

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090582.D
 Acq On : 20 Aug 2015 19:59
 Operator : UM/IZ
 Sample : G3369-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 21 01:32:47 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

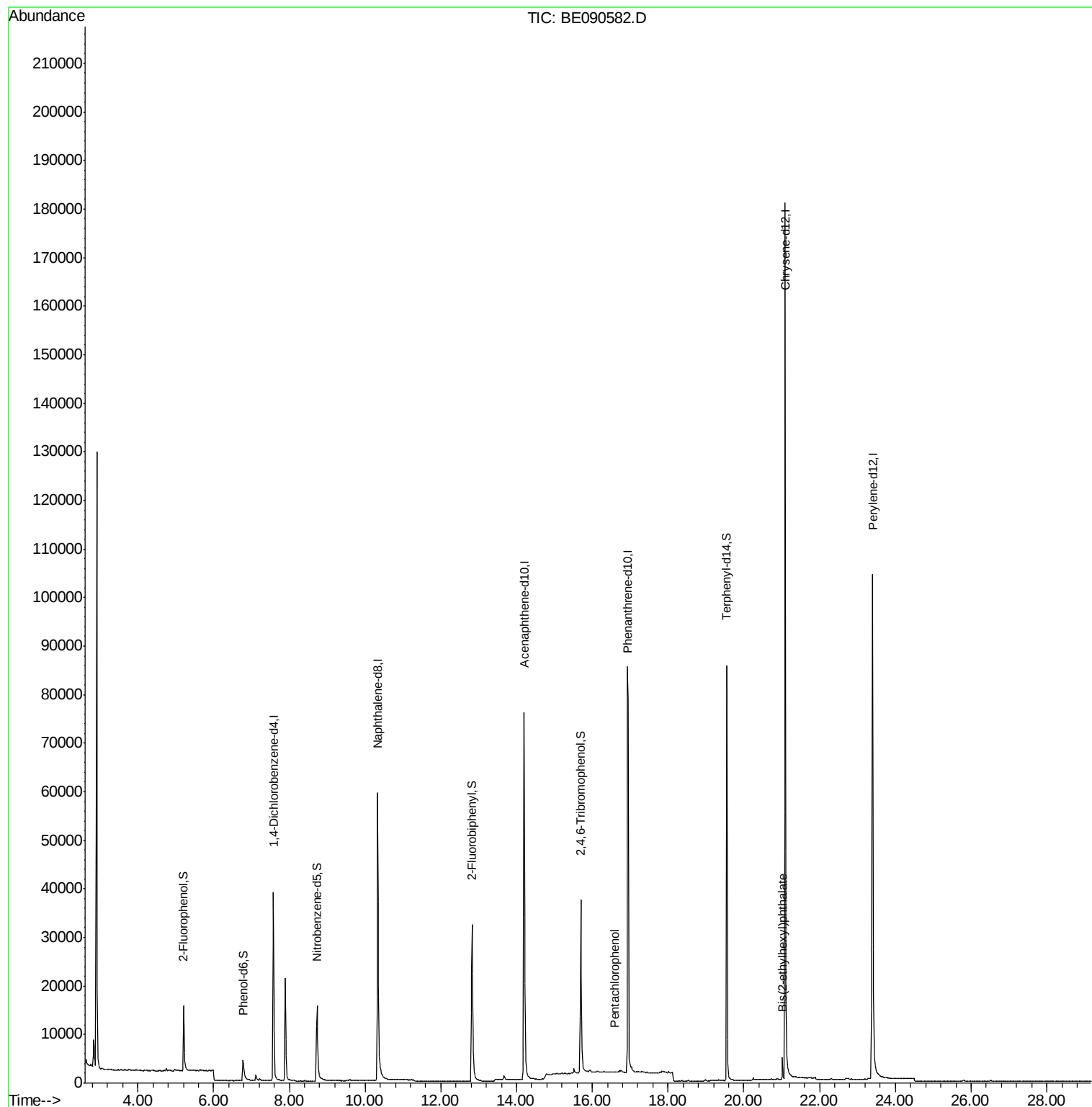
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20622	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	97877	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	59143	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147370	5.00	ng	0.00
25) Chrysene-d12	21.09	240	174665	5.00	ng	0.00
32) Perylene-d12	23.40	264	161081	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11736	1.97	ng	0.00
5) Phenol-d6	6.78	99	8705	0.99	ng	0.00
7) Nitrobenzene-d5	8.73	82	21842	2.80	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17971	7.90	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	48550	2.75	ng	0.00
27) Terphenyl-d14	19.55	244	93469	2.93	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	11	Below Cal	#	1
21) Pentachlorophenol	16.60	266	20	0.31 ng	#	65
30) Bis(2-ethylhexyl)phthalate	21.02	149	4177	0.29 ng		99

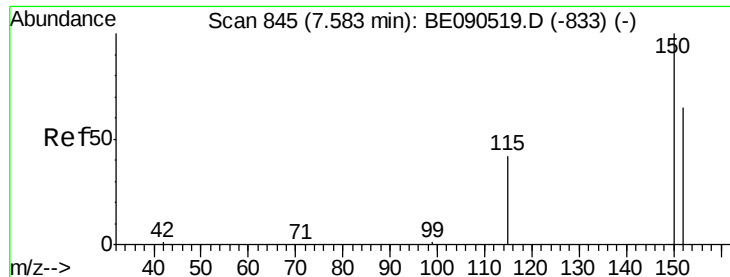
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090582.D

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Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-S

