

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090699.D
 Acq On : 2 Sep 2015 11:53
 Operator : UM/IZ
 Sample : G3494-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082815-D506-E-D-M

Quant Time: Sep 02 12:51:21 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

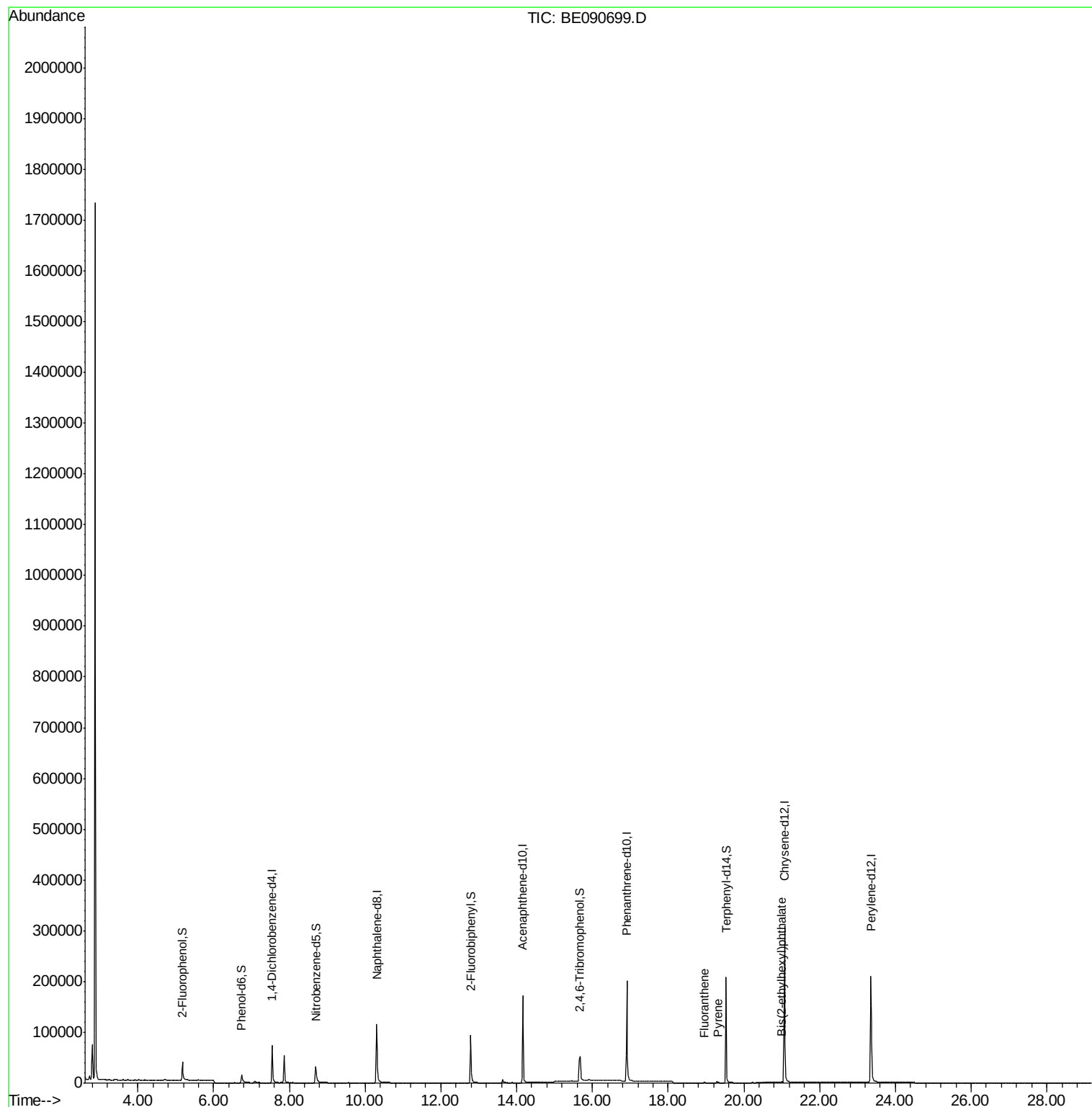
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	41158	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	183189	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	100347	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	257171	5.00	ng	0.00
25) Chrysene-d12	21.07	240	315428	5.00	ng	0.00
32) Perylene-d12	23.36	264	293313	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	32539	4.06	ng	-0.01
5) Phenol-d6	6.74	99	28651	2.50	ng	0.00
7) Nitrobenzene-d5	8.69	82	51251	4.23	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	28077	9.50	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	109170	3.93	ng	0.00
27) Terphenyl-d14	19.53	244	216670	6.21	ng	-0.01
Target Compounds						
24) Fluoranthene	18.96	202	1564	0.02	ng	# 95
26) Pyrene	19.32	202	1751	0.03	ng	# 94
30) Bis(2-ethylhexyl)phthalate	21.01	149	2817	0.22	ng	99

