

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
 Data File : BE092619.D
 Acq On : 27 Dec 2016 12:27
 Operator : UM/SJ
 Sample : PB95532BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95532BL

Quant Time: Dec 28 01:24:24 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

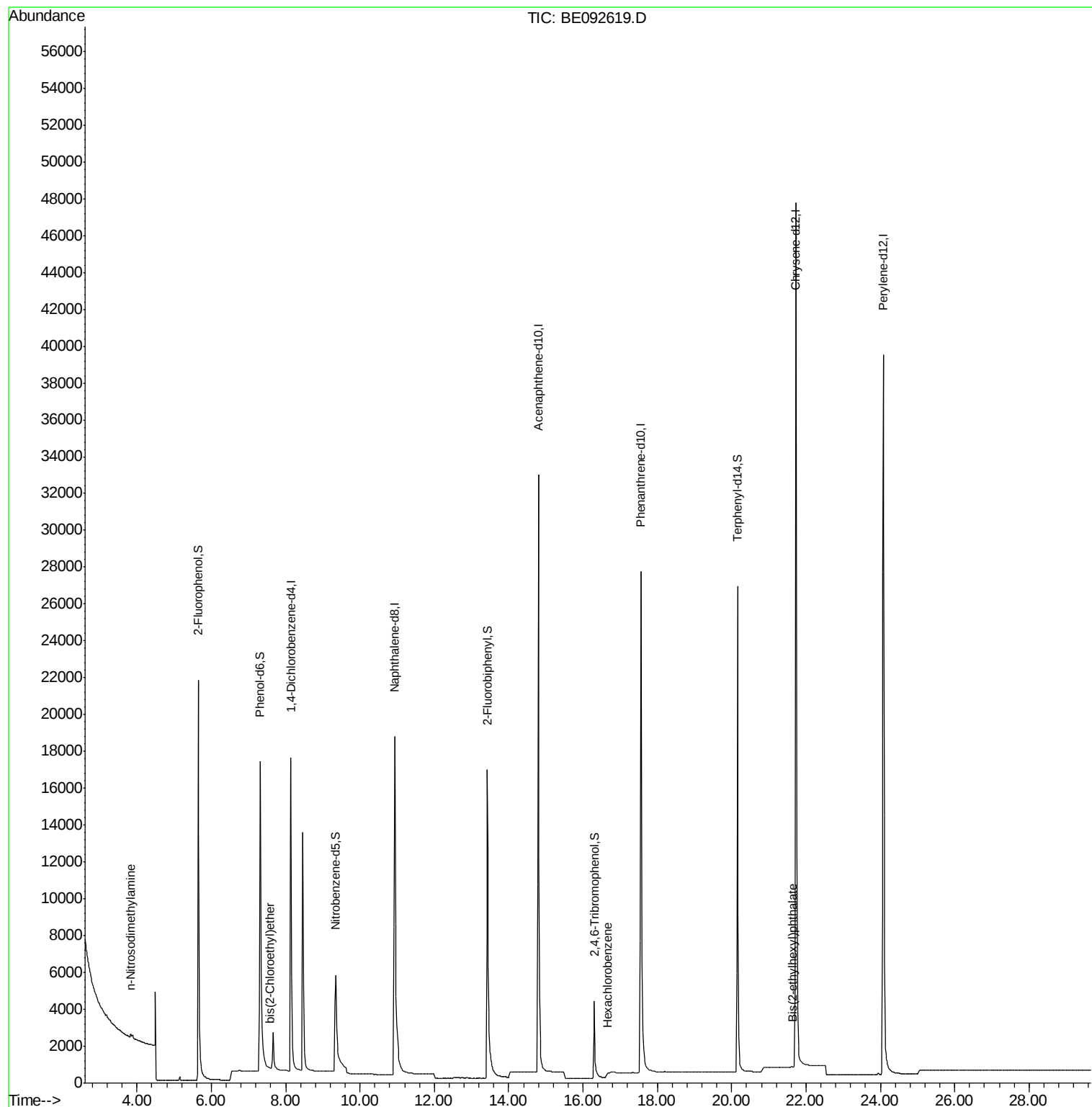
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10629	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	43073	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	25694	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	52059	5.00	ng	0.00
24) Chrysene-d12	21.72	240	66346	5.00	ng	0.00
31) Perylene-d12	24.08	264	65841	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	20417	9.89	ng	-0.04
5) Phenol-d6	7.31	99	26663	8.53	ng	-0.07
8) Nitrobenzene-d5	9.34	82	11458	3.89	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	4329	5.88	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	27427	4.46	ng	-0.01
26) Terphenyl-d14	20.16	244	36731	4.51	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.83	42	40	0.22	ng	# 8
6) bis(2-Chloroethyl)ether	7.57	93	4	0.11	ng	# 1
19) Hexachlorobenzene	16.66	284	280	0.13	ng	# 12
20) Pentachlorophenol	17.19	266	6	Below Cal		# 72
29) Bis(2-ethylhexyl)phthalate	21.63	149	105	0.07	ng	# 56

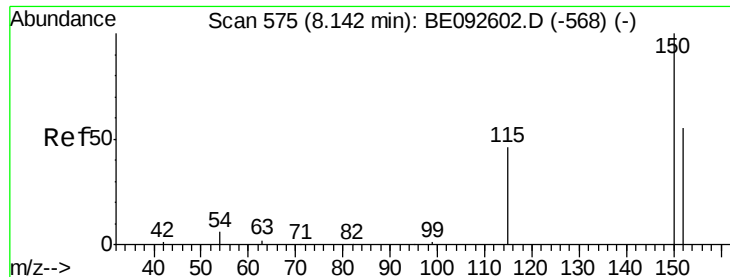
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

ClientSampleId :

