

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090580.D
 Acq On : 20 Aug 2015 18:45
 Operator : UM/IZ
 Sample : G3369-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 21 01:32:19 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

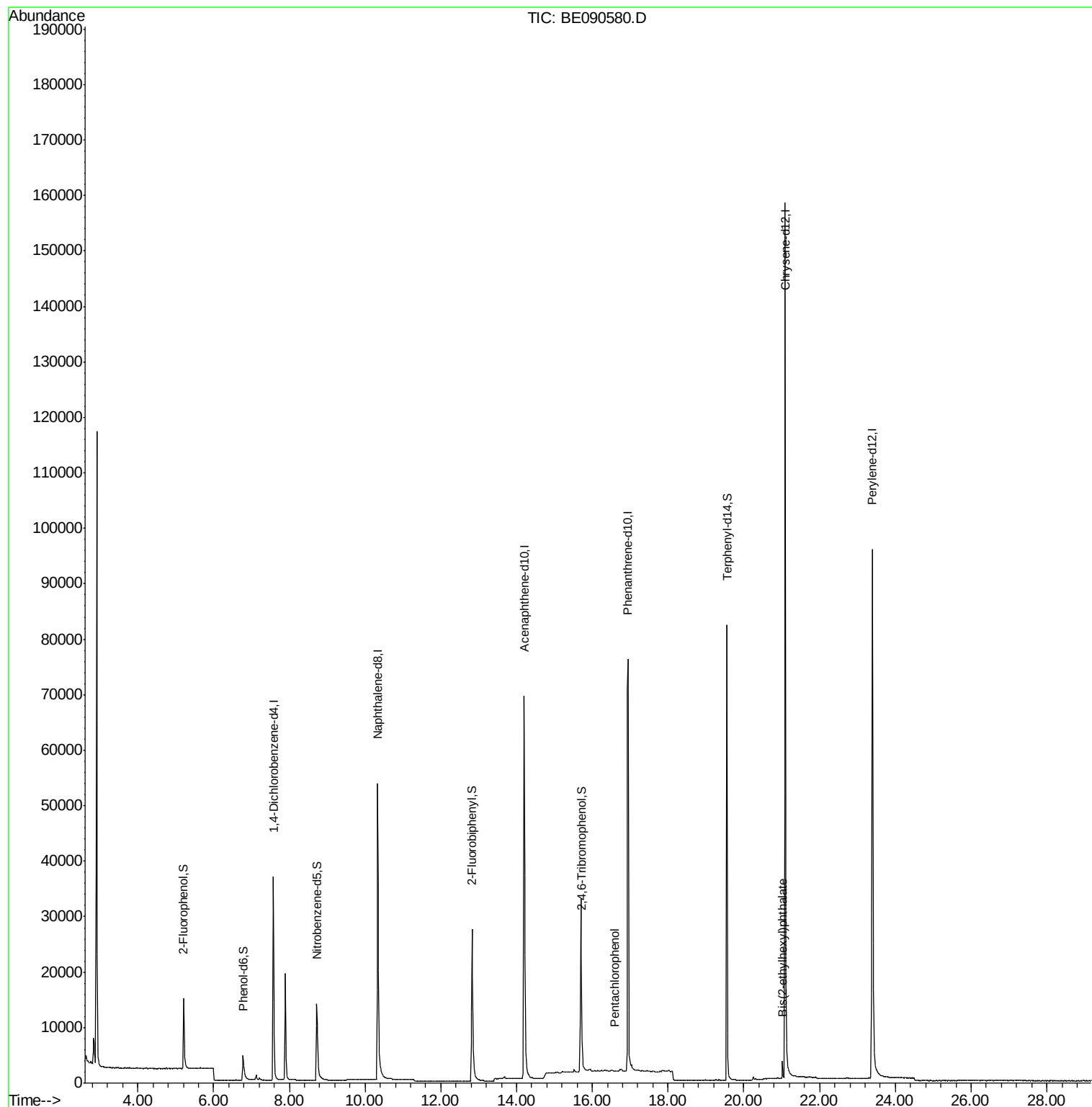
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19712	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	91788	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	54120	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	132852	5.00	ng	0.00
25) Chrysene-d12	21.09	240	161668	5.00	ng	0.00
32) Perylene-d12	23.40	264	150488	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11195	1.96	ng	0.00
5) Phenol-d6	6.78	99	9002	1.07	ng	0.00
7) Nitrobenzene-d5	8.73	82	19279	2.64	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	16998	8.16	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	43385	2.68	ng	0.00
27) Terphenyl-d14	19.55	244	85338	2.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	74	Below Cal	#	34
21) Pentachlorophenol	16.60	266	18	0.31 ng	#	62
30) Bis(2-ethylhexyl)phthalate	21.02	149	2844	0.25 ng		99

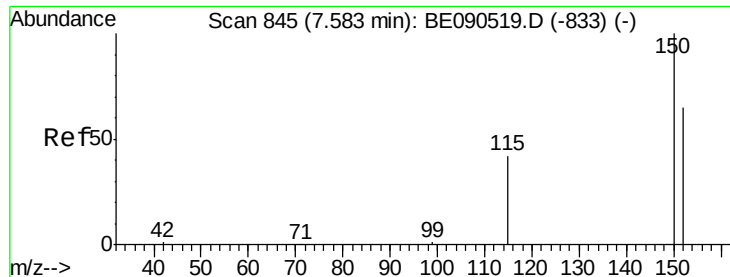
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

