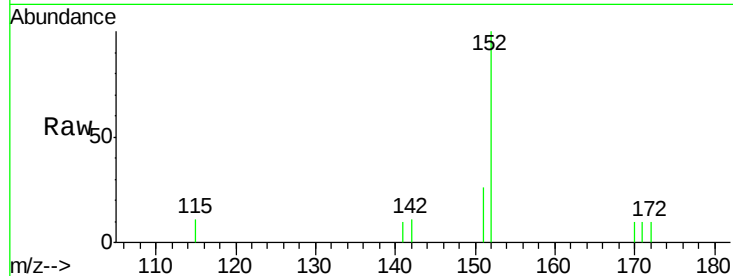




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

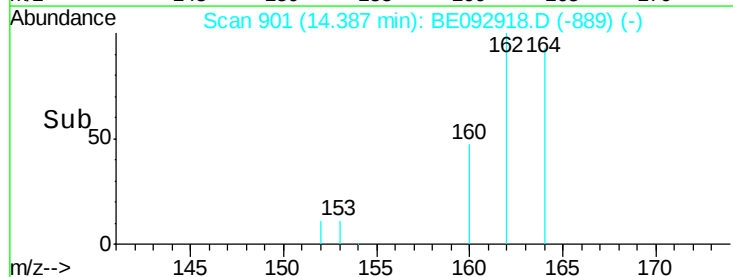
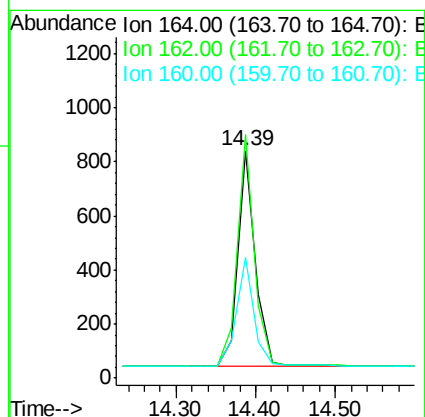
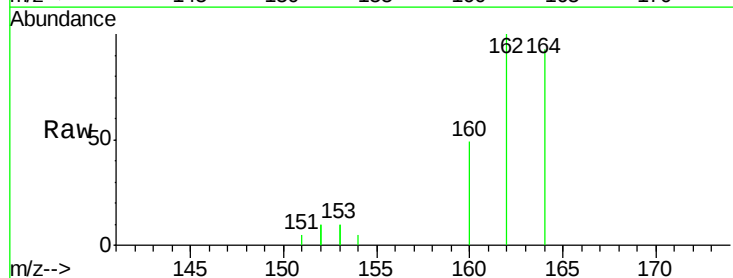
Instrument :
BNA_E
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KY038PS033-170424

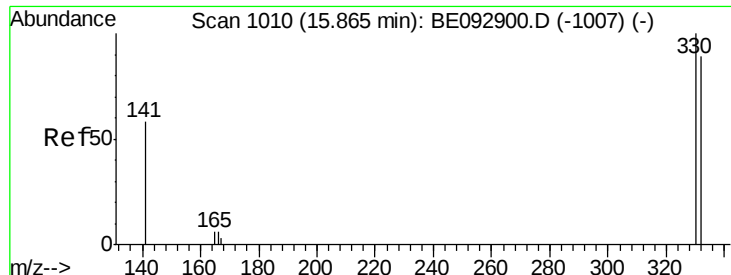
Tgt Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Tgt Ion:164 Resp: 1209
Ion Ratio Lower Upper
164 100
162 107.0 86.6 130.0
160 52.9 44.5 66.7