PB95532BL

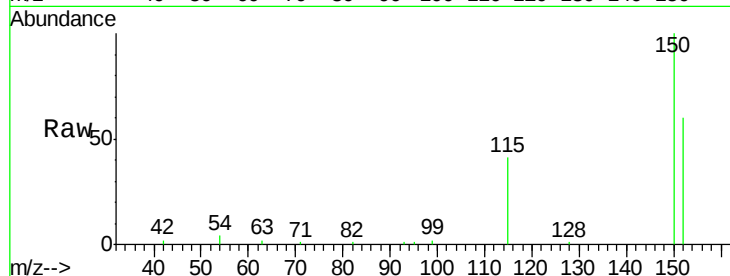
Tgt Ion: 152 Resp: 10629

Ion Ratio Lower Upper

152 100

150 166.8 106.0 159.0#

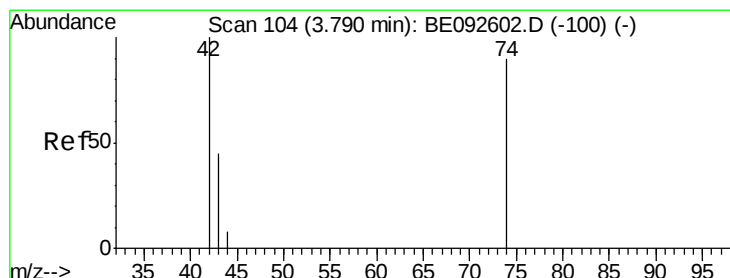
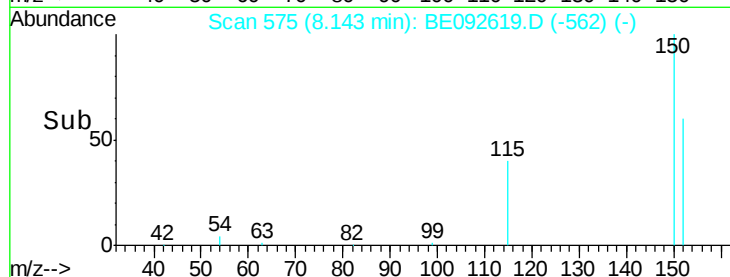
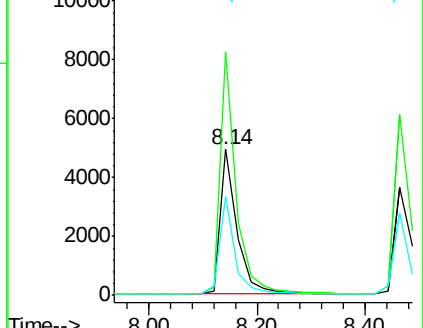
115 68.0 31.2 46.8#



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: 0.22 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.04 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

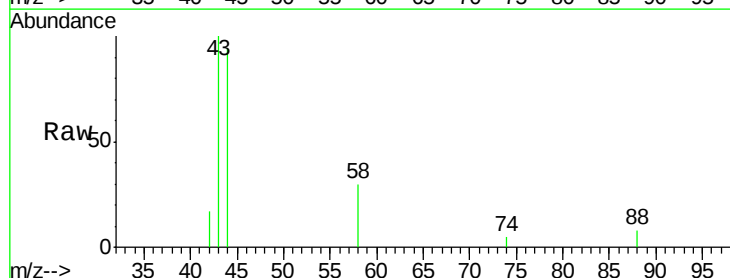
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

74 7.5 86.0 129.0#

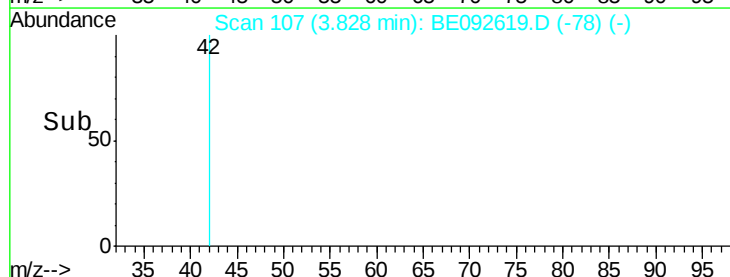
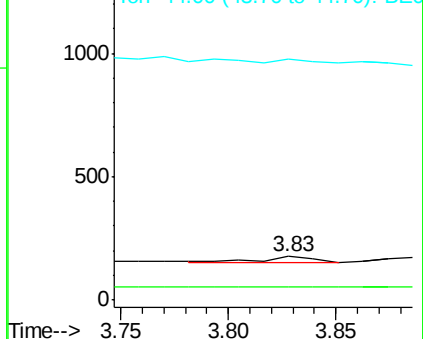
44 0.0 5.1 7.7#

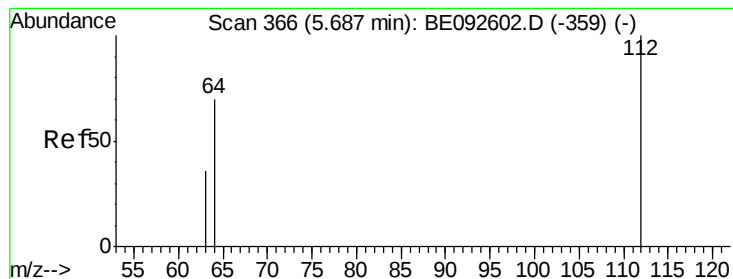


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 9.89 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

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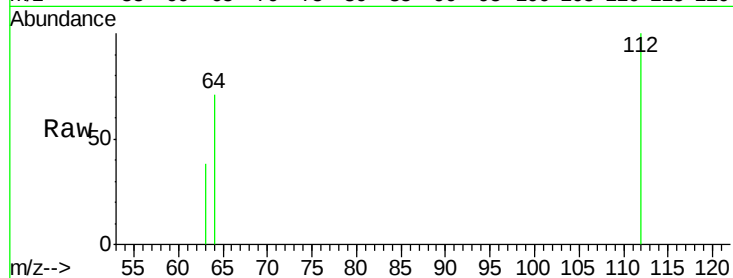
Tgt Ion: 112 Resp: 20417