082015-D534-E-D-S

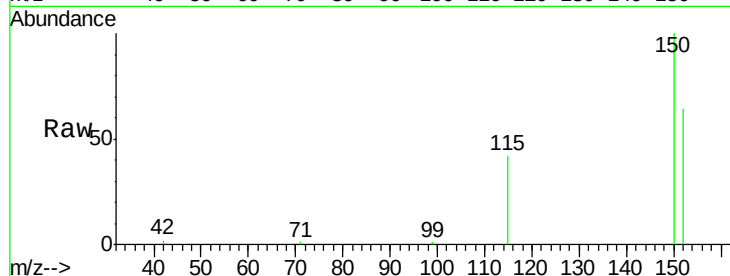
Tgt Ion:152 Resp: 19712

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

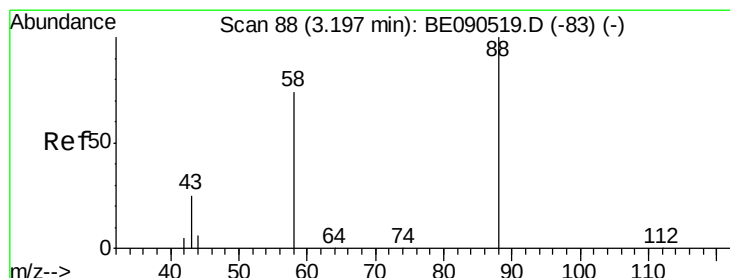
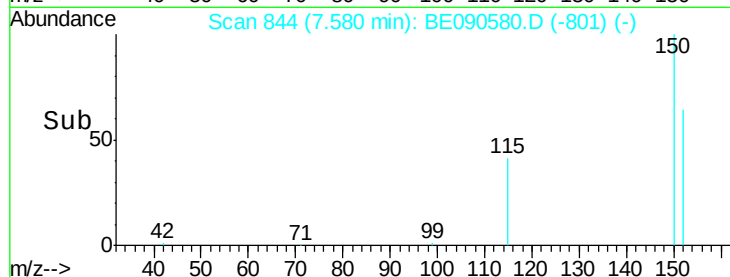
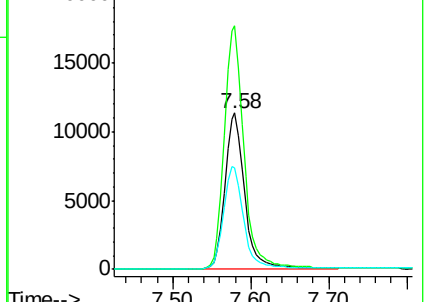
115 65.0 48.9 73.3



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: BE090580.D

Acq: 20 Aug 2015 18:45

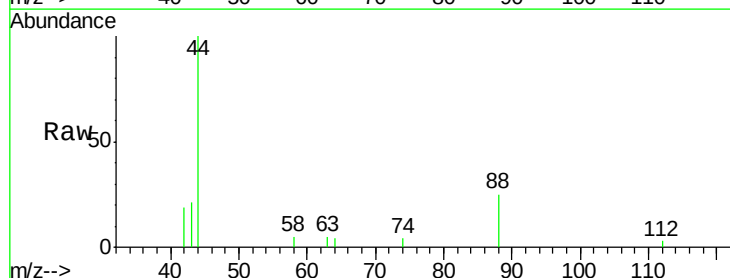
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

58 18.9 70.0 105.0#

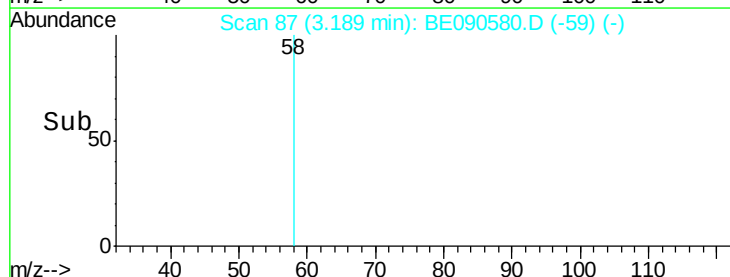
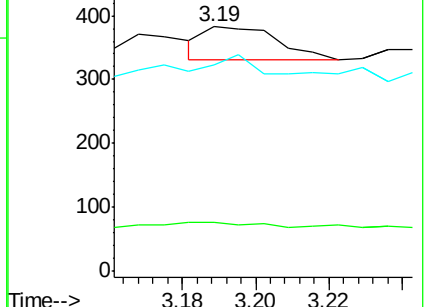
43 63.5 28.4 42.6#

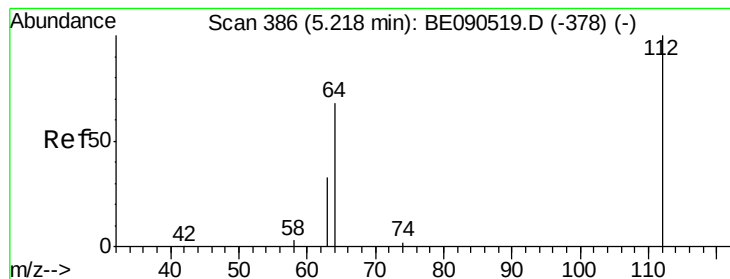


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 1.96 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

Instrument :

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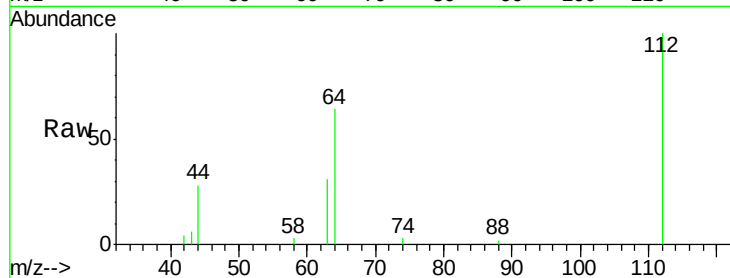
Tgt Ion: 112 Resp: 11195

