

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : BE092641.D
 Acq On : 11 Jan 2017 14:58
 Operator : UM/SJ
 Sample : I1100-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 16:28:16 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

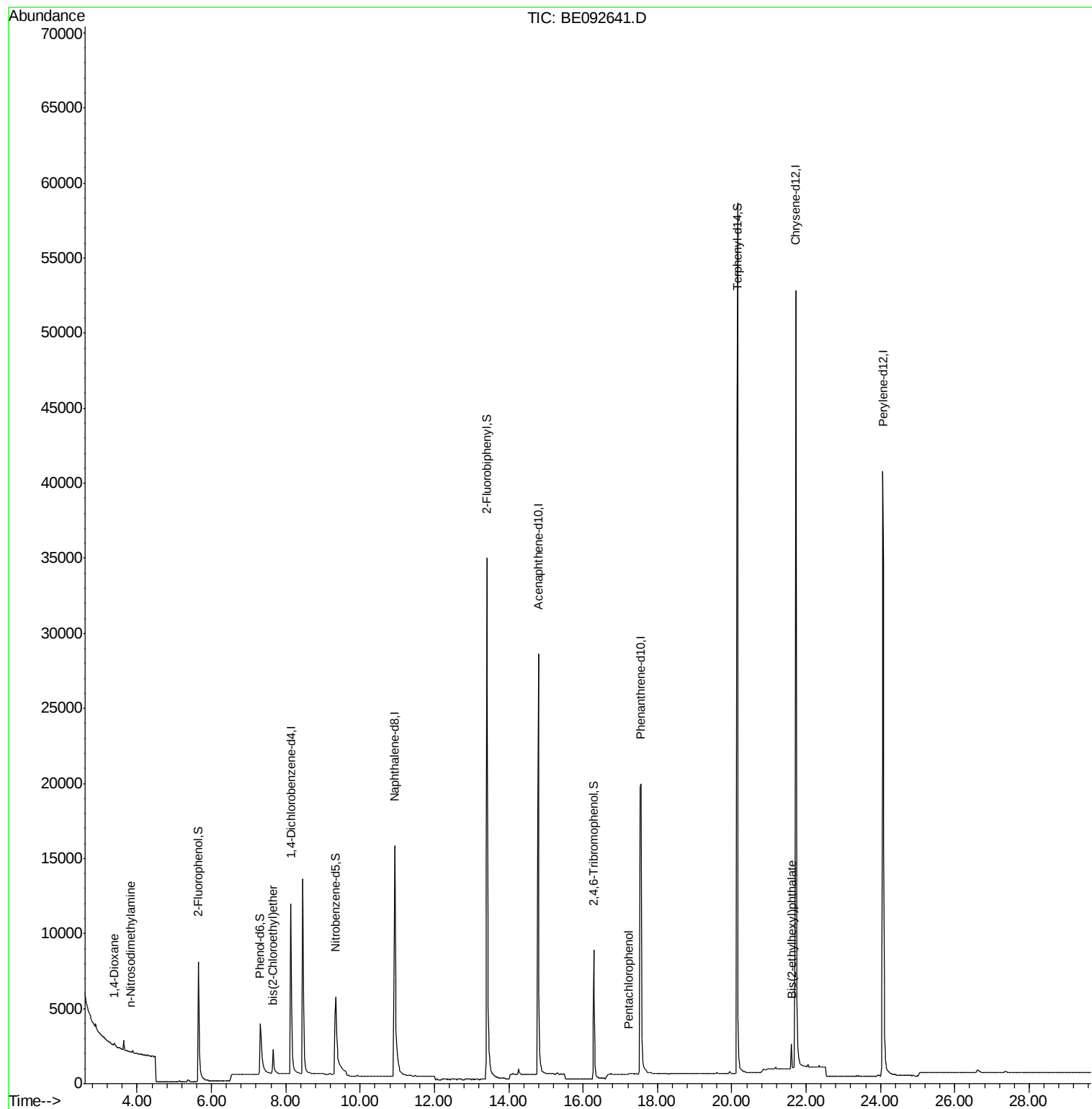
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7762	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	33862	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22767	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	47816	5.00	ng	0.00
24) Chrysene-d12	21.72	240	67324	5.00	ng	0.00
31) Perylene-d12	24.06	264	63393	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	8876	5.94	ng	-0.03
5) Phenol-d6	7.31	99	7122	3.23	ng	-0.07
8) Nitrobenzene-d5	9.34	82	11601	4.95	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	6643	10.06	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	46247	8.49	ng	-0.02
26) Terphenyl-d14	20.16	244	89891	10.89	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.39	88	176	0.02	ng	# 1
3) n-Nitrosodimethylamine	3.83	42	60	0.24	ng	# 11
6) bis(2-Chloroethyl)ether	7.66	93	28	0.12	ng	# 1
20) Pentachlorophenol	17.23	266	72	0.27	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.61	149	1928	0.38	ng	# 75

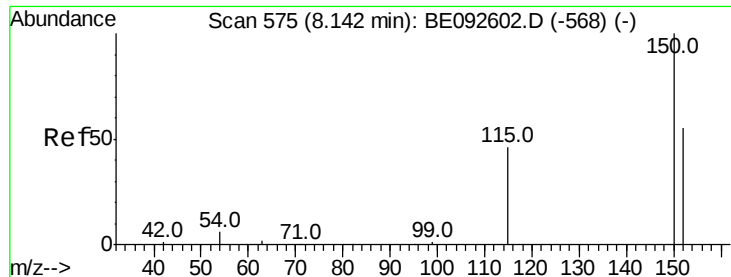
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092641.D

Acq: 11 Jan 2017 14:58

Instrument :

BNA_E

ClientSampleId :