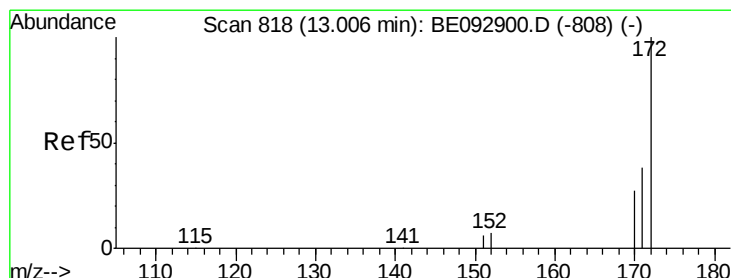
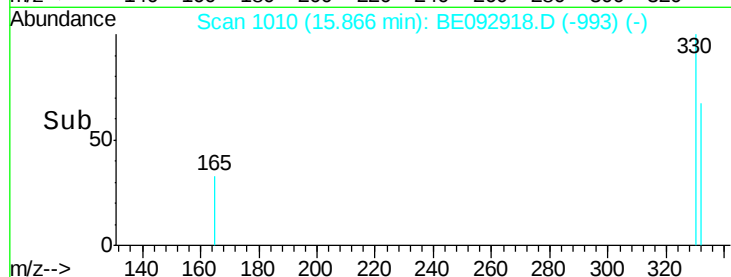
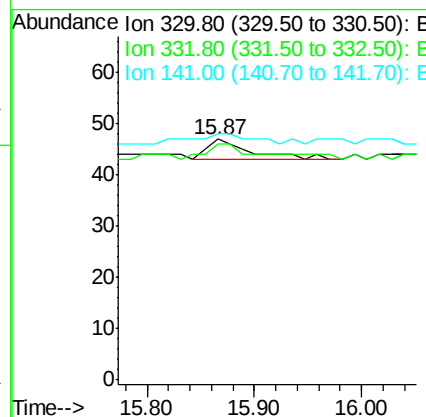
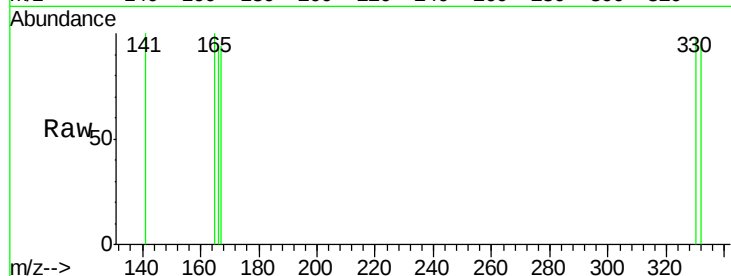




#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

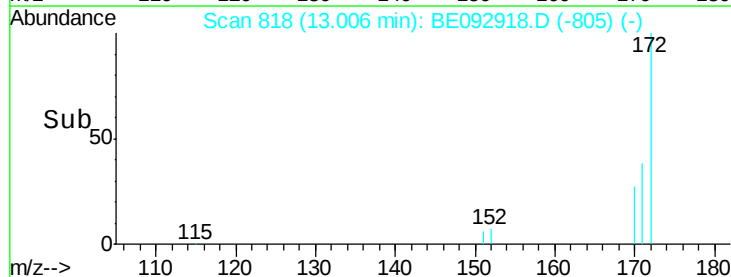
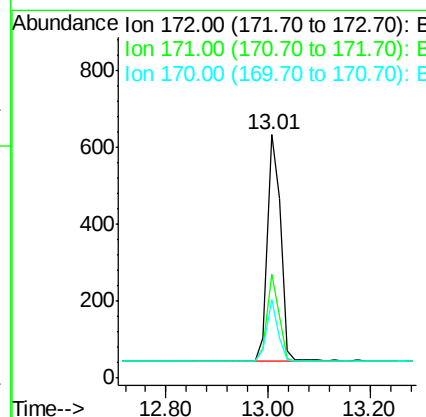
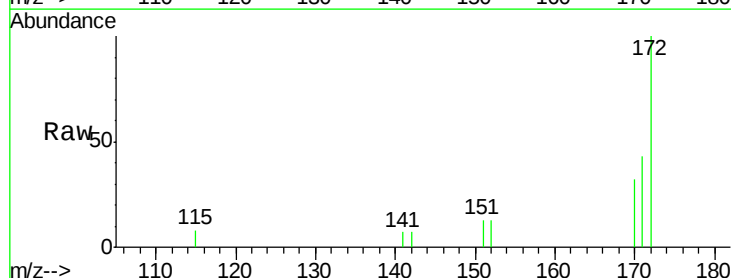
Instrument :
BNA_E
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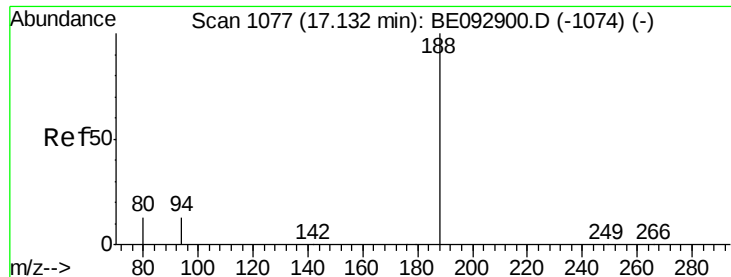
Tgt Ion:330 Resp: 11
Ion Ratio Lower Upper
330 100
332 63.6 69.1 103.7#
141 72.7 54.6 81.8