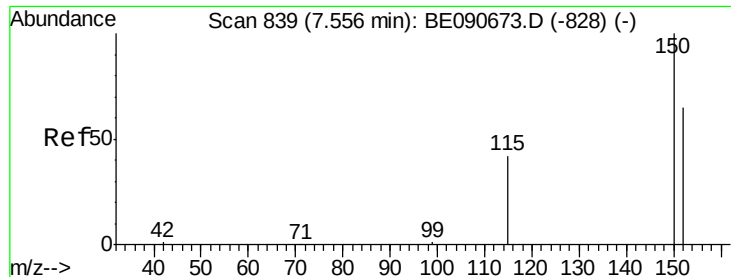
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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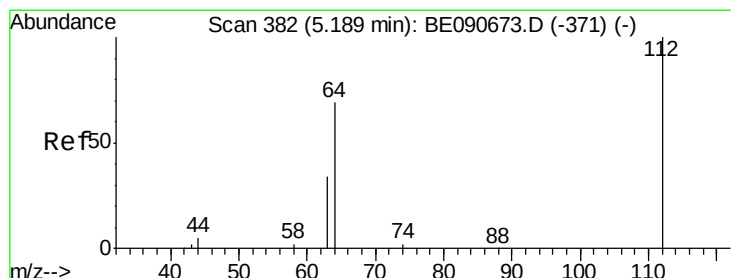
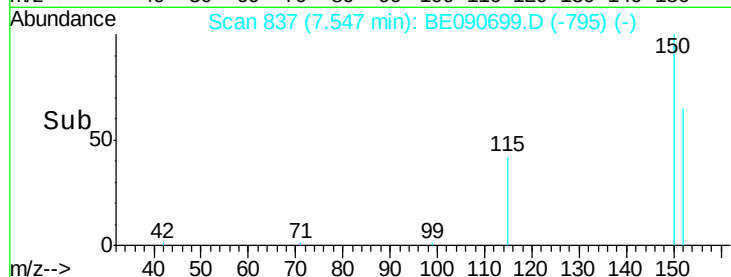
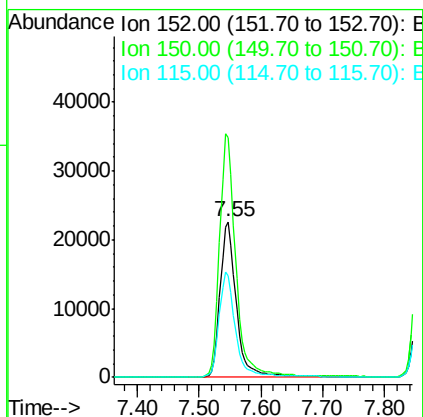
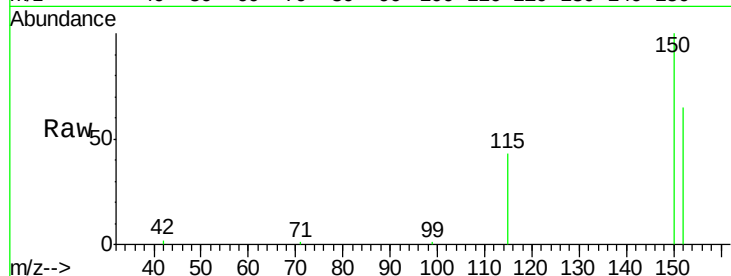


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090699.D
Acq: 2 Sep 2015 11:53

Instrument :
BNA_E
ClientSampleId :
082815-D506-E-D-M

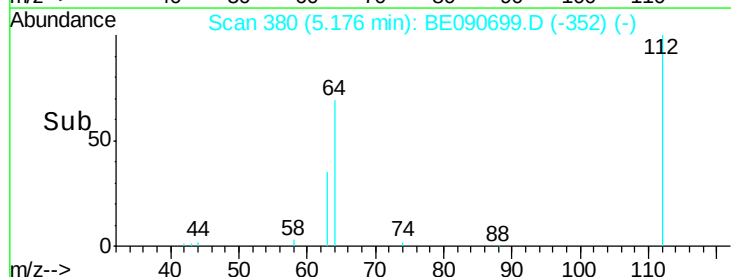
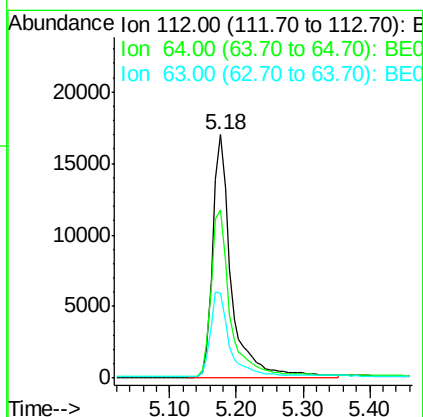
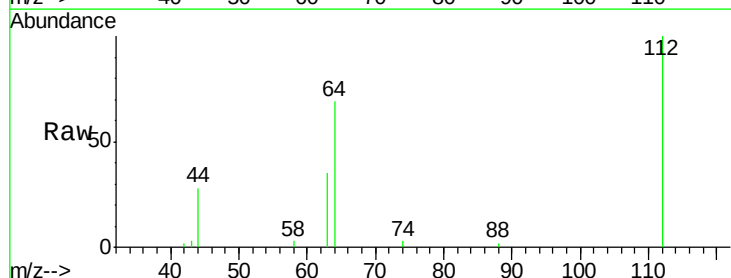
Tgt Ion:152 Resp: 41158
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 65.6 51.0 76.4

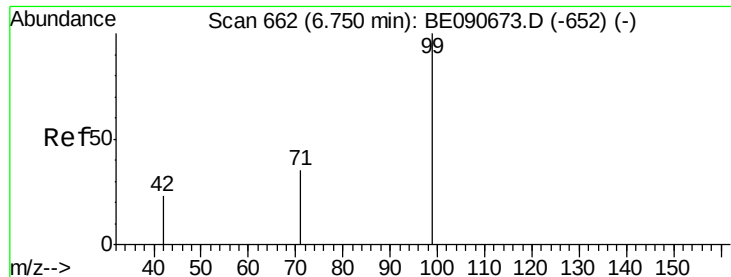


#4

2-Fluorophenol
Concen: 4.06 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090699.D
Acq: 2 Sep 2015 11:53

Tgt Ion:112 Resp: 32539
Ion Ratio Lower Upper
112 100
64 71.6 57.3 85.9
63 35.8 29.2 43.8