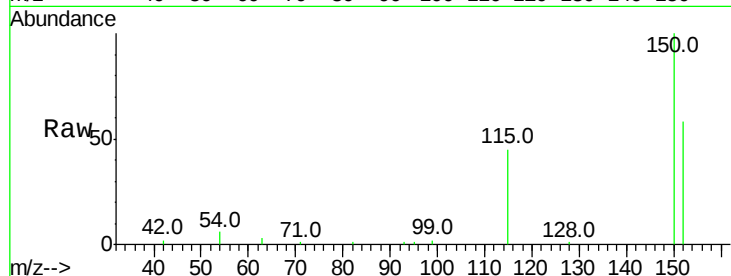
Tot Ion:152 Resp: 7762

Ion Ratio Lower Upper

152 100

150 171.7 106.0 159.0#

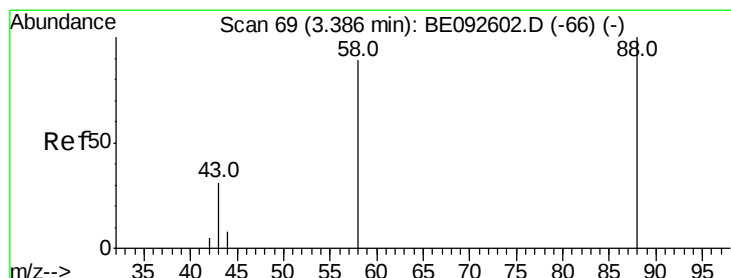
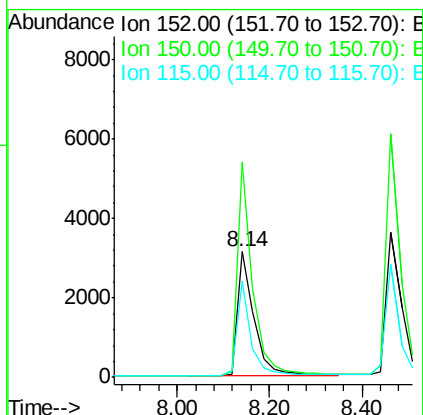
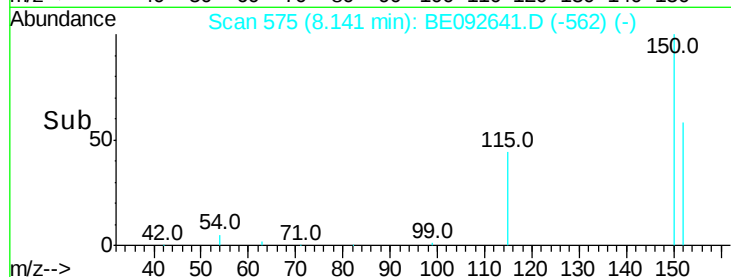
115 76.6 31.2 46.8#



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: 0.02 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092641.D

Acq: 11 Jan 2017 14:58

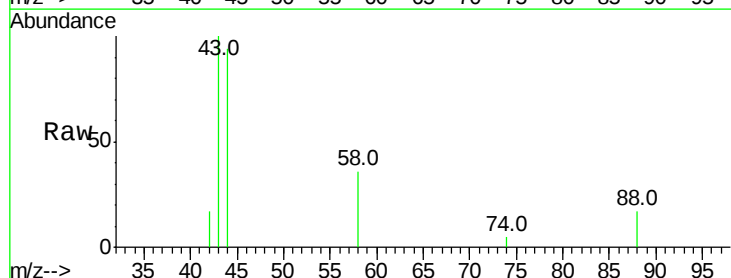
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

58 218.2 63.6 95.4#

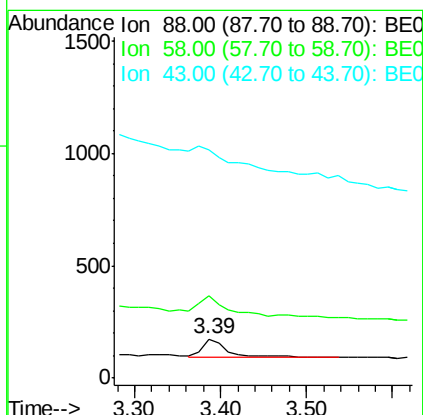
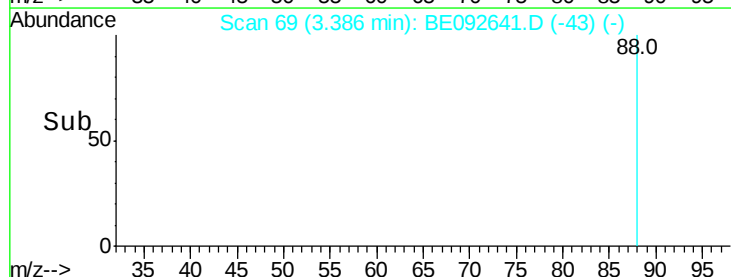
43 0.0 28.0 42.0#

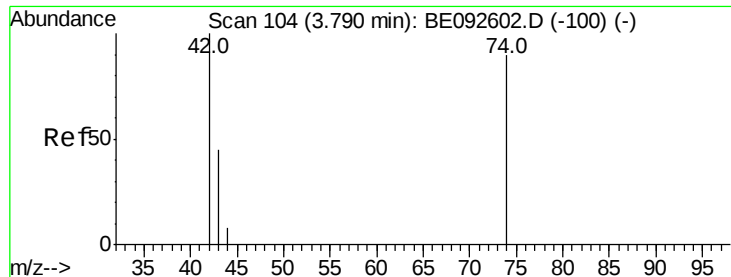


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



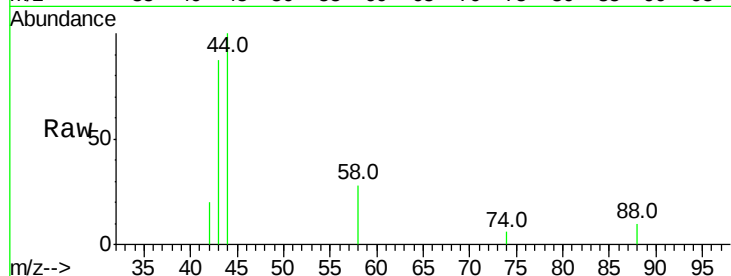


#3

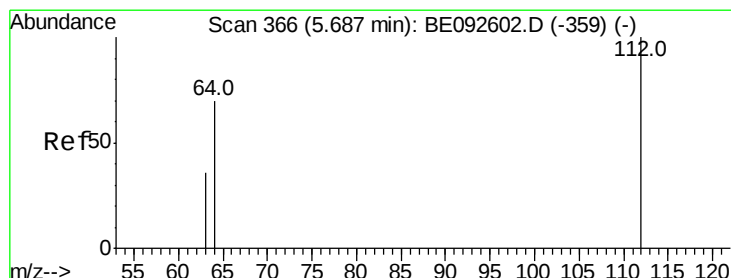
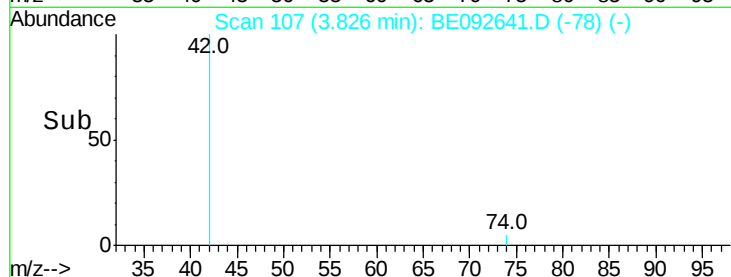
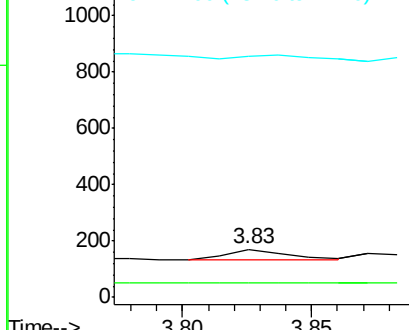
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.04 min
Lab File: BE092641.D
Acq: 11 Jan 2017 14:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
74 10.0 86.0 129.0#
44 0.0 5.1 7.7#



