

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090628.D
 Acq On : 25 Aug 2015 23:59
 Operator : UM/IZ
 Sample : G3401-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:29:09 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

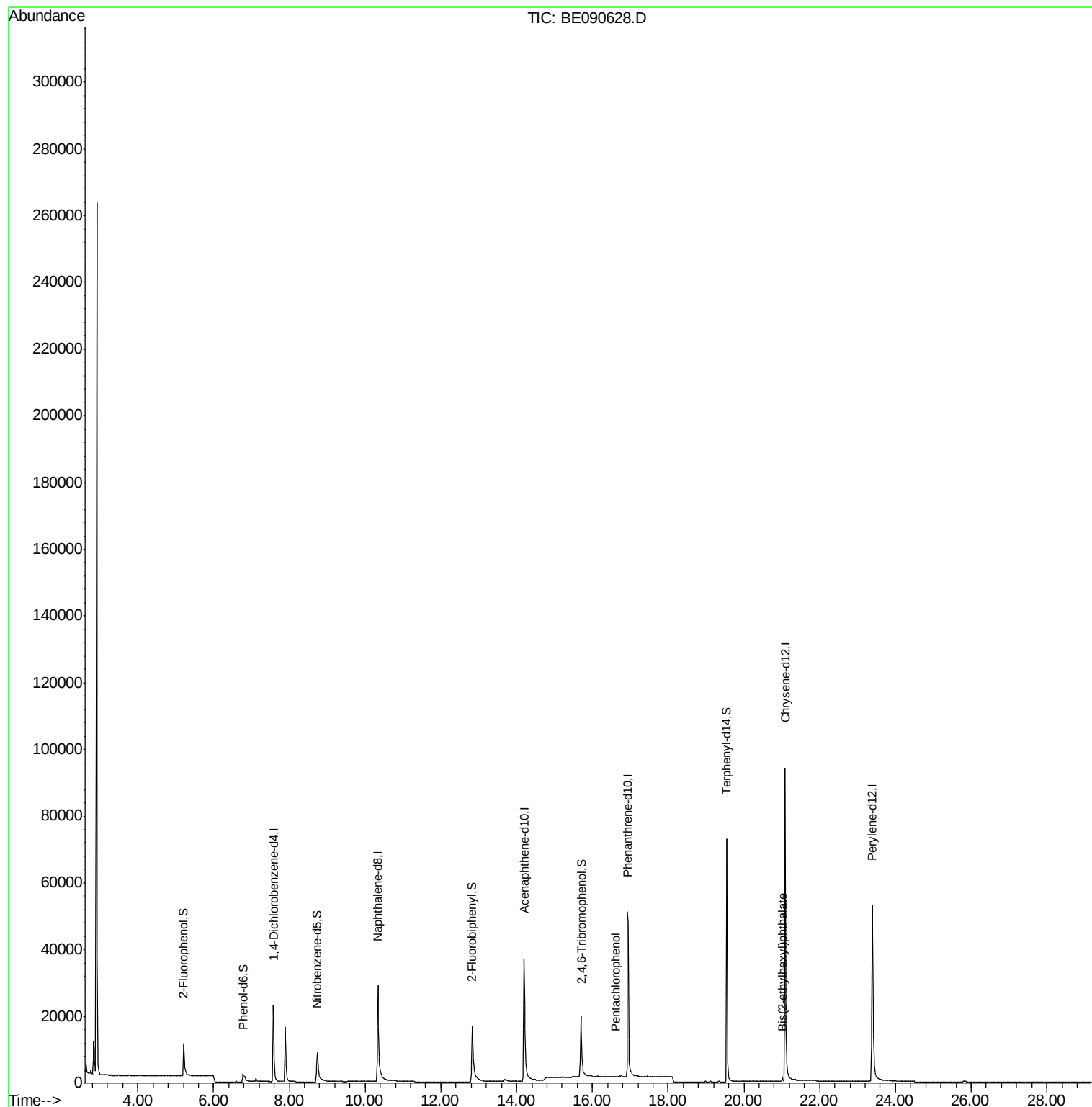
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14103	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	60947	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	36214	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	97975	5.00	ng	0.00
25) Chrysene-d12	21.09	240	111728	5.00	ng	0.00
32) Perylene-d12	23.39	264	96661	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10480	2.57	ng	0.00
5) Phenol-d6	6.78	99	7317	1.22	ng	0.00
7) Nitrobenzene-d5	8.74	82	16422	3.38	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12117	8.69	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	36261	3.35	ng	0.00
27) Terphenyl-d14	19.55	244	83962	4.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	26	Below Cal	#	1
21) Pentachlorophenol	16.61	266	25	0.31 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.02	149	1360	0.21 ng	#	95

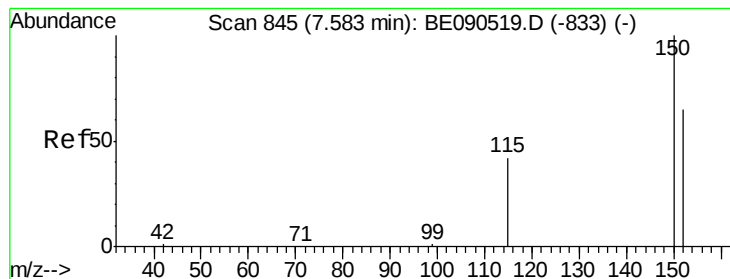
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

Instrument :

BNA_E

ClientSampled :