Ion Ratio Lower Upper

112 100

64 69.6 37.1 55.7#

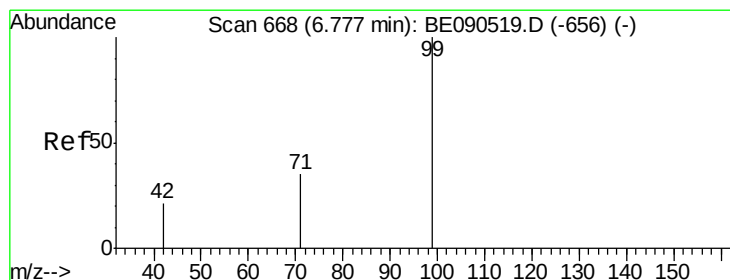
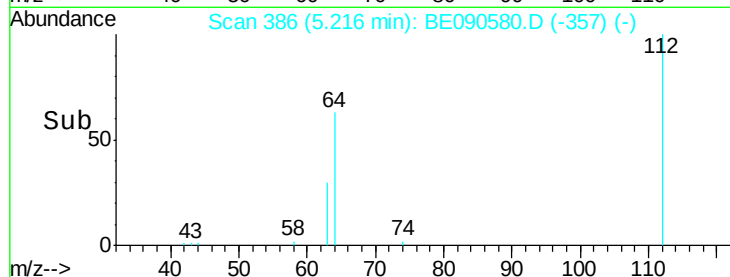
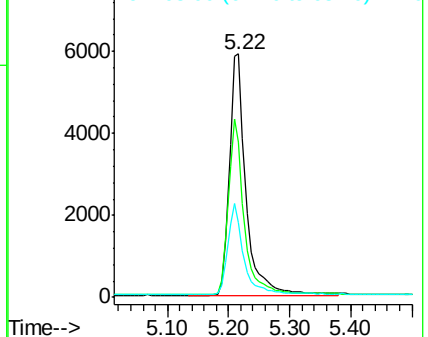
63 36.0 19.5 29.3#



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: 1.07 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

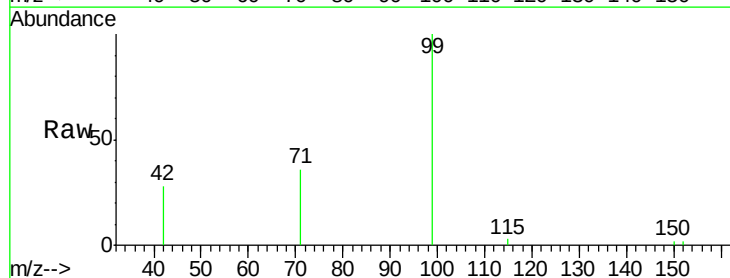
Tgt Ion: 99 Resp: 9002

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.4

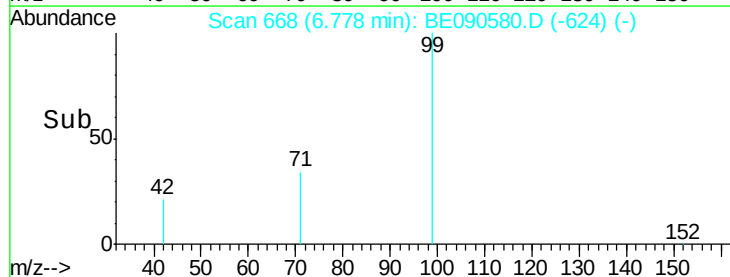
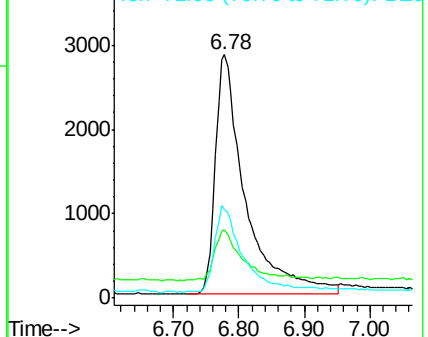
71 33.5 27.4 41.0

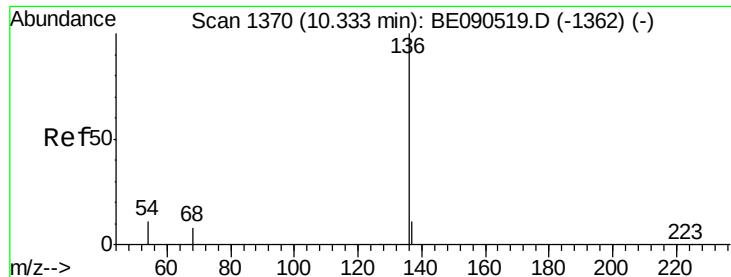


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-S

Tgt Ion: 136 Resp: 91788

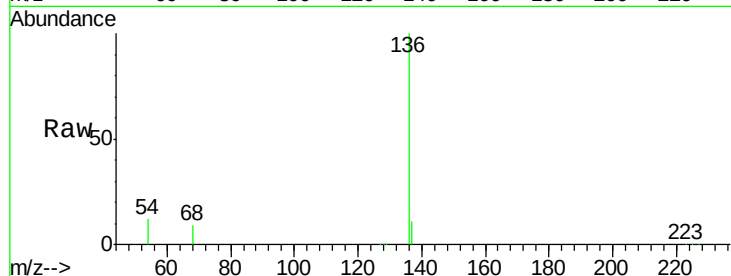
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.0 9.4 14.0

