

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090581.D
 Acq On : 20 Aug 2015 19:24
 Operator : UM/IZ
 Sample : G3369-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082015-D534-E-U-B

Quant Time: Aug 21 01:32:33 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

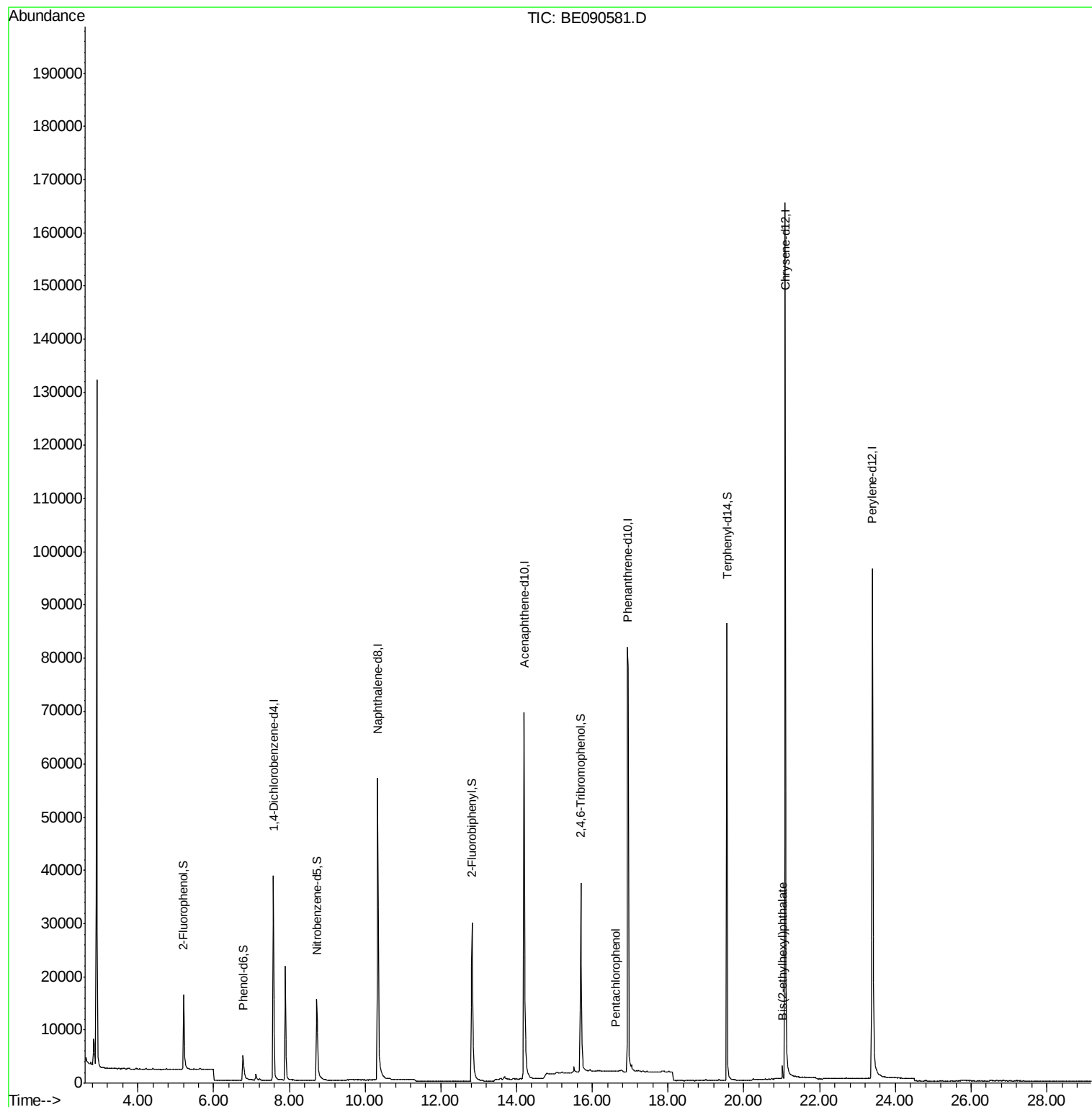
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20466	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	94017	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	57640	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	145690	5.00	ng	0.00
25) Chrysene-d12	21.09	240	166679	5.00	ng	0.00
32) Perylene-d12	23.40	264	151233	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	12441	2.10	ng	0.00
5) Phenol-d6	6.78	99	9604	1.10	ng	0.00
7) Nitrobenzene-d5	8.72	82	21345	2.85	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	18467	8.33	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	47400	2.75	ng	0.00
27) Terphenyl-d14	19.55	244	92595	3.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	58	Below Cal	#	47
21) Pentachlorophenol	16.61	266	32	0.31 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.02	149	2344	0.23 ng		98

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

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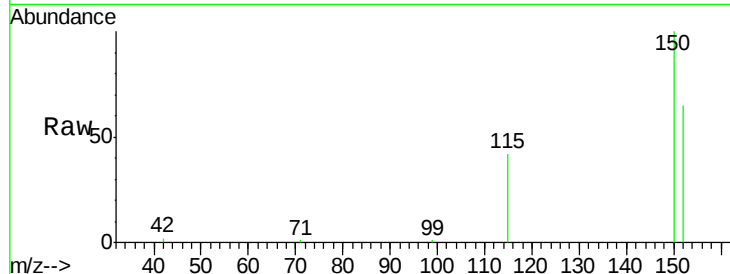


