

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090631.D
 Acq On : 26 Aug 2015 1:46
 Operator : UM/IZ
 Sample : G3401-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:29:38 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

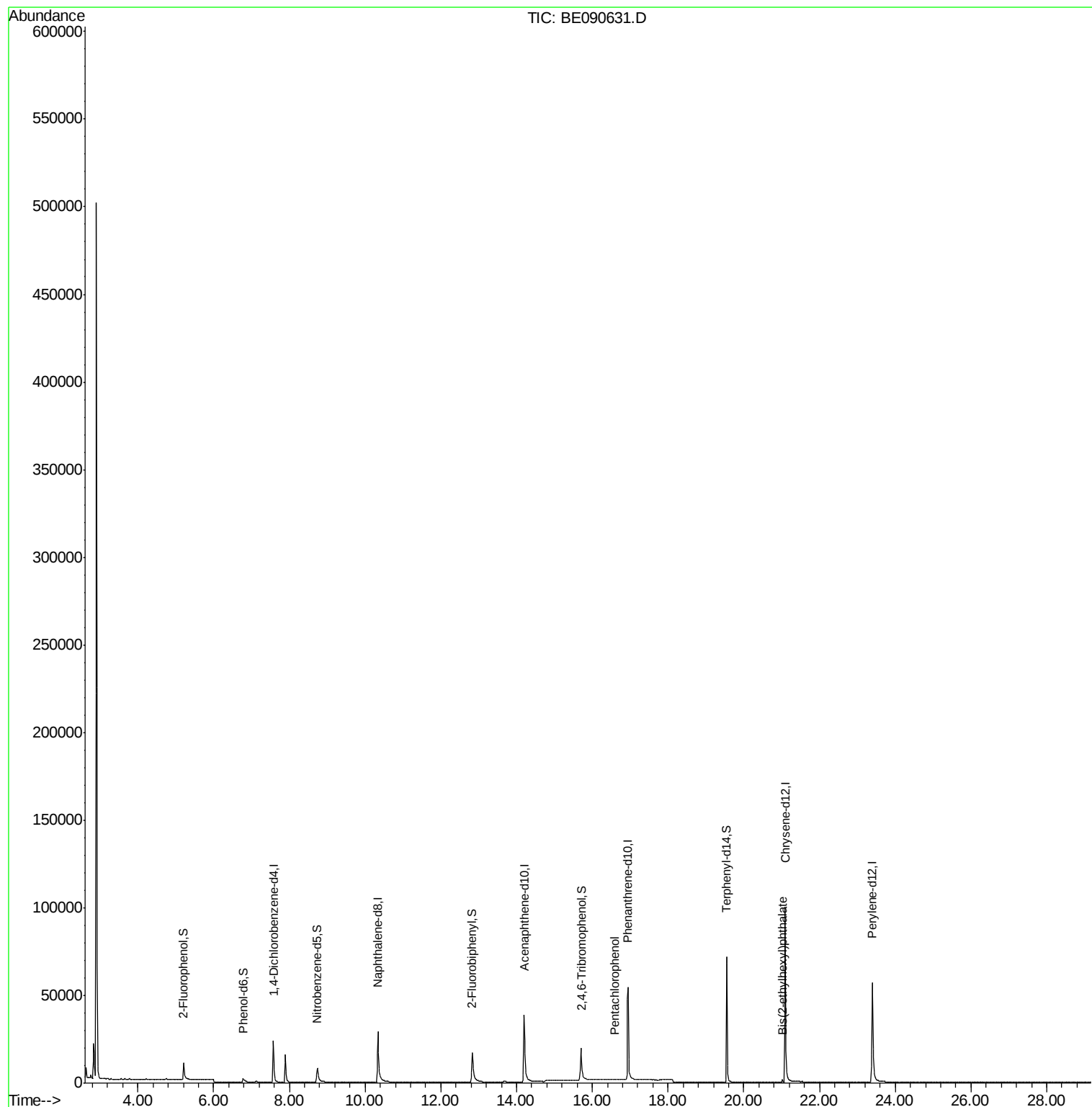
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14574	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	62028	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37074	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	100900	5.00	ng	0.00
25) Chrysene-d12	21.09	240	113101	5.00	ng	0.00
32) Perylene-d12	23.40	264	97166	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10079	2.39	ng	0.00
5) Phenol-d6	6.78	99	7313	1.18	ng	0.00
7) Nitrobenzene-d5	8.74	82	15780	3.19	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	11932	8.36	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	36648	3.31	ng	0.01
27) Terphenyl-d14	19.55	244	81485	3.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	10	Below Cal	#	15
21) Pentachlorophenol	16.60	266	10	0.31 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.02	149	1190	0.20 ng		97

