

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090339.D
 Acq On : 4 Aug 2015 10:00
 Operator : TP/UM
 Sample : G3174-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

Quant Time: Aug 04 13:45:13 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

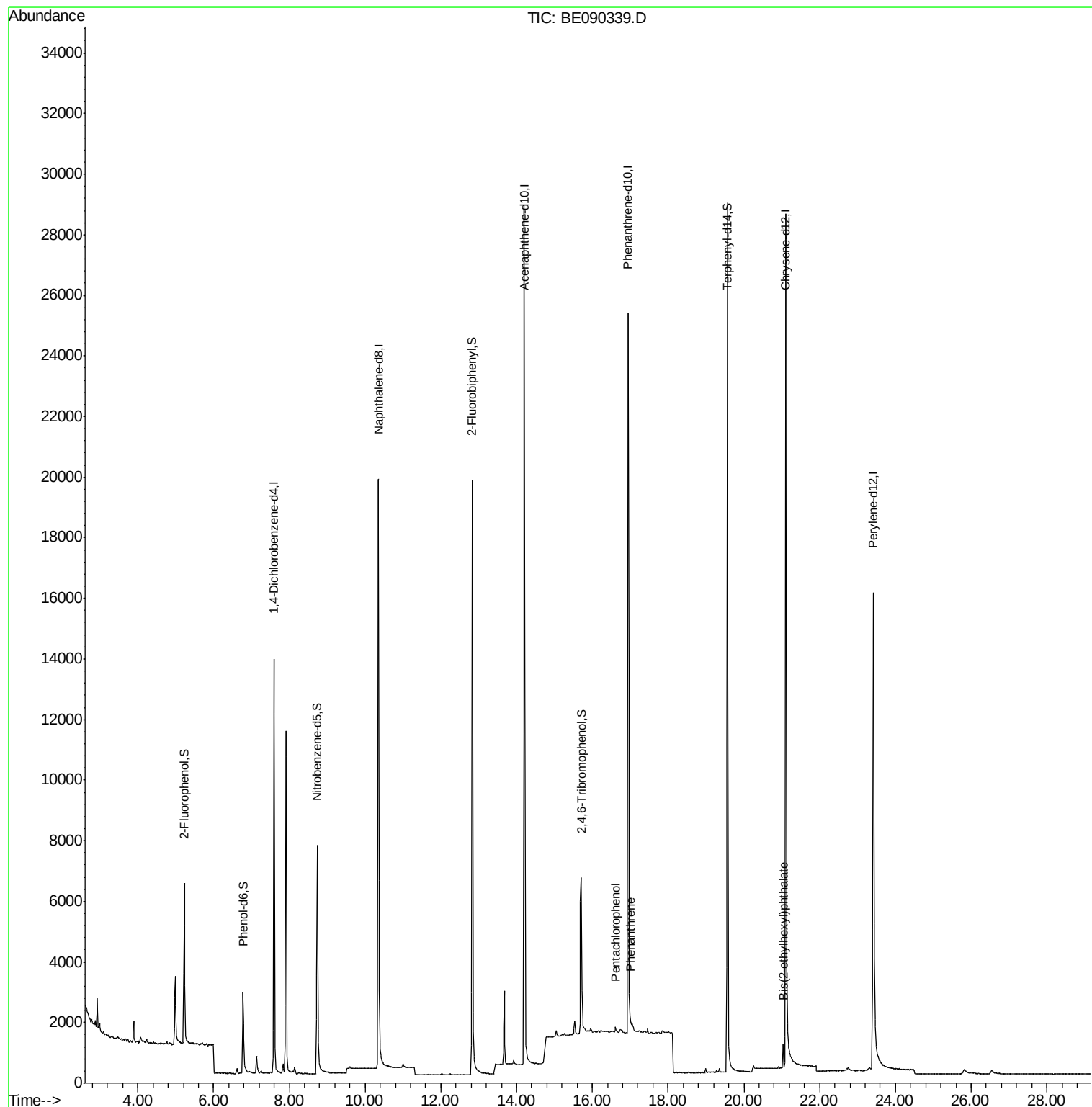
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	6864	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	31148	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	16445	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	35469	5.00	ng	0.00
25) Chrysene-d12	21.11	240	32495	5.00	ng	0.00
32) Perylene-d12	23.42	264	27770	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4387	3.34	ng	0.00
5) Phenol-d6	6.78	99	3459	2.14	ng	0.00
7) Nitrobenzene-d5	8.73	82	8072	4.39	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2293	7.12	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	20669	4.34	ng	0.00
27) Terphenyl-d14	19.57	244	32341	5.32	ng	-0.01
Target Compounds						
21) Pentachlorophenol	16.61	266	109	0.58	ng	Qvalue 94
22) Phenanthrene	17.00	178	200	0.02	ng	# 77
30) Bis(2-ethylhexyl)phthalate	21.04	149	786	0.52	ng	# 96

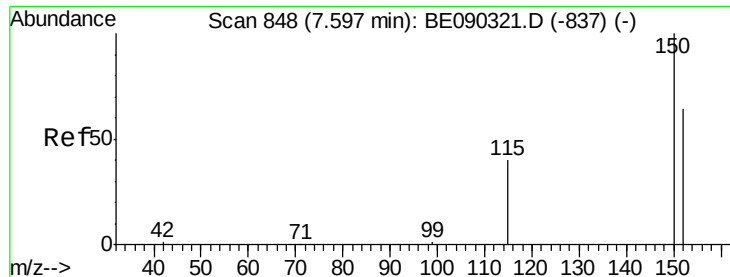
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