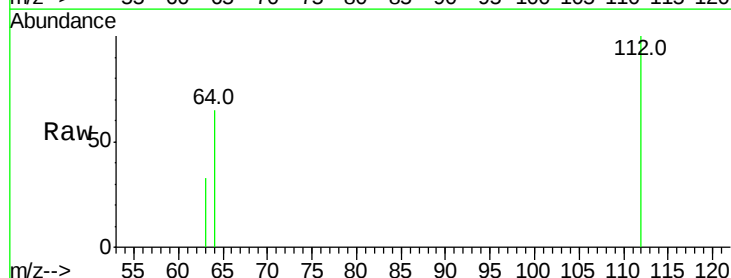
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



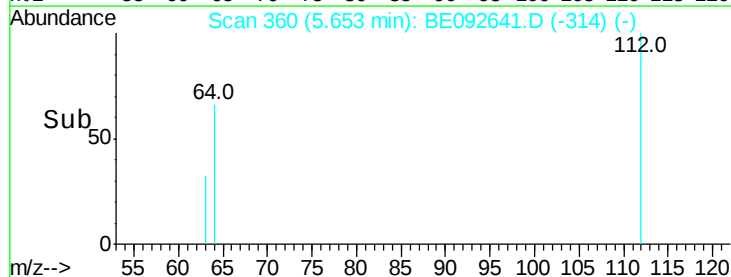
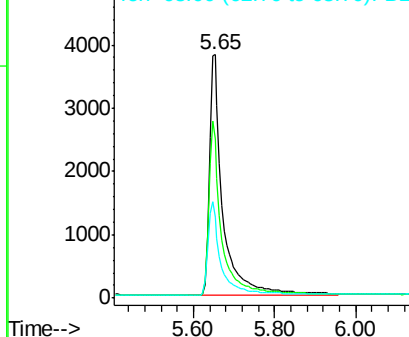
#4

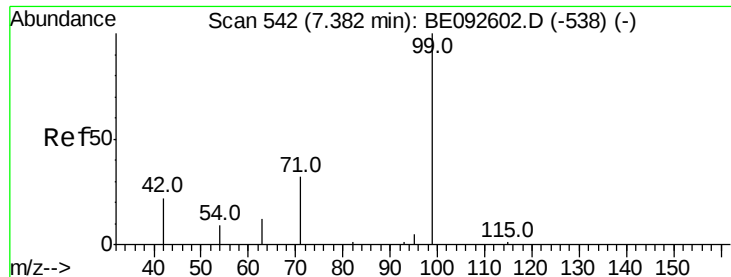
2-Fluorophenol
Concen: 5.94 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.03 min
Lab File: BE092641.D
Acq: 11 Jan 2017 14:58

Tgt Ion: 112 Resp: 8876
Ion Ratio Lower Upper
112 100
64 69.3 53.5 80.3
63 37.1 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: 3.23 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092641.D

Acq: 11 Jan 2017 14:58

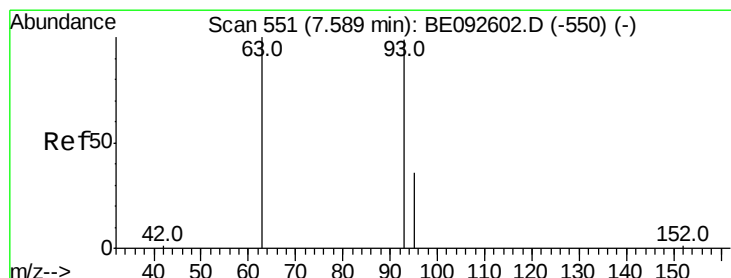
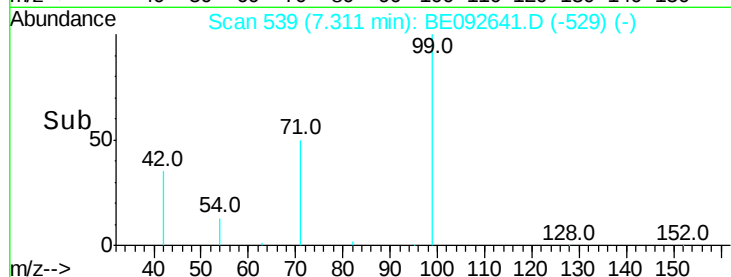
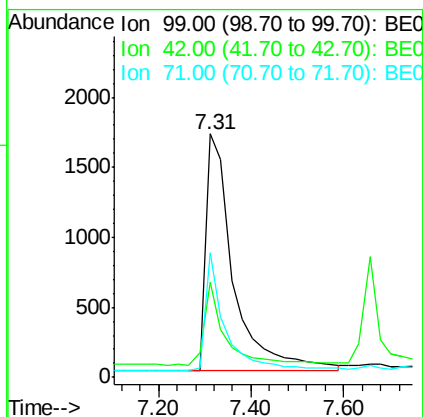
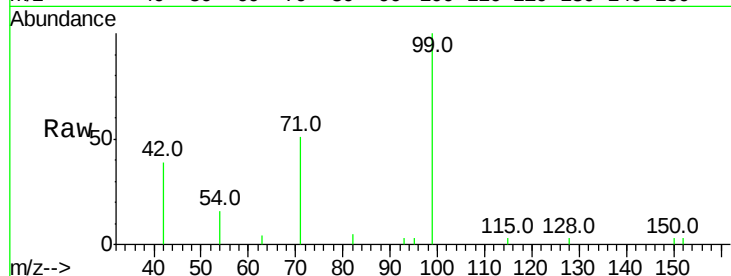
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 7122

