

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090146.D
 Acq On : 17 Jul 2015 8:18
 Operator : TP/IZ
 Sample : G3009-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Quant Time: Jul 17 13:49:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

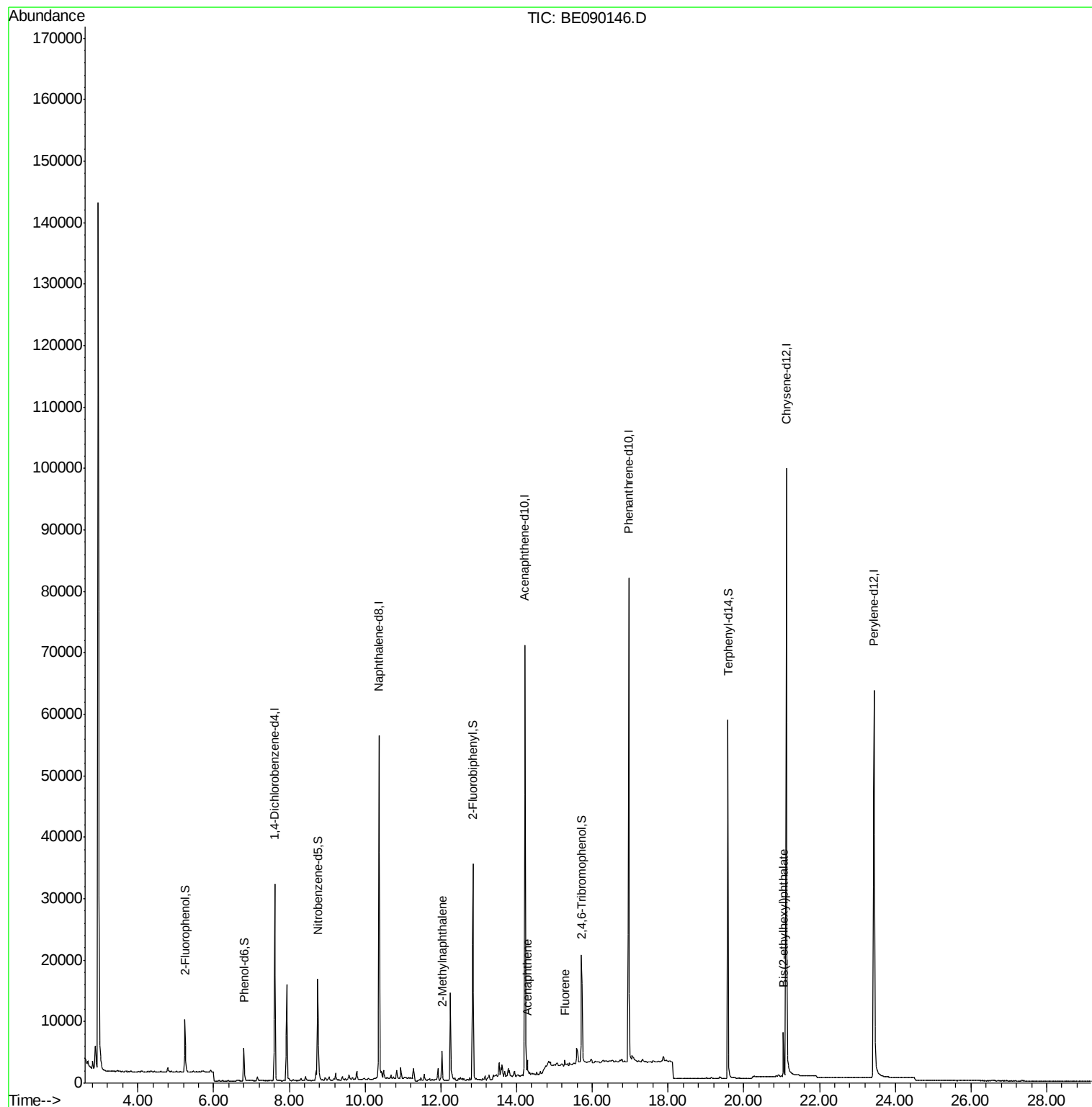
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	15723	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	72741	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	42135	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	91221	5.00	ng	0.00
25) Chrysene-d12	21.12	240	101372	5.00	ng	0.00
32) Perylene-d12	23.43	264	92152	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	6710	1.99	ng	0.00
5) Phenol-d6	6.80	99	6194	1.30	ng	0.00
7) Nitrobenzene-d5	8.75	82	14673	2.72	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	8660	7.09	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	33844	2.61	ng	0.00
27) Terphenyl-d14	19.58	244	59357	3.49	ng	0.00
Target Compounds						Qvalue
11) 2-Methylnaphthalene	12.03	142	3472	0.33	ng	97
16) Acenaphthene	14.28	154	427	0.04	ng	85
17) Fluorene	15.27	166	574	0.04	ng	# 65
30) Bis(2-ethylhexyl)phthalate	21.05	149	6673	1.85	ng	# 94

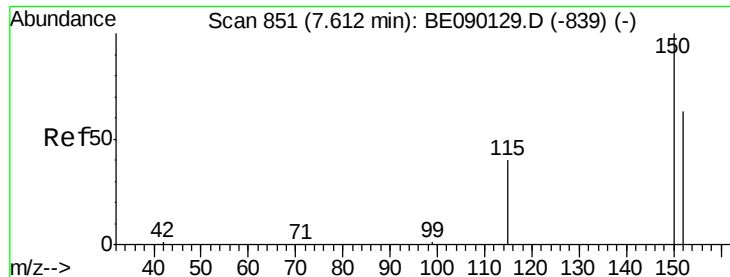
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

