

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : BE092643.D
 Acq On : 11 Jan 2017 16:12
 Operator : UM/SJ
 Sample : I1100-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 16:53:54 2017
 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

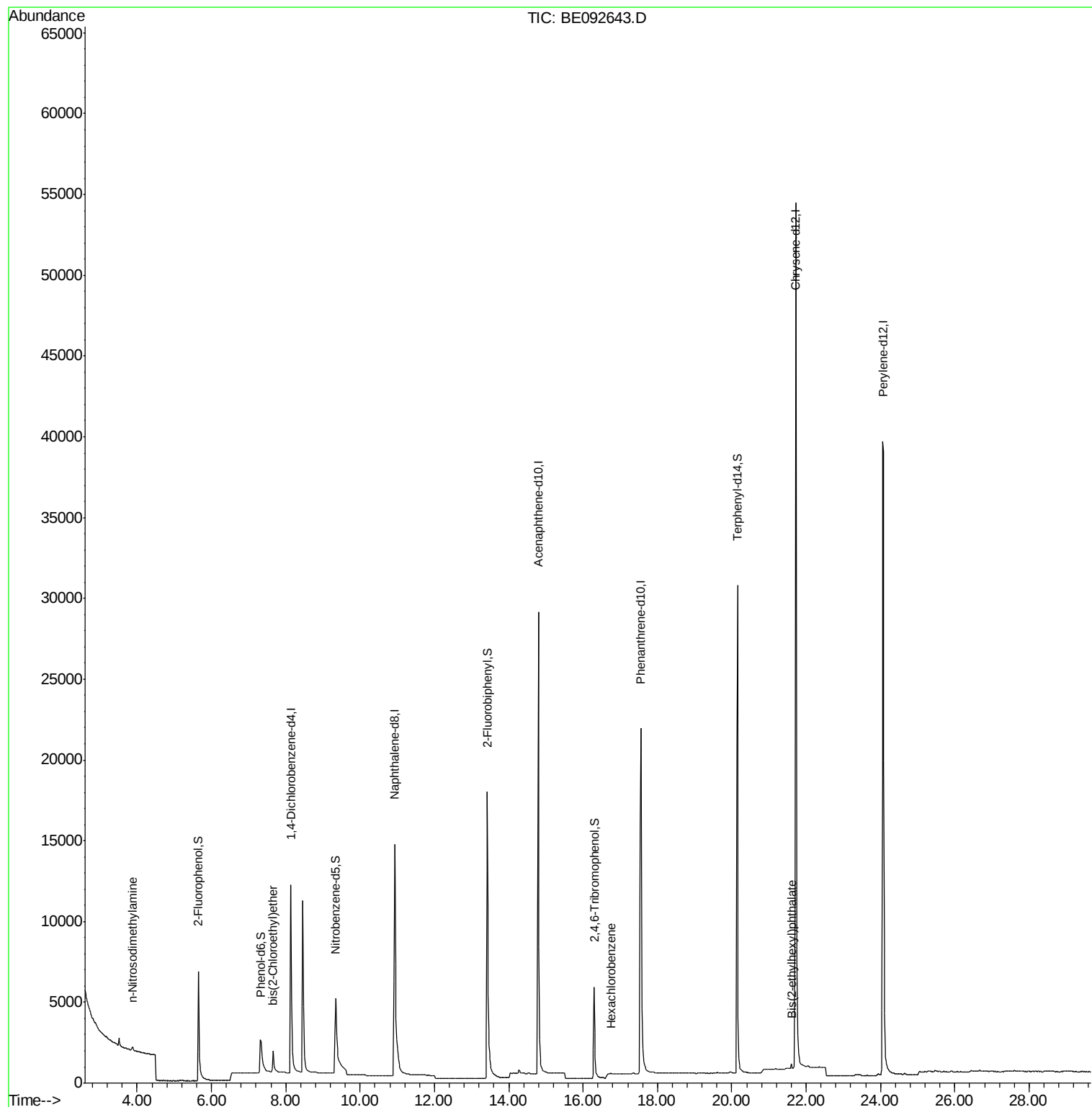
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7964	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	34206	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22468	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	49014	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71674	5.00	ng	0.00
31) Perylene-d12	24.06	264	66959	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	7750	5.08	ng	-0.03
5) Phenol-d6	7.34	99	5505	2.47	ng	-0.05
8) Nitrobenzene-d5	9.34	82	10180	4.33	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	5596	8.61	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	27718	5.16	ng	-0.01
26) Terphenyl-d14	20.16	244	47528	5.41	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.39	88	69	Below Cal	#	19
3) n-Nitrosodimethylamine	3.88	42	58	0.24 ng	#	2
6) bis(2-Chloroethyl)ether	7.66	93	32	0.12 ng	#	1
19) Hexachlorobenzene	16.75	284	528	0.25 ng	#	39
20) Pentachlorophenol	17.26	266	1	Below Cal	#	70
29) Bis(2-ethylhexyl)phthalate	21.61	149	522	0.14 ng	#	76

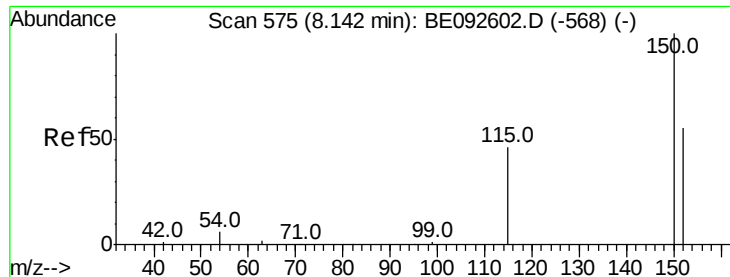
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092643.D
Acq On : 11 Jan 2017 16:12
Operator : UM/SJ
Sample : I1100-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 11 16:53:54 2017
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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