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

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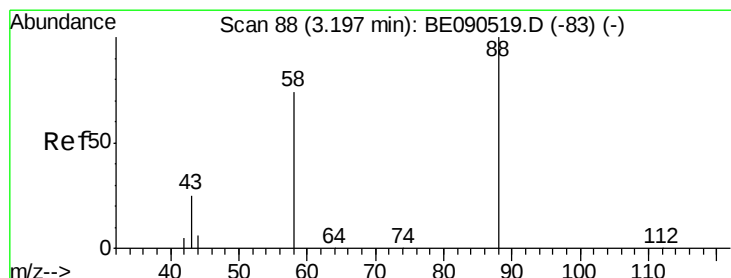
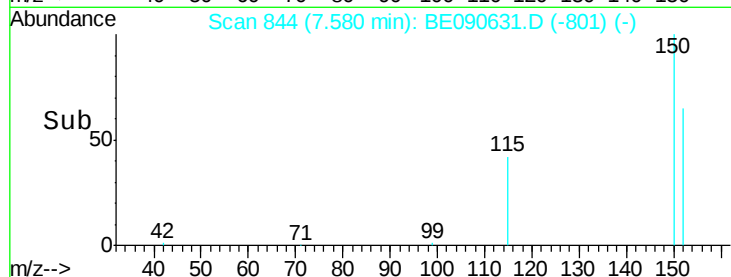
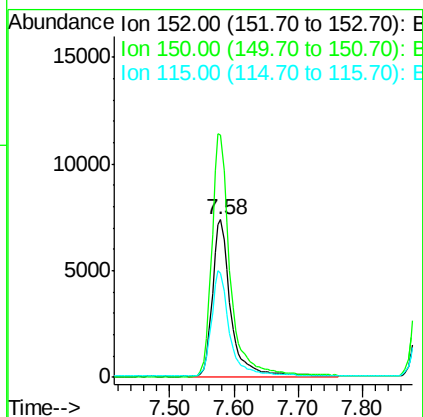
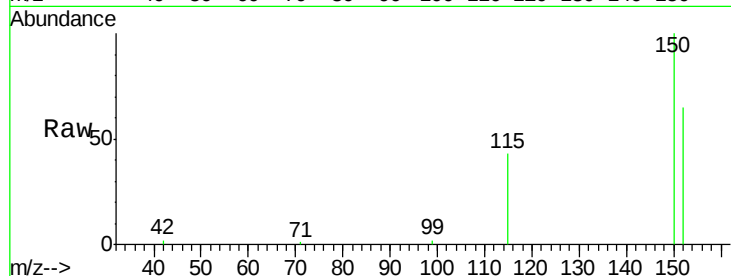


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

Instrument :
BNA_E
ClientSampleId :

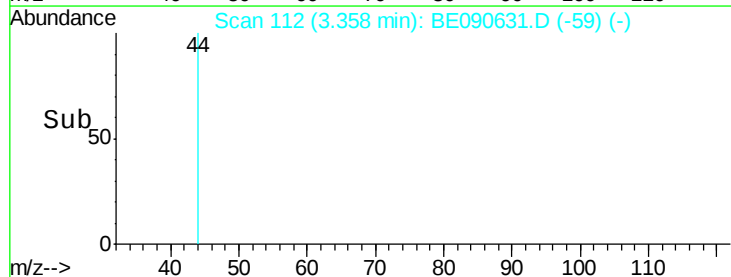
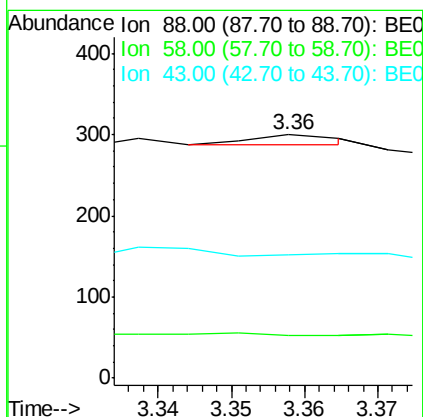
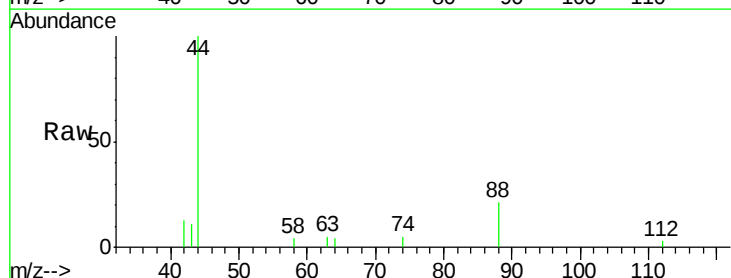
Tot Ion:152 Resp: 14574
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.4
115 65.7 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.36 min Scan# 112
Delta R.T. 0.16 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

Tgt Ion: 88 Resp: 10
Ion Ratio Lower Upper
88 100
58 0.0 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.39 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

Instrument :

BNA_E

ClientSampled :

