

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020117\
 Data File : BE092711.D
 Acq On : 1 Feb 2017 12:36
 Operator : SJ/MA
 Sample : PB96613BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 01 14:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

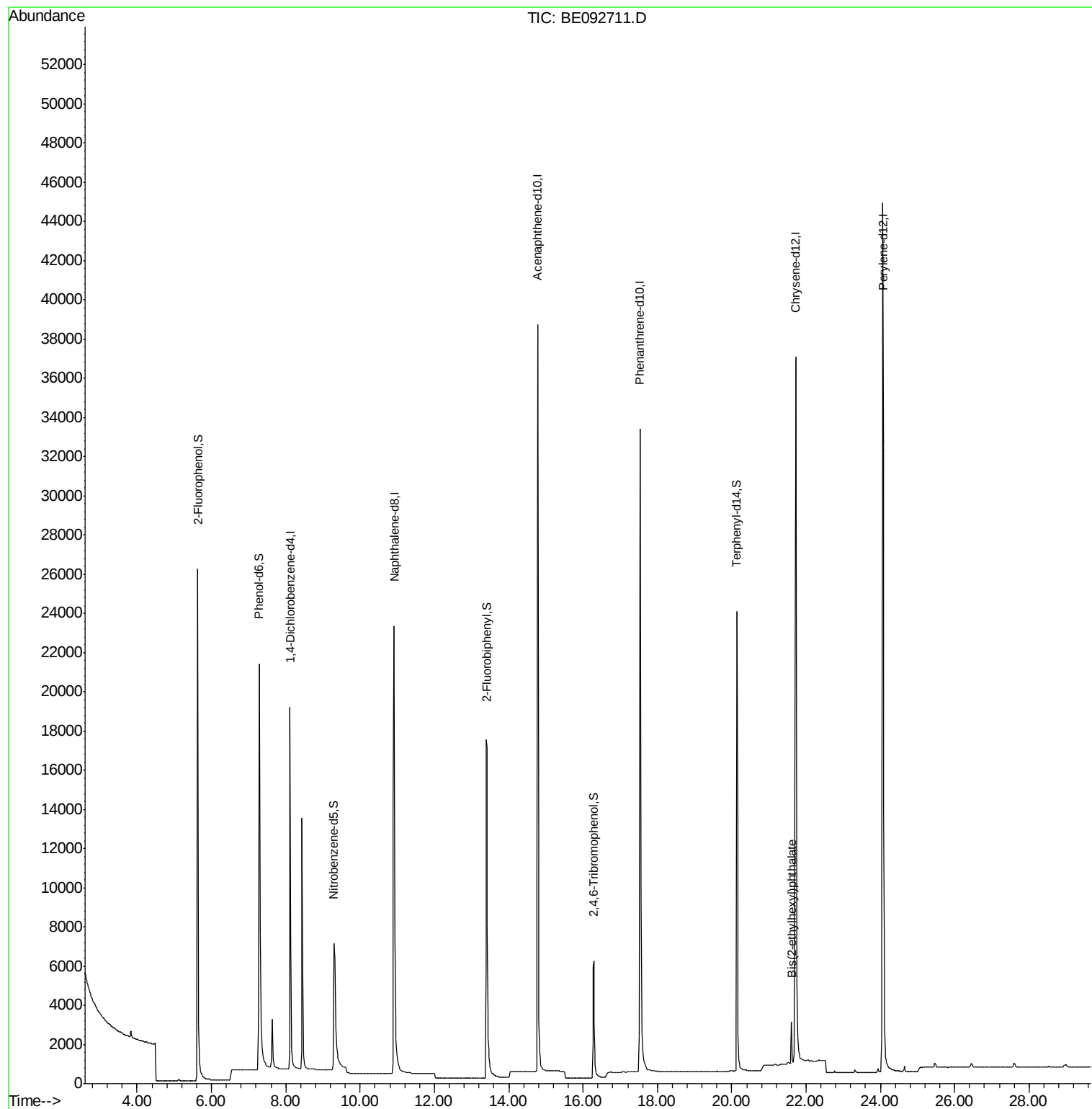
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11364	5.00	ng	-0.02
7) Naphthalene-d8	10.91	136	46530	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	26850	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	55709	5.00	ng	0.00
24) Chrysene-d12	21.72	240	59591	5.00	ng	0.00
31) Perylene-d12	24.06	264	70258	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.63	112	23498	9.26	ng	-0.03
5) Phenol-d6	7.29	99	29670	9.54	ng	-0.04
8) Nitrobenzene-d5	9.29	82	12381	4.10	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	5725	7.23	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	26951	4.08	ng	-0.01
26) Terphenyl-d14	20.14	244	34633	4.11	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.58	88	5	Below Cal	#	19
19) Hexachlorobenzene	16.66	284	114	Below Cal	#	1
29) Bis(2-ethylhexyl)phthalate	21.61	149	2543	0.42 ng	#	71

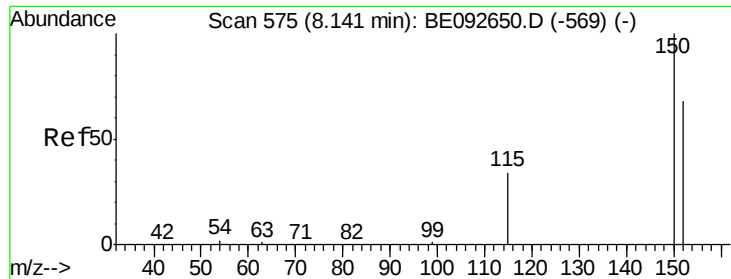
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.02 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampled :

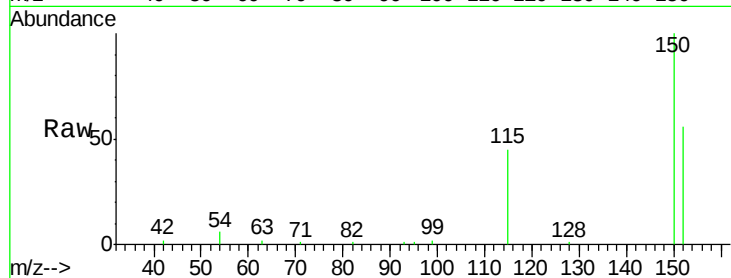
Tot Ion:152 Resp: 11364

Ion Ratio Lower Upper

152 100

150 177.2 106.0 159.0#

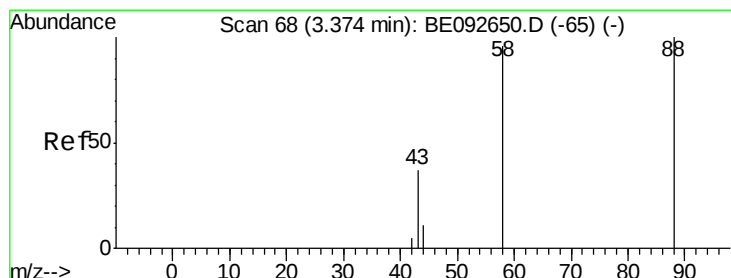
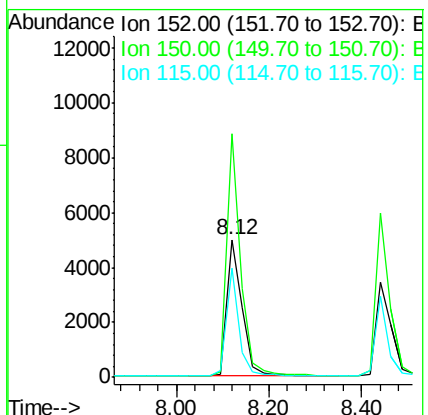
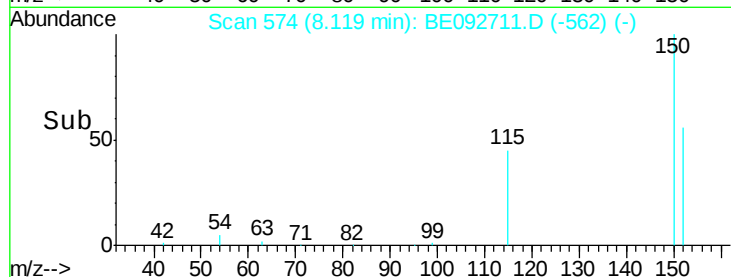
115 79.7 31.2 46.8#



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: 3.58 min Scan# 86

Delta R.T. 0.21 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

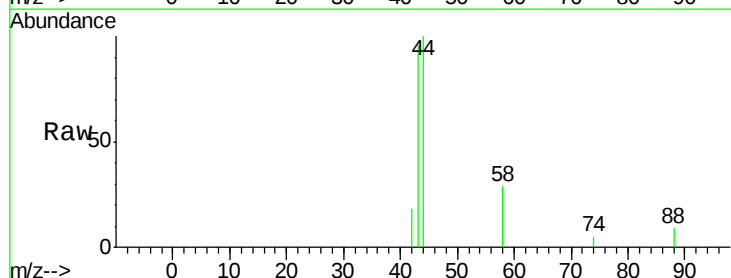
Tgt Ion: 88 Resp: 5

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

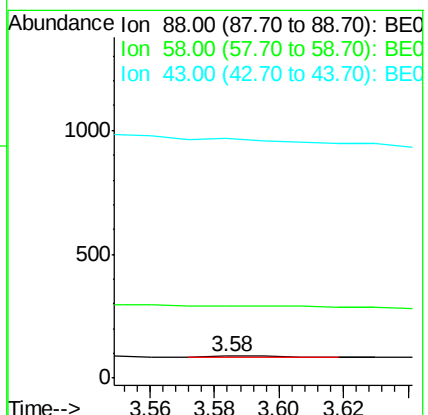
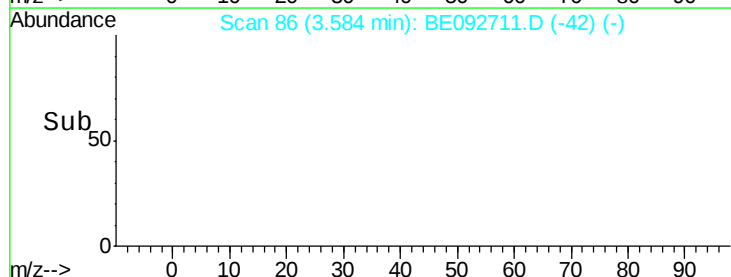
43 0.0 28.0 42.0#