#1

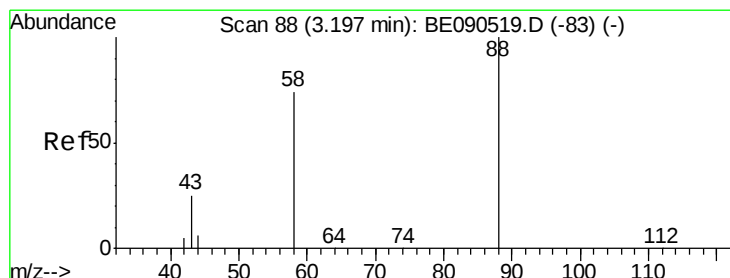
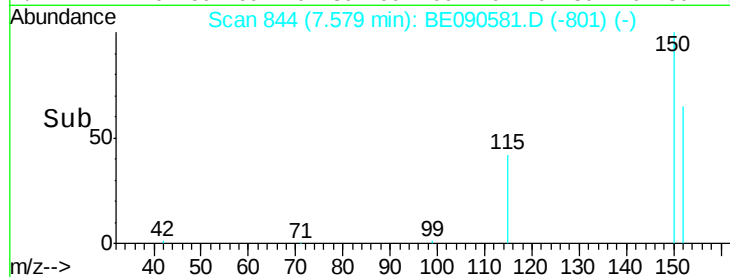
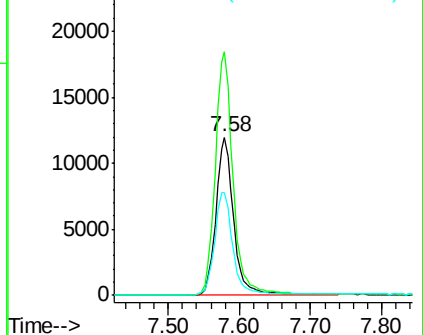
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090581.D
Acq: 20 Aug 2015 19:24

Instrument :
BNA_E
ClientSampleId :
082015-D534-E-U-B

Tgt Ion: 152 Resp: 20466
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.4
115 65.4 48.9 73.3



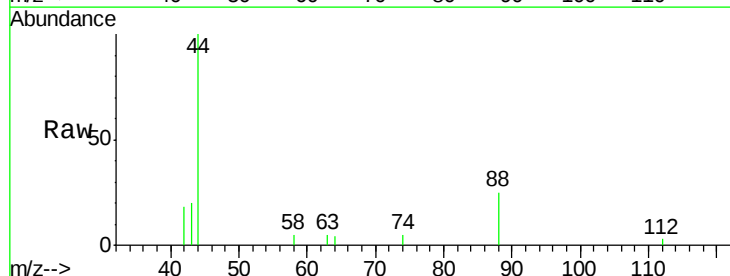
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



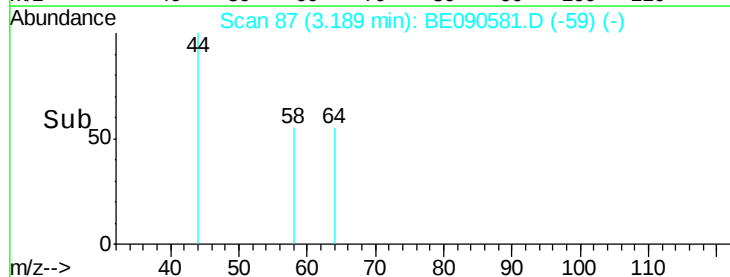
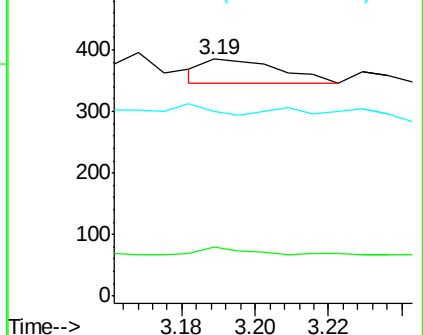
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090581.D
Acq: 20 Aug 2015 19:24

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 41.4 70.0 105.0#
43 0.0 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: 2.10 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

BNA_E

ClientSampleId :

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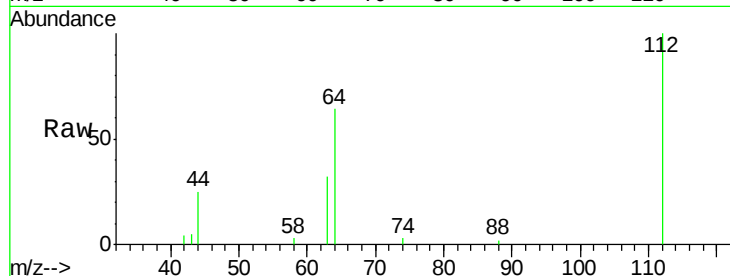
Tgt Ion: 112 Resp: 12441

