

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
 Data File : BE092747.D
 Acq On : 20 Feb 2017 14:43
 Operator : SJ/MA
 Sample : PB97065BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97065BL

Quant Time: Feb 20 17:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

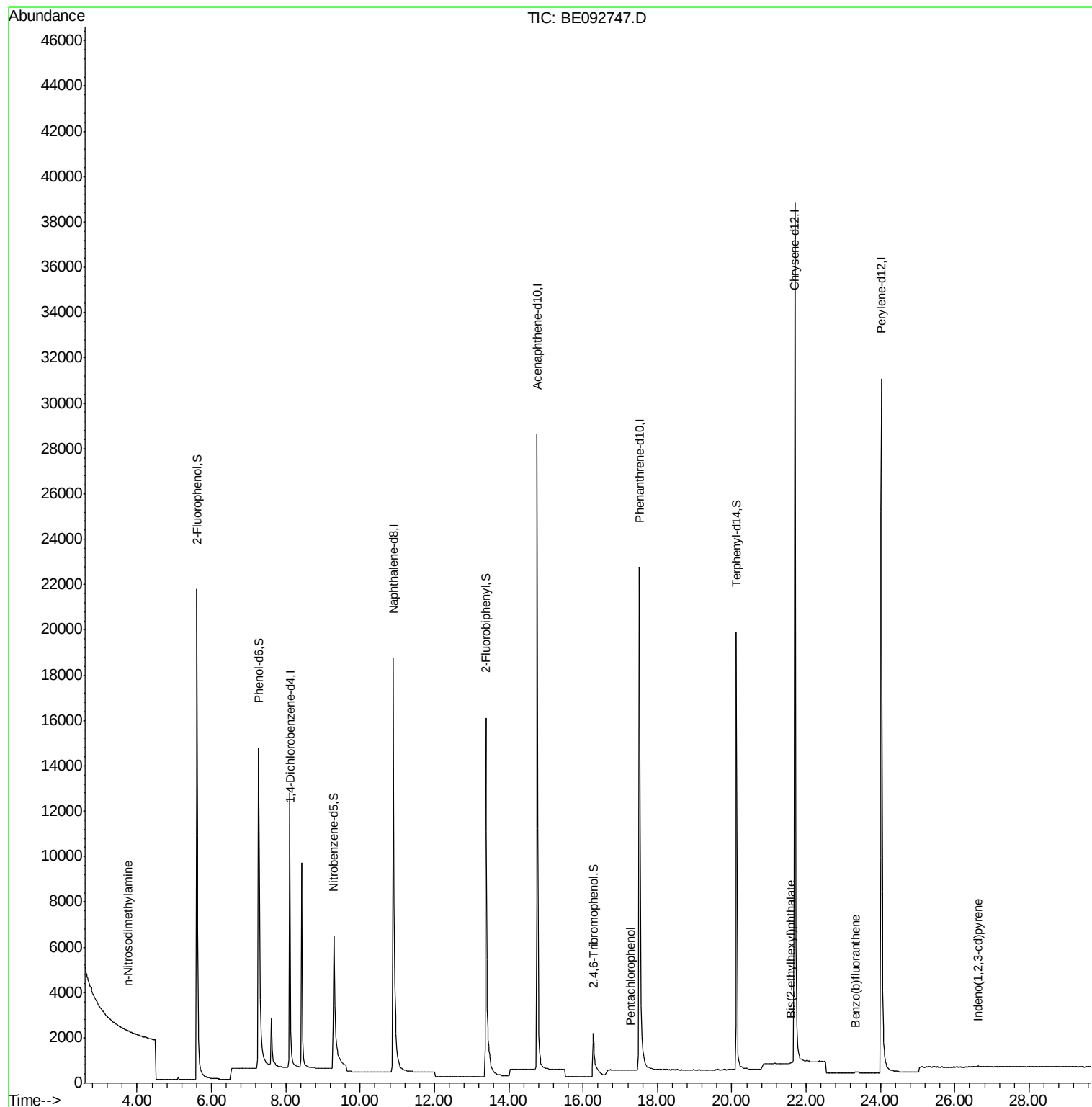
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10160	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	42435	5.00	ng	0.00
12) Acenaphthene-d10	14.76	164	21374	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	45284	5.00	ng	0.00
24) Chrysene-d12	21.70	240	52895	5.00	ng	0.00
31) Perylene-d12	24.03	264	50004	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	20919	10.58	ng	-0.02
5) Phenol-d6	7.27	99	24830	10.24	ng	-0.05
8) Nitrobenzene-d5	9.29	82	10669	3.74	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	3556	7.84	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	25466	4.89	ng	-0.01
26) Terphenyl-d14	20.12	244	29982	4.44	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.49	88	1	Below Cal	#	19
3) n-Nitrosodimethylamine	3.74	42	15	0.22 ng	#	2
20) Pentachlorophenol	17.28	266	4	0.26 ng	#	72
29) Bis(2-ethylhexyl)phthalate	21.59	149	98	0.07 ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.62	276	217	0.03 ng	#	69
32) Benzo(b)fluoranthene	23.33	252	75	0.04 ng	#	1

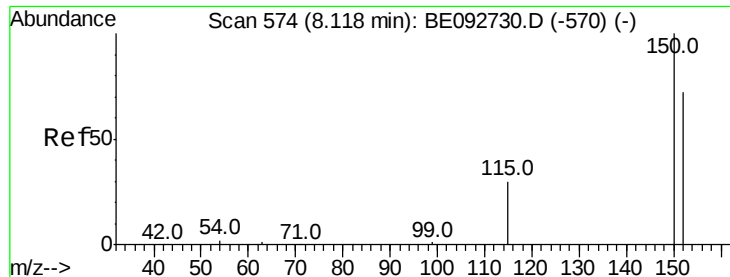
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
Data File : BE092747.D
Acq On : 20 Feb 2017 14:43
Operator : SJ/MA
Sample : PB97065BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB97065BL

Quant Time: Feb 20 17:09:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. 0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