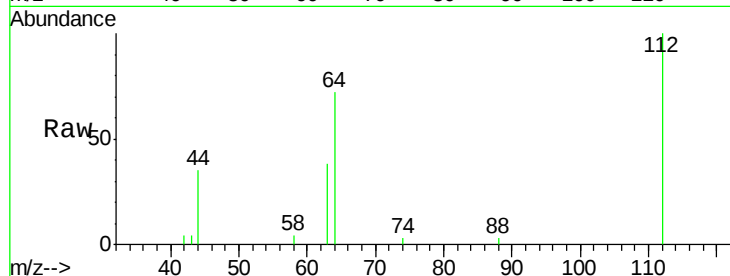
Tot Ion:112 Resp: 10079

Ion Ratio Lower Upper

112 100

64 70.4 37.1 55.7#

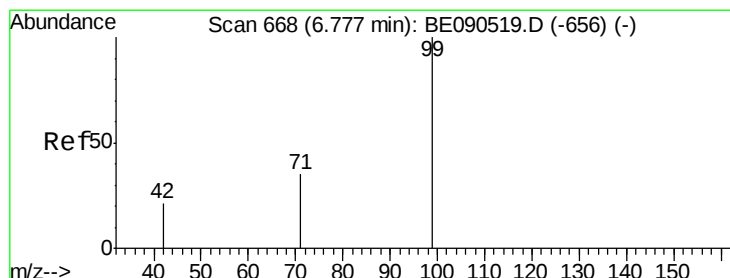
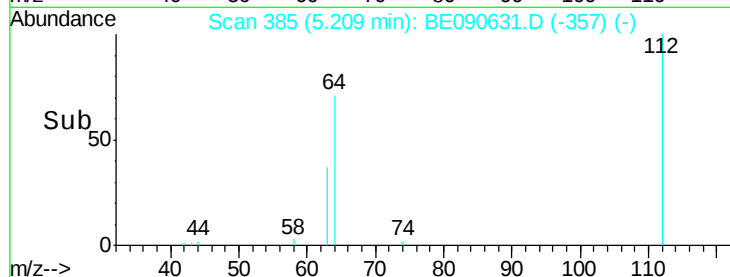
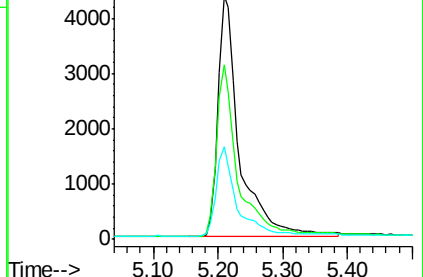
63 35.3 19.5 29.3#



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: 1.18 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

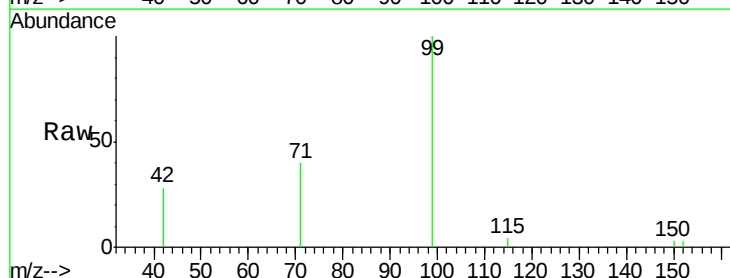
Tgt Ion: 99 Resp: 7313

Ion Ratio Lower Upper

99 100

42 22.4 18.2 27.4

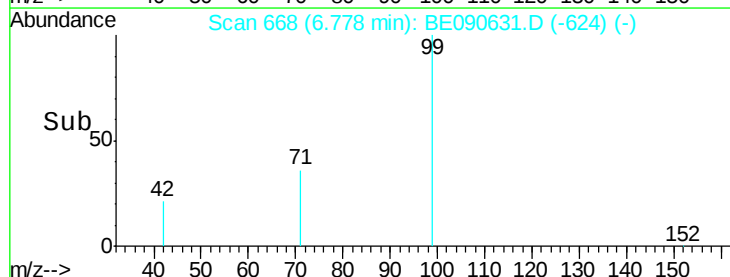
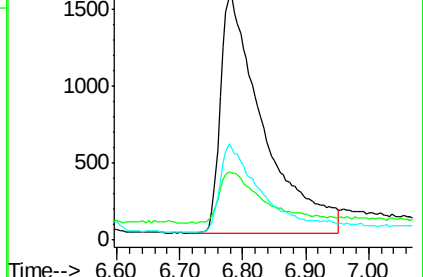
71 33.8 27.4 41.0

