

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090544.D
 Acq On : 17 Aug 2015 21:55
 Operator : UM/IZ
 Sample : G3323-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:36:39 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

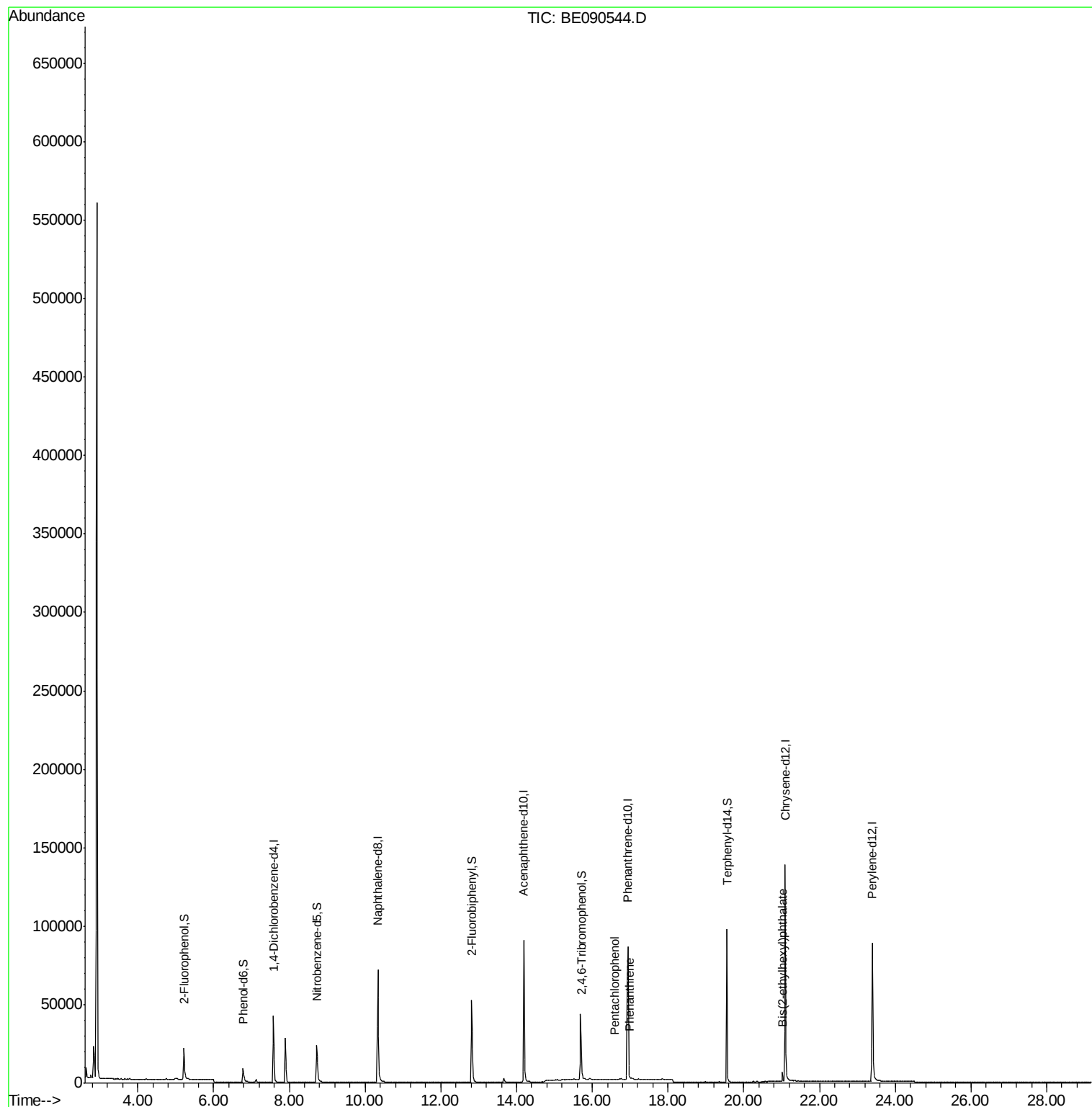
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22090	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	108611	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60214	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131834	5.00	ng	0.00
25) Chrysene-d12	21.09	240	137570	5.00	ng	0.00
32) Perylene-d12	23.40	264	127285	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17890	2.80	ng	0.00
5) Phenol-d6	6.78	99	15367	1.64	ng	0.00
7) Nitrobenzene-d5	8.73	82	29996	3.47	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	20544	8.87	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	62438	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	98113	3.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	24	Below Cal	#	7
21) Pentachlorophenol	16.60	266	25	0.31 ng	#	74
22) Phenanthrene	16.98	178	736	0.02 ng	#	71
30) Bis(2-ethylhexyl)phthalate	21.02	149	5887	0.40 ng		98