Ion	Ratio	Lower	Upper
99	100		
42	26.1	16.0	24.0#
71	36.0	30.6	45.8



#6

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 7.66 min Scan# 554

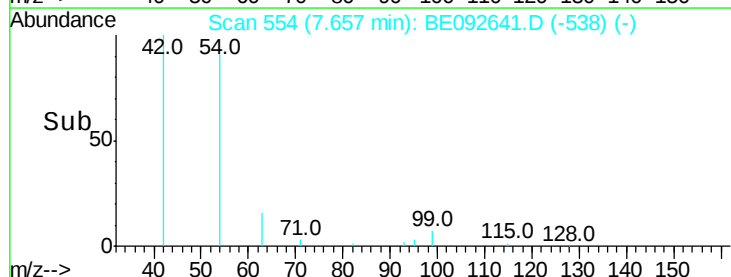
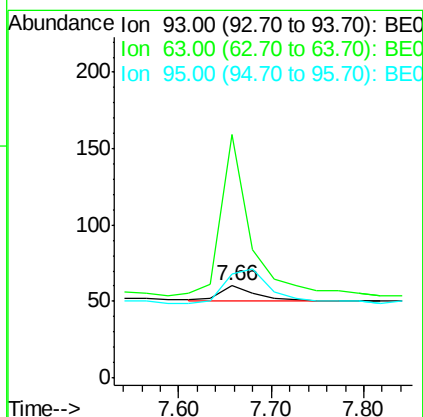
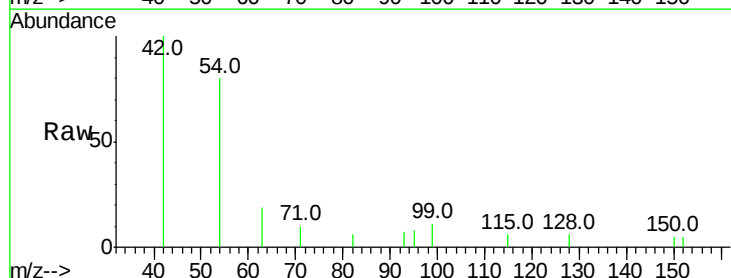
Delta R.T. 0.07 min

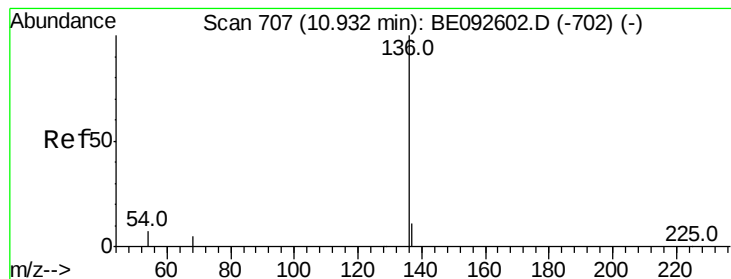
Lab File: BE092641.D

Acq: 11 Jan 2017 14:58

Tgt Ion: 93 Resp: 28

Ion	Ratio	Lower	Upper
93	100		
63	825.0	71.6	107.4#
95	0.0	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: BE092641.D

Acq: 11 Jan 2017 14:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 33862

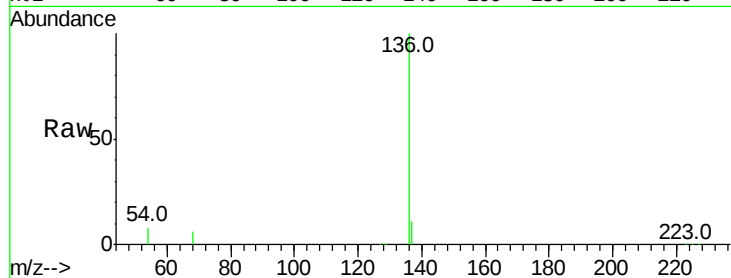
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 8.4 9.6 14.4#

68 5.9 6.7 10.1#

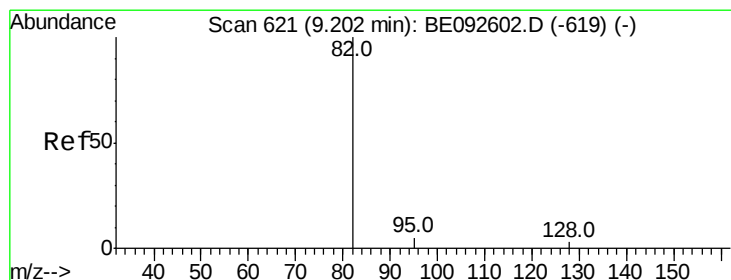
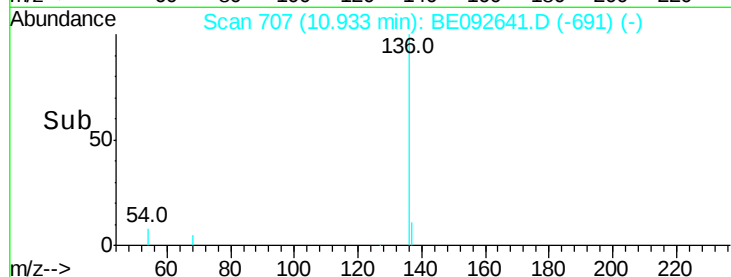
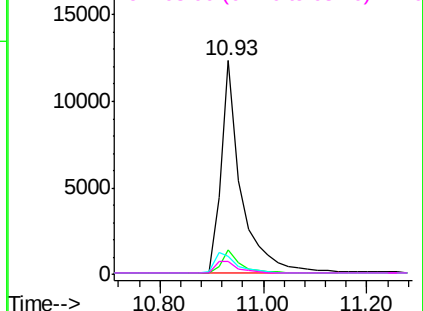


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.95 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092641.D