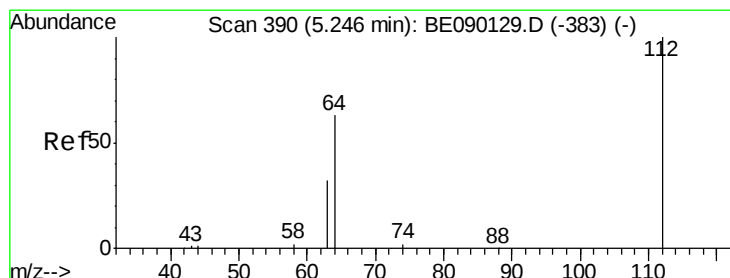
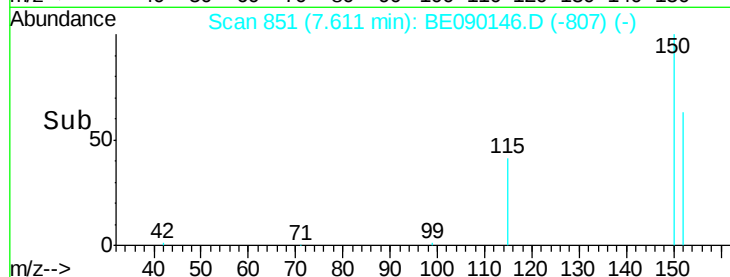
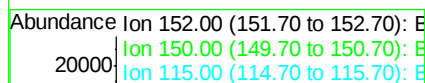
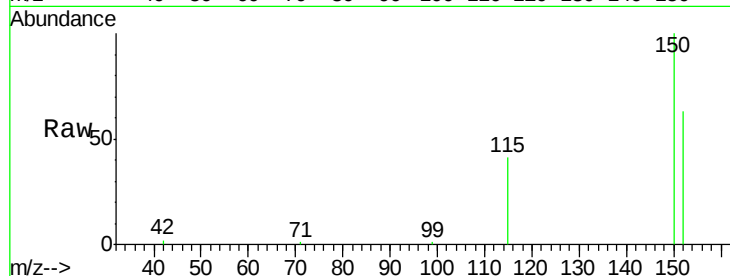
Tgt Ion:152 Resp: 15723

Ion Ratio Lower Upper

152 100

150 159.2 127.3 190.9

115 65.3 51.0 76.4



#4

2-Fluorophenol

Concen: 1.99 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

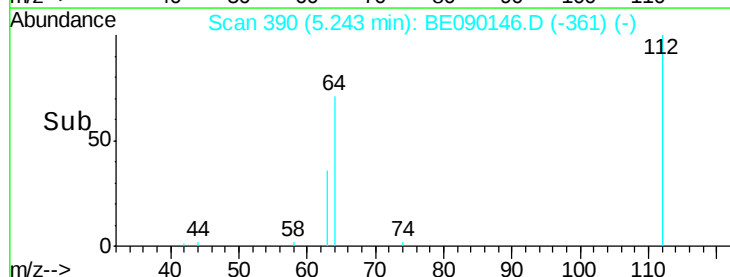
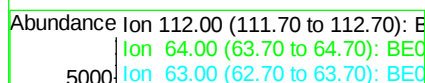
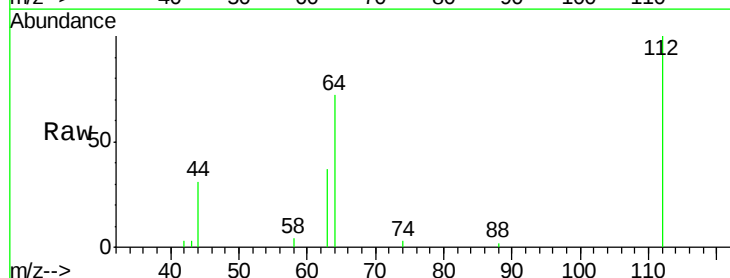
Tgt Ion:112 Resp: 6710