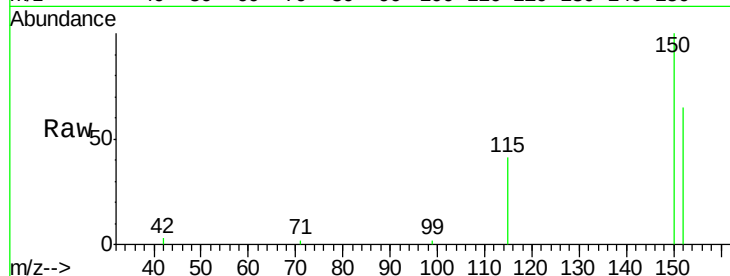
Tgt Ion:152 Resp: 6864

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.2

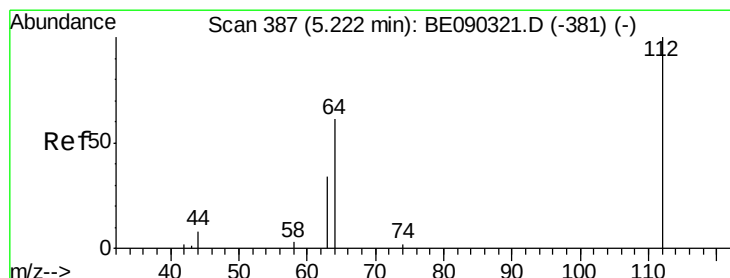
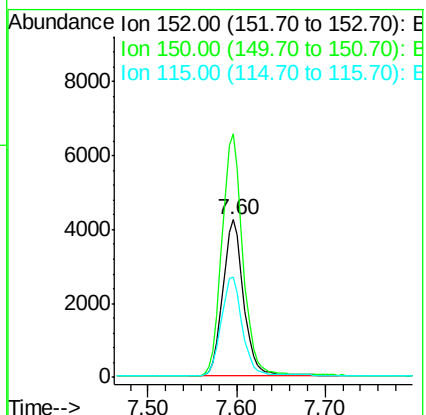
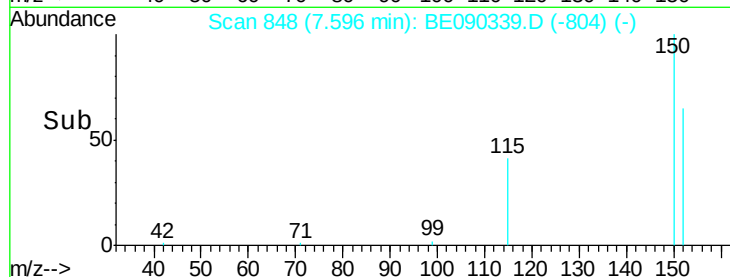
115 63.3 50.4 75.6



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: 3.34 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

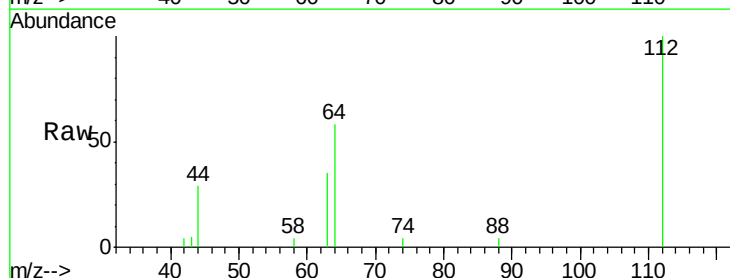
Tgt Ion:112 Resp: 4387

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

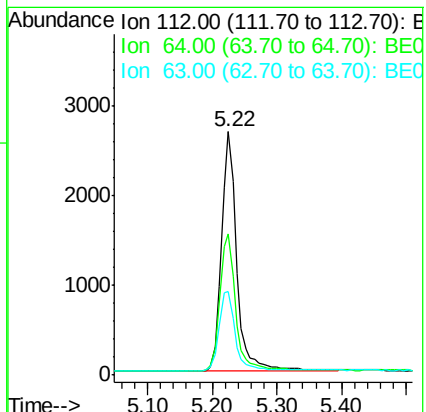
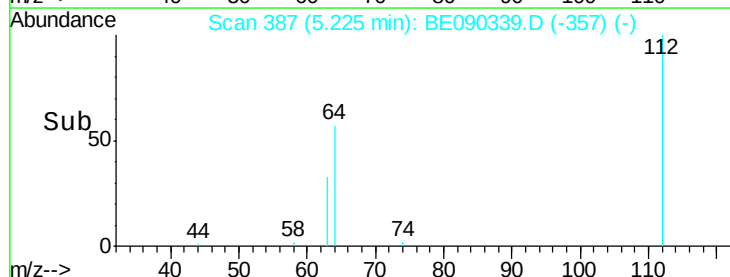
63 35.0 27.7 41.5

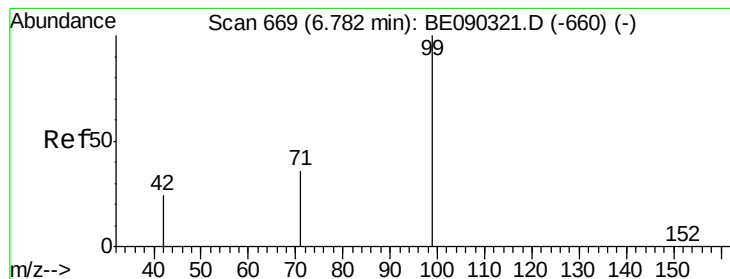


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.14 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