#5

Phenol-d6

Concen: 2.50 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

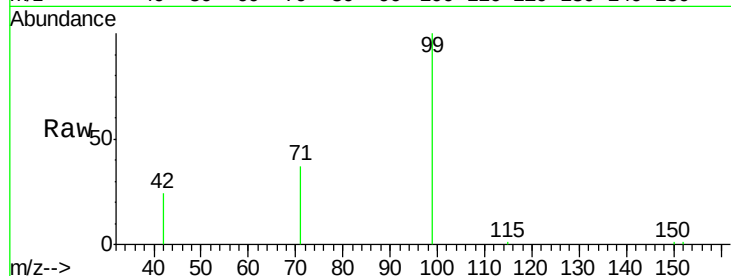
Tgt Ion: 99 Resp: 28651

Ion Ratio Lower Upper

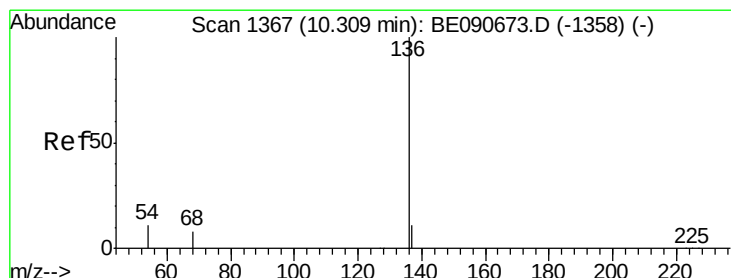
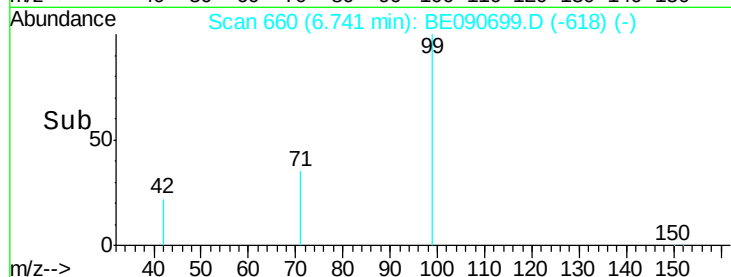
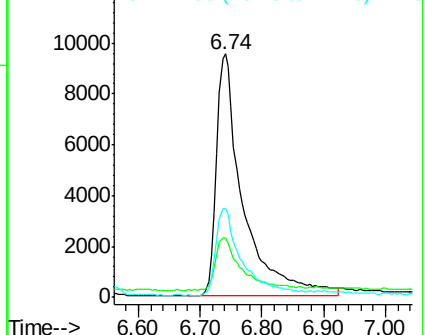
99 100

42 21.2 16.8 25.2

71 35.3 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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Tgt Ion: 136 Resp: 183189

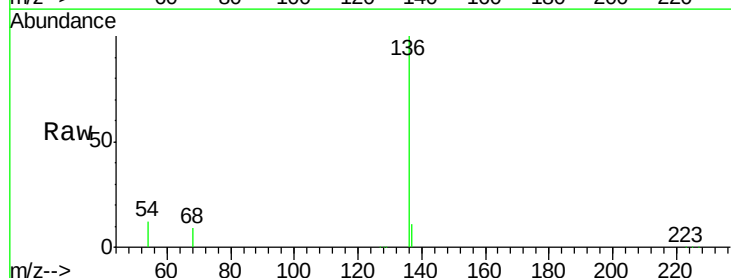
Ion Ratio Lower Upper

136 100

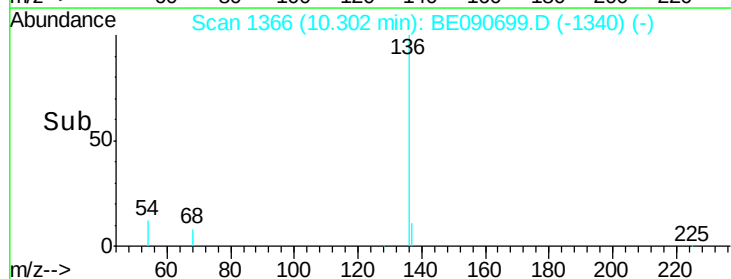
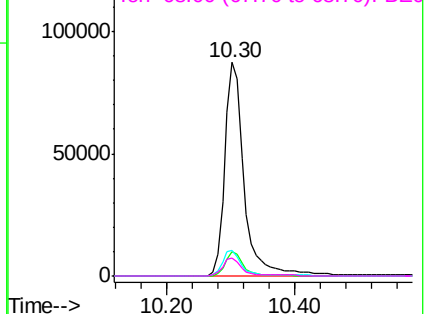
137 11.1 8.7 13.1

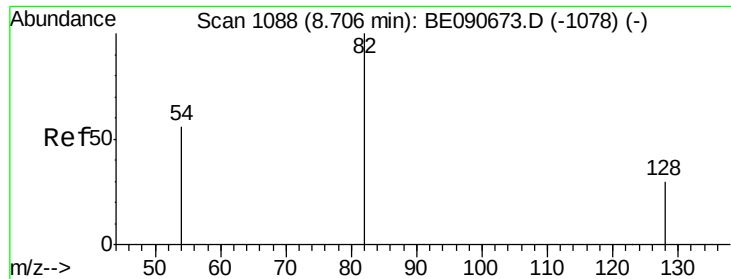
54 12.1 9.0 13.6

68 8.6 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: 4.23 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

