

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090853.D
 Acq On : 16 Sep 2015 20:38
 Operator : UM/IZ
 Sample : G3678-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091415-D549-E-U-M

Quant Time: Sep 17 01:38:43 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

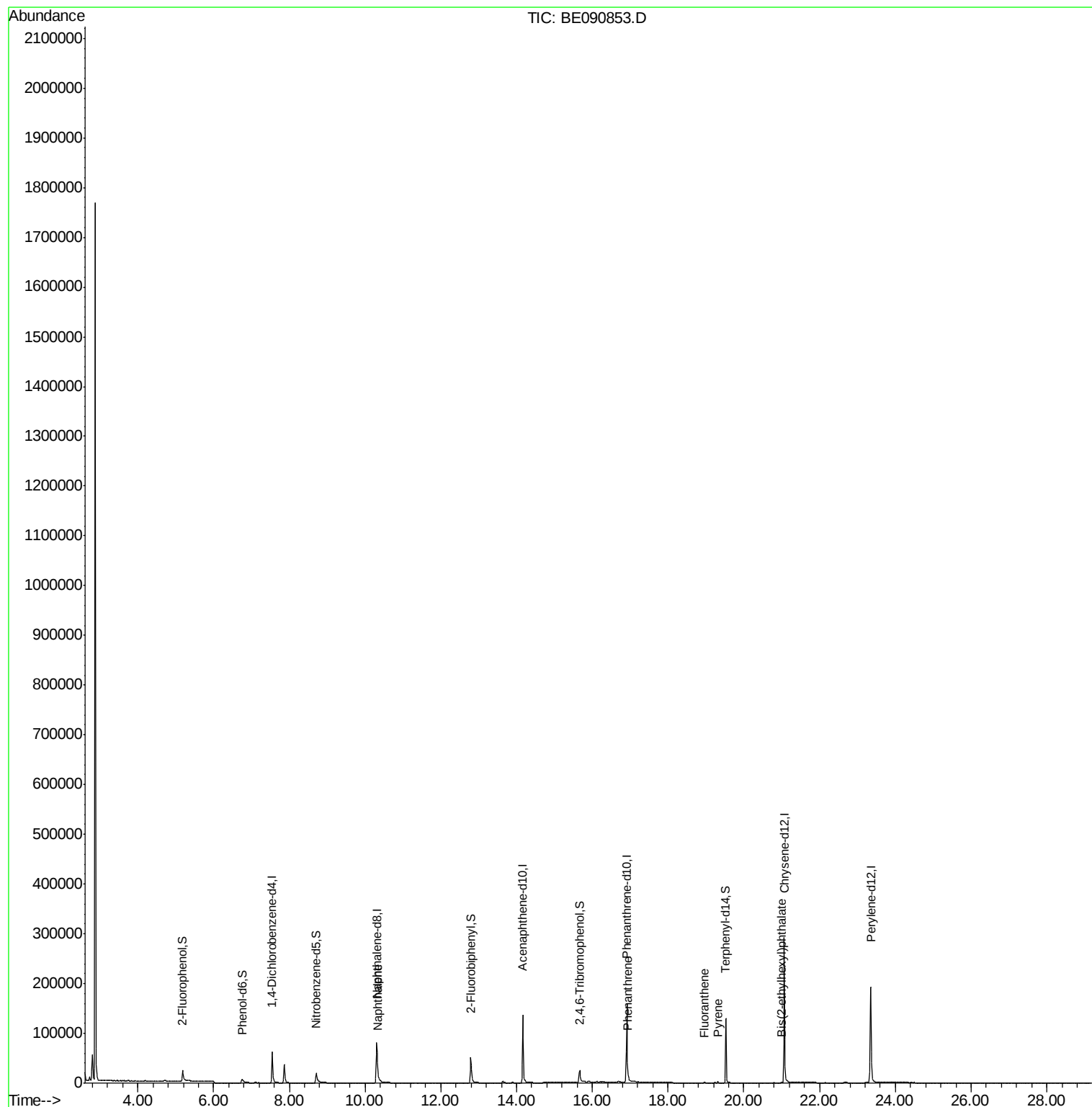
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38225	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	166483	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	88301	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	224465	5.00	ng	0.00
25) Chrysene-d12	21.07	240	286484	5.00	ng	0.00
32) Perylene-d12	23.35	264	271048	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	24192	3.26	ng	0.00
5) Phenol-d6	6.75	99	19162	1.80	ng	0.00
7) Nitrobenzene-d5	8.71	82	36583	3.33	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	15235	5.92	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	80802	3.30	ng	0.00
27) Terphenyl-d14	19.53	244	144608	4.56	ng	-0.01
Target Compounds						
9) Naphthalene	10.35	128	1577	0.04	ng	# 79
22) Phenanthrene	16.94	178	7701	0.14	ng	97
24) Fluoranthene	18.96	202	1864	0.03	ng	# 96
26) Pyrene	19.32	202	2538	0.04	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	1939	0.18	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: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

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ClientSampleId :

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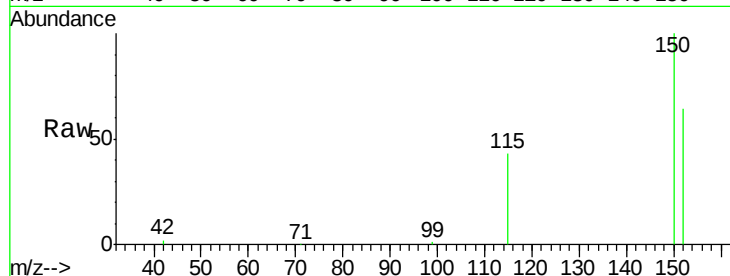
Tot Ion:152 Resp: 38225