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

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QLast Update : Fri Aug 14 16:52:42 2015
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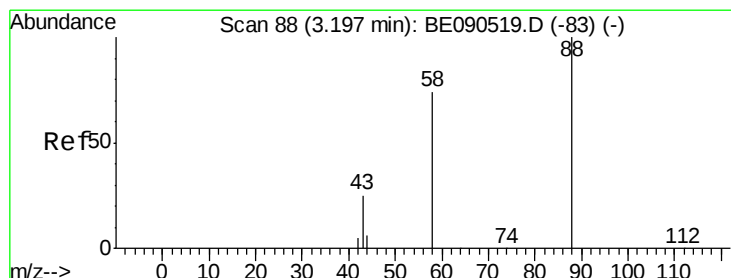
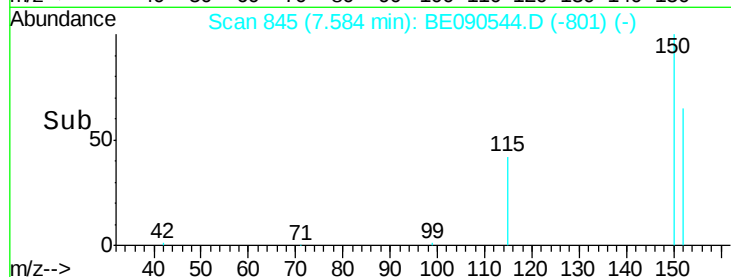
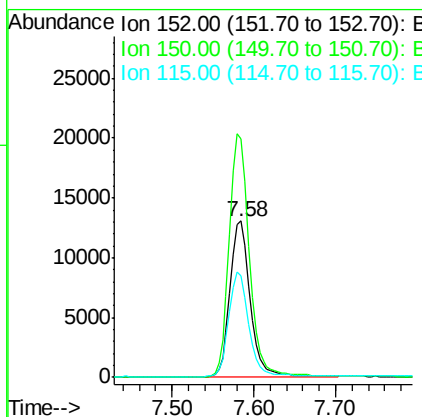
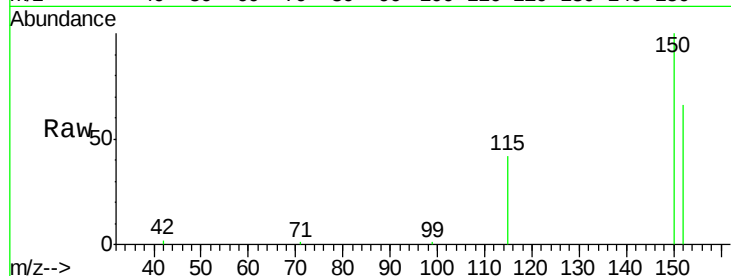


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090544.D
Acq: 17 Aug 2015 21:55

Instrument :
BNA_E
ClientSampled :

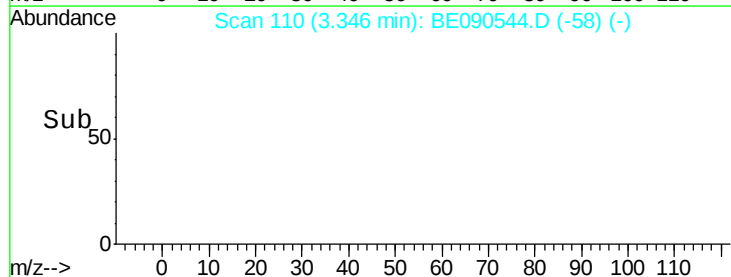
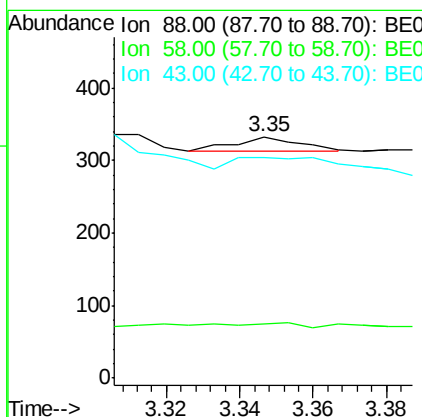
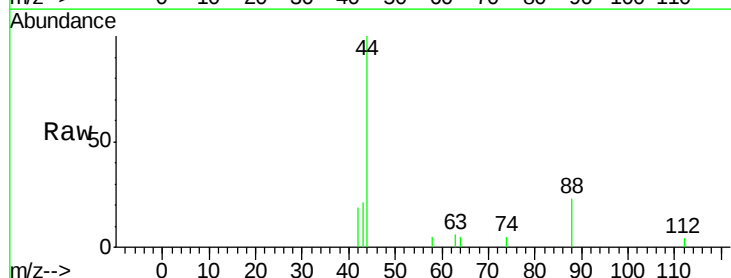
Tot Ion:152 Resp: 22090
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.4
115 64.8 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.35 min Scan# 110
Delta R.T. 0.15 min
Lab File: BE090544.D
Acq: 17 Aug 2015 21:55

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
58 20.8 70.0 105.0#
43 120.8 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.80 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

Instrument :

BNA_E

ClientSampled :