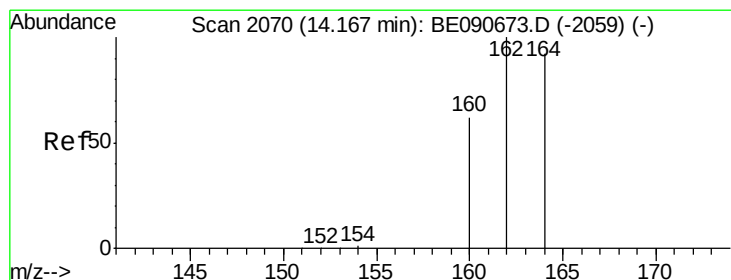
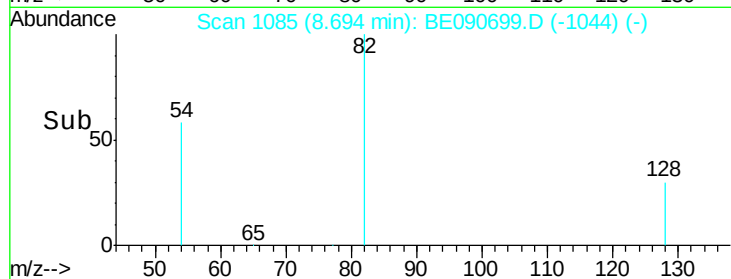
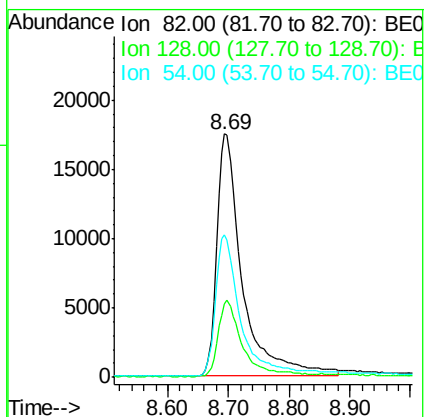
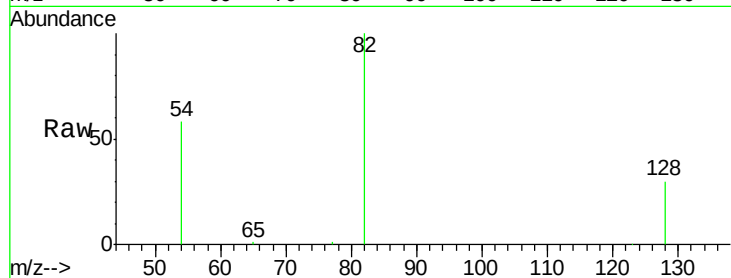
Tgt Ion: 82 Resp: 51251

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 58.5 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

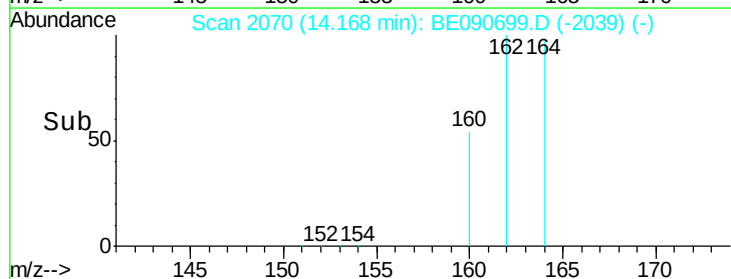
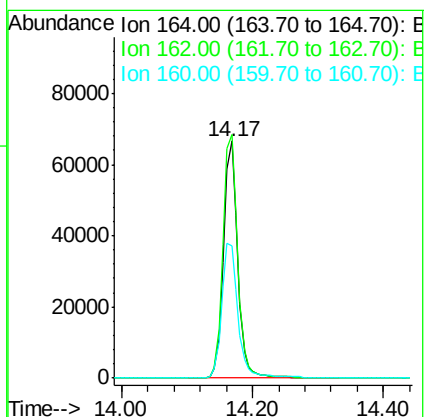
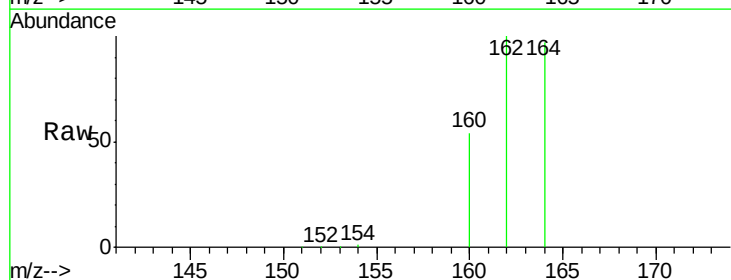
Tgt Ion: 164 Resp: 100347