Ion Ratio Lower Upper

112 100

64 69.2 37.1 55.7#

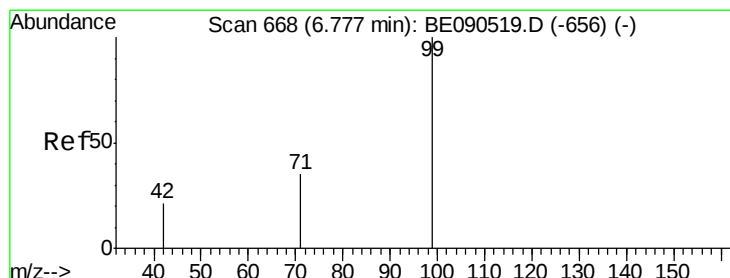
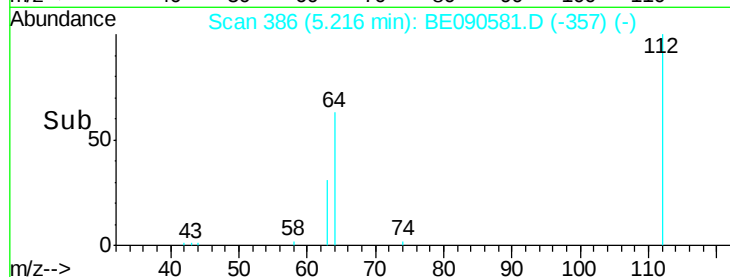
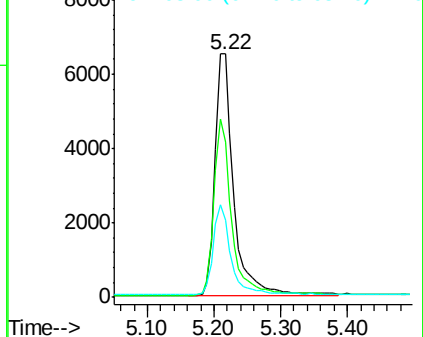
63 35.3 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.10 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

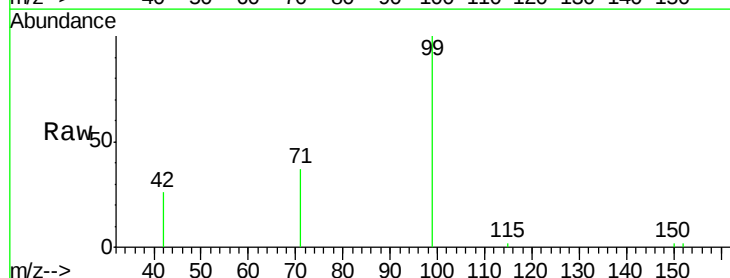
Tgt Ion: 99 Resp: 9604

Ion Ratio Lower Upper

99 100

42 19.1 18.2 27.4

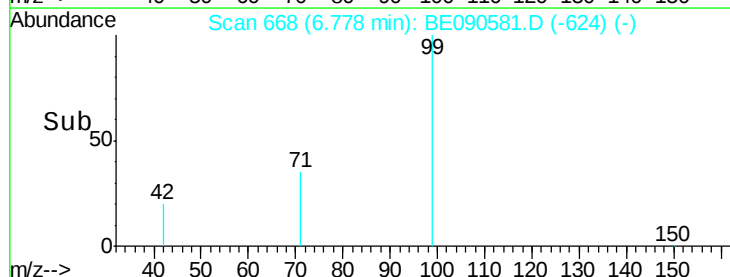
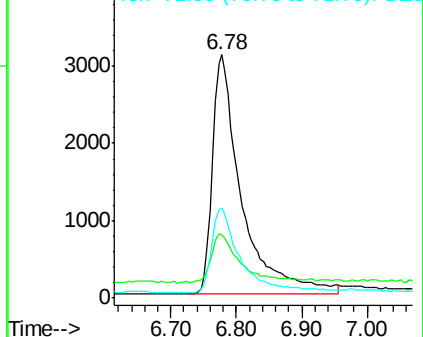
71 35.6 27.4 41.0

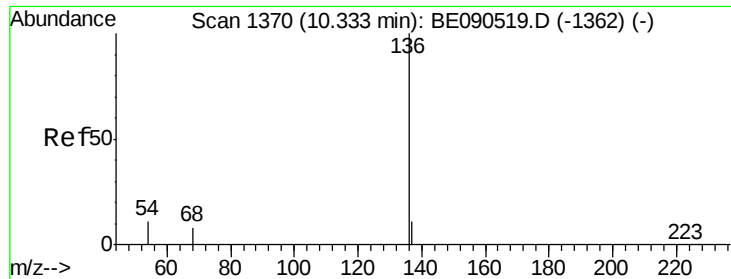


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

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Tgt Ion: 136 Resp: 94017

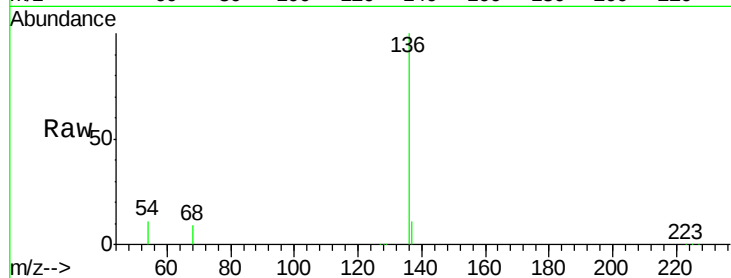
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 9.4 14.0