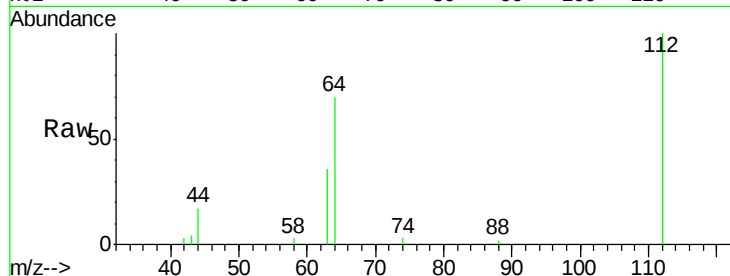
Tot Ion:112 Resp: 17890

Ion Ratio Lower Upper

112 100

64 69.1 37.1 55.7#

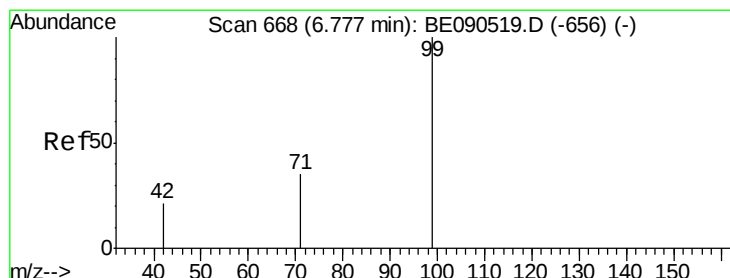
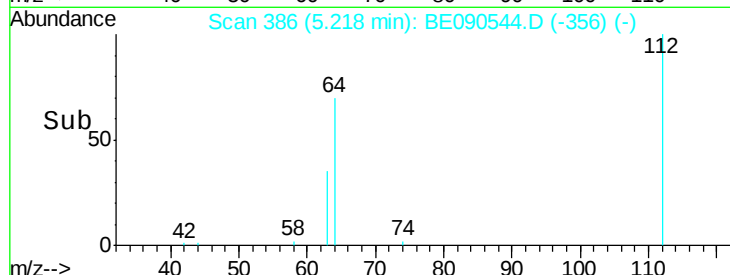
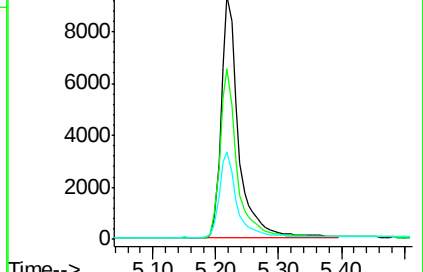
63 35.6 19.5 29.3#



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: 1.64 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

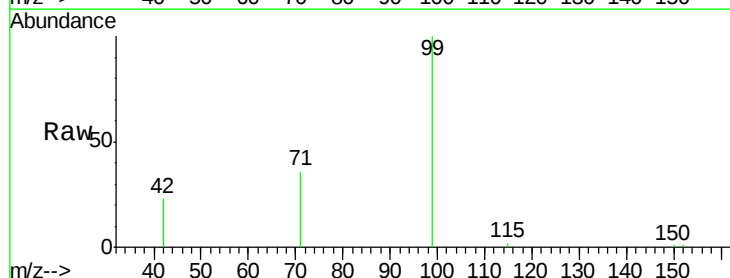
Tgt Ion: 99 Resp: 15367

Ion Ratio Lower Upper

99 100

42 19.2 18.2 27.4

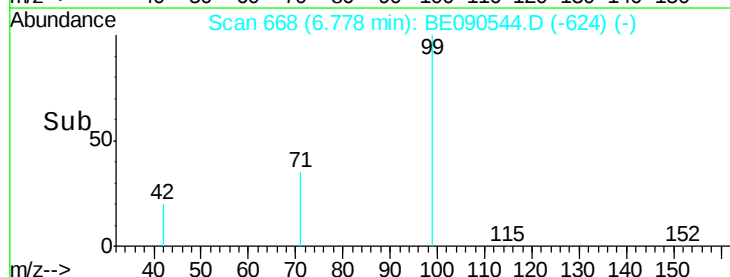
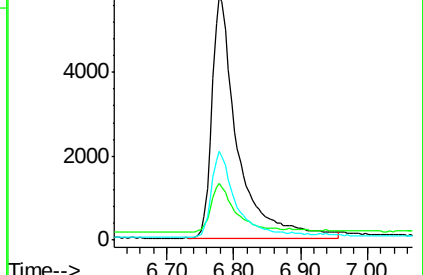
71 34.9 27.4 41.0

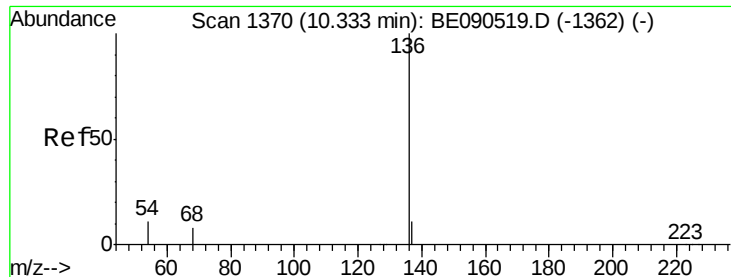


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090544.D

Acq: 17 Aug 2015 21:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 108611

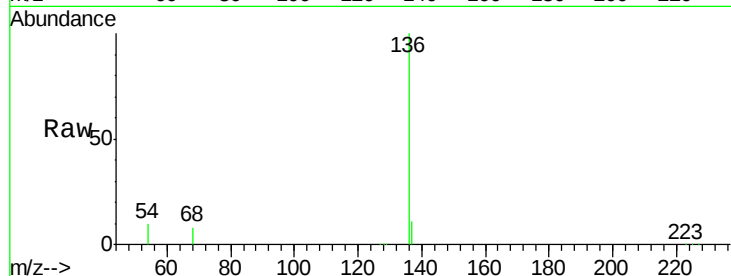
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.4 9.4 14.0

68 7.9 6.5 9.7

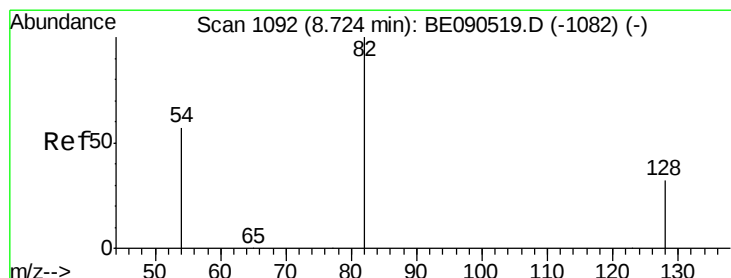
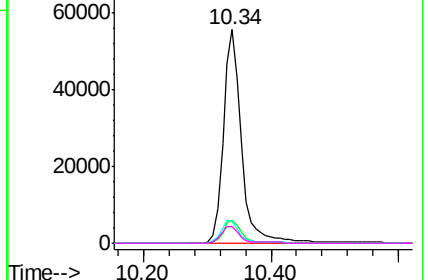
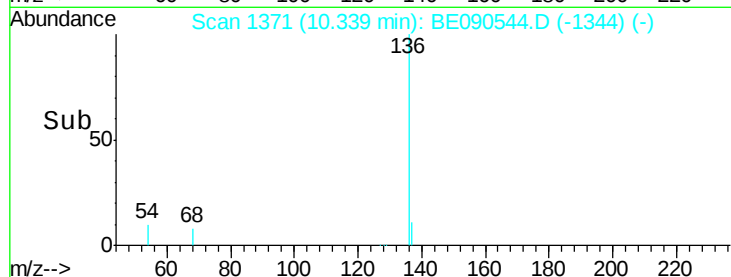