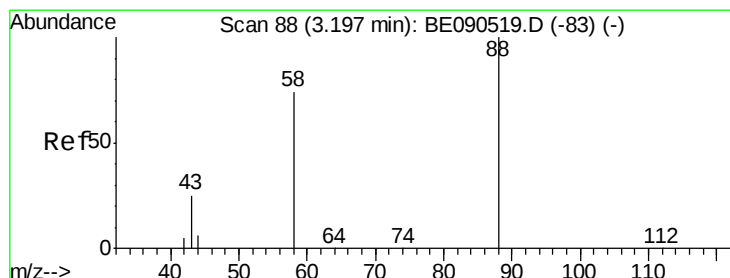
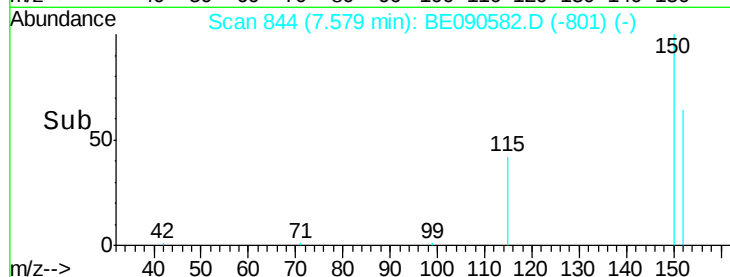
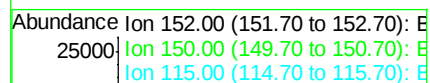
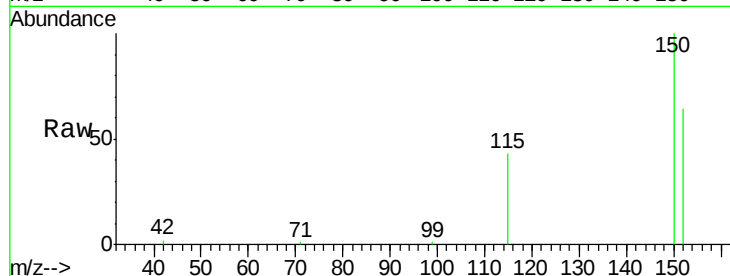
Tgt Ion:152 Resp: 20622

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

115 66.5 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: BE090582.D

Acq: 20 Aug 2015 19:59

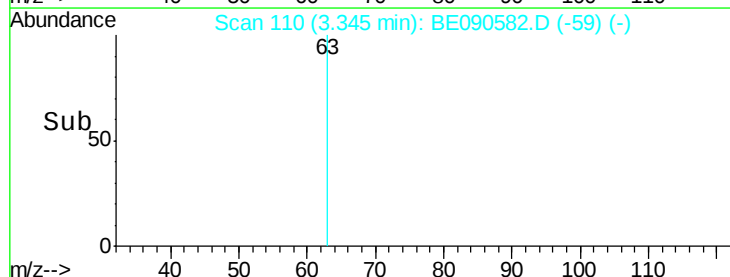
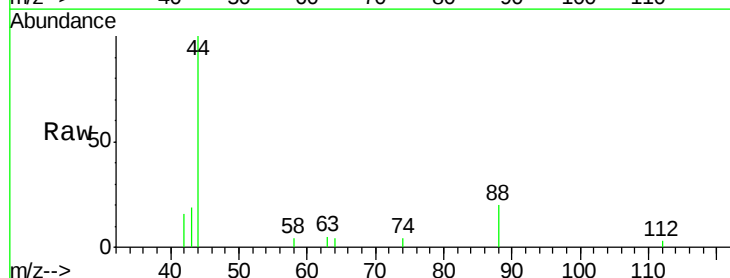
Tgt Ion: 88 Resp: 11

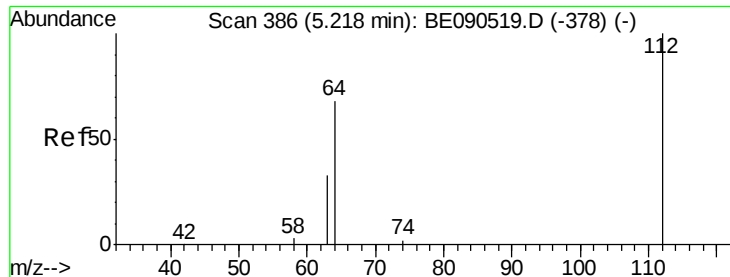
Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

