

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090576.D
 Acq On : 20 Aug 2015 15:34
 Operator : UM/IZ
 Sample : G3364-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081915-D534-E-D-S

Quant Time: Aug 21 01:31:23 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

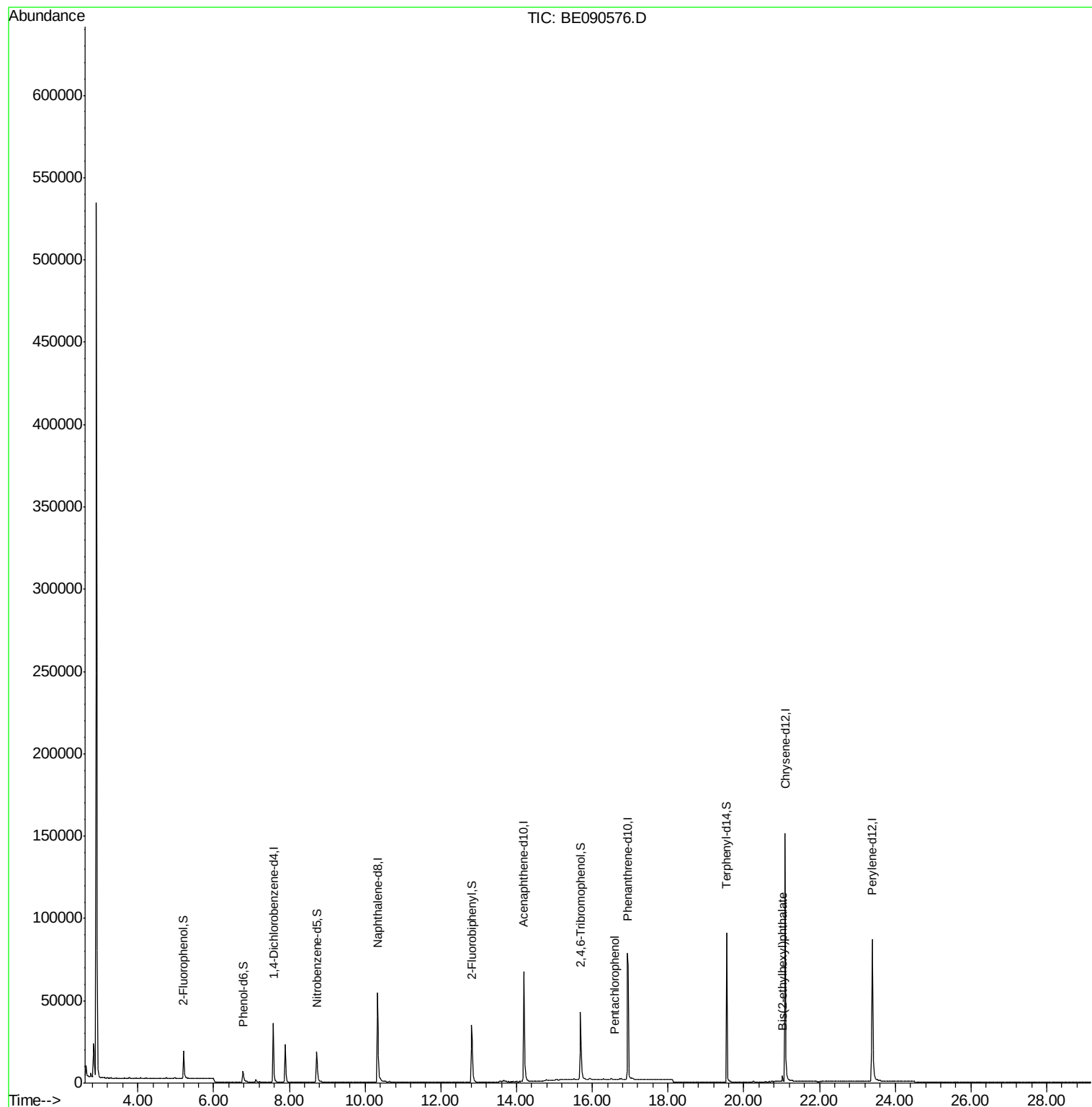
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18685	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	86379	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	52173	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	132415	5.00	ng	0.00
25) Chrysene-d12	21.09	240	148856	5.00	ng	0.00
32) Perylene-d12	23.39	264	137531	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13907	2.57	ng	0.00
5) Phenol-d6	6.78	99	11649	1.47	ng	0.00
7) Nitrobenzene-d5	8.73	82	23457	3.41	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20550	10.23	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	49982	3.21	ng	0.00
27) Terphenyl-d14	19.55	244	98109	3.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	13	Below Cal	#	15
21) Pentachlorophenol	16.60	266	64	0.32 ng	#	75
30) Bis(2-ethylhexyl)phthalate	21.02	149	3617	0.29 ng		98

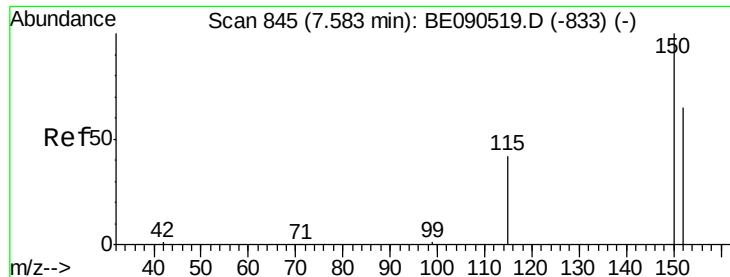
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

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ClientSampleId :