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.47 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

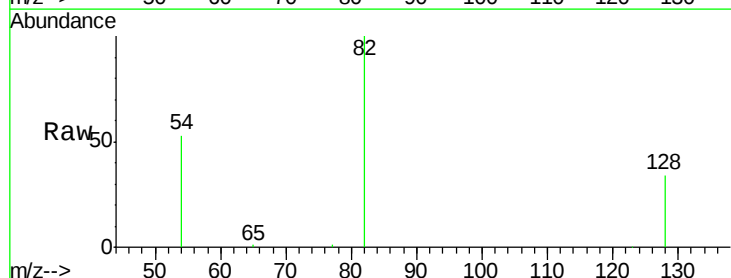
Tgt Ion: 82 Resp: 29996

Ion Ratio Lower Upper

82 100

128 34.5 25.0 37.6

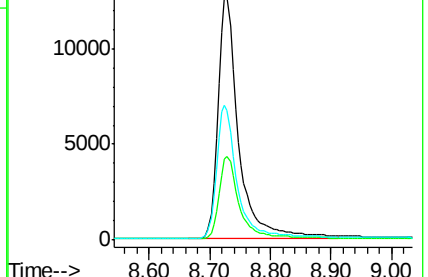
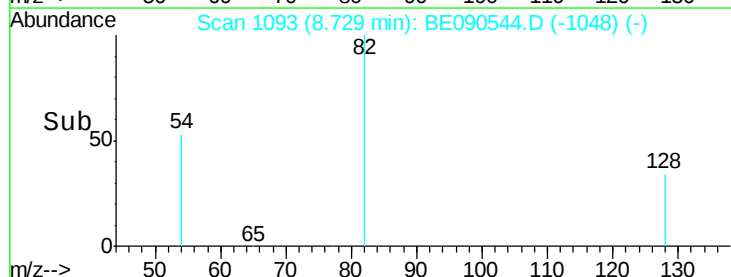
54 53.2 48.8 73.2

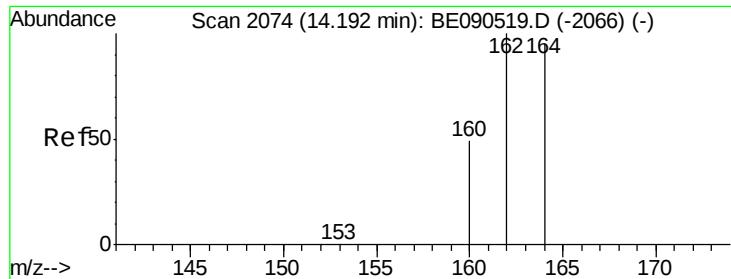


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090544.D

Acq: 17 Aug 2015 21:55

Instrument :

BNA_E

ClientSampleId :

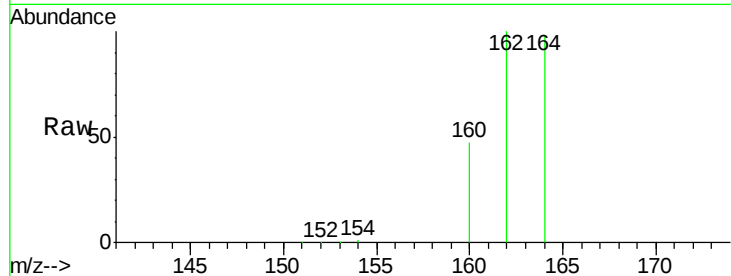
Tot Ion:164 Resp: 60214

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

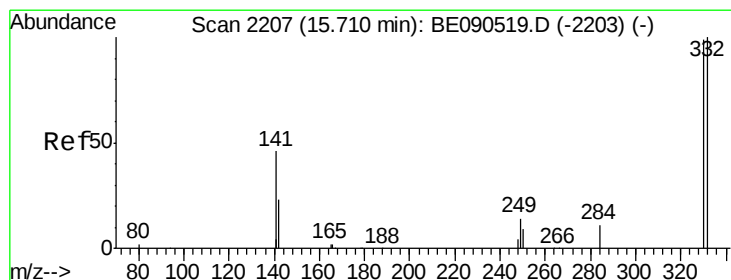
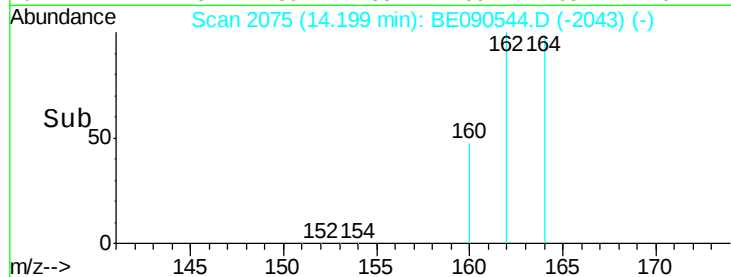
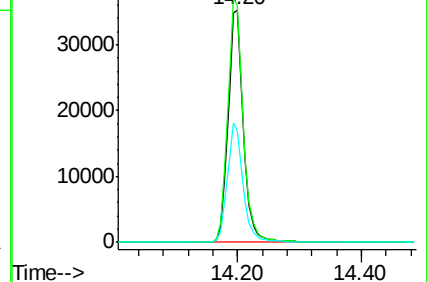
160 48.3 44.2 66.4



