

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090143.D
 Acq On : 17 Jul 2015 6:31
 Operator : TP/IZ
 Sample : G2948-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW10

Quant Time: Jul 17 13:44:02 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

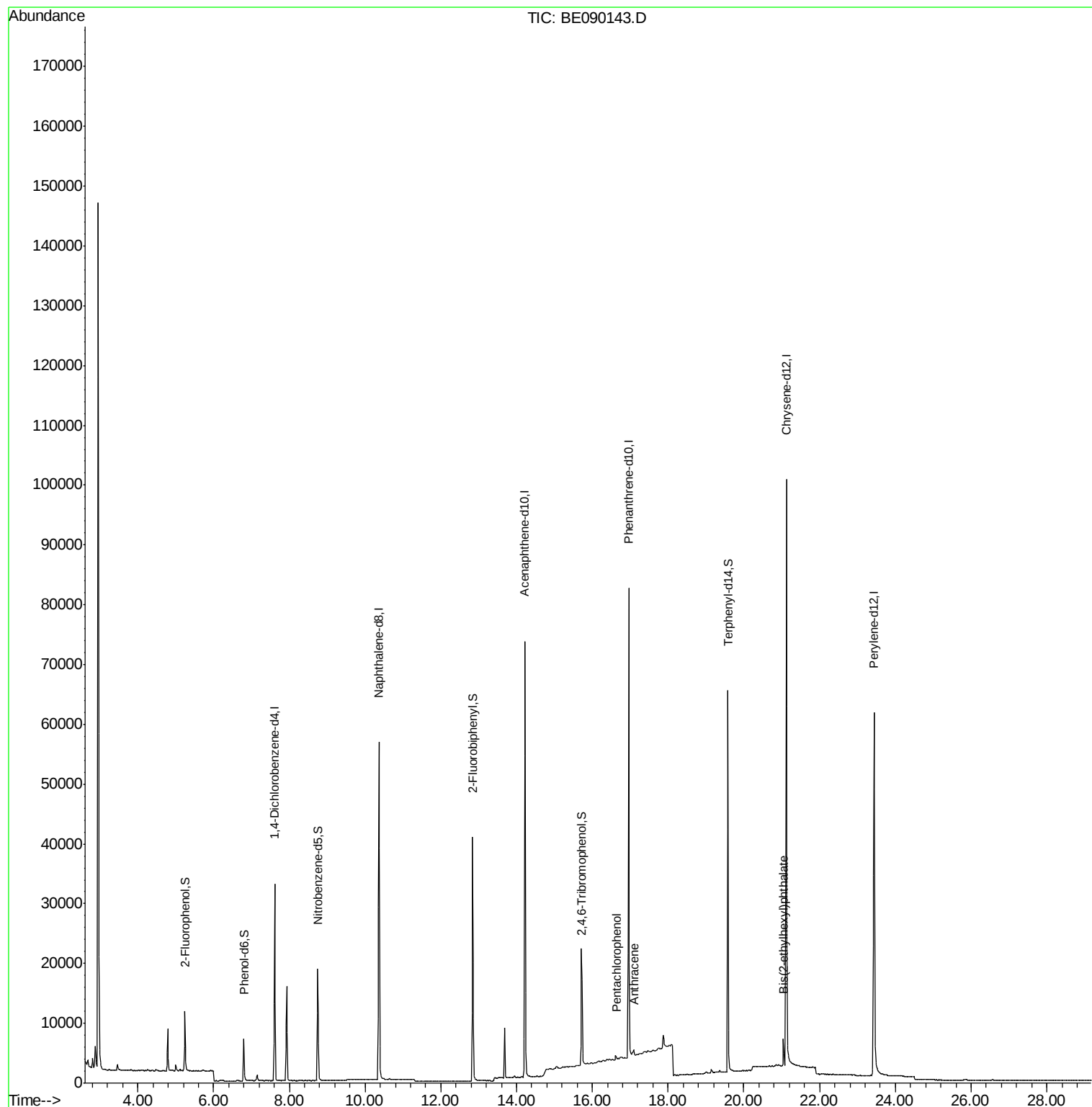
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	15538	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	75680	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	42773	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	93053	5.00	ng	0.00
25) Chrysene-d12	21.12	240	98378	5.00	ng	0.00
32) Perylene-d12	23.44	264	89899	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	7469	2.24	ng	0.00
5) Phenol-d6	6.80	99	7804	1.66	ng	0.00
7) Nitrobenzene-d5	8.75	82	16931	3.02	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9845	7.90	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	40229	3.06	ng	0.00
27) Terphenyl-d14	19.58	244	69716	4.23	ng	0.00
Target Compounds						Qvalue
21) Pentachlorophenol	16.63	266	414	0.93	ng	98
23) Anthracene	17.10	178	1664	0.08	ng	96
30) Bis(2-ethylhexyl)phthalate	21.05	149	4525	1.31	ng	# 94

