

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092977.D
 Acq On : 10 May 2017 11:48
 Operator : SJ/MA
 Sample : PB98656BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98656BL

Quant Time: May 10 13:03:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 03:43:15 2017
 Response via : Initial Calibration

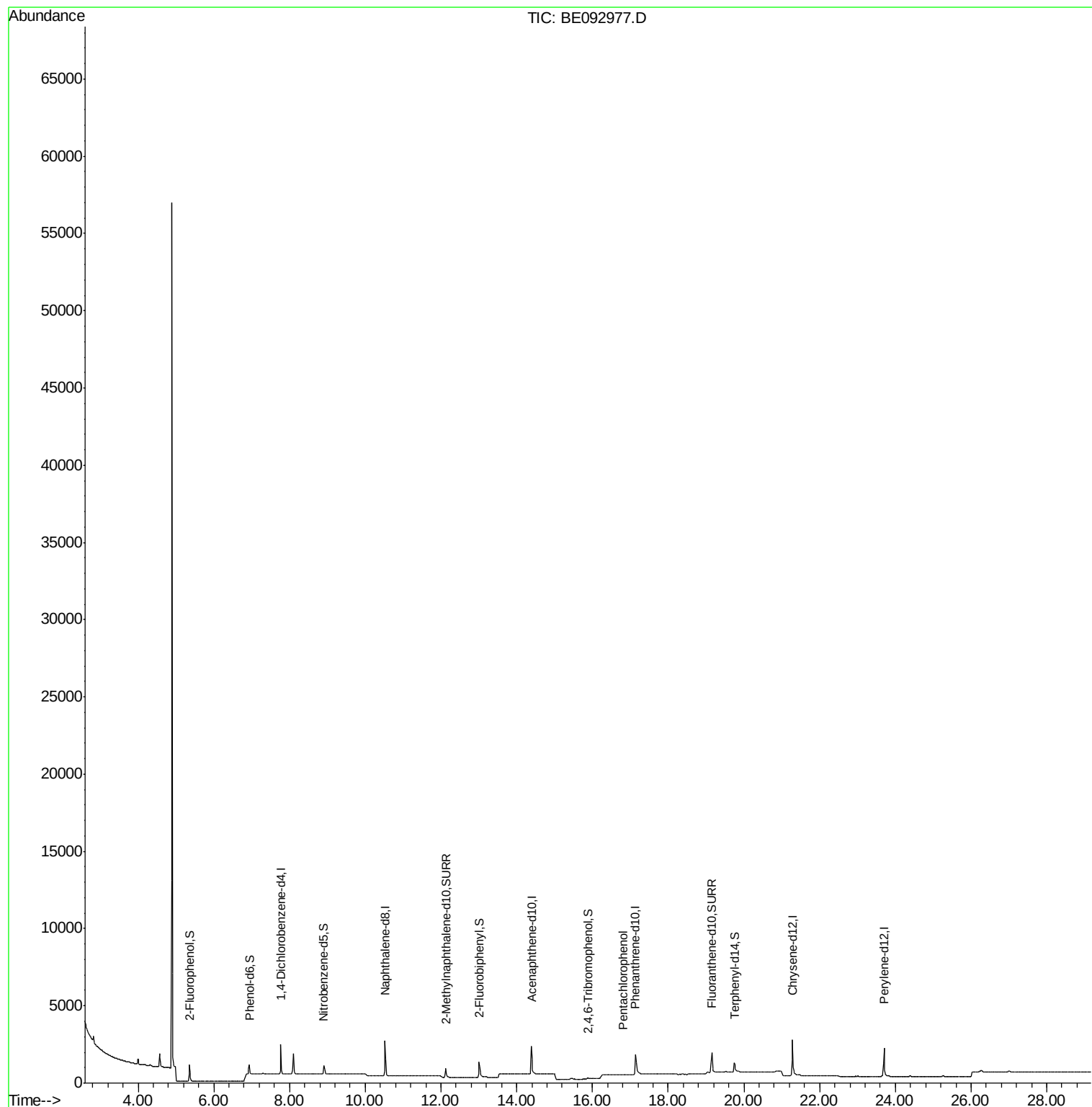
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	956	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3454	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1381	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2652	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3346	0.40	ng	0.00
33) Perylene-d12	23.70	264	3218	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	763	0.28	ng	0.00
5) Phenol-d6	6.94	99	851	0.25	ng	0.00
8) Nitrobenzene-d5	8.90	82	636	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1138	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	73	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1417	0.27	ng	0.00
24) Fluoranthene-d10	19.15	212	2219	0.32	ng	0.00
28) Terphenyl-d14	19.75	244	1329	0.26	ng	0.02
Target Compounds						
21) Pentachlorophenol	16.81	266	1	0.14	ng	# 82
31) Bis(2-ethylhexyl)phthalate	21.20	149	66	Below Cal		# 94

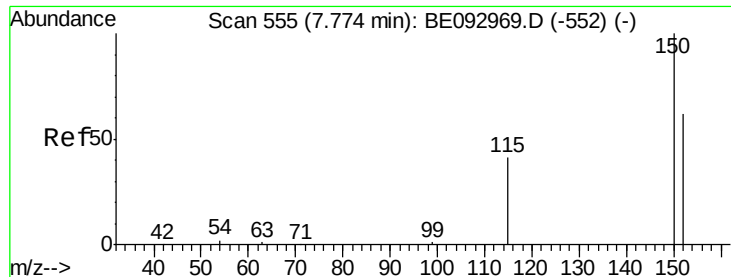
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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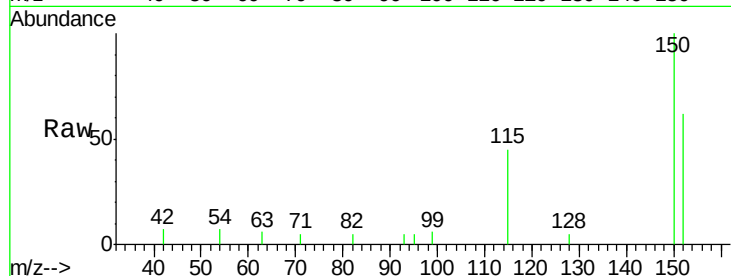