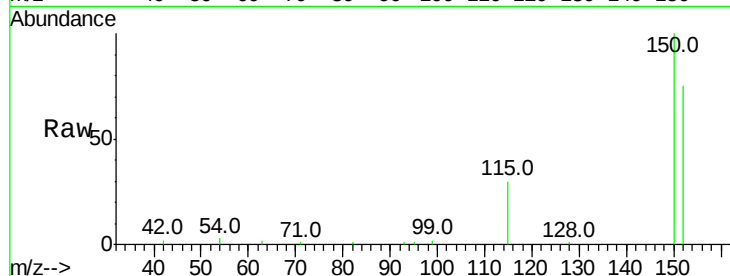
Tot Ion:152 Resp: 10160

Ion Ratio Lower Upper

152 100

150 133.3 106.0 159.0

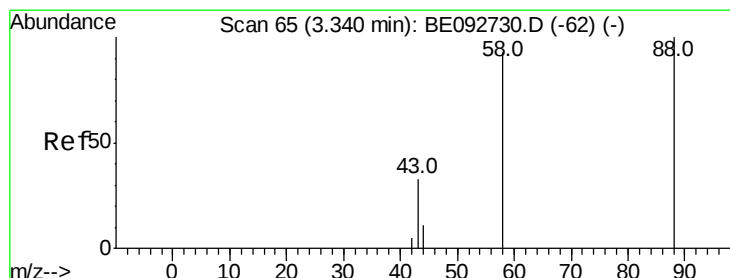
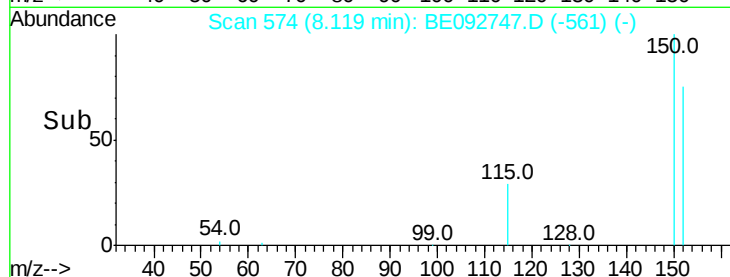
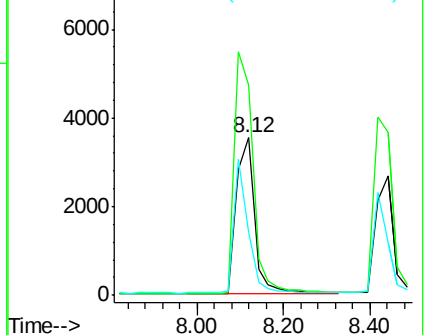
115 39.7 31.2 46.8



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.49 min Scan# 78

Delta R.T. 0.15 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

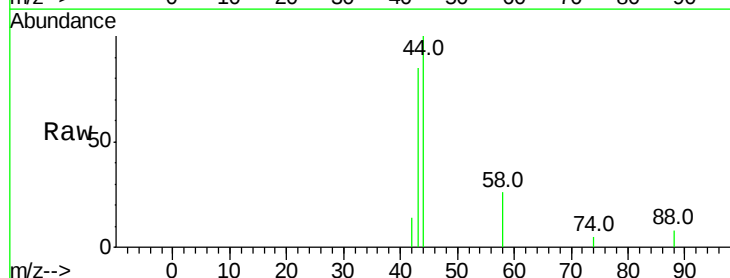
Tgt Ion: 88 Resp: 1

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

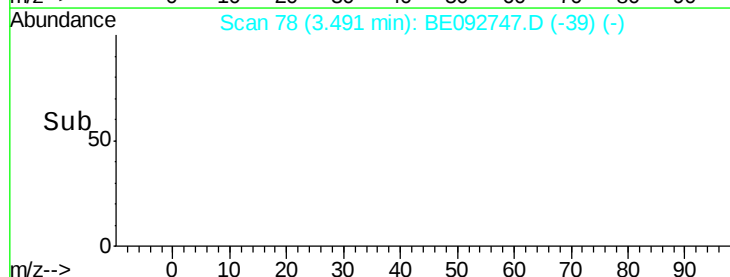
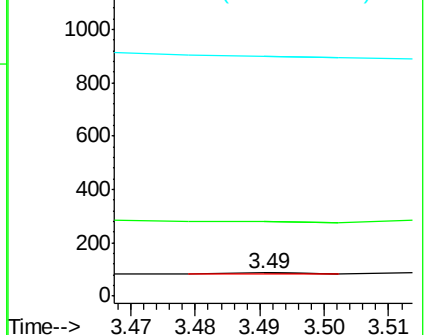
43 0.0 28.0 42.0#

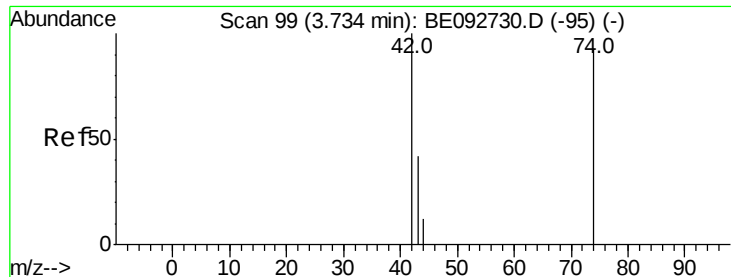


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.74 min Scan# 100

Delta R.T. 0.01 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

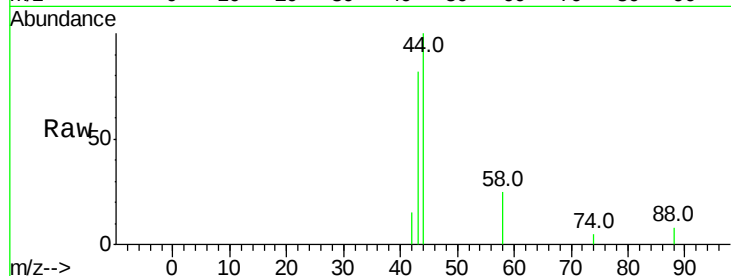
Tot Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

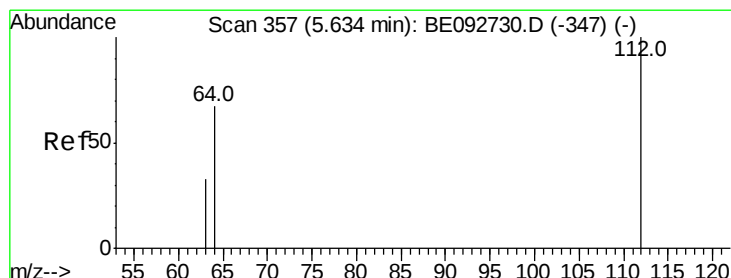
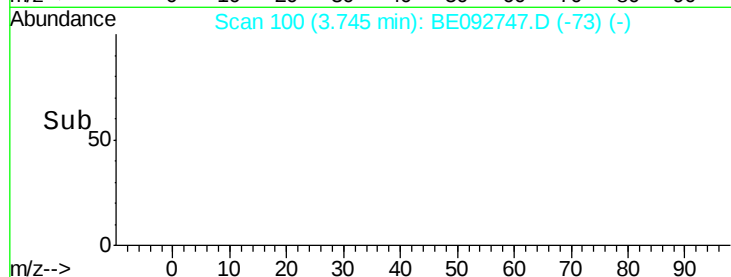
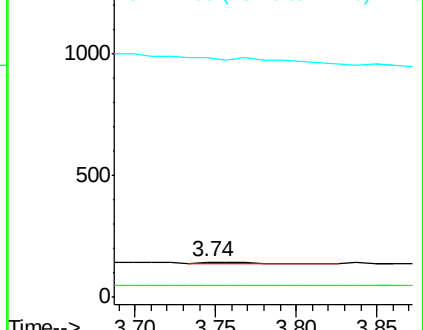
44 0.0 5.1 7.7#