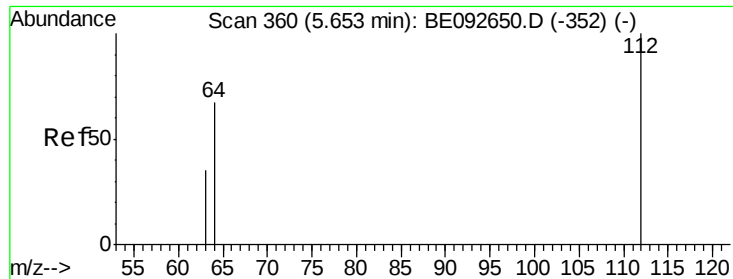


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 9.26 ng

RT: 5.63 min Scan# 356

Delta R.T. -0.03 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

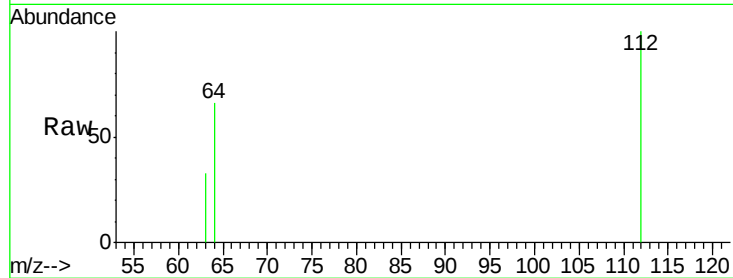
Tot Ion:112 Resp: 23498

Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

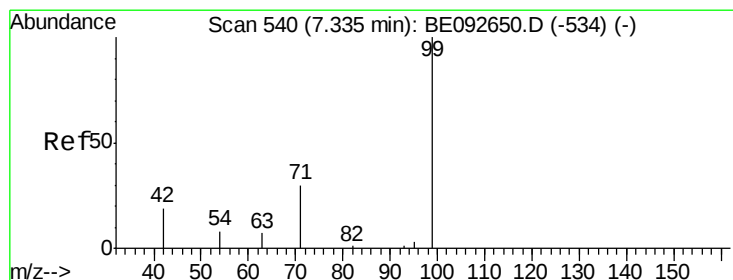
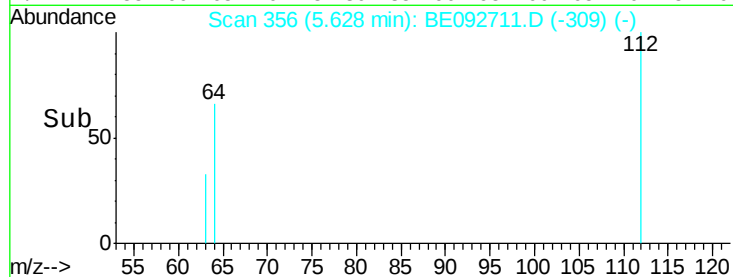
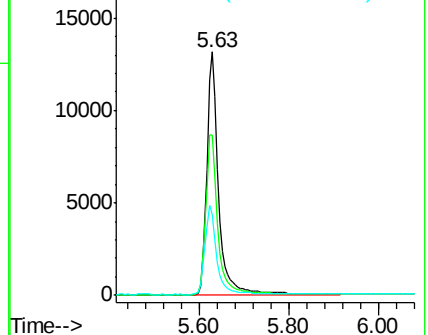
63 36.3 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092711.D (-352) (-)

Ion 64.00 (63.70 to 64.70): BE092711.D (-352) (-)

Ion 63.00 (62.70 to 63.70): BE092711.D (-352) (-)



#5

Phenol-d6

Concen: 9.54 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

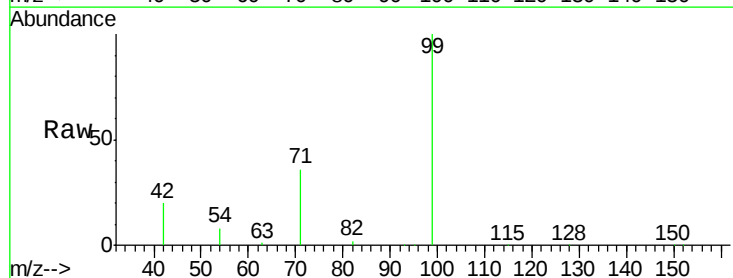
Tgt Ion: 99 Resp: 29670

Ion Ratio Lower Upper

99 100

42 22.9 16.0 24.0

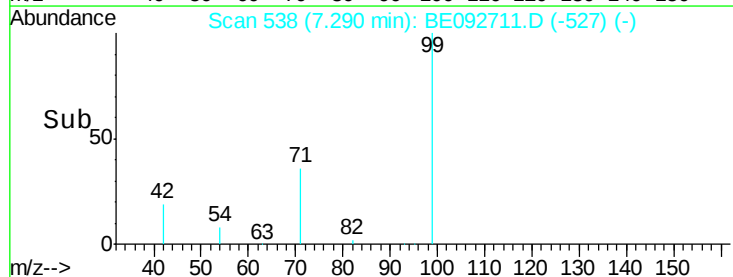
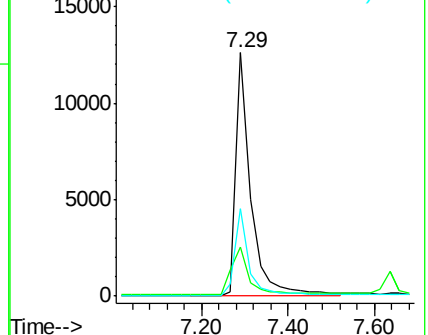
71 33.5 30.6 45.8

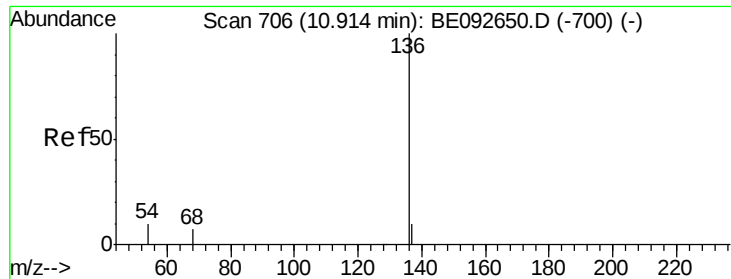


Abundance Ion 99.00 (98.70 to 99.70): BE092711.D (-527) (-)

Ion 42.00 (41.70 to 42.70): BE092711.D (-527) (-)

Ion 71.00 (70.70 to 71.70): BE092711.D (-527) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

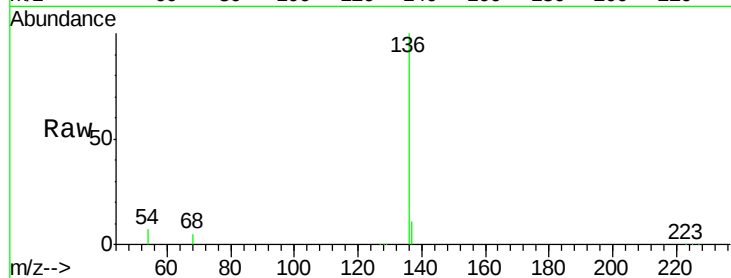
Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