Ion Ratio Lower Upper

152 100

150 156.1 122.2 183.4

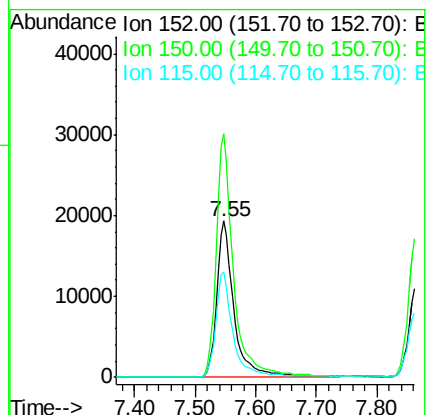
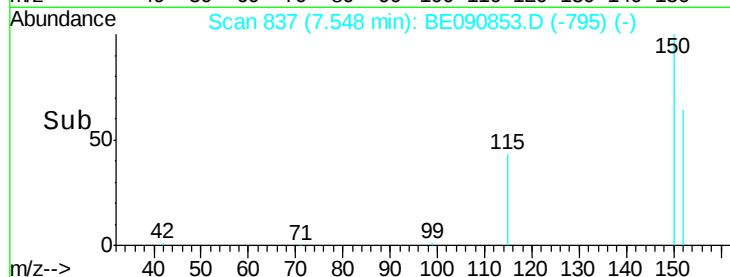
115 67.7 51.0 76.4



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



#4

2-Fluorophenol

Concen: 3.26 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

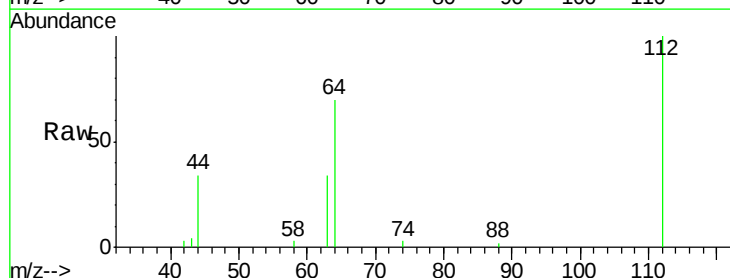
Tgt Ion:112 Resp: 24192

Ion Ratio Lower Upper

112 100

64 73.0 57.3 85.9

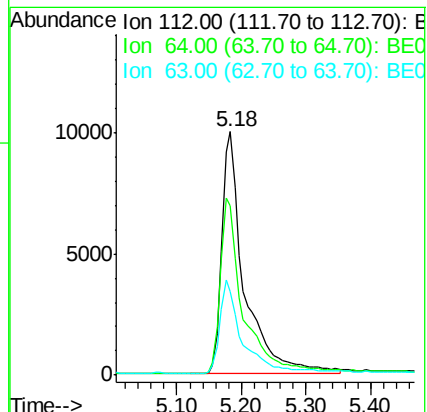
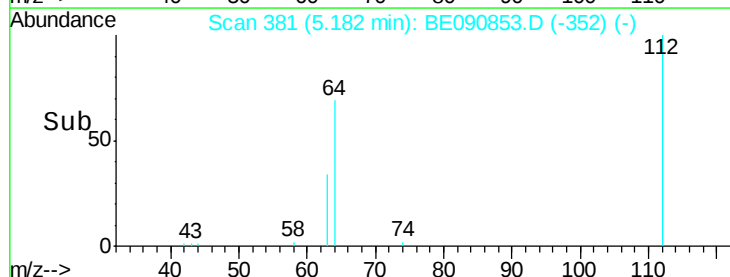
63 37.8 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.80 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

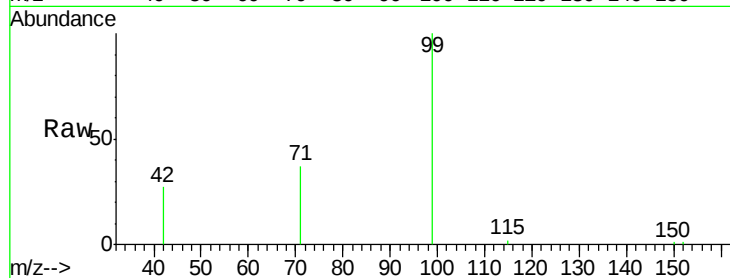
Tot Ion: 99 Resp: 19162

Ion Ratio Lower Upper

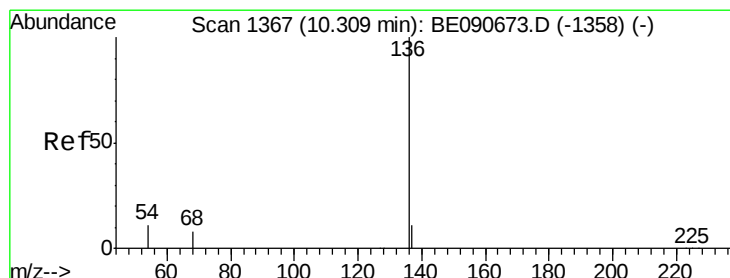
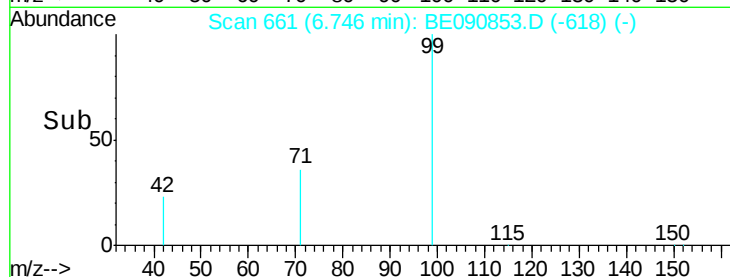
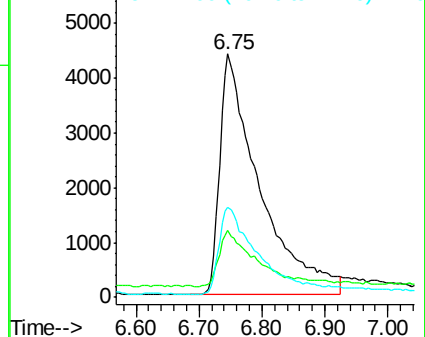
99 100

42 21.1 16.8 25.2

71 35.7 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Tgt Ion: 136 Resp: 166483