43 145.5 28.4 42.6#





#4

2-Fluorophenol

Concen: 1.97 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-S

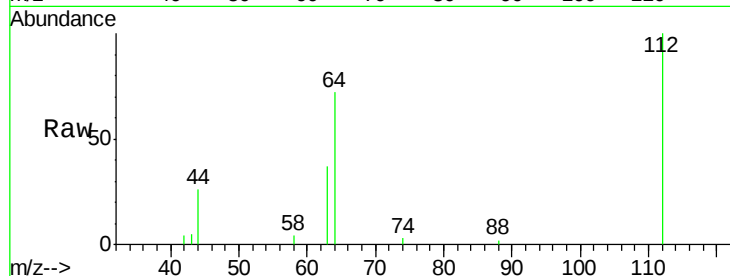
Tgt Ion: 112 Resp: 11736

Ion Ratio Lower Upper

112 100

64 69.1 37.1 55.7#

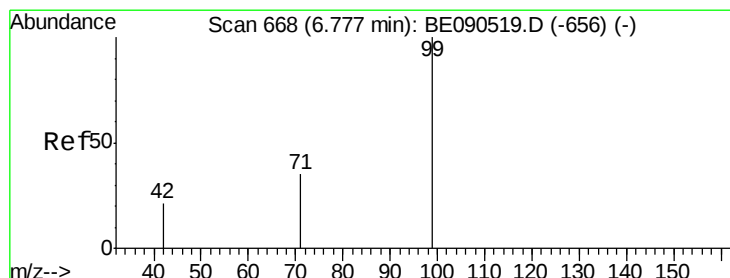
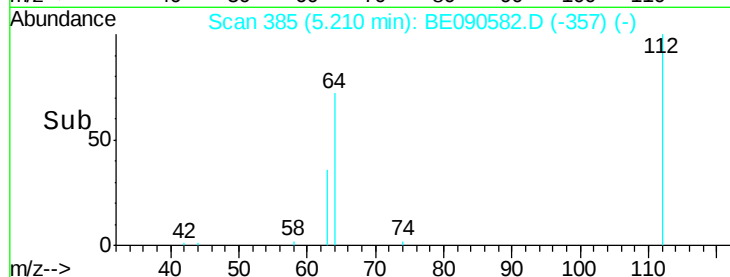
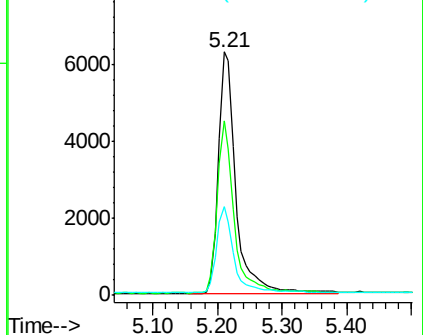
63 35.1 19.5 29.3#



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: 0.99 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

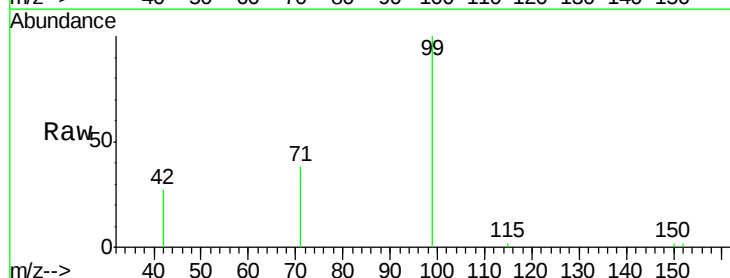
Tgt Ion: 99 Resp: 8705

Ion Ratio Lower Upper

99 100

42 18.3 18.2 27.4

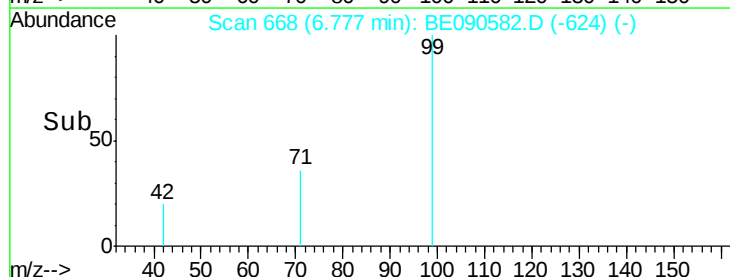
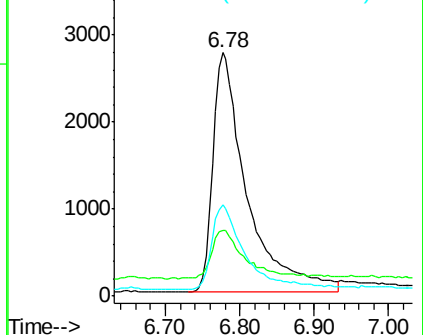
71 35.4 27.4 41.0