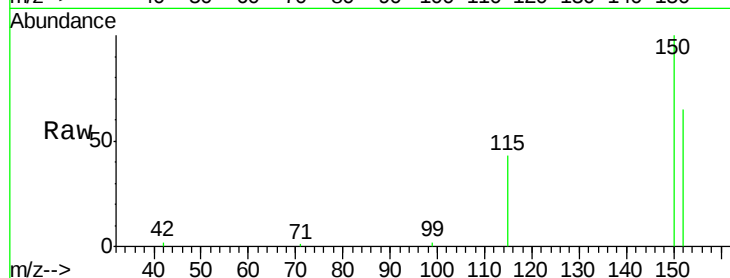
Tot Ion:152 Resp: 14103

Ion Ratio Lower Upper

152 100

150 154.0 123.0 184.4

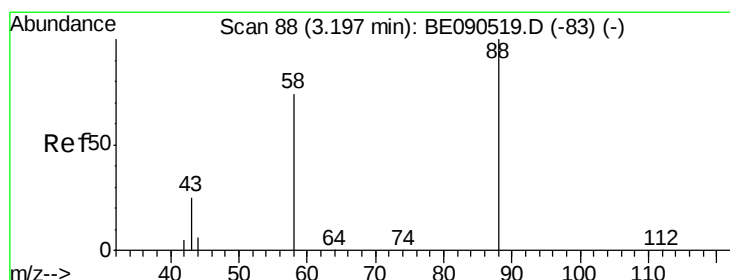
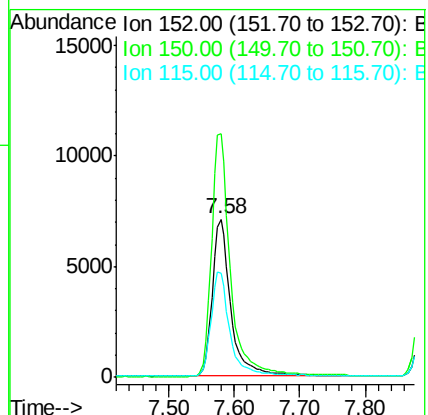
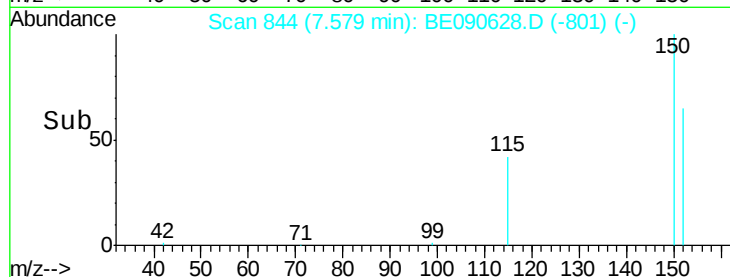
115 65.7 48.9 73.3



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: 3.29 min Scan# 102

Delta R.T. 0.09 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

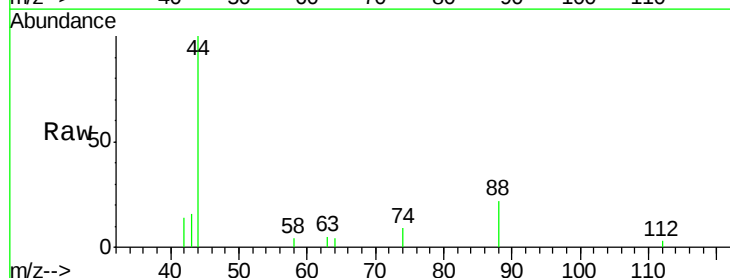
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

58 7.7 70.0 105.0#

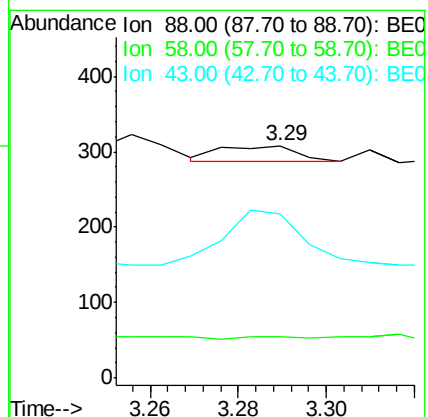
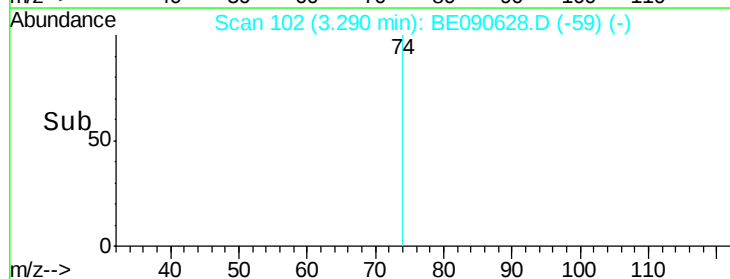
43 396.2 28.4 42.6#

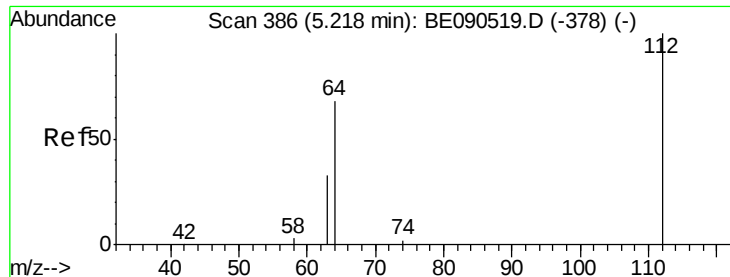


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.57 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

Instrument :

BNA_E

ClientSampleId :