68 8.6 6.5 9.7

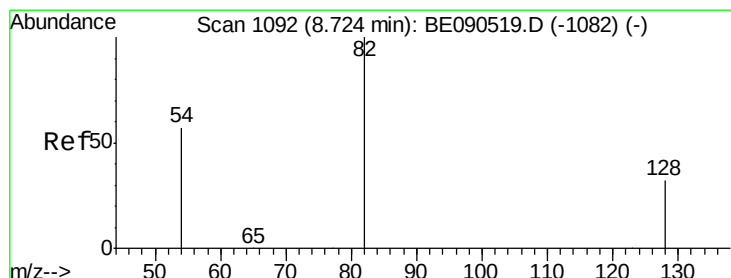
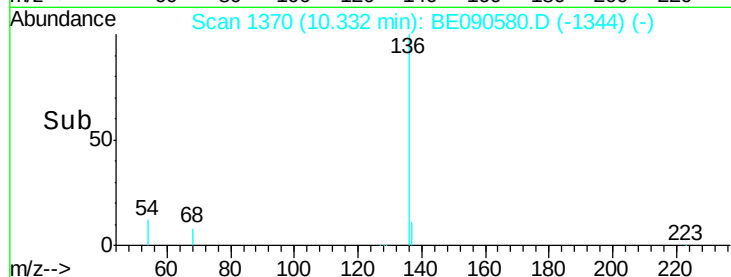
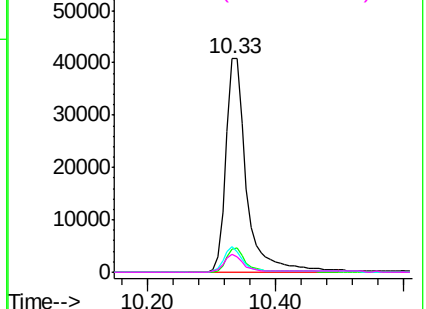


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.64 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

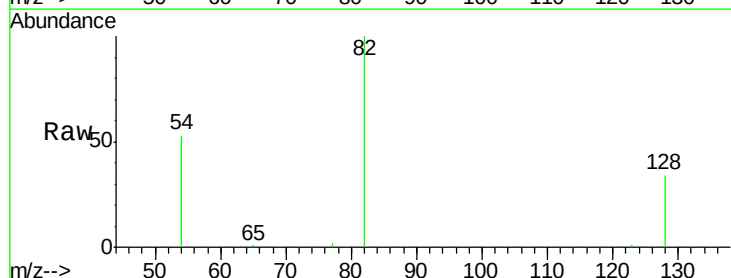
Tgt Ion: 82 Resp: 19279

Ion Ratio Lower Upper

82 100

128 34.1 25.0 37.6

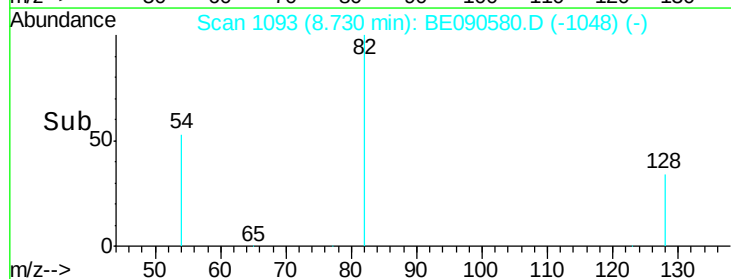
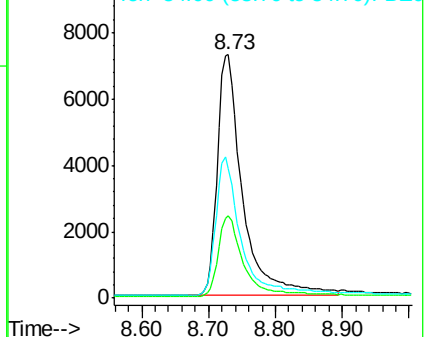
54 53.3 48.8 73.2