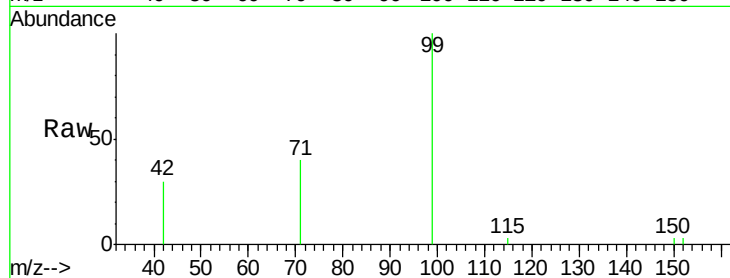
Tgt Ion: 99 Resp: 3459

Ion Ratio Lower Upper

99 100

42 25.2 22.2 33.2

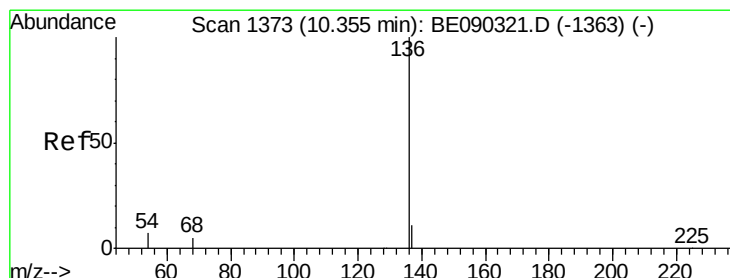
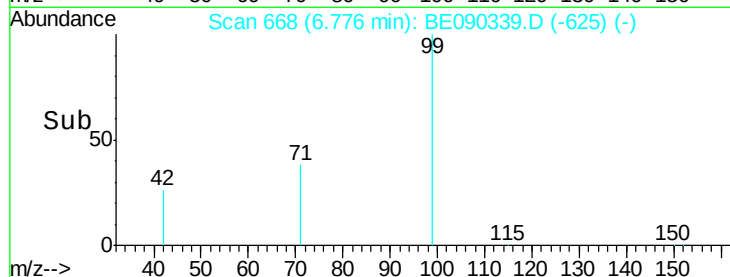
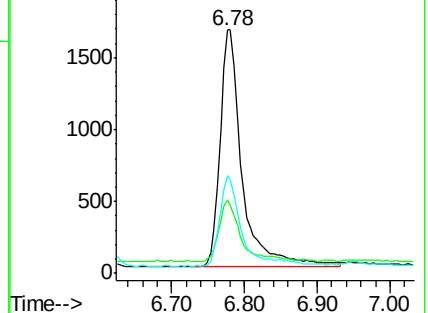
71 38.5 29.2 43.8



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: 10.35 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Tgt Ion: 136 Resp: 31148

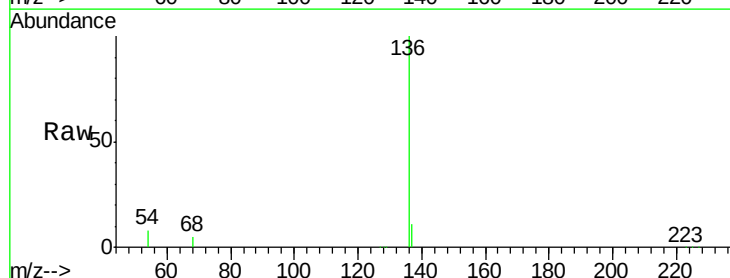
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.0 9.0

68 5.2 3.9 5.9

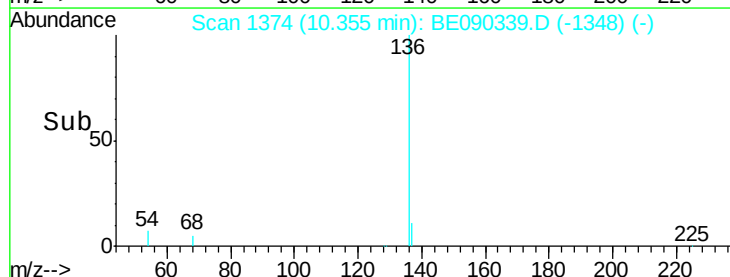
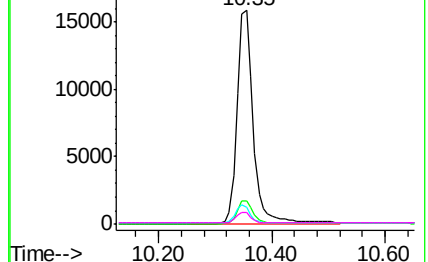


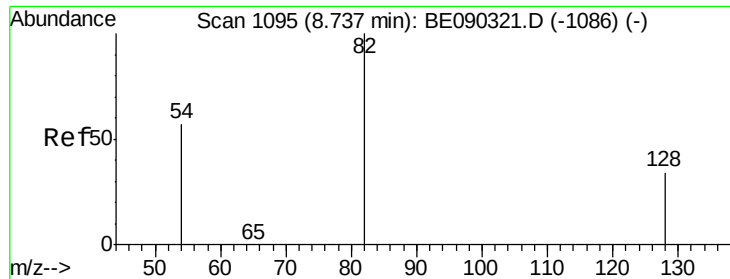
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.39 ng