081915-D534-E-D-S

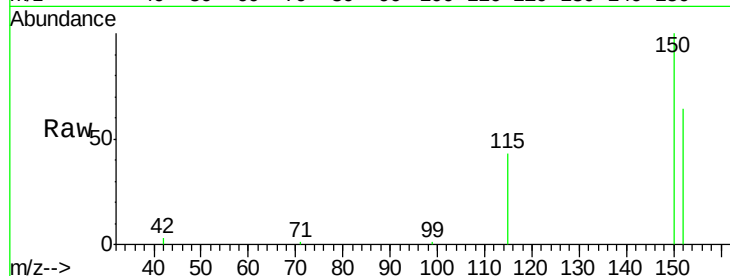
Tgt Ion:152 Resp: 18685

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

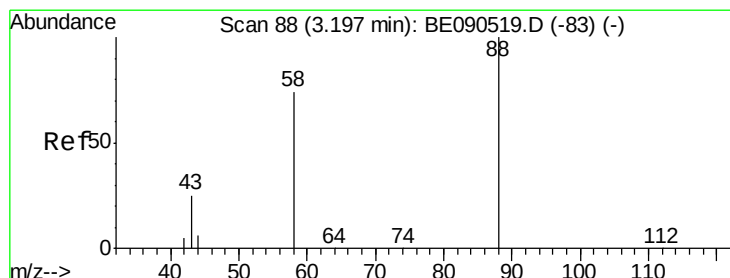
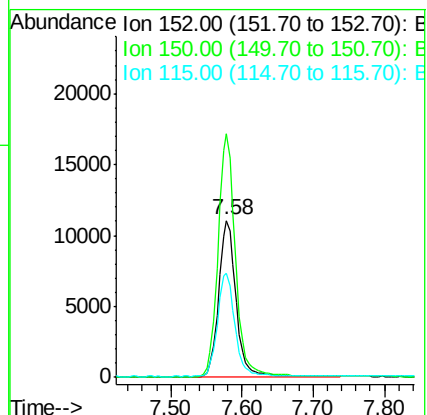
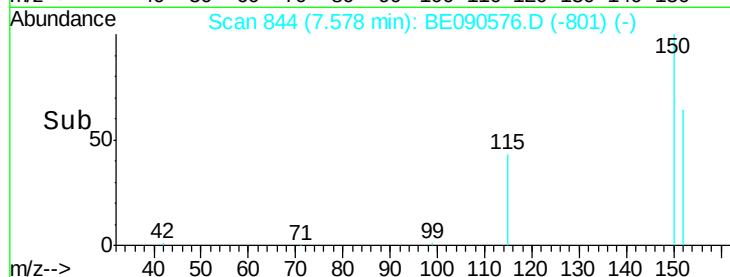
115 66.6 48.9 73.3



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: 3.36 min Scan# 112

Delta R.T. 0.16 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

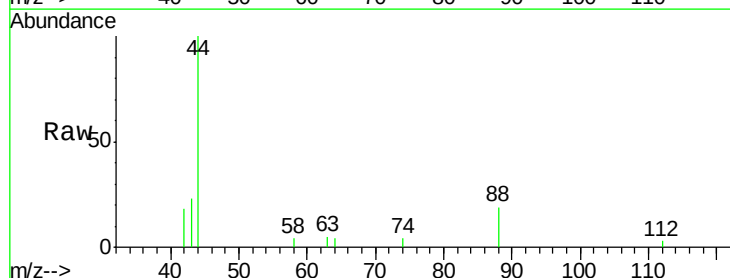
Tgt Ion: 88 Resp: 13

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

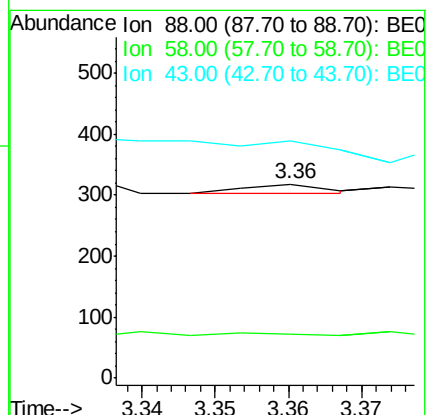
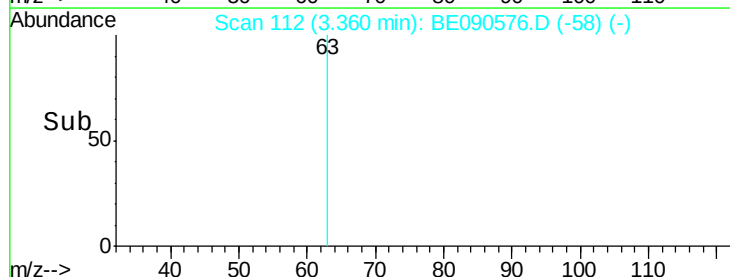
43 0.0 28.4 42.6#

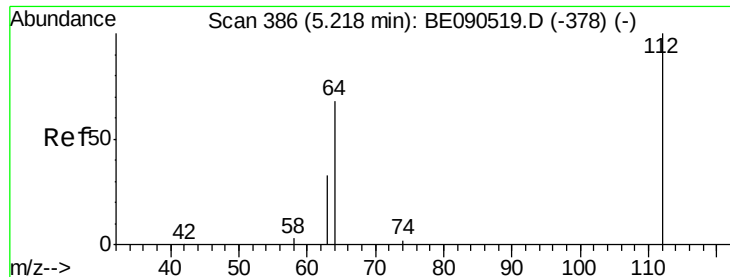


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.57 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