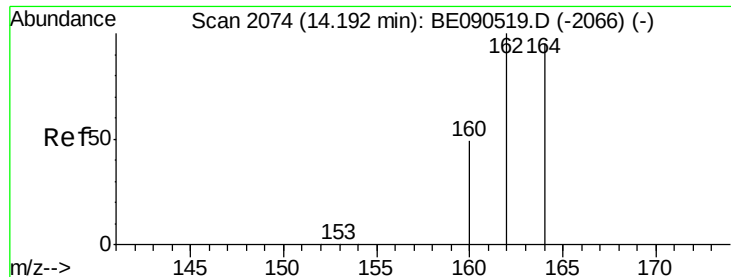


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090580.D

Acq: 20 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-S

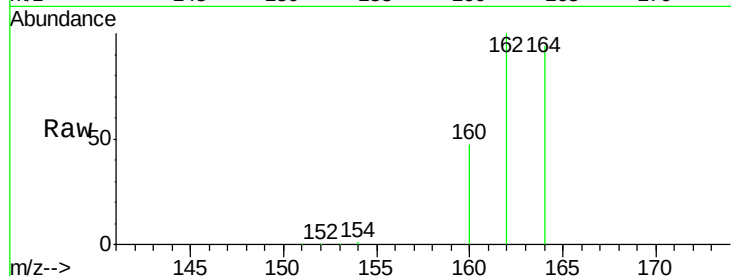
Tgt Ion:164 Resp: 54120

Ion Ratio Lower Upper

164 100

162 106.5 81.8 122.8

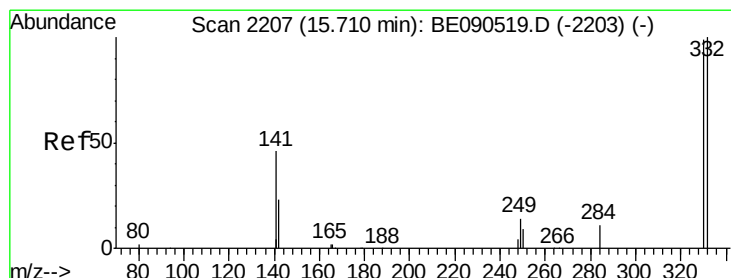
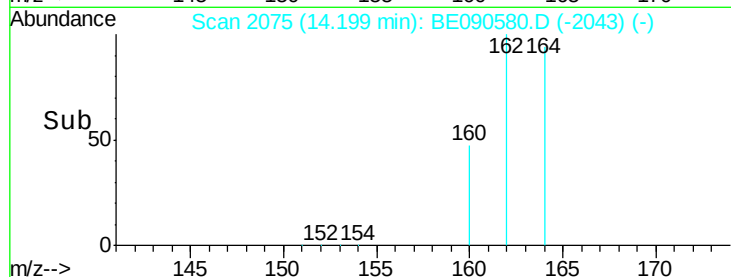
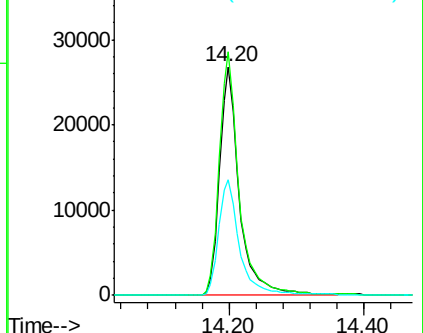
160 50.5 44.2 66.4



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: 8.16 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

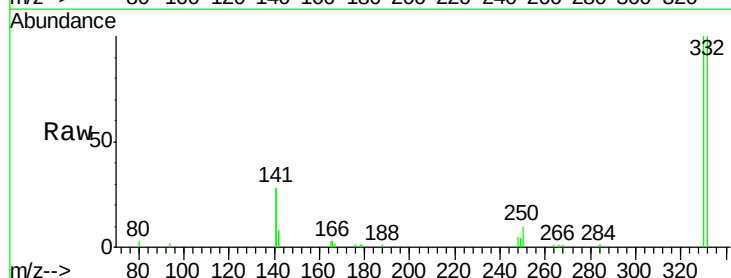
Tgt Ion:330 Resp: 16998

Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

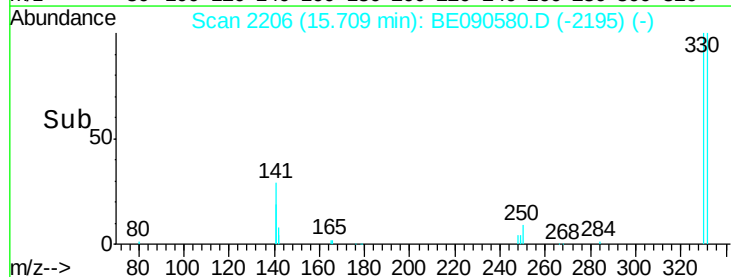
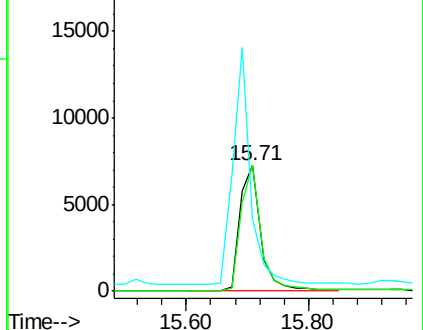
141 163.2 114.4 171.6