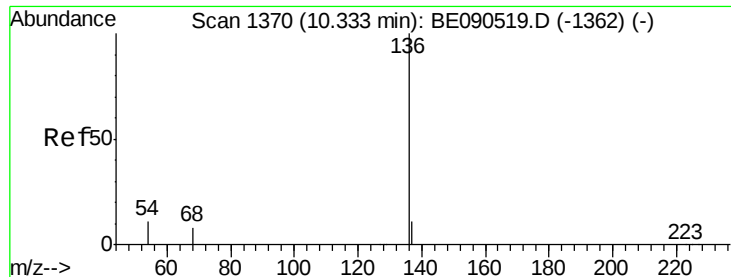


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

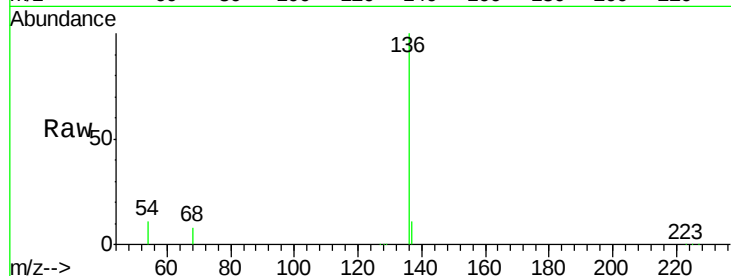




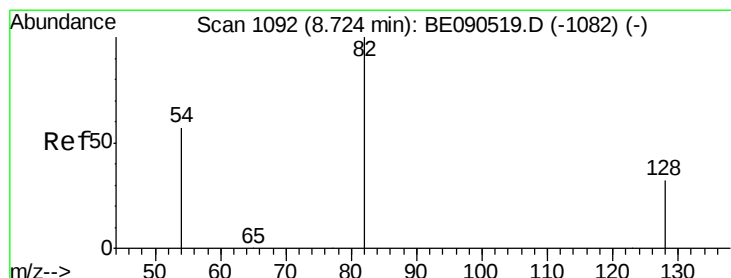
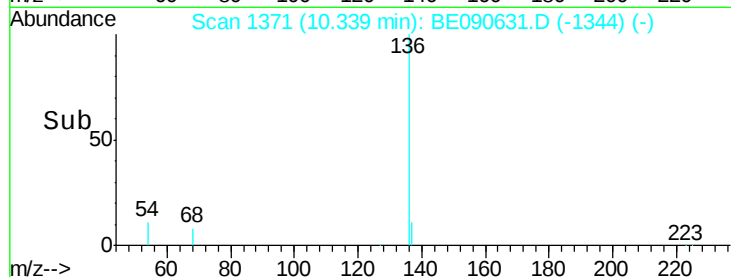
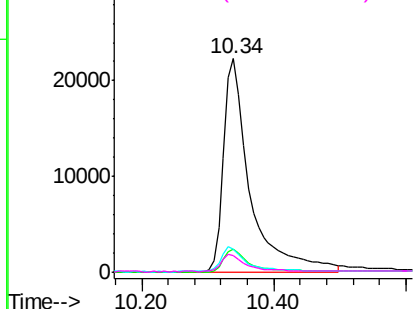
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp: 62028
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 11.0	9.4 14.0
68 8.0	6.5 9.7

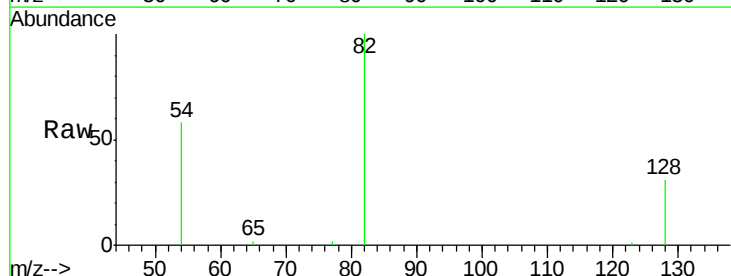


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

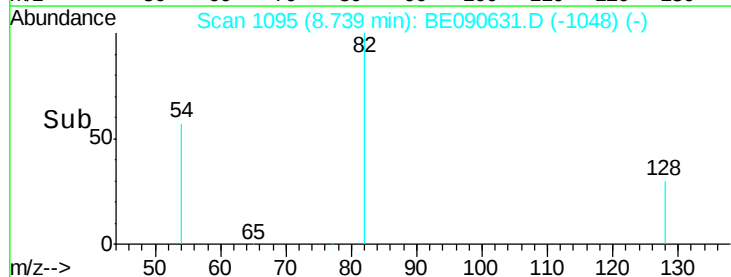
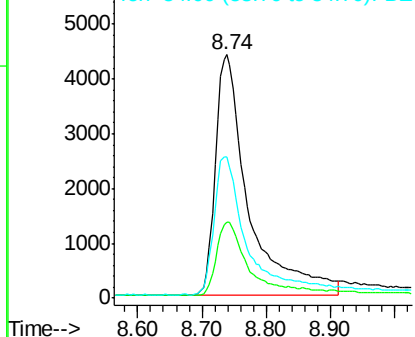


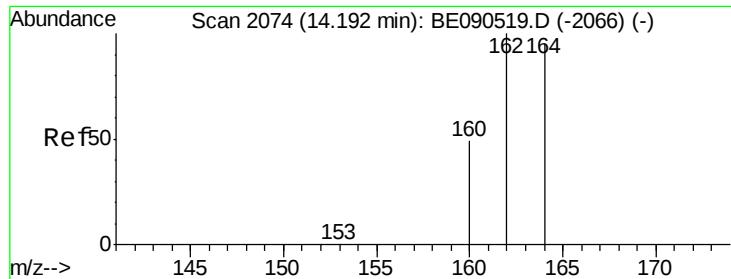
#7
Nitrobenzene-d5
Concen: 3.19 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

Tgt Ion: 82	Resp: 15780
Ion Ratio	Lower Upper
82 100	
128 31.2	25.0 37.6
54 57.9	48.8 73.2



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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

Instrument :

BNA_E

ClientSampled :