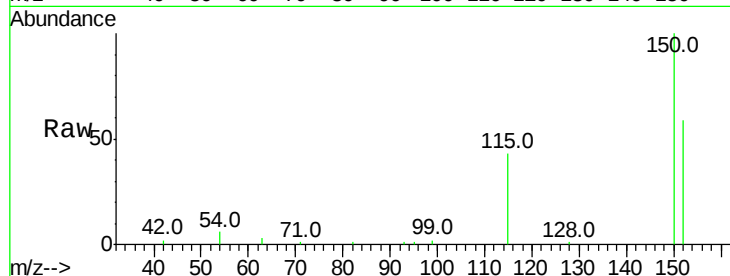
Tot Ion:152 Resp: 7964

Ion Ratio Lower Upper

152 100

150 169.4 106.0 159.0#

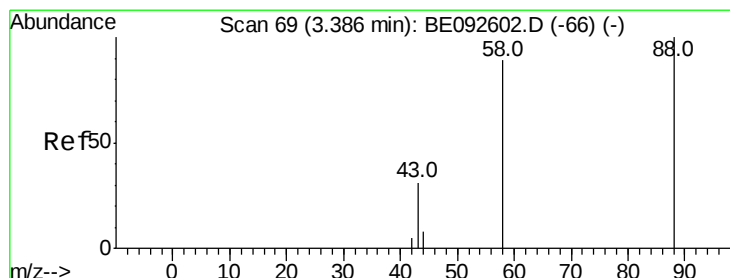
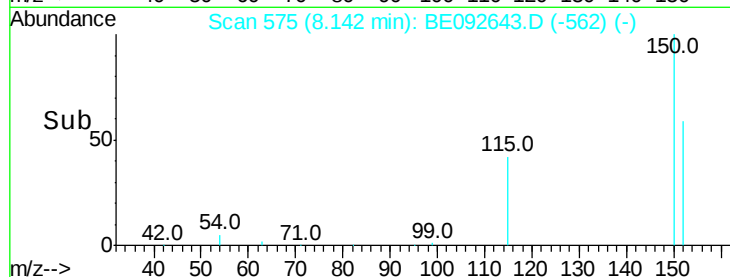
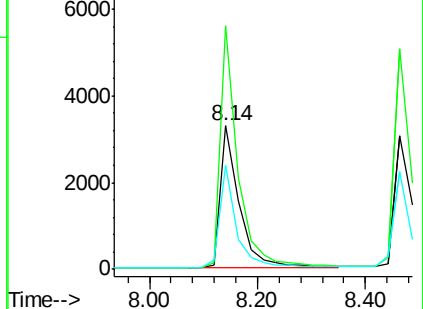
115 72.6 31.2 46.8#



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: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

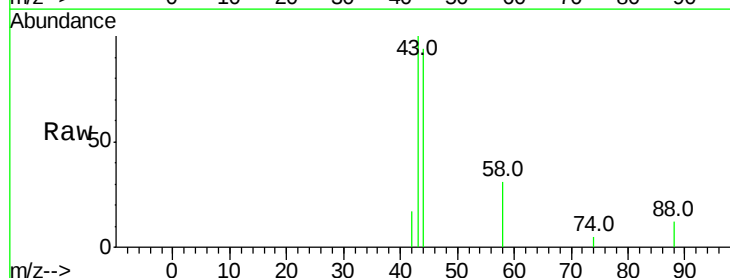
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

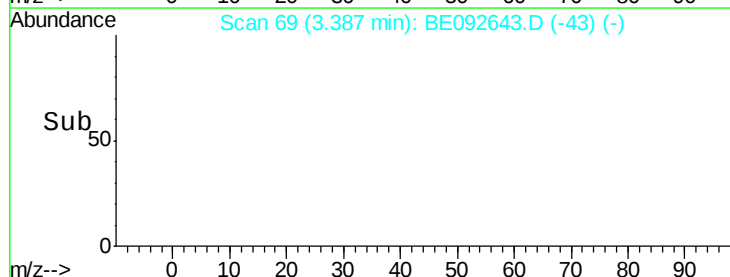
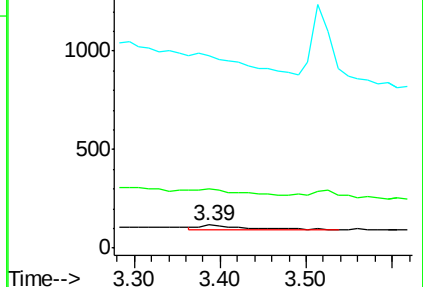
43 0.0 28.0 42.0#

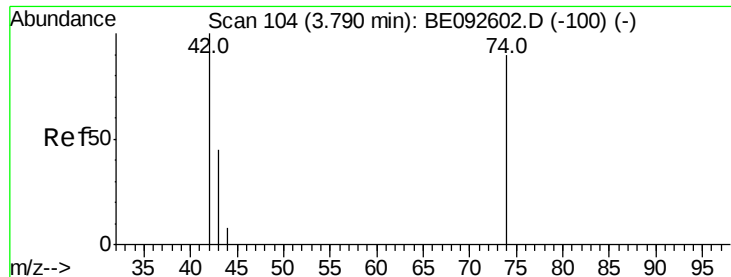


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



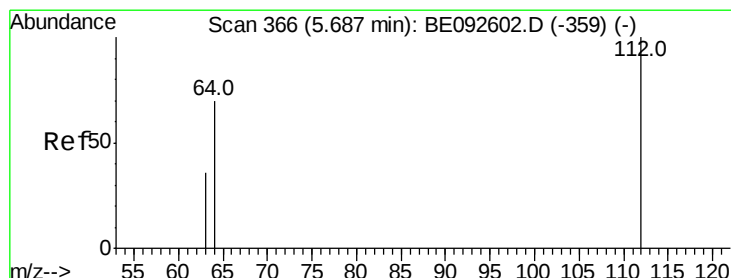
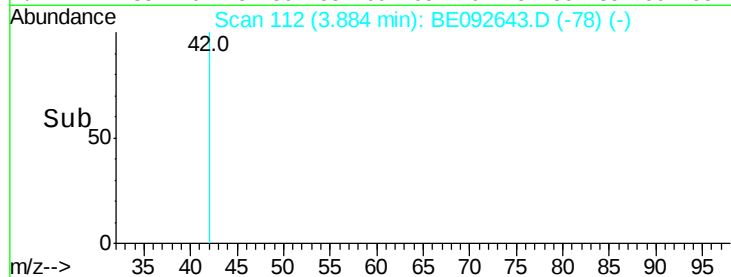
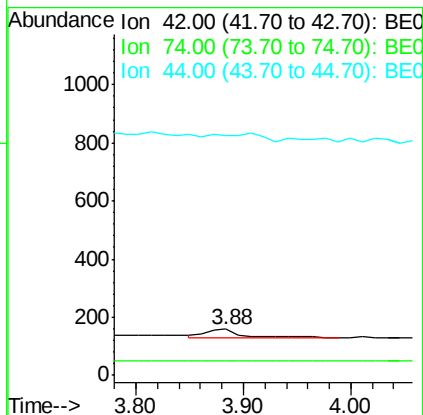
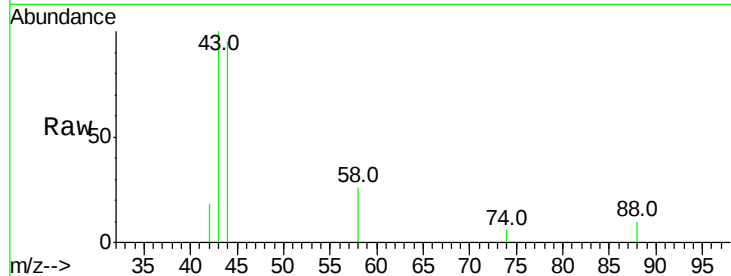