#1

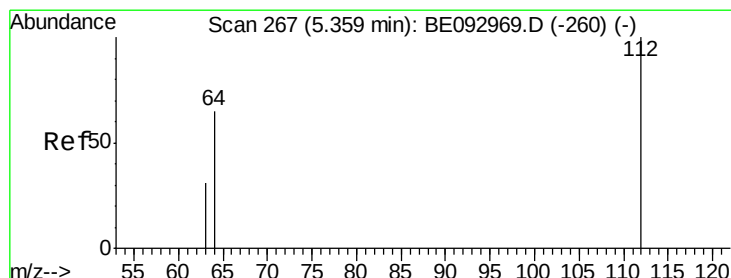
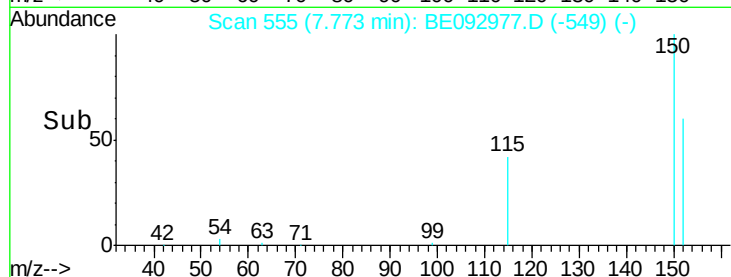
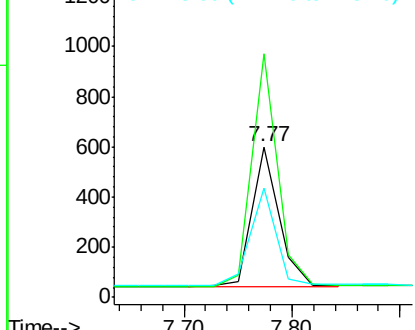
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Instrument :
BNA_E
ClientSampleId :
PB98656BL

Tgt Ion:152 Resp: 956
Ion Ratio Lower Upper
152 100
150 162.1 125.1 187.7
115 73.1 55.7 83.5



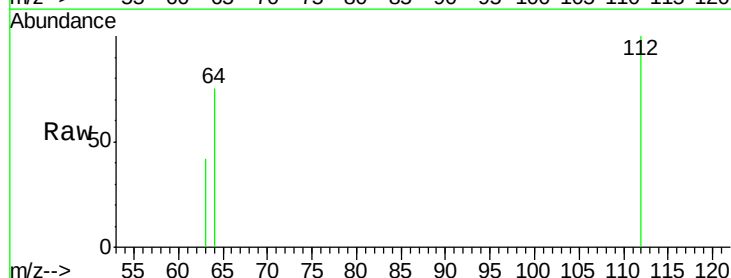
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



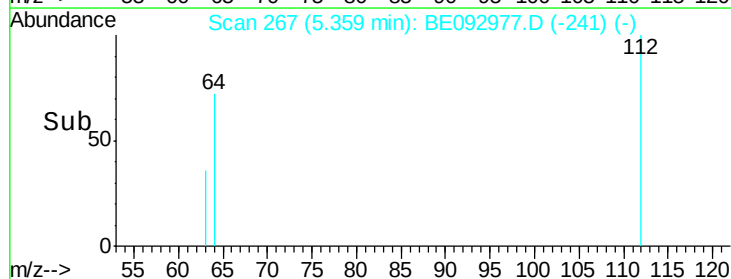
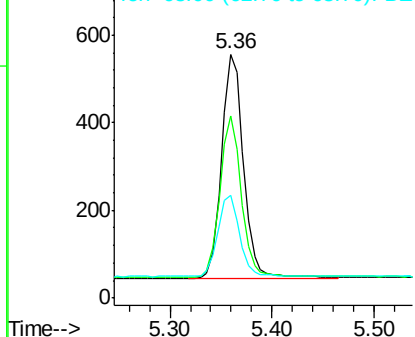
#4

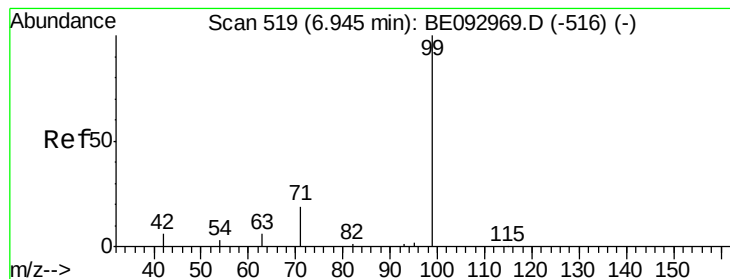
2-Fluorophenol
Concen: 0.28 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Tgt Ion:112 Resp: 763
Ion Ratio Lower Upper
112 100
64 71.6 56.4 84.6
63 35.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.25 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