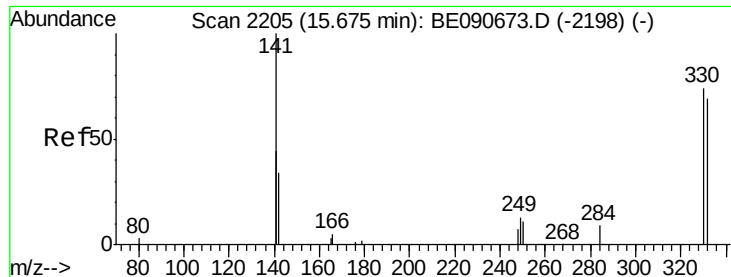
Ion Ratio Lower Upper

164 100

162 102.9 86.8 130.2

160 55.6 53.9 80.9

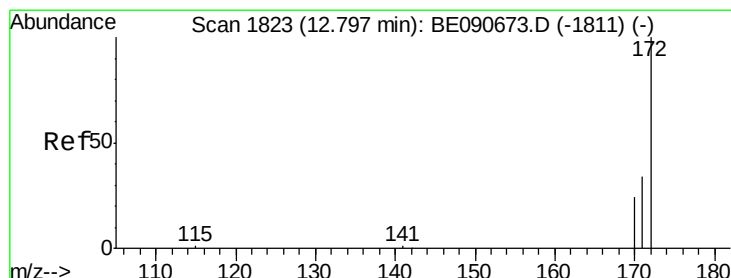
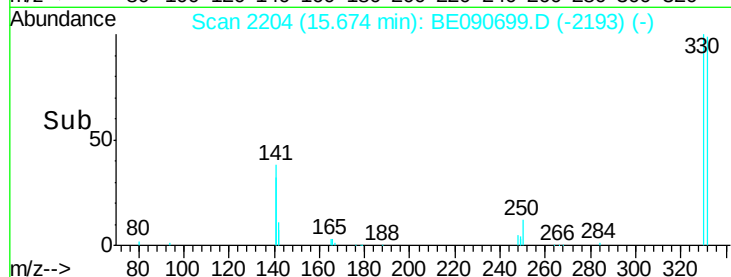
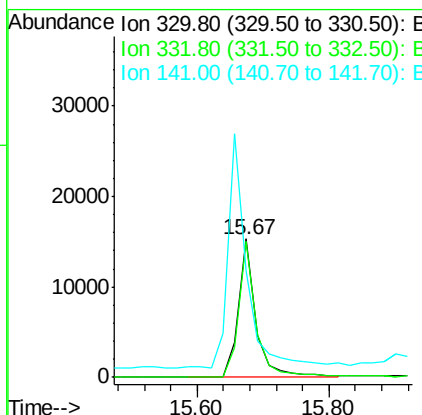
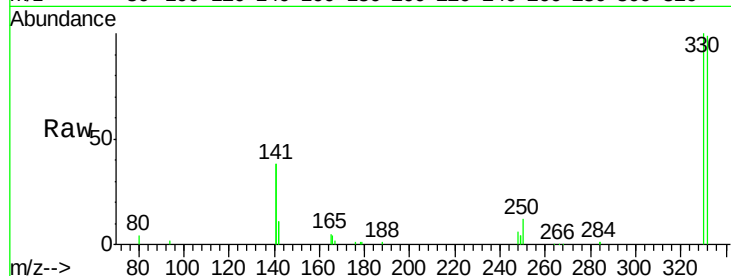




#13
 2,4,6-Tribromophenol
 Concen: 9.50 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

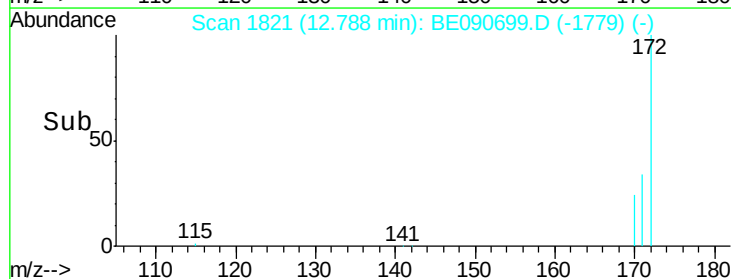
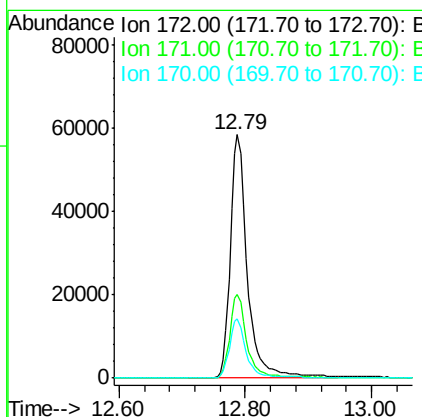
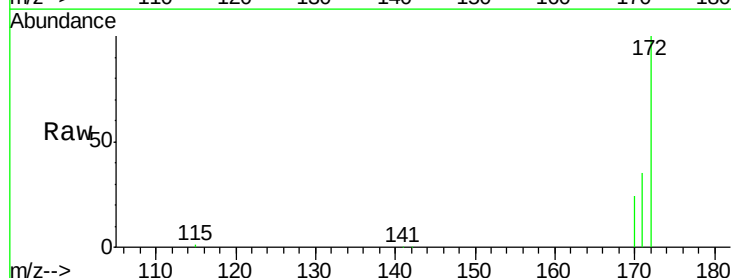
Instrument :
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 082815-D506-E-D-M

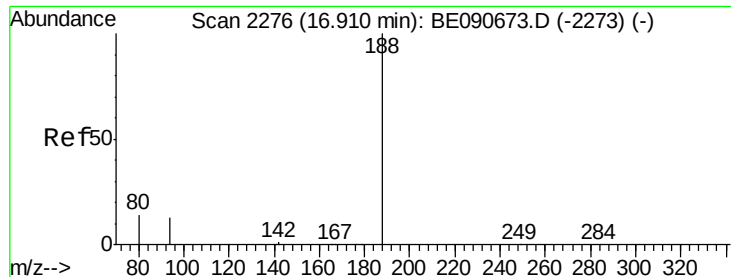
Tgt Ion: 330 Resp: 28077
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.9 112.3
 141 179.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.93 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Tgt Ion: 172 Resp: 109170
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 24.3 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: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