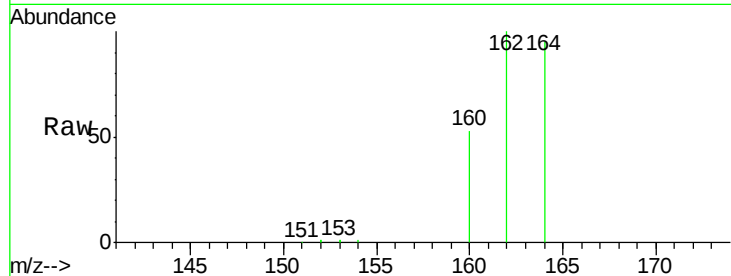
Tot Ion:164 Resp: 37074

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

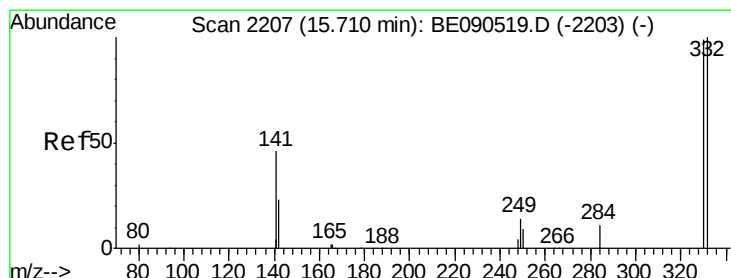
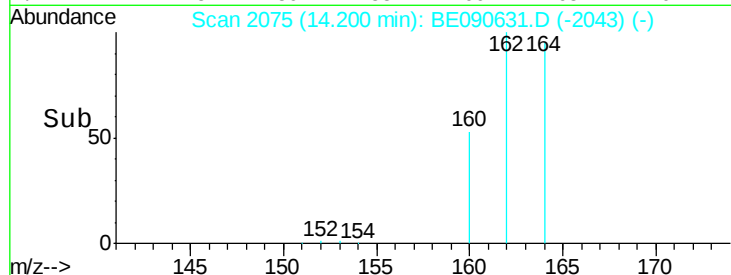
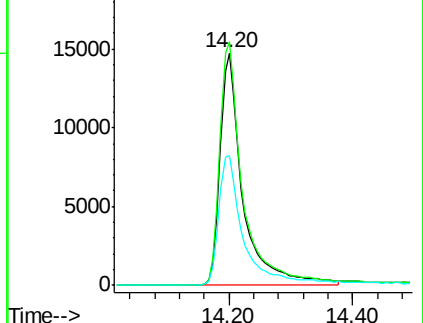
160 55.6 44.2 66.4



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: 8.36 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

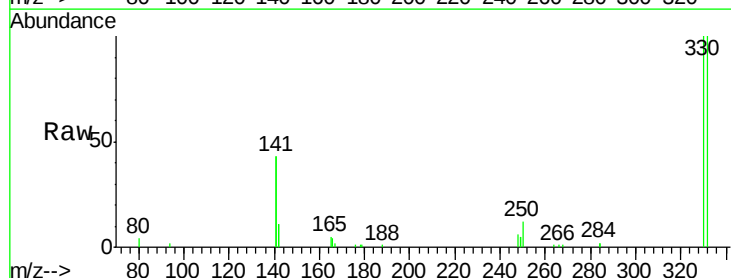
Tgt Ion:330 Resp: 11932

Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.6

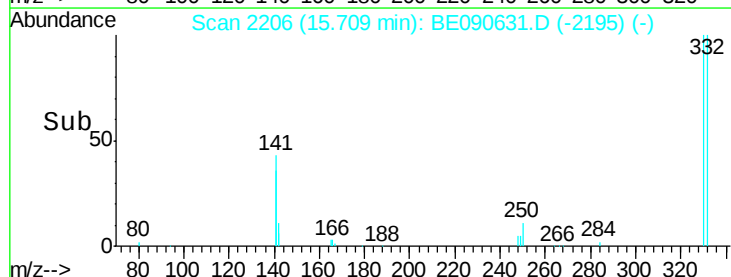
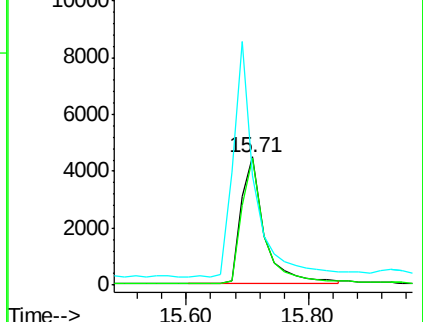
141 173.0 114.4 171.6#

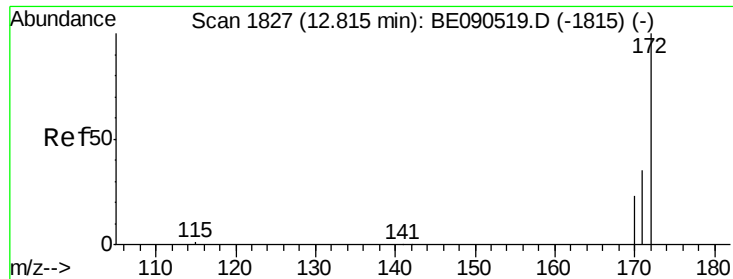


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

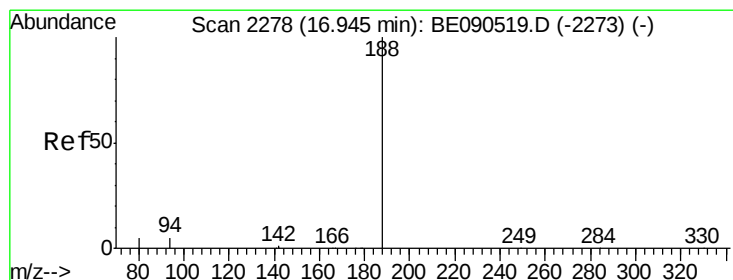
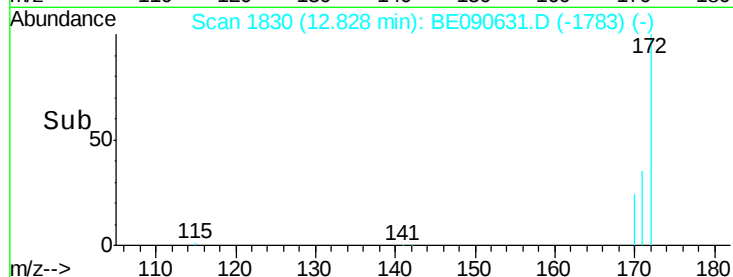
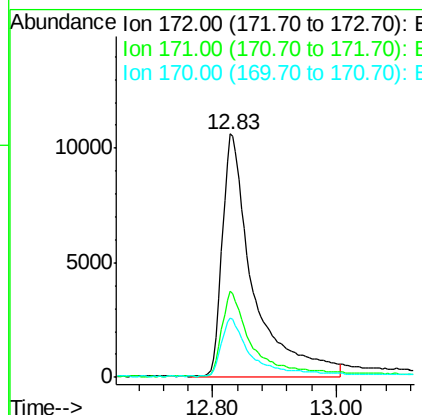
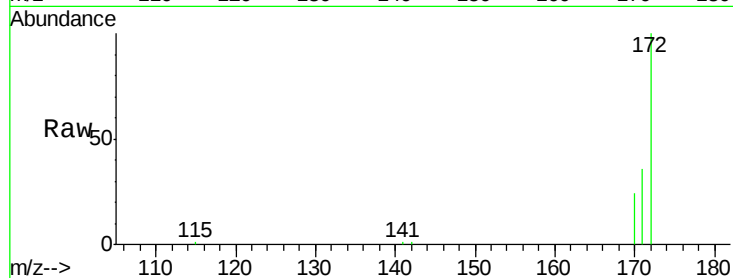