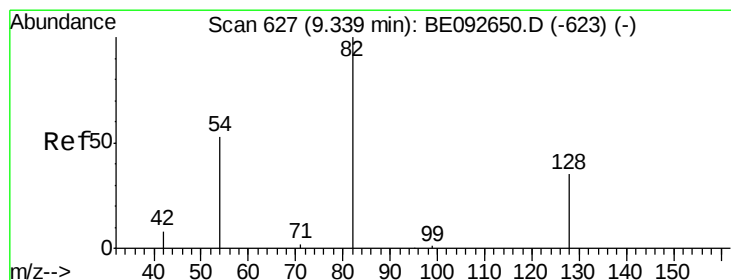
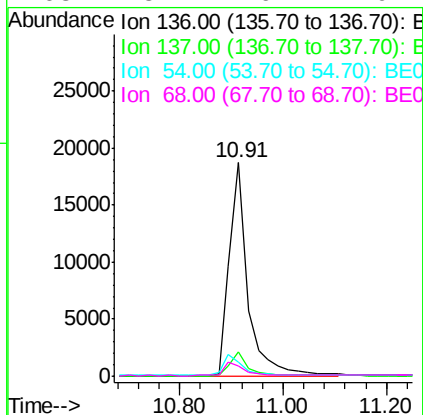
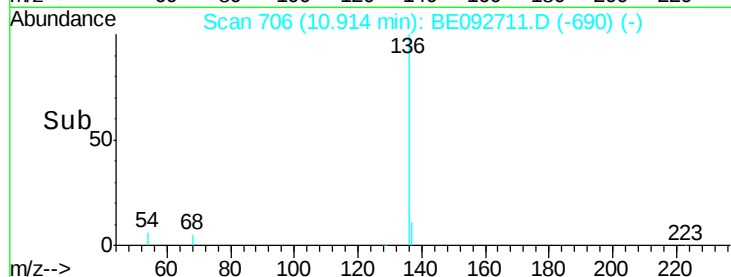
Instrument :

BNA_E

ClientSampled :



Tot Ion:136	Resp:	46530
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.4
54	6.7	9.6 14.4#
68	5.1	6.7 10.1#



#8

Nitrobenzene-d5

Concen: 4.10 ng

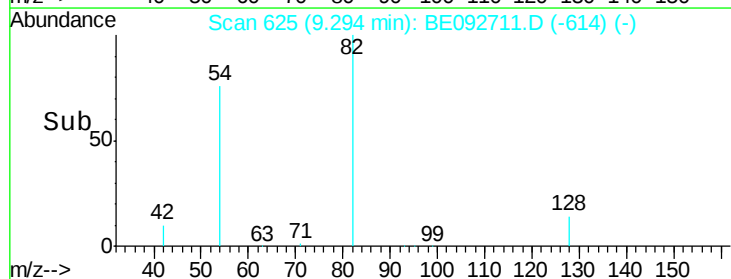
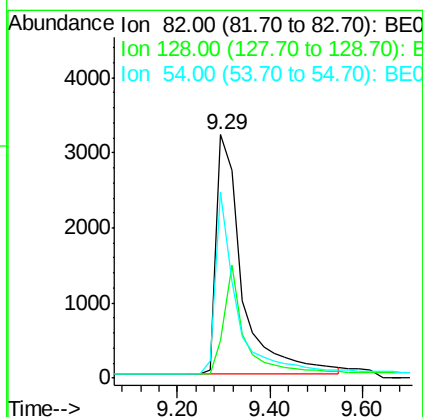
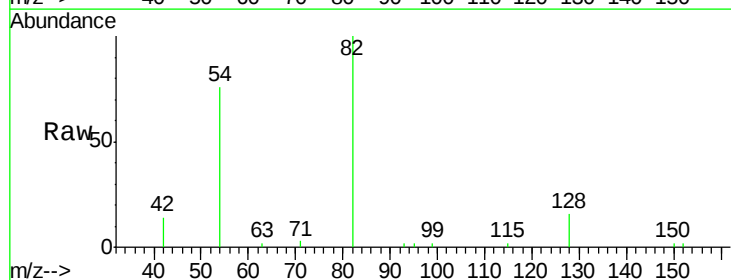
RT: 9.29 min Scan# 625

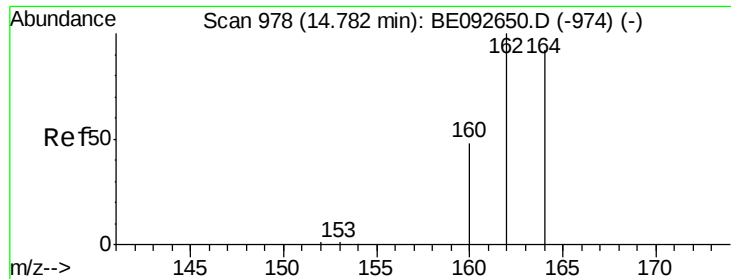
Delta R.T. -0.05 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Tgt Ion: 82	Resp:	12381
Ion Ratio	Lower	Upper
82	100	
128	15.6	39.0 58.4#
54	76.5	44.8 67.2#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