Acq: 11 Jan 2017 14:58

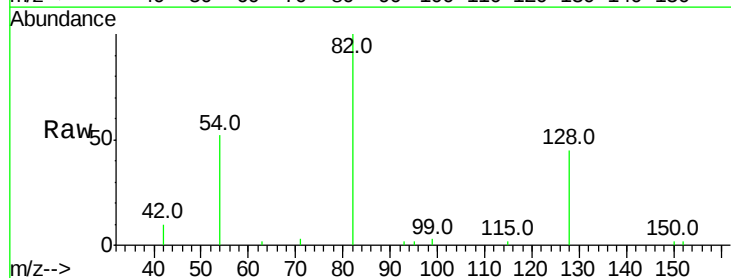
Tgt Ion: 82 Resp: 11601

Ion Ratio Lower Upper

82 100

128 44.6 39.0 58.4

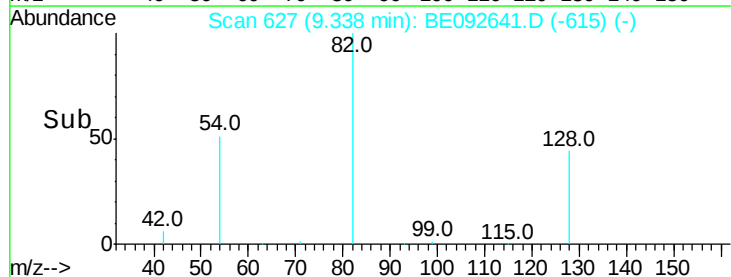
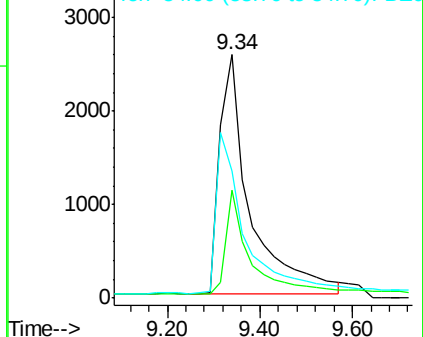
54 52.0 44.8 67.2

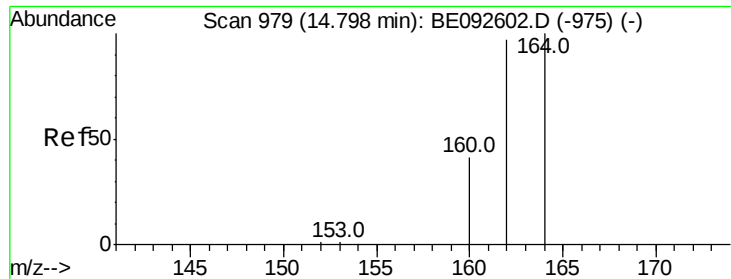


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092641.D

Acq: 11 Jan 2017 14:58

Instrument :

BNA_E

ClientSampleId :

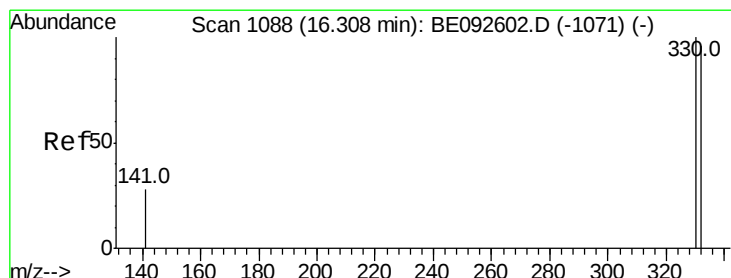
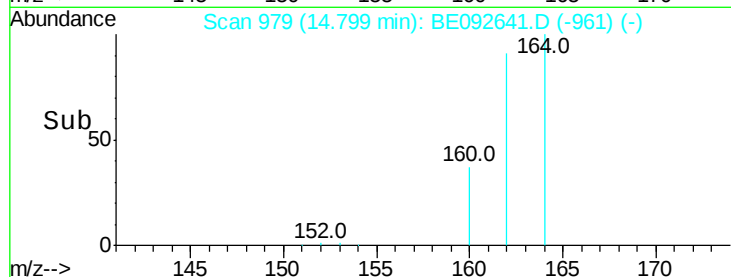
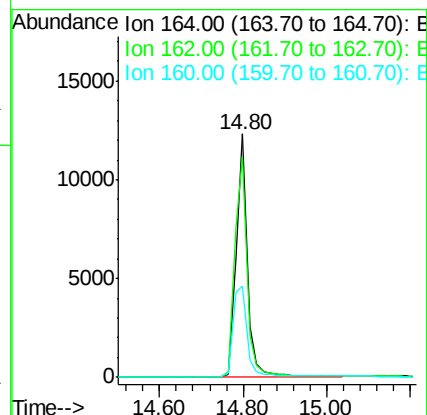
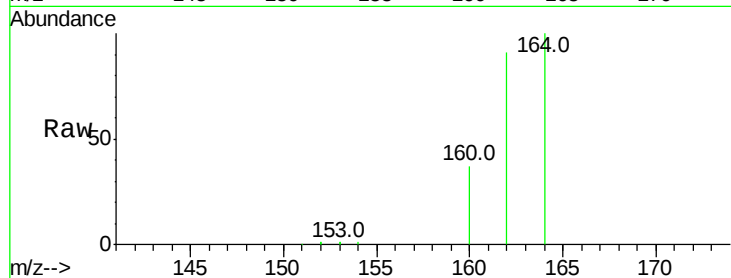
Tot Ion:164 Resp: 22767

Ion Ratio Lower Upper

164 100

162 90.8 71.4 107.0

160 37.4 27.4 41.2



#13

2,4,6-Tribromophenol

Concen: 10.06 ng

RT: 16.29 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BE092641.D

Acq: 11 Jan 2017 14:58

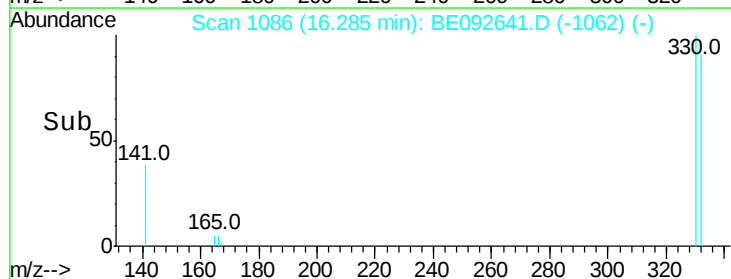
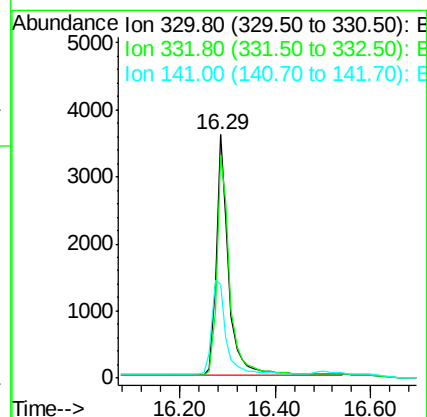
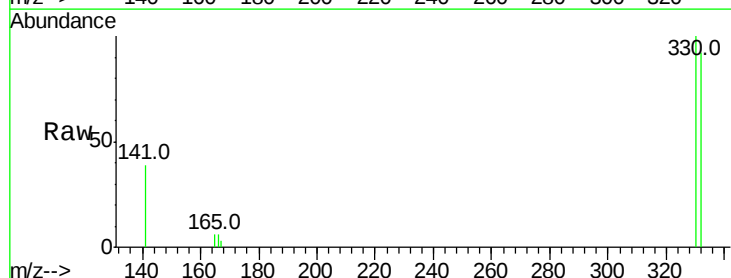
Tgt Ion:330 Resp: 6643