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: 8.87 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

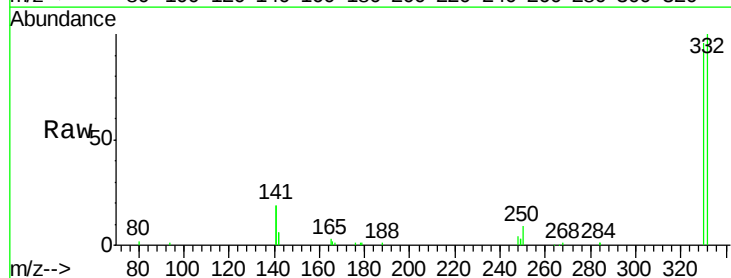
Tgt Ion:330 Resp: 20544

Ion Ratio Lower Upper

330 100

332 97.9 75.8 113.6

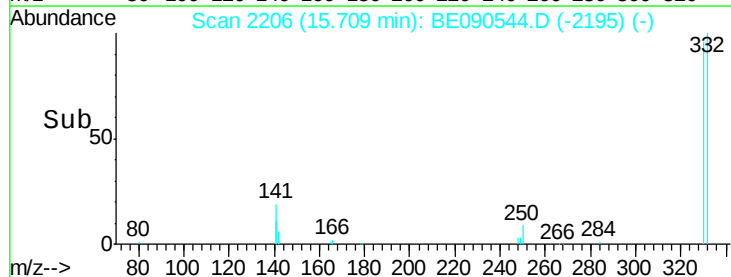
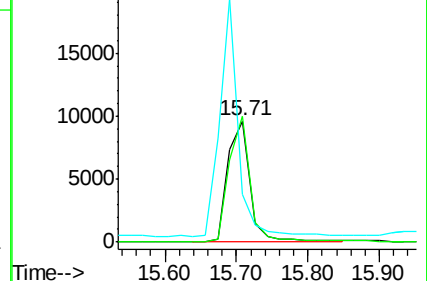
141 166.5 114.4 171.6

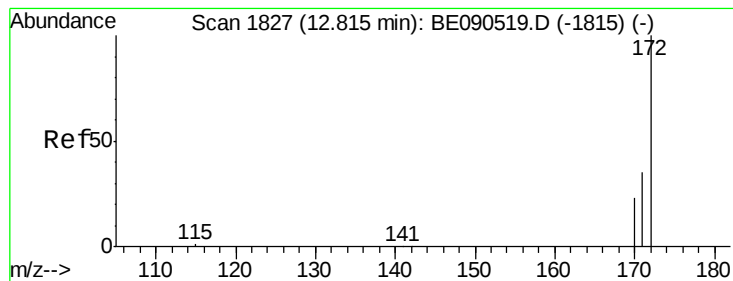


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

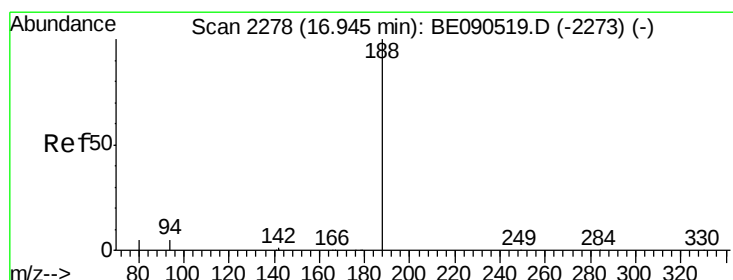
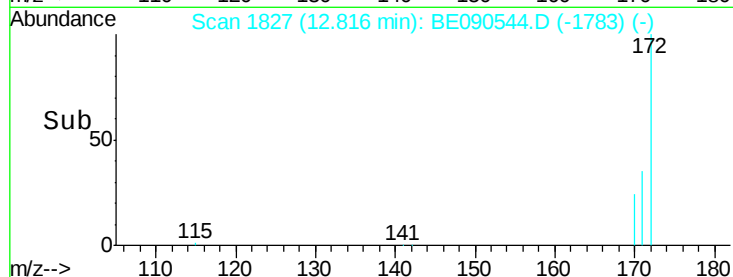
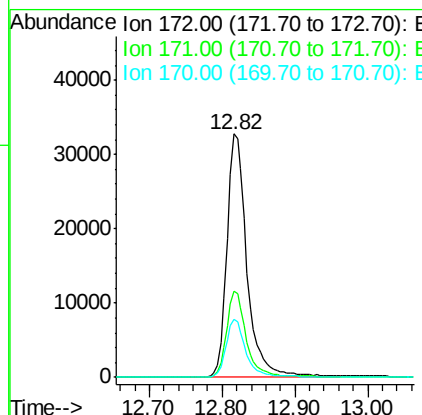
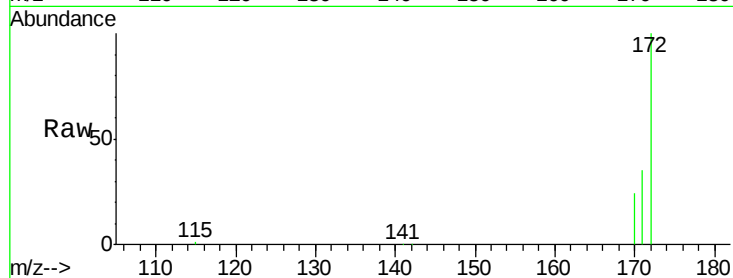




#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090544.D
Acq: 17 Aug 2015 21:55

