

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090171.D
 Acq On : 18 Jul 2015 7:48
 Operator : TP/IZ
 Sample : G3009-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-01-071515

Quant Time: Jul 20 04:58:34 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

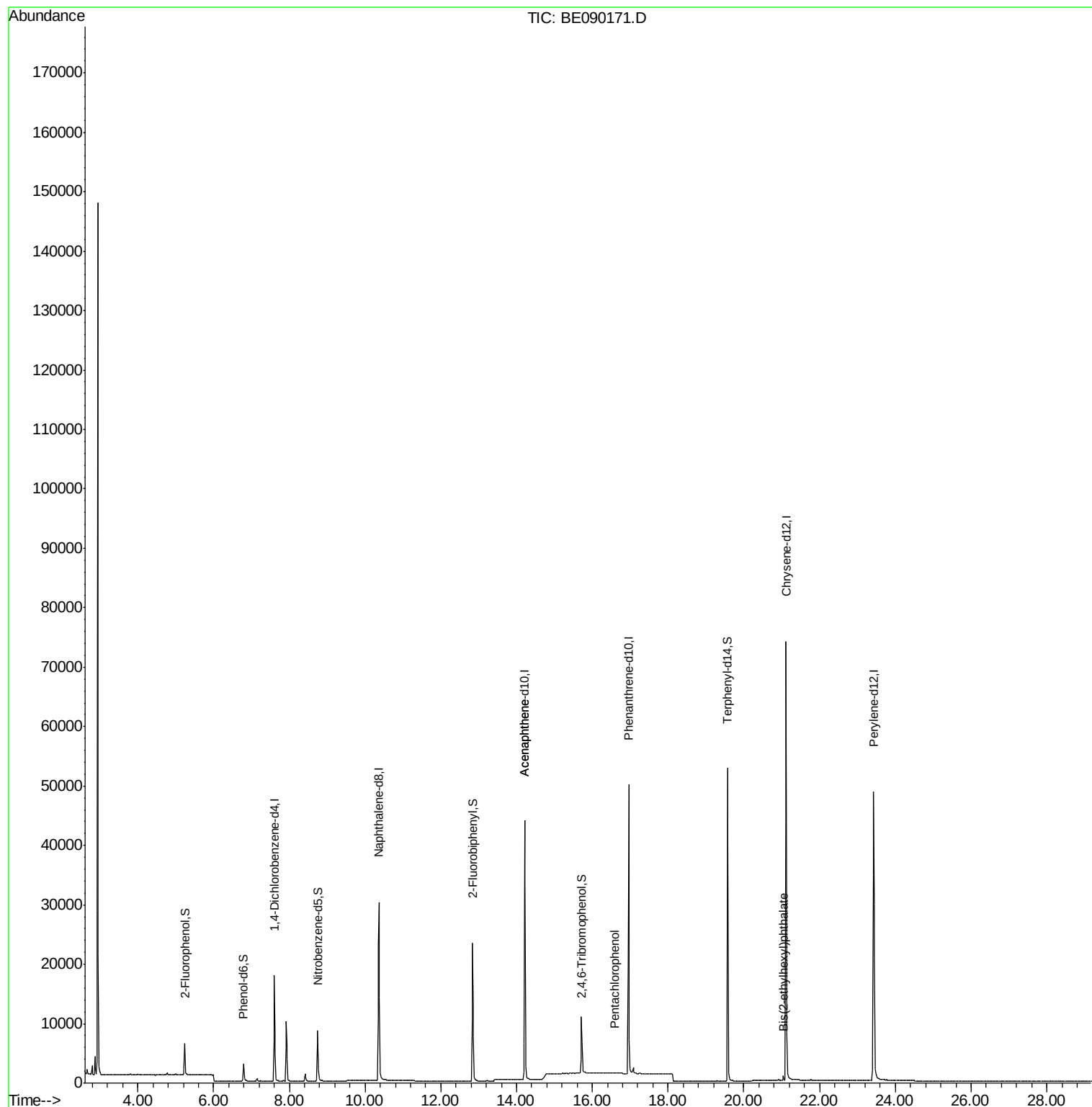
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	9113	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	43557	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	24931	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	64111	5.00	ng	0.00
25) Chrysene-d12	21.11	240	69622	5.00	ng	0.00
32) Perylene-d12	23.43	264	68429	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4539	2.12	ng	0.00
5) Phenol-d6	6.79	99	3634	1.32	ng	0.00
7) Nitrobenzene-d5	8.75	82	8608	2.98	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	3606	6.12	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	23227	3.16	ng	0.00
27) Terphenyl-d14	19.57	244	53422	4.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	22	Below Cal	#	29
16) Acenaphthene	14.22	154	128	0.02 ng	#	1
21) Pentachlorophenol	16.60	266	5	0.30 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.05	149	732	0.09 ng		99

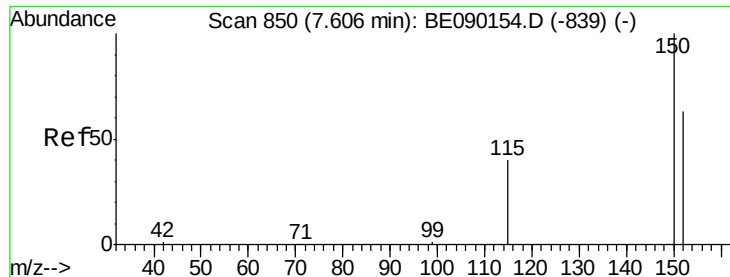
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