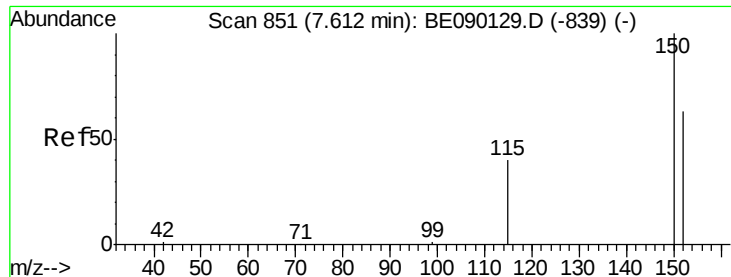
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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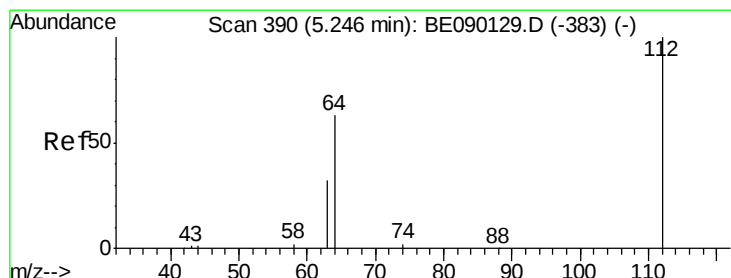
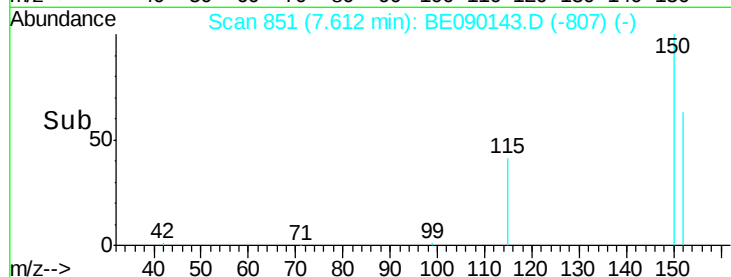
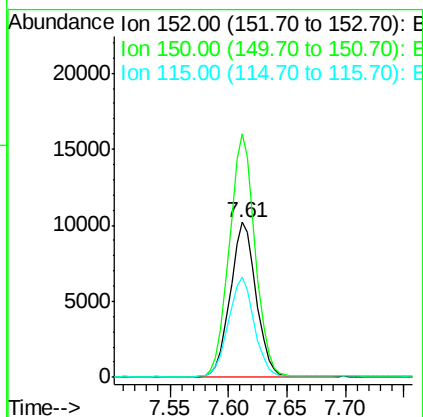
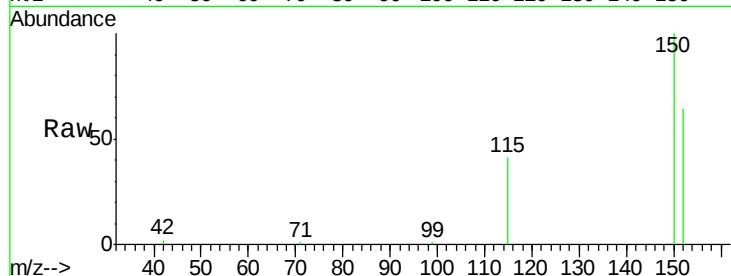