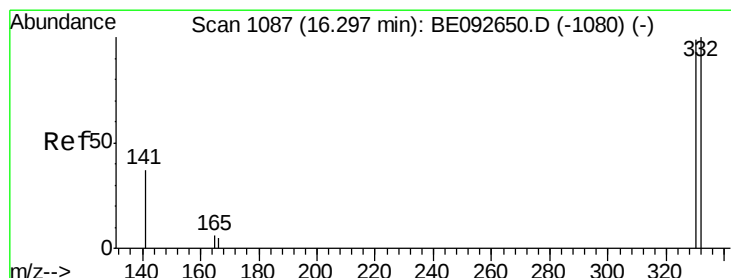
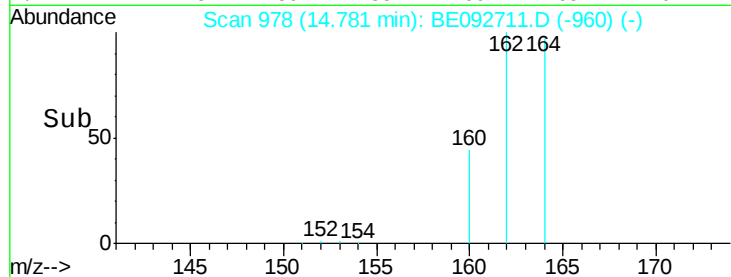
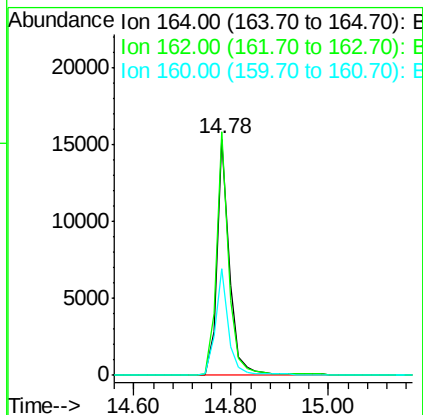
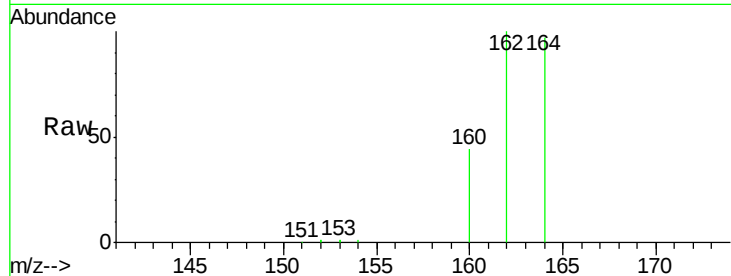
Tot Ion:164 Resp: 26850

Ion Ratio Lower Upper

164 100

162 103.0 71.4 107.0

160 45.1 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 7.23 ng

RT: 16.28 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

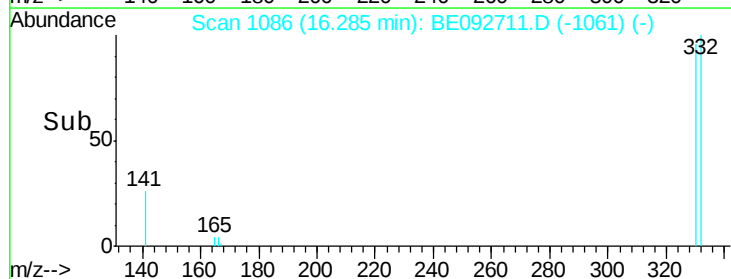
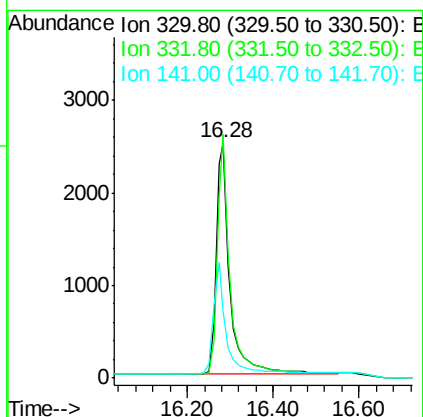
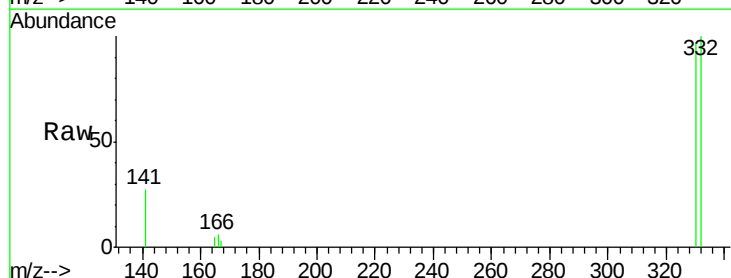
Tgt Ion:330 Resp: 5725

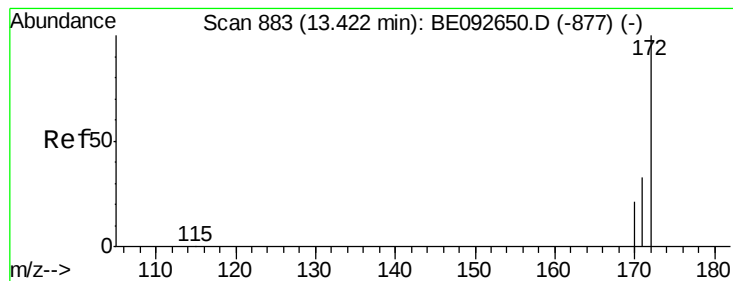
Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