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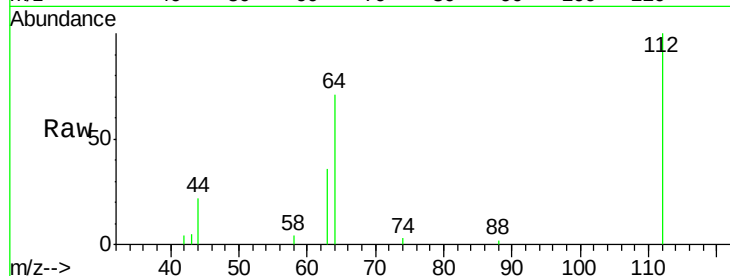
Tgt Ion: 112 Resp: 13907

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

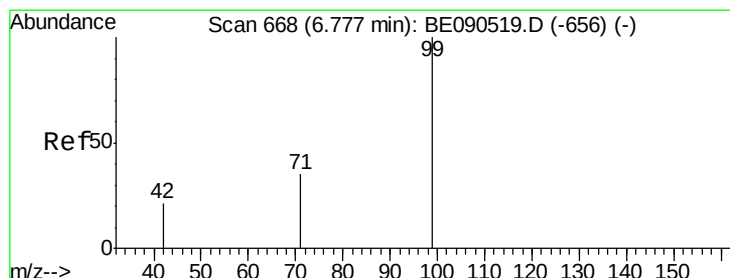
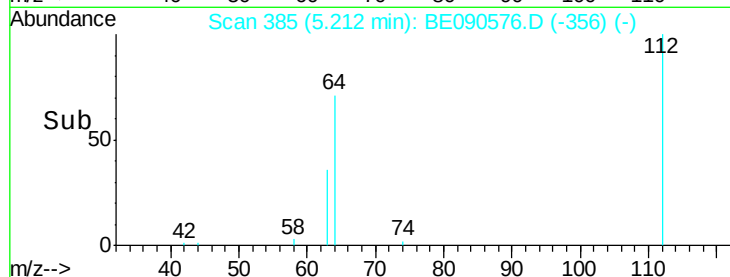
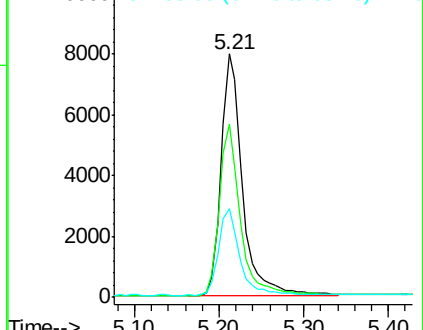
63 36.4 19.5 29.3#



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: 1.47 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

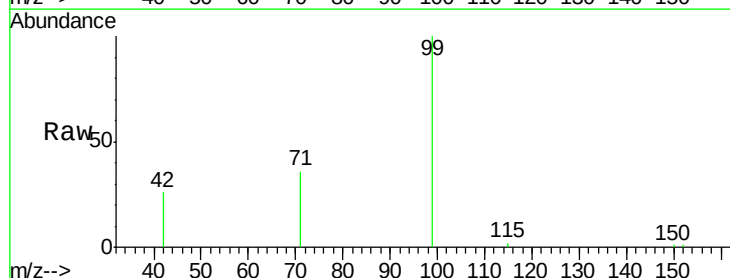
Tgt Ion: 99 Resp: 11649

Ion Ratio Lower Upper

99 100

42 18.9 18.2 27.4

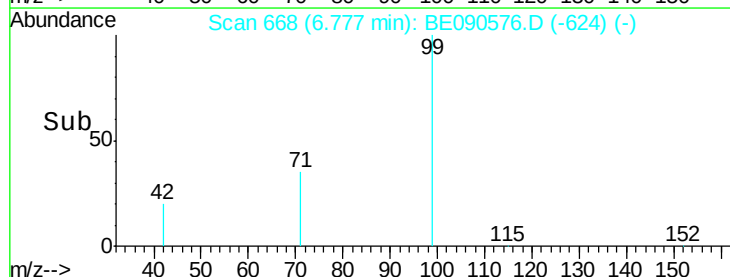
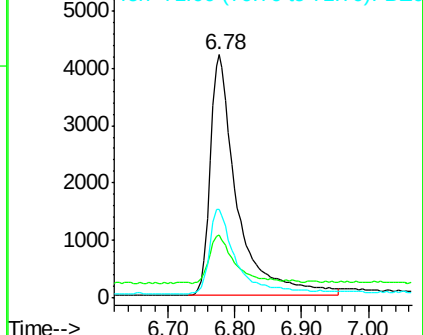
71 34.7 27.4 41.0

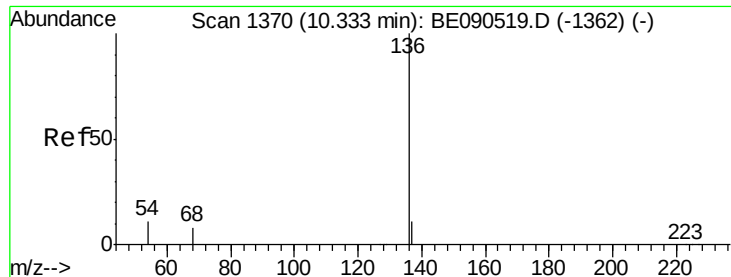


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090576.D

Acq: 20 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 136 Resp: 86379

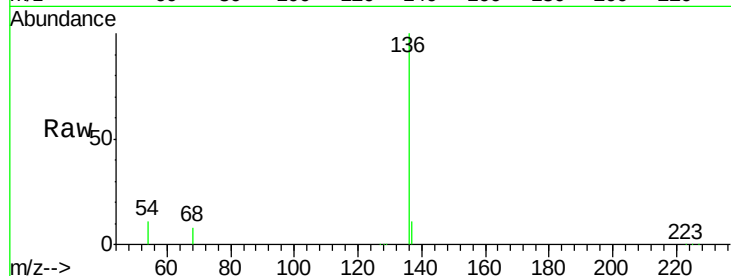
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.2 9.4 14.0