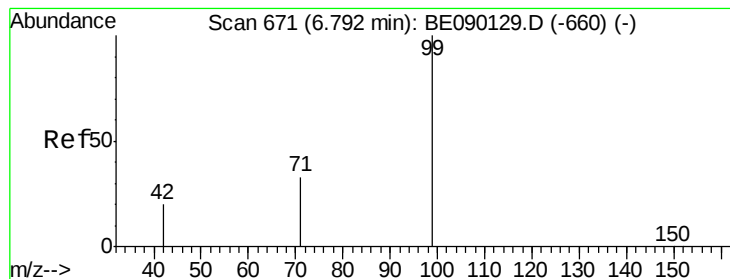
Ion Ratio Lower Upper

112 100

64 68.1 55.4 83.2

63 34.9 29.3 43.9





#5

Phenol-d6

Concen: 1.30 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

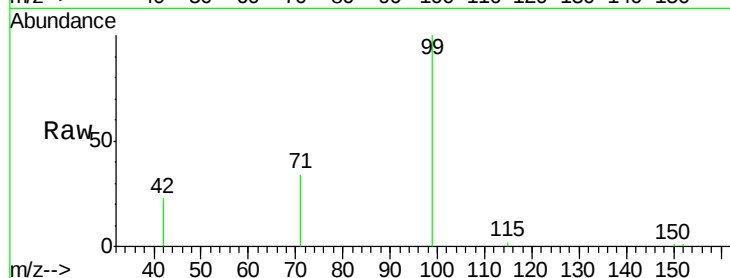
Tgt Ion: 99 Resp: 6194

Ion Ratio Lower Upper

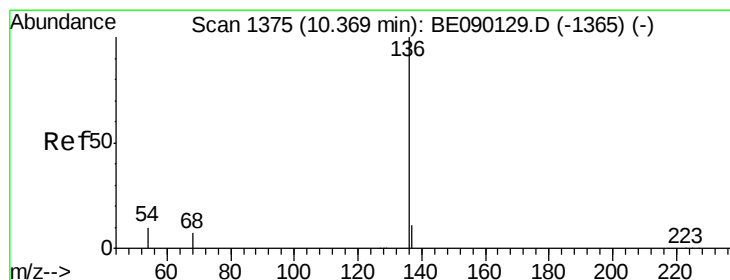
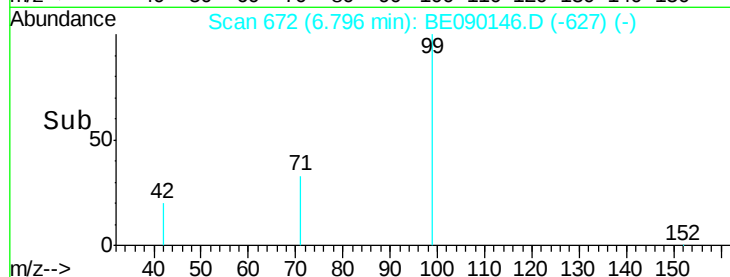
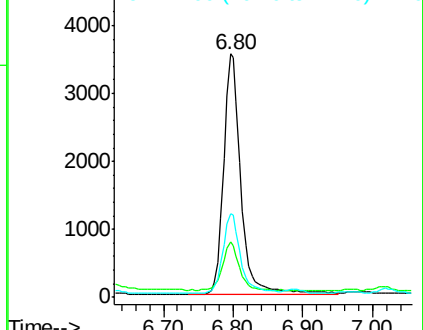
99 100

42 19.5 16.8 25.2

71 34.6 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Tgt Ion: 136 Resp: 72741

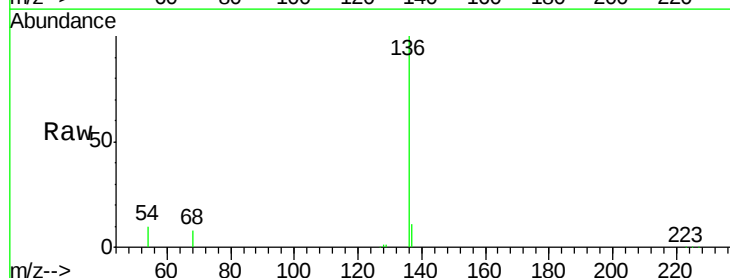
Ion Ratio Lower Upper

136 100

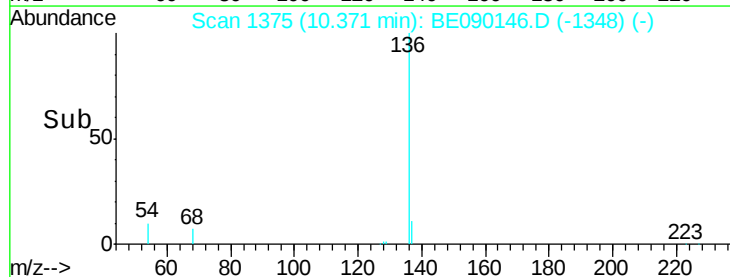
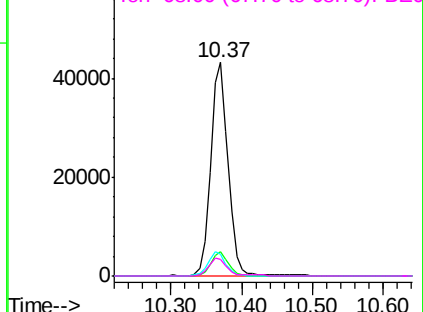
137 11.2 8.9 13.3

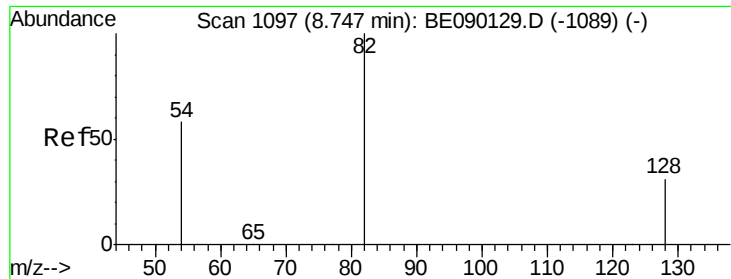
54 10.0 7.8 11.8

68 7.7 5.8 8.8



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: 2.72 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

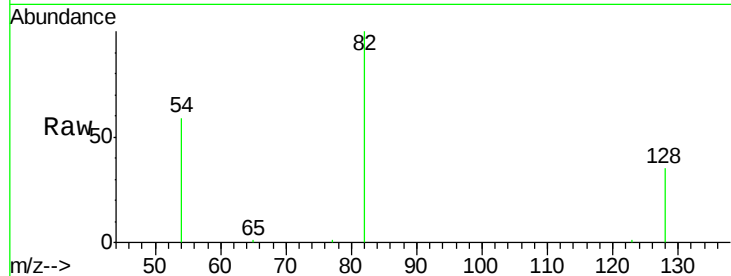
Tgt Ion: 82 Resp: 14673

Ion Ratio Lower Upper

82 100

128 34.7 26.2 39.2

54 59.1 47.1 70.7

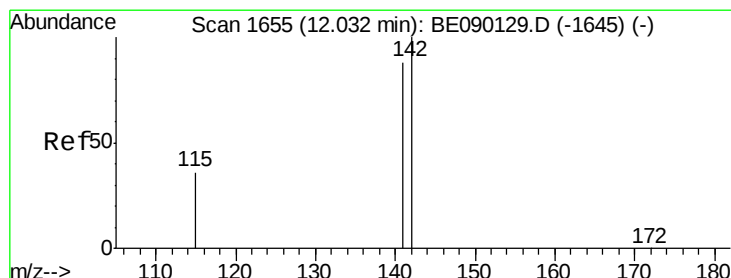
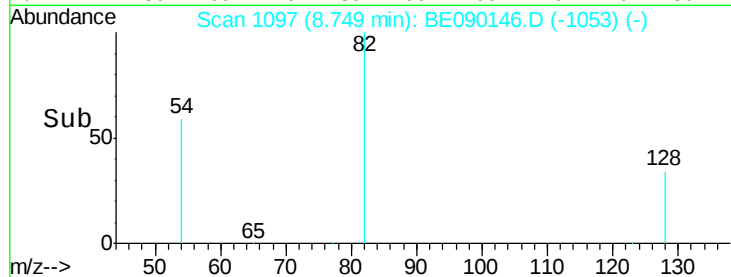