68 8.6 6.5 9.7

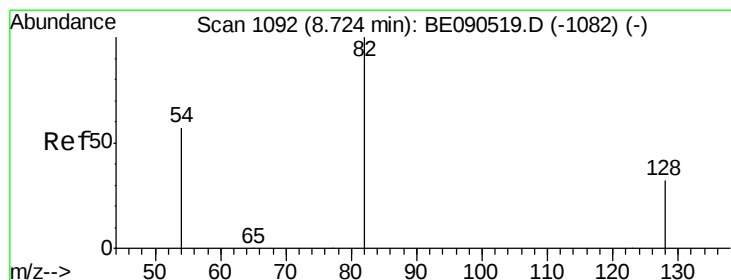
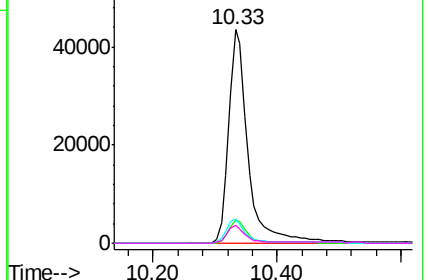
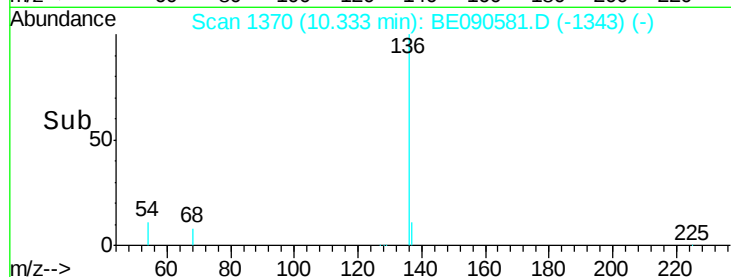


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.85 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

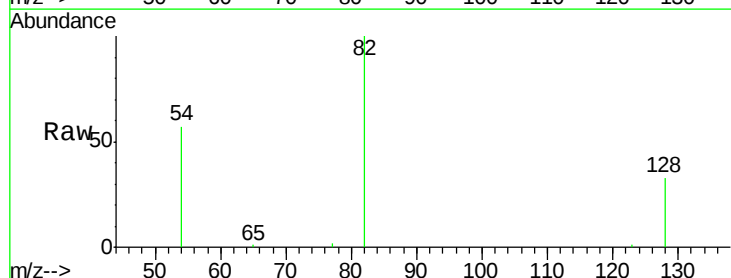
Tgt Ion: 82 Resp: 21345

Ion Ratio Lower Upper

82 100

128 33.0 25.0 37.6

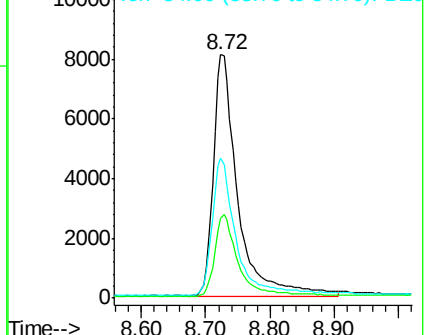
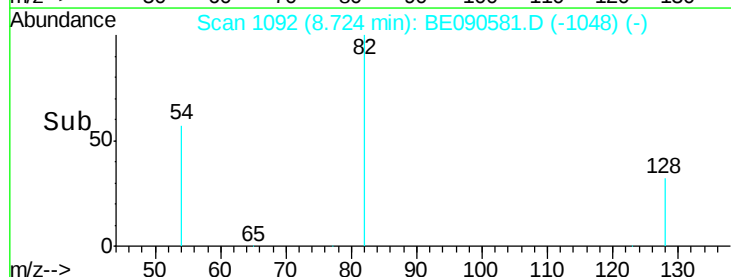
54 57.5 48.8 73.2

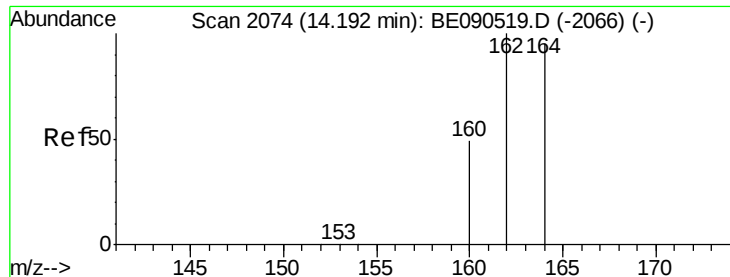


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090581.D

Acq: 20 Aug 2015 19:24

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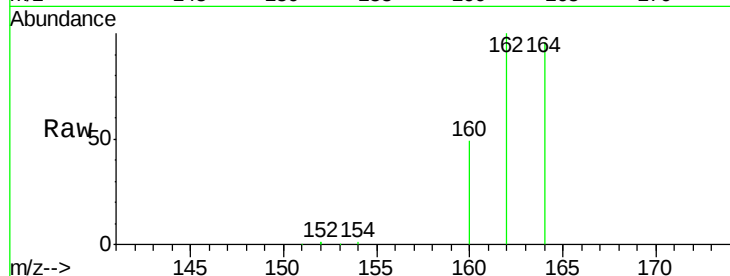
Tgt Ion:164 Resp: 57640

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

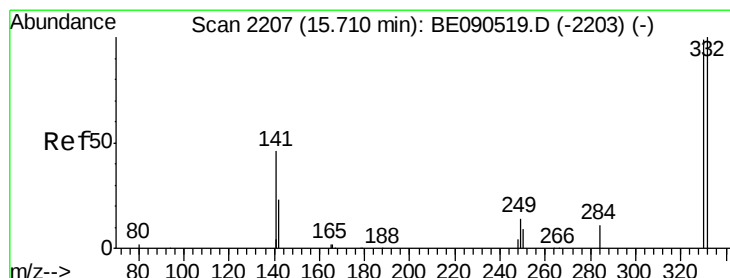
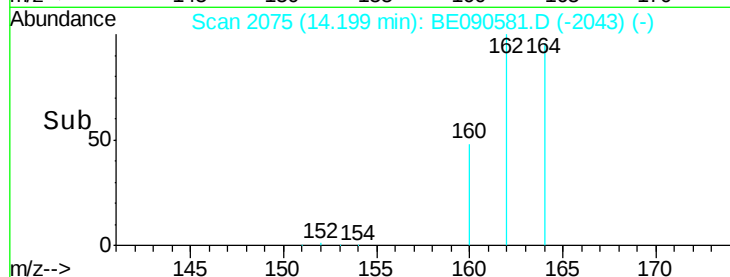
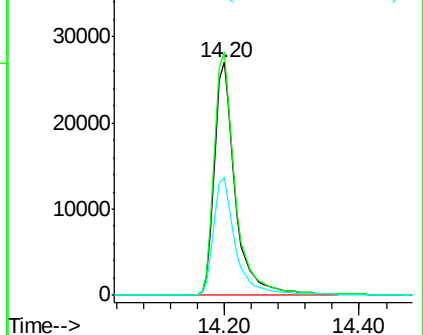
160 50.7 44.2 66.4