#3

n-Nitrosodimethylamine
 Concen: 0.24 ng
 RT: 3.88 min Scan# 112
 Delta R.T. 0.09 min
 Lab File: BE092643.D
 Acq: 11 Jan 2017 16:12

Instrument :
 BNA_E
 ClientSampled :

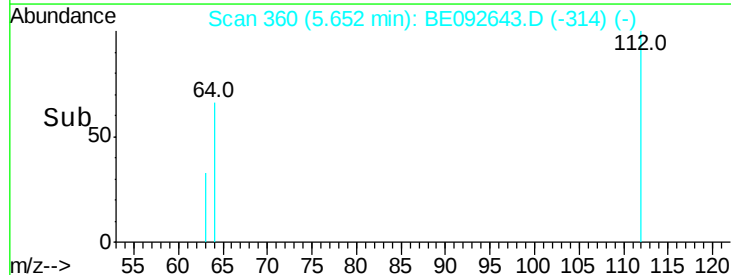
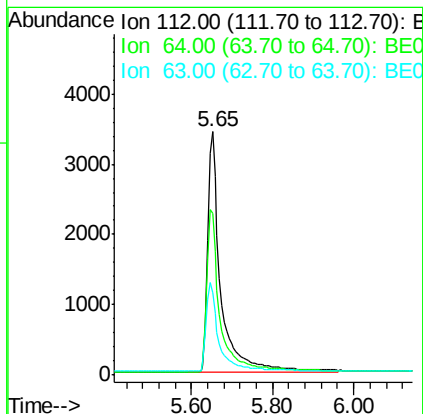
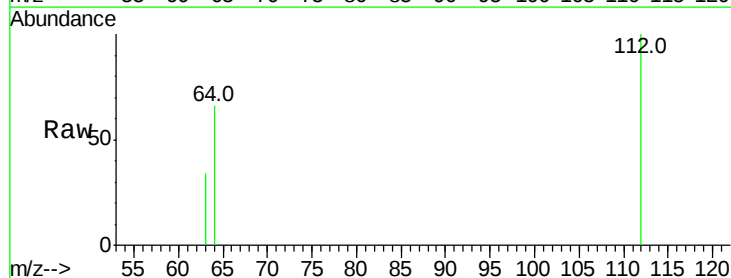
Tot Ion: 42 Resp: 58
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.0 129.0#
 44 0.0 5.1 7.7#

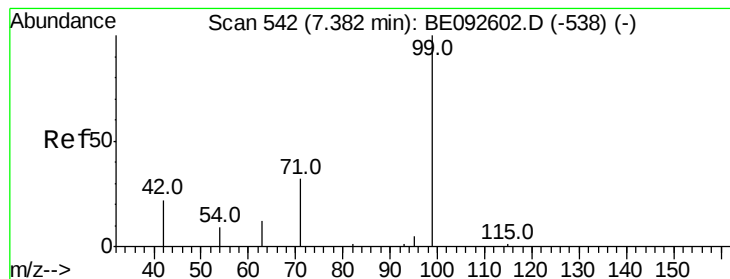


#4

2-Fluorophenol
 Concen: 5.08 ng
 RT: 5.65 min Scan# 360
 Delta R.T. -0.03 min
 Lab File: BE092643.D
 Acq: 11 Jan 2017 16:12

Tgt Ion: 112 Resp: 7750
 Ion Ratio Lower Upper
 112 100
 64 68.7 53.5 80.3
 63 36.7 27.9 41.9





#5

Phenol-d6

Concen: 2.47 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

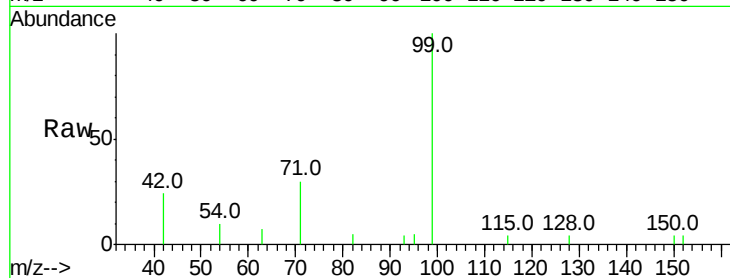
Tot Ion: 99 Resp: 5505

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

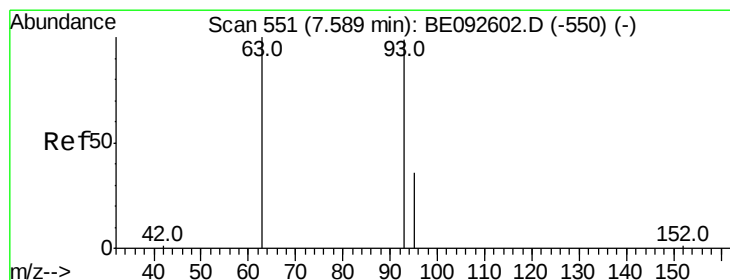
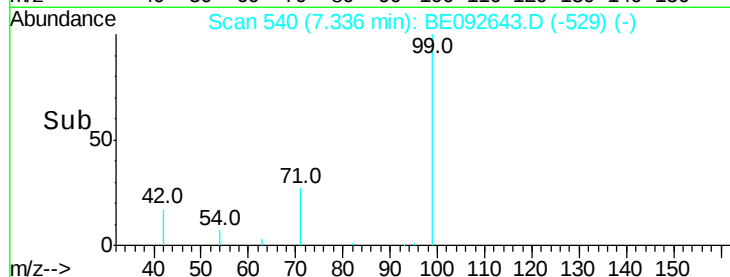
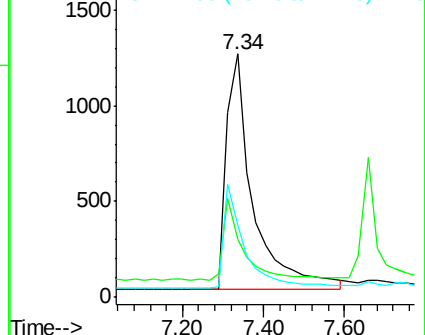
71 0.0 30.6 45.8#



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: 0.12 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