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: 10.58 ng

RT: 5.61 min Scan# 353

Delta R.T. -0.02 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

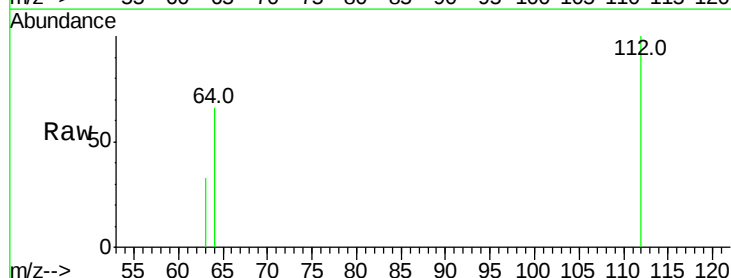
Tgt Ion: 112 Resp: 20919

Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

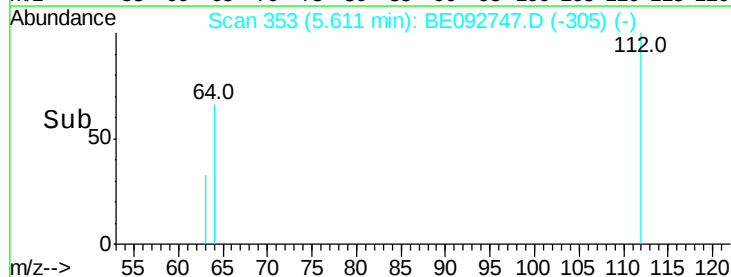
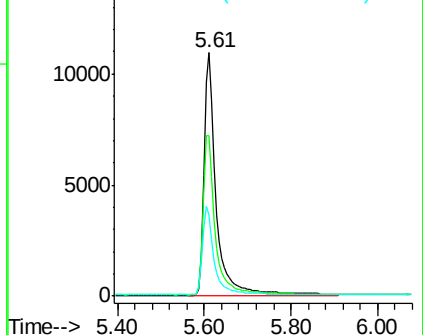
63 36.7 27.9 41.9

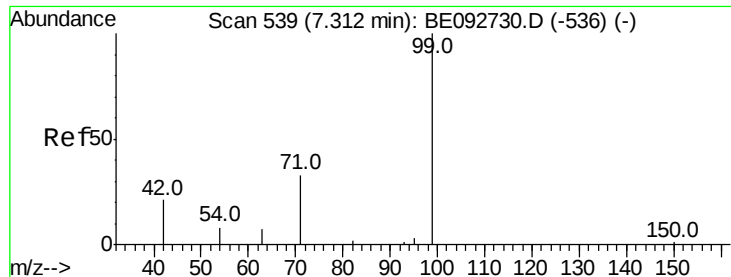


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 10.24 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

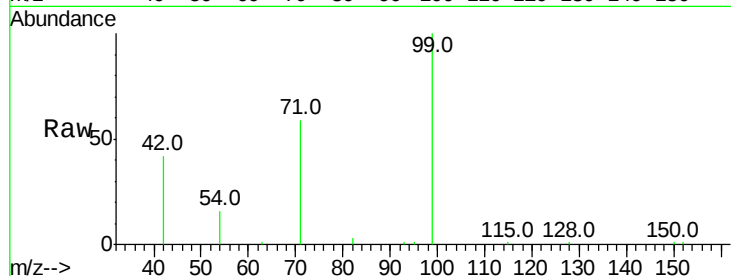
Tot Ion: 99 Resp: 24830

Ion Ratio Lower Upper

99 100

42 25.6 16.0 24.0#

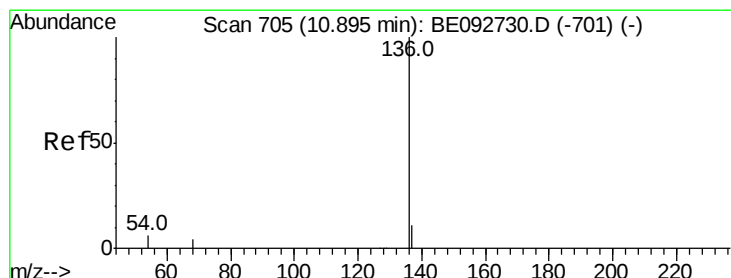
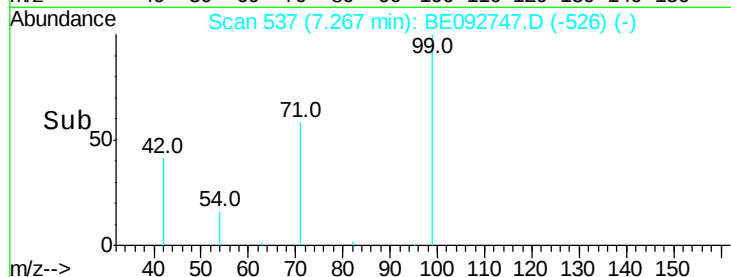
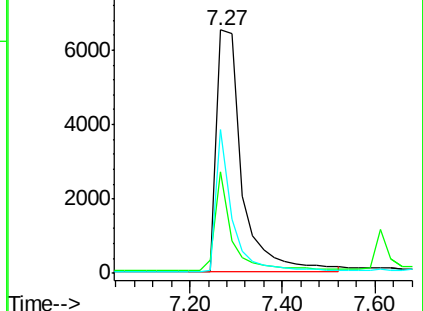
71 37.4 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.89 min Scan# 705

Delta R.T. 0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Tgt Ion: 136 Resp: 42435