#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Tgt Ion:172 Resp: 1029
Ion Ratio Lower Upper
172 100
171 42.7 35.8 53.6
170 32.1 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: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

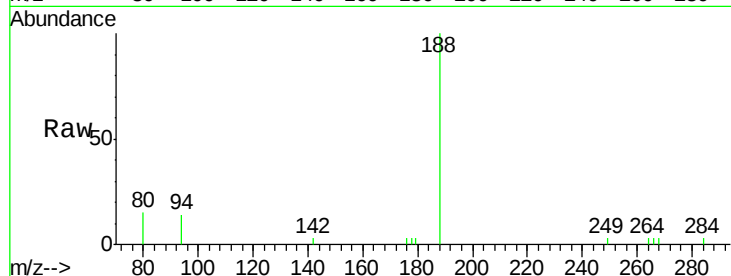
Tgt Ion:188 Resp: 2983

Ion Ratio Lower Upper

188 100

94 14.4 10.2 15.4

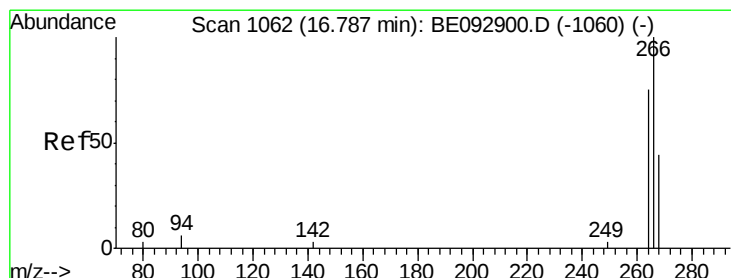
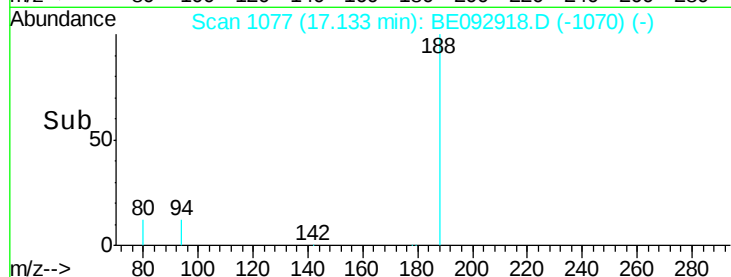
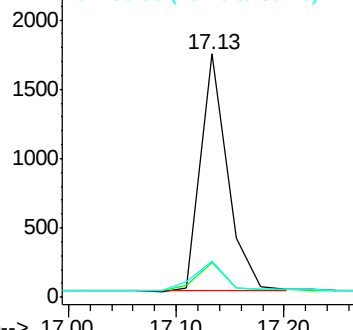
80 14.8 10.6 15.8



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: 0.14 ng

RT: 16.76 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

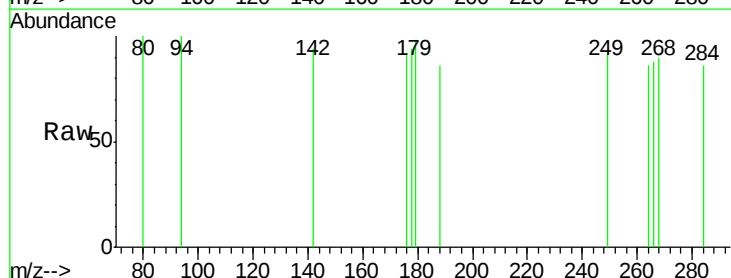
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 97.8 75.4 113.2

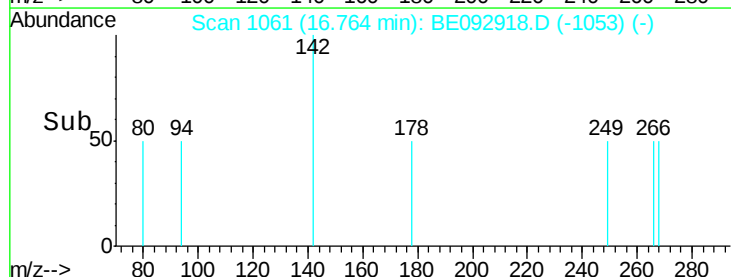
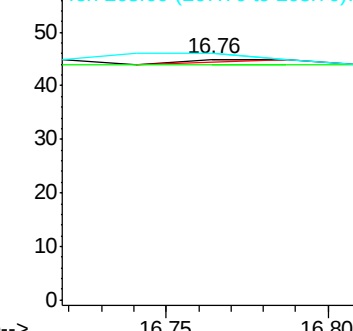
268 102.2 75.4 113.2