Abundance Ion 82.00 (81.70 to 82.70): BE090129.D (-1089) (-)

Ion 128.00 (127.70 to 128.70): BE090129.D (-1089) (-)

Ion 54.00 (53.70 to 54.70): BE090129.D (-1089) (-)

Time-->



#11

2-Methylnaphthalene

Concen: 0.33 ng

RT: 12.03 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

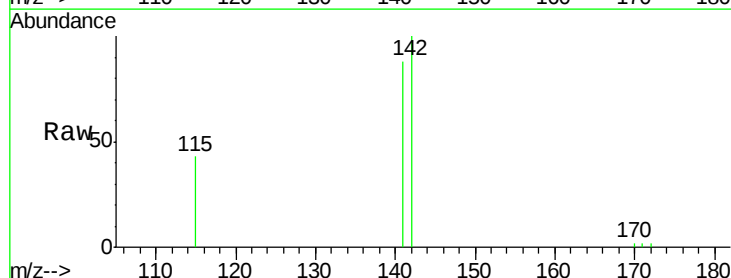
Tgt Ion: 142 Resp: 3472

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

115 42.7 29.4 44.0

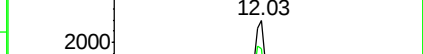
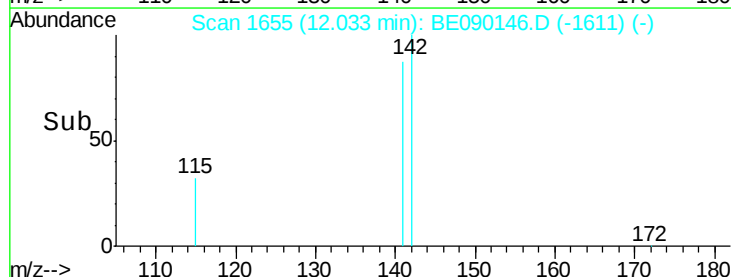


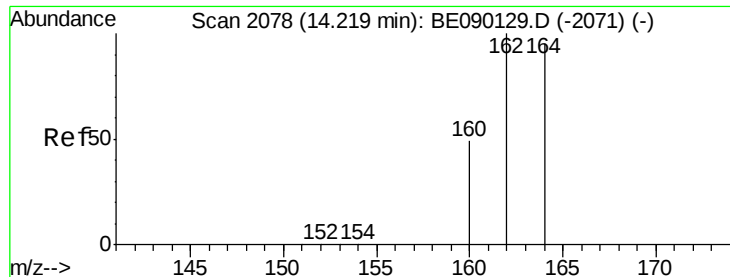
Abundance Ion 142.00 (141.70 to 142.70): BE090129.D (-1645) (-)

Ion 141.00 (140.70 to 141.70): BE090129.D (-1645) (-)

Ion 115.00 (114.70 to 115.70): BE090129.D (-1645) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

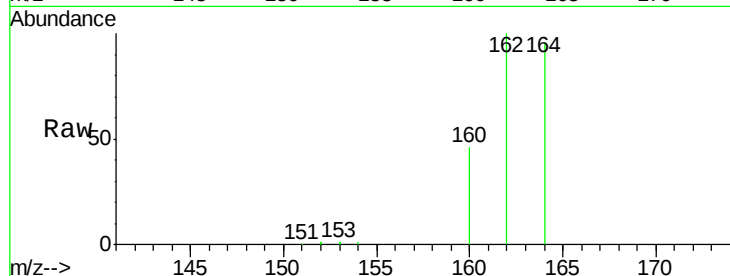
Tgt Ion:164 Resp: 42135

Ion Ratio Lower Upper

164 100

162 105.5 84.0 126.0

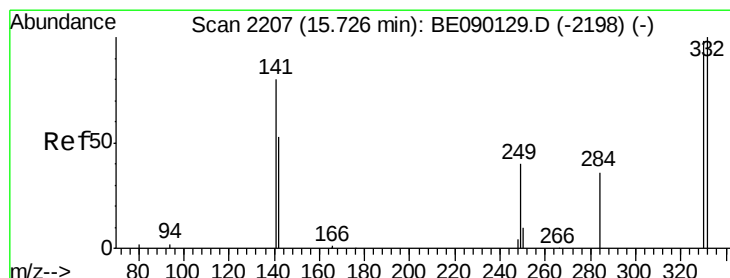
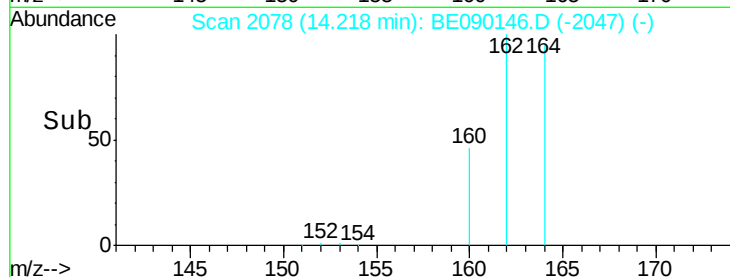
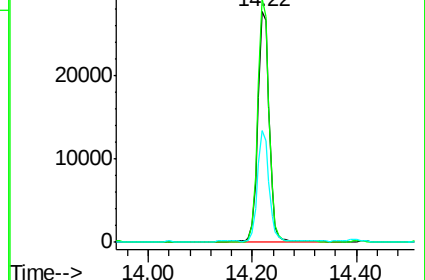
160 48.2 41.1 61.7