68 8.5 6.5 9.7

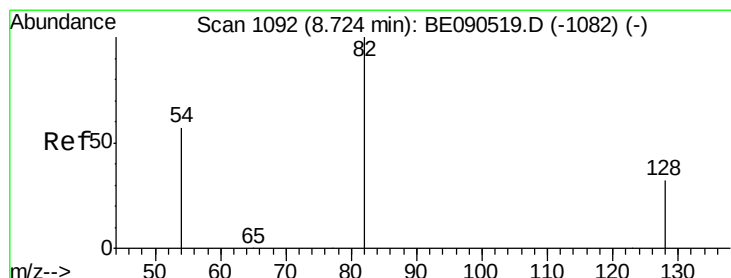
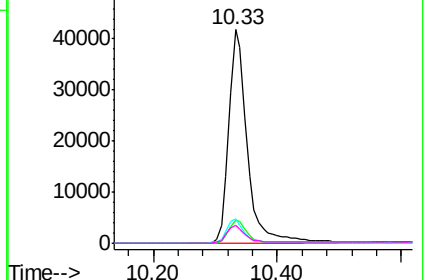
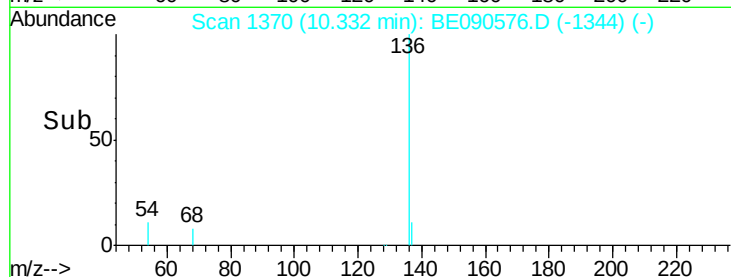


Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#7

Nitrobenzene-d5

Concen: 3.41 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

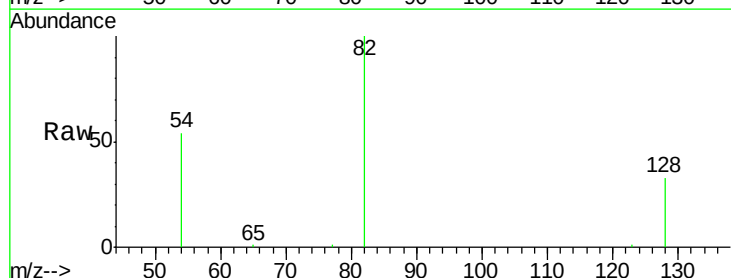
Tgt Ion: 82 Resp: 23457

Ion Ratio Lower Upper

82 100

128 33.1 25.0 37.6

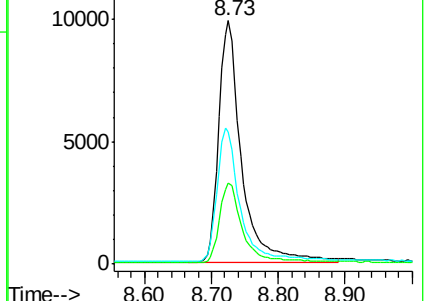
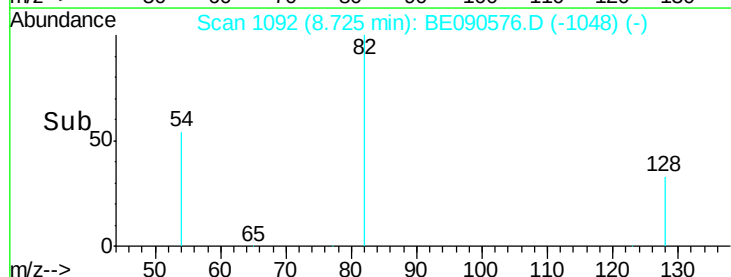
54 54.3 48.8 73.2