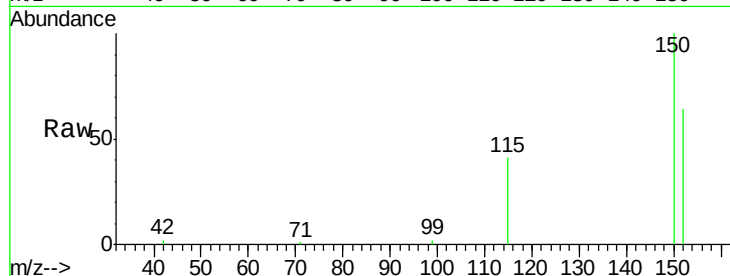
Tgt Ion: 152 Resp: 9113

Ion Ratio Lower Upper

152 100

150 157.1 127.2 190.8

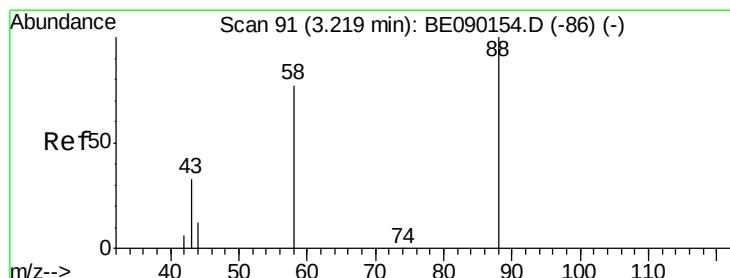
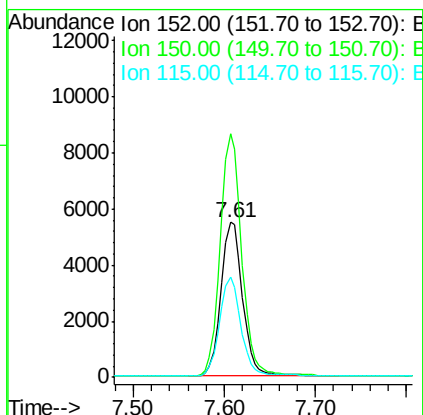
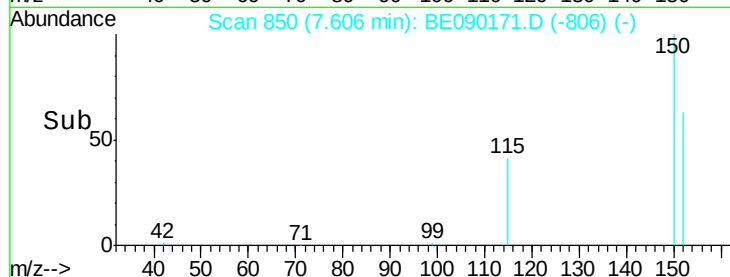
115 64.8 51.6 77.4



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: 3.35 min Scan# 110

Delta R.T. 0.13 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

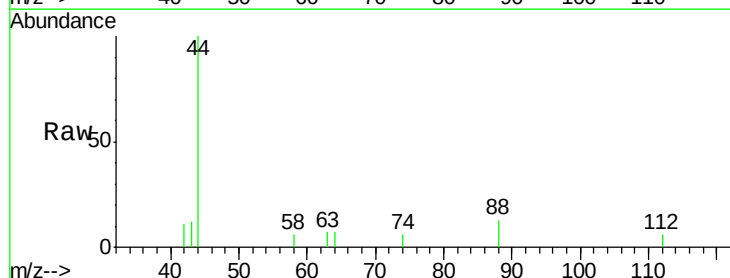
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

58 9.1 58.2 87.2#

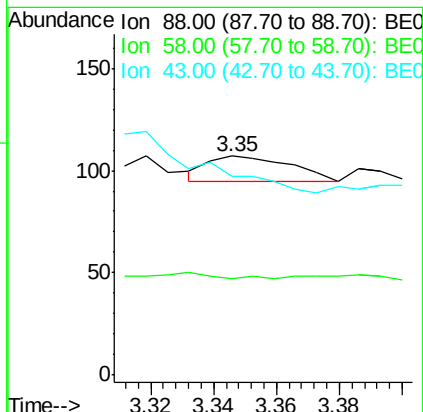
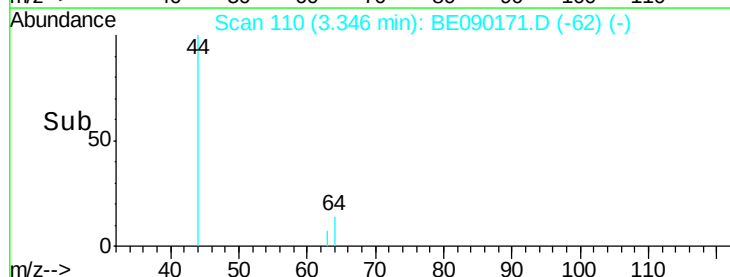
43 0.0 27.7 41.5#

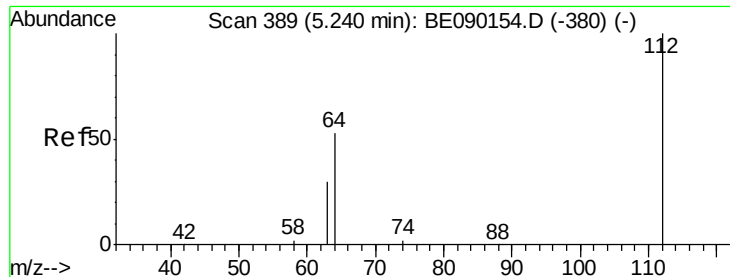


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.12 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