RT: 8.73 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

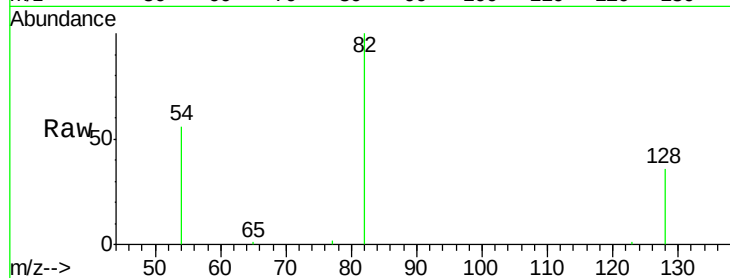
Tgt Ion: 82 Resp: 8072

Ion Ratio Lower Upper

82 100

128 35.6 30.8 46.2

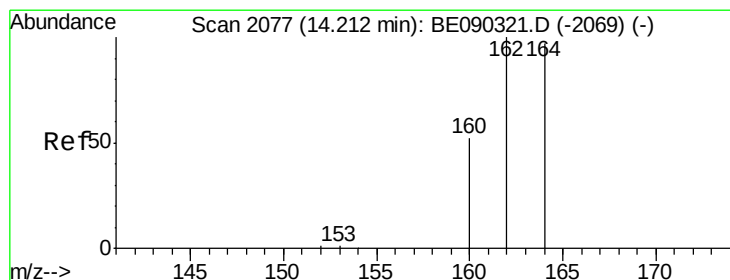
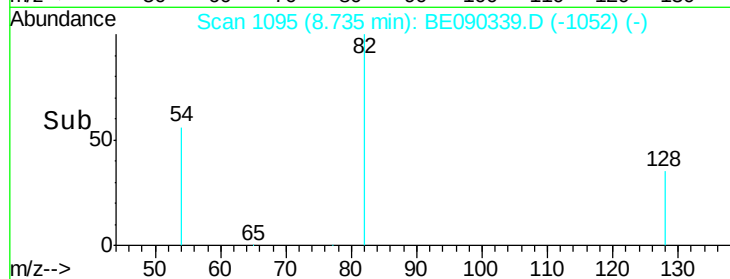
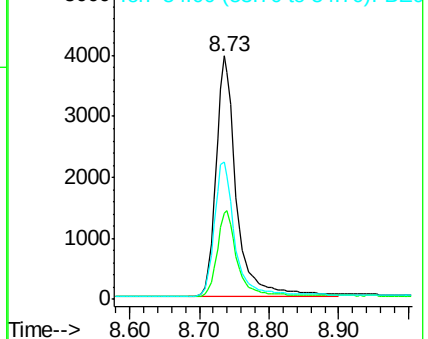
54 56.5 47.5 71.3



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: 14.21 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

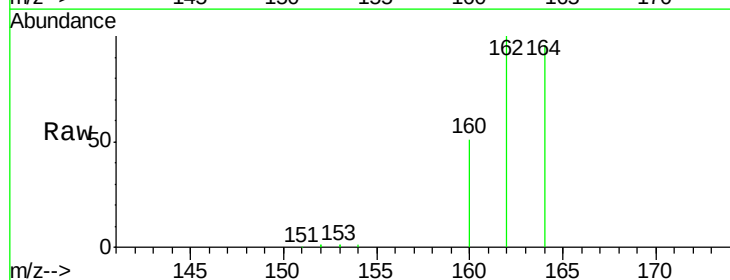
Tgt Ion: 164 Resp: 16445

Ion Ratio Lower Upper

164 100

162 104.7 82.7 124.1

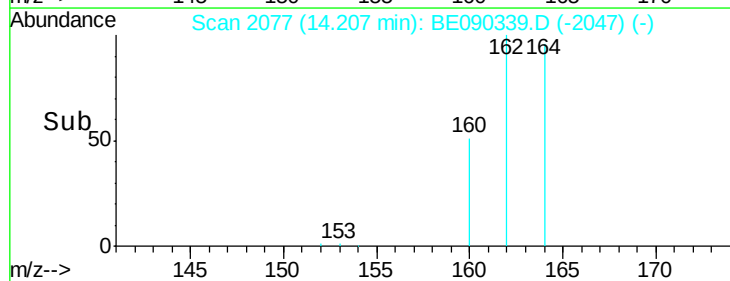
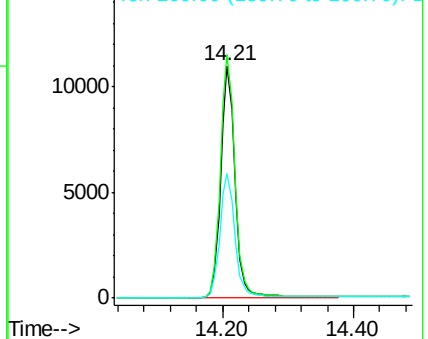
160 53.5 43.0 64.6