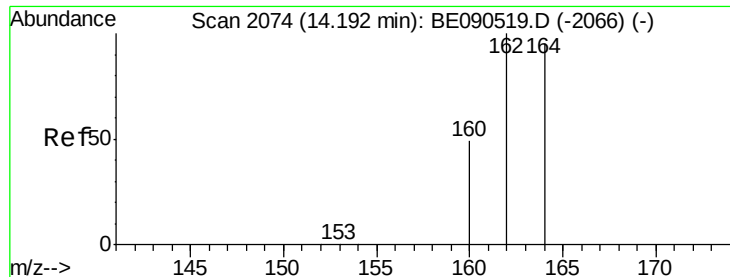


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-S

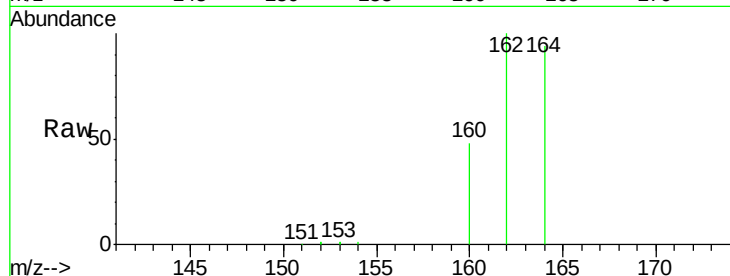
Tgt Ion:164 Resp: 52173

Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

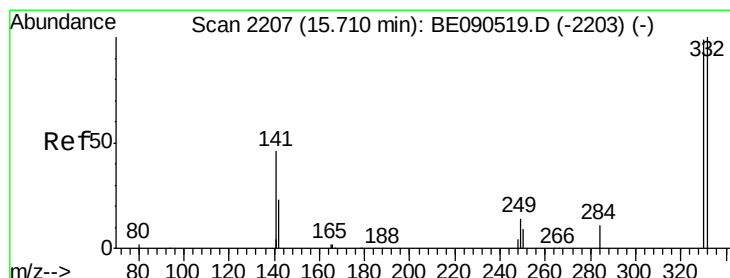
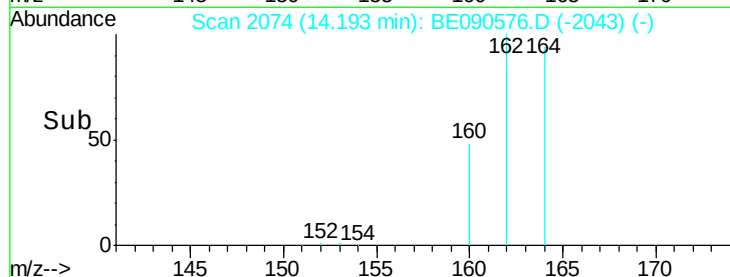
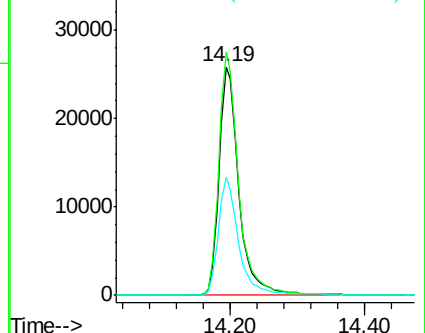
160 51.5 44.2 66.4



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: 10.23 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

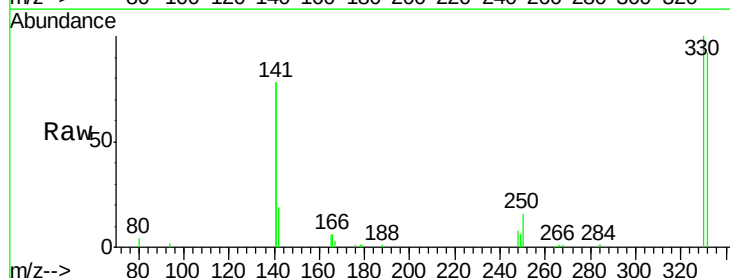
Tgt Ion:330 Resp: 20550

Ion Ratio Lower Upper

330 100

332 98.1 75.8 113.6

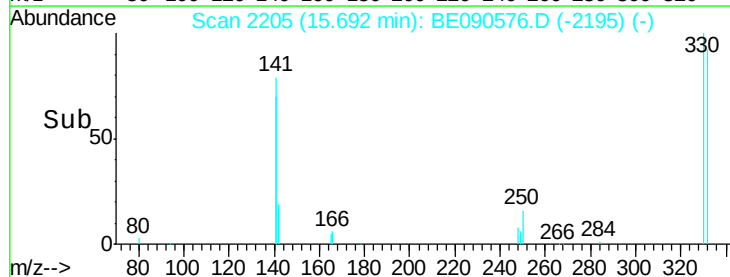
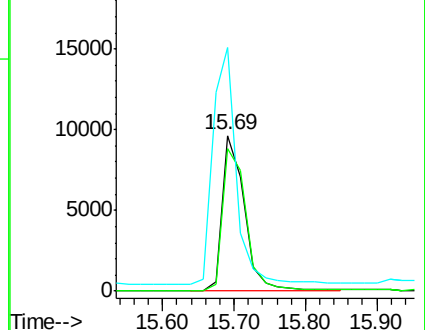
141 164.2 114.4 171.6

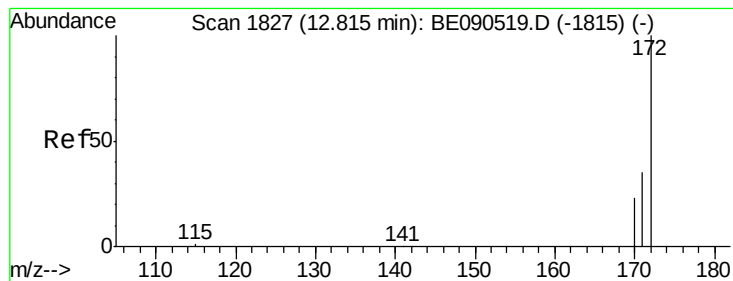


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.21 ng

RT: 12.82 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

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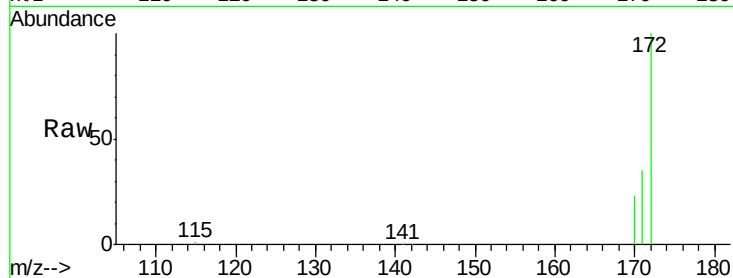
Tgt Ion:172 Resp: 49982