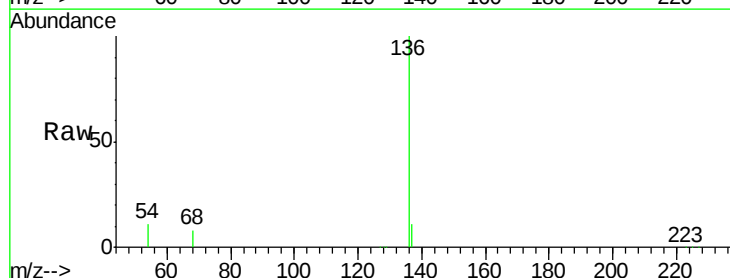
Ion Ratio Lower Upper

136 100

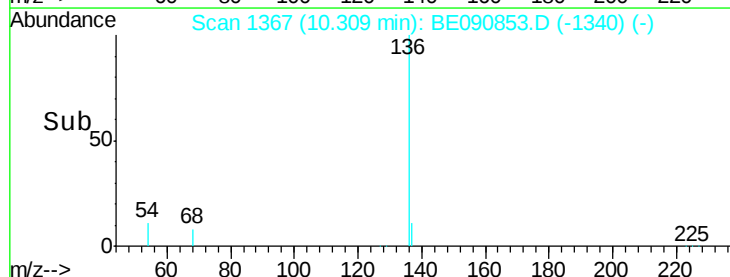
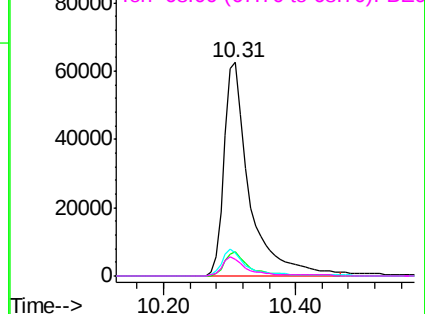
137 11.1 8.7 13.1

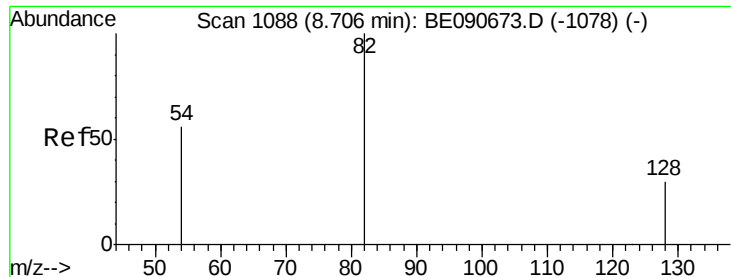
54 10.9 9.0 13.6

68 7.8 6.3 9.5



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: 3.33 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

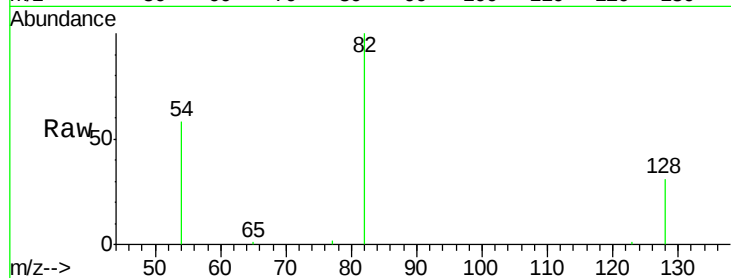
Tot Ion: 82 Resp: 36583

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

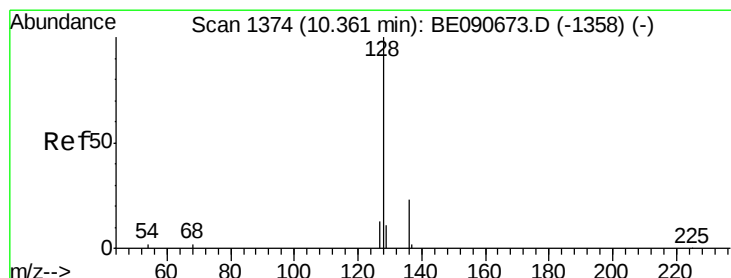
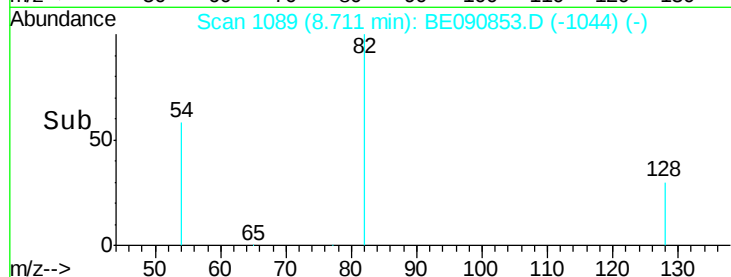
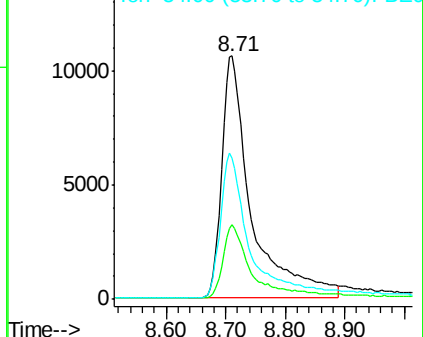
54 58.0 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090853.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090853.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090853.D (-1044) (-)