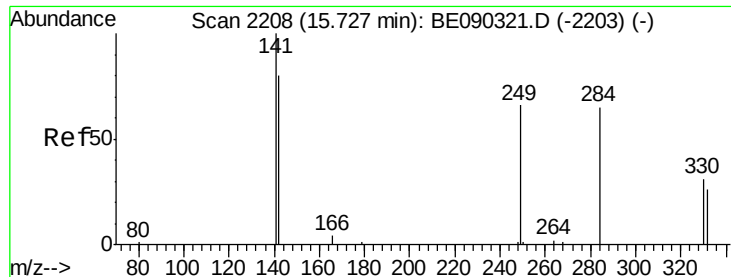


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

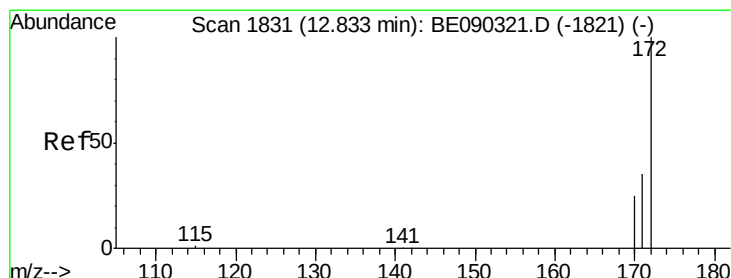
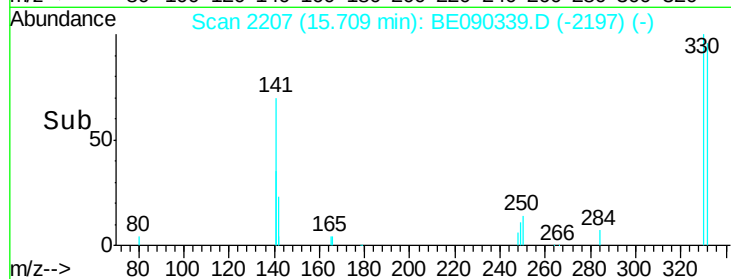
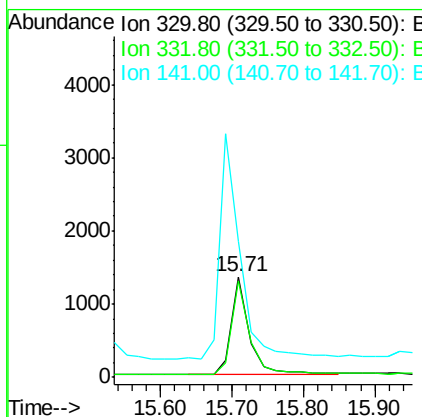
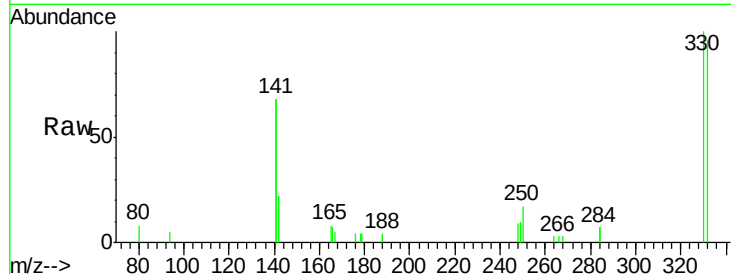




#13
 2,4,6-Tribromophenol
 Concen: 7.12 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

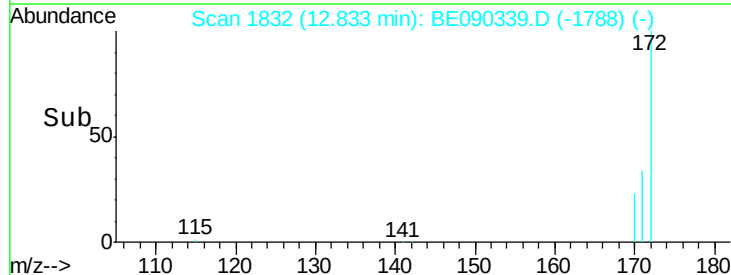
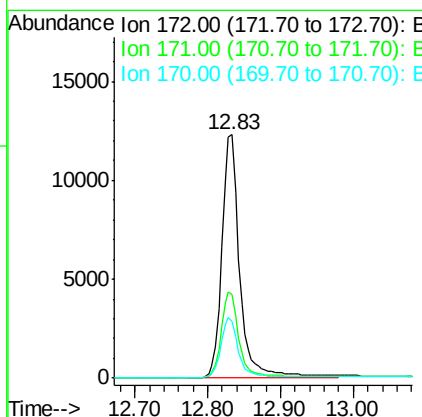
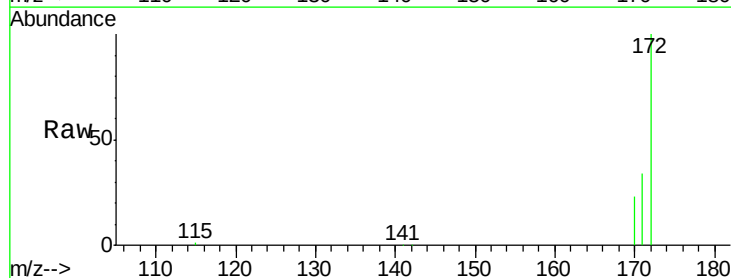
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-S

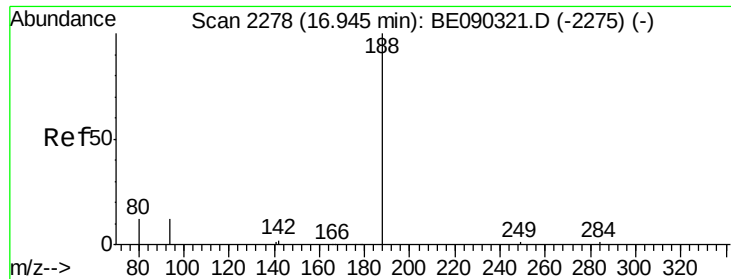
Tgt Ion: 330 Resp: 2293
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.4 119.0
 141 265.5 245.9 368.9



#14
 2-Fluorobiphenyl
 Concen: 4.34 ng
 RT: 12.83 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 172 Resp: 20669
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.5 44.3
 170 23.2 21.3 31.9