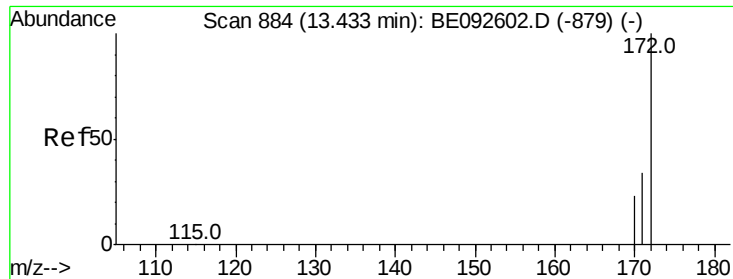
Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.0

141 45.4 31.0 46.6

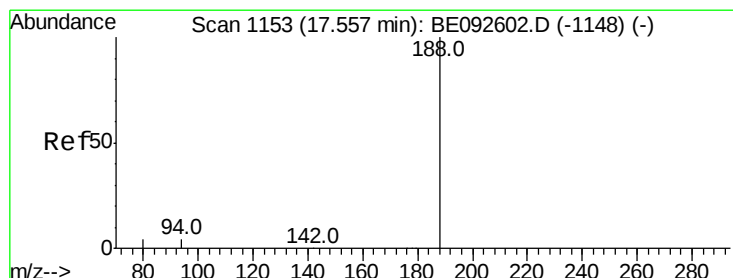
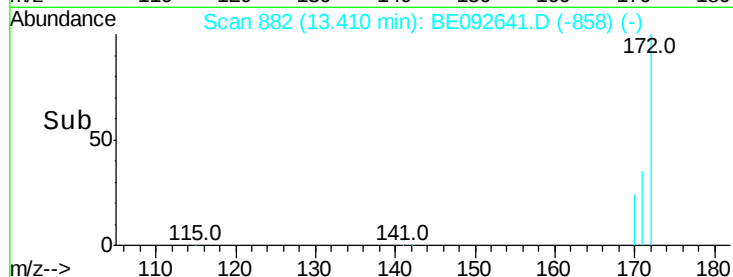
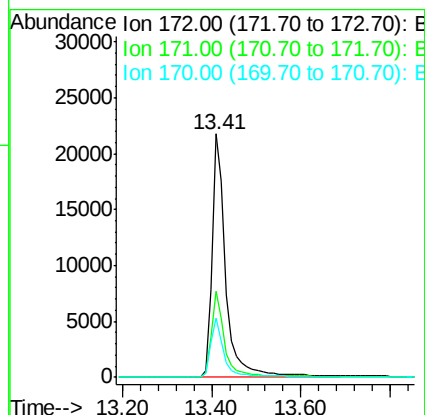
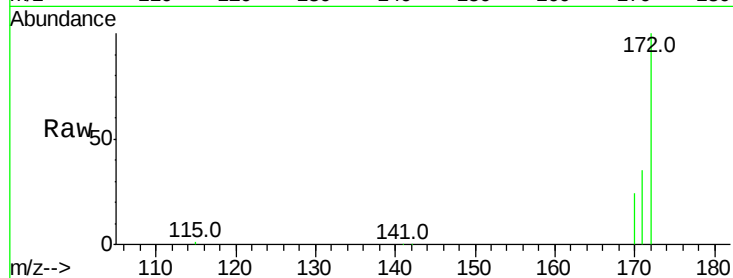




#14
2-Fluorobiphenyl
Concen: 8.49 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092641.D
Acq: 11 Jan 2017 14:58

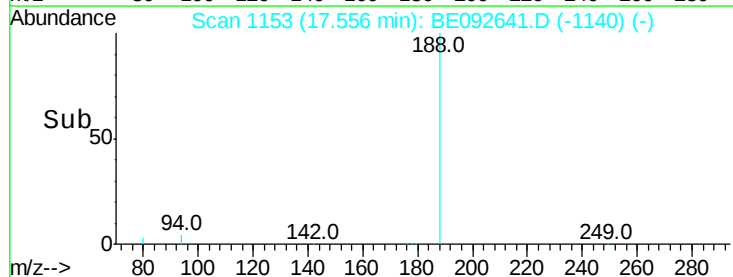
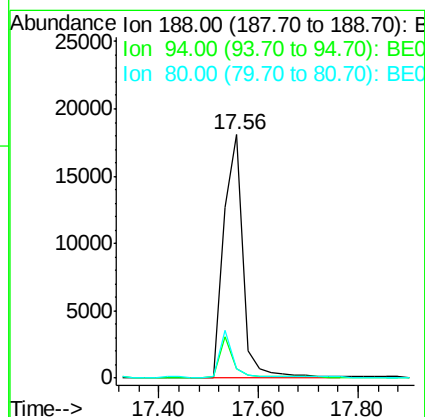
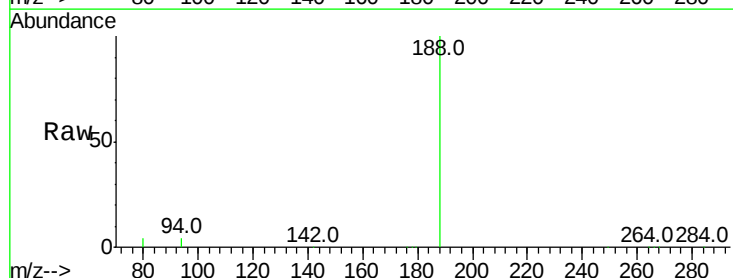
Instrument :
BNA_E
ClientSampleId :

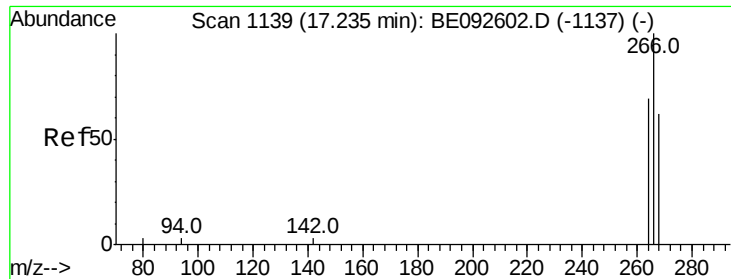
Tot Ion:172 Resp: 46247
Ion Ratio Lower Upper
172 100
171 35.2 30.1 45.1
170 24.4 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092641.D
Acq: 11 Jan 2017 14:58