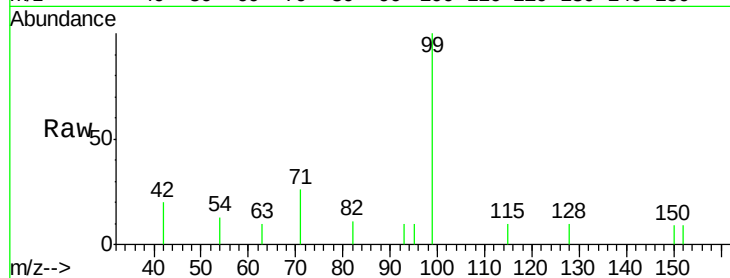
Tgt Ion: 99 Resp: 851

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

6.94

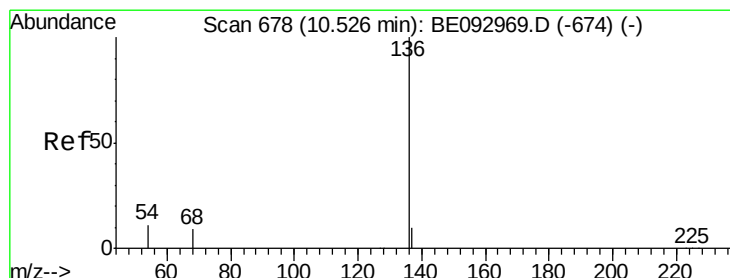
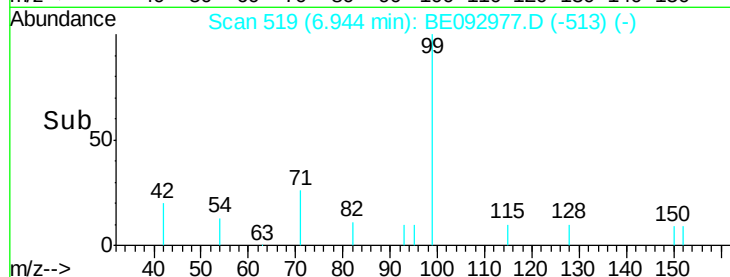
400

200

0

6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Tgt Ion: 136 Resp: 3454

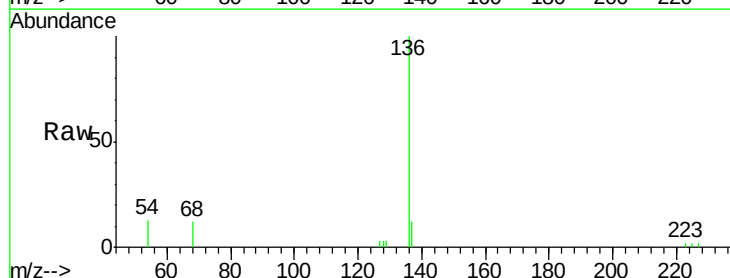
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 13.3 10.3 15.5

68 11.6 9.0 13.4



Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.52

2500

2000

1500

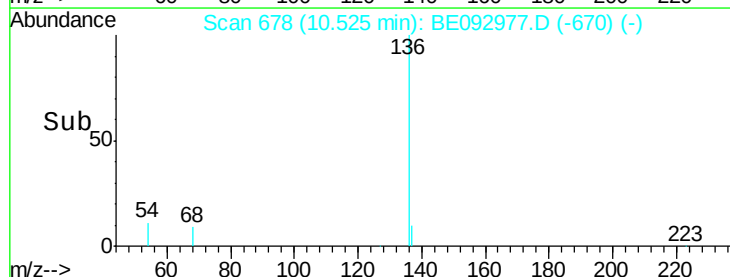
1000

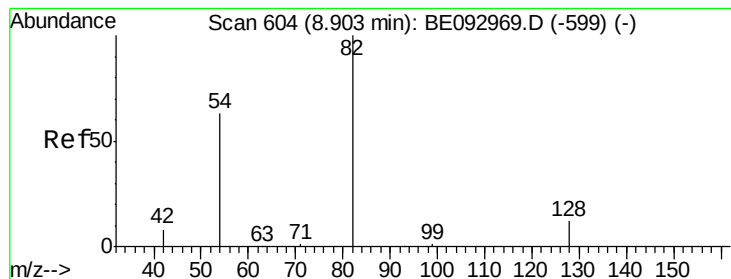
500

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.24 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

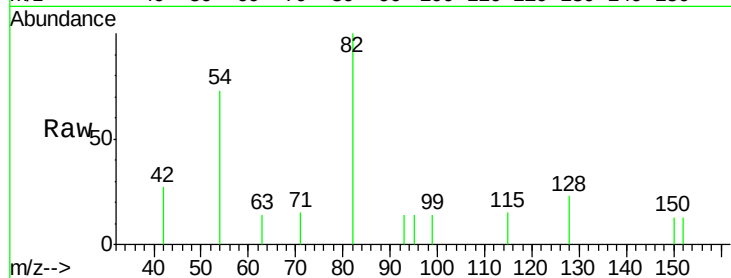
Tgt Ion: 82 Resp: 636

Ion Ratio Lower Upper

82 100

128 22.8 17.0 25.4

54 73.0 53.8 80.6

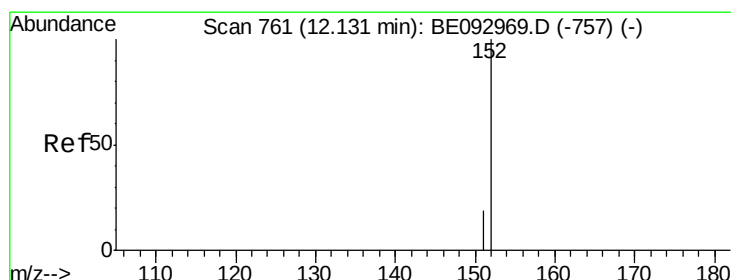
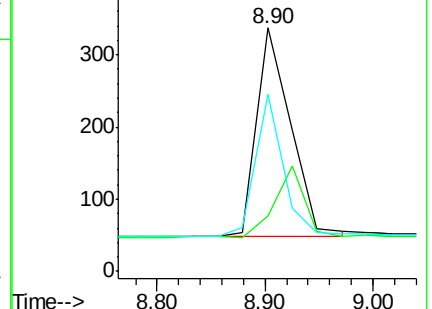
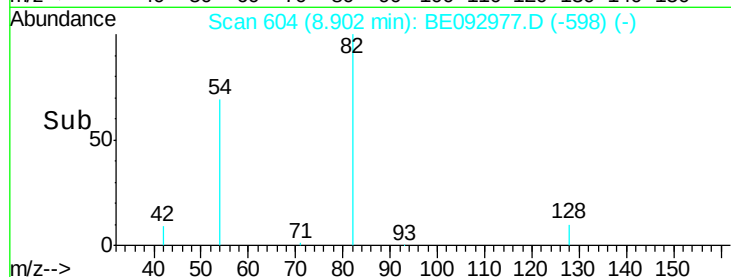