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: 8.33 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

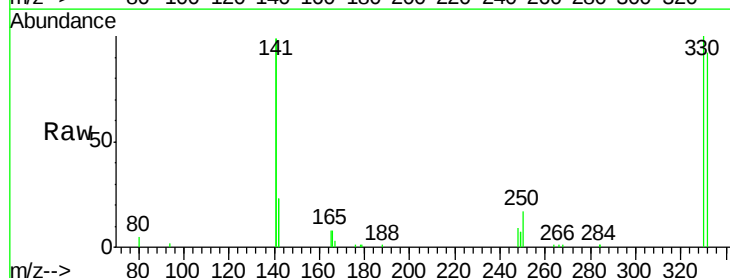
Tgt Ion:330 Resp: 18467

Ion Ratio Lower Upper

330 100

332 97.7 75.8 113.6

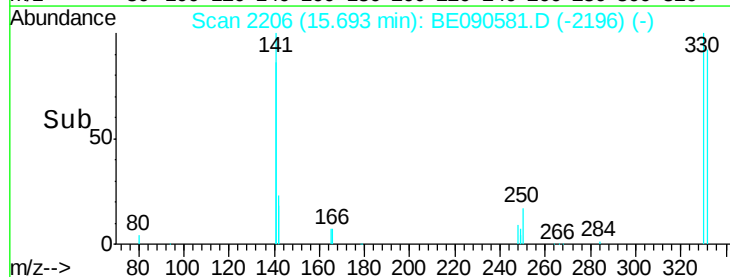
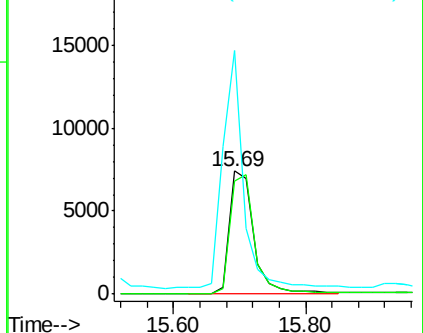
141 166.4 114.4 171.6

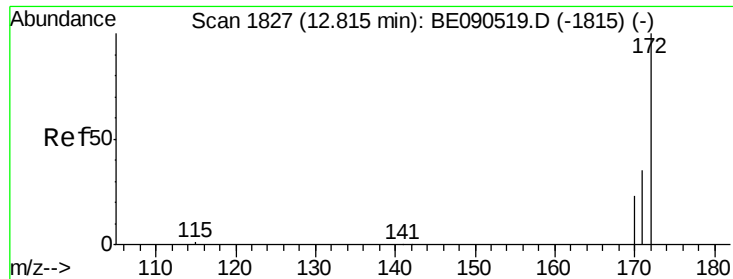


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

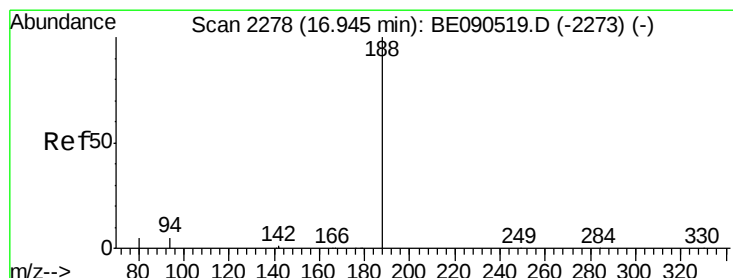
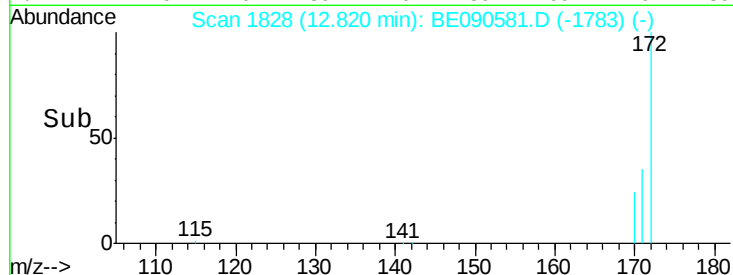
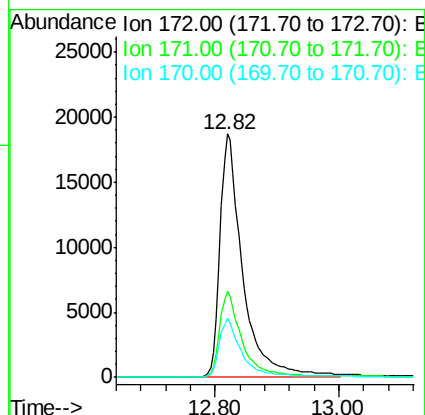
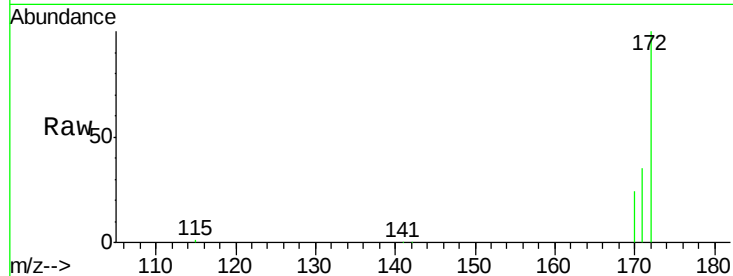