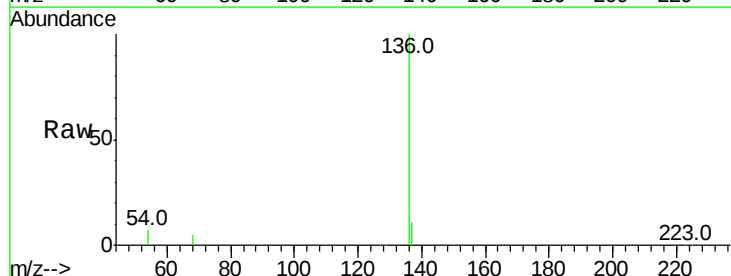
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 7.5 9.6 14.4#

68 5.4 6.7 10.1#

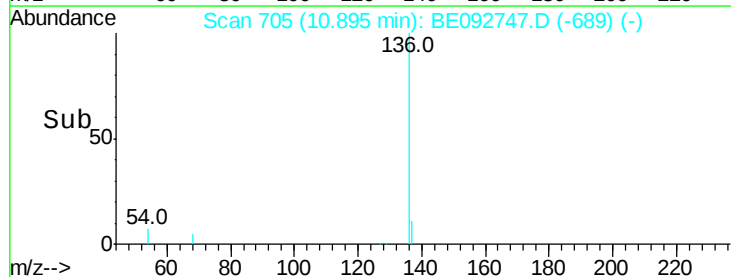
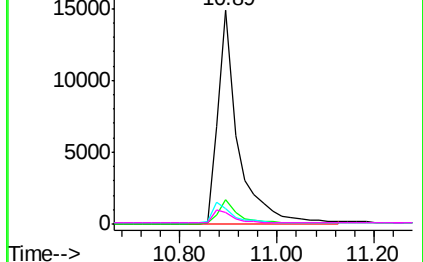


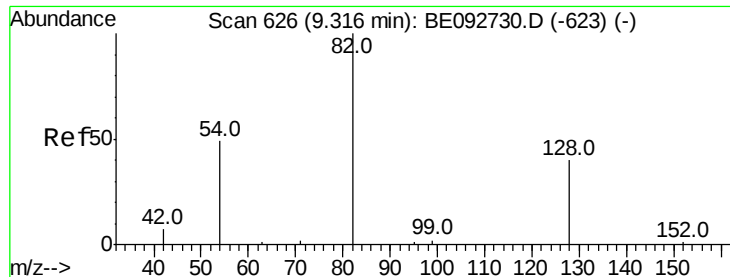
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 3.74 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

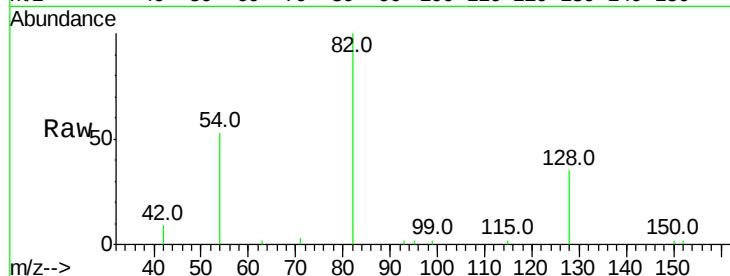
Tot Ion: 82 Resp: 10669

Ion Ratio Lower Upper

82 100

128 35.4 39.0 58.4#

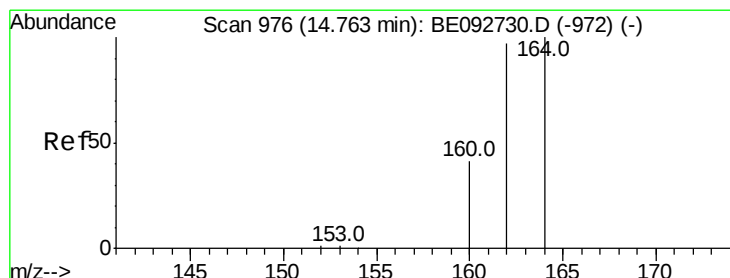
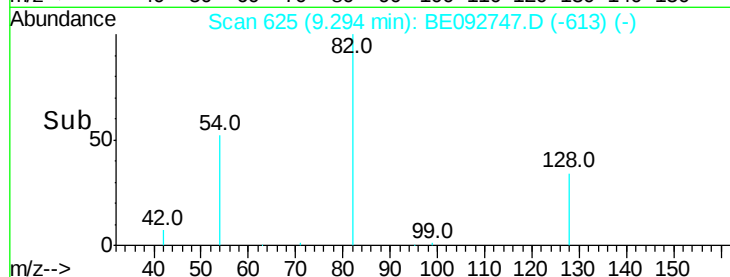
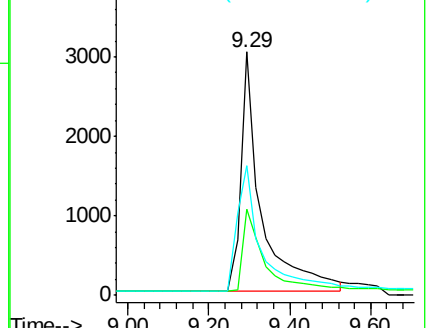
54 53.3 44.8 67.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.76 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

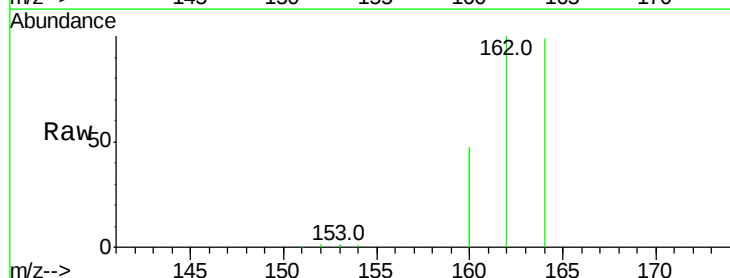
Tgt Ion: 164 Resp: 21374

Ion Ratio Lower Upper

164 100

162 100.8 71.4 107.0

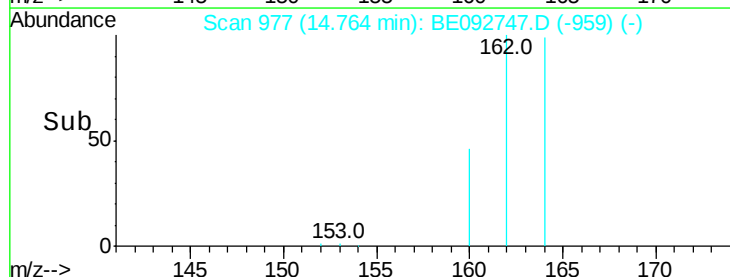
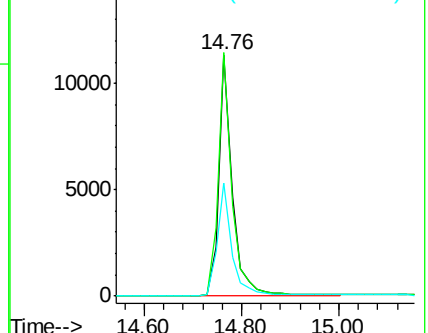
160 46.9 27.4 41.2#