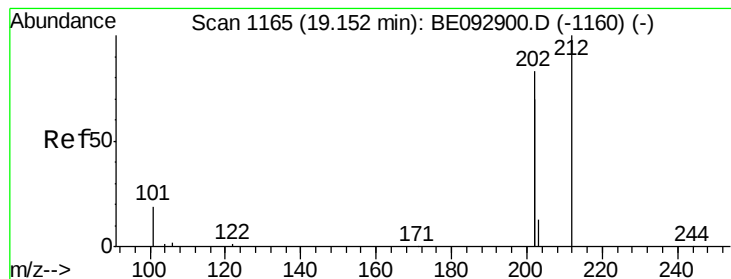


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Fluoranthene-d10

Concen: 0.15 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

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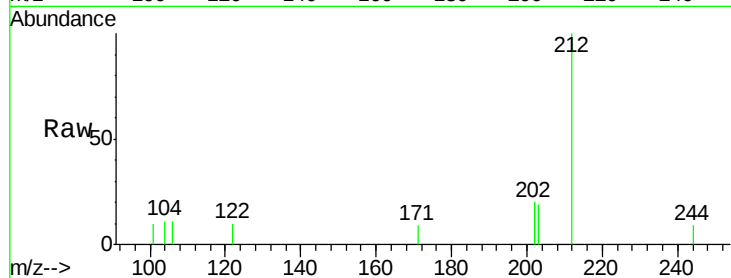
Tgt Ion:212 Resp: 1080

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

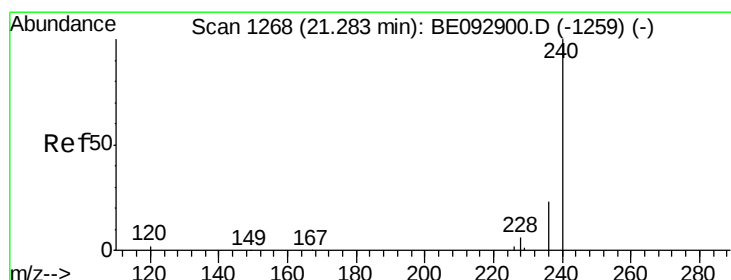
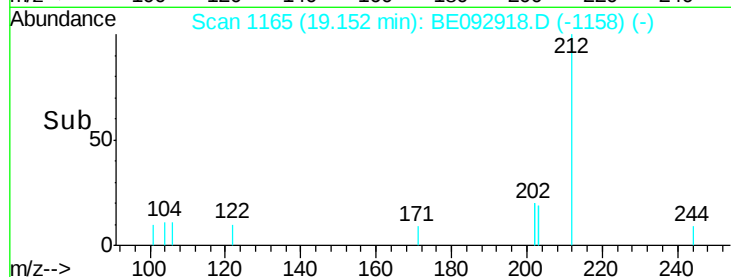
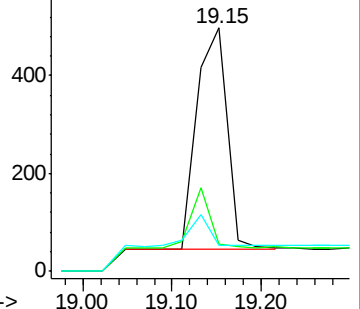
104 0.0 0.0 0.0