#9

Naphthalene

Concen: 0.04 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

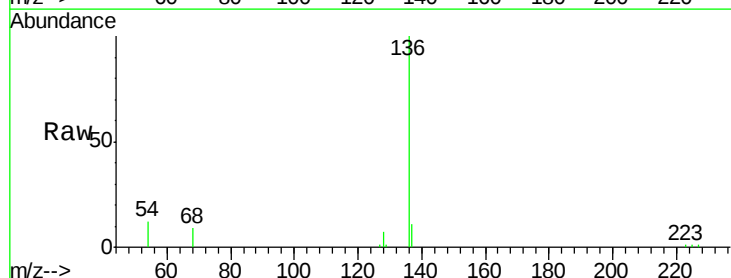
Tgt Ion: 128 Resp: 1577

Ion Ratio Lower Upper

128 100

129 20.4 9.0 13.6#

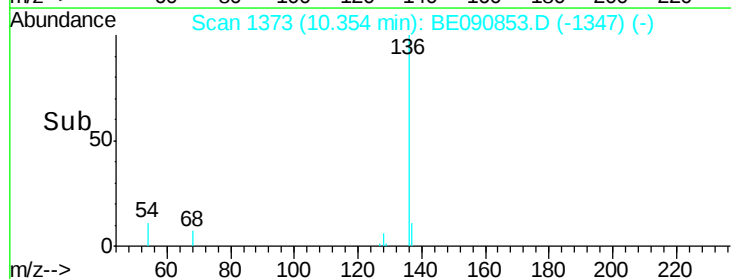
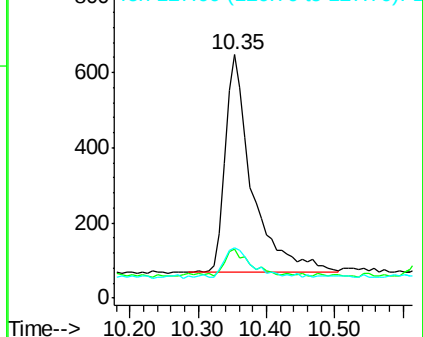
127 20.5 10.6 15.8#

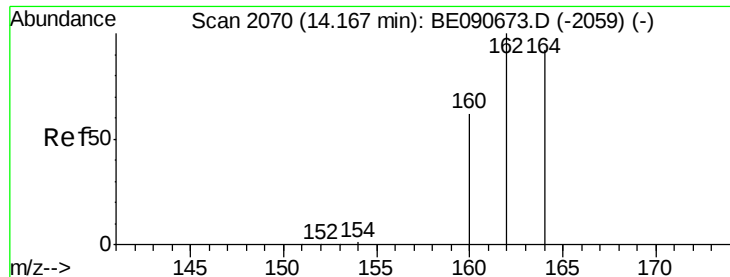


Abundance Ion 128.00 (127.70 to 128.70): BE090853.D (-1347) (-)

Ion 129.00 (128.70 to 129.70): BE090853.D (-1347) (-)

Ion 127.00 (126.70 to 127.70): BE090853.D (-1347) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

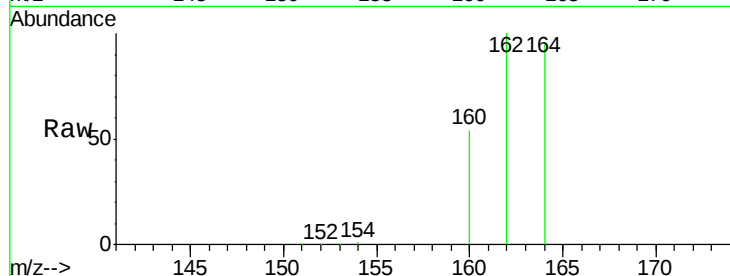
Tot Ion:164 Resp: 88301

Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

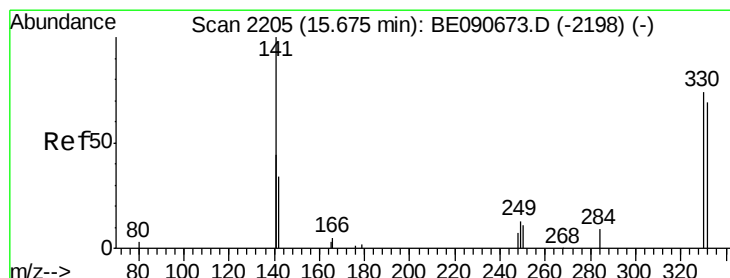
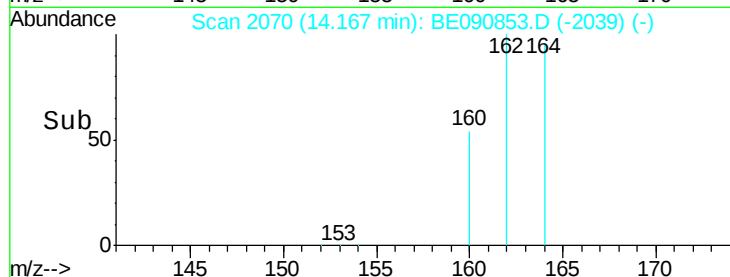
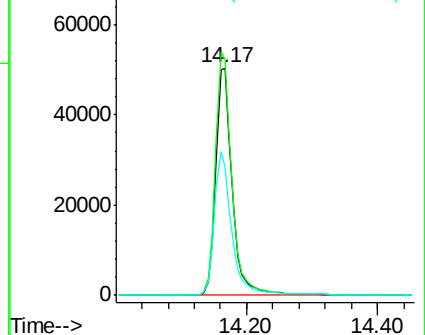
160 56.6 53.9 80.9



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: 5.92 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

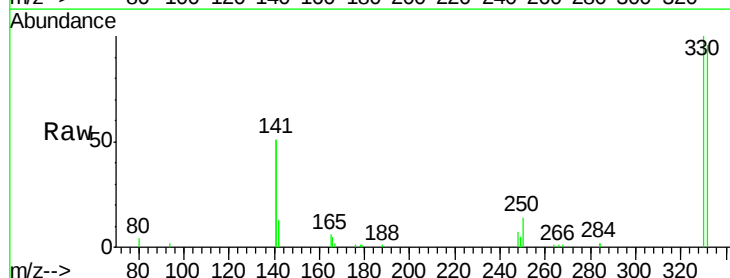
Tgt Ion:330 Resp: 15235

Ion Ratio Lower Upper

330 100

332 96.2 74.9 112.3

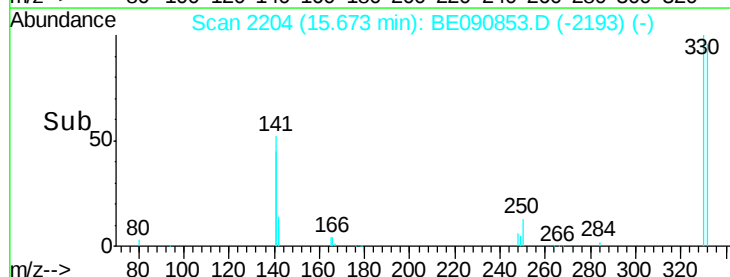
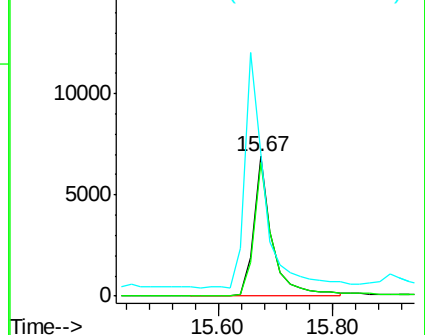
141 181.7 145.2 217.8