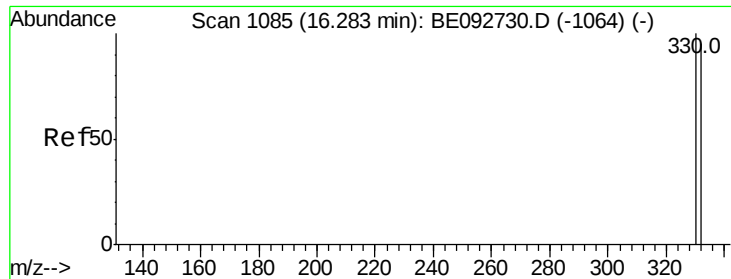


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

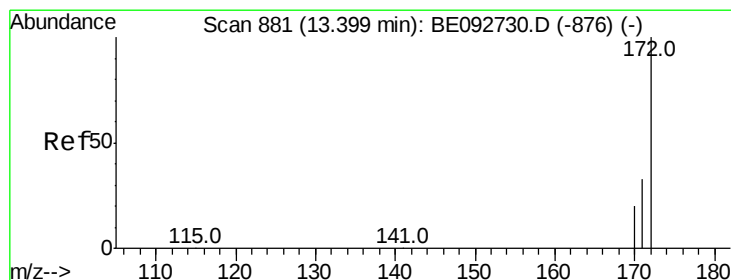
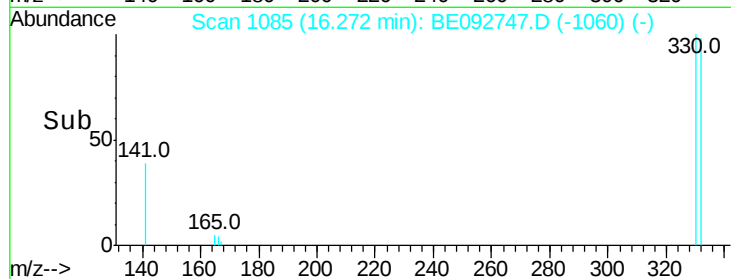
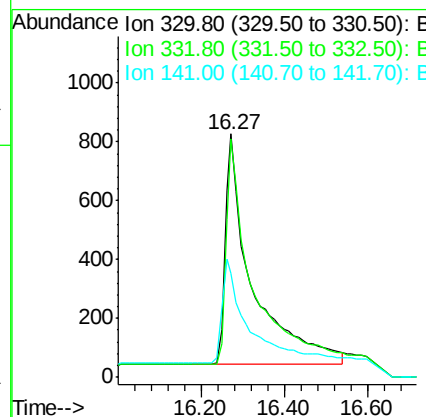
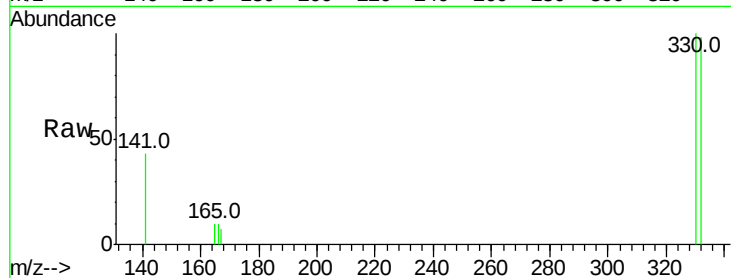




#13
 2,4,6-Tribromophenol
 Concen: 7.84 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BE092747.D
 Acq: 20 Feb 2017 14:43

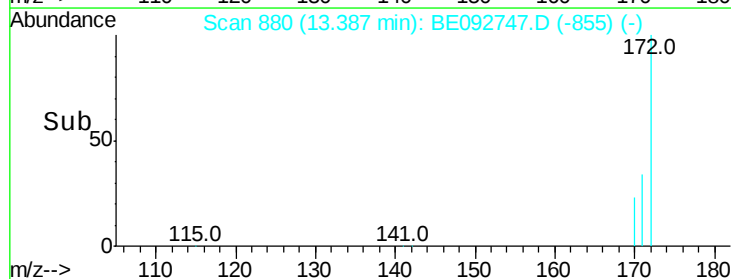
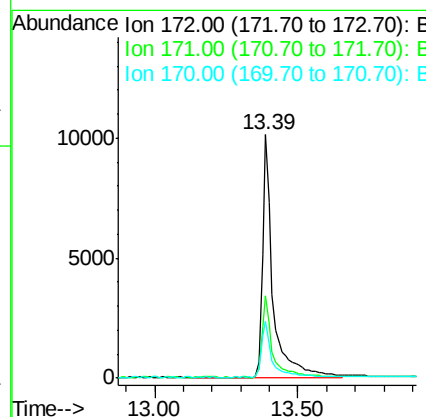
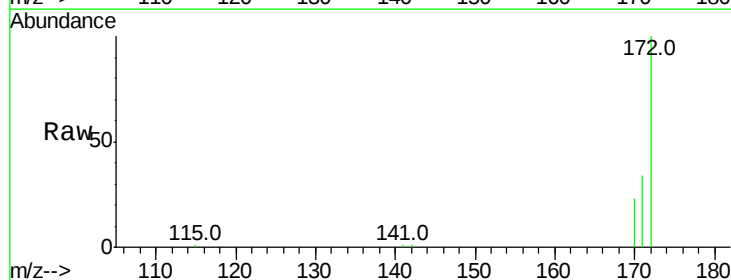
Instrument :
 BNA_E
 ClientSampleId :
 PB97065BL

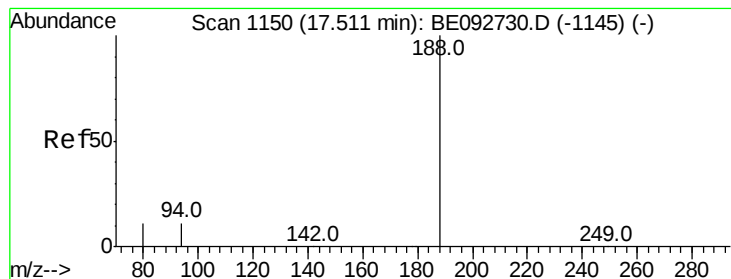
Tot Ion:330 Resp: 3556
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 46.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.89 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092747.D
 Acq: 20 Feb 2017 14:43