#14
2-Fluorobiphenyl
Concen: 3.31 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

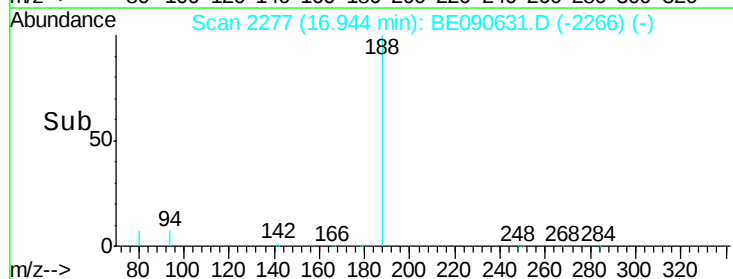
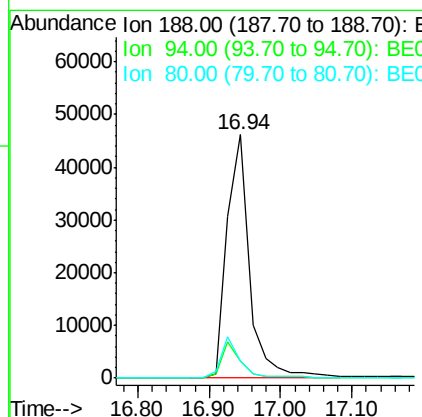
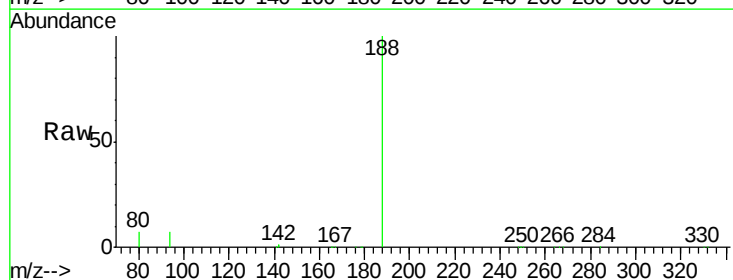
Instrument :
BNA_E
ClientSampled :

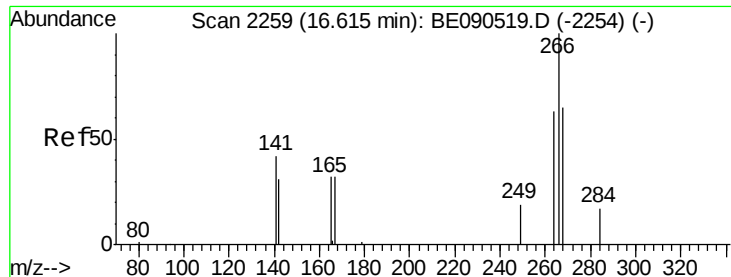
Tot Ion:172 Resp: 36648
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090631.D
Acq: 26 Aug 2015 1:46

Tgt Ion:188 Resp: 100900
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.2 5.8 8.8





#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

Instrument :

BNA_E

ClientSampled :

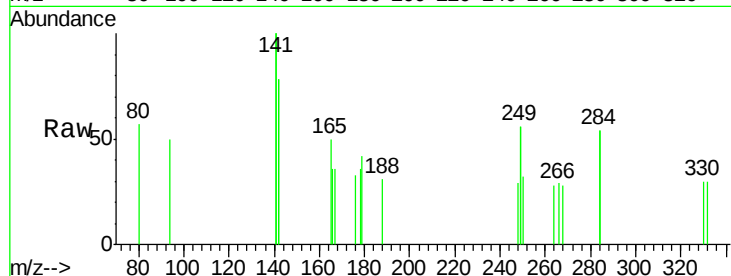
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