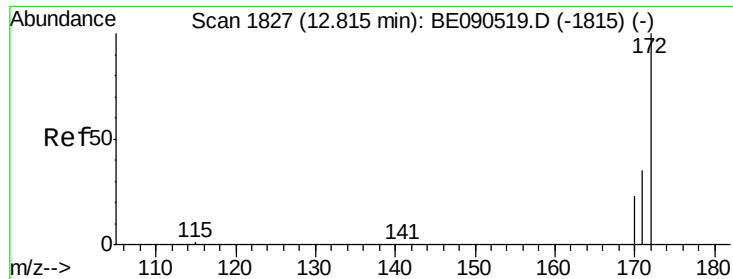


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

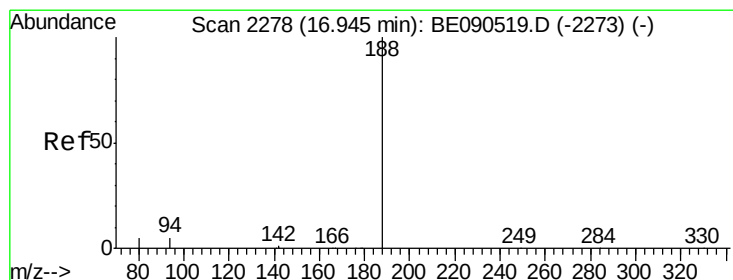
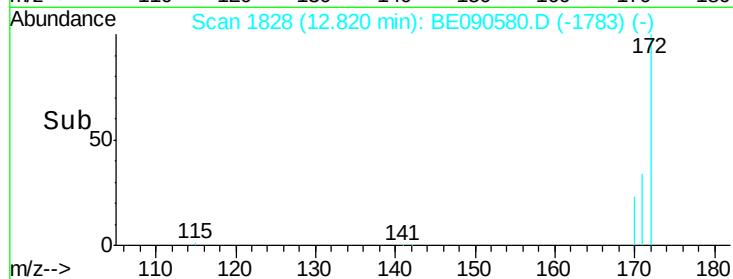
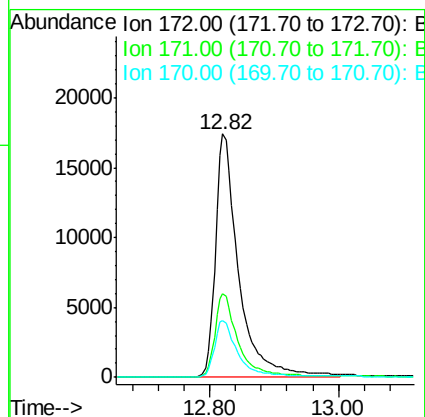
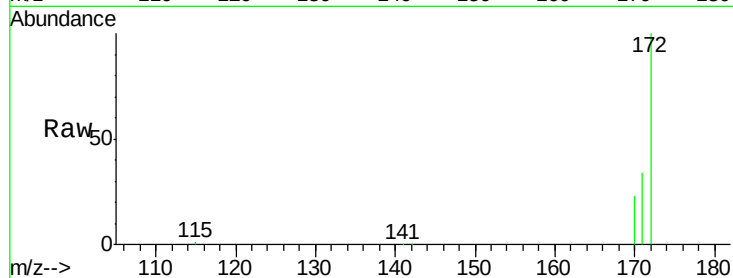




#14
2-Fluorobiphenyl
Concen: 2.68 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090580.D
Acq: 20 Aug 2015 18:45

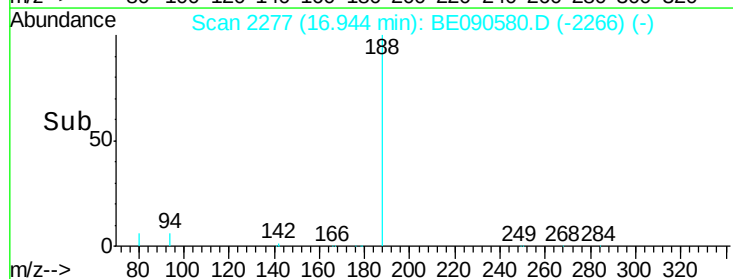
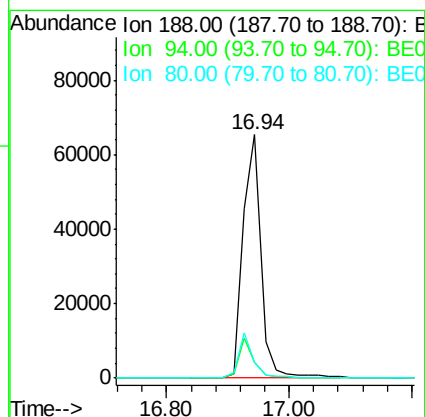
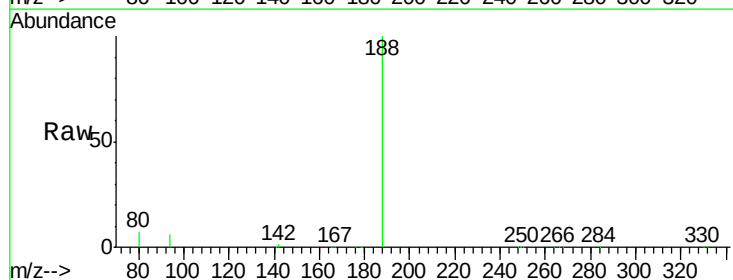
Instrument :
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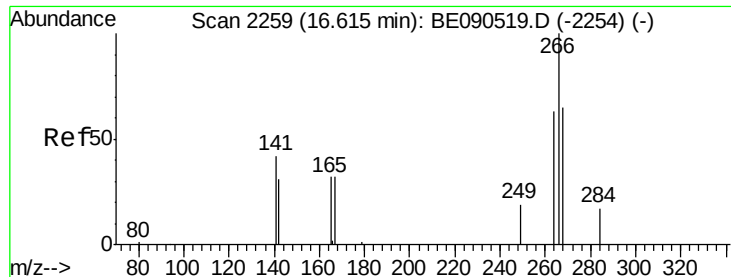
Tgt Ion:172 Resp: 43385
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.1 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090580.D
Acq: 20 Aug 2015 18:45

Tgt Ion:188 Resp: 132852
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 6.6 5.8 8.8





#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090580.D

Acq: 20 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-S

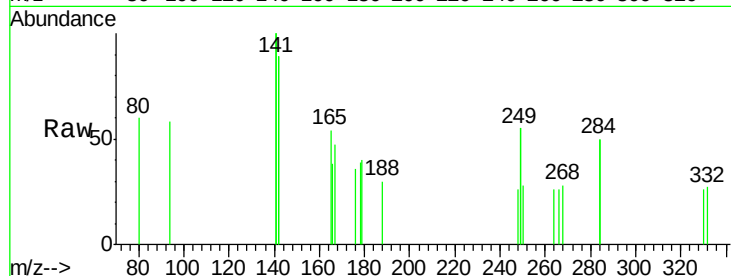
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 108.2 58.5 87.7#