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: 7.09 ng

RT: 15.73 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

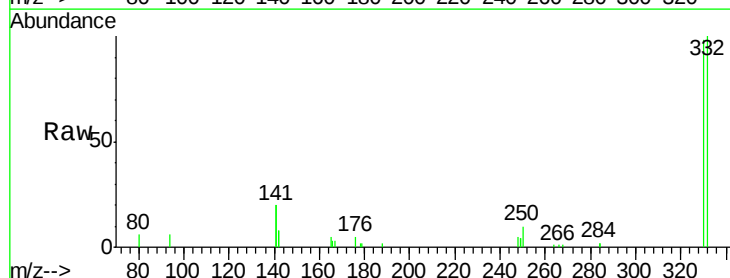
Tgt Ion:330 Resp: 8660

Ion Ratio Lower Upper

330 100

332 98.0 79.4 119.0

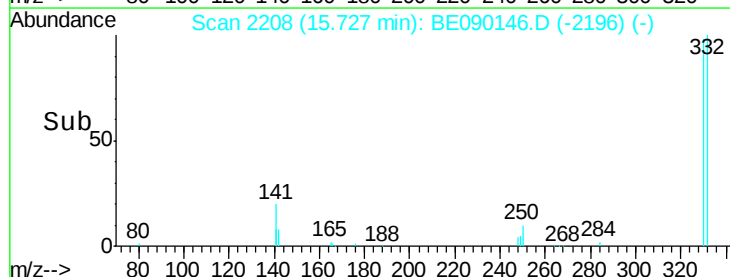
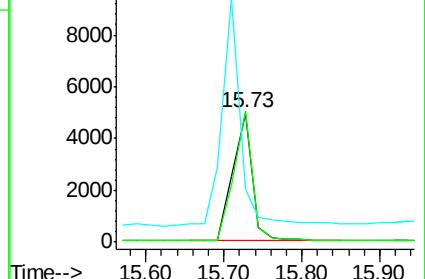
141 169.7 160.2 240.2

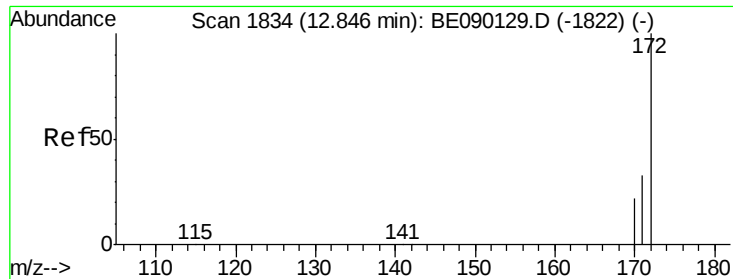


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

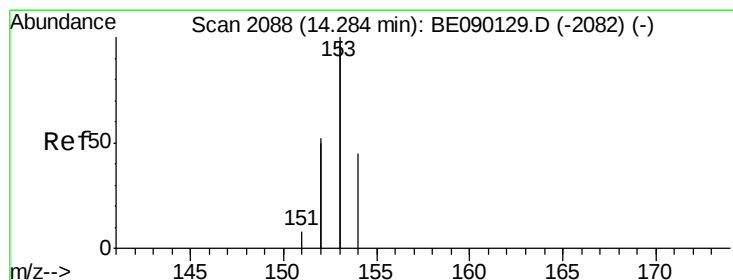
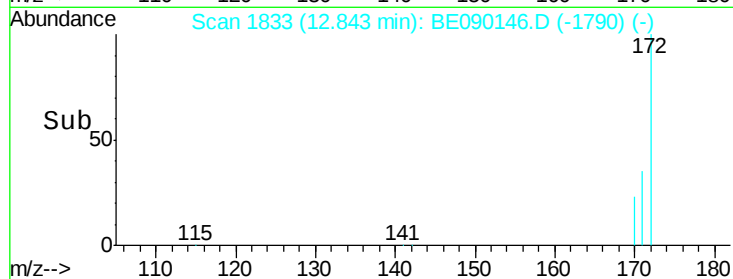
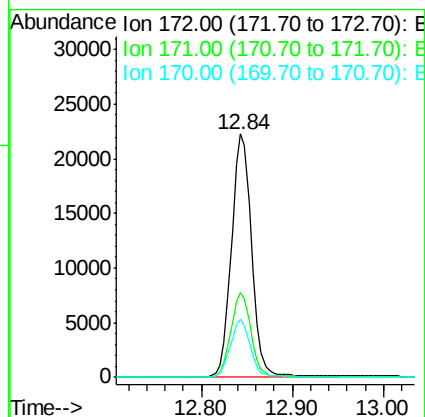
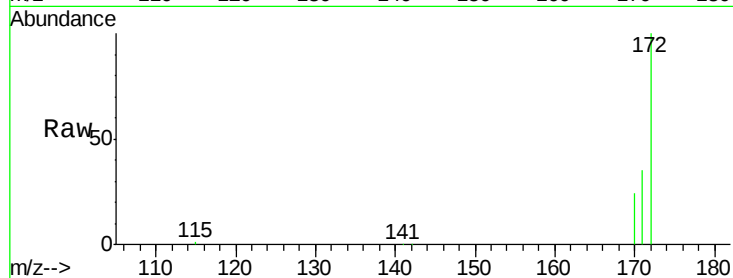