268 98.0 58.5 87.7#

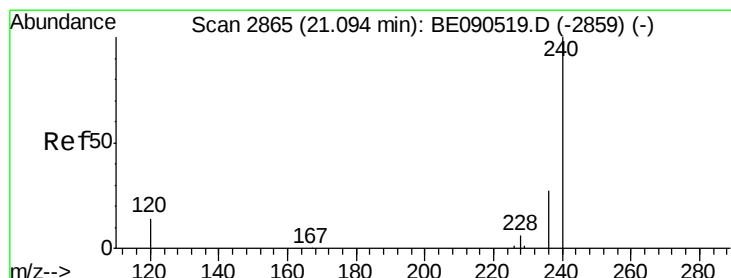
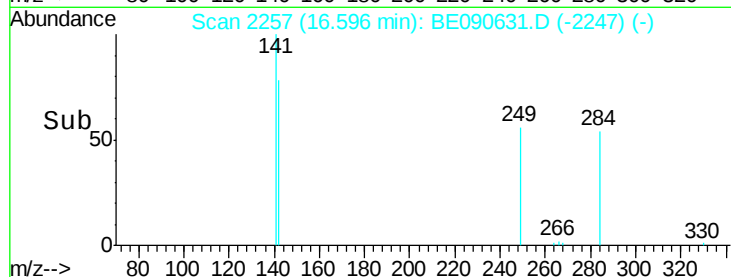
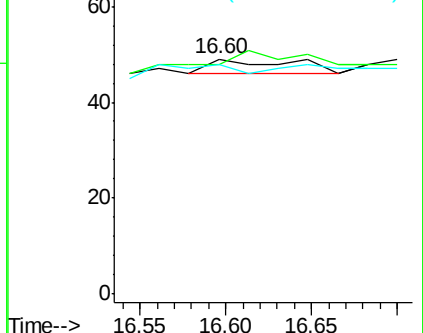
264 98.0 56.0 84.0#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090631.D

Acq: 26 Aug 2015 1:46

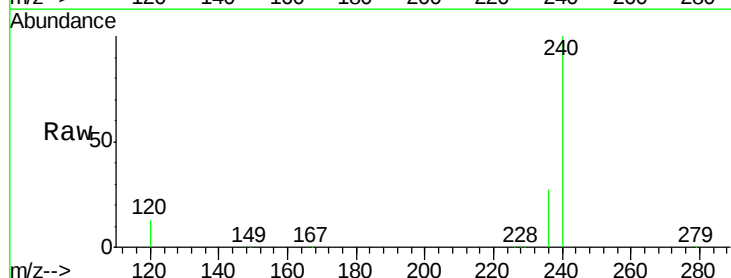
Tgt Ion:240 Resp: 113101

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

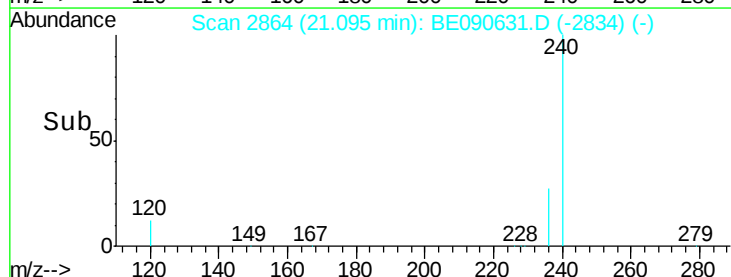
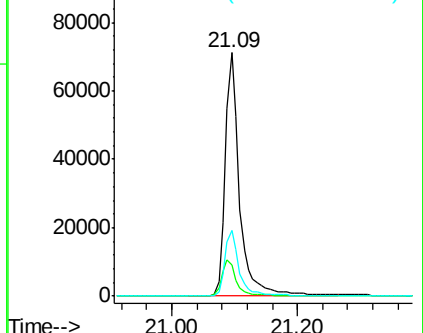
236 27.1 21.0 31.4