141 43.7 31.0 46.6

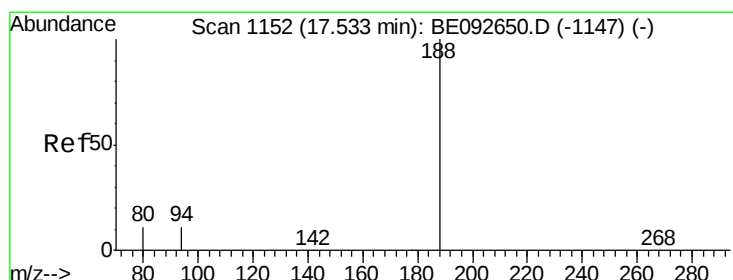
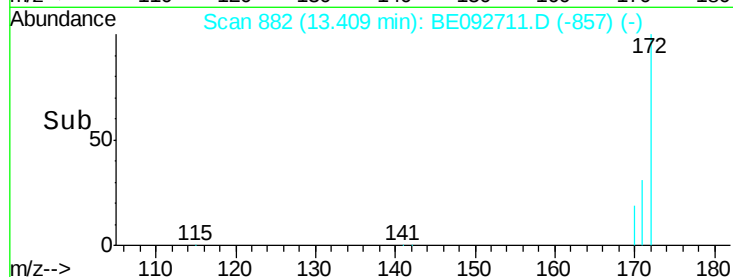
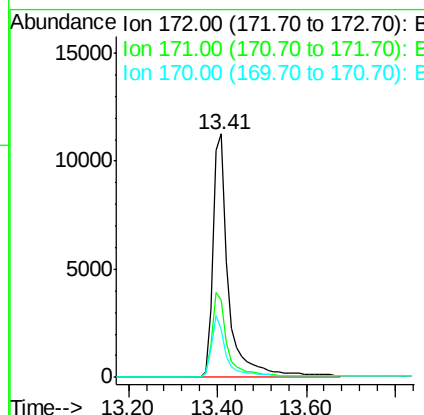
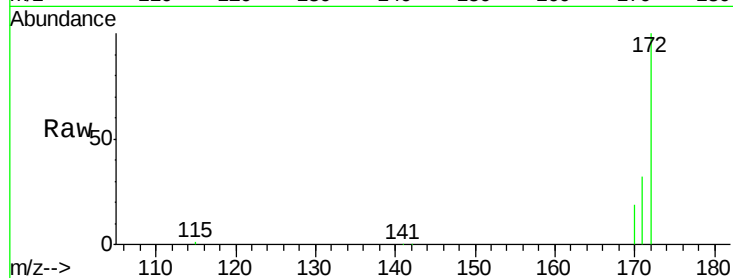




#14
2-Fluorobiphenyl
Concen: 4.08 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092711.D
Acq: 1 Feb 2017 12:36

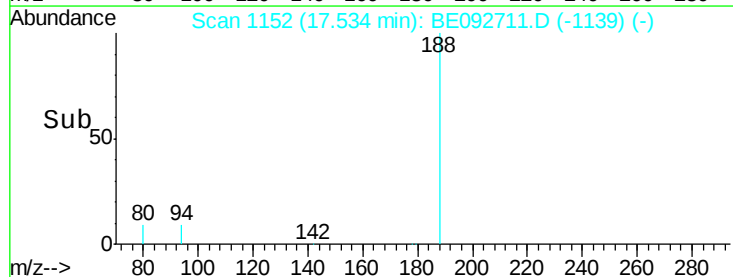
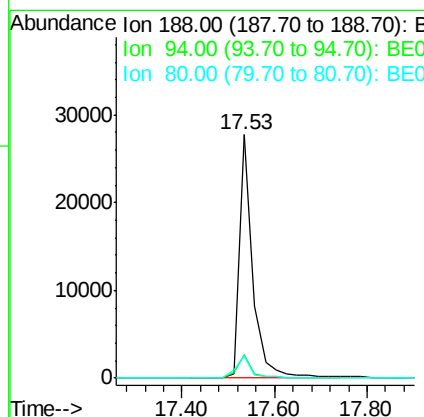
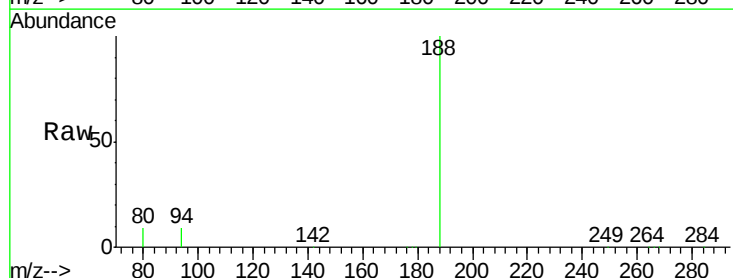
Instrument :
BNA_E
ClientSampleId :

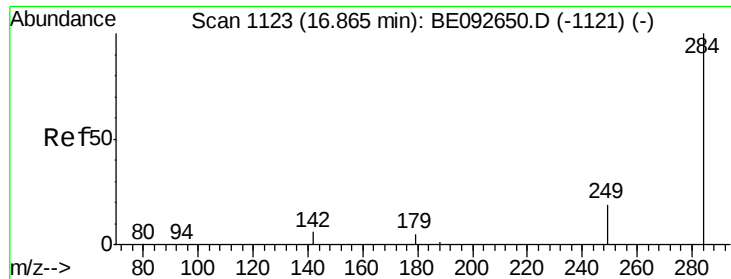
Tot Ion:172 Resp: 26951
Ion Ratio Lower Upper
172 100
171 31.6 30.1 45.1
170 19.5 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092711.D
Acq: 1 Feb 2017 12:36

Tgt Ion:188 Resp: 55709
Ion Ratio Lower Upper
188 100
94 9.4 3.2 4.8#
80 9.1 2.6 3.8#