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

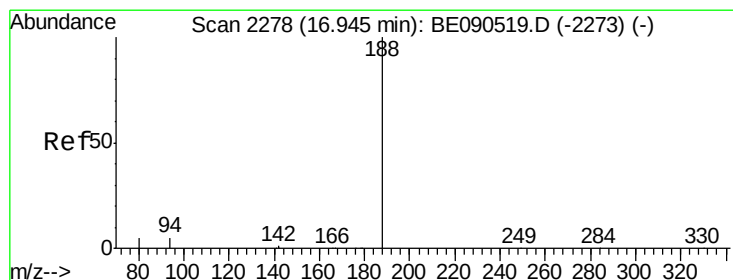
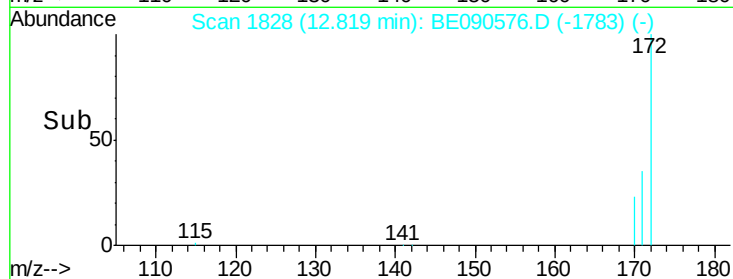
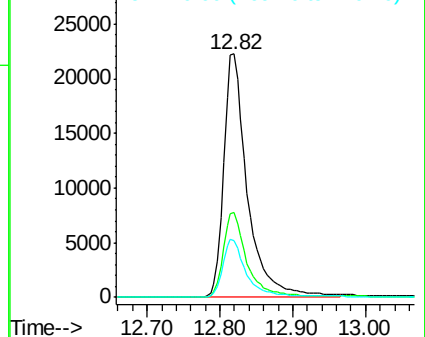
170 23.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

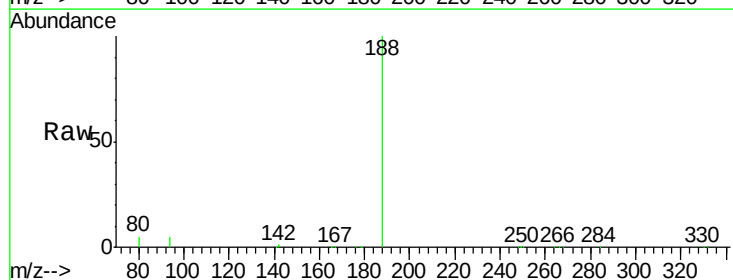
Tgt Ion:188 Resp: 132415

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

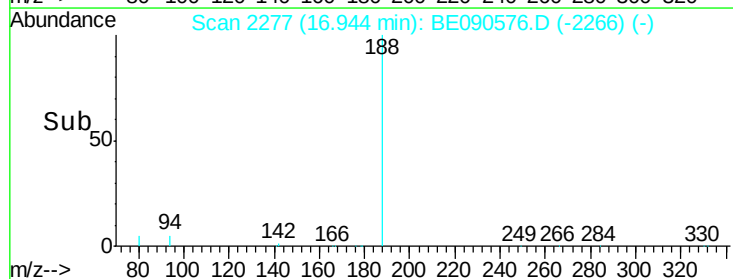
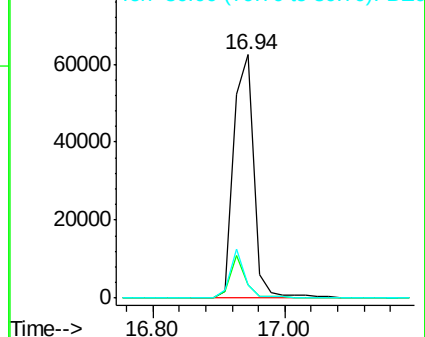
80 5.4 5.8 8.8#

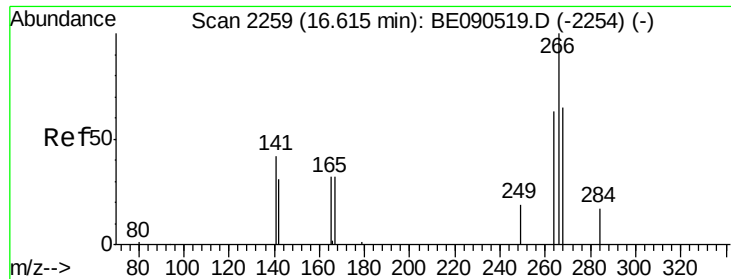


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#21

Pentachlorophenol

Concen: 0.32 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

Instrument :

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ClientSampleId :

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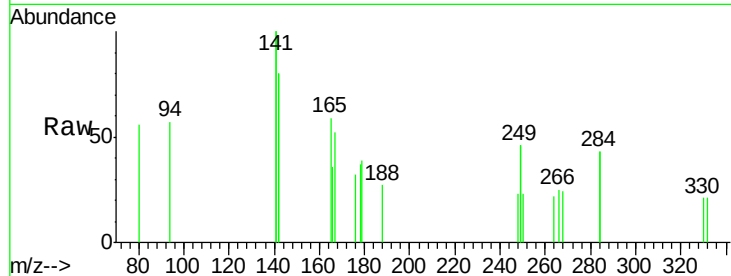
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 96.4 58.5 87.7#