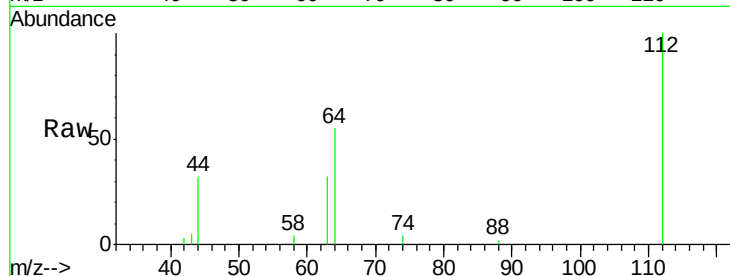
Tgt Ion: 112 Resp: 4539

Ion Ratio Lower Upper

112 100

64 58.4 46.7 70.1

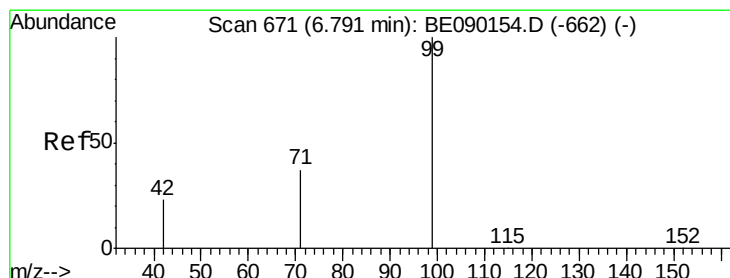
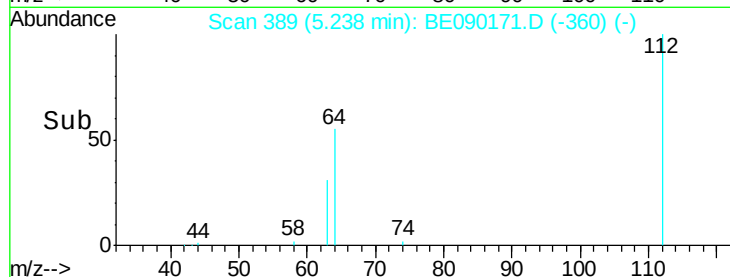
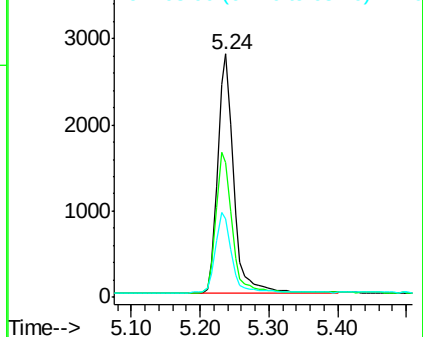
63 33.5 27.3 40.9



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: 1.32 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

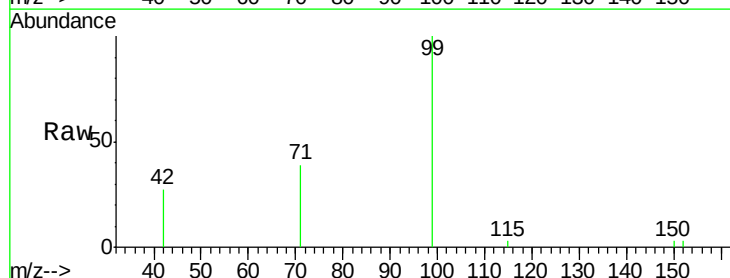
Tgt Ion: 99 Resp: 3634

Ion Ratio Lower Upper

99 100

42 23.9 19.1 28.7

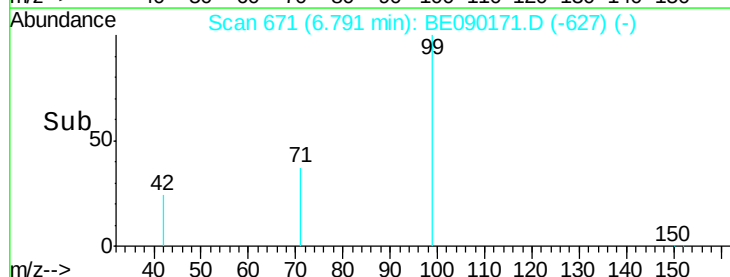
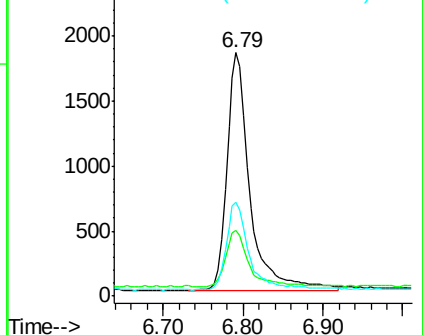
71 37.3 29.4 44.2

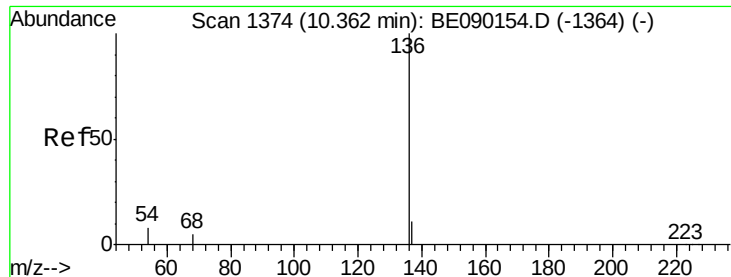


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

Tgt Ion:136 Resp: 43557

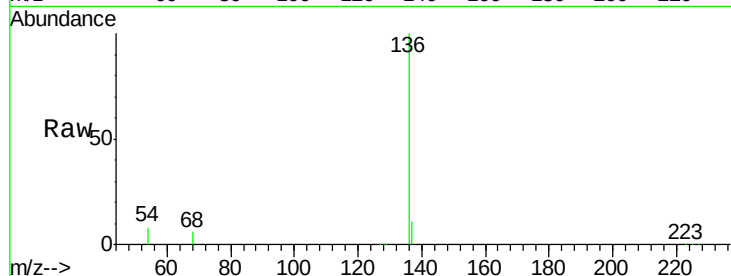
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.3 9.5