#14
2-Fluorobiphenyl
Concen: 2.75 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090581.D
Acq: 20 Aug 2015 19:24

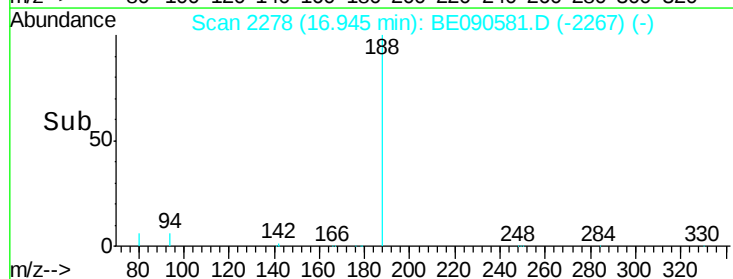
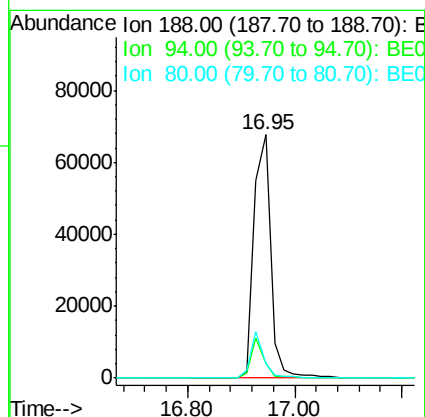
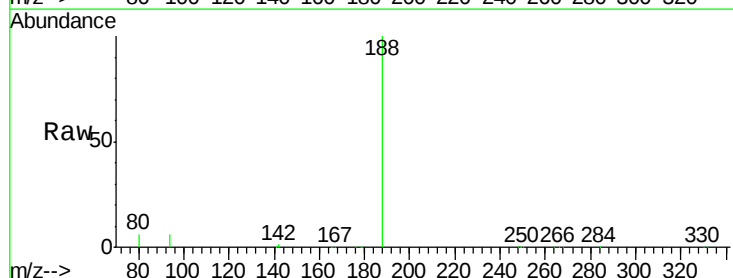
Instrument :
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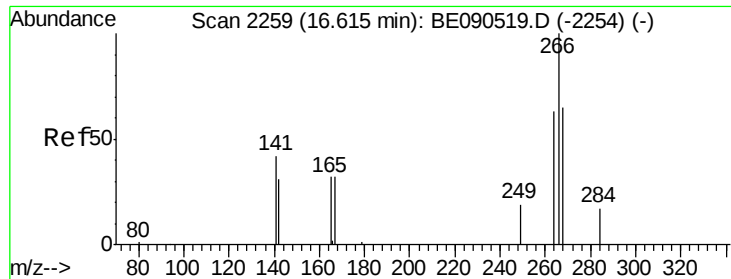
Tgt Ion:172 Resp: 47400
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090581.D
Acq: 20 Aug 2015 19:24

Tgt Ion:188 Resp: 145690
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 6.2 5.8 8.8

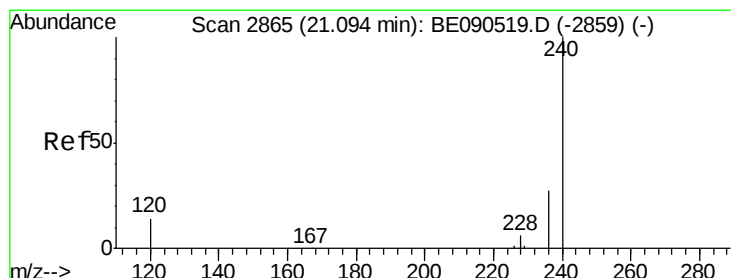
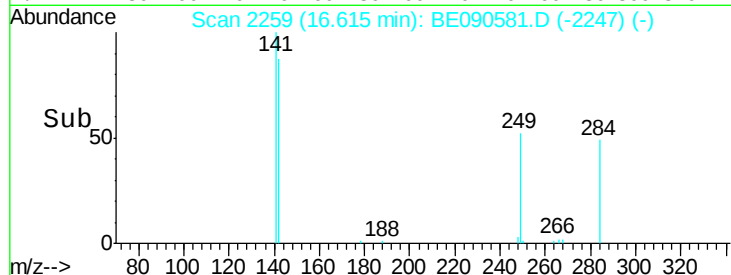
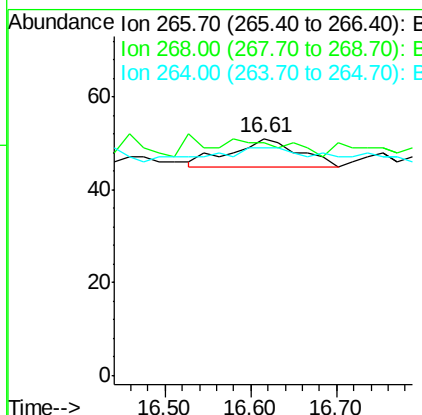
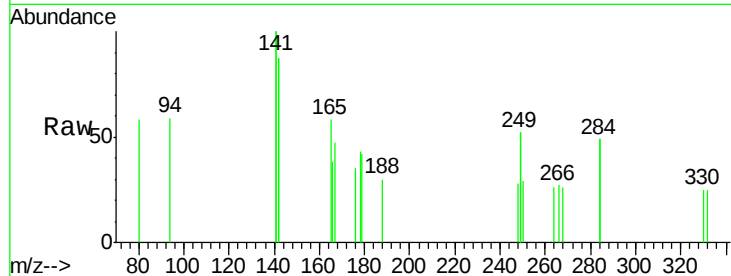