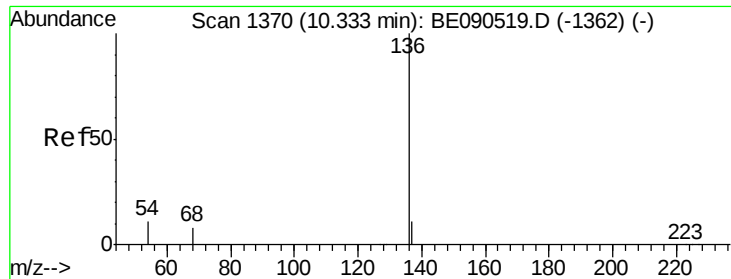


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

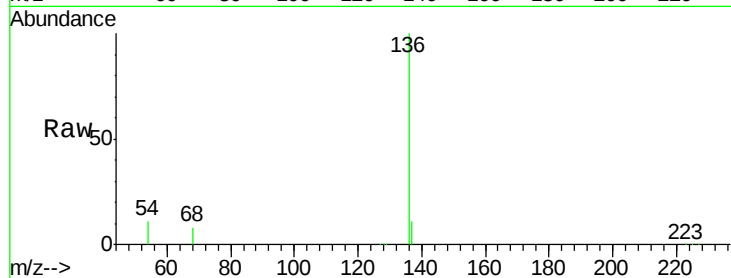




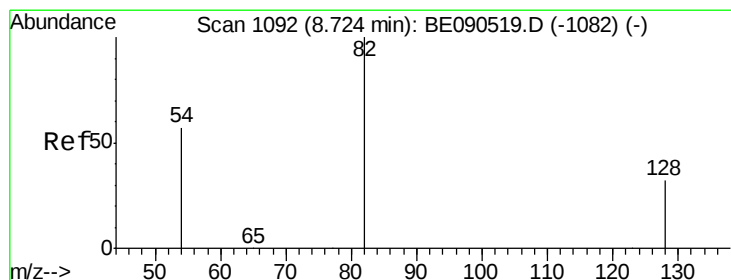
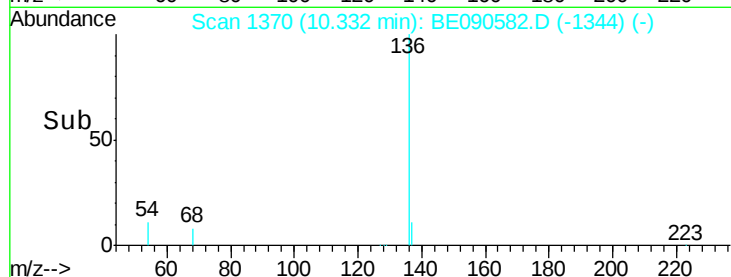
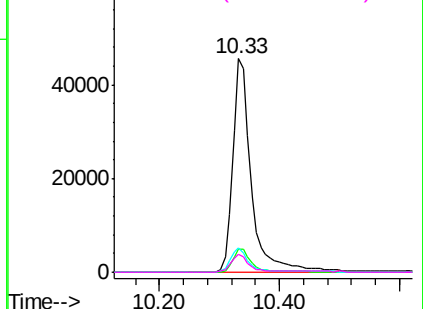
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090582.D
Acq: 20 Aug 2015 19:59

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

Tgt Ion:	136	Resp:	97877
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.3	9.4	14.0
68	8.3	6.5	9.7

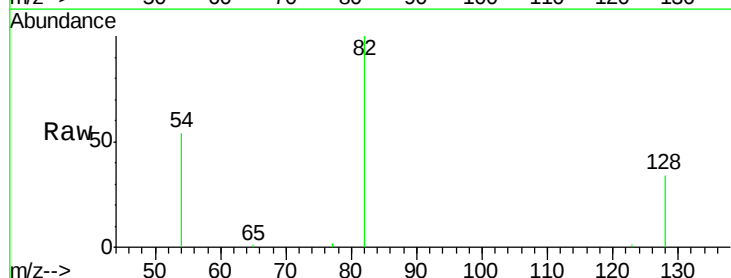


Abundance Ion 136.00 (135.70 to 136.70): BE090582.D (-1362) (-)
Ion 137.00 (136.70 to 137.70): BE090582.D (-1362) (-)
Ion 54.00 (53.70 to 54.70): BE090582.D (-1362) (-)
Ion 68.00 (67.70 to 68.70): BE090582.D (-1362) (-)

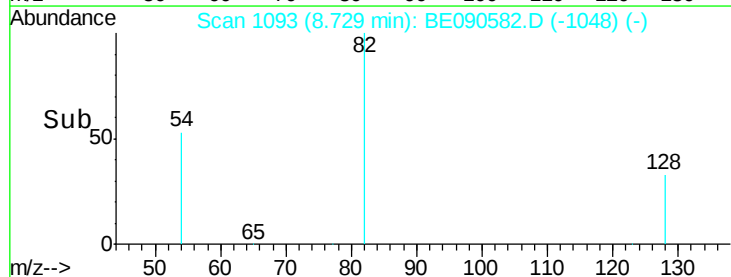
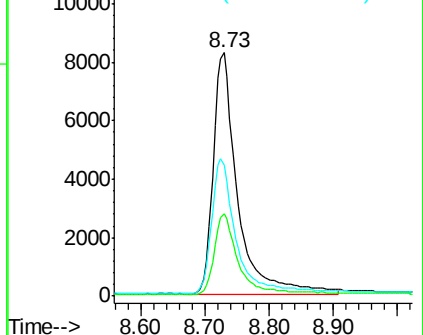


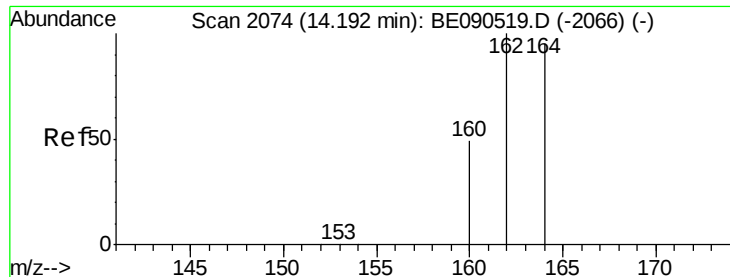
#7
Nitrobenzene-d5
Concen: 2.80 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE090582.D
Acq: 20 Aug 2015 19:59

Tgt Ion:	82	Resp:	21842
Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.0	37.6
54	53.7	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090582.D (-1048) (-)
Ion 128.00 (127.70 to 128.70): BE090582.D (-1048) (-)
Ion 54.00 (53.70 to 54.70): BE090582.D (-1048) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-S