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: BE092918.D

Acq: 27 Apr 2017 17:15

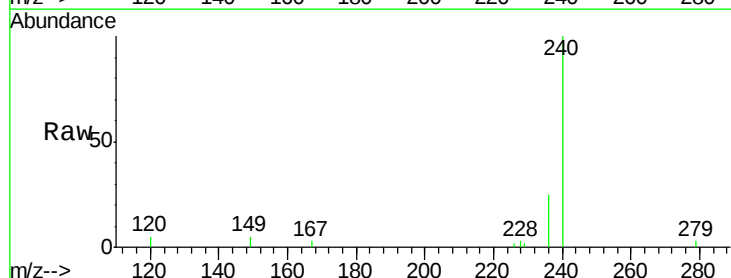
Tgt Ion:240 Resp: 2897

Ion Ratio Lower Upper

240 100

120 4.7 4.6 6.8

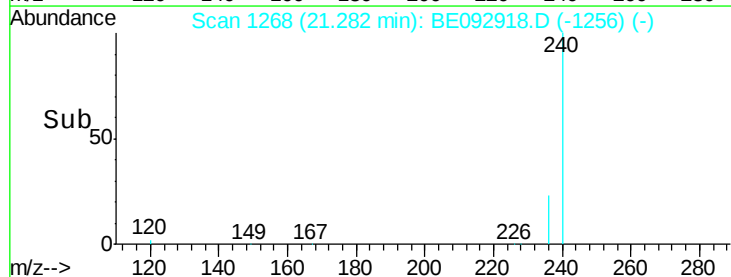
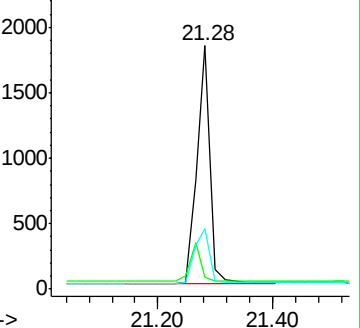
236 24.7 19.8 29.8

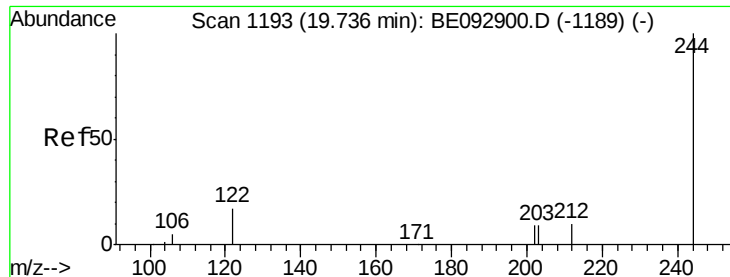


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.20 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

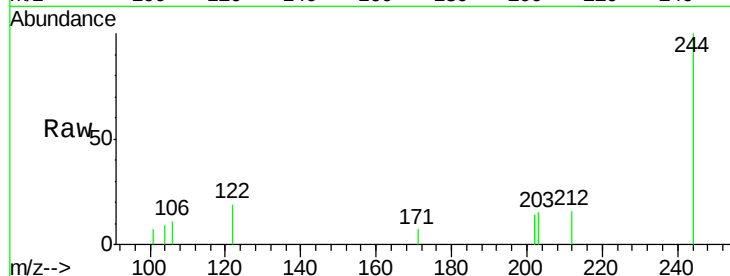
Tgt Ion:244 Resp: 996

Ion Ratio Lower Upper

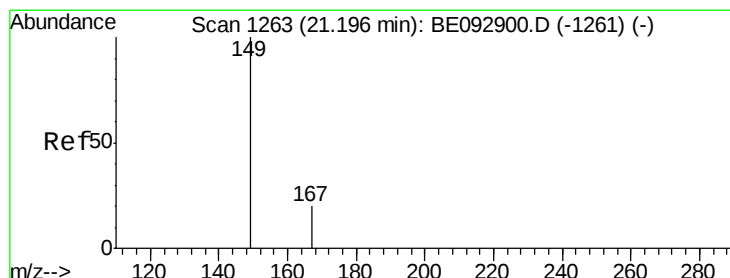
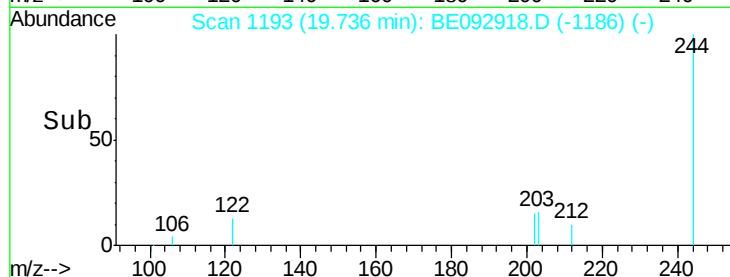
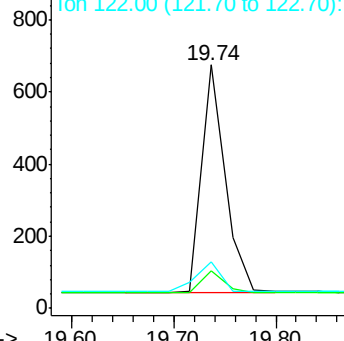
244 100