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

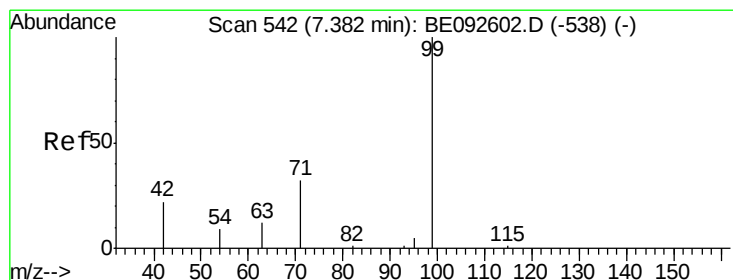
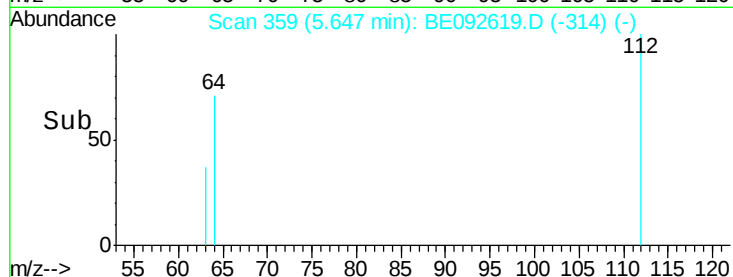
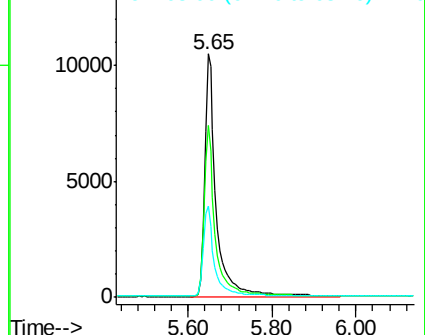
63 36.9 27.9 41.9



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: 8.53 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

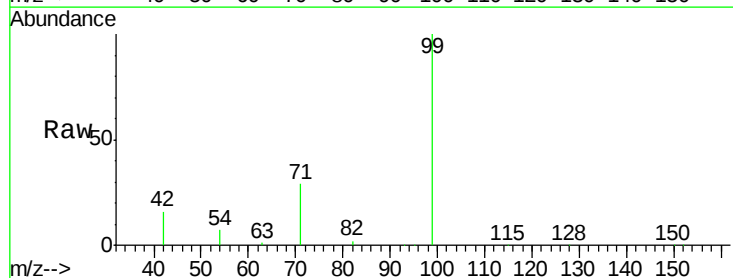
Tgt Ion: 99 Resp: 26663

Ion Ratio Lower Upper

99 100

42 24.1 16.0 24.0#

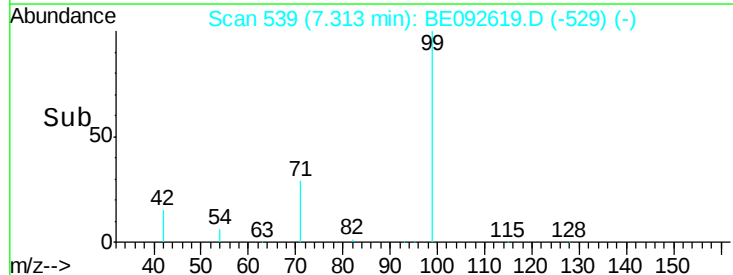
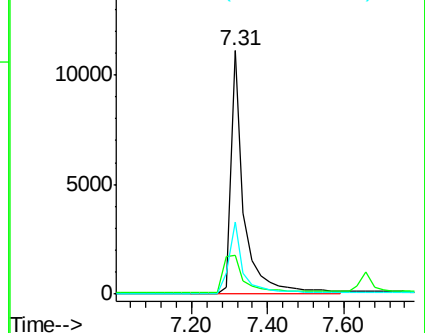
71 32.7 30.6 45.8

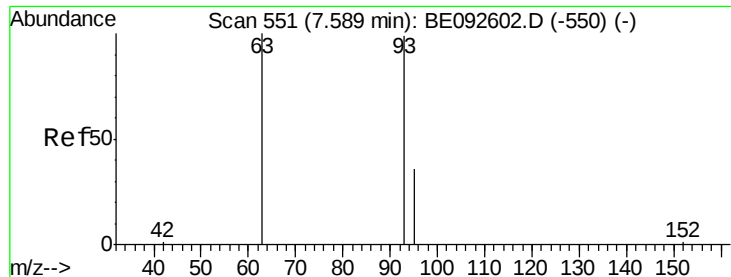


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

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PB95532BL

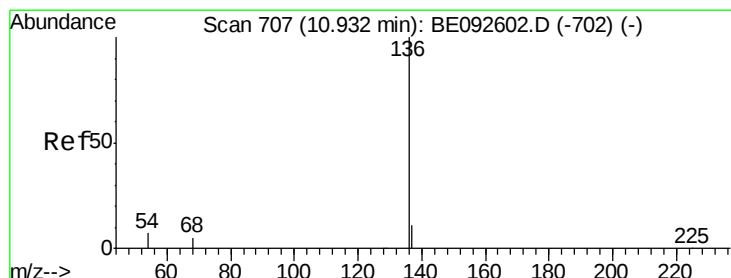
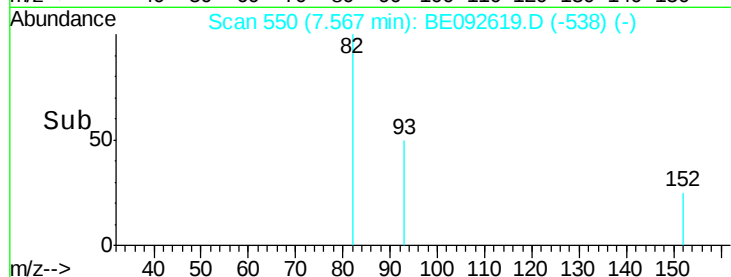
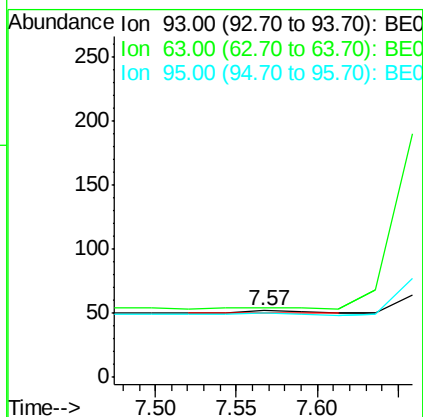
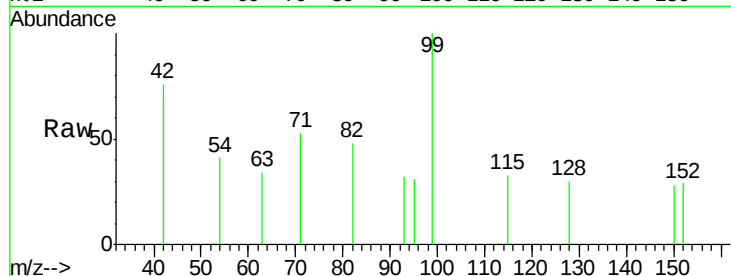
Tgt Ion: 93 Resp: 4