#14
2-Fluorobiphenyl
Concen: 2.61 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090146.D
Acq: 17 Jul 2015 8:18

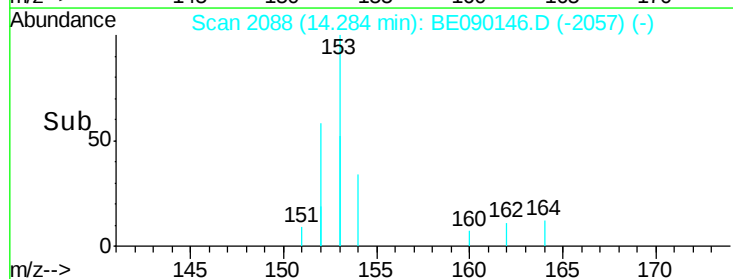
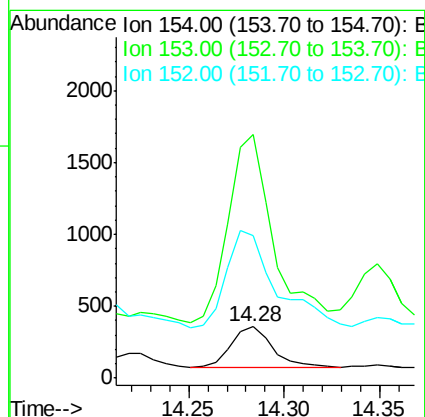
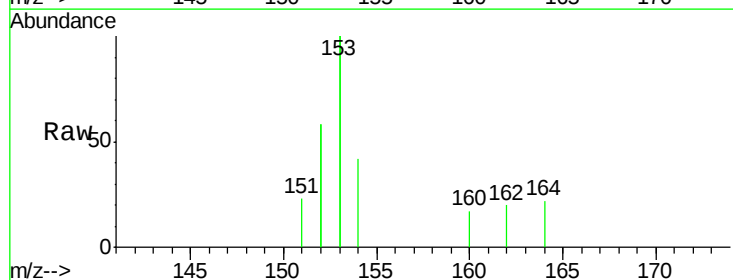
Instrument :
BNA_E
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MW-DUP-01-071515

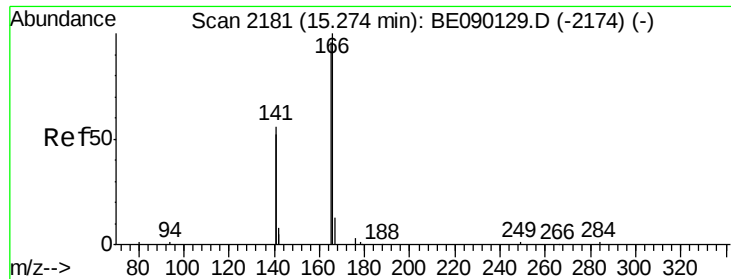
Tgt Ion:172 Resp: 33844
Ion Ratio Lower Upper
172 100
171 34.7 27.1 40.7
170 23.6 17.9 26.9



#16
Acenaphthene
Concen: 0.04 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BE090146.D
Acq: 17 Jul 2015 8:18

Tgt Ion:154 Resp: 427
Ion Ratio Lower Upper
154 100
153 500.5 369.5 554.3
152 281.5 202.2 303.4





#17

Fluorene

Concen: 0.04 ng

RT: 15.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

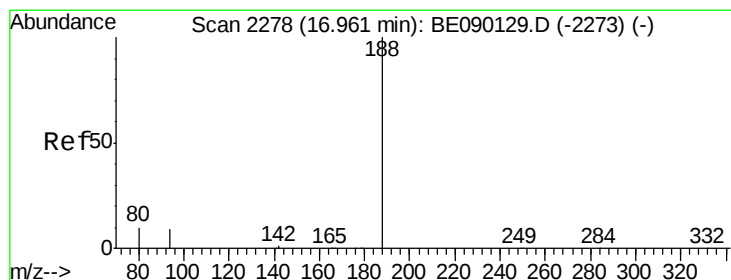
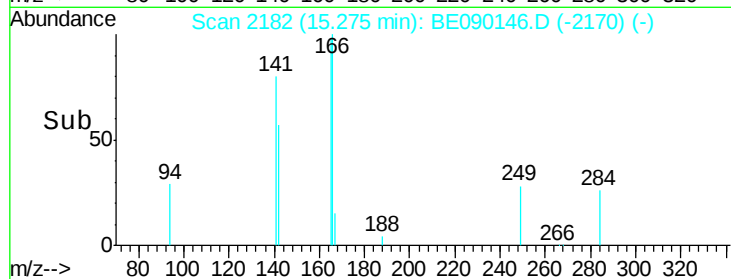
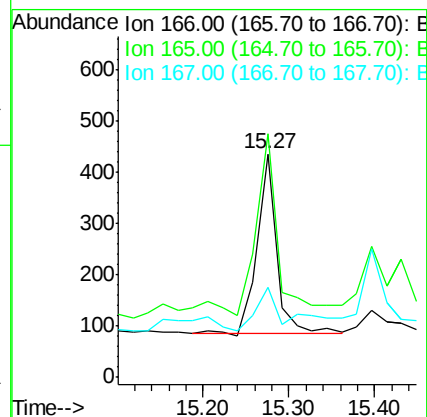
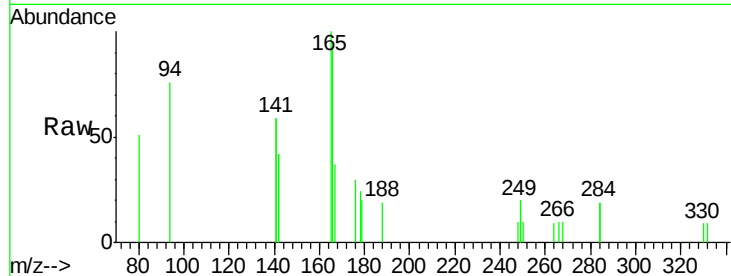
Tgt Ion:166 Resp: 574