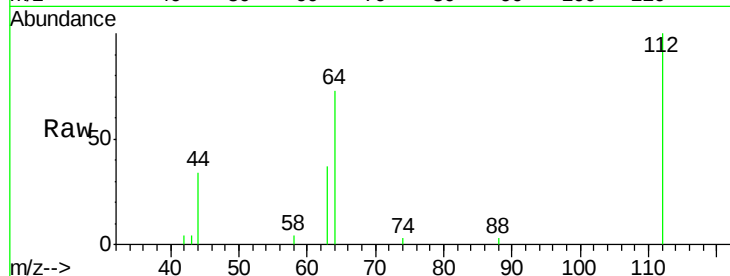
Tot Ion:112 Resp: 10480

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

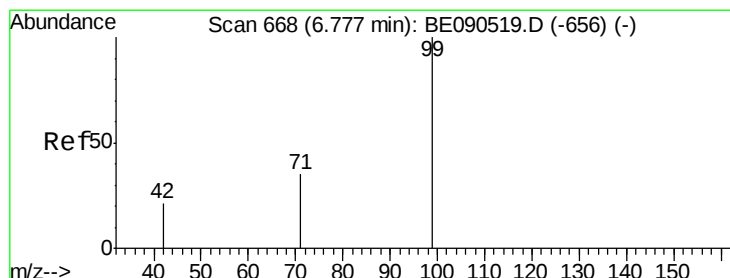
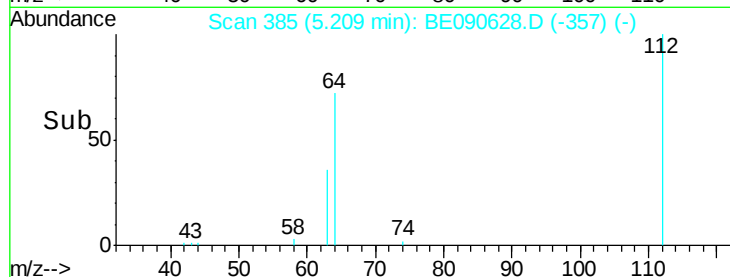
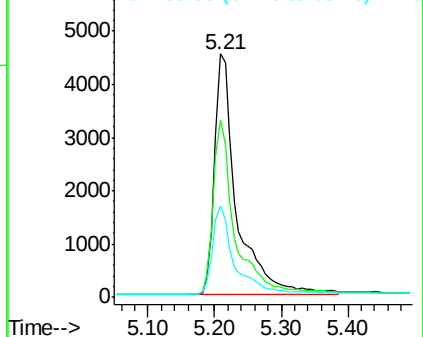
63 36.1 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.22 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

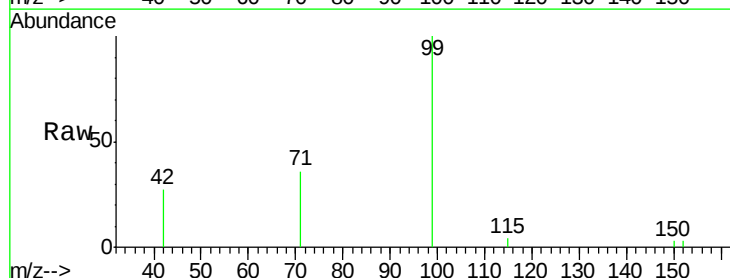
Tgt Ion: 99 Resp: 7317

Ion Ratio Lower Upper

99 100

42 18.1 18.2 27.4#

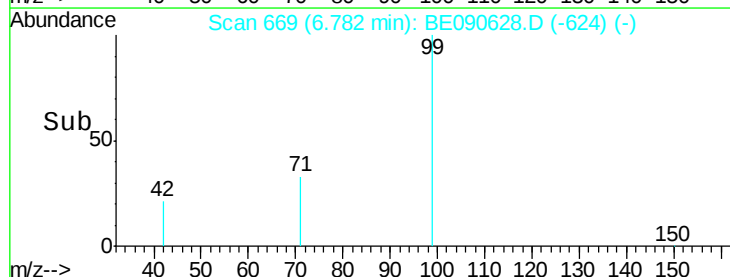
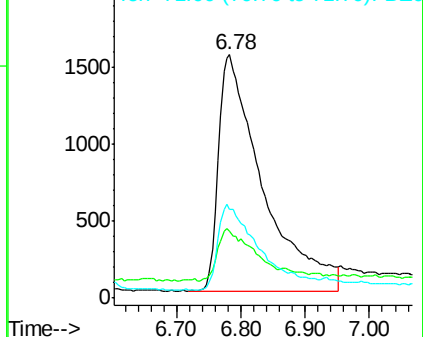
71 34.5 27.4 41.0

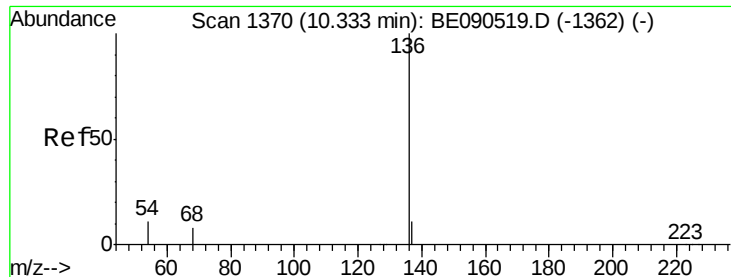


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)