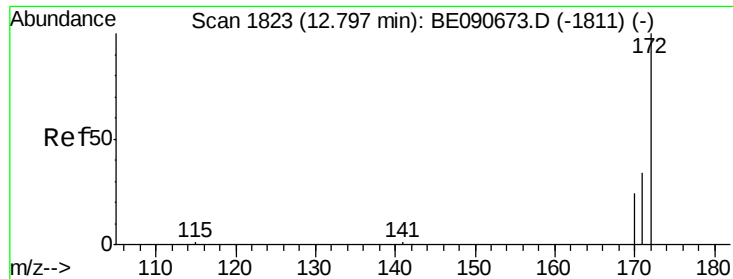


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

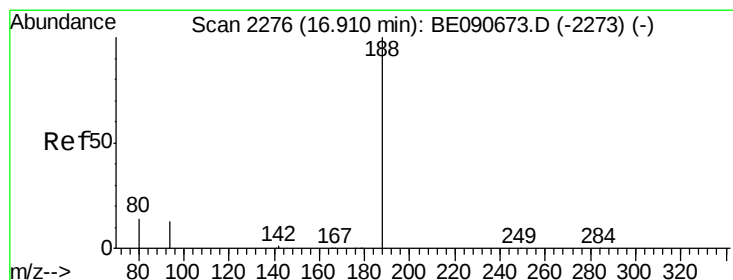
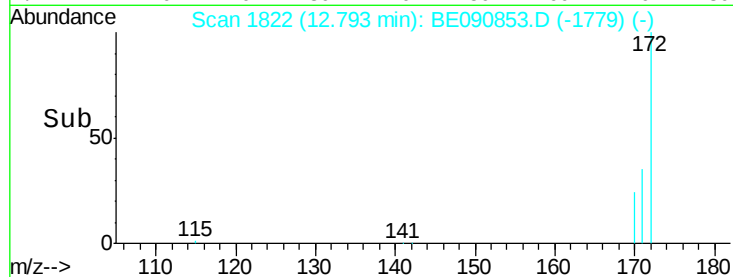
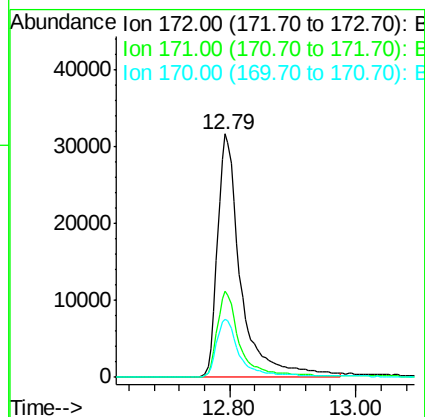
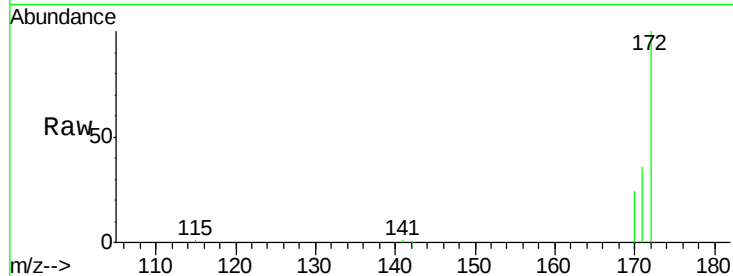




#14
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090853.D
Acq: 16 Sep 2015 20:38

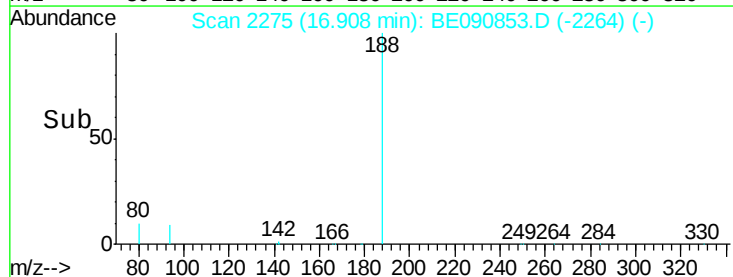
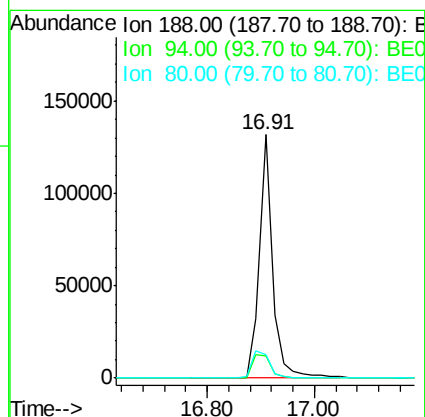
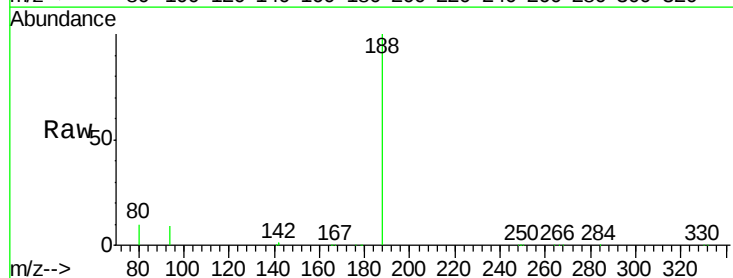
Instrument :
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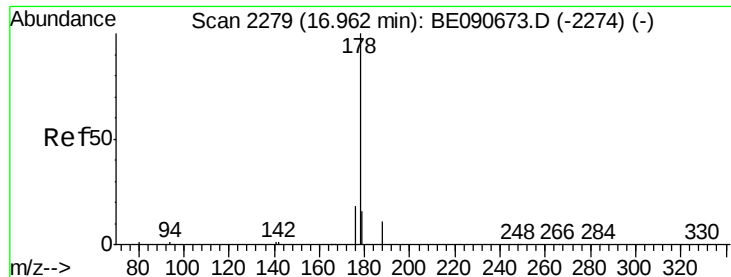
Tot Ion:172 Resp: 80802
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090853.D
Acq: 16 Sep 2015 20:38