212 15.7 18.4 27.6#

122 19.3 23.3 34.9#



Abundance Ion 244.00 (243.70 to 244.70): E



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 21.20 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

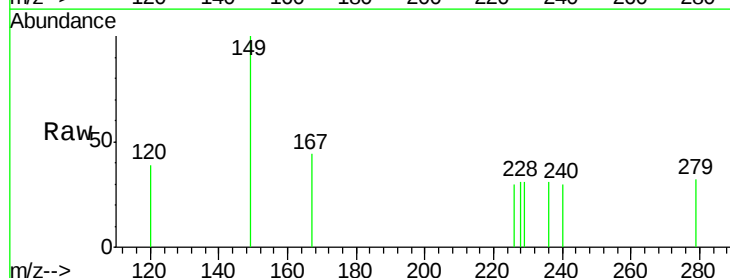
Tgt Ion:149 Resp: 101

Ion Ratio Lower Upper

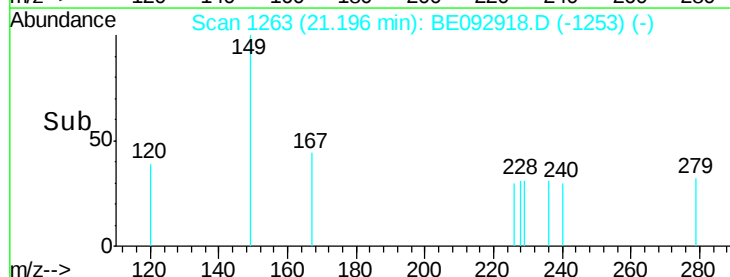
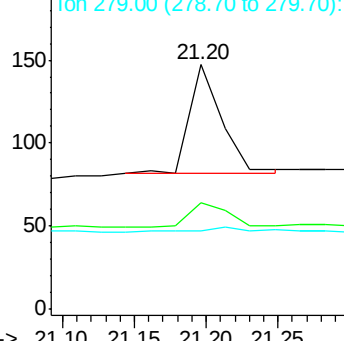
149 100

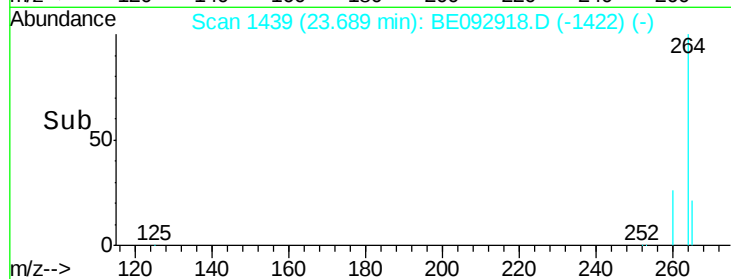
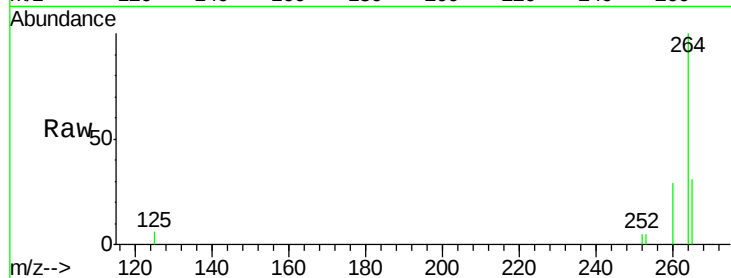
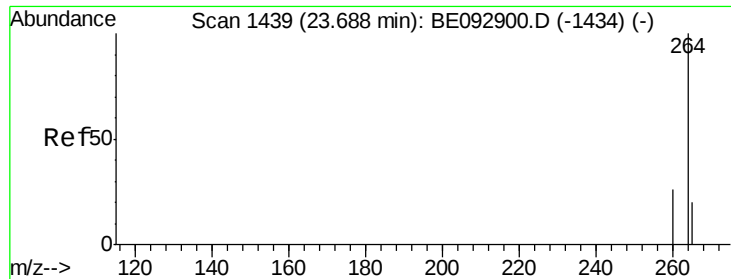
167 0.0 20.9 31.3#

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

Tgt Ion: 264 Resp: 2642

Ion Ratio Lower Upper

264 100

260 28.8 23.5 35.3

265 30.5 27.2 40.8