Tgt Ion:172 Resp: 25466
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.1 45.1
 170 23.1 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

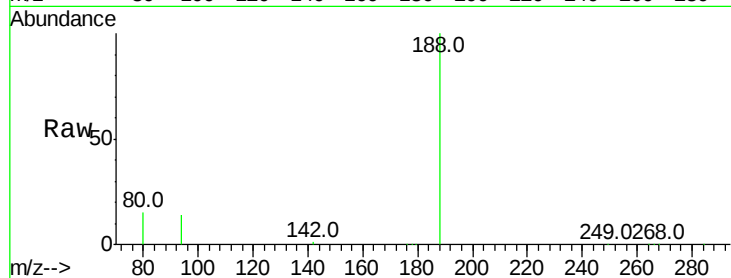
Tot Ion:188 Resp: 45284

Ion Ratio Lower Upper

188 100

94 14.2 3.2 4.8#

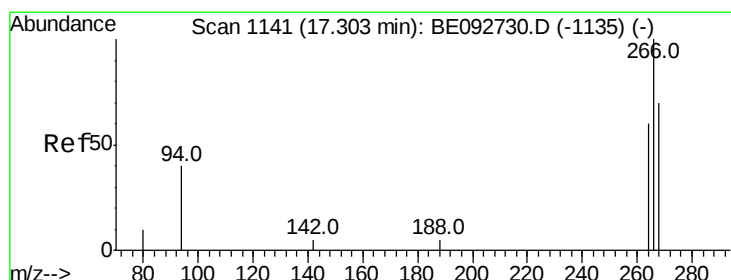
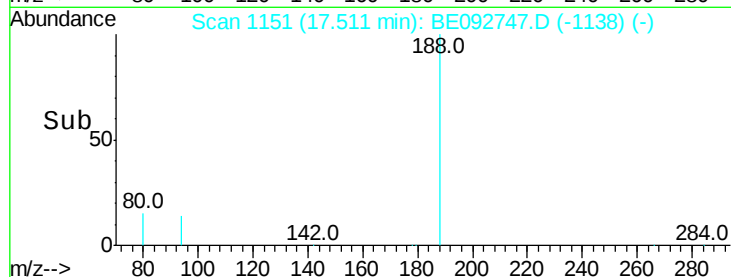
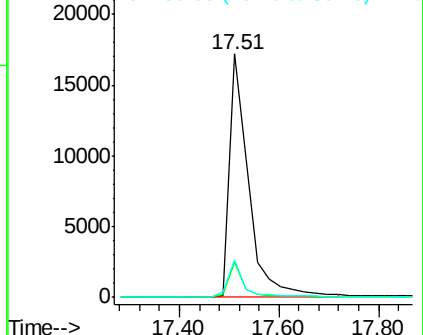
80 15.2 2.6 3.8#



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



#20

Pentachlorophenol

Concen: 0.26 ng

RT: 17.28 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

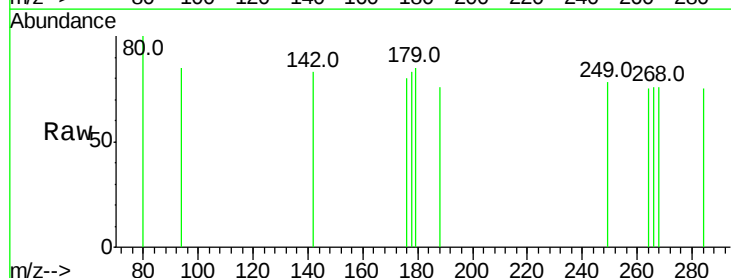
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

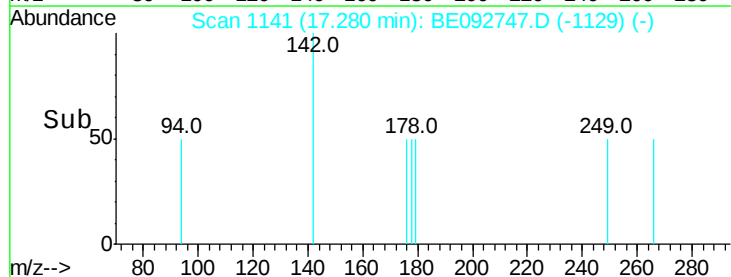
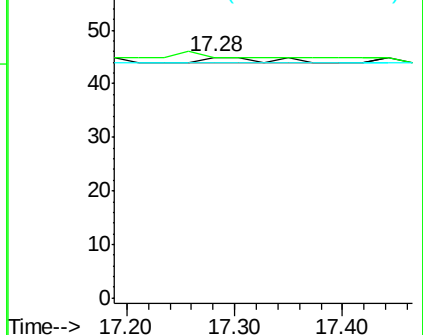
264 97.8 57.2 85.8#