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.24 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092977.D

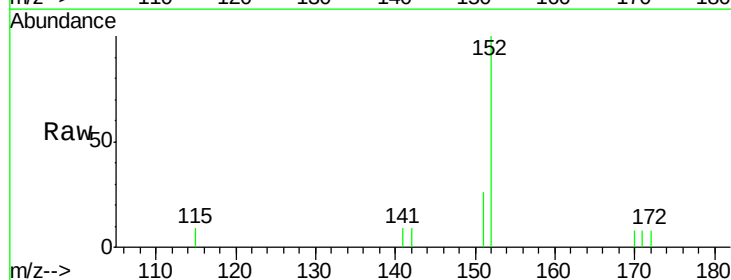
Acq: 10 May 2017 11:48

Tgt Ion: 152 Resp: 1138

Ion Ratio Lower Upper

152 100

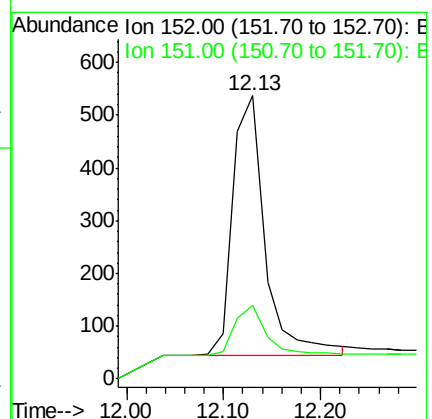
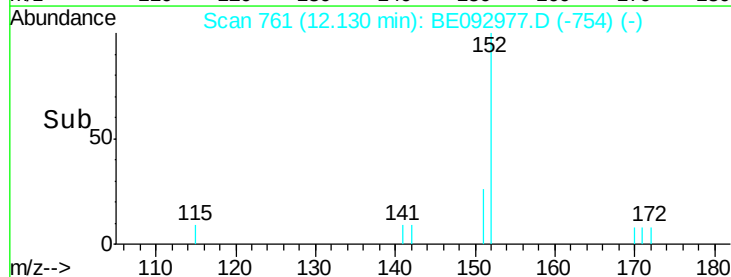
151 19.1 15.1 22.7

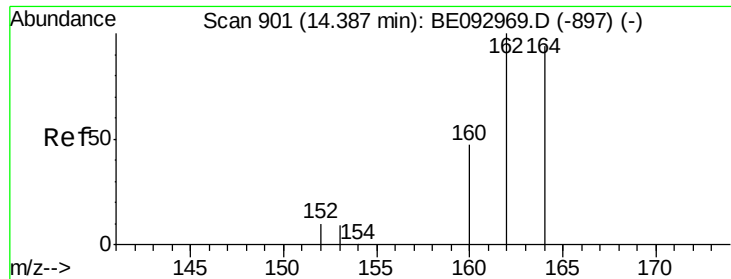


Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->

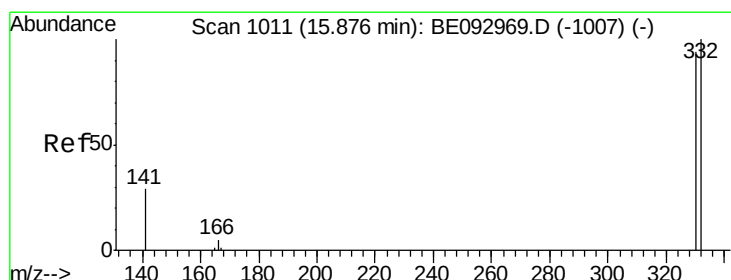
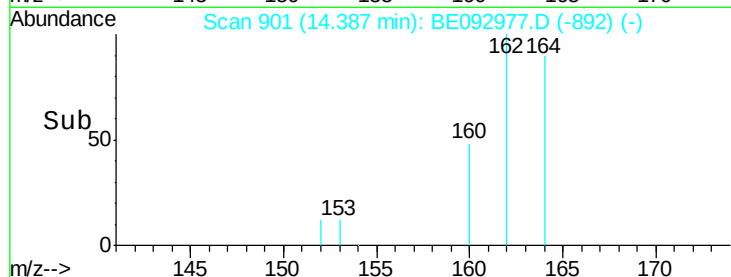
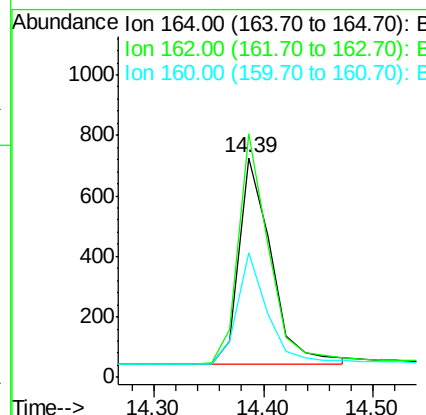
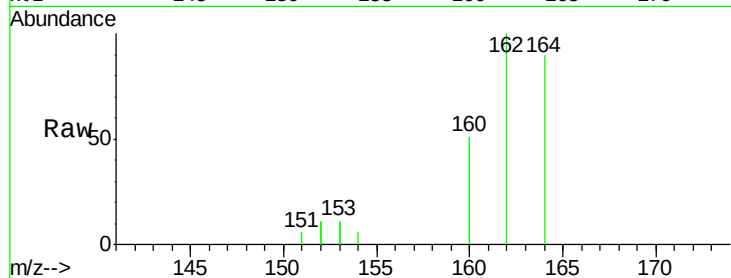