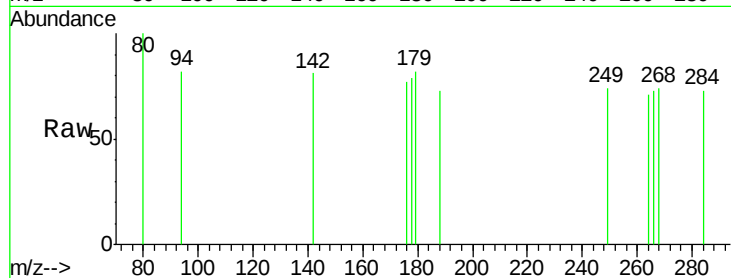




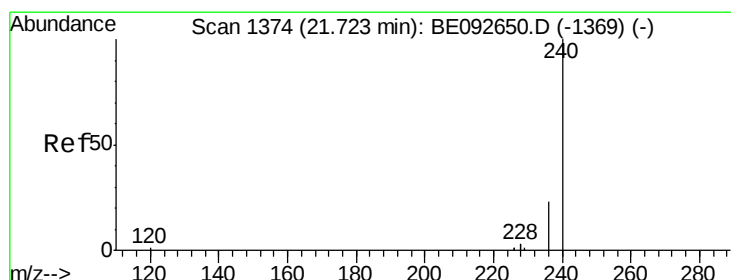
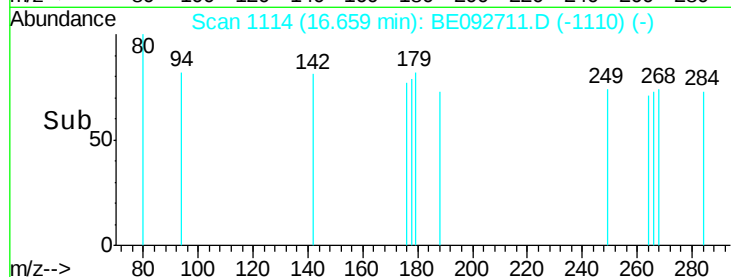
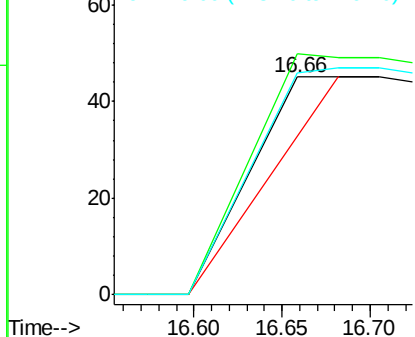
#19
Hexachlorobenzene
Concen: Below Cal
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092711.D
Acq: 1 Feb 2017 12:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 114
Ion Ratio Lower Upper
284 100
142 338.6 29.1 43.7#
249 0.0 27.9 41.9#

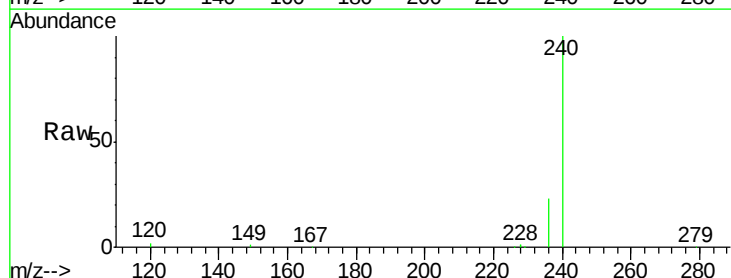


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

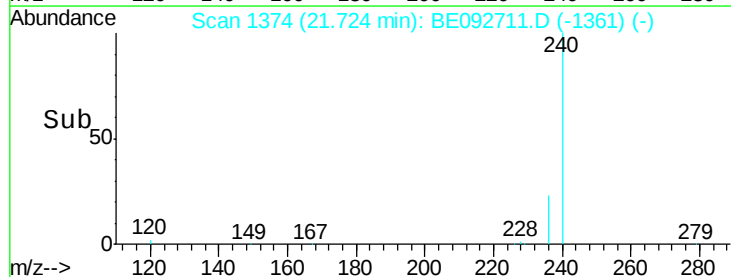
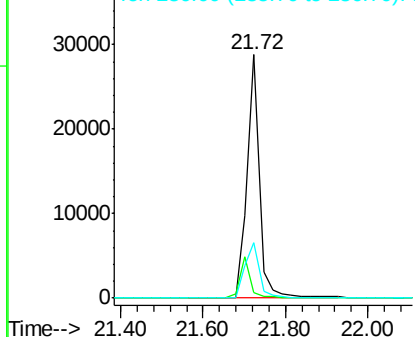


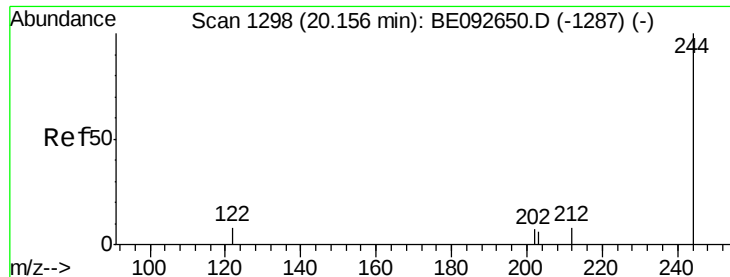
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092711.D
Acq: 1 Feb 2017 12:36

Tgt Ion:240 Resp: 59591
Ion Ratio Lower Upper
240 100
120 2.0 2.6 4.0#
236 22.8 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