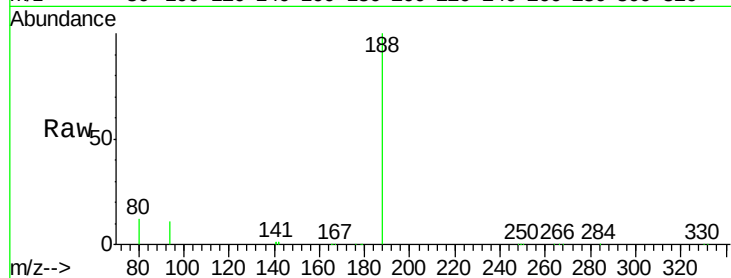




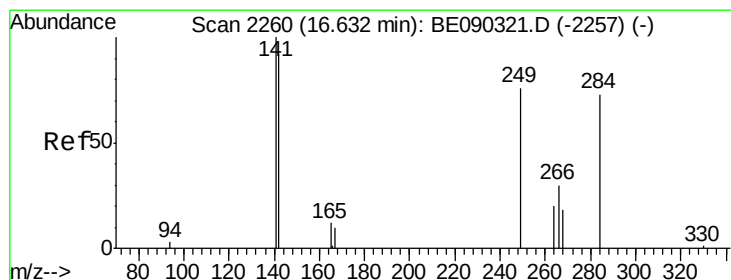
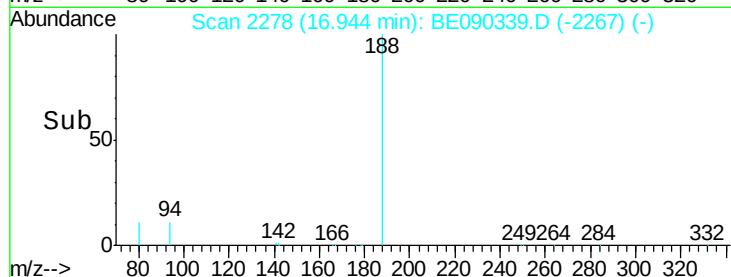
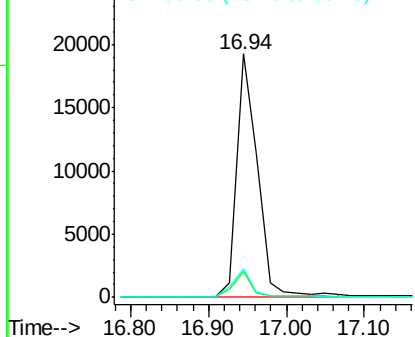
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090339.D
Acq: 4 Aug 2015 10:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-S

Tgt Ion:188 Resp: 35469
Ion Ratio Lower Upper
188 100
94 10.9 9.5 14.3
80 11.6 10.0 15.0

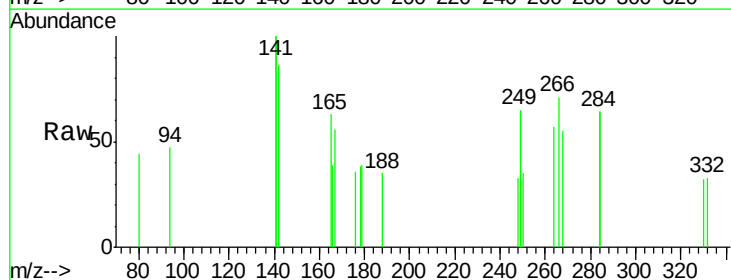


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

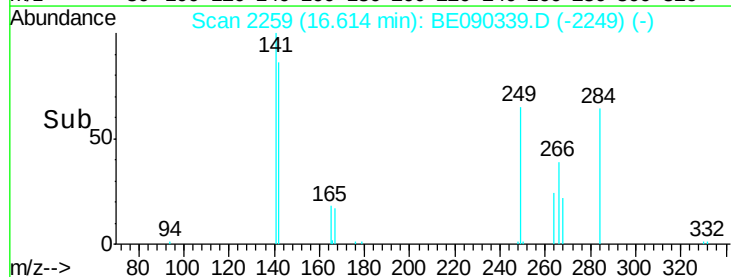
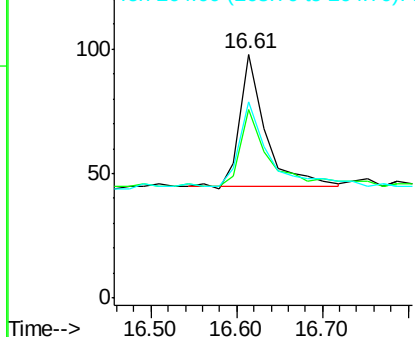


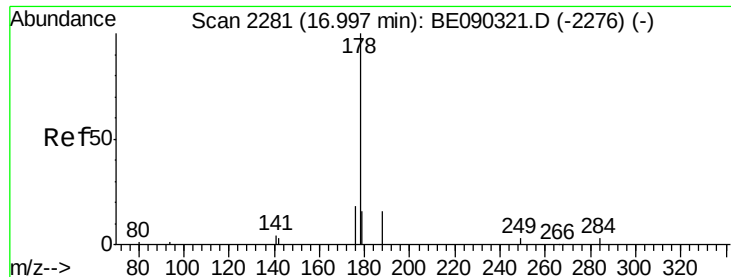
#21
Pentachlorophenol
Concen: 0.58 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE090339.D
Acq: 4 Aug 2015 10:00

Tgt Ion:266 Resp: 109
Ion Ratio Lower Upper
266 100
268 77.6 66.2 99.2
264 80.6 69.1 103.7