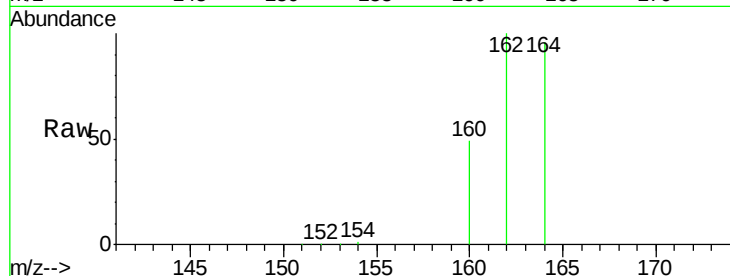
Tgt Ion:164 Resp: 59143

Ion Ratio Lower Upper

164 100

162 103.6 81.8 122.8

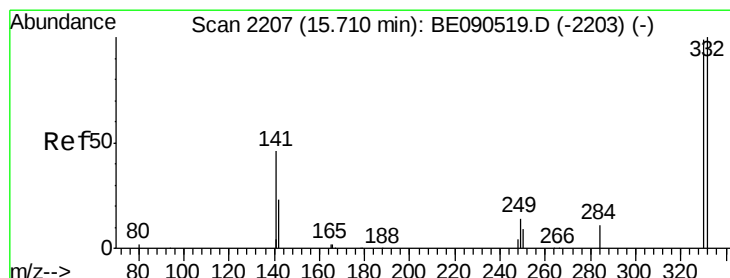
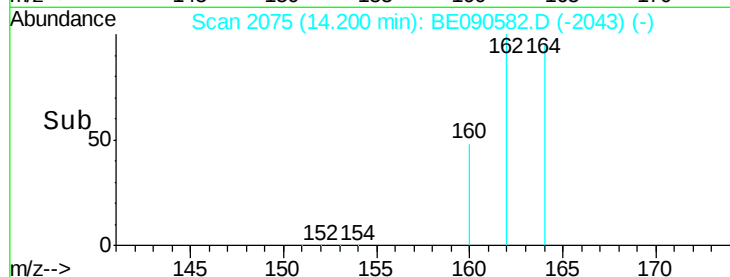
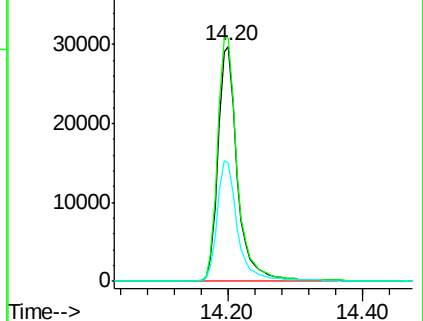
160 50.3 44.2 66.4



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: 7.90 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

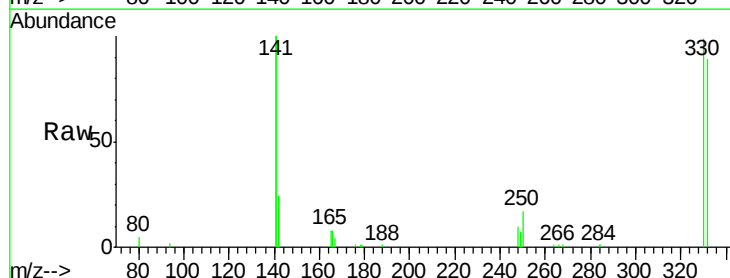
Tgt Ion:330 Resp: 17971

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

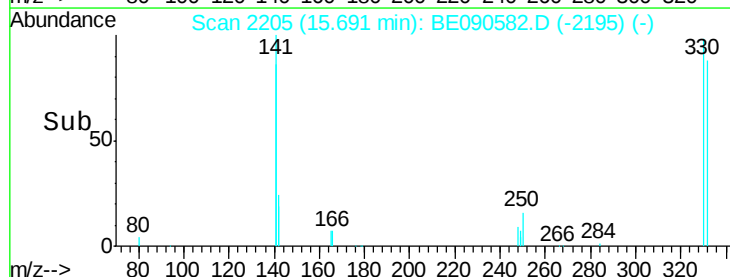
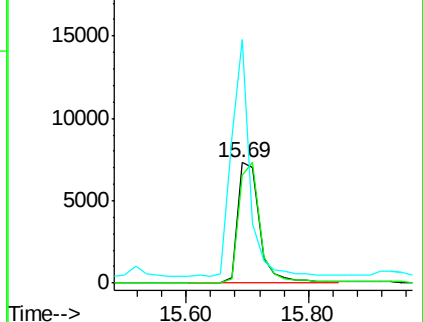
141 167.2 114.4 171.6