Ion Ratio Lower Upper

166 100

165 130.3 78.7 118.1#

167 35.9 11.1 16.7#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

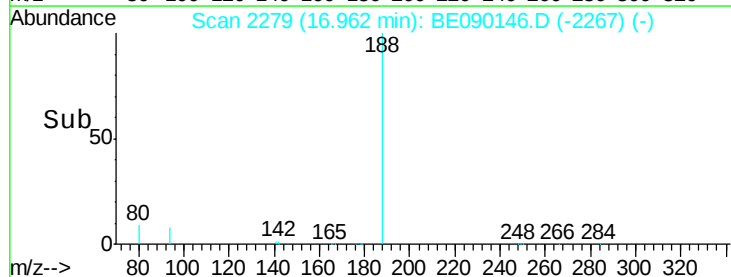
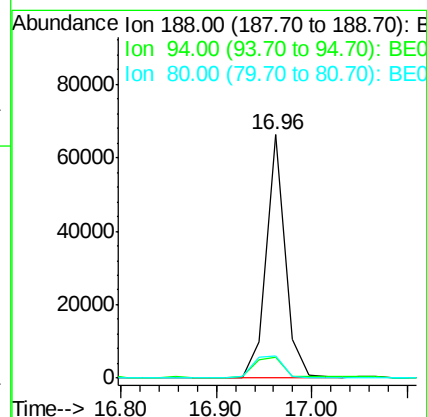
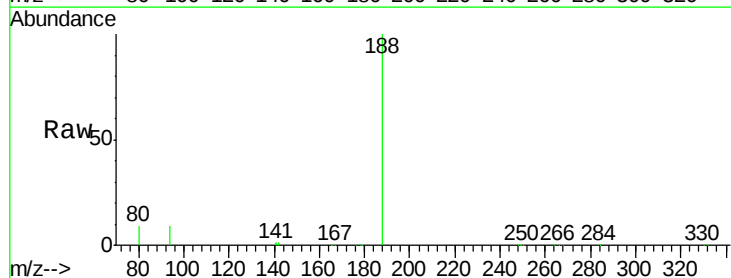
Tgt Ion:188 Resp: 91221

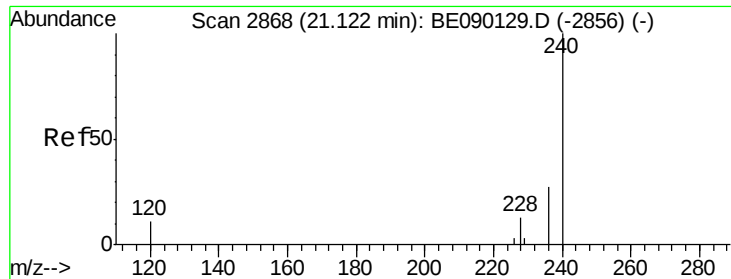
Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.3 8.0 12.0





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

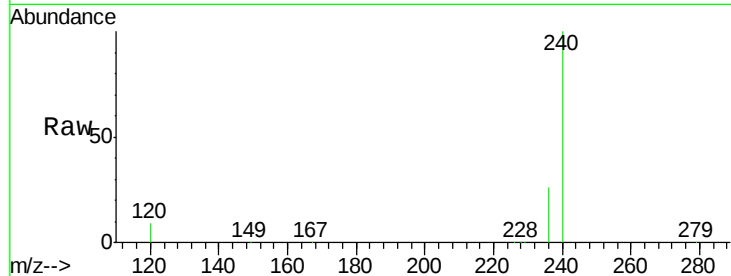
Tgt Ion:240 Resp: 101372

Ion Ratio Lower Upper

240 100

120 9.4 8.8 13.2

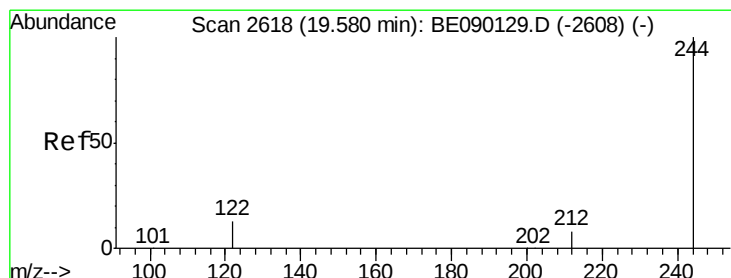
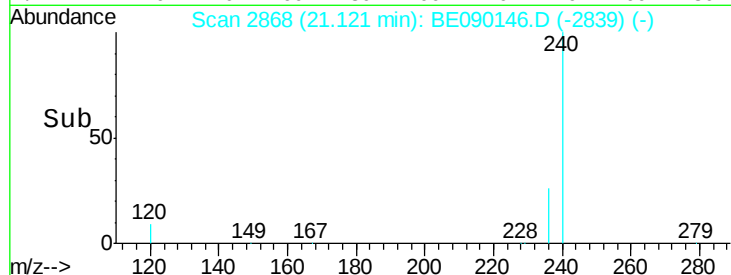
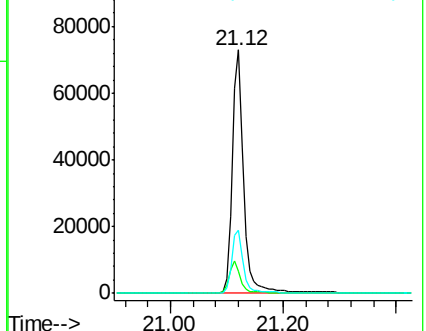
236 26.1 21.4 32.0