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

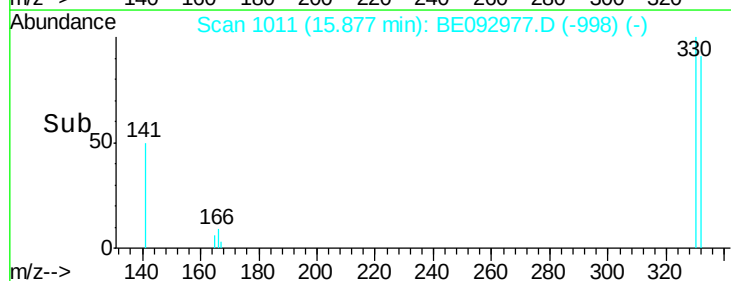
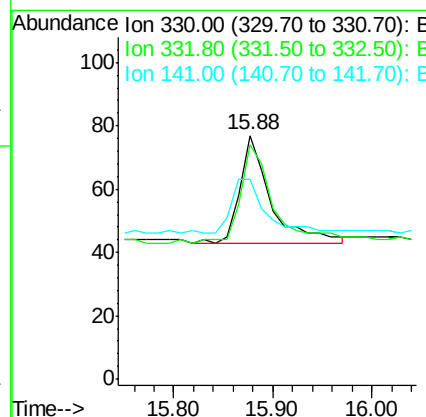
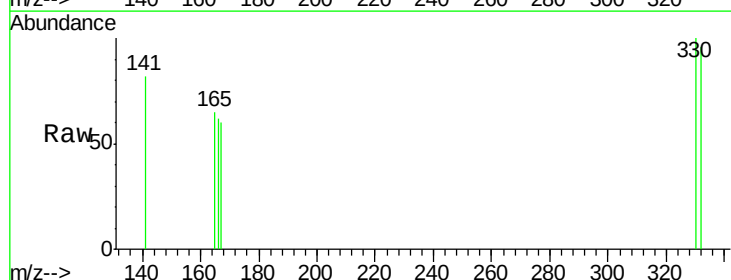
Instrument :
 BNA_E
 ClientSampleId :
 PB98656BL

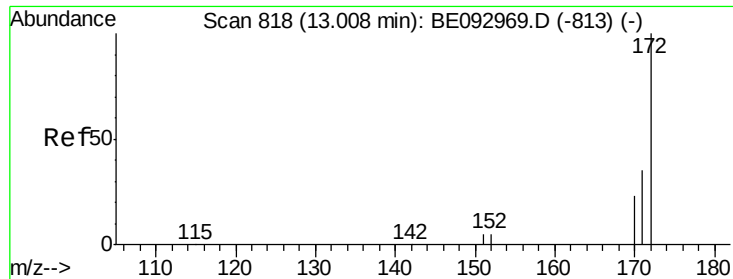
Tgt Ion:164 Resp: 1381
 Ion Ratio Lower Upper
 164 100
 162 110.7 84.6 127.0
 160 56.7 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.20 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Tgt Ion:330 Resp: 73
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.7 116.5
 141 56.2 56.2 84.4#

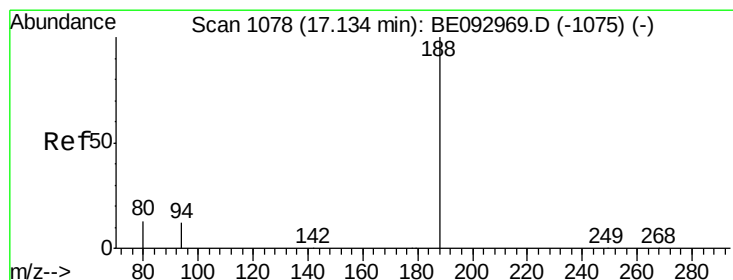
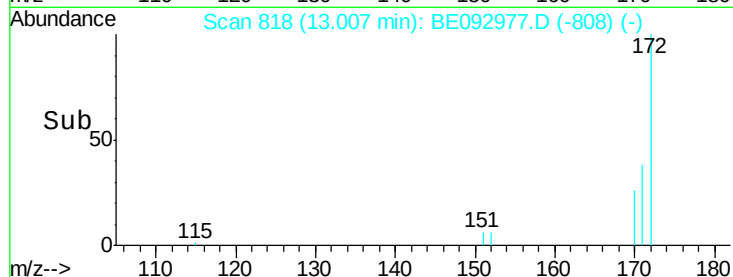
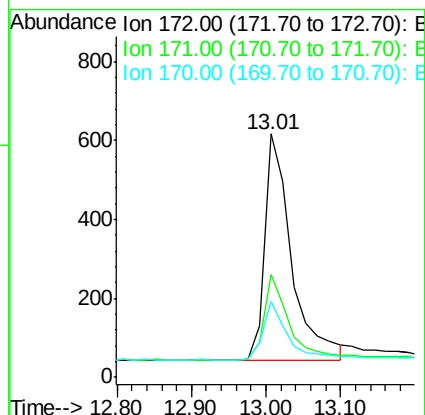
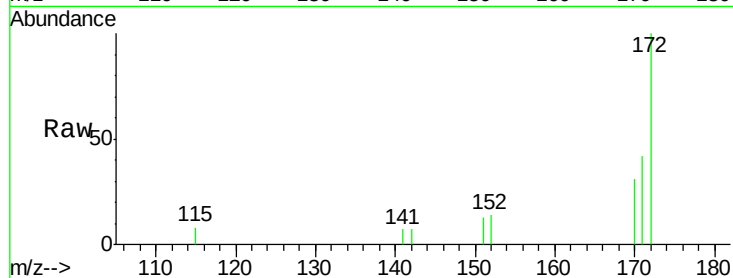