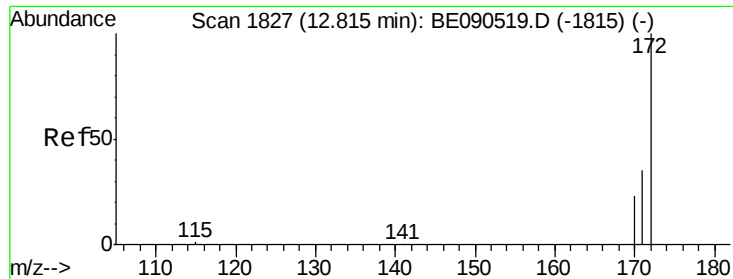


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

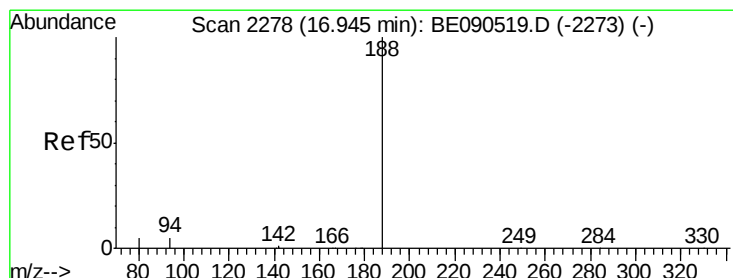
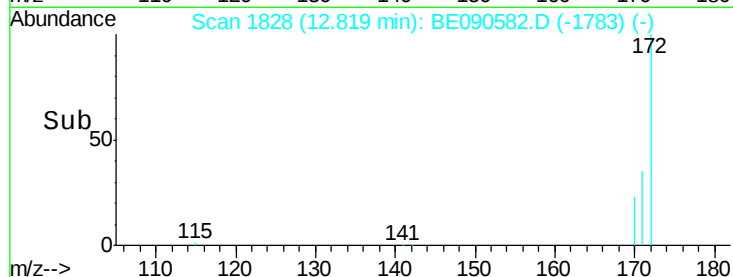
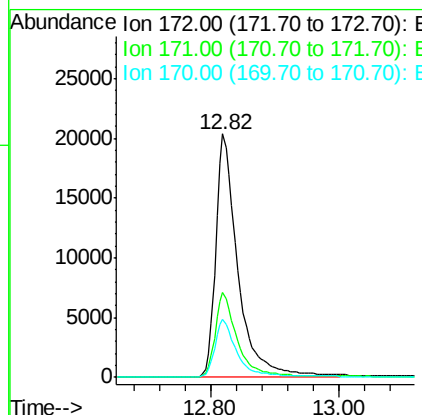
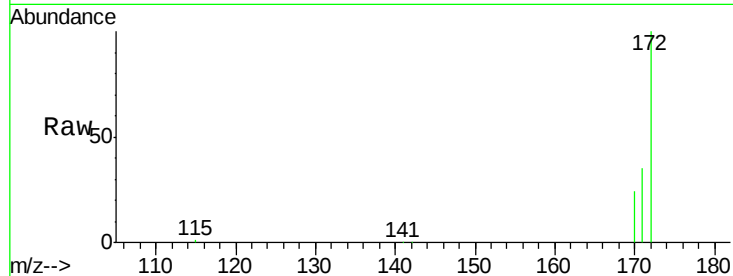




#14
2-Fluorobiphenyl
Concen: 2.75 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090582.D
Acq: 20 Aug 2015 19:59

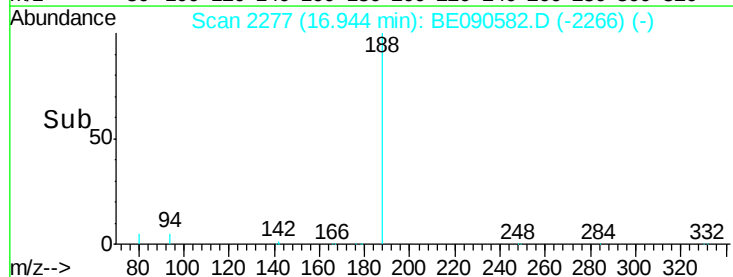
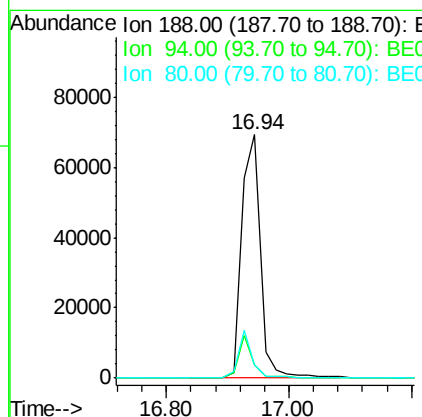
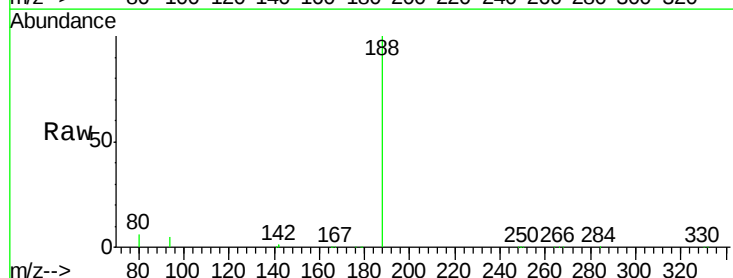
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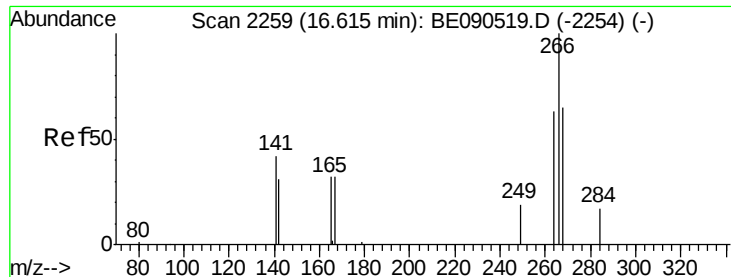
Tgt Ion:172 Resp: 48550
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090582.D
Acq: 20 Aug 2015 19:59

Tgt Ion:188 Resp: 147370
Ion Ratio Lower Upper
188 100
94 5.3 5.7 8.5#
80 5.5 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-S

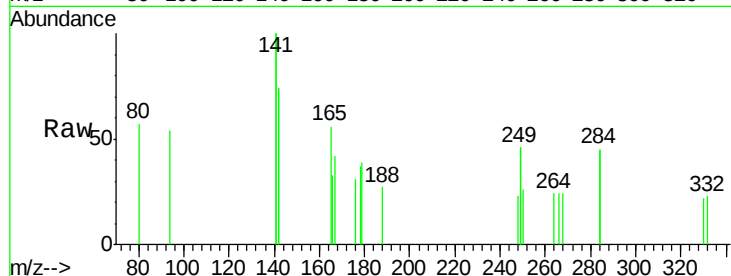
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