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 150.0 24.0 36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Tgt Ion: 136 Resp: 43073

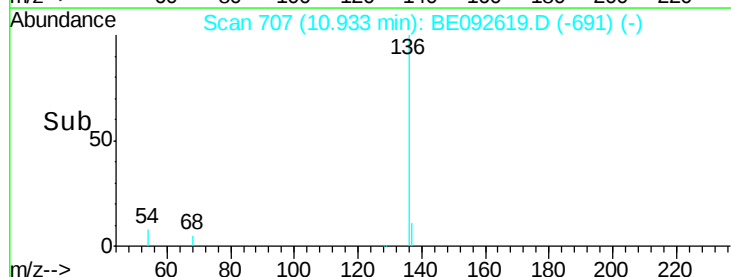
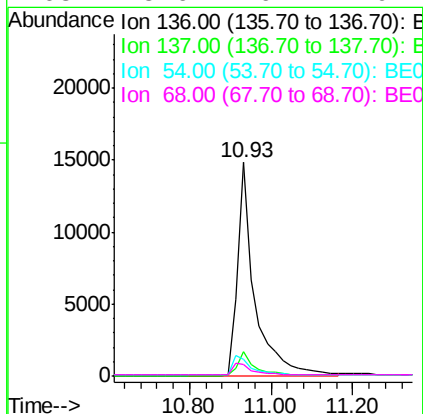
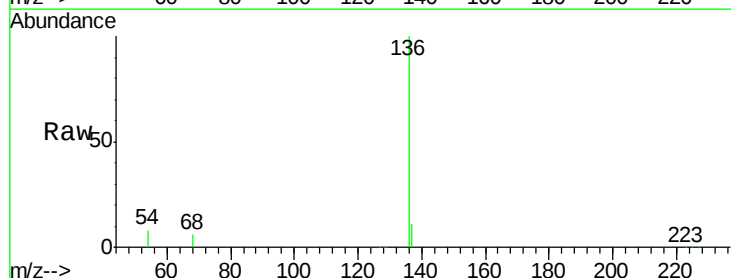
Ion Ratio Lower Upper

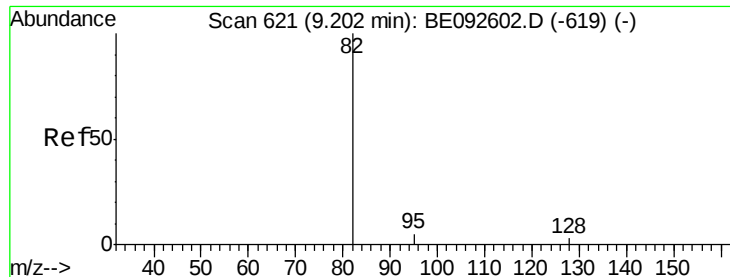
136 100

137 11.4 8.2 12.4

54 8.0 9.6 14.4#

68 5.6 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 3.89 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

ClientSampleId :

PB95532BL

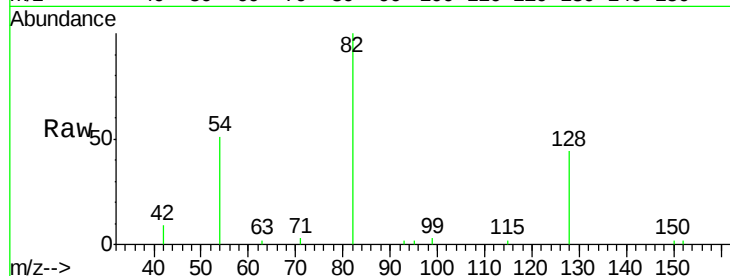
Tgt Ion: 82 Resp: 11458

Ion Ratio Lower Upper

82 100

128 43.6 39.0 58.4

54 50.6 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE092619.D (-615) (-)

Ion 128.00 (127.70 to 128.70): BE092619.D (-615) (-)

Ion 54.00 (53.70 to 54.70): BE092619.D (-615) (-)

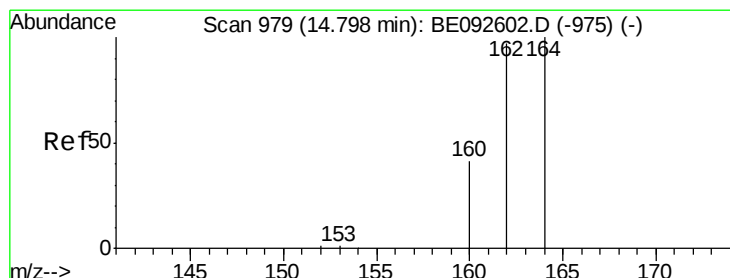
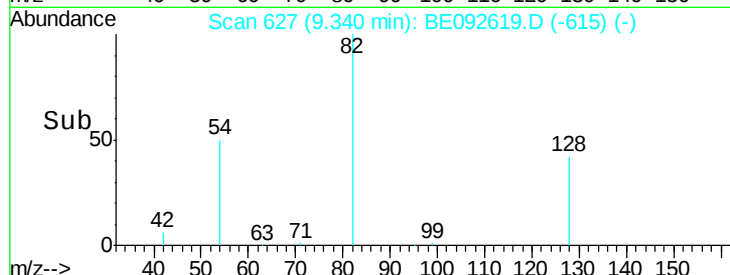
9.34

2000

1000

0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

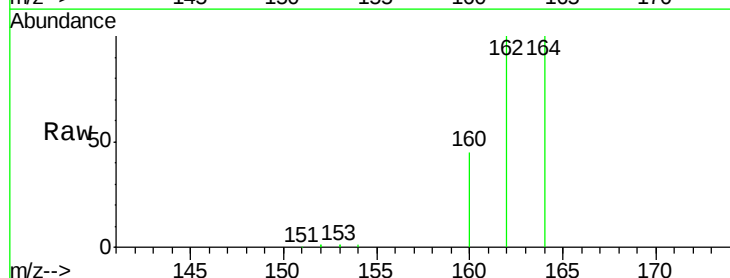
Tgt Ion: 164 Resp: 25694

Ion Ratio Lower Upper

164 100

162 100.4 71.4 107.0

160 45.5 27.4 41.2



Abundance Ion 164.00 (163.70 to 164.70): BE092619.D (-961) (-)