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

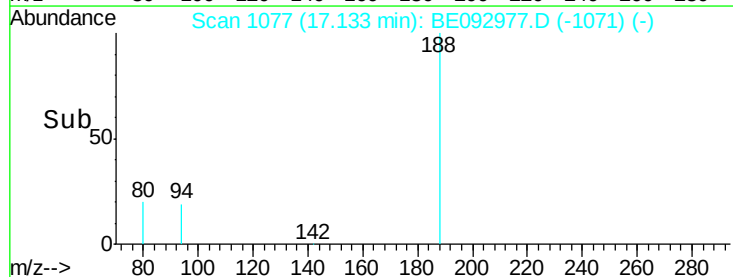
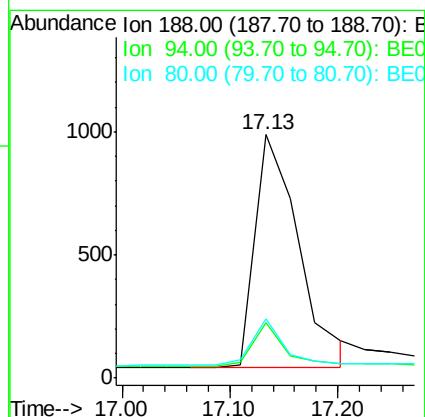
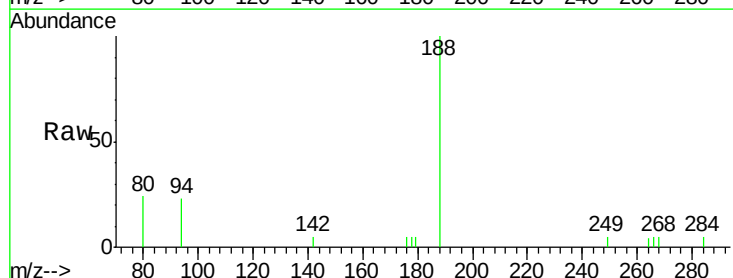
Instrument :
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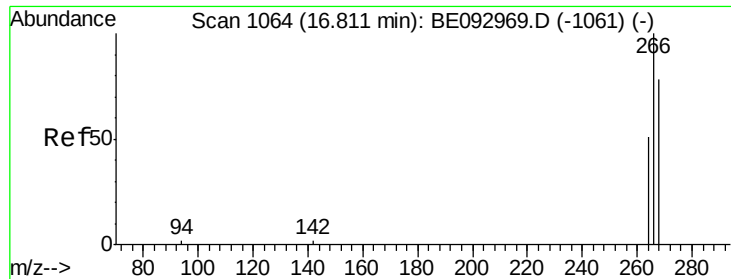
Tgt Ion:172 Resp: 1417
Ion Ratio Lower Upper
172 100
171 42.1 29.8 44.6
170 31.0 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Tgt Ion:188 Resp: 2652
Ion Ratio Lower Upper
188 100
94 22.9 11.3 16.9#
80 24.5 11.7 17.5#

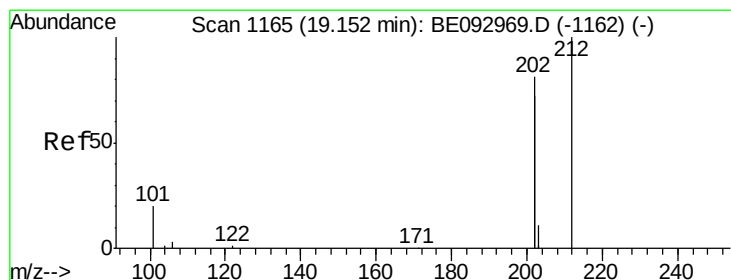
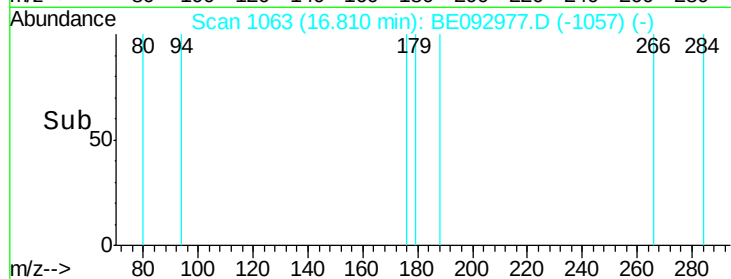
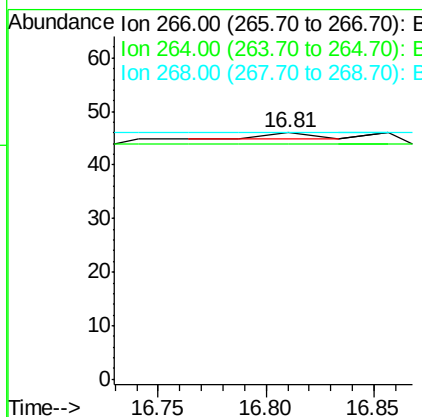
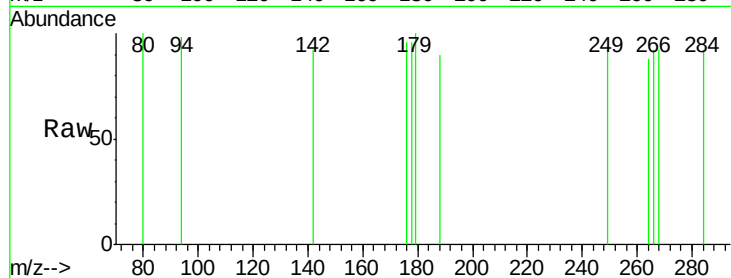