68 5.5 4.3 6.5

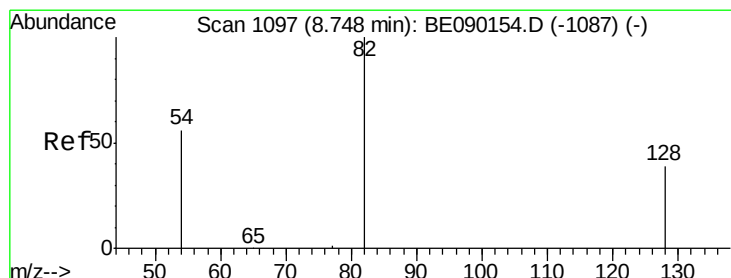
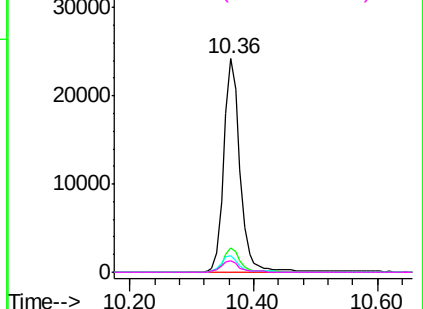
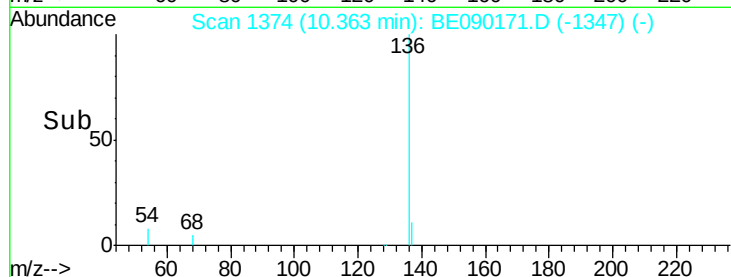


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.98 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

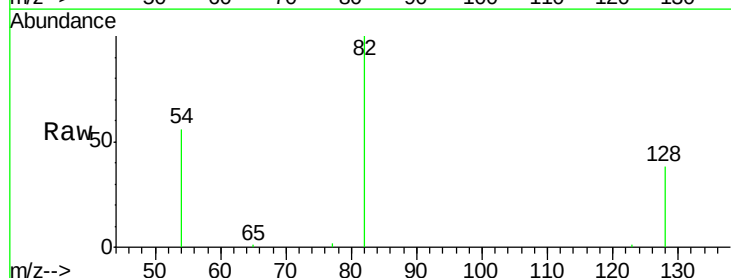
Tgt Ion: 82 Resp: 8608

Ion Ratio Lower Upper

82 100

128 37.9 32.7 49.1

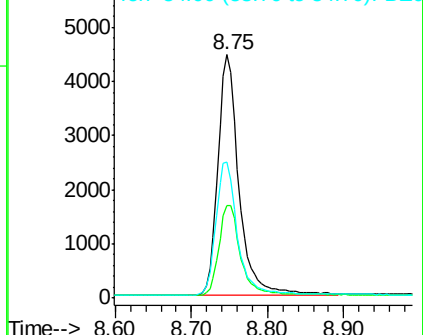
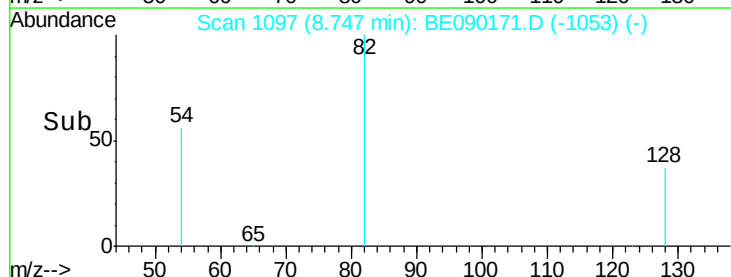
54 56.1 45.9 68.9

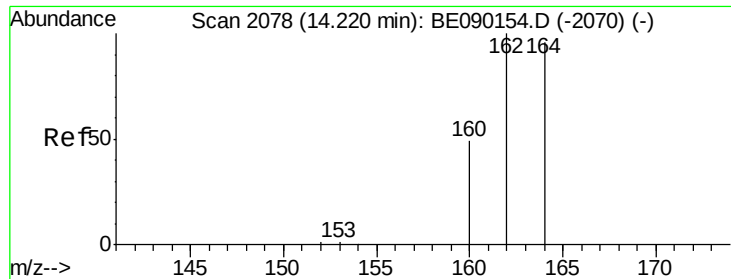


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

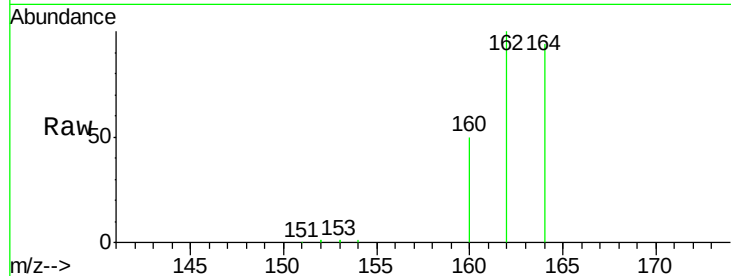
Tgt Ion:164 Resp: 24931

Ion Ratio Lower Upper

164 100

162 106.7 83.3 124.9

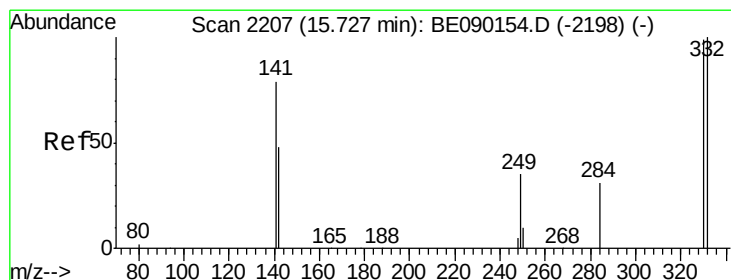
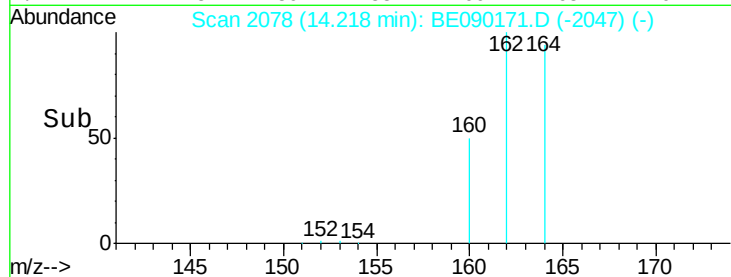
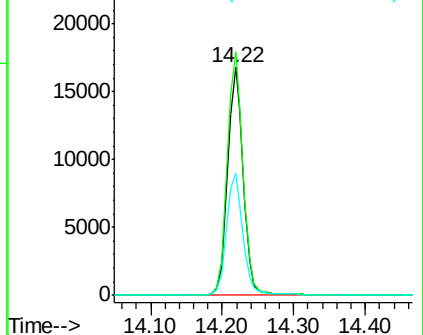
160 53.3 40.9 61.3