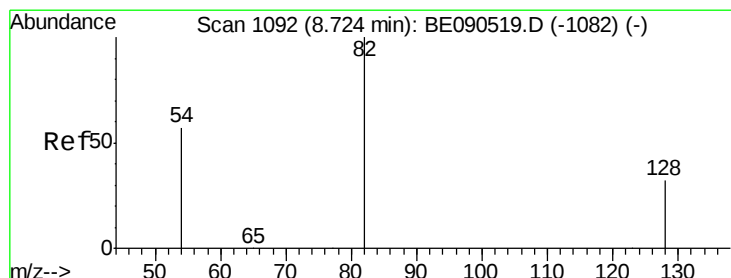
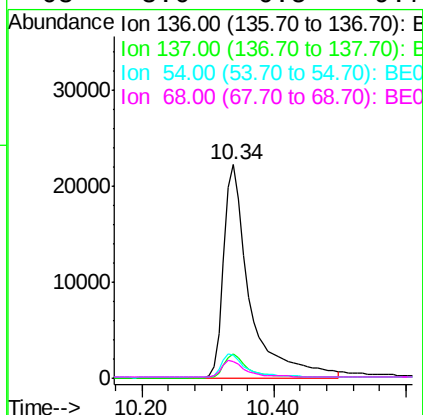
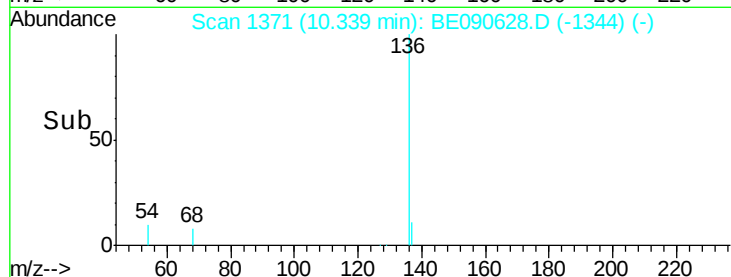
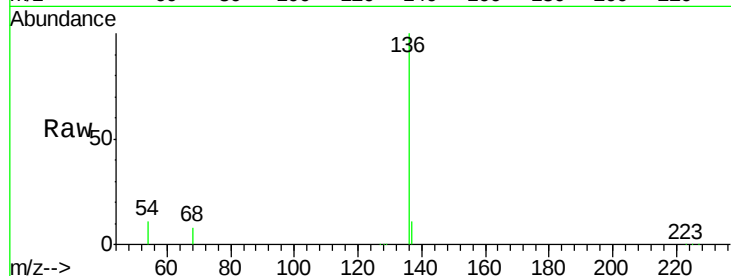




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090628.D
Acq: 25 Aug 2015 23:59

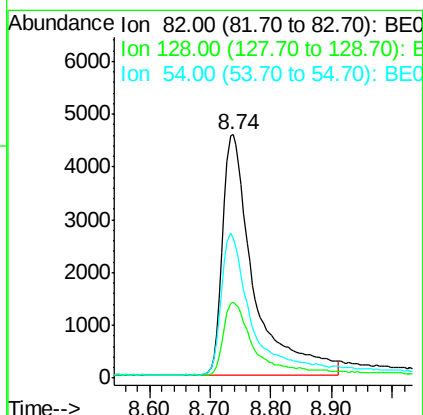
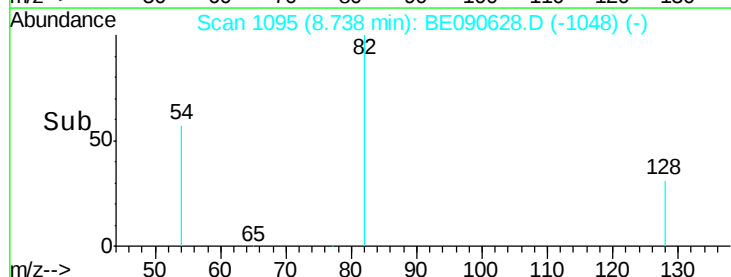
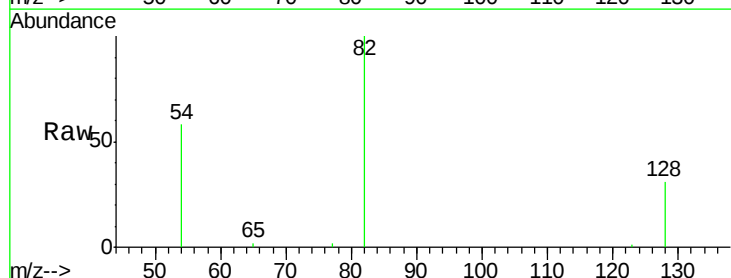
Instrument :
BNA_E
ClientSampleId :

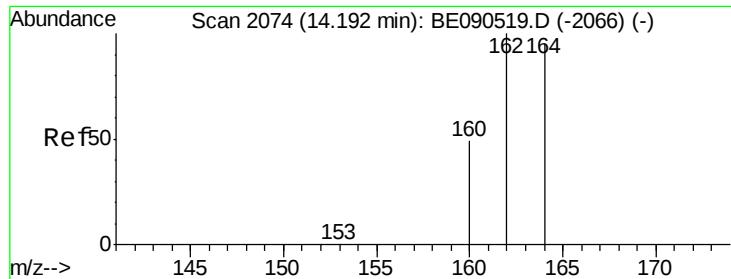
Tot Ion:136	Resp:	60947
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	10.8	9.4 14.0
68	8.0	6.5 9.7



#7
Nitrobenzene-d5
Concen: 3.38 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090628.D
Acq: 25 Aug 2015 23:59

Tgt Ion: 82	Resp:	16422
Ion	Ratio	Lower Upper
82	100	
128	31.4	25.0 37.6
54	57.7	48.8 73.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

Instrument :

BNA_E

ClientSampleId :