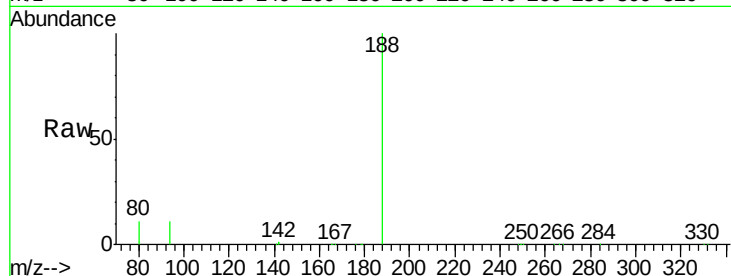
Tgt Ion:188 Resp: 257171

Ion Ratio Lower Upper

188 100

94 10.6 10.3 15.5

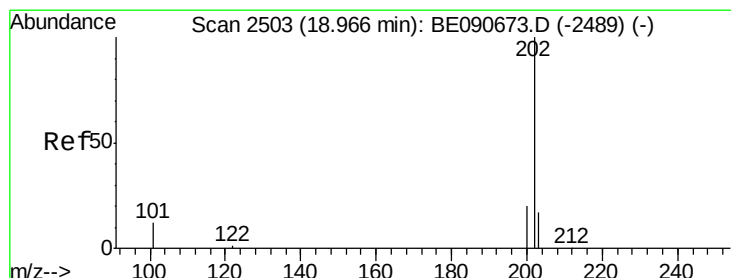
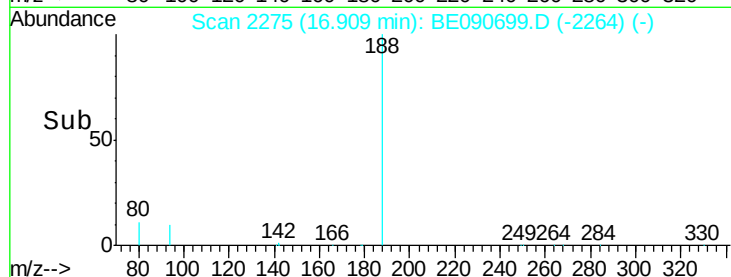
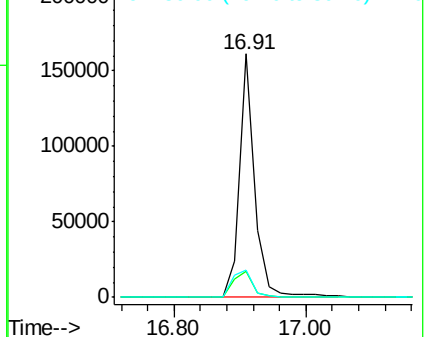
80 11.4 11.0 16.6



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



#24

Fluoranthene

Concen: 0.02 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

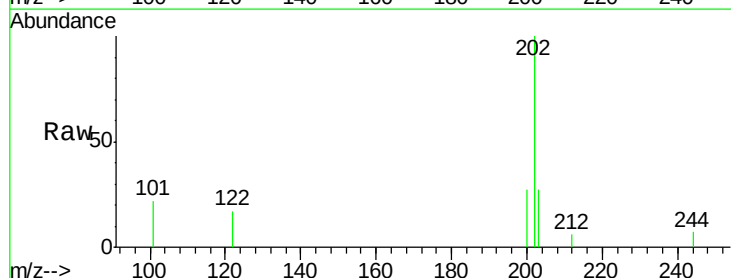
Tgt Ion:202 Resp: 1564

Ion Ratio Lower Upper

202 100

101 17.5 11.0 16.6#

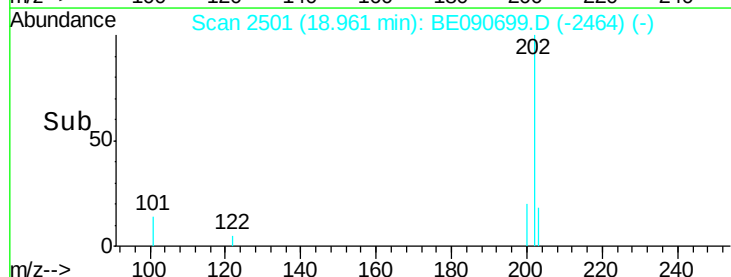
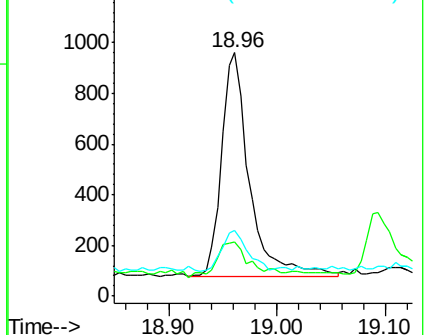
203 16.9 13.9 20.9