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: 6.12 ng

RT: 15.73 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

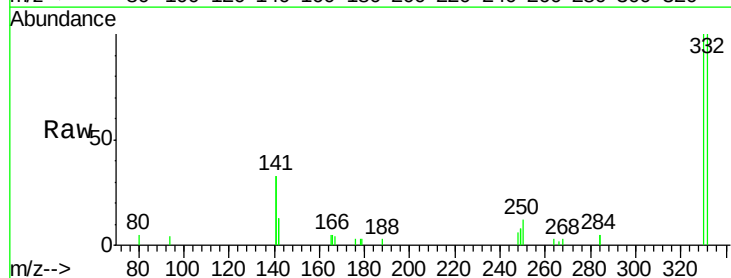
Tgt Ion:330 Resp: 3606

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

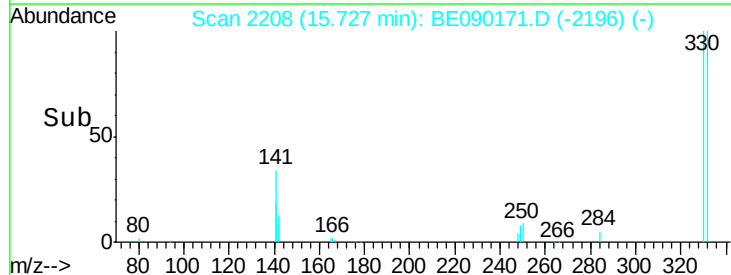
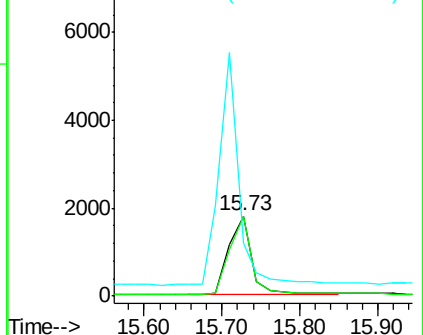
141 257.0 215.8 323.6

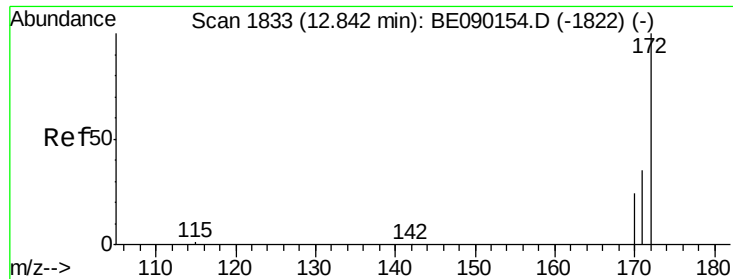


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

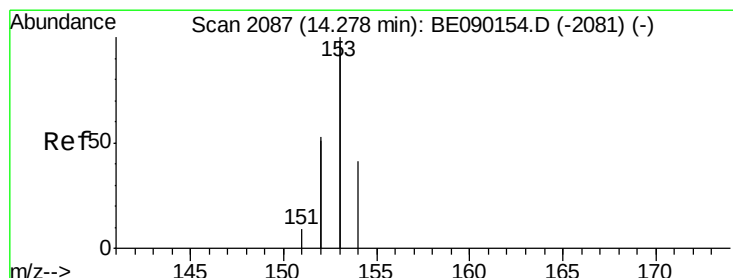
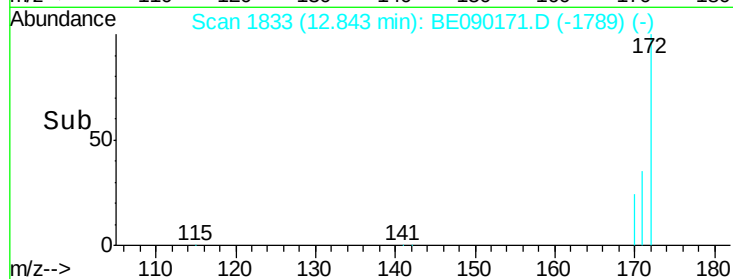
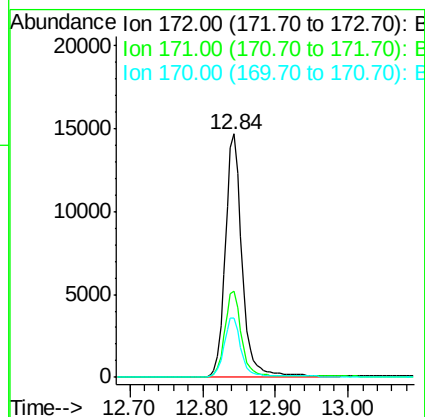
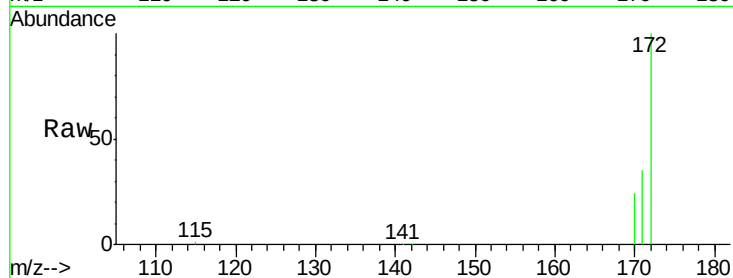