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090581.D
 Acq: 20 Aug 2015 19:24

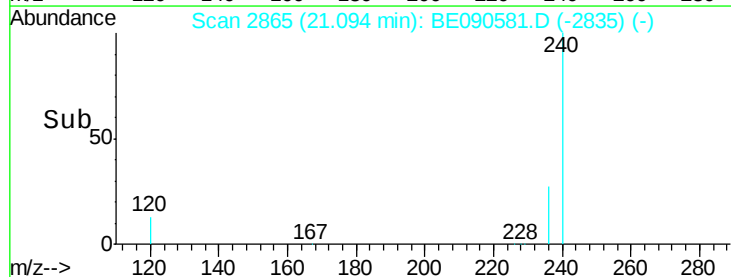
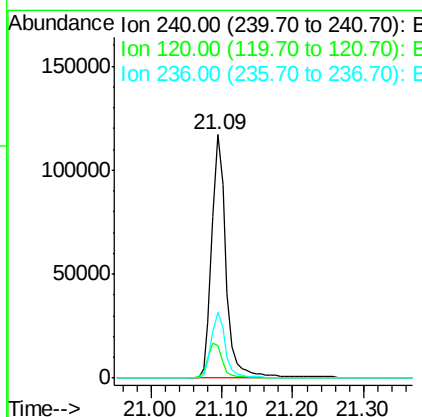
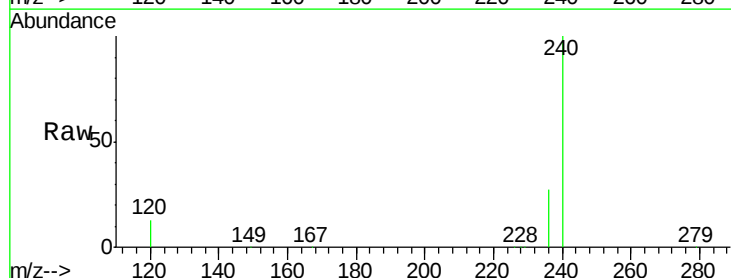
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 082015-D534-E-U-B

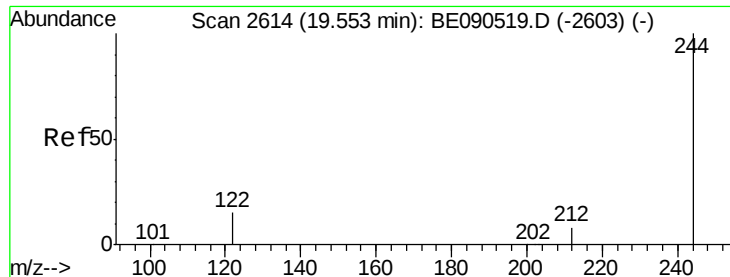
Tgt Ion: 266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 268 98.0 58.5 87.7#
 264 96.1 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BE090581.D
 Acq: 20 Aug 2015 19:24

Tgt Ion: 240 Resp: 166679
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.3 12.5#
 236 27.1 21.0 31.4

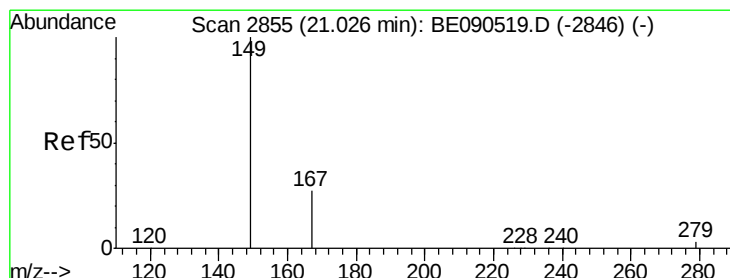
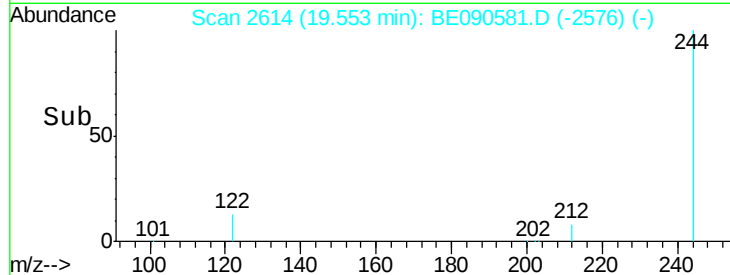
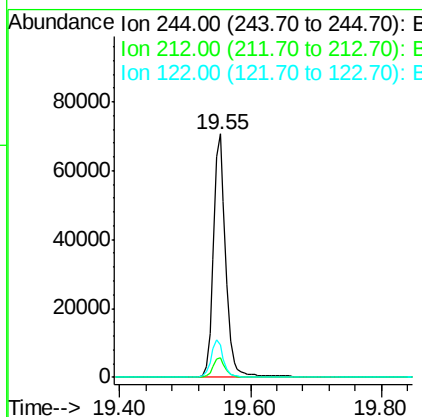
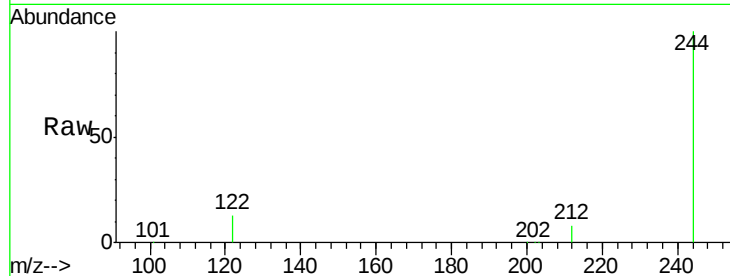