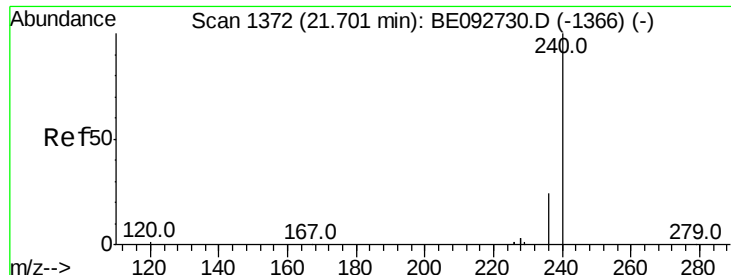


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

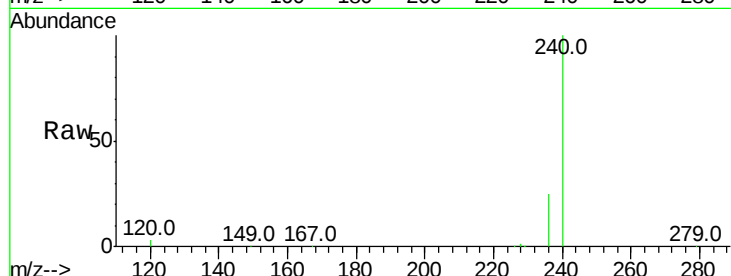
Tot Ion:240 Resp: 52895

Ion Ratio Lower Upper

240 100

120 2.5 2.6 4.0#

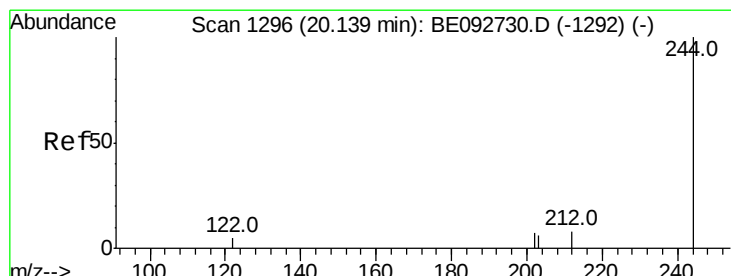
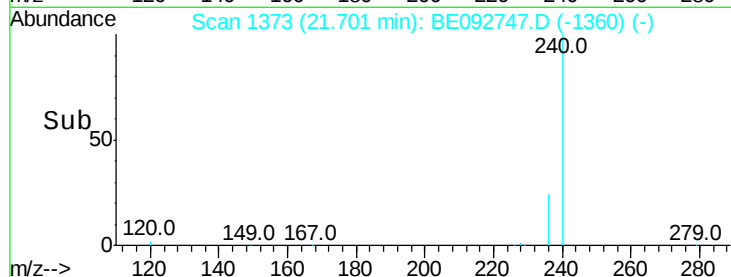
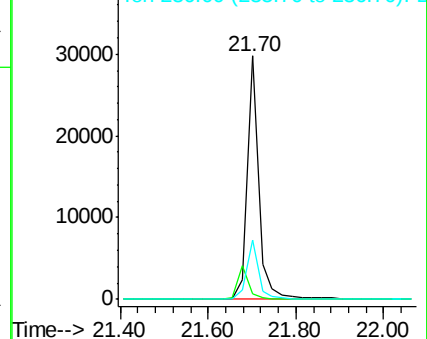
236 24.6 24.6 37.0#



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



#26

Terphenyl-d14

Concen: 4.44 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

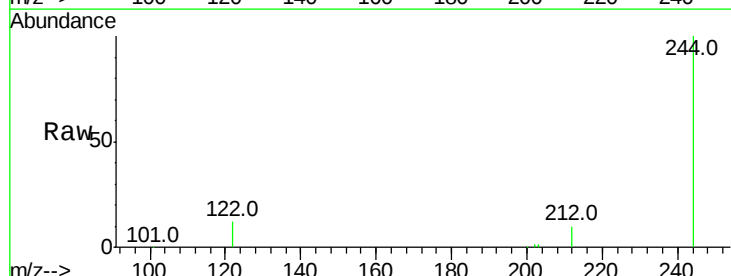
Tgt Ion:244 Resp: 29982

Ion Ratio Lower Upper

244 100

212 9.5 6.7 10.1

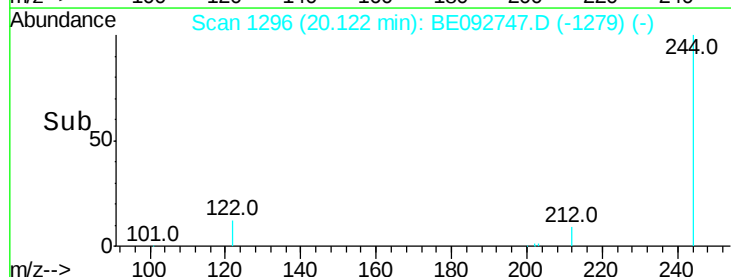
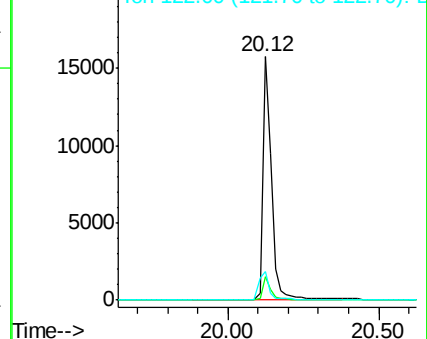
122 11.8 3.6 5.4#

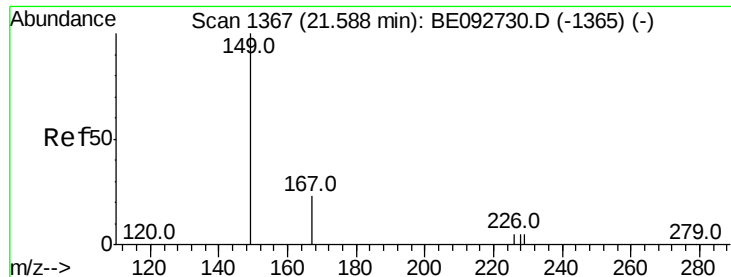


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

Instrument :

BNA_E

ClientSampleId :

PB97065BL

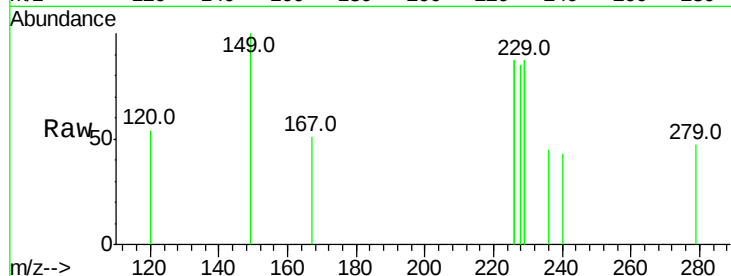
Tot Ion:149 Resp: 98

Ion Ratio Lower Upper

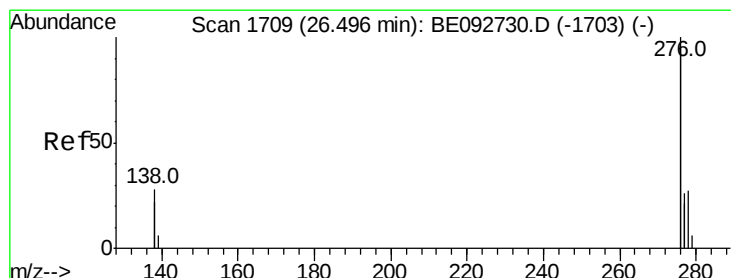
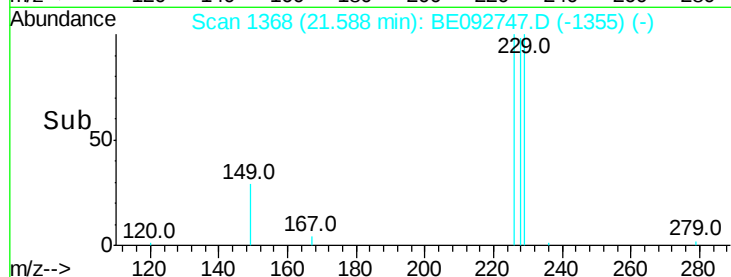
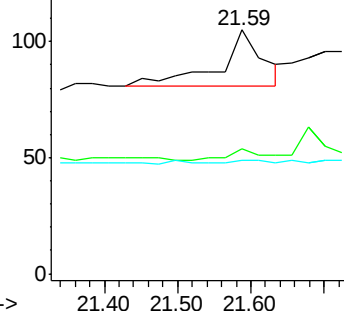
149 100