#21
 Pentachlorophenol
 Concen: 0.14 ng
 RT: 16.81 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

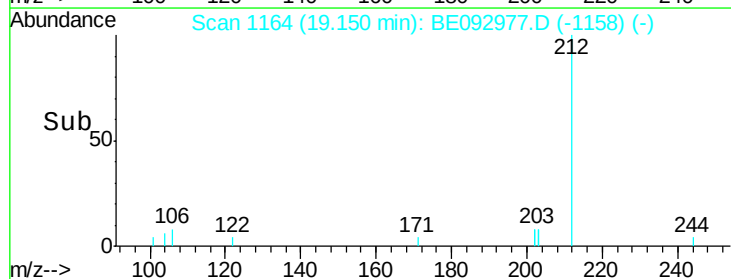
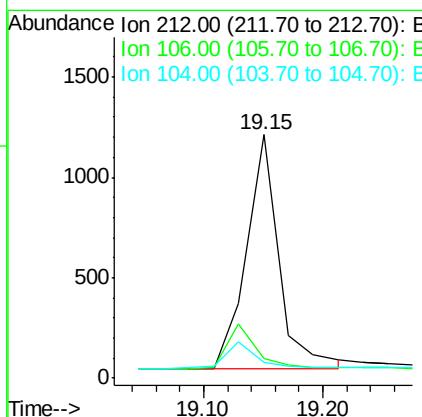
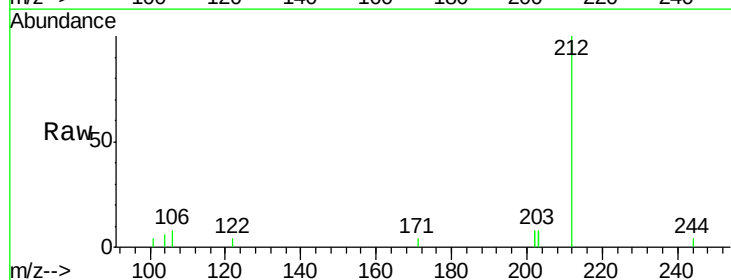
Instrument :
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 ClientSampleId :
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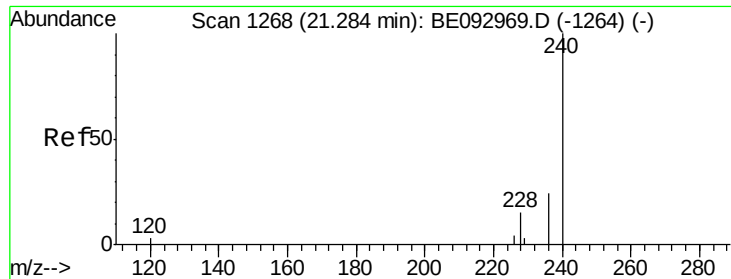
Tgt Ion: 266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 95.7 58.2 87.2#
 268 100.0 71.9 107.9



#24
 Fluoranthene-d10
 Concen: 0.32 ng
 RT: 19.15 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Tgt Ion: 212 Resp: 2219
 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# 1267

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampled :

PB98656BL

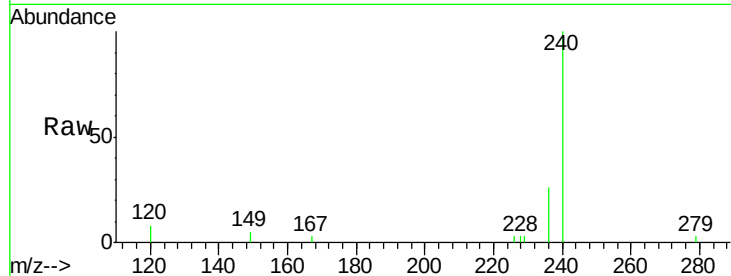
Tgt Ion:240 Resp: 3346

Ion Ratio Lower Upper

240 100

120 7.7 4.6 7.0#

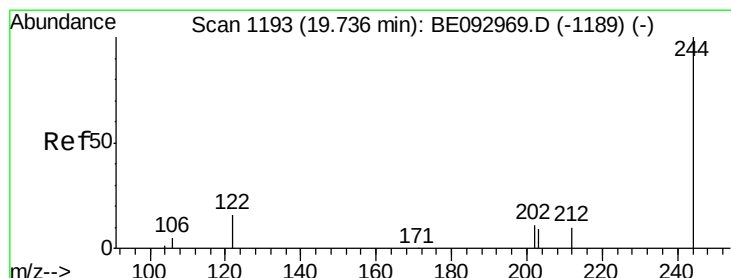
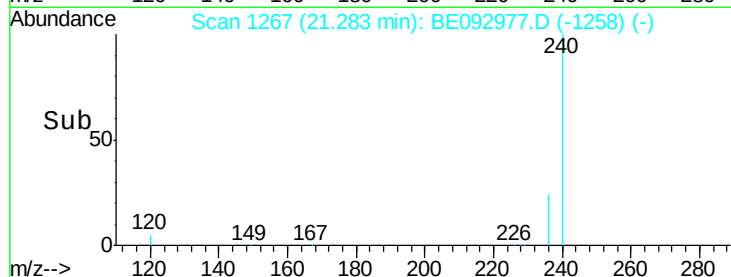
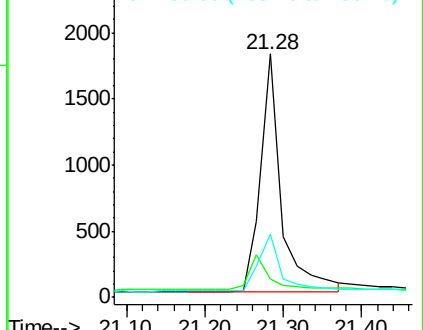
236 26.2 20.8 31.2