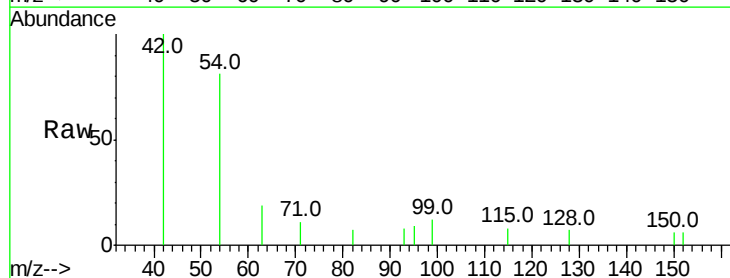
Tgt Ion: 93 Resp: 32

Ion Ratio Lower Upper

93 100

63 631.3 71.6 107.4#

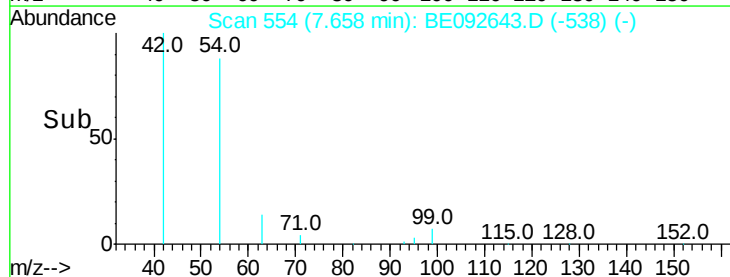
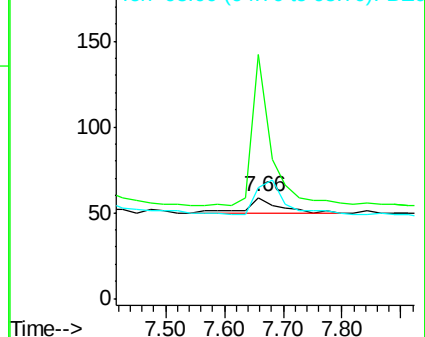
95 0.0 24.0 36.0#

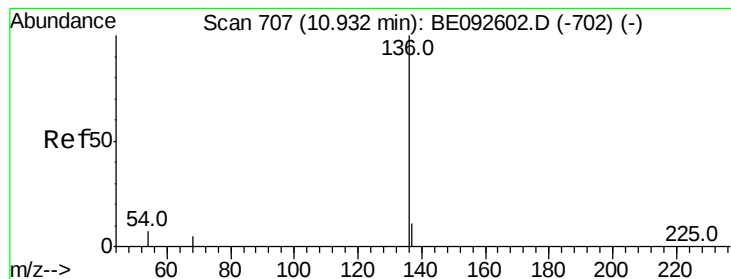


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 34206

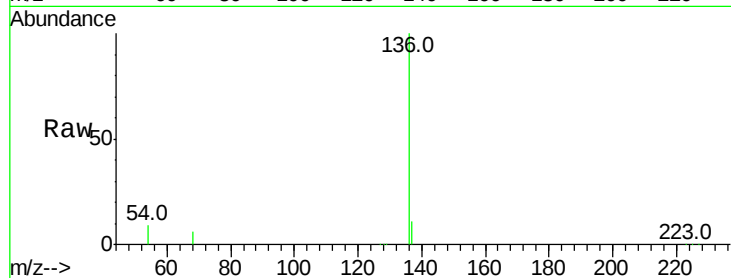
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 8.8 9.6 14.4#

68 6.1 6.7 10.1#

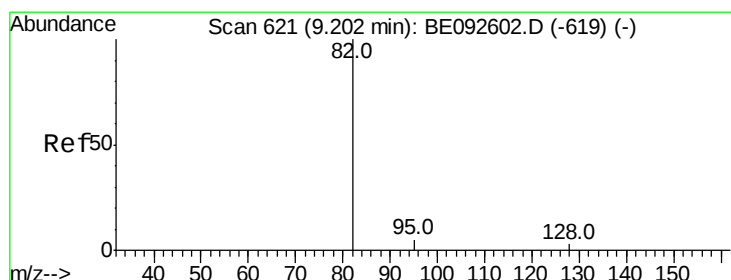
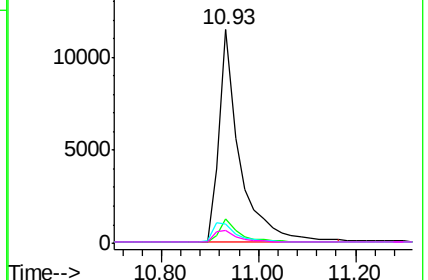
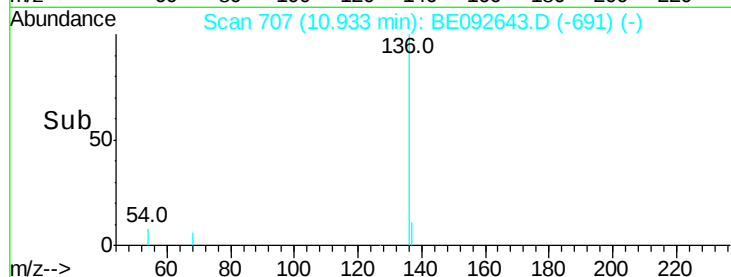


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.33 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

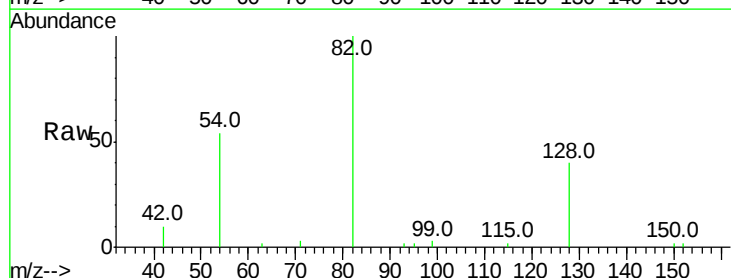
Tgt Ion: 82 Resp: 10180

Ion Ratio Lower Upper

82 100

128 39.9 39.0 58.4

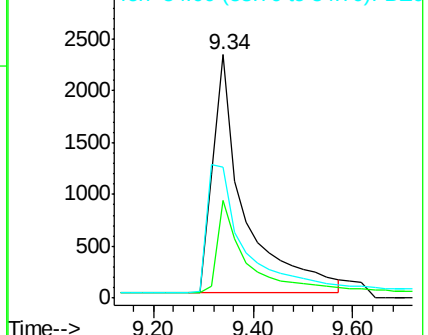
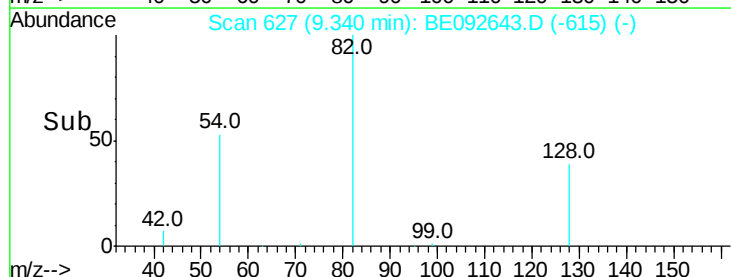
54 53.8 44.8 67.2