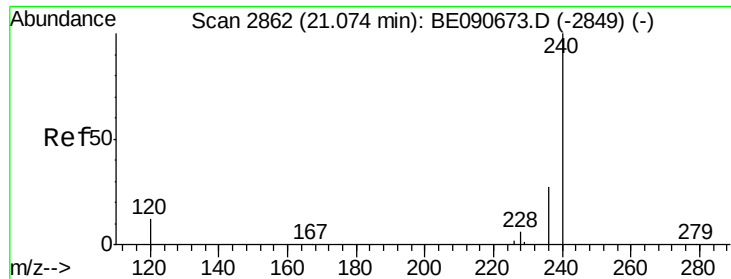


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

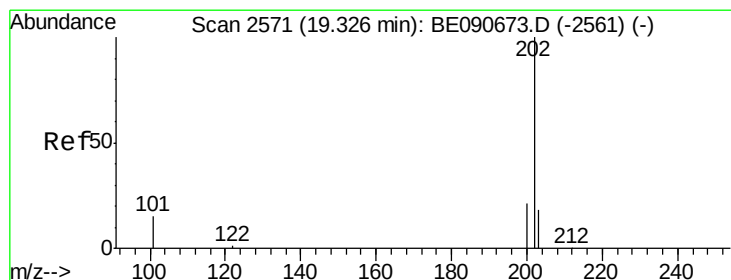
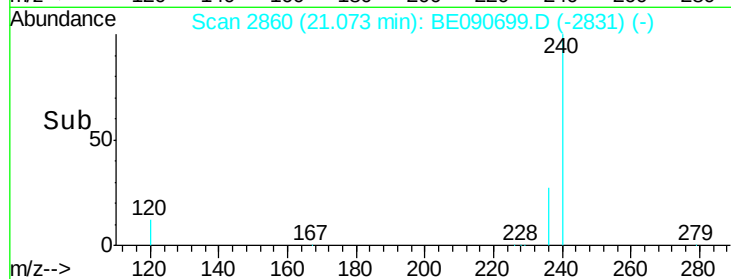
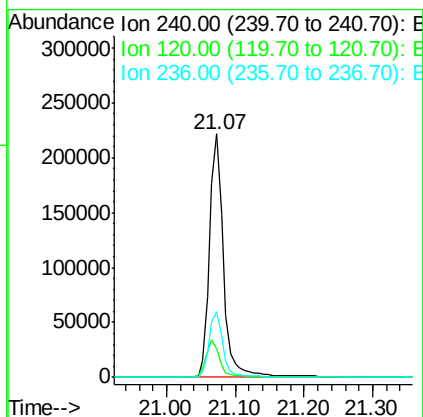
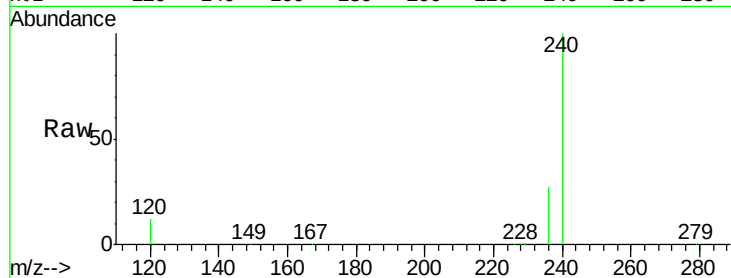




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090699.D
Acq: 2 Sep 2015 11:53

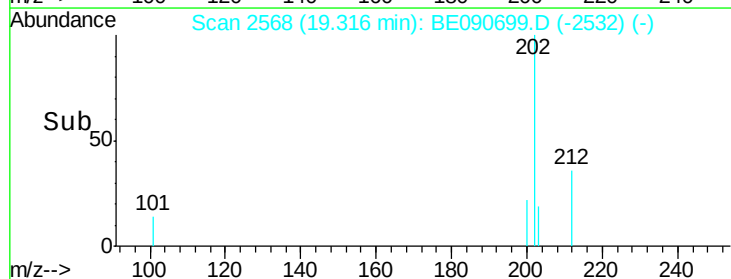
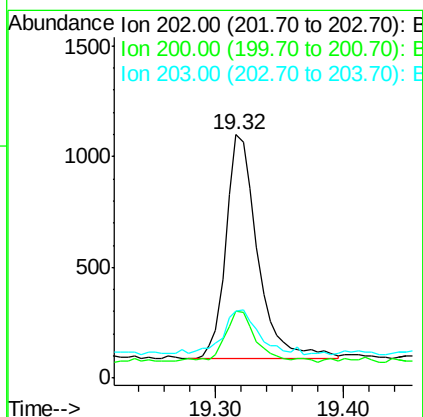
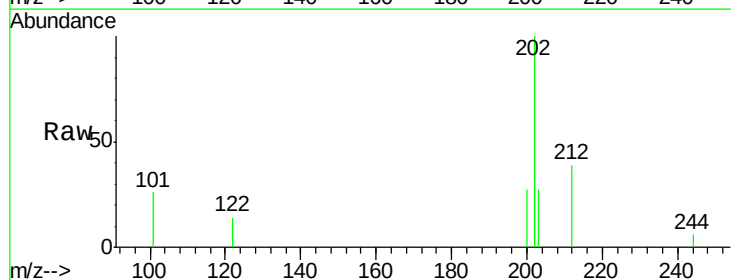
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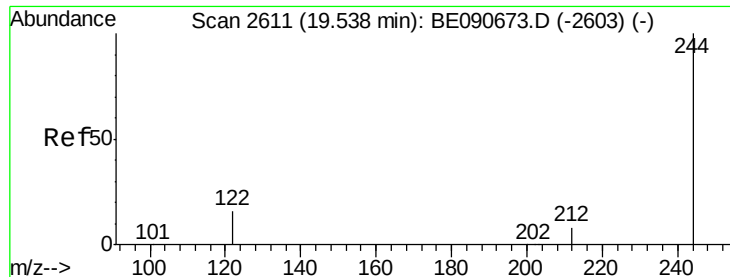
Tgt Ion: 240 Resp: 315428
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 26.8 21.9 32.9



#26
Pyrene
Concen: 0.03 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090699.D
Acq: 2 Sep 2015 11:53

Tgt Ion: 202 Resp: 1751
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 21.4 13.8 20.6#