Tgt Ion:188 Resp: 224465
Ion Ratio Lower Upper
188 100
94 8.9 10.3 15.5#
80 9.8 11.0 16.6#





#22

Phenanthrene

Concen: 0.14 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

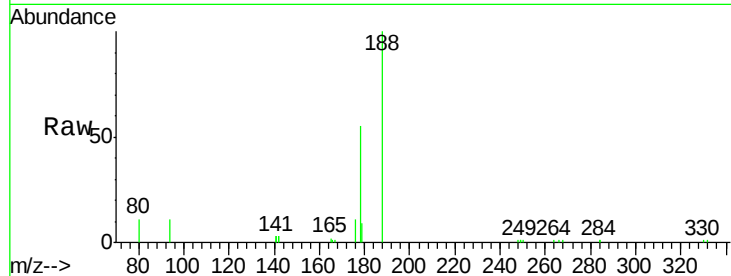
Tot Ion:178 Resp: 7701

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

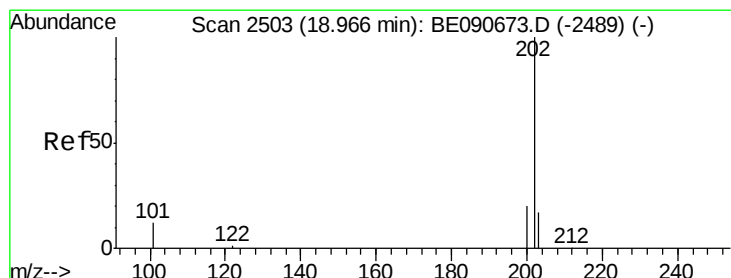
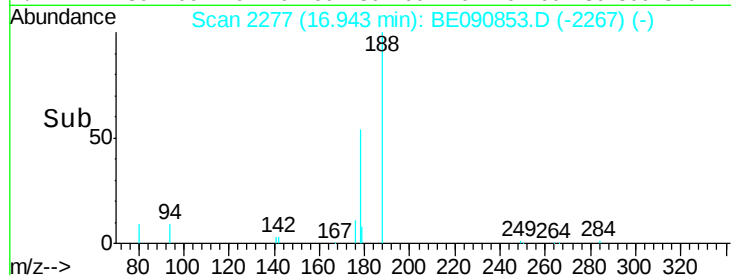
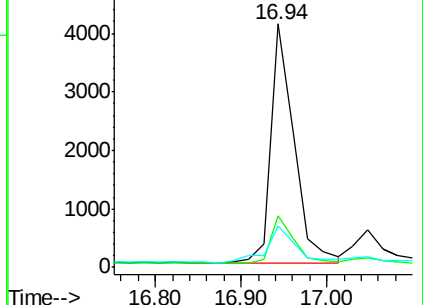
179 18.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.03 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

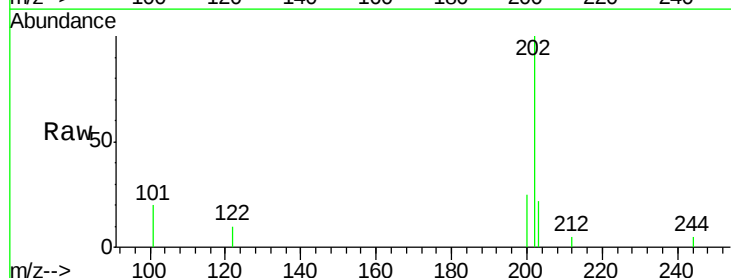
Tgt Ion:202 Resp: 1864

Ion Ratio Lower Upper

202 100

101 17.1 11.0 16.6#

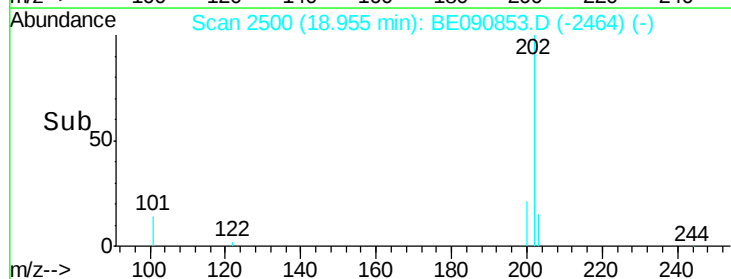
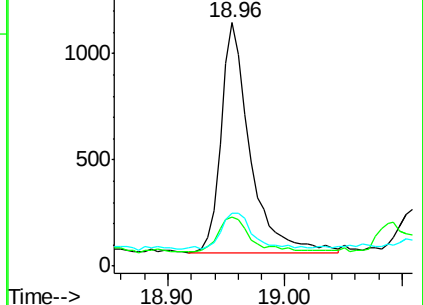
203 17.0 13.9 20.9