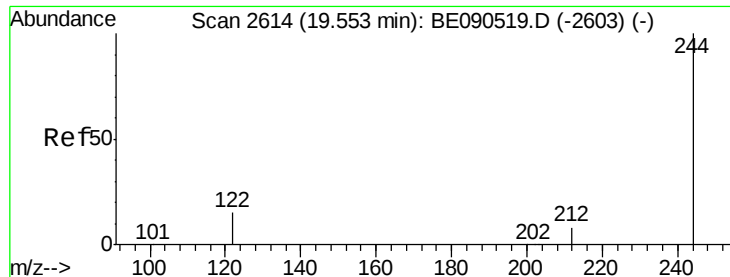


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

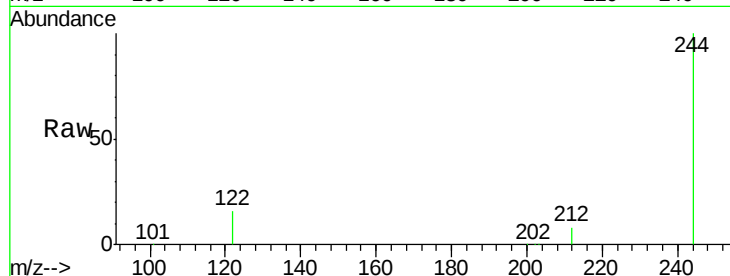




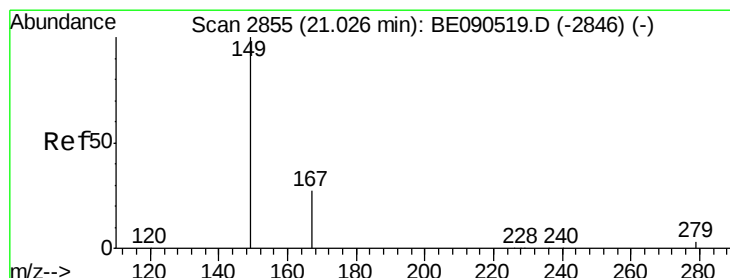
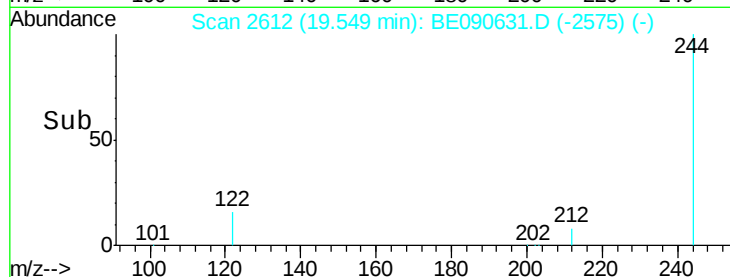
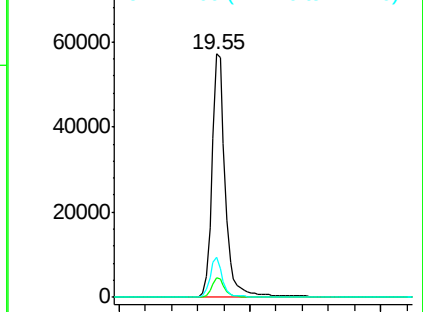
#27
 Terphenyl-d14
 Concen: 3.94 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090631.D
 Acq: 26 Aug 2015 1:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 81485
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 16.5 10.2 15.4#

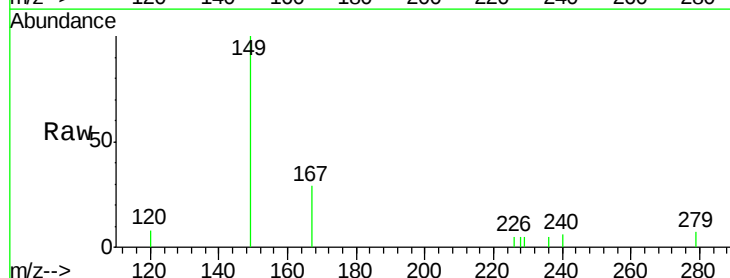


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

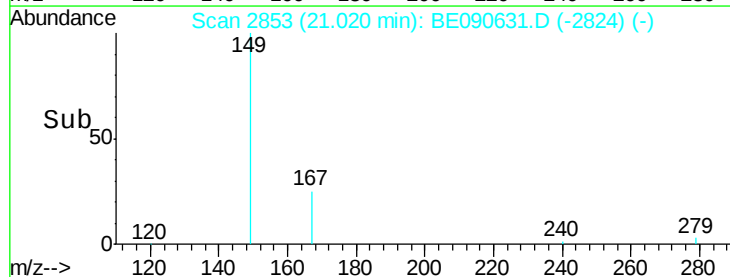
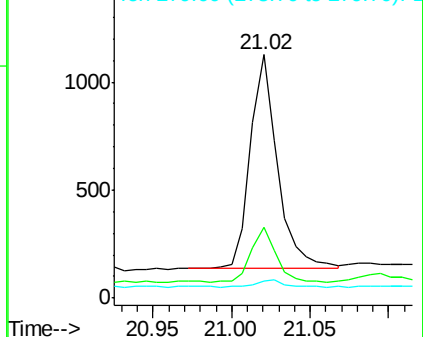


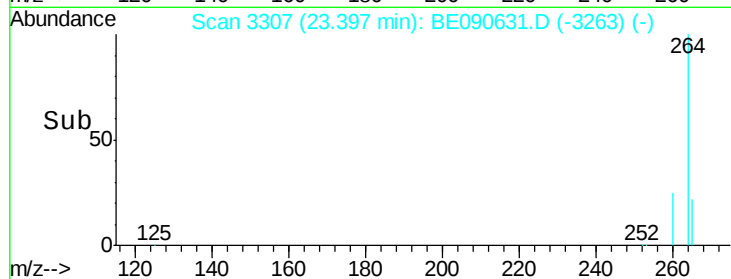
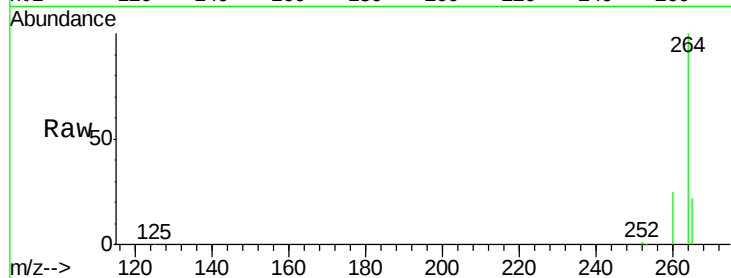
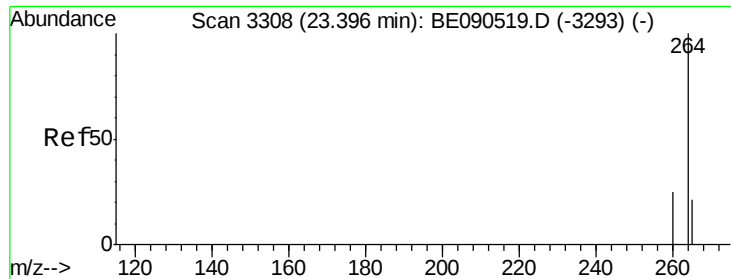
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090631.D
 Acq: 26 Aug 2015 1:46

Tgt Ion:149 Resp: 1190
 Ion Ratio Lower Upper
 149 100
 167 23.4 19.8 29.8
 279 3.4 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: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090631.D
 Acq: 26 Aug 2015 1:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 97166
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 22.0 17.2 25.8