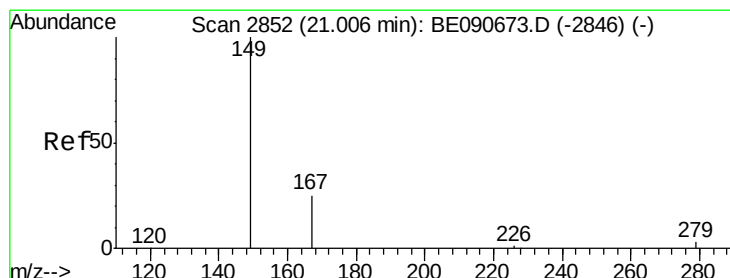
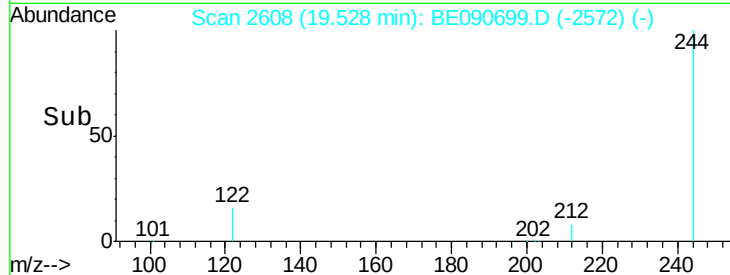
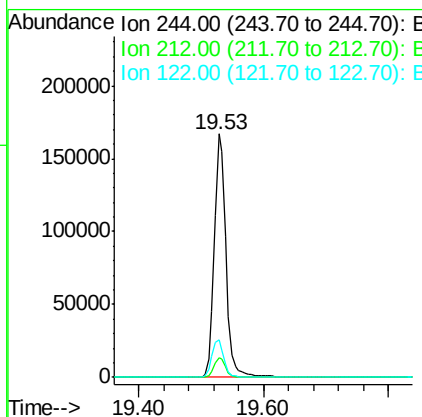
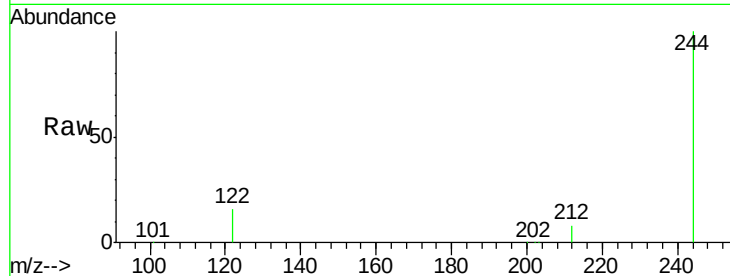




#27
 Terphenyl-d14
 Concen: 6.21 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

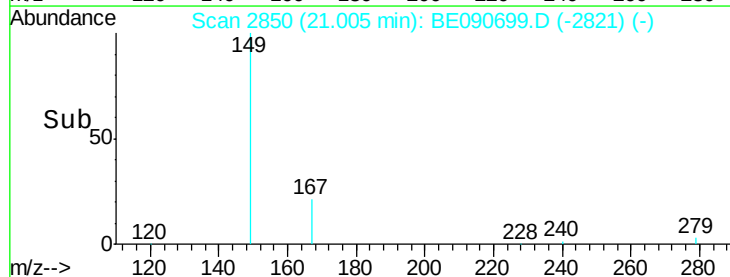
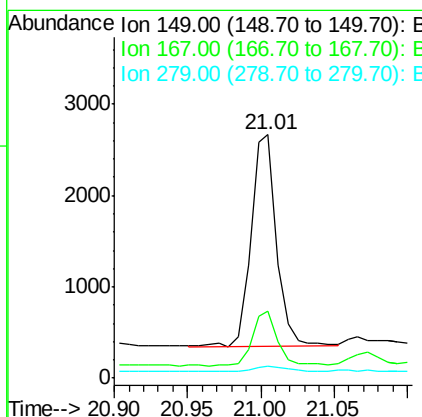
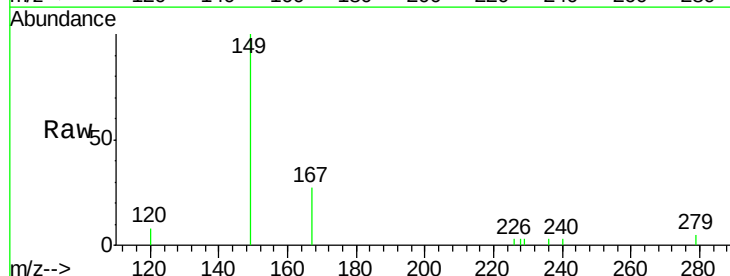
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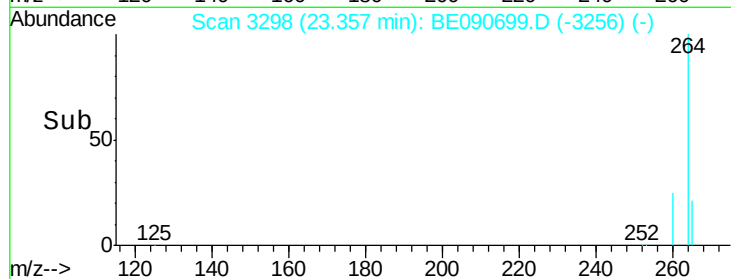
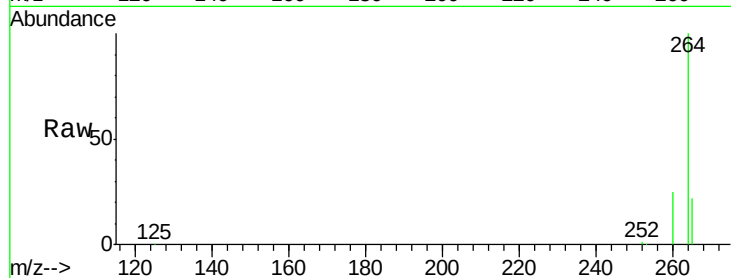
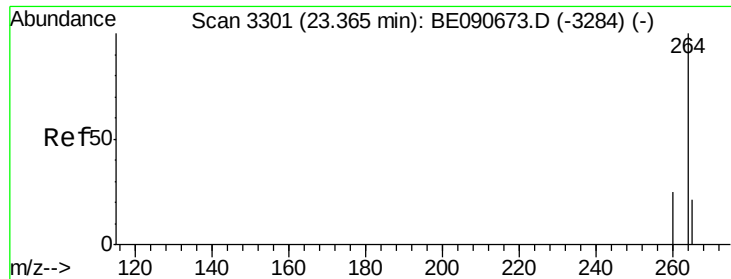
Tgt Ion: 244 Resp: 216670
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 15.6 12.9 19.3



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.01 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Tgt Ion: 149 Resp: 2817
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.1 30.1
 279 3.2 2.3 3.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

Tgt Ion: 264 Resp: 293313

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.7 17.5 26.3