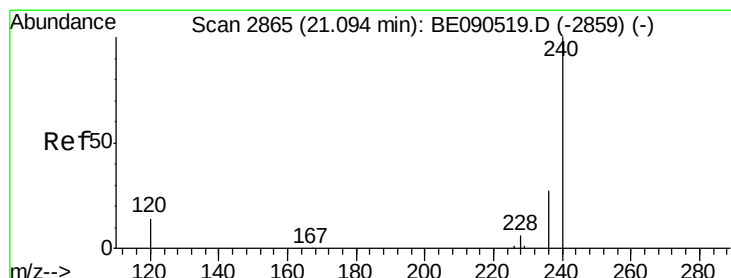
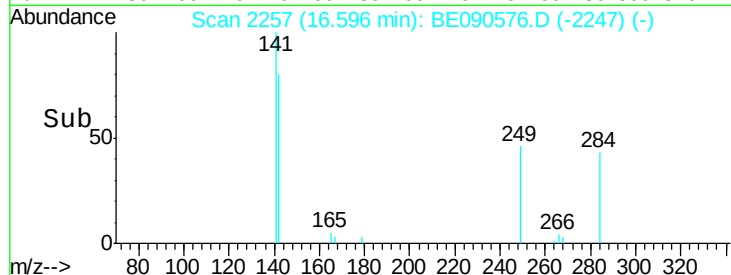
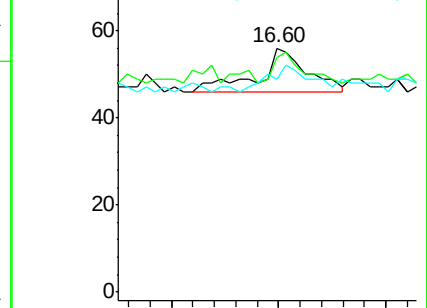
264 87.5 56.0 84.0#



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: BE090576.D

Acq: 20 Aug 2015 15:34

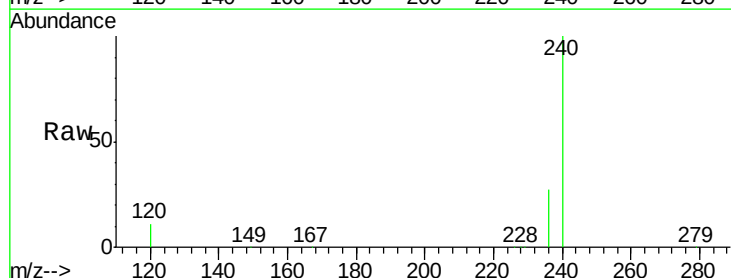
Tgt Ion:240 Resp: 148856

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

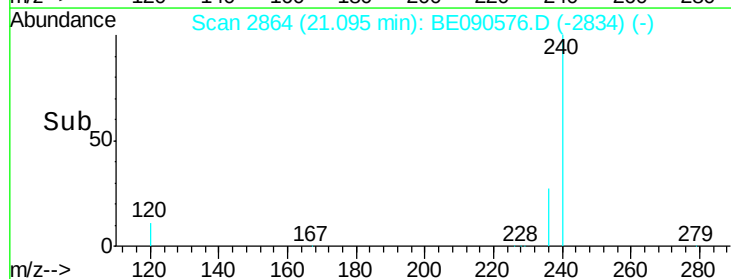
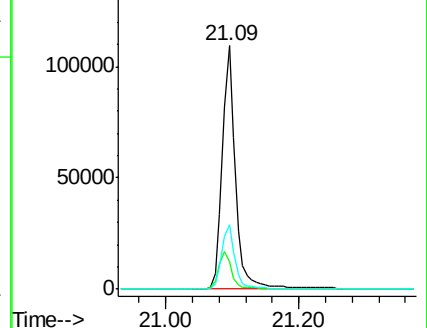
236 26.7 21.0 31.4