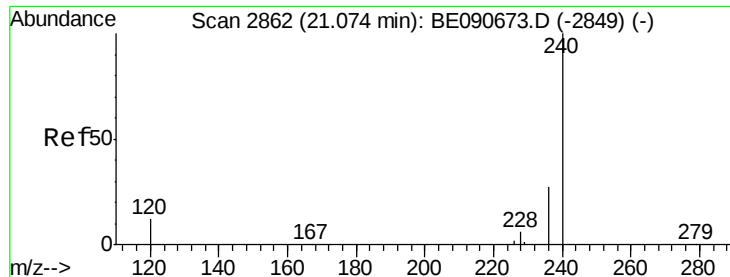


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090853.D

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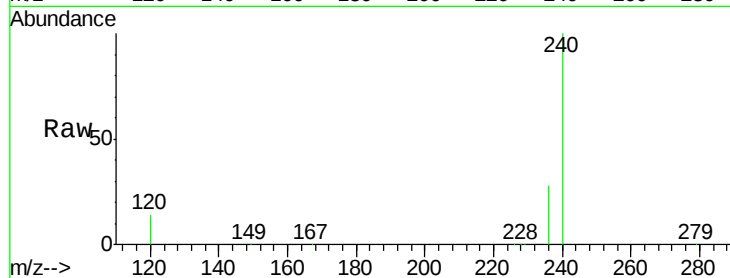
Tot Ion:240 Resp: 286484

Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

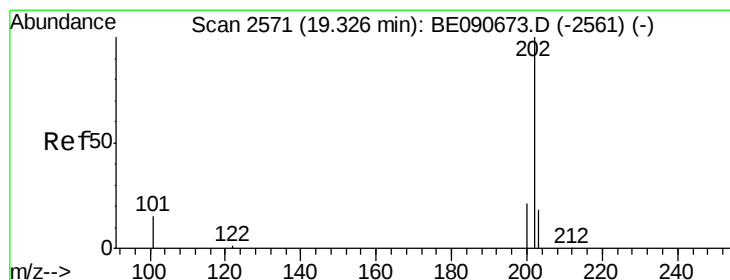
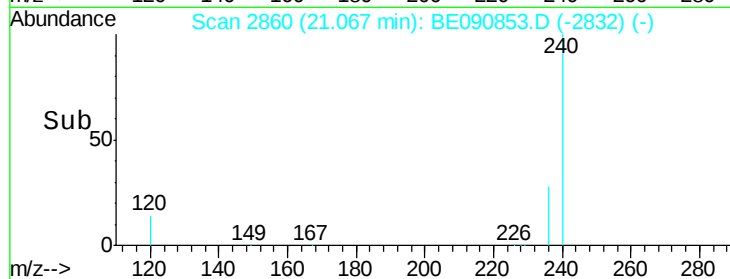
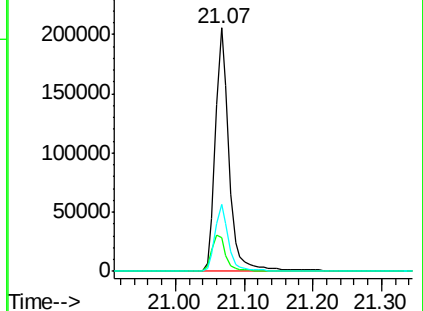
236 27.6 21.9 32.9



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



#26

Pyrene

Concen: 0.04 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

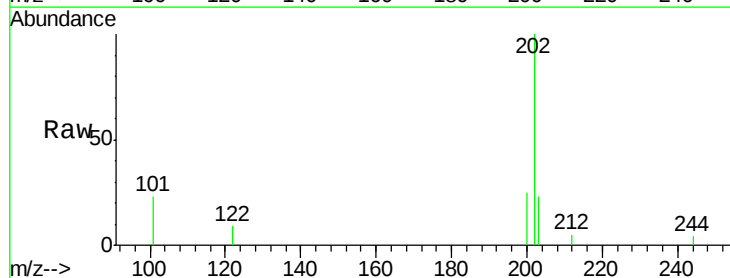
Tgt Ion:202 Resp: 2538

Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

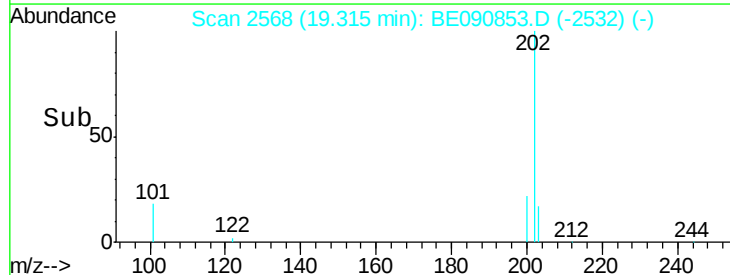
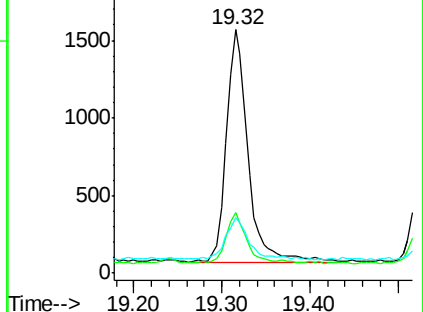
203 18.6 13.8 20.6

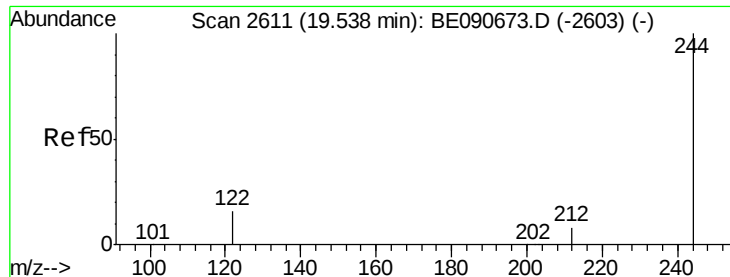


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.56 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