167 12.2 16.0 24.0#

279 3.1 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.12 min

Lab File: BE092747.D

Acq: 20 Feb 2017 14:43

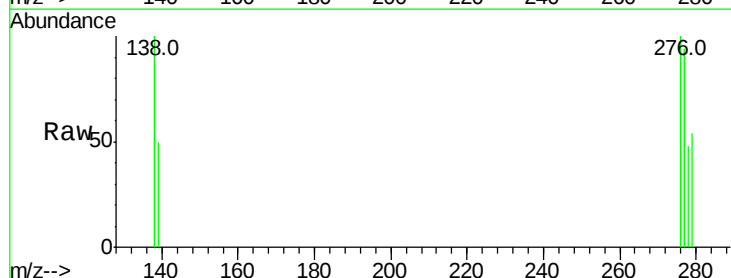
Tgt Ion:276 Resp: 217

Ion Ratio Lower Upper

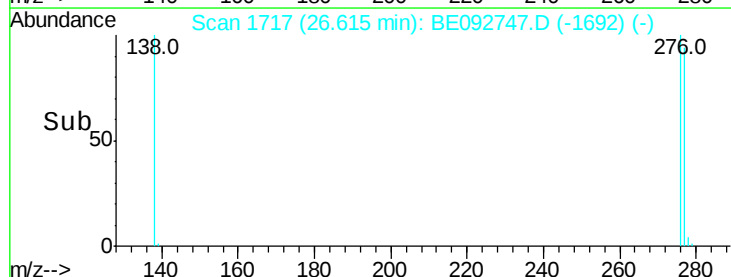
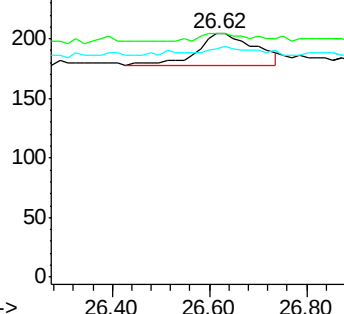
276 100

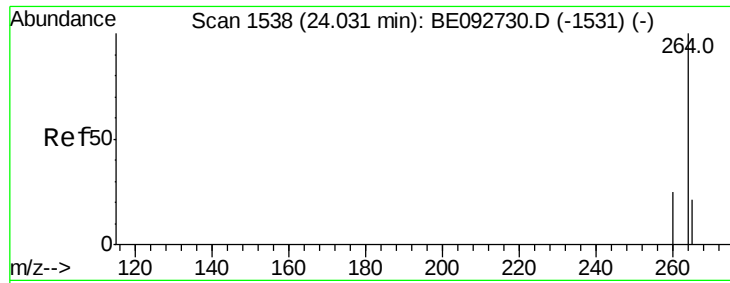
138 18.9 20.3 30.5#

277 0.0 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

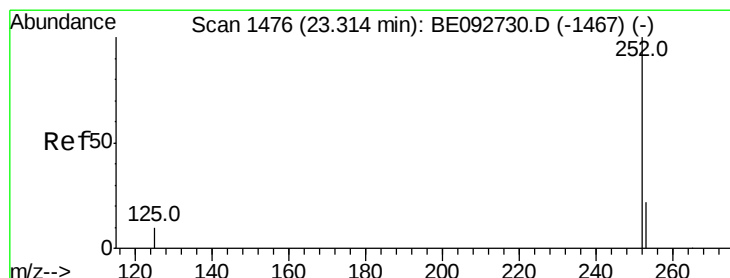
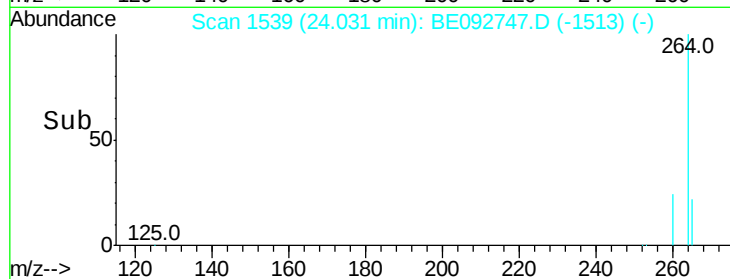
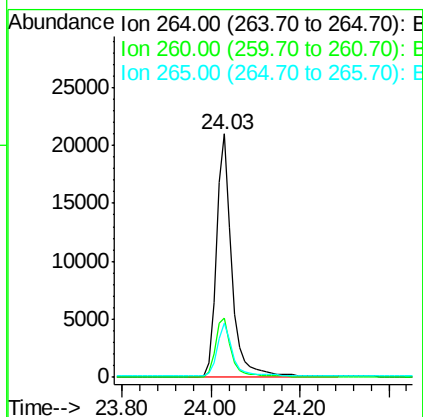
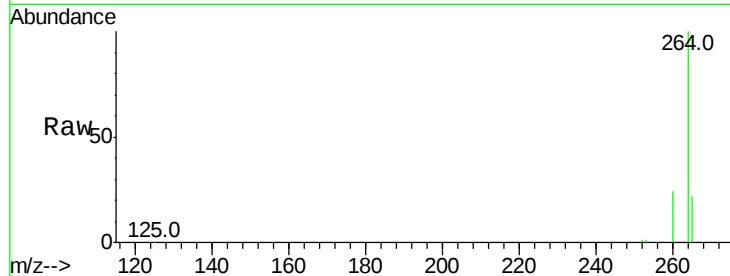




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE092747.D
Acq: 20 Feb 2017 14:43

Instrument :
BNA_E
ClientSampleId :
PB97065BL

Tot Ion:264 Resp: 50004
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 22.3 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.33 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BE092747.D
Acq: 20 Feb 2017 14:43

Tgt Ion:252 Resp: 75
Ion Ratio Lower Upper
252 100
253 101.1 18.7 28.1#
125 80.2 10.5 15.7#