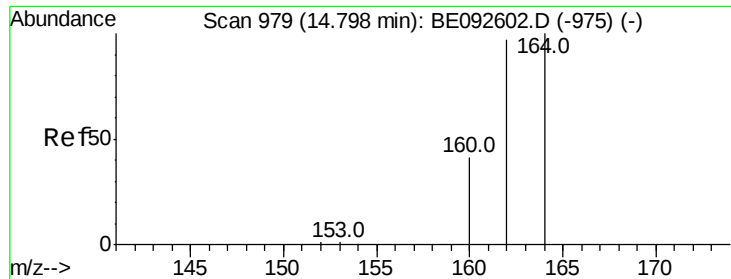


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

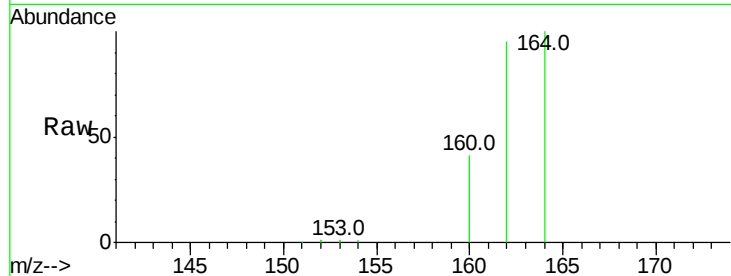
Tot Ion:164 Resp: 22468

Ion Ratio Lower Upper

164 100

162 95.3 71.4 107.0

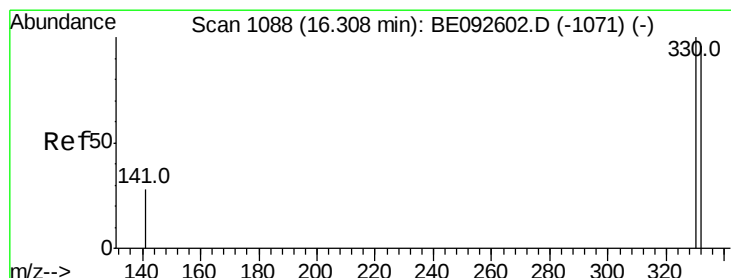
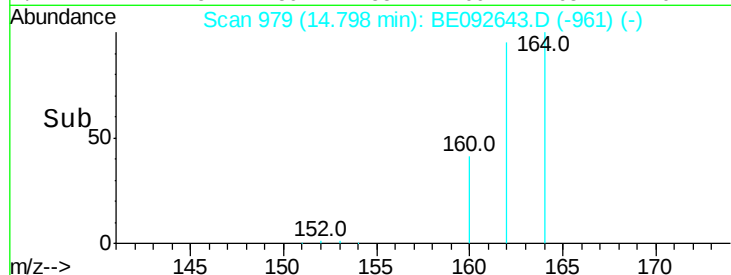
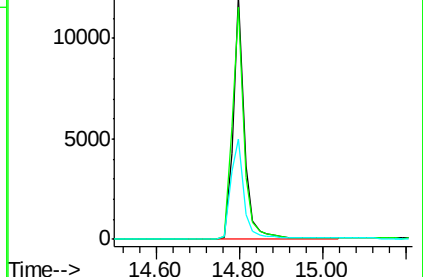
160 41.0 27.4 41.2



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: 8.61 ng

RT: 16.30 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

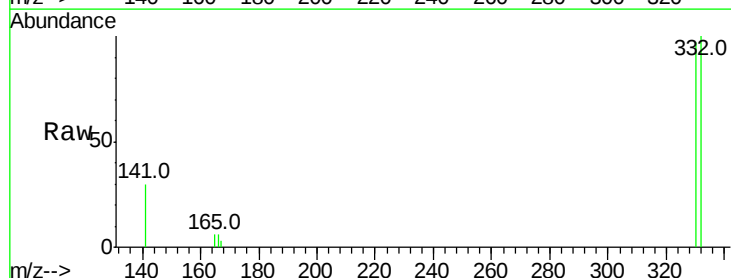
Tgt Ion:330 Resp: 5596

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

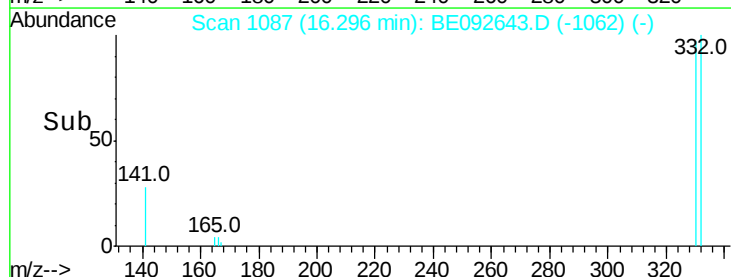
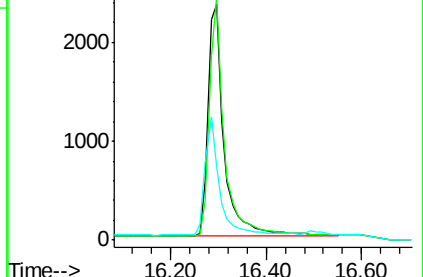
141 45.6 31.0 46.6