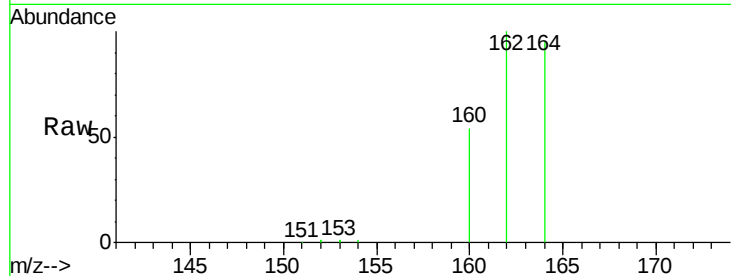
Tot Ion:164 Resp: 36214

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.8

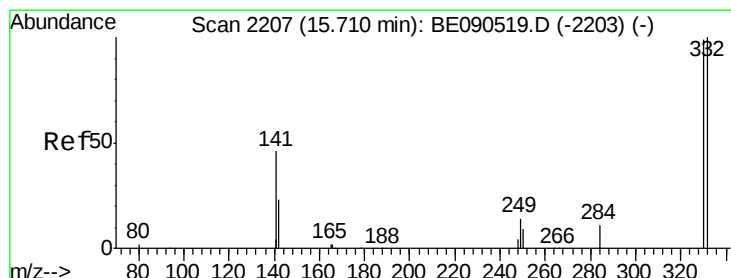
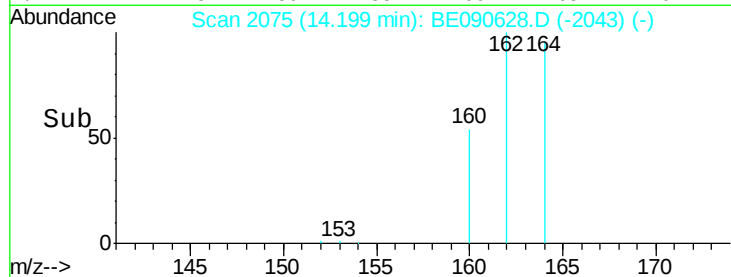
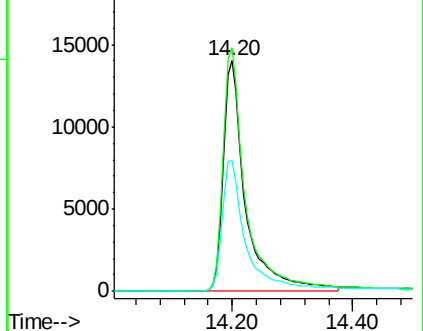
160 56.8 44.2 66.4



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: 8.69 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090628.D

Acq: 25 Aug 2015 23:59

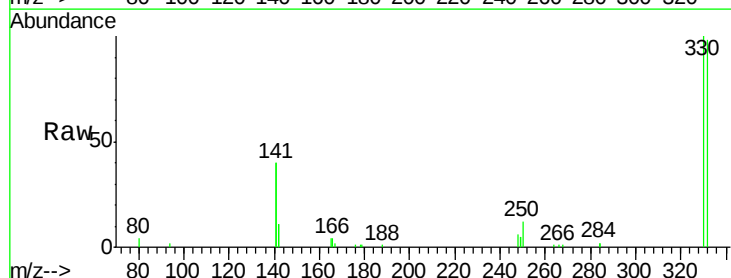
Tgt Ion:330 Resp: 12117

Ion Ratio Lower Upper

330 100

332 95.0 75.8 113.6

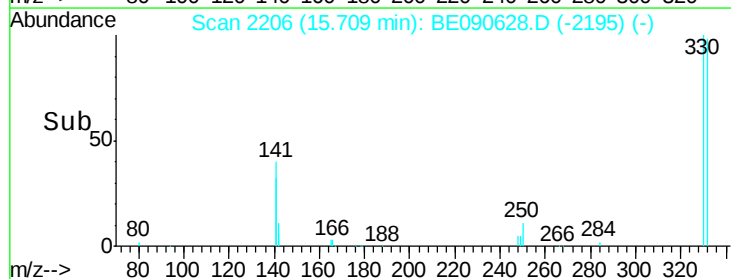
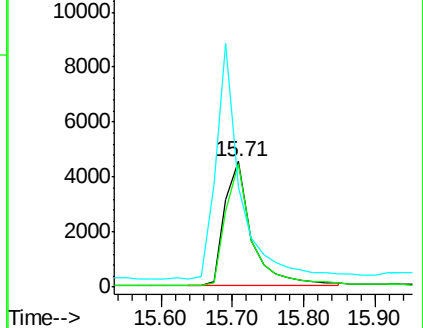
141 171.8 114.4 171.6#