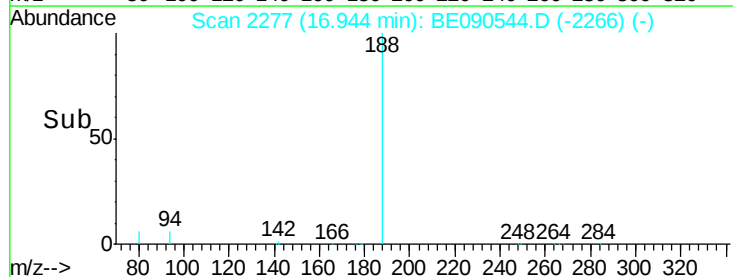
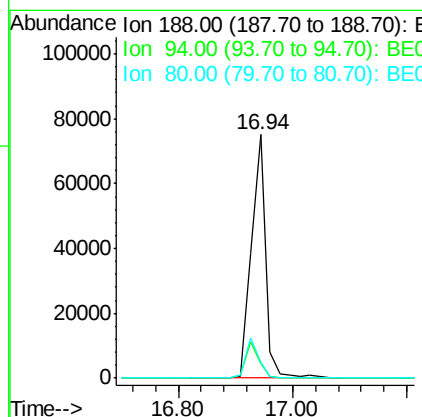
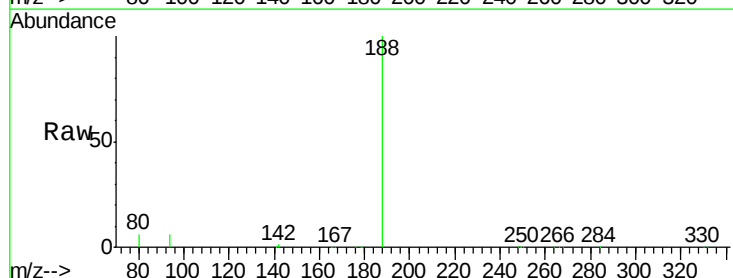
Instrument :
BNA_E
ClientSampleId :

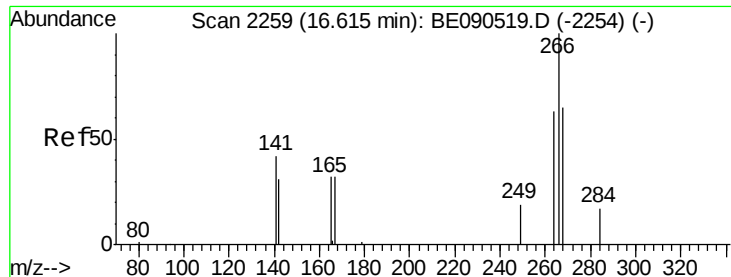
Tot Ion:172 Resp: 62438
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090544.D
Acq: 17 Aug 2015 21:55

Tgt Ion:188 Resp: 131834
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 6.3 5.8 8.8

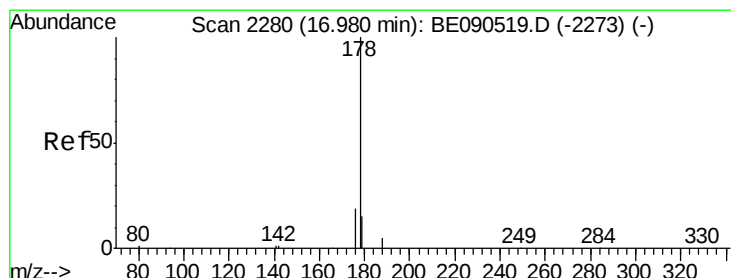
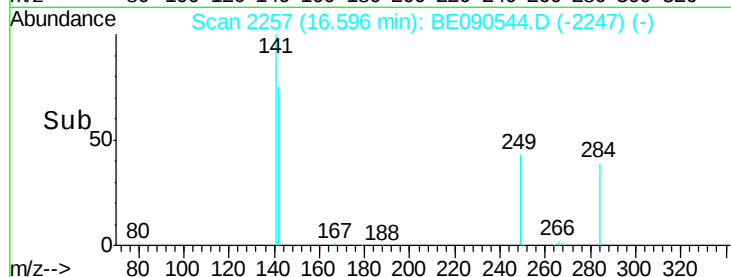
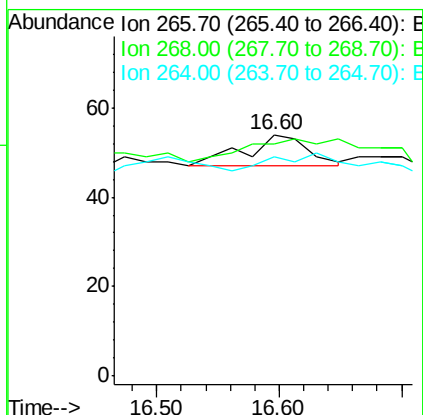
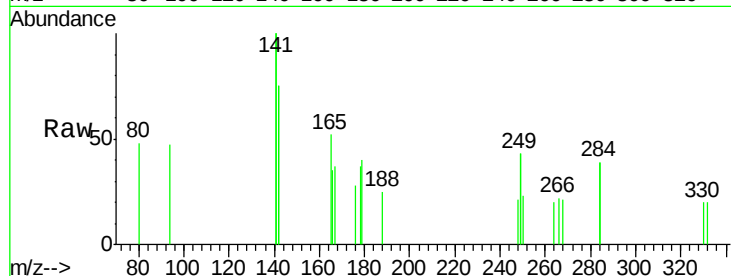




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090544.D
 Acq: 17 Aug 2015 21:55