#14
2-Fluorobiphenyl
Concen: 3.16 ng
RT: 12.84 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BE090171.D
Acq: 18 Jul 2015 7:48

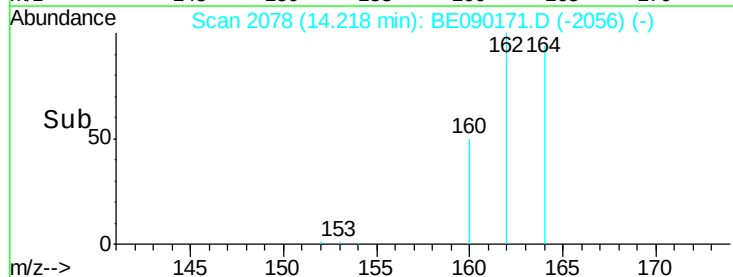
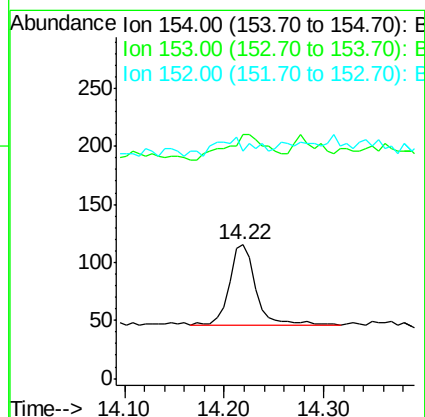
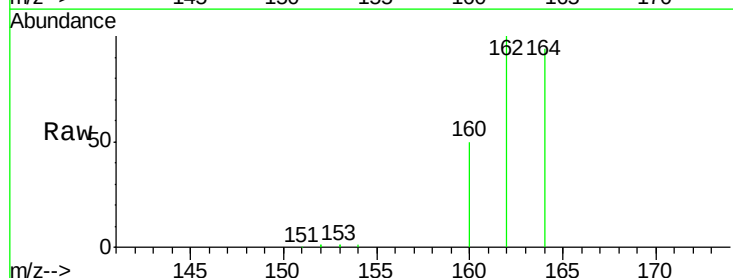
Instrument :
BNA_E
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FB-01-071515

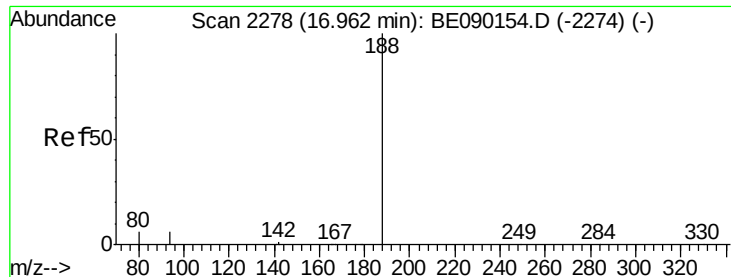
Tgt Ion:172 Resp: 23227
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 19.7 29.5



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.06 min
Lab File: BE090171.D
Acq: 18 Jul 2015 7:48

Tgt Ion:154 Resp: 128
Ion Ratio Lower Upper
154 100
153 48.4 376.9 565.3#
152 30.5 199.0 298.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

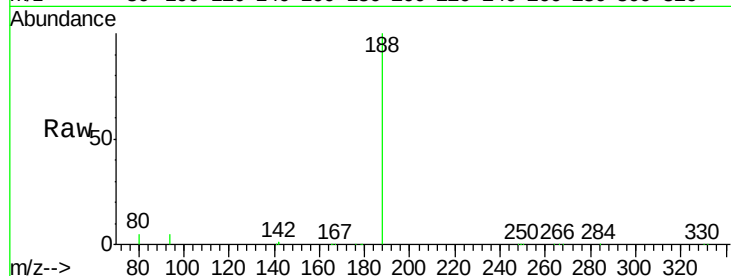
Tgt Ion:188 Resp: 64111

Ion Ratio Lower Upper

188 100

94 5.2 4.6 7.0

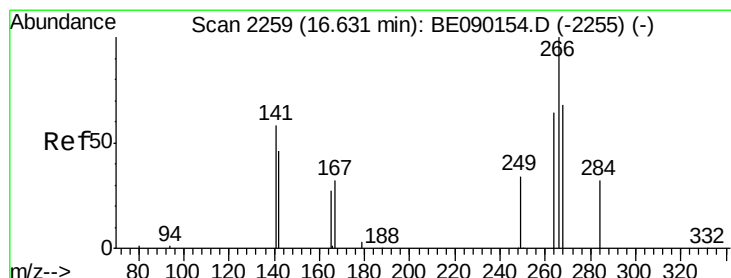
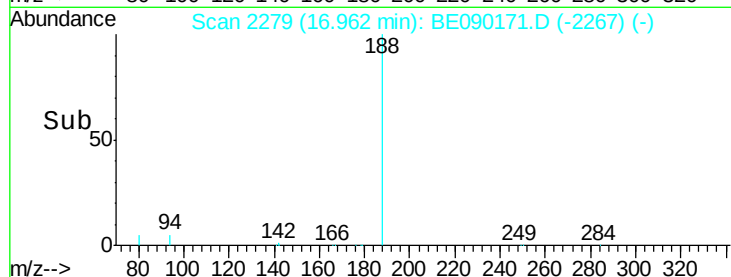
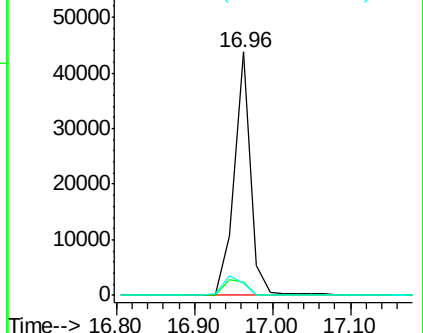
80 5.1 4.6 6.8