Tgt Ion:188 Resp: 47816
Ion Ratio Lower Upper
188 100
94 4.1 3.2 4.8
80 3.7 2.6 3.8

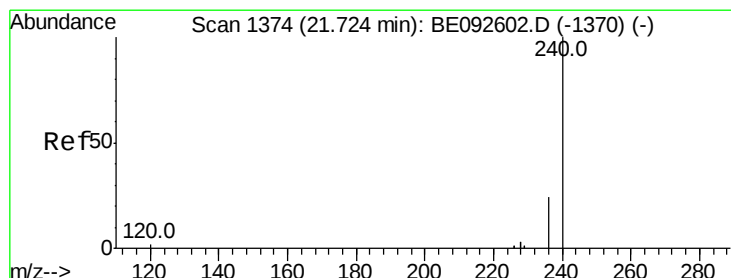
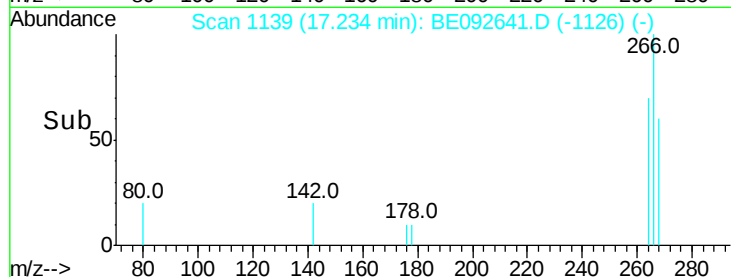
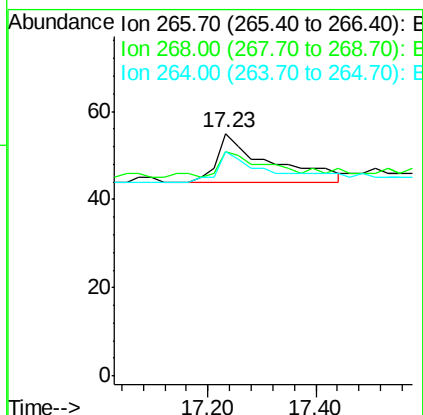
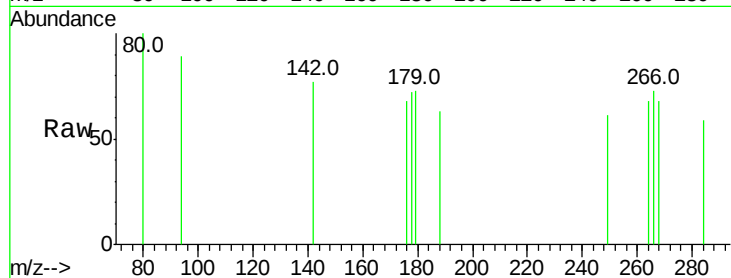




#20
 Pentachlorophenol
 Concen: 0.27 ng
 RT: 17.23 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BE092641.D
 Acq: 11 Jan 2017 14:58

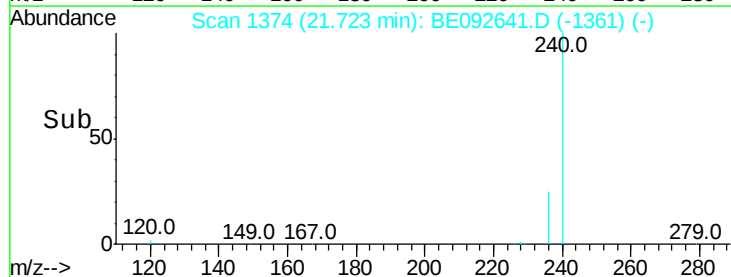
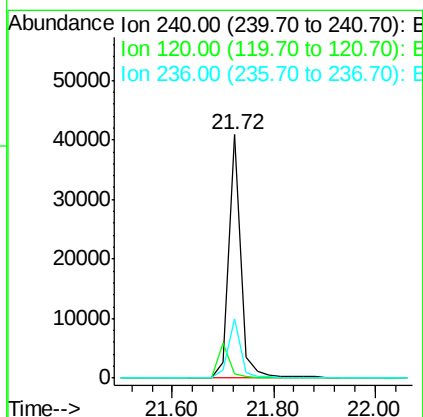
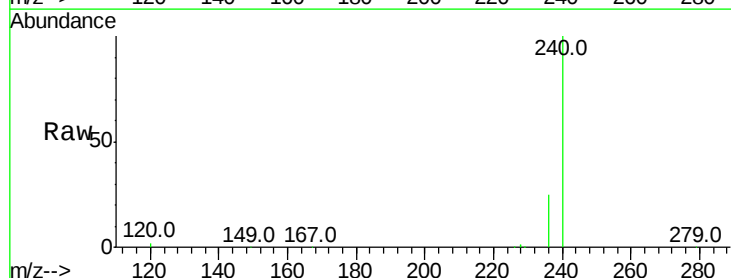
Instrument :
 BNA_E
 ClientSampleId :

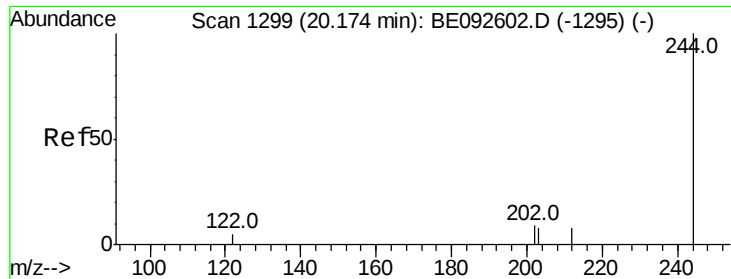
Tot Ion:266 Resp: 72
 Ion Ratio Lower Upper
 266 100
 268 92.7 62.5 93.7
 264 92.7 57.2 85.8#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092641.D
 Acq: 11 Jan 2017 14:58

Tgt Ion:240 Resp: 67324
 Ion Ratio Lower Upper
 240 100
 120 1.7 2.6 4.0#
 236 24.6 24.6 37.0#