268 102.0 58.5 87.7#

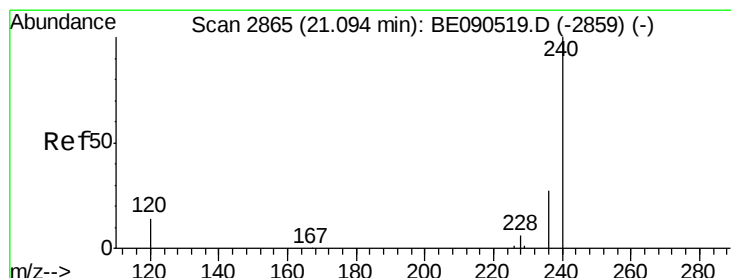
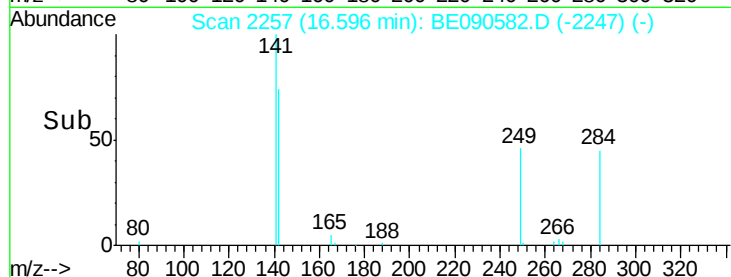
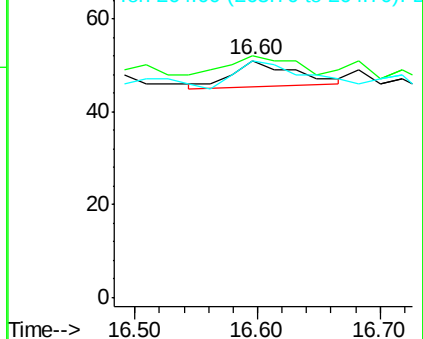
264 100.0 56.0 84.0#



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: BE090582.D

Acq: 20 Aug 2015 19:59

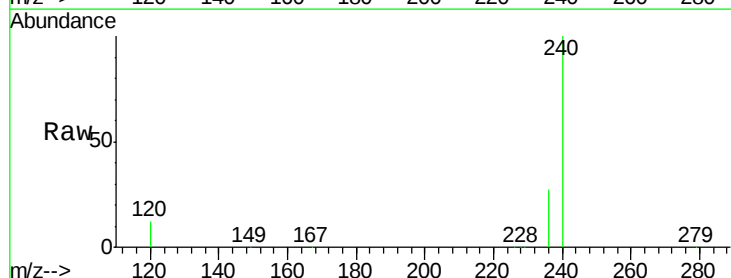
Tgt Ion:240 Resp: 174665

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

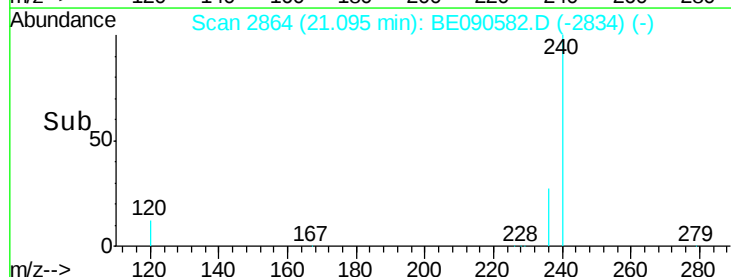
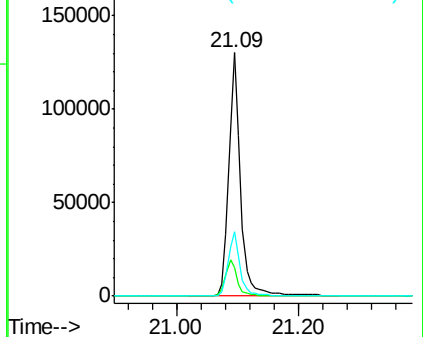
236 26.6 21.0 31.4

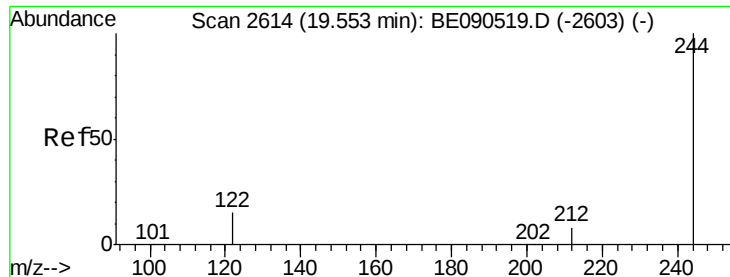


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 2.93 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090582.D

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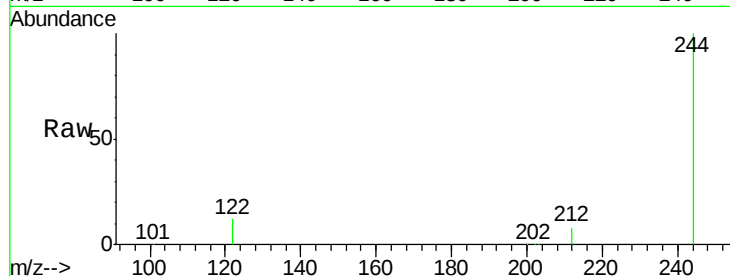
Tgt Ion:244 Resp: 93469