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





#22

Phenanthrene

Concen: 0.02 ng

RT: 17.00 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

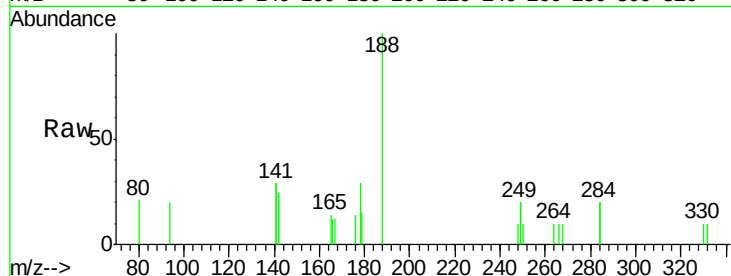
Tgt Ion:178 Resp: 200

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

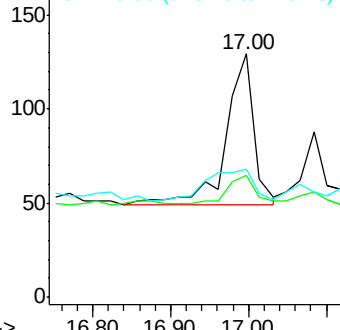
179 36.0 12.6 18.8#



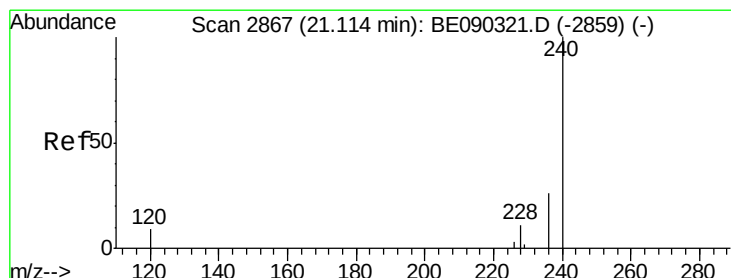
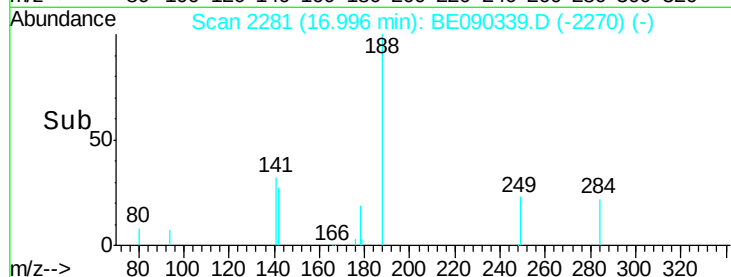
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

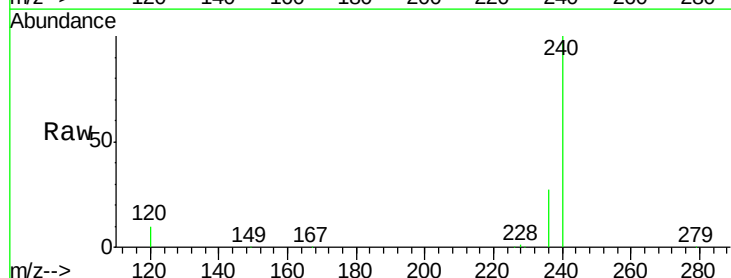
Tgt Ion:240 Resp: 32495

Ion Ratio Lower Upper

240 100

120 10.2 7.5 11.3

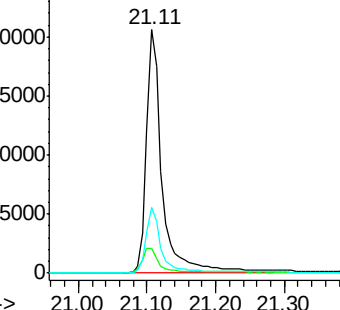
236 26.7 21.0 31.4



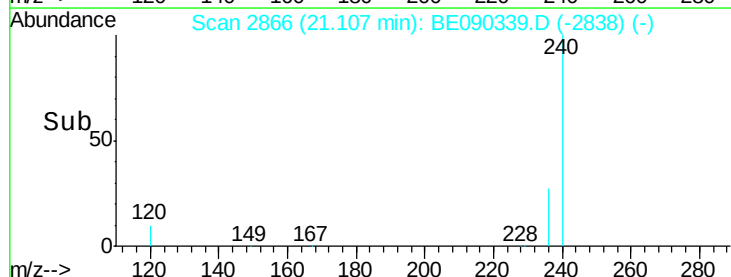
Abundance Ion 240.00 (239.70 to 240.70): E

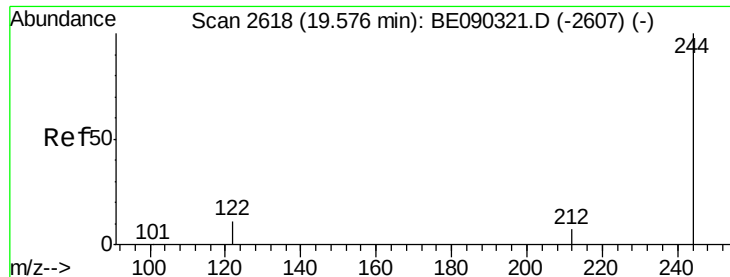
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

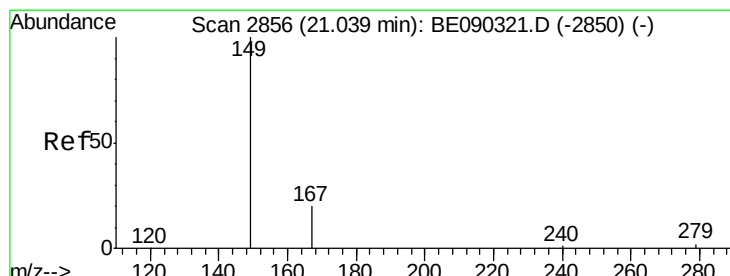
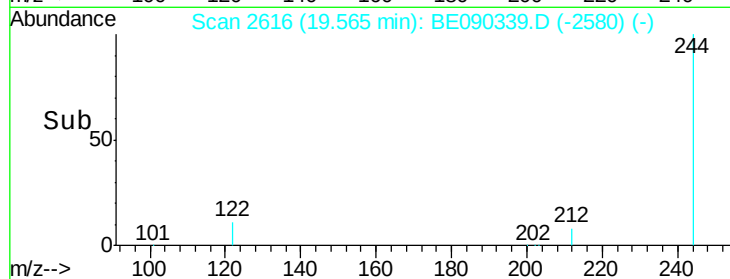
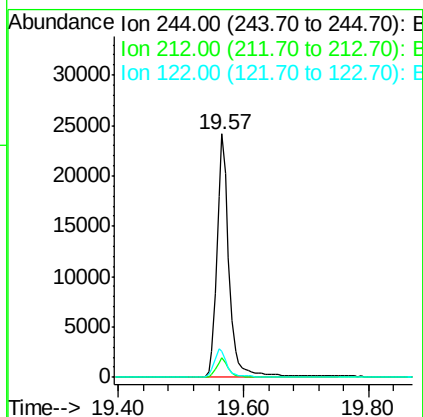
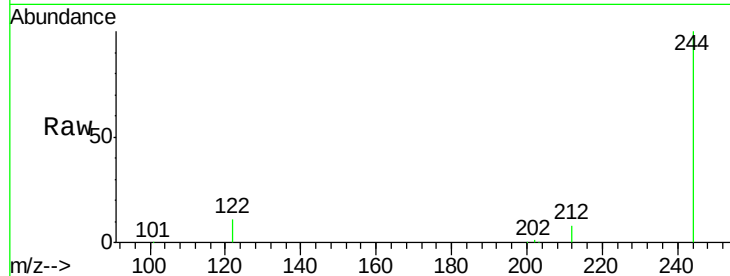