Ion 162.00 (161.70 to 162.70): BE092619.D (-961) (-)

Ion 160.00 (159.70 to 160.70): BE092619.D (-961) (-)

14.80

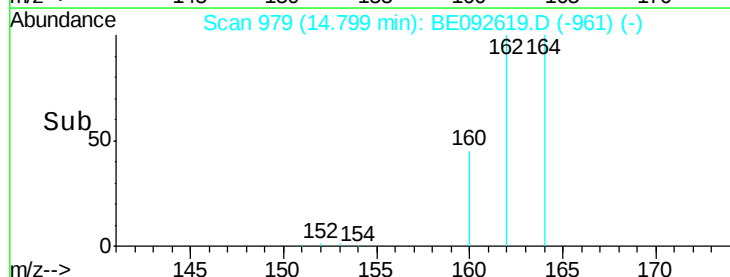
15000

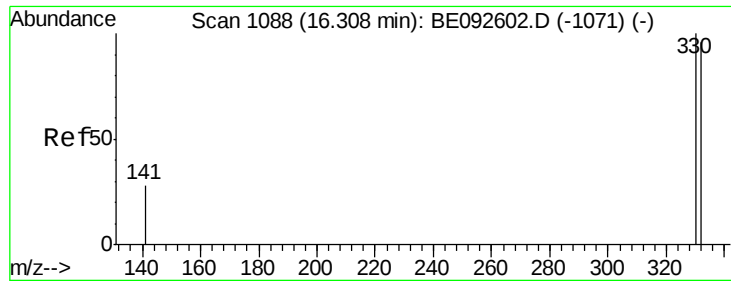
10000

5000

0

Time-->

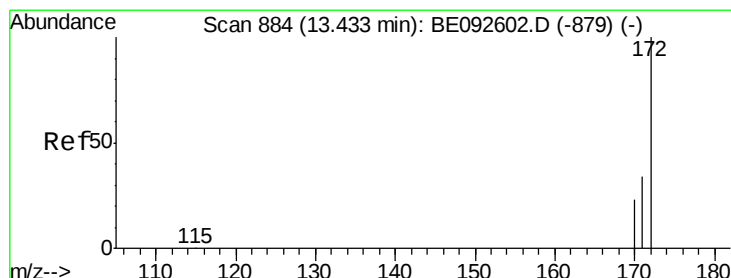
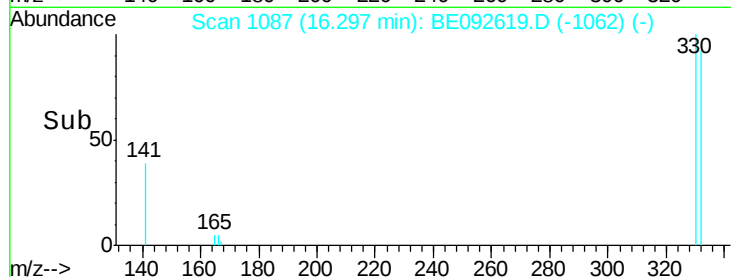
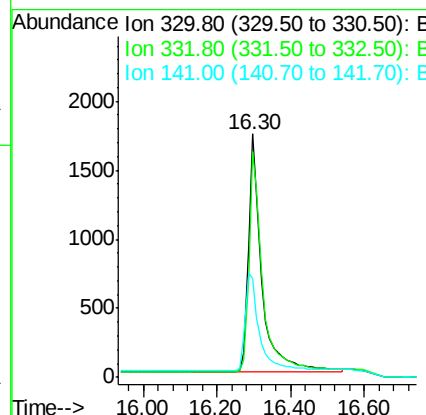
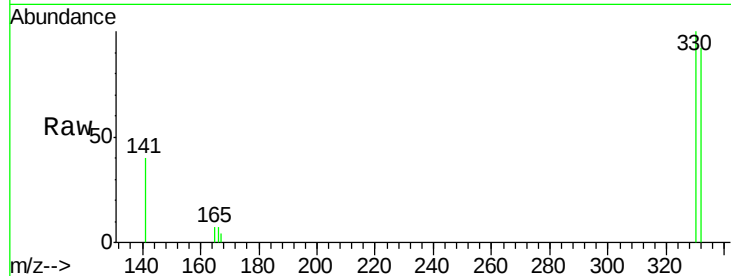




#13
 2,4,6-Tribromophenol
 Concen: 5.88 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092619.D
 Acq: 27 Dec 2016 12:27

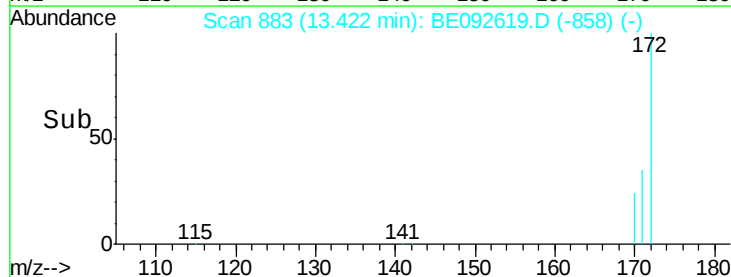
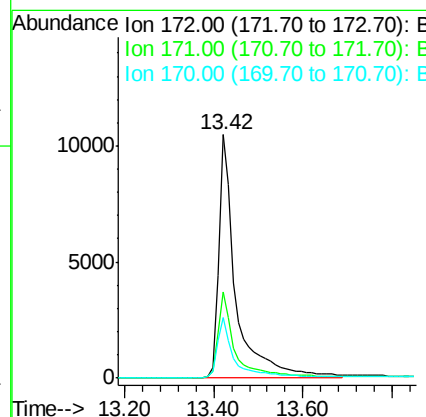
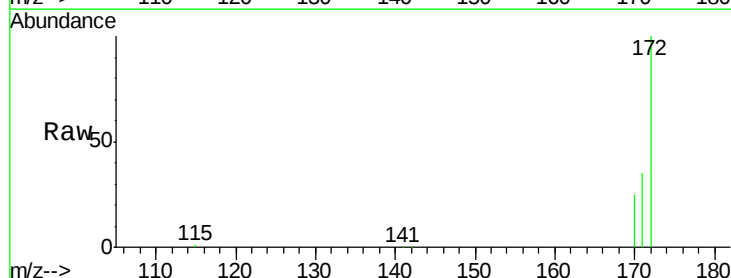
Instrument :
 BNA_E
 ClientSampleId :
 PB95532BL