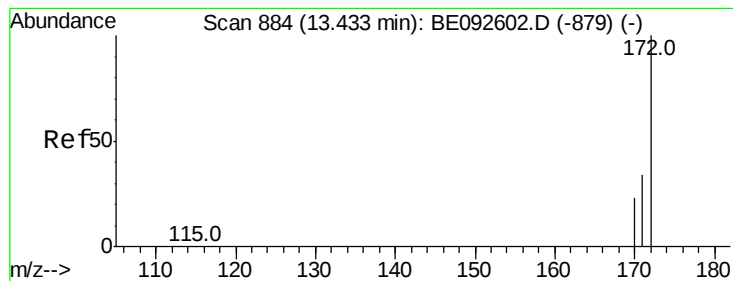


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

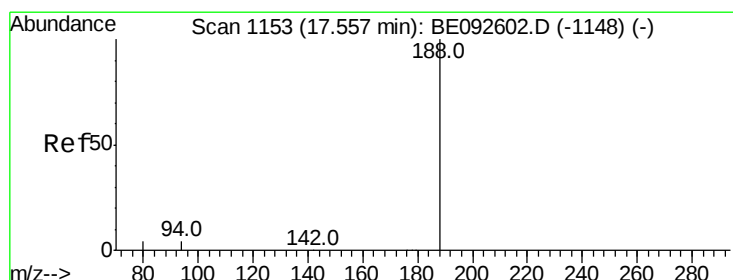
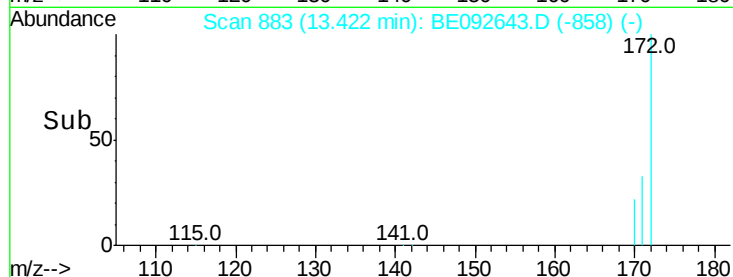
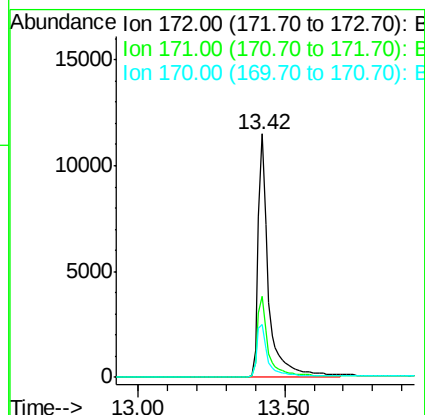
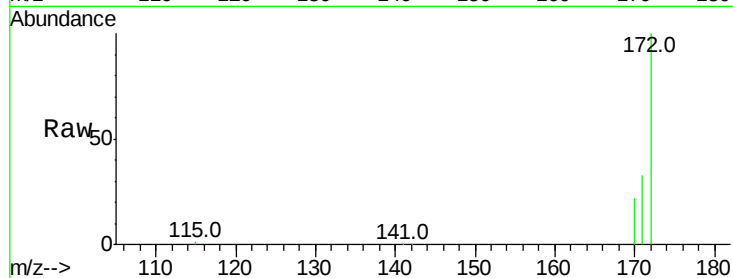




#14
 2-Fluorobiphenyl
 Concen: 5.16 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092643.D
 Acq: 11 Jan 2017 16:12

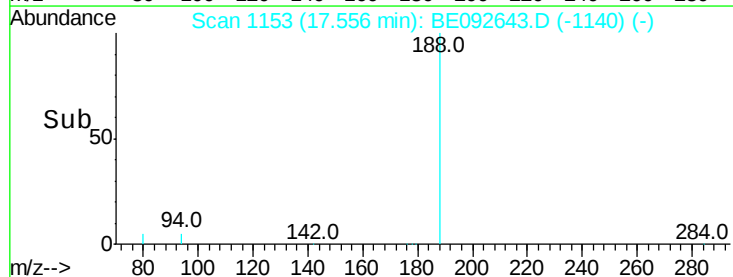
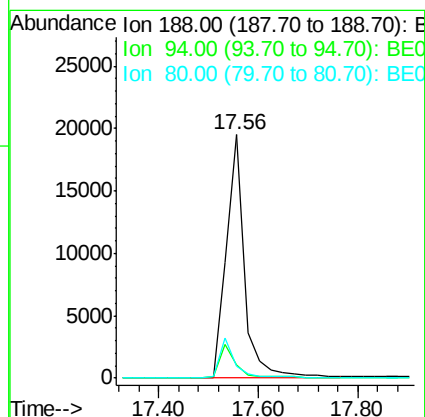
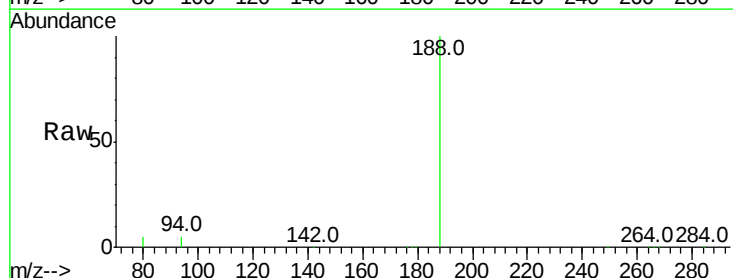
Instrument :
 BNA_E
 ClientSampleId :

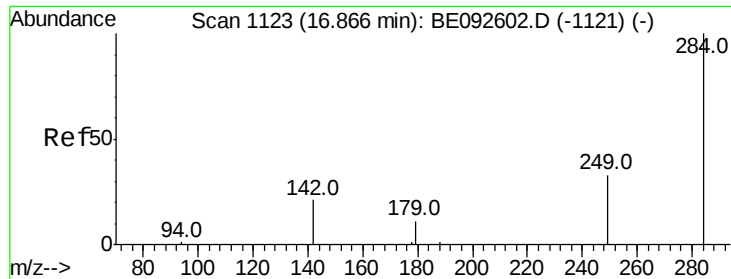
Tot Ion:172 Resp: 27718
 Ion Ratio Lower Upper
 172 100
 171 33.1 30.1 45.1
 170 21.8 21.8 32.6



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092643.D
 Acq: 11 Jan 2017 16:12

Tgt Ion:188 Resp: 49014
 Ion Ratio Lower Upper
 188 100
 94 5.2 3.2 4.8#
 80 4.8 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.25 ng

RT: 16.75 min Scan# 1118

Delta R.T. -0.12 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampled :

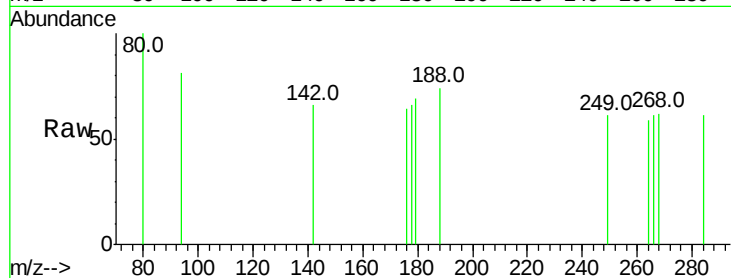
Tot Ion:284 Resp: 528

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

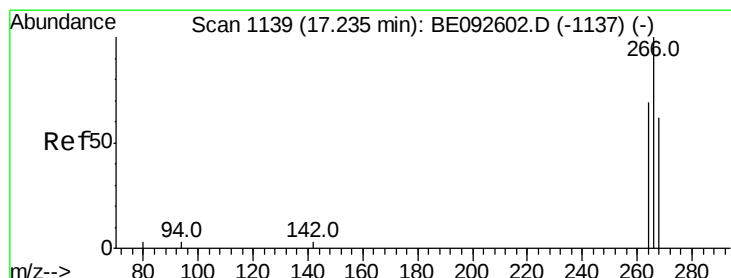
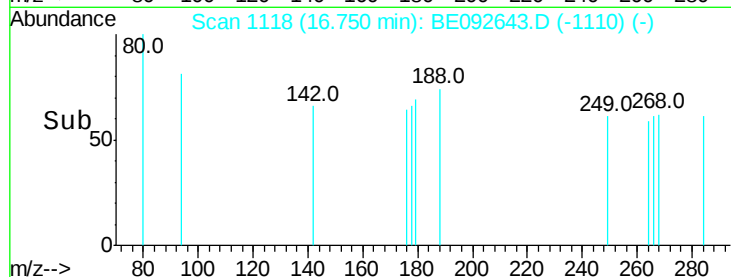
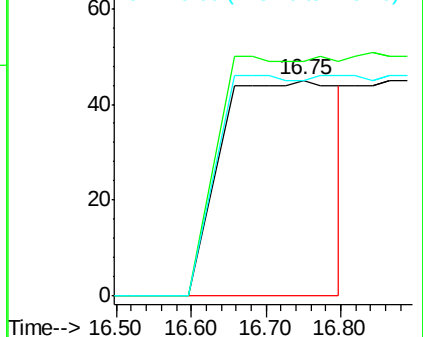
249 0.0 27.9 41.9#



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



#20

Pentachlorophenol

Concen: Below Cal

RT: 17.26 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

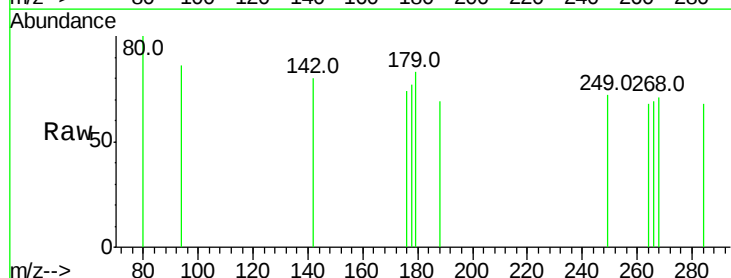
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 102.2 62.5 93.7#

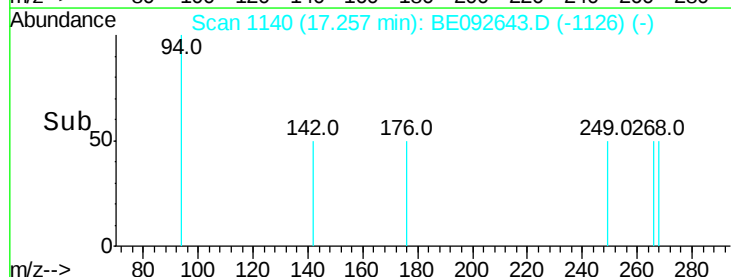
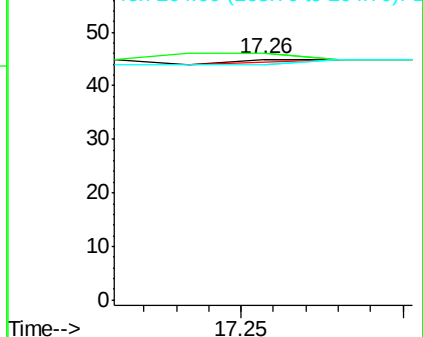
264 97.8 57.2 85.8#

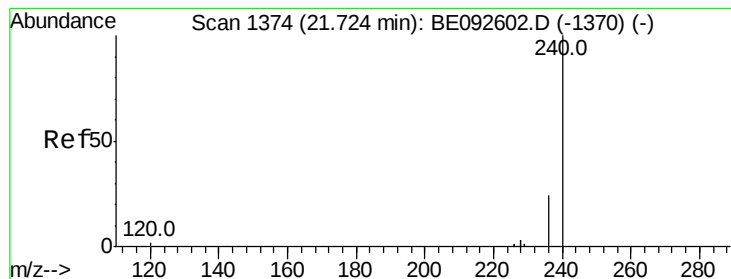


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

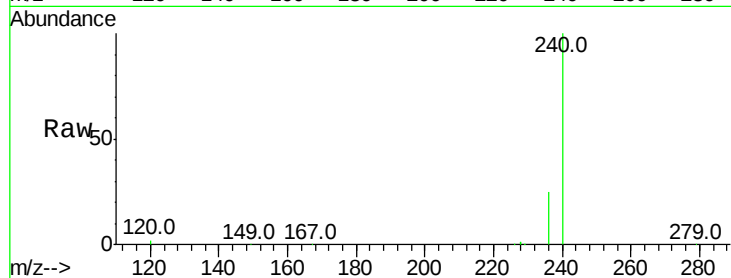
Tot Ion:240 Resp: 71674

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

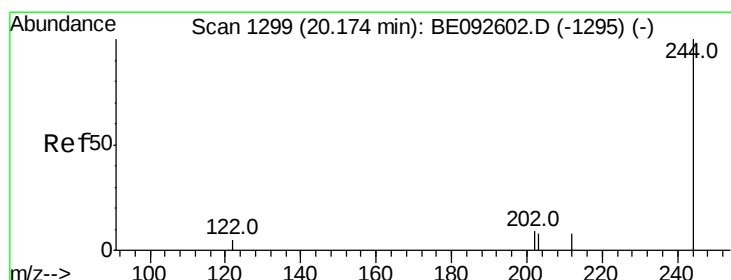
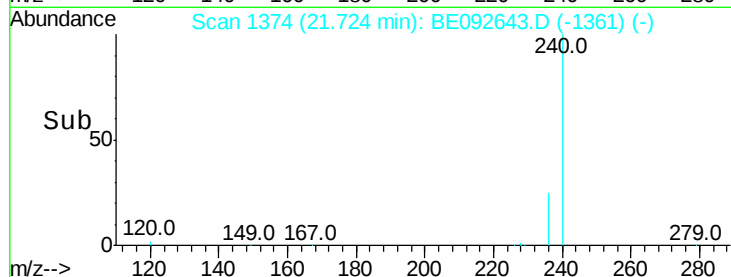
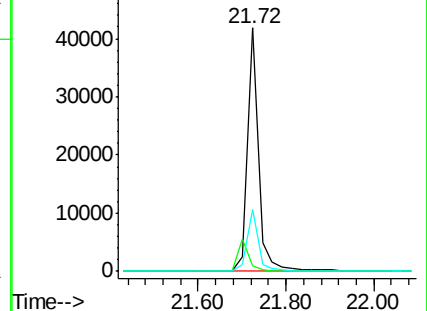
236 25.2 24.6 37.0