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: 3.49 ng

RT: 19.58 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

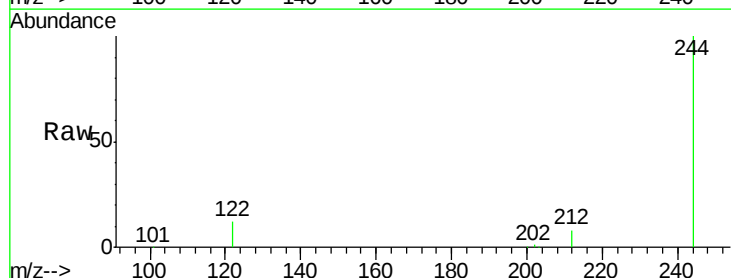
Tgt Ion:244 Resp: 59357

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

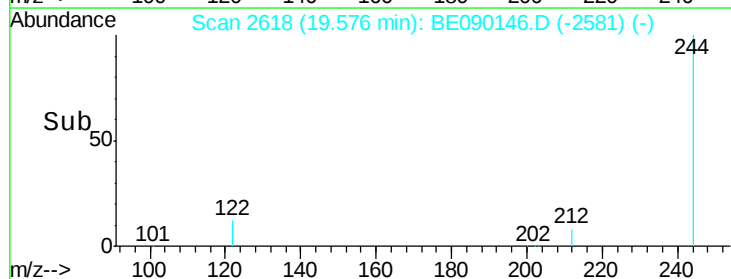
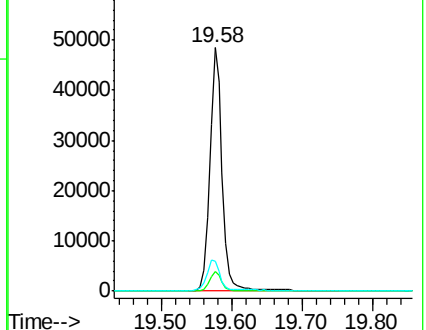
122 12.4 10.7 16.1

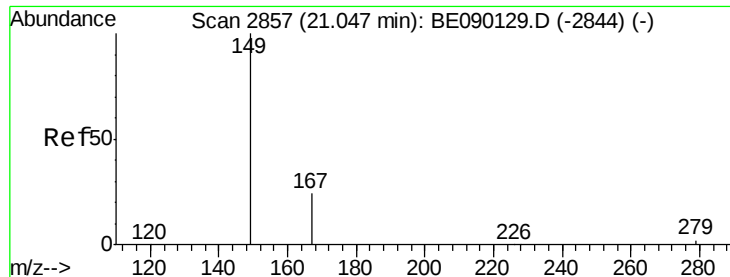


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

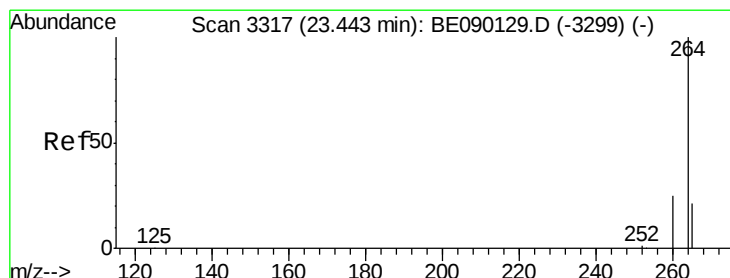
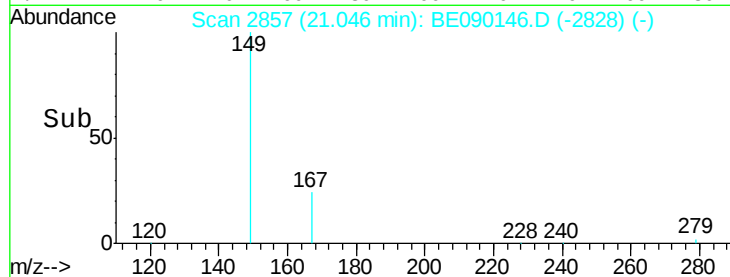
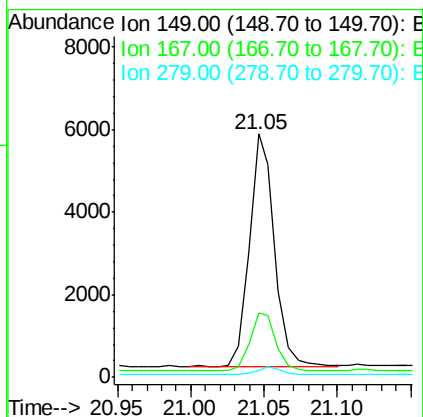
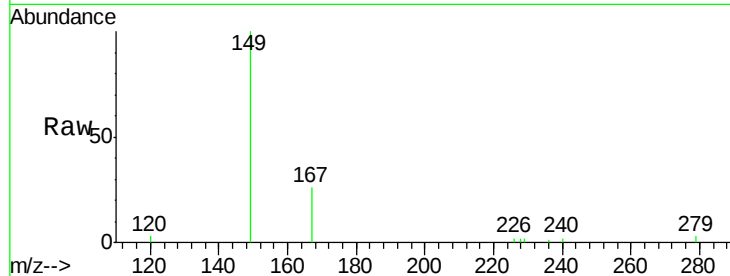




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.85 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Tgt Ion: 149 Resp: 6673
 Ion Ratio Lower Upper
 149 100
 167 26.1 18.6 27.8
 279 3.4 2.2 3.4#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3316
 Delta R.T. -0.01 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Tgt Ion: 264 Resp: 92152
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.1 17.8 26.8