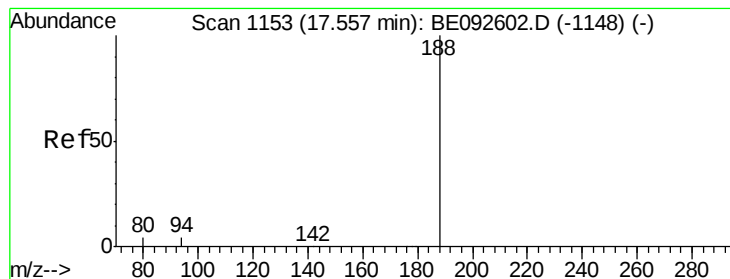
Tgt Ion: 330 Resp: 4329
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 44.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.46 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092619.D
 Acq: 27 Dec 2016 12:27

Tgt Ion: 172 Resp: 27427
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.1 45.1
 170 24.8 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

ClientSampleId :

PB95532BL

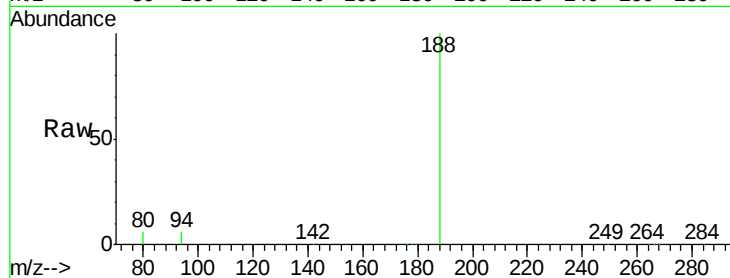
Tgt Ion:188 Resp: 52059

Ion Ratio Lower Upper

188 100

94 6.4 3.2 4.8#

80 6.1 2.6 3.8#

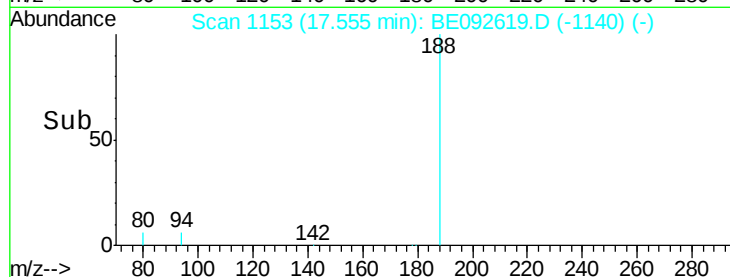


Abundance Ion 188.00 (187.70 to 188.70): E

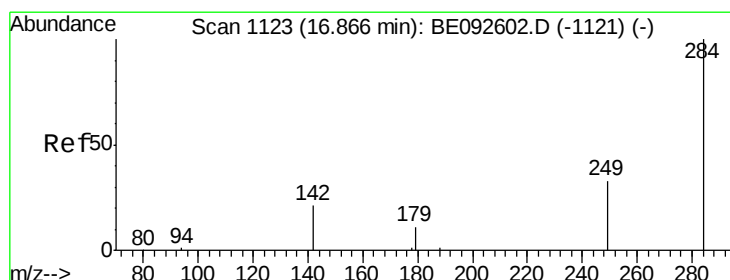
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



Time-->



#19

Hexachlorobenzene

Concen: 0.13 ng

RT: 16.66 min Scan# 1114

Delta R.T. -0.21 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

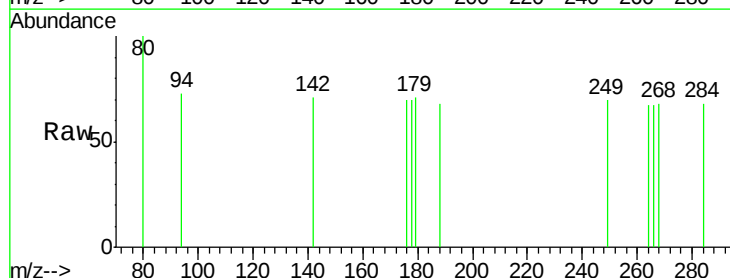
Tgt Ion:284 Resp: 280

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

249 102.1 27.9 41.9#

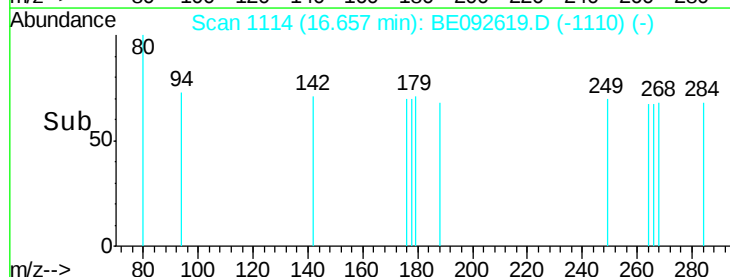


Abundance Ion 283.80 (283.50 to 284.50): E

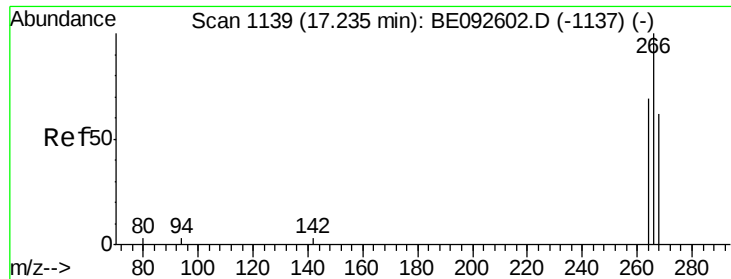
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