#27
 Terphenyl-d14
 Concen: 3.04 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090581.D
 Acq: 20 Aug 2015 19:24

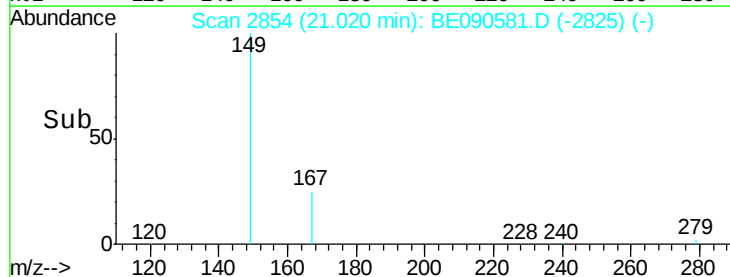
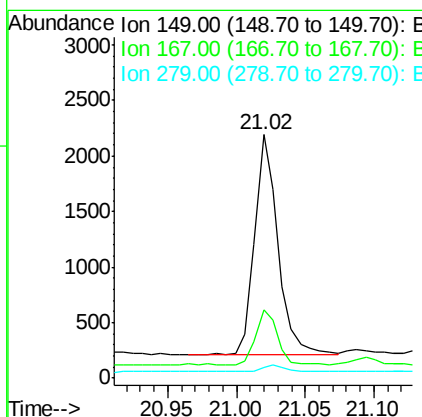
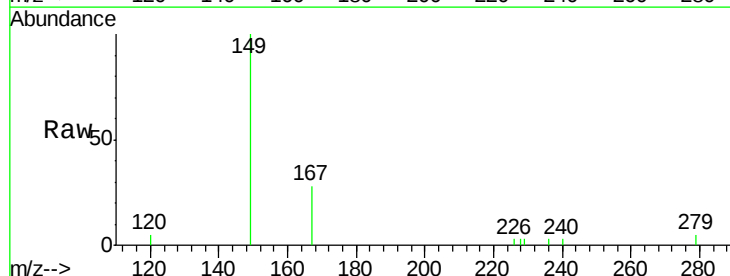
Instrument :
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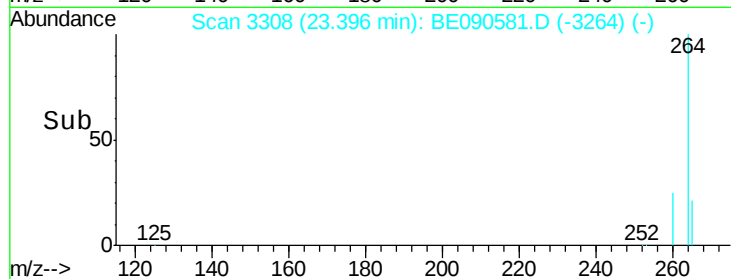
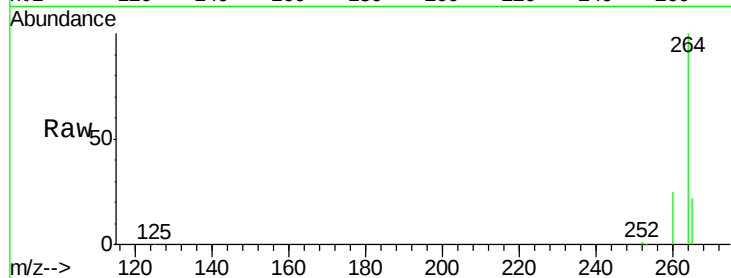
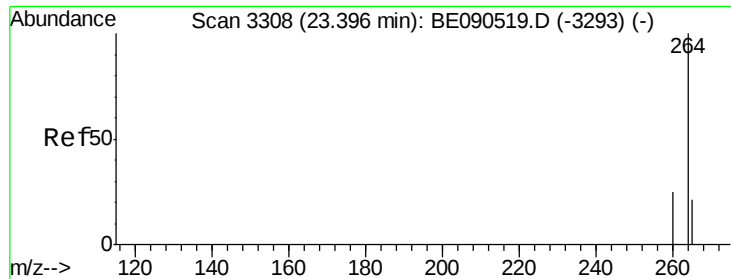
Tgt Ion:244 Resp: 92595
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.3 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BE090581.D
 Acq: 20 Aug 2015 19:24

Tgt Ion:149 Resp: 2344
 Ion Ratio Lower Upper
 149 100
 167 24.0 19.8 29.8
 279 3.5 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-B

Tgt Ion: 264 Resp: 151233

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.9 17.2 25.8