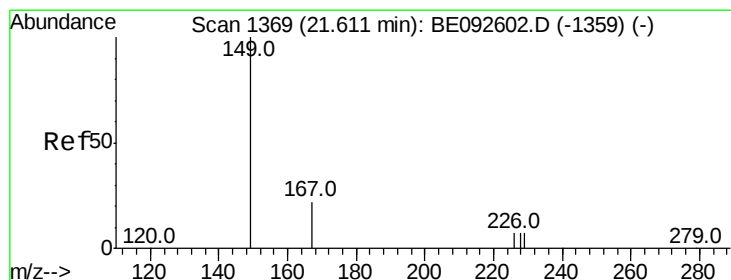
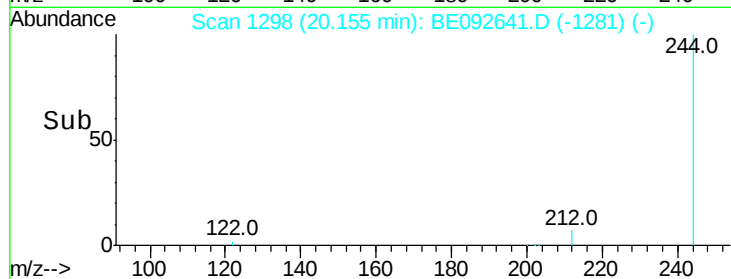
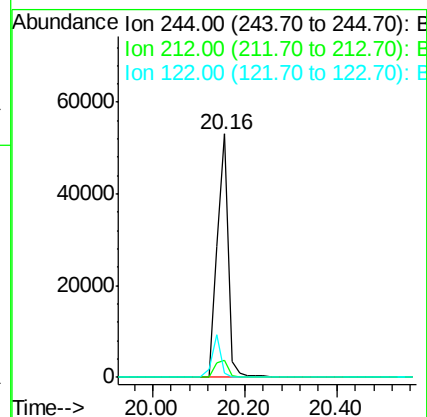
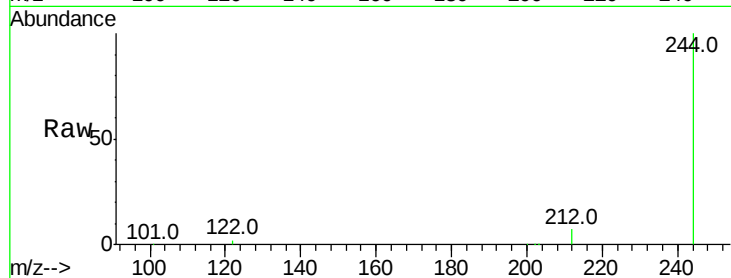




#26
 Terphenyl-d14
 Concen: 10.89 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092641.D
 Acq: 11 Jan 2017 14:58

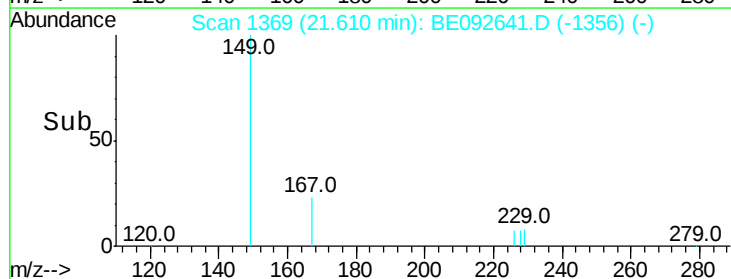
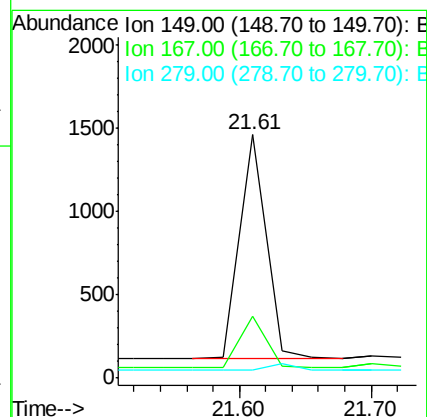
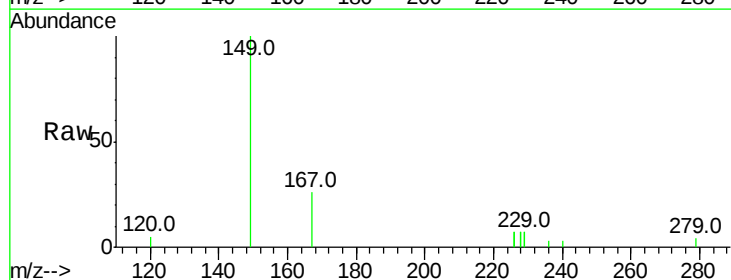
Instrument :
 BNA_E
 ClientSampleId :

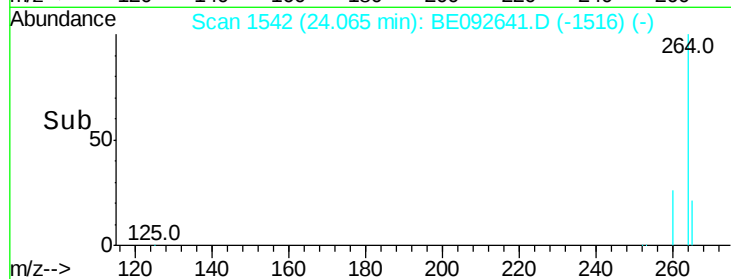
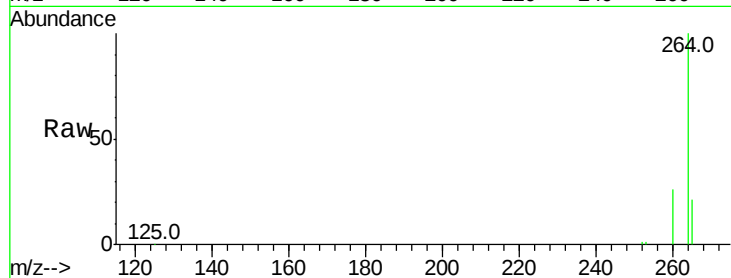
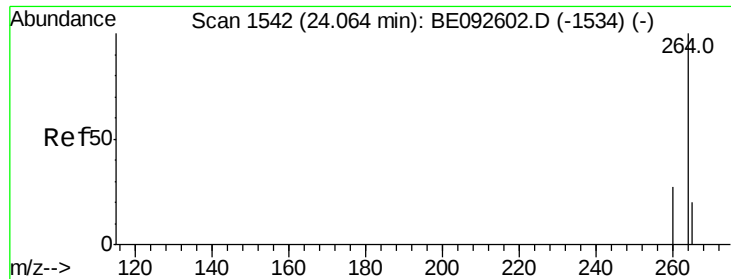
Tot Ion:244 Resp: 89891
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 1.7 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BE092641.D
 Acq: 11 Jan 2017 14:58

Tgt Ion:149 Resp: 1928
 Ion Ratio Lower Upper
 149 100
 167 23.1 16.0 24.0
 279 0.0 16.0 24.0#





#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092641.D
Acq: 11 Jan 2017 14:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.1	17.9	26.9