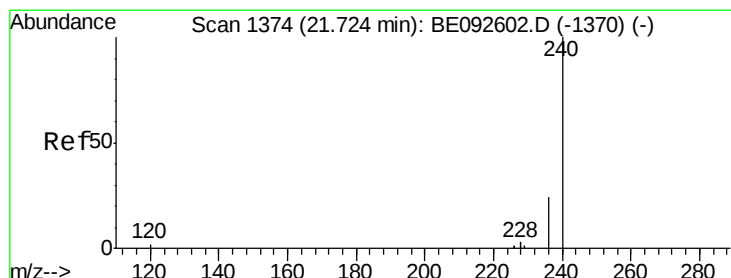
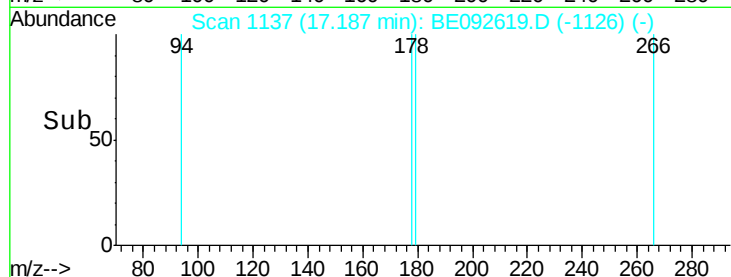
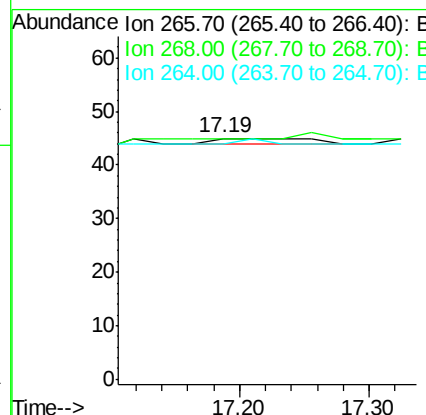
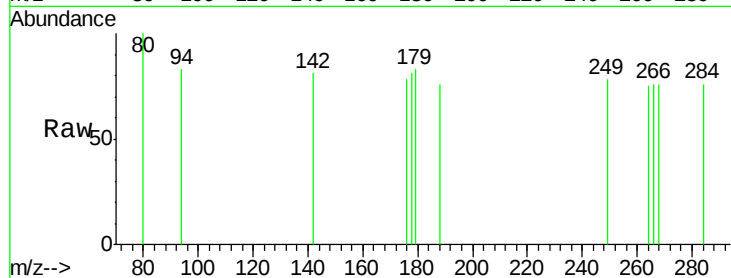
Time-->



#20
 Pentachlorophenol
 Concen: Below Cal
 RT: 17.19 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BE092619.D
 Acq: 27 Dec 2016 12:27

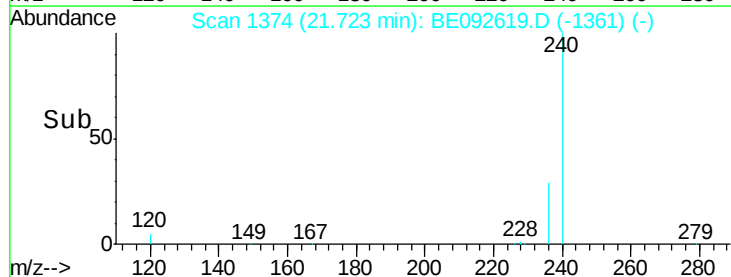
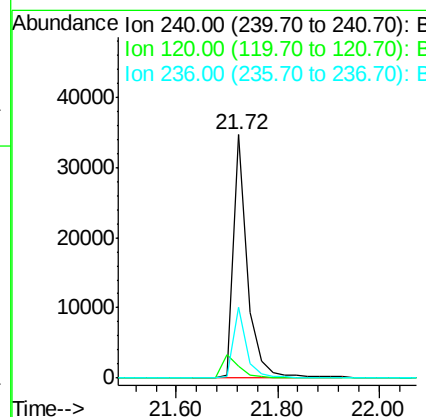
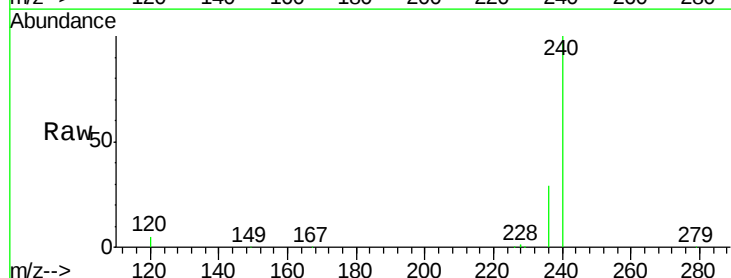
Instrument :
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 PB95532BL

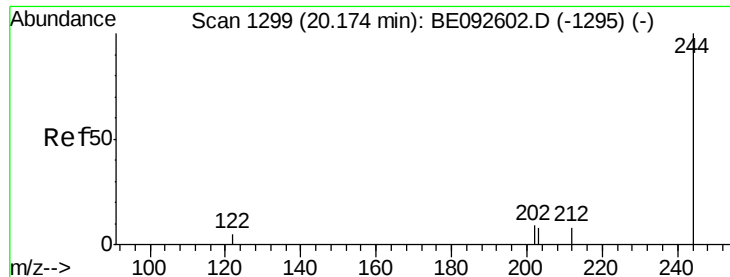
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 97.8 57.2 85.8#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092619.D
 Acq: 27 Dec 2016 12:27

Tgt Ion: 240 Resp: 66346
 Ion Ratio Lower Upper
 240 100
 120 5.0 2.6 4.0#
 236 29.2 24.6 37.0





#26

Terphenyl-d14

Concen: 4.51 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

ClientSampleId :