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: 5.41 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

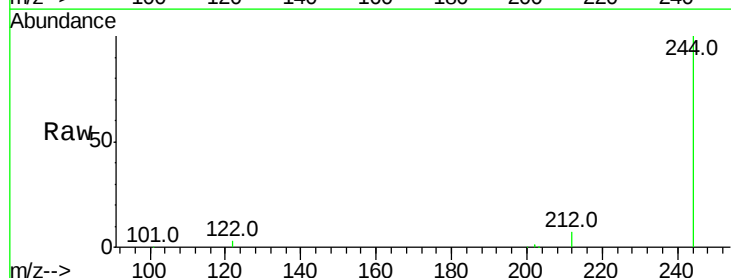
Tgt Ion:244 Resp: 47528

Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

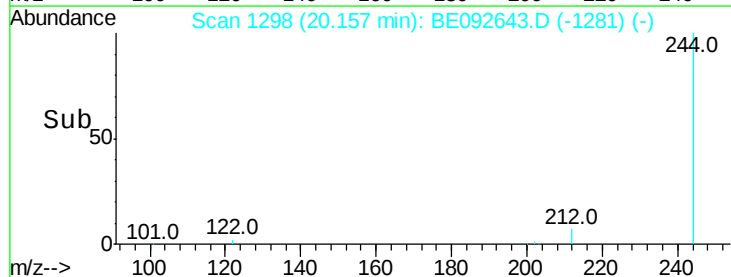
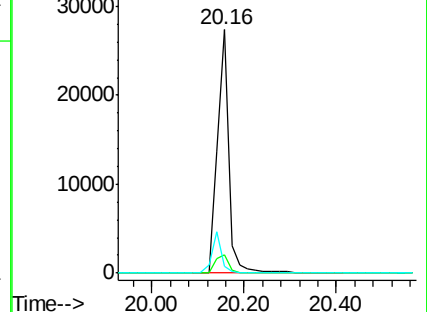
122 2.6 3.6 5.4#

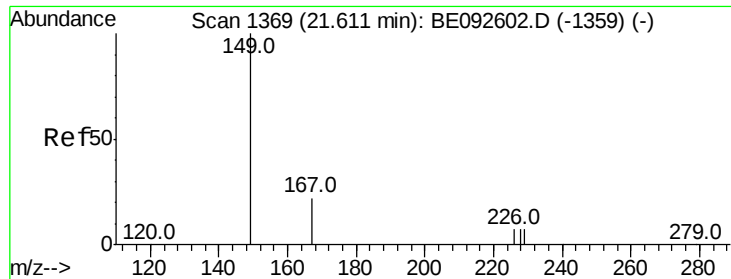


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

Instrument :

BNA_E

ClientSampleId :

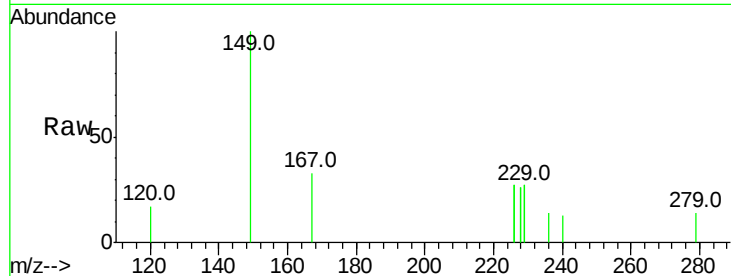
Tot Ion:149 Resp: 522

Ion Ratio Lower Upper

149 100

167 17.6 16.0 24.0

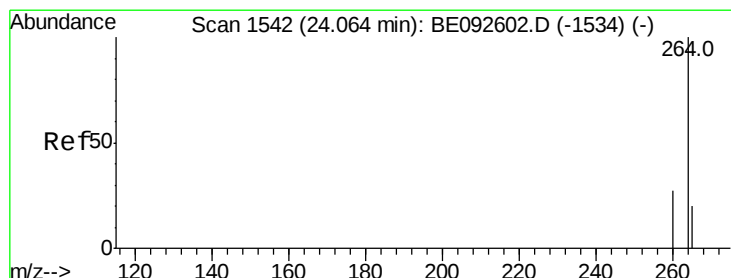
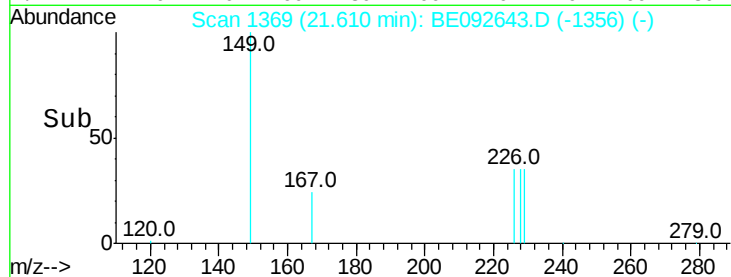
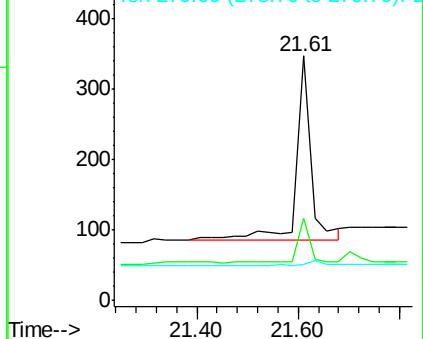
279 0.0 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092643.D

Acq: 11 Jan 2017 16:12

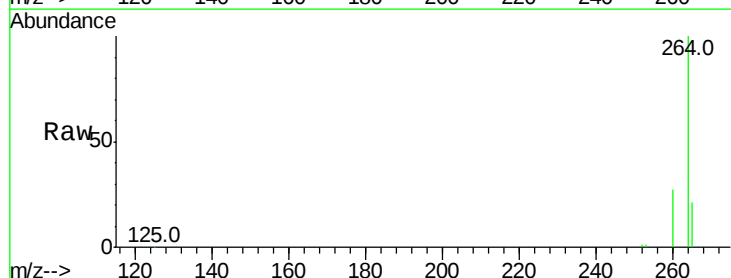
Tgt Ion:264 Resp: 66959

Ion Ratio Lower Upper

264 100

260 26.6 20.1 30.1

265 20.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