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: 0.30 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.03 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

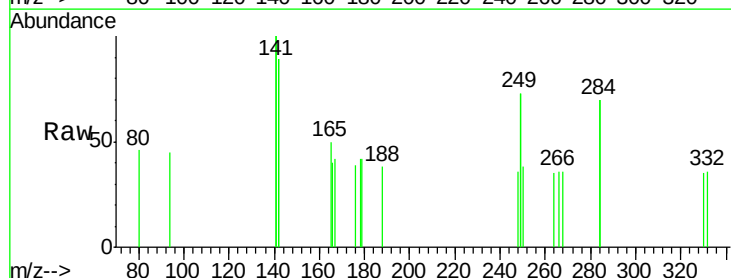
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

268 100.0 58.2 87.4#

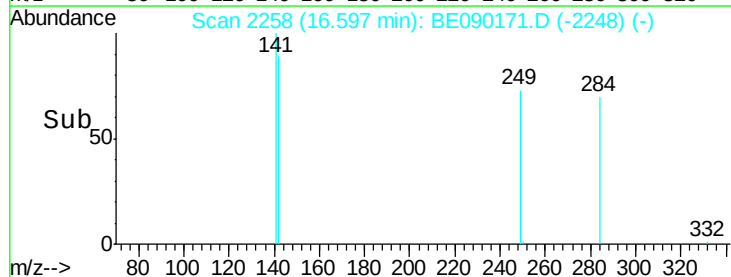
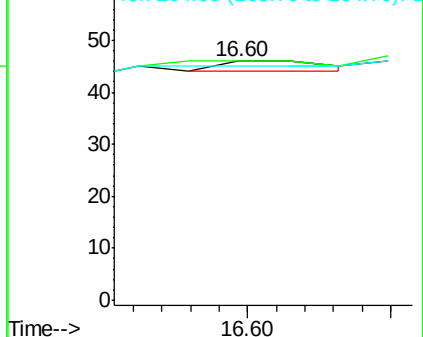
264 97.8 55.0 82.4#

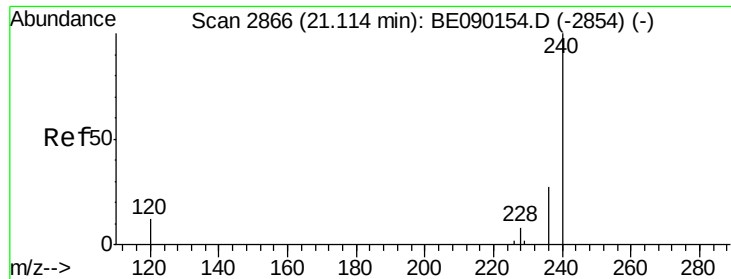


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.11 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE090171.D

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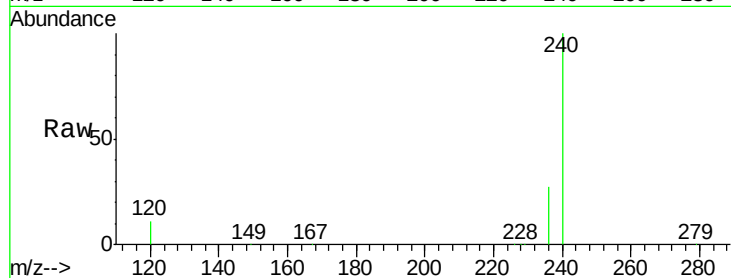
Tgt Ion:240 Resp: 69622

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.0

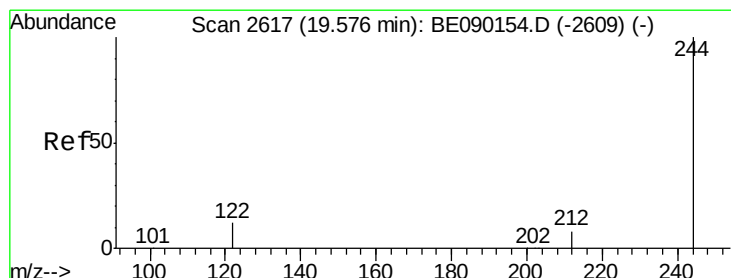
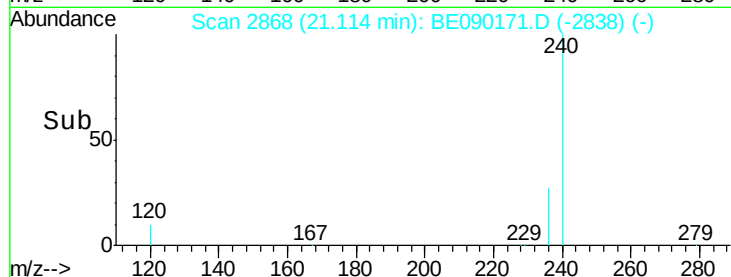
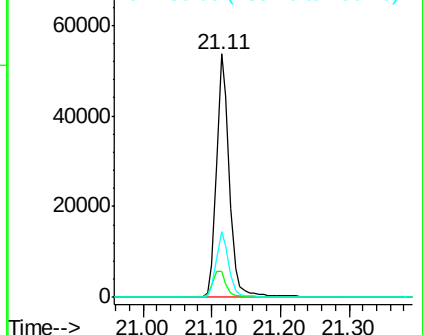
236 26.9 21.8 32.8