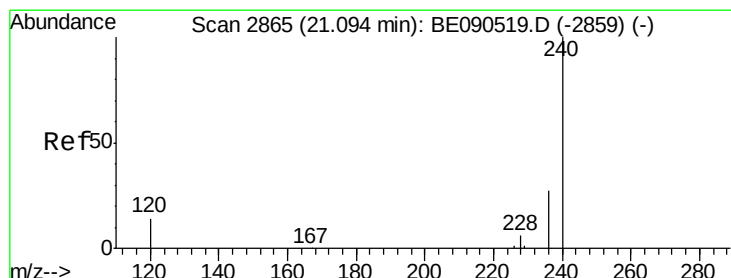
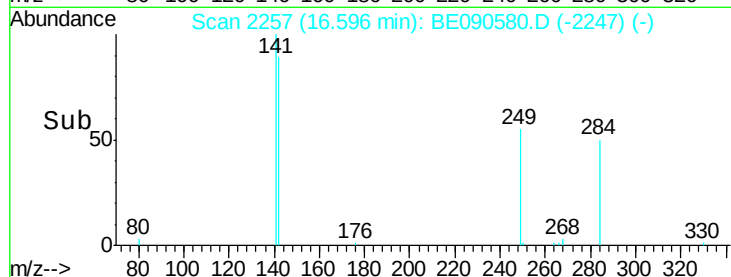
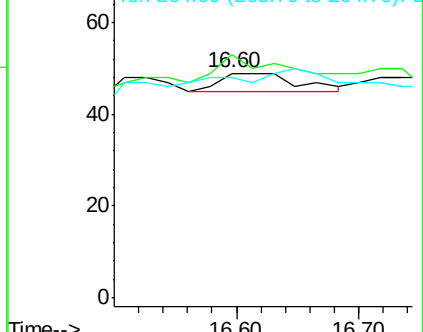
264 98.0 56.0 84.0#



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: BE090580.D

Acq: 20 Aug 2015 18:45

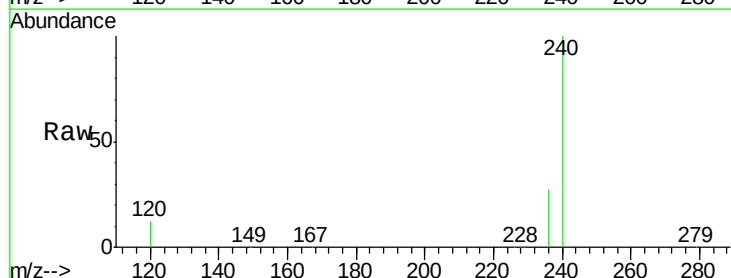
Tgt Ion:240 Resp: 161668

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

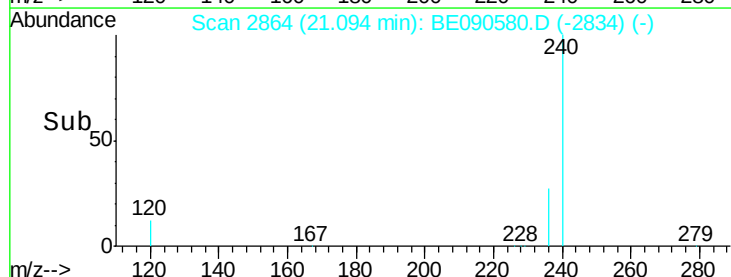
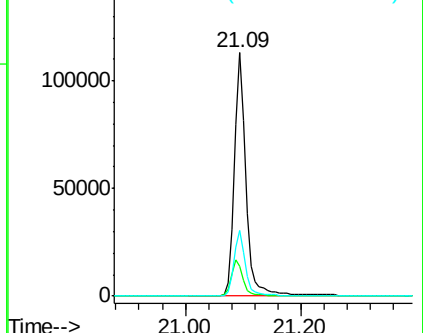
236 26.9 21.0 31.4