PB95532BL

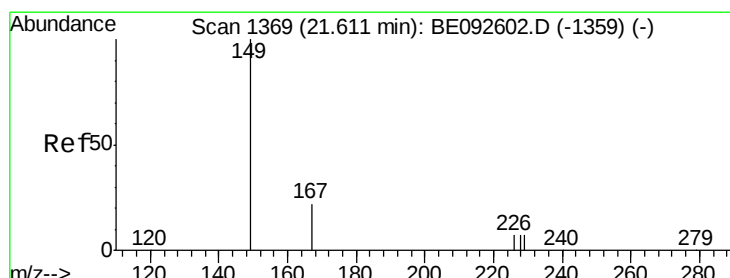
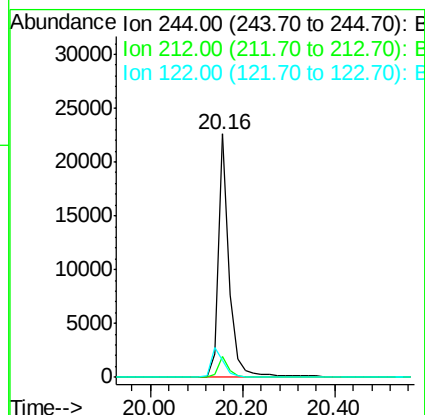
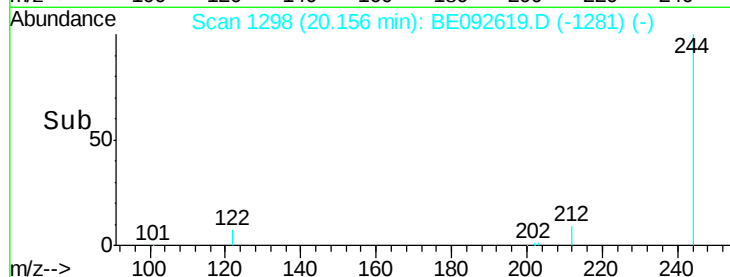
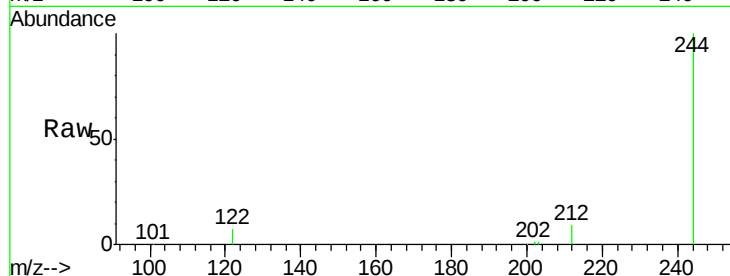
Tgt Ion:244 Resp: 36731

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

122 7.0 3.6 5.4#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.02 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

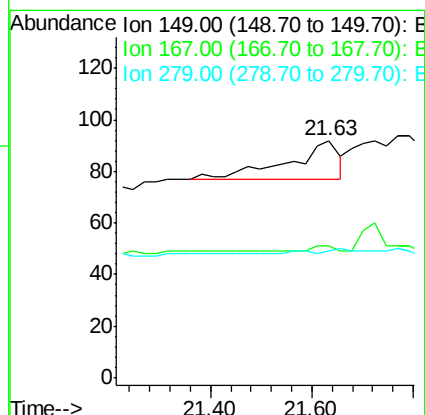
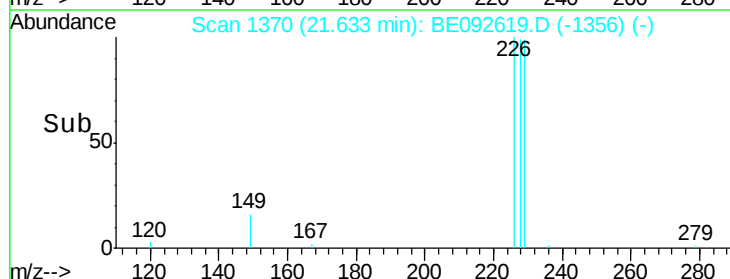
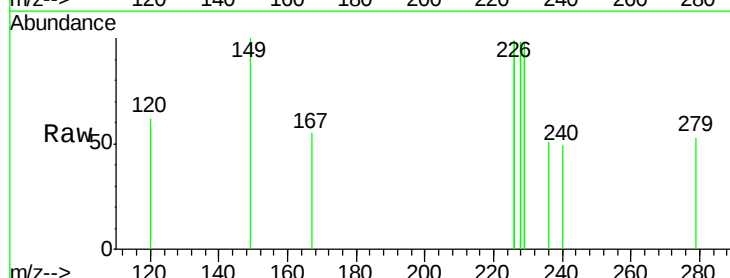
Tgt Ion:149 Resp: 105

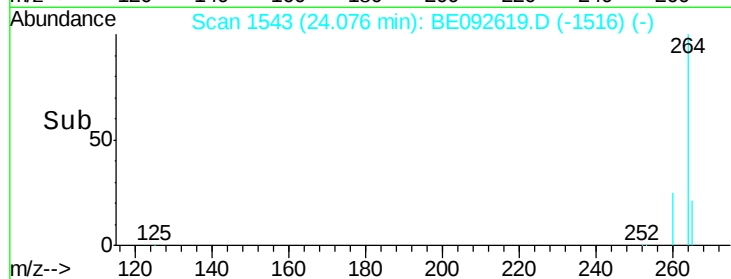
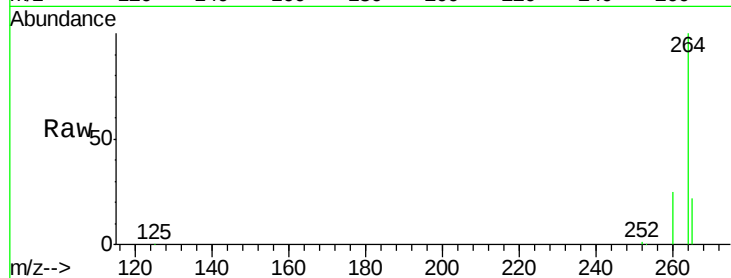
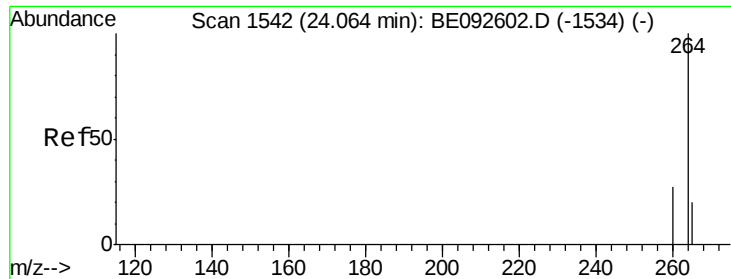
Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

279 0.0 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE092619.D

Acq: 27 Dec 2016 12:27

Instrument :

BNA_E

ClientSampleId :

PB95532BL

Tgt Ion: 264 Resp: 65841

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 21.6 17.9 26.9