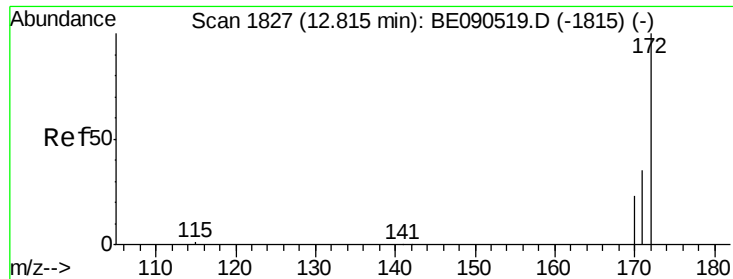


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

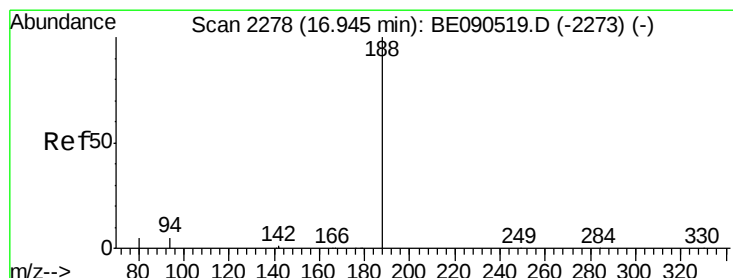
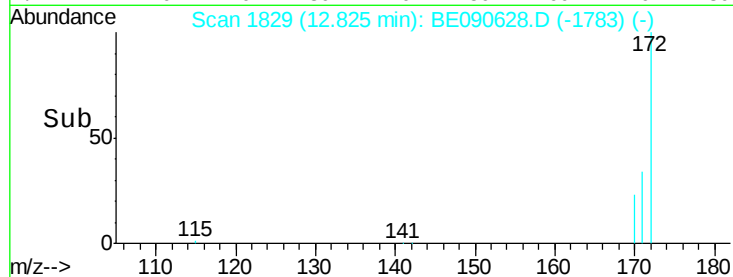
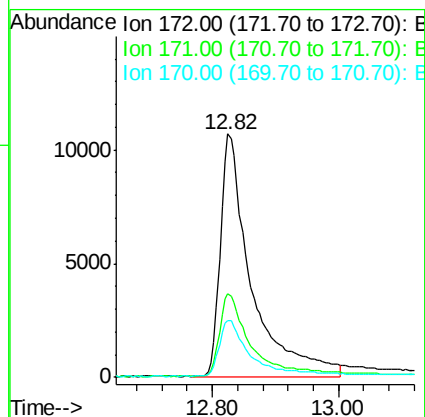
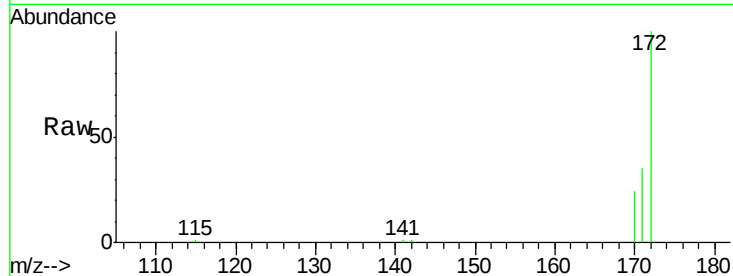




#14
2-Fluorobiphenyl
Concen: 3.35 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BE090628.D
Acq: 25 Aug 2015 23:59

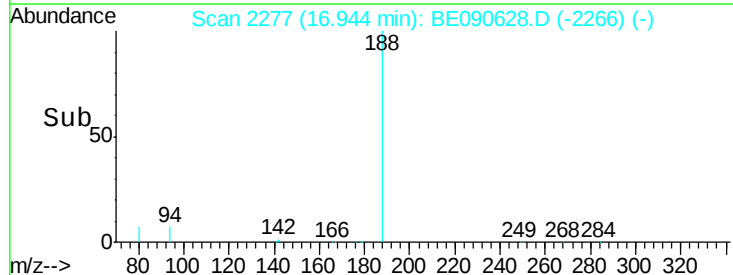
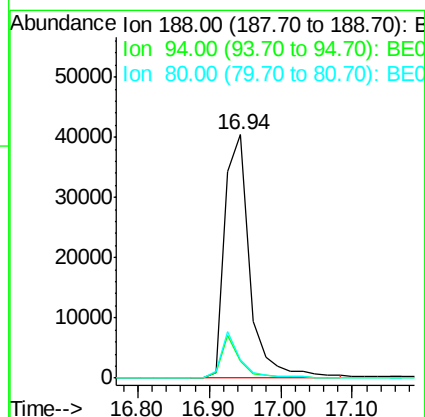
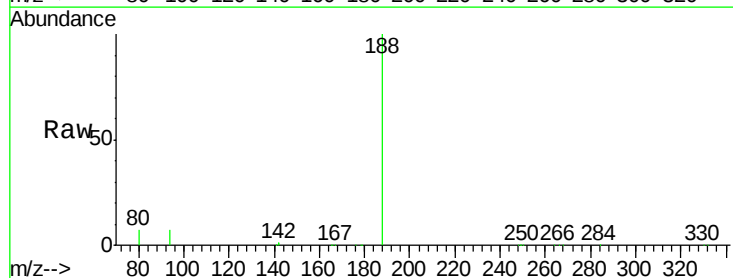
Instrument :
BNA_E
ClientSampled :

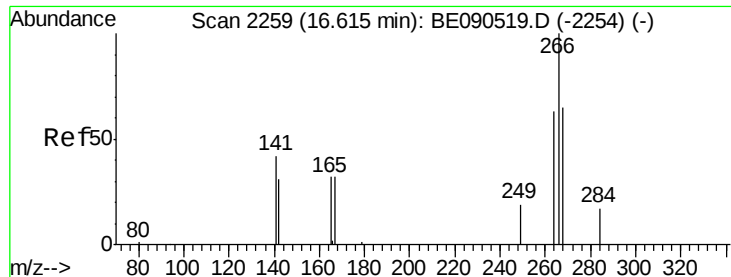
Tot Ion:172 Resp: 36261
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.5 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090628.D
Acq: 25 Aug 2015 23:59

Tgt Ion:188 Resp: 97975
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.3 5.8 8.8