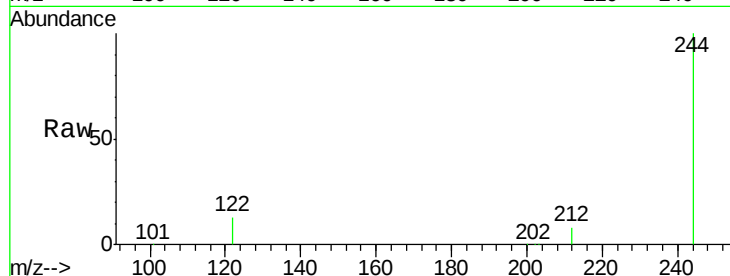
Tot Ion:244 Resp: 144608

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

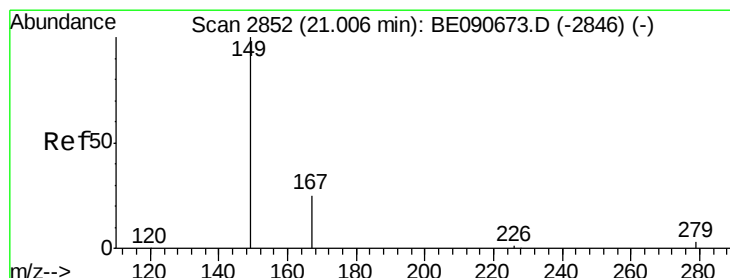
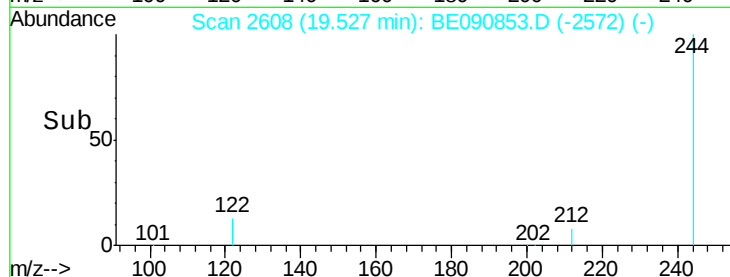
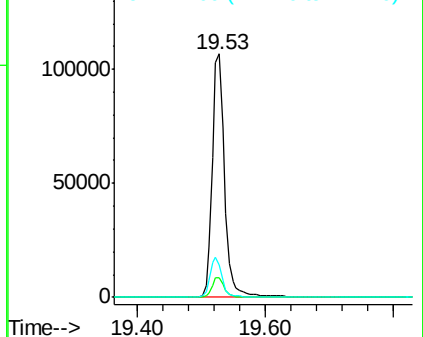
122 13.3 12.9 19.3



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: 0.18 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

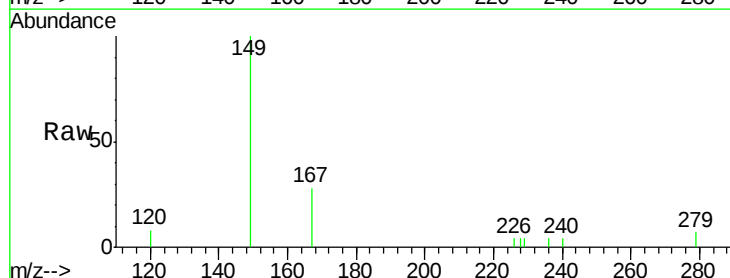
Tgt Ion:149 Resp: 1939

Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

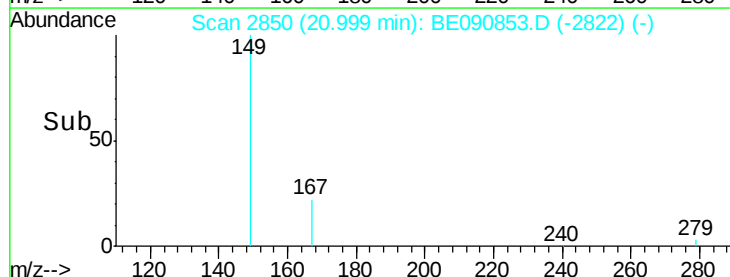
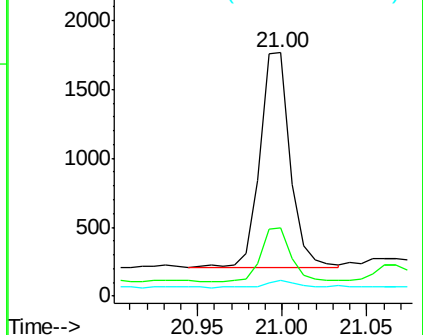
279 4.0 2.3 3.5#

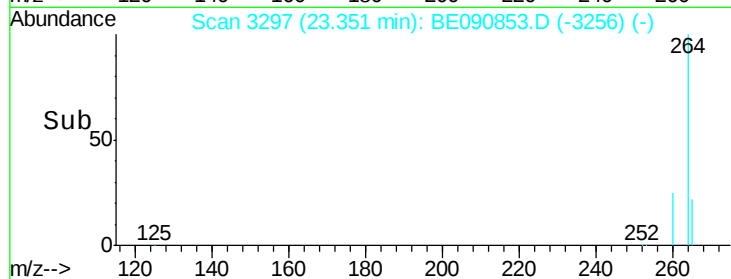
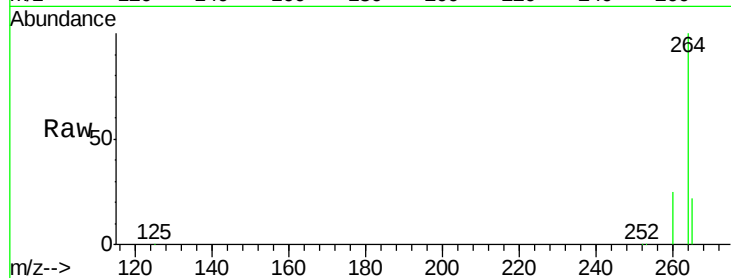
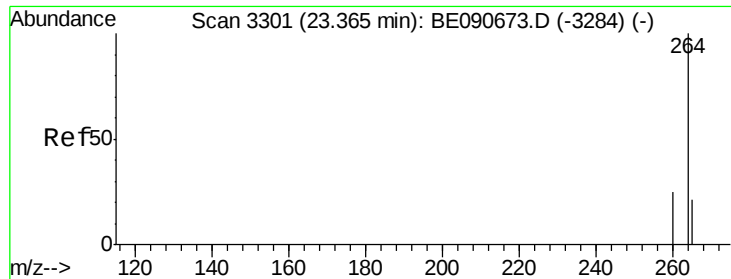


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3297

Delta R.T. -0.01 min

Lab File: BE090853.D

Acq: 16 Sep 2015 20:38

Instrument :

BNA_E

ClientSampleId :

091415-D549-E-U-M

Tot Ion:264 Resp: 271048

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.0 17.5 26.3