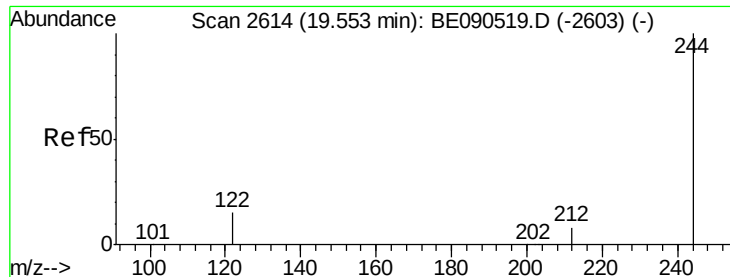


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

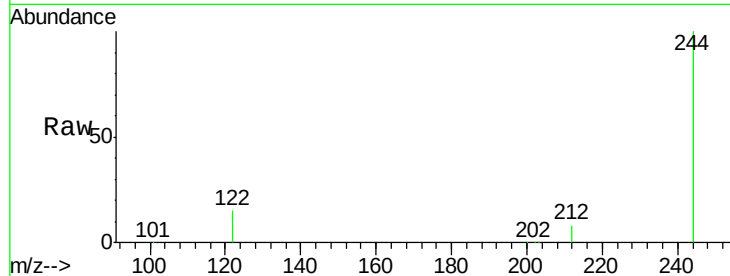




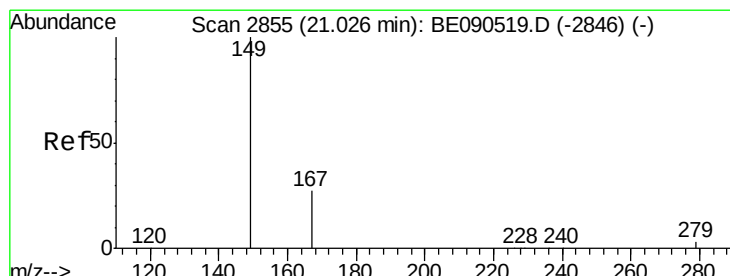
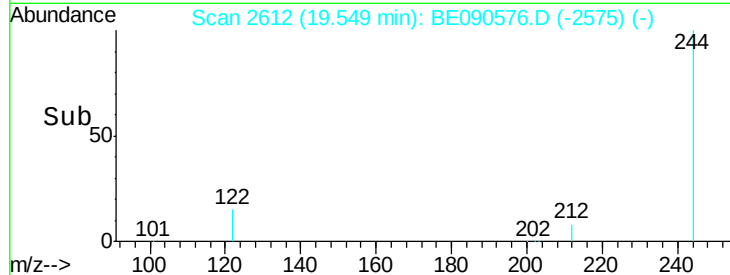
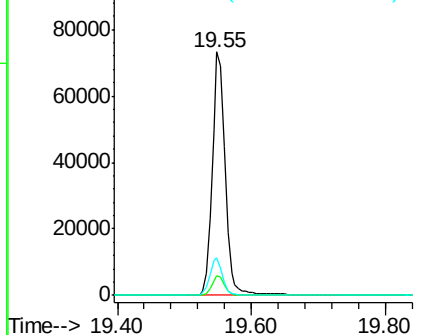
#27
 Terphenyl-d14
 Concen: 3.60 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090576.D
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Tgt Ion: 244 Resp: 98109
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 15.3 10.2 15.4

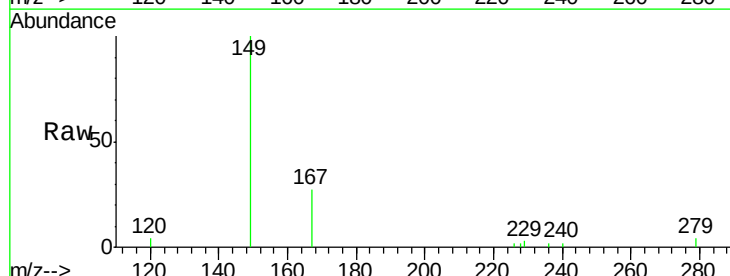


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

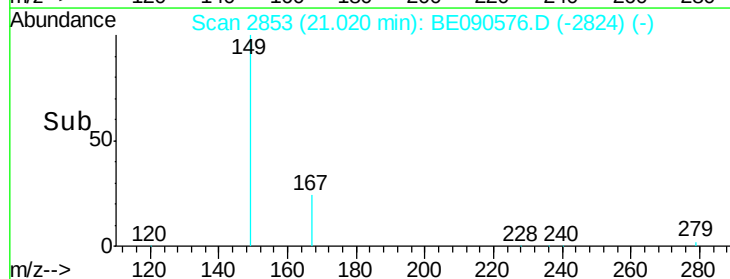
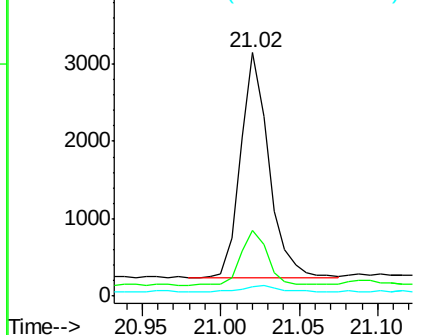


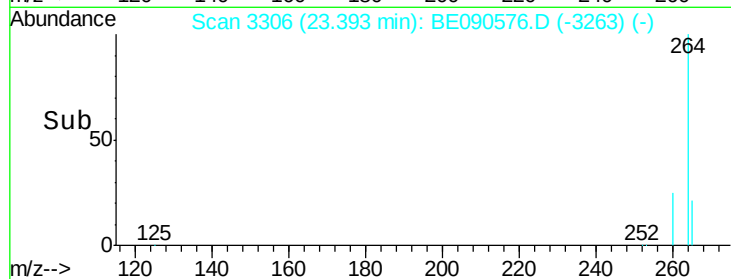
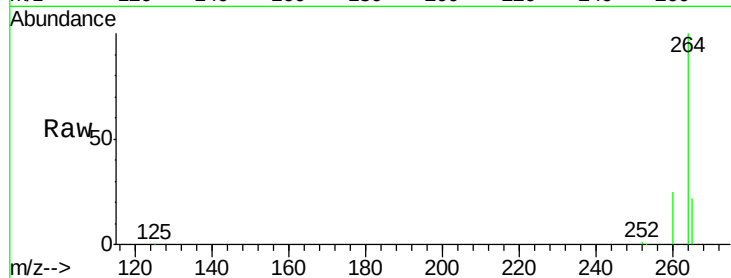
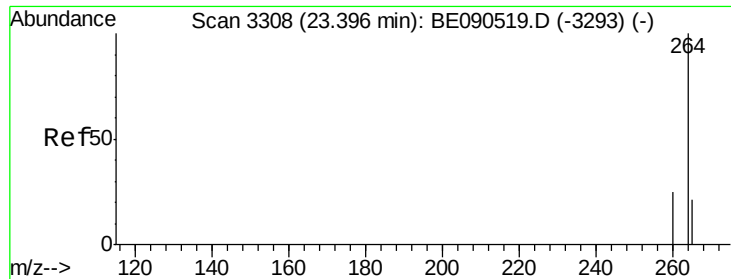
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090576.D
 Acq: 20 Aug 2015 15:34

Tgt Ion: 149 Resp: 3617
 Ion Ratio Lower Upper
 149 100
 167 23.6 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: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090576.D

Acq: 20 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-S

Tgt Ion:264 Resp: 137531

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 22.0 17.2 25.8