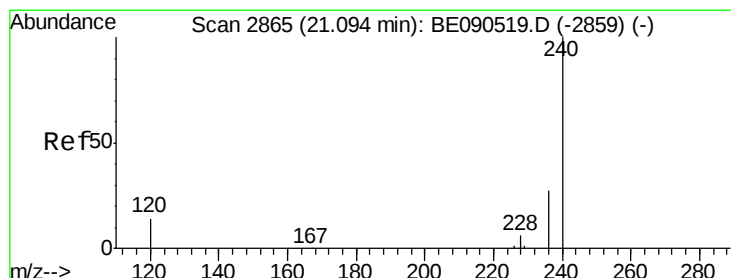
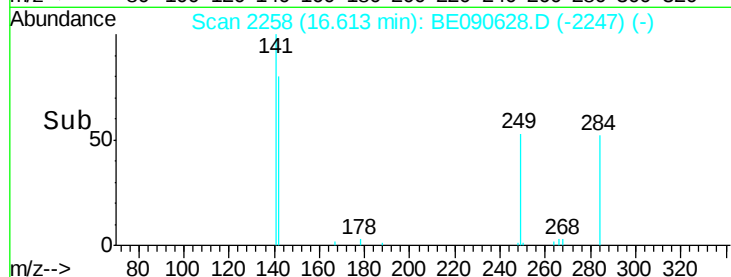
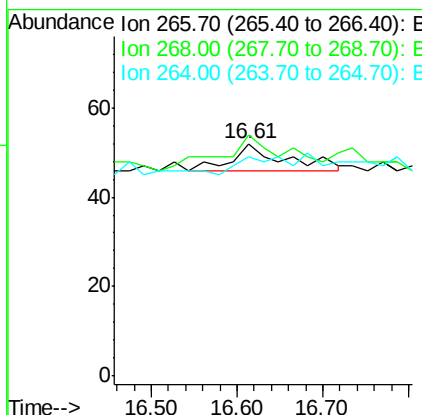
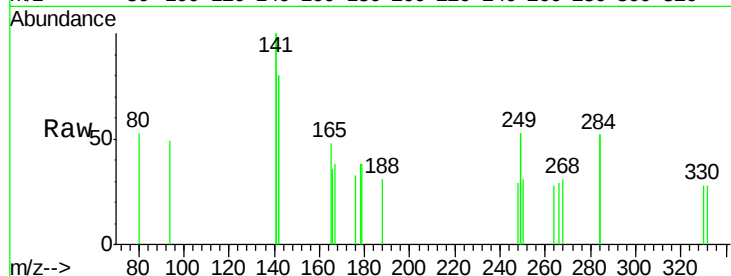




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090628.D
 Acq: 25 Aug 2015 23:59

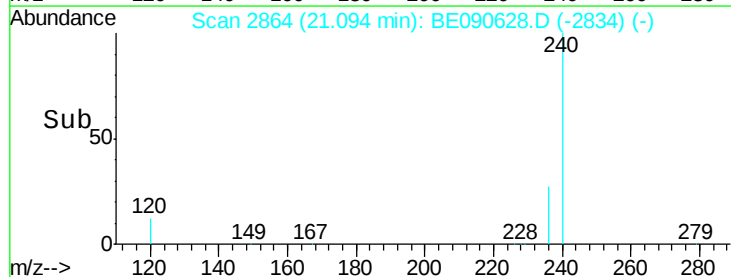
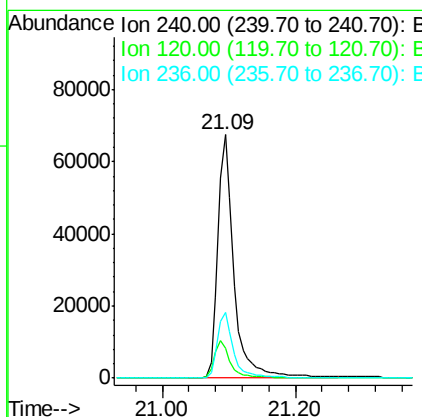
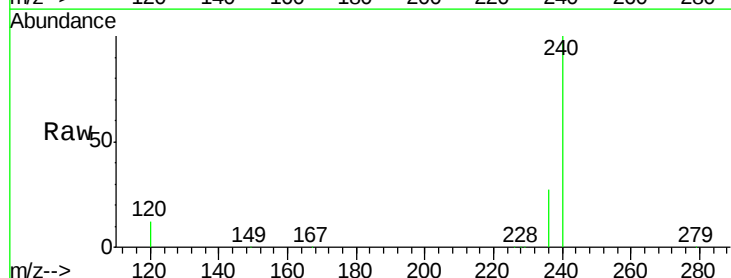
Instrument :
 BNA_E
 ClientSampleId :

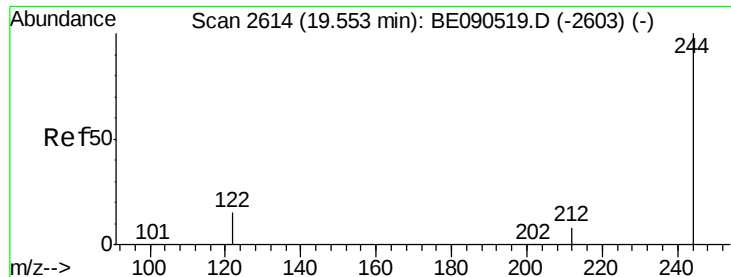
Tot Ion:266 Resp: 25
 Ion Ratio Lower Upper
 266 100
 268 103.8 58.5 87.7#
 264 94.2 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090628.D
 Acq: 25 Aug 2015 23:59

Tgt Ion:240 Resp: 111728
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 26.7 21.0 31.4