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: 4.59 ng

RT: 19.57 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

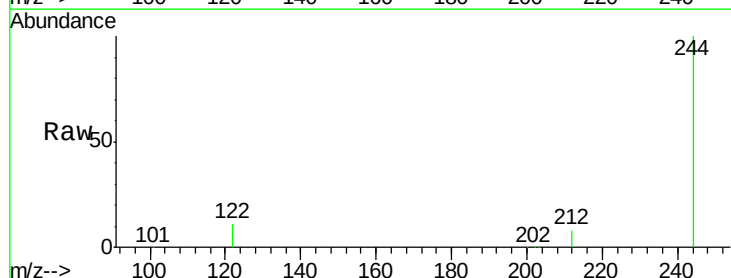
Tgt Ion:244 Resp: 53422

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

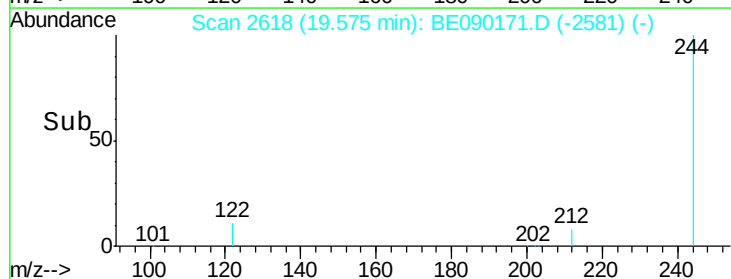
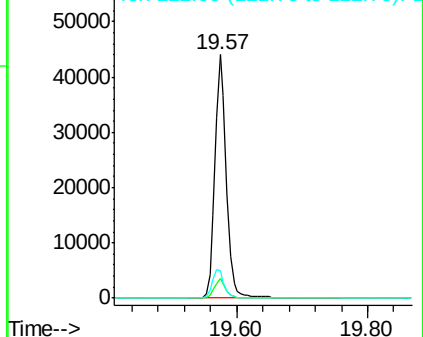
122 11.4 9.8 14.6

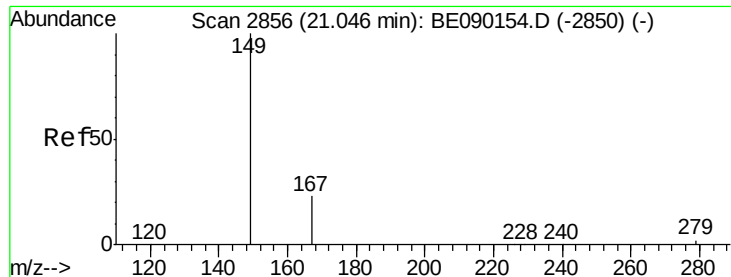


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

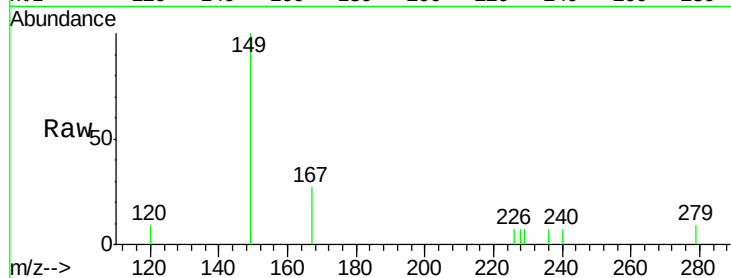
Tgt Ion:149 Resp: 732

Ion Ratio Lower Upper

149 100

167 23.9 18.6 28.0

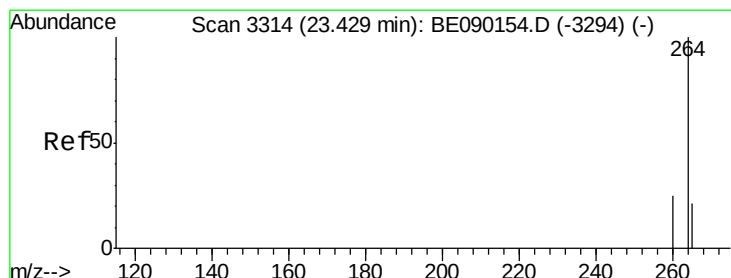
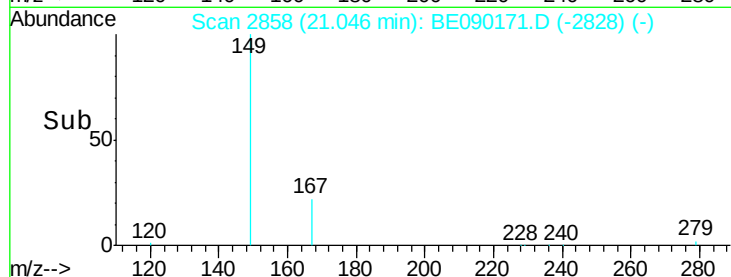
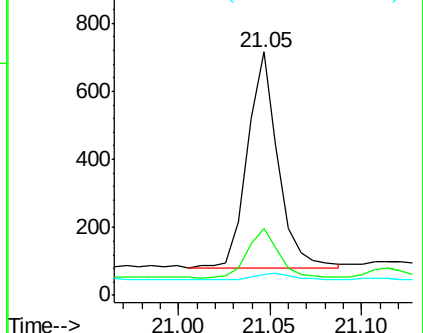
279 3.0 2.2 3.4



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: 23.43 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BE090171.D

Acq: 18 Jul 2015 7:48

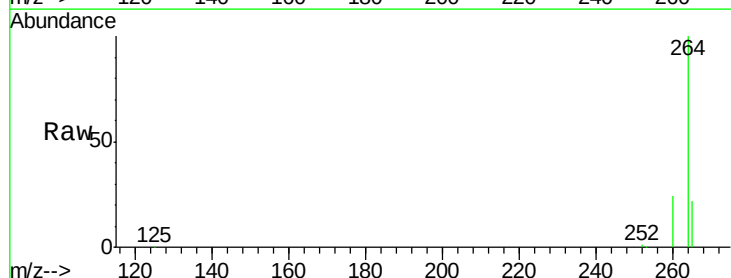
Tgt Ion:264 Resp: 68429

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.9 17.4 26.2



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