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: 0.26 ng

RT: 19.75 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

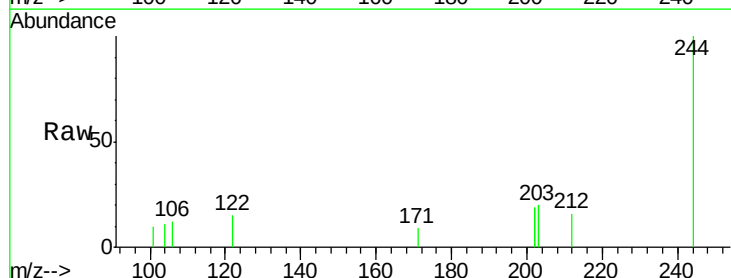
Tgt Ion:244 Resp: 1329

Ion Ratio Lower Upper

244 100

212 16.5 10.6 16.0#

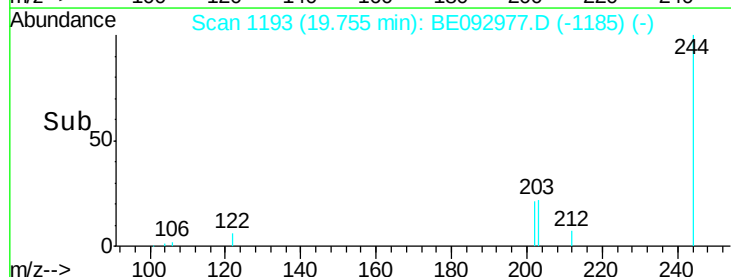
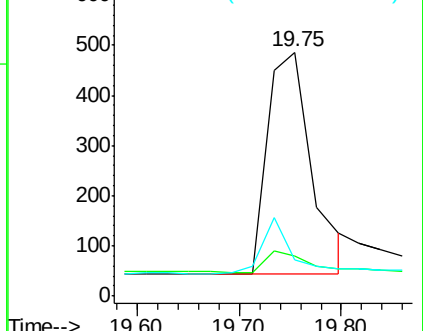
122 15.0 15.4 23.0#

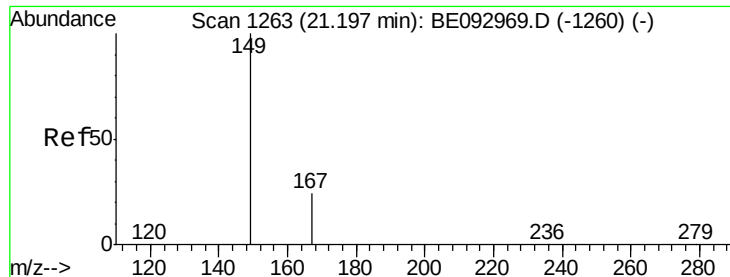


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

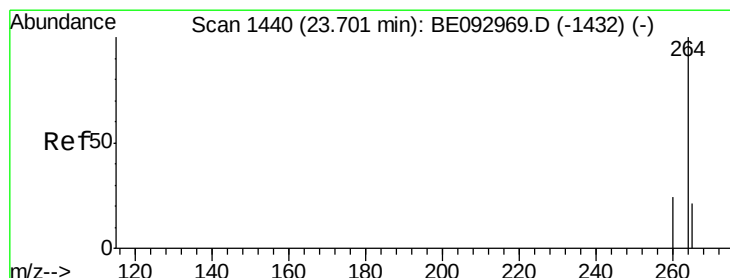
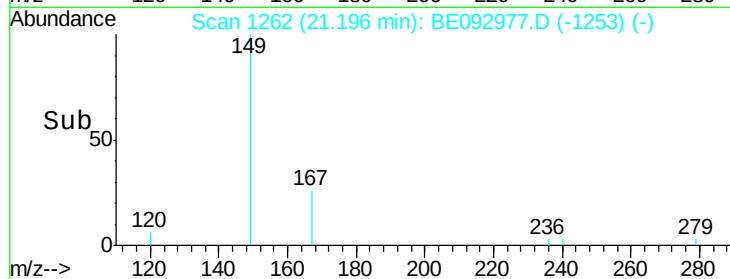
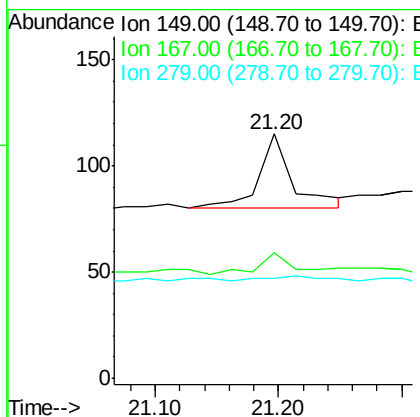
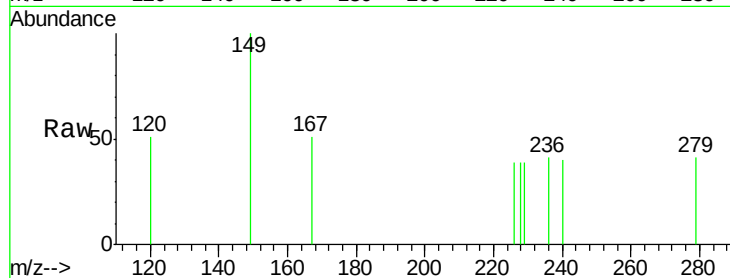




#31
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.20 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Instrument :
 BNA_E
 ClientSampleId :
 PB98656BL

Tgt Ion:149 Resp: 66
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.1 30.1
 279 9.1 2.2 3.4#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Tgt Ion:264 Resp: 3218
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.4
 265 32.8 24.6 36.8