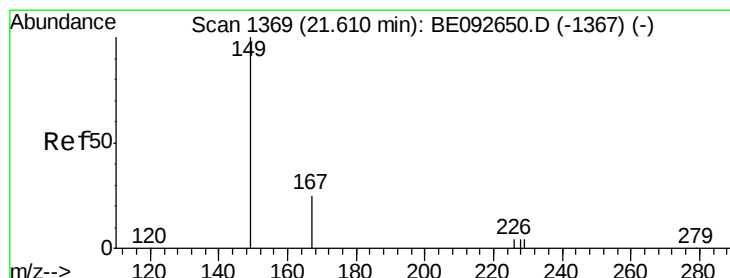
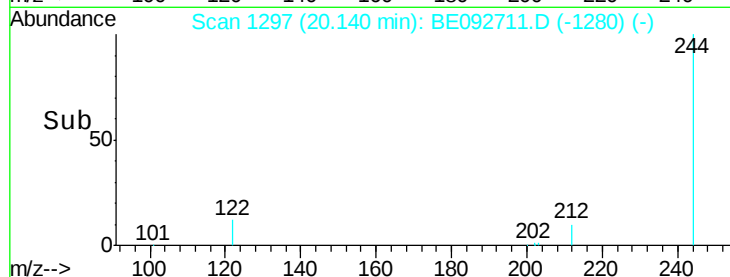
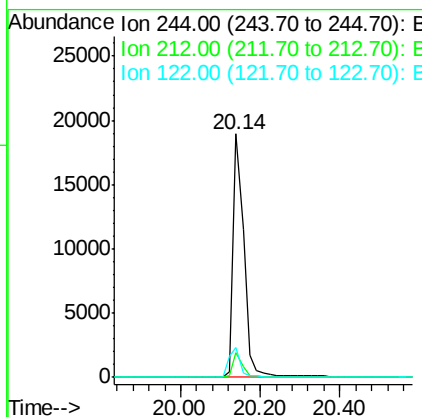
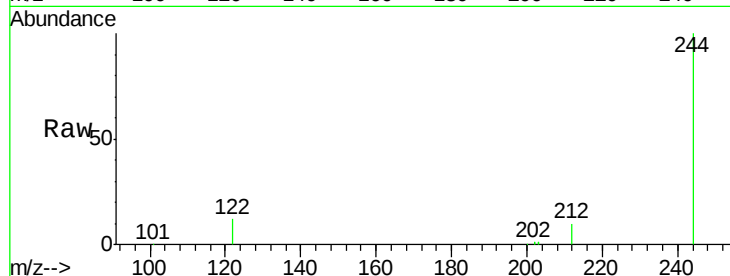




#26
 Terphenyl-d14
 Concen: 4.11 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092711.D
 Acq: 1 Feb 2017 12:36

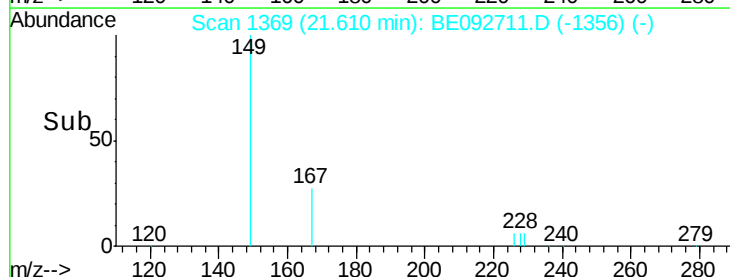
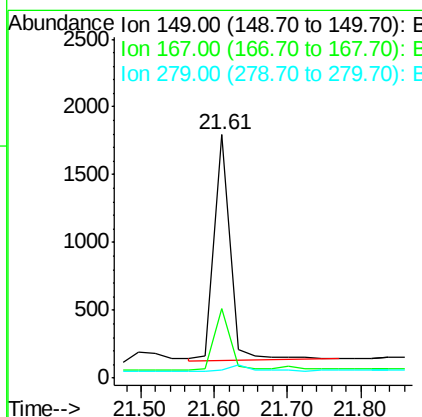
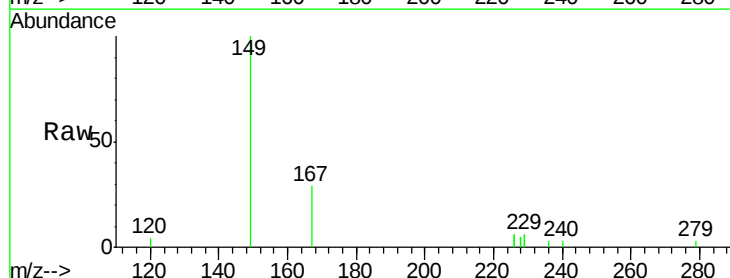
Instrument :
 BNA_E
 ClientSampled :

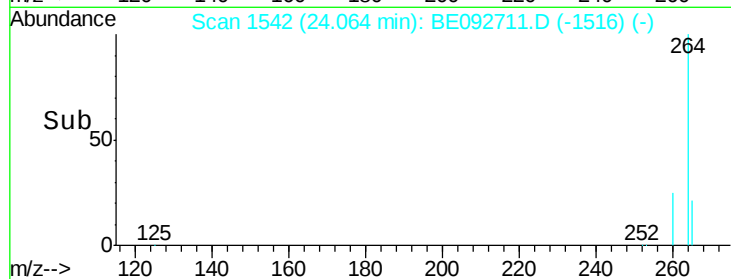
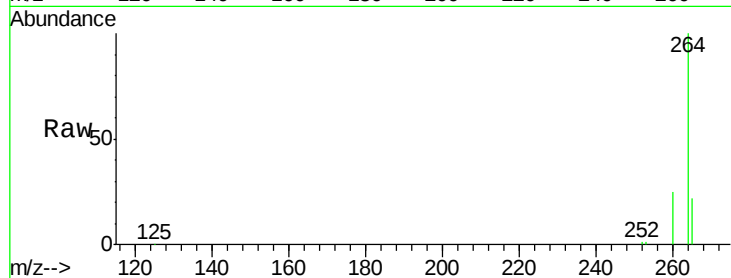
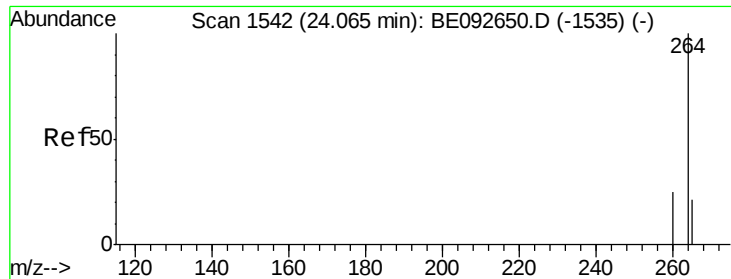
Tot Ion:244 Resp: 34633
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.7 10.1
 122 12.3 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092711.D
 Acq: 1 Feb 2017 12:36

Tgt Ion:149 Resp: 2543
 Ion Ratio Lower Upper
 149 100
 167 27.1 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: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 70258

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.9 17.9 26.9