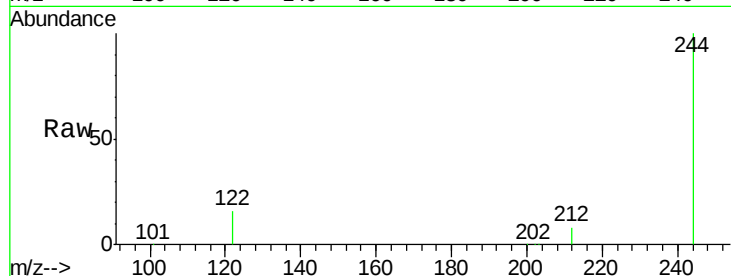




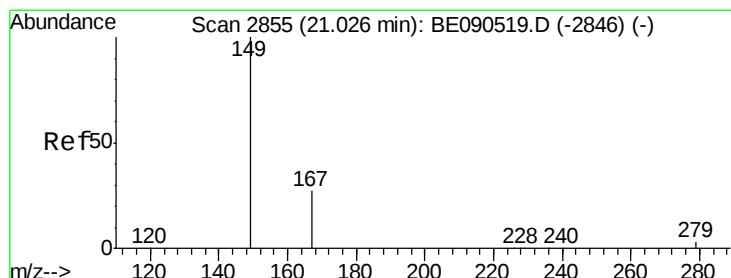
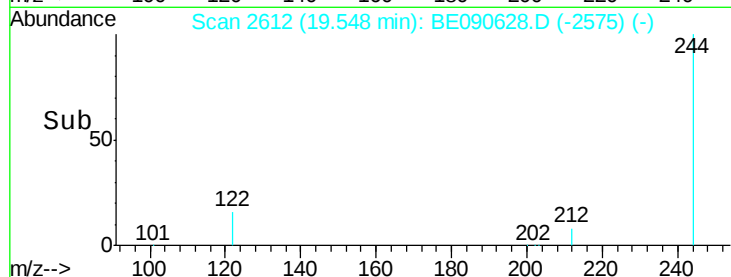
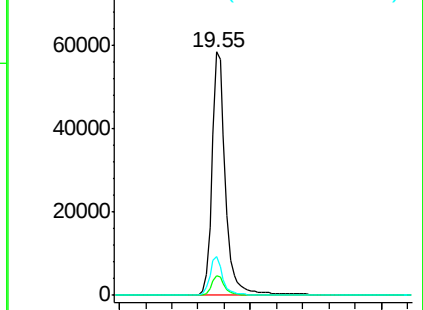
#27
 Terphenyl-d14
 Concen: 4.11 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090628.D
 Acq: 25 Aug 2015 23:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 83962
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.9 10.2 15.4#

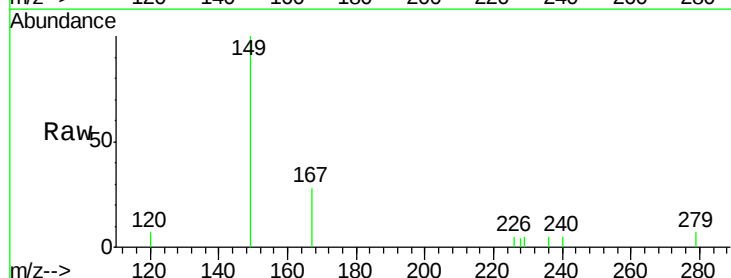


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

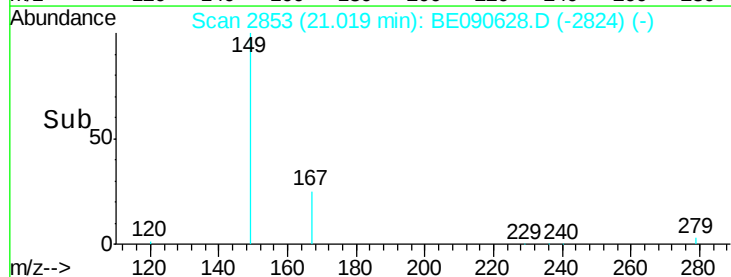
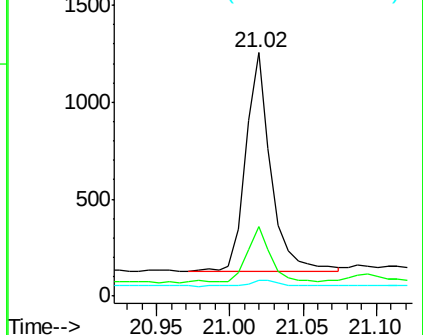


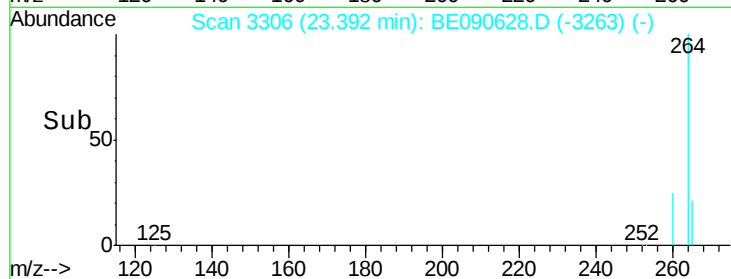
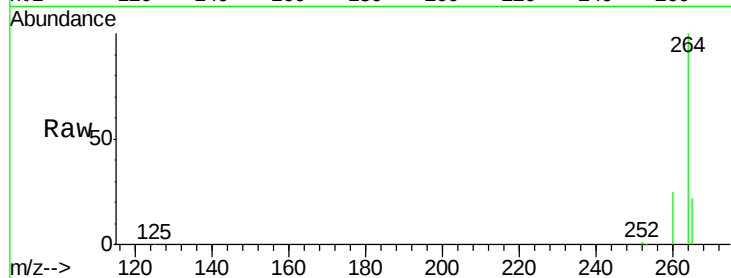
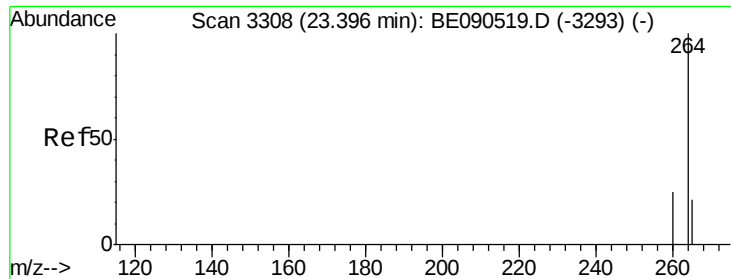
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090628.D
 Acq: 25 Aug 2015 23:59

Tgt Ion:149 Resp: 1360
 Ion Ratio Lower Upper
 149 100
 167 22.2 19.8 29.8
 279 3.8 2.4 3.6#



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





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090628.D
 Acq: 25 Aug 2015 23:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 96661
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.7 17.2 25.8