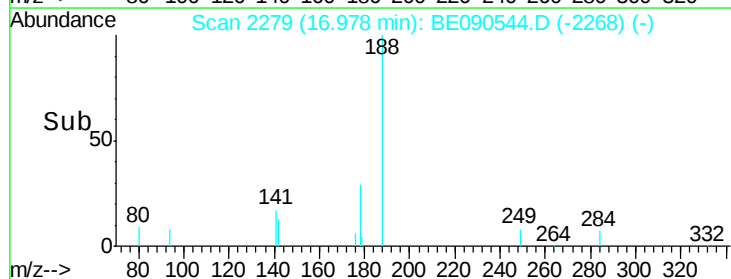
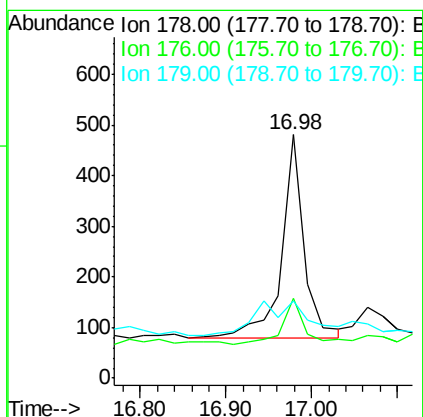
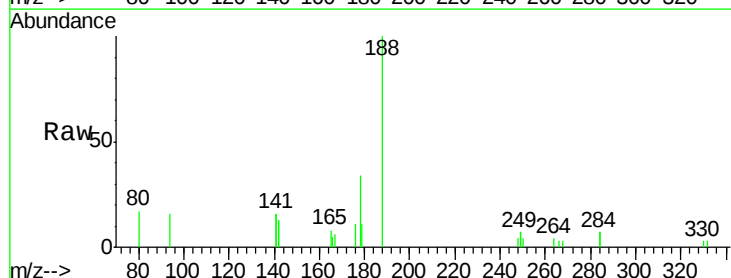
Instrument :
 BNA_E
 ClientSampleId :

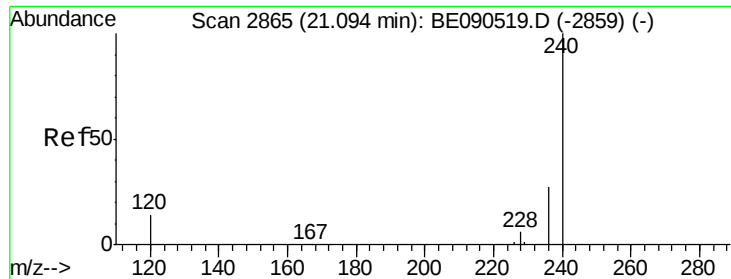
Tot Ion	Ratio	Lower	Upper
266	100		
268	96.3	58.5	87.7#
264	90.7	56.0	84.0#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090544.D
 Acq: 17 Aug 2015 21:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	15.4	23.2
179	38.9	12.5	18.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

Instrument :

BNA_E

ClientSampleId :

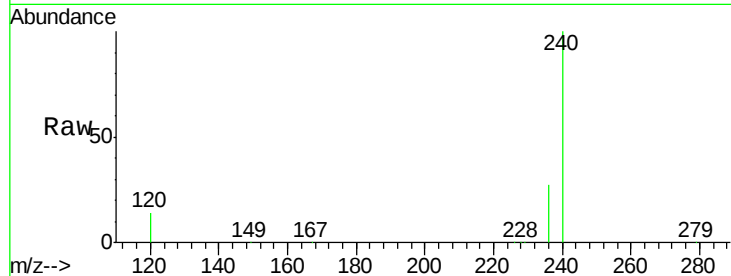
Tot Ion:240 Resp: 137570

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

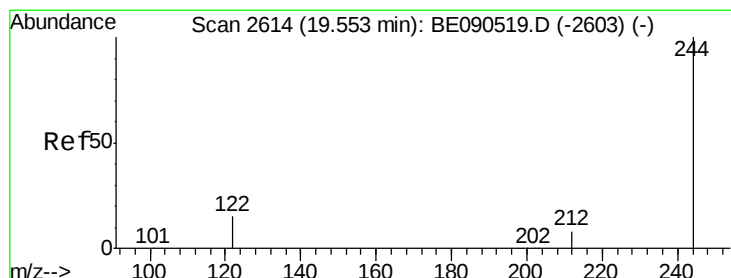
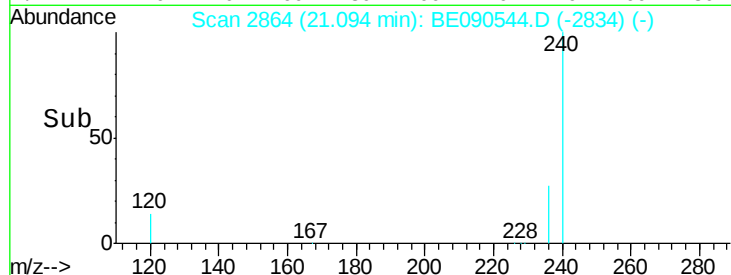
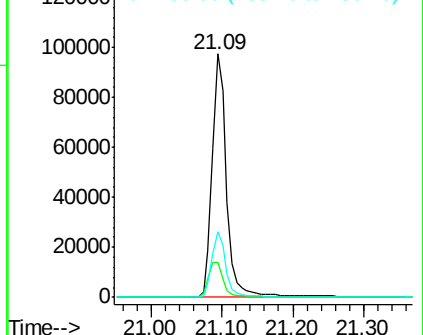
236 27.0 21.0 31.4



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: 3.90 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090544.D