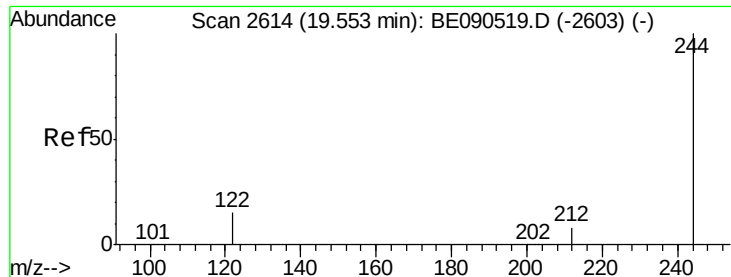


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

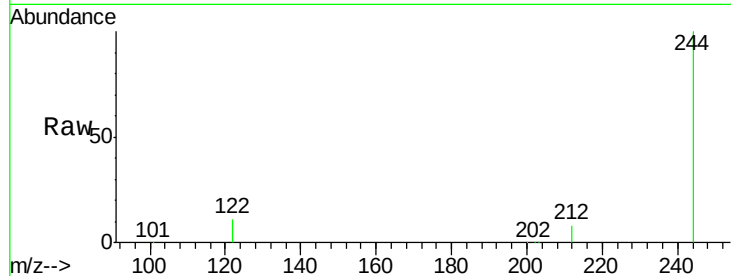




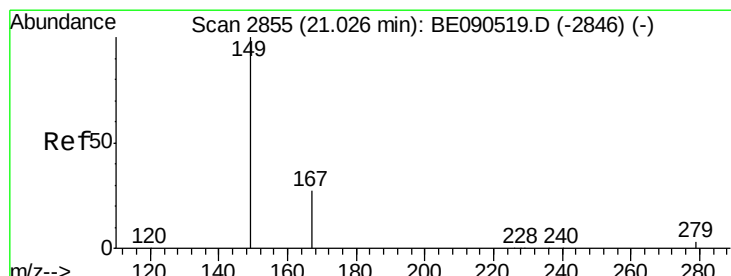
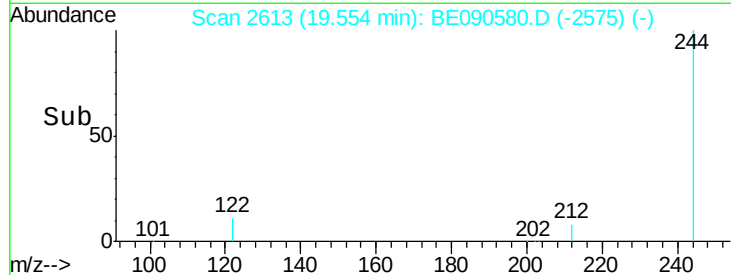
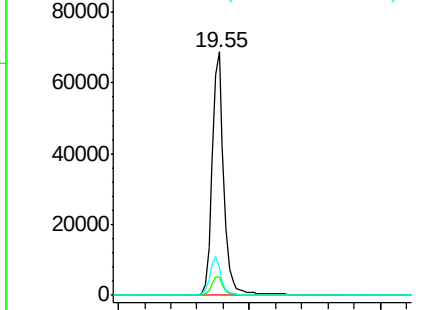
#27
 Terphenyl-d14
 Concen: 2.89 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090580.D
 Acq: 20 Aug 2015 18:45

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

Tgt Ion: 244 Resp: 85338
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 11.5 10.2 15.4

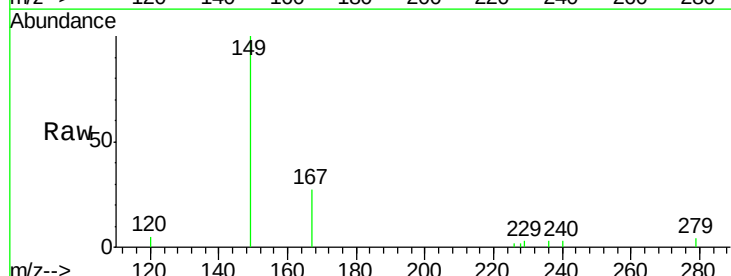


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

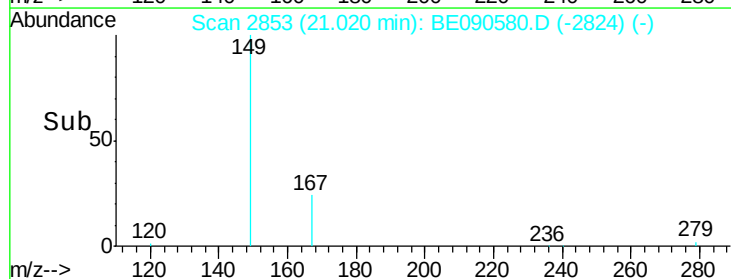
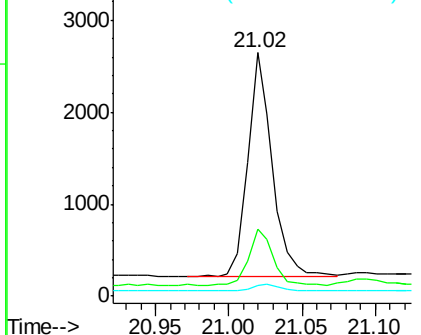


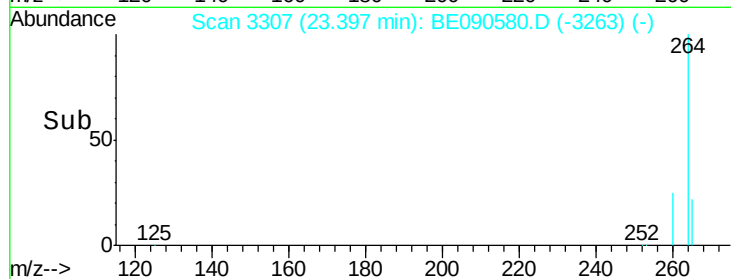
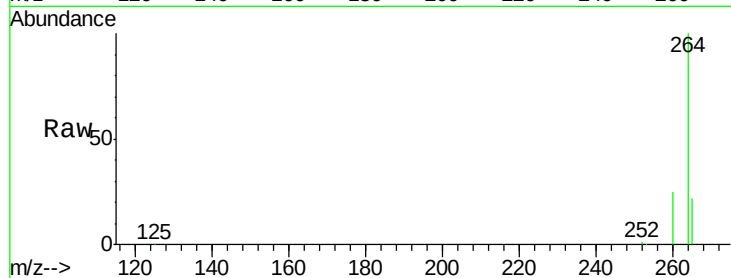
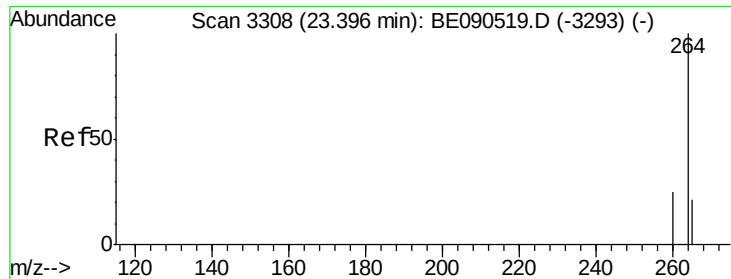
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090580.D
 Acq: 20 Aug 2015 18:45

Tgt Ion: 149 Resp: 2844
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.8 29.8
 279 3.3 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: BE090580.D

Acq: 20 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

082015-D534-E-D-S

Tgt Ion: 264 Resp: 150488

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.4 17.2 25.8