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

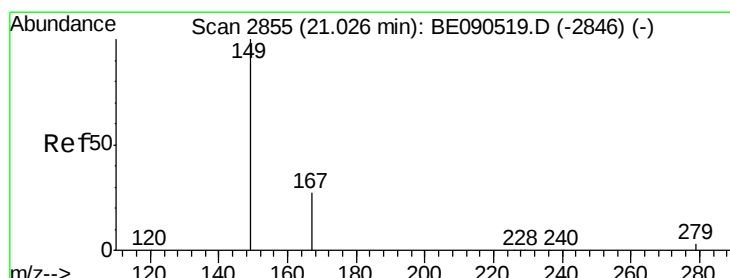
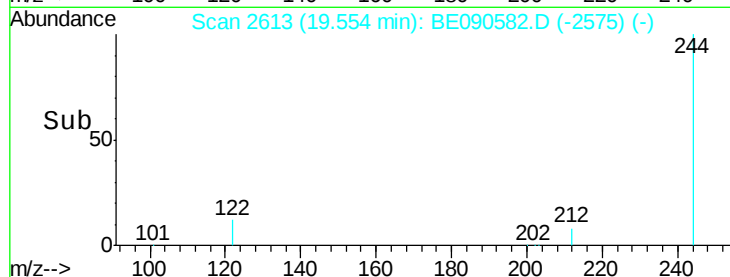
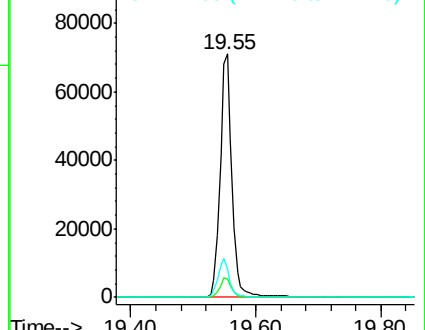
122 12.0 10.2 15.4



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: 0.29 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090582.D

Acq: 20 Aug 2015 19:59

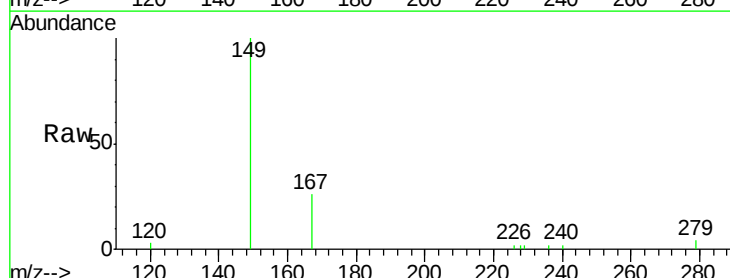
Tgt Ion:149 Resp: 4177

Ion Ratio Lower Upper

149 100

167 24.1 19.8 29.8

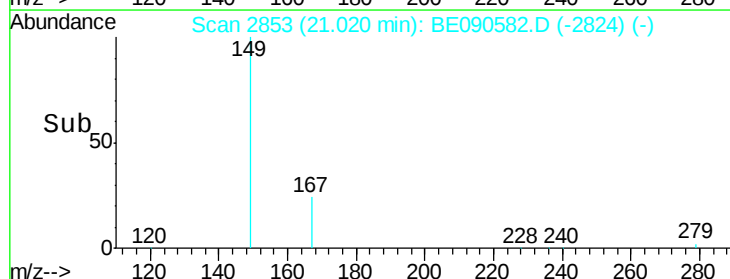
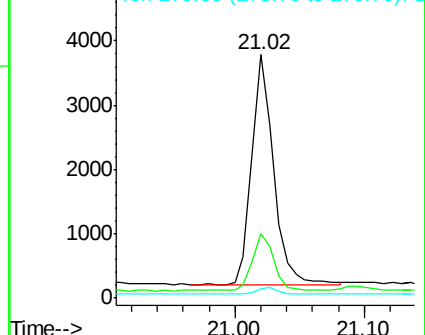
279 3.1 2.4 3.6

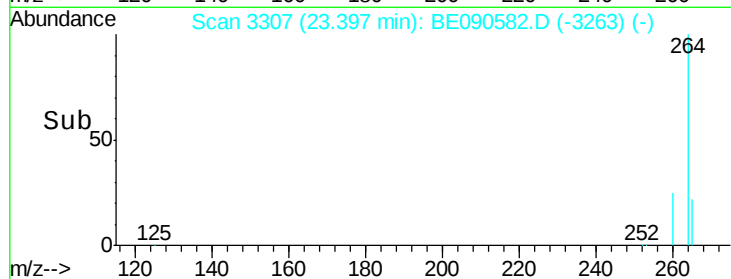
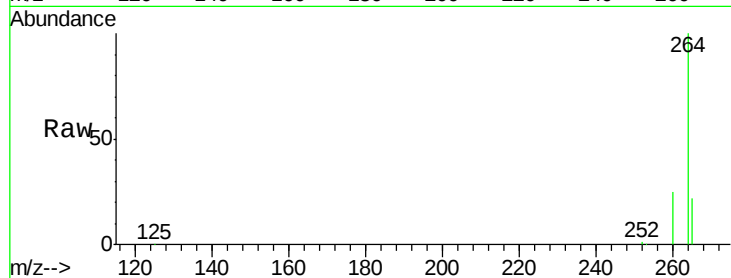
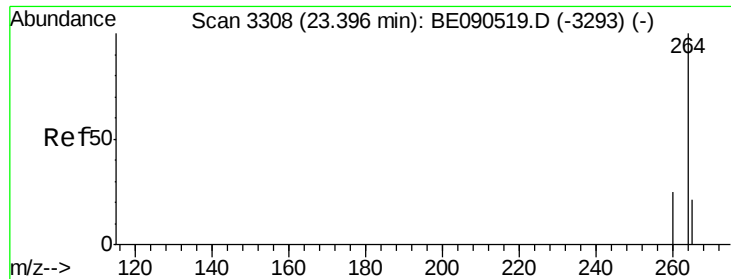


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE090582.D

Acq: 20 Aug 2015 19:59

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-U-S

Tgt Ion: 264 Resp: 161081

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 22.0 17.2 25.8