Acq: 17 Aug 2015 21:55

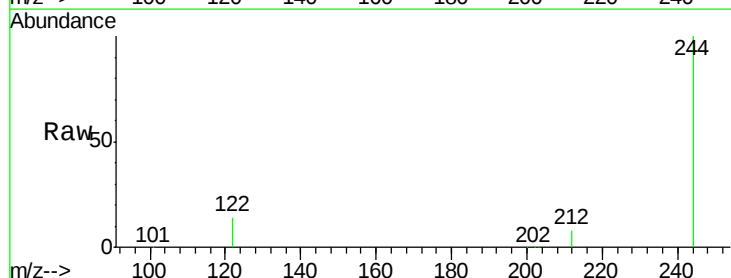
Tgt Ion:244 Resp: 98113

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

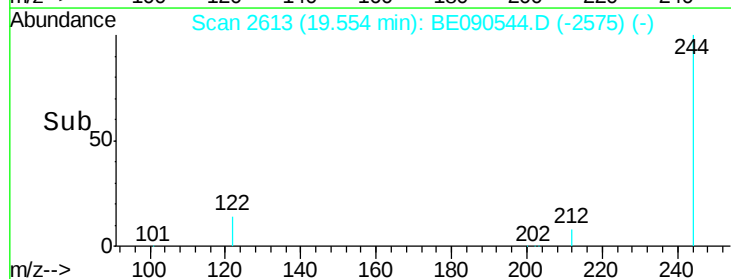
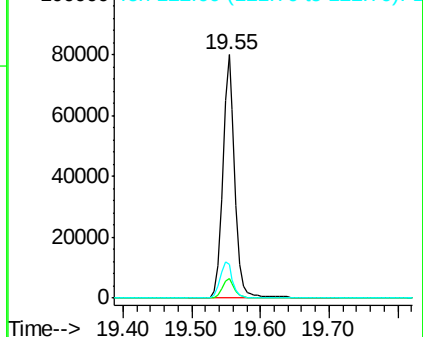
122 13.7 10.2 15.4

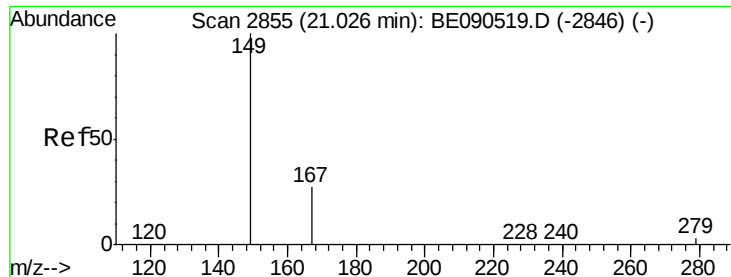


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

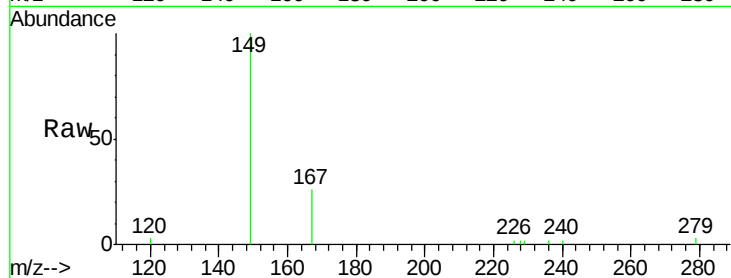




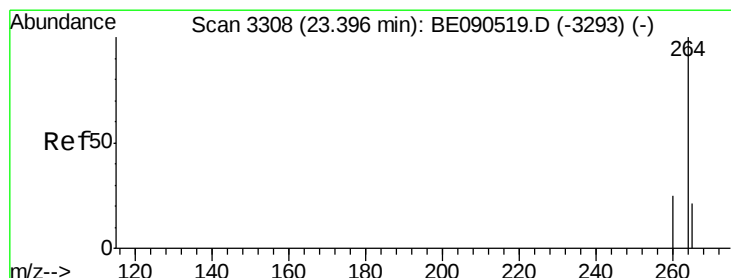
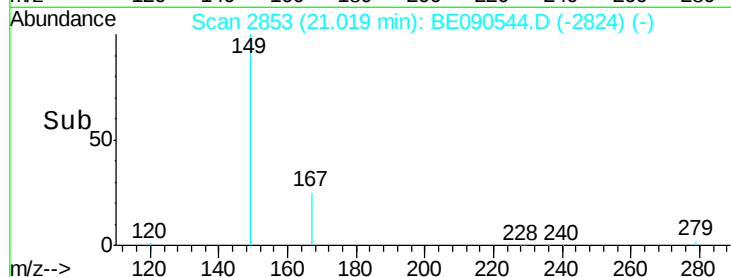
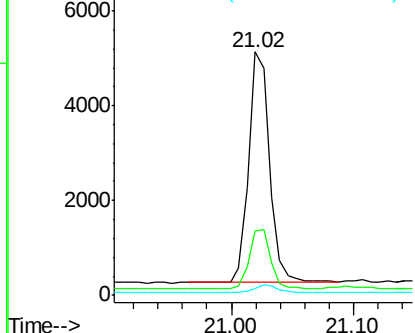
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090544.D
 Acq: 17 Aug 2015 21:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 5887
 Ion Ratio Lower Upper
 149 100
 167 25.8 19.8 29.8
 279 3.2 2.4 3.6

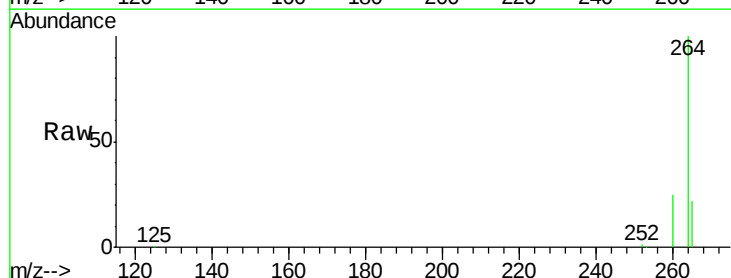


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090544.D
 Acq: 17 Aug 2015 21:55

Tgt Ion:264 Resp: 127285
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.1 17.2 25.8



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