#27
 Terphenyl-d14
 Concen: 5.32 ng
 RT: 19.57 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

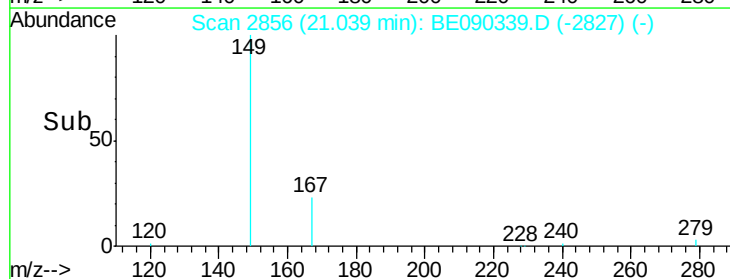
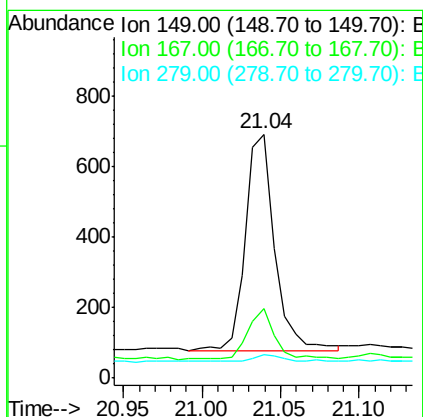
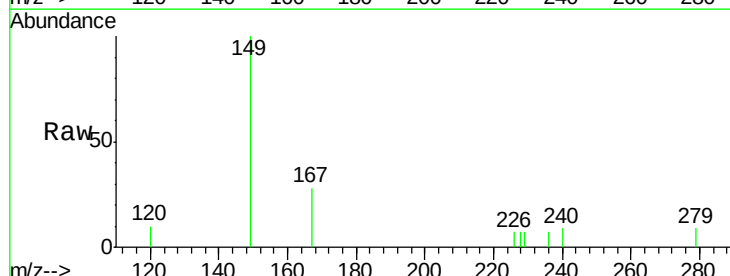
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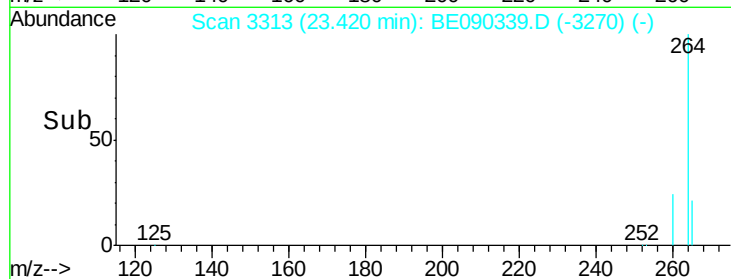
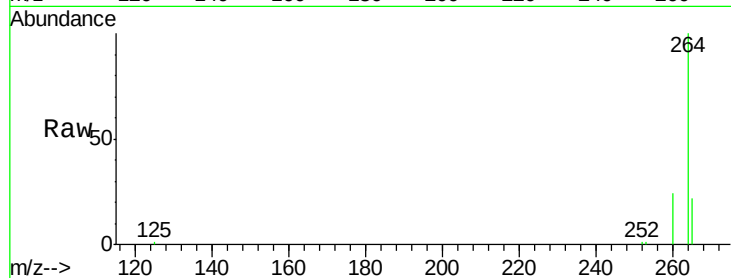
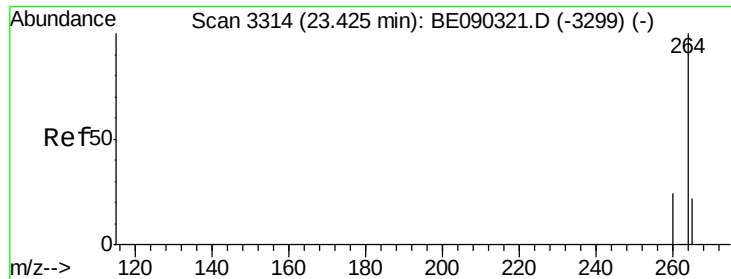
Tgt Ion: 244 Resp: 32341
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.4 11.2
 122 10.9 10.4 15.6



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.52 ng
 RT: 21.04 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BE090339.D
 Acq: 4 Aug 2015 10:00

Tgt Ion: 149 Resp: 786
 Ion Ratio Lower Upper
 149 100
 167 22.5 16.6 24.8
 279 2.7 2.7 4.1#





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BE090339.D

Acq: 4 Aug 2015 10:00

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-S

Tgt Ion: 264 Resp: 27770

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 22.2 18.6 28.0