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 851
Delta R.T. 0.00 min
Lab File: BE090143.D
Acq: 17 Jul 2015 6:31

Instrument :
BNA_E
ClientSampleId :
YT-MW10

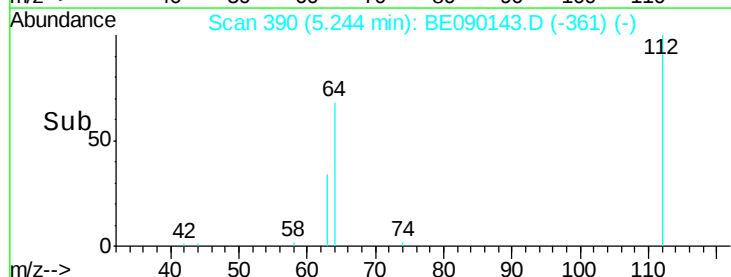
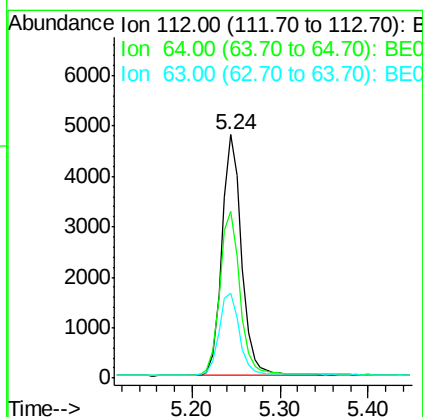
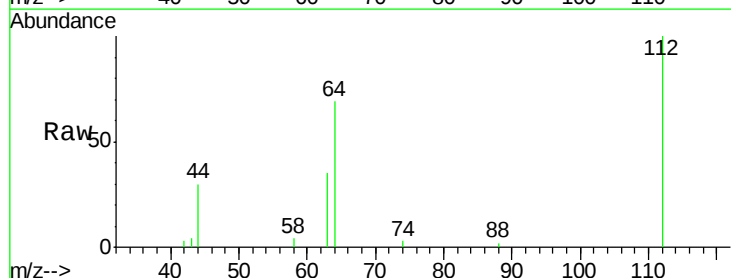
Tgt Ion:152 Resp: 15538
Ion Ratio Lower Upper
152 100
150 157.2 127.3 190.9
115 64.9 51.0 76.4

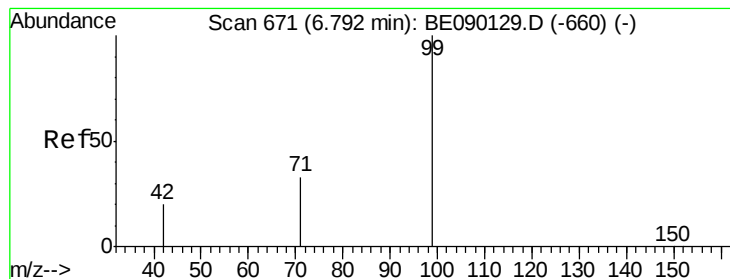


#4

2-Fluorophenol
Concen: 2.24 ng
RT: 5.24 min Scan# 390
Delta R.T. -0.00 min
Lab File: BE090143.D
Acq: 17 Jul 2015 6:31

Tgt Ion:112 Resp: 7469
Ion Ratio Lower Upper
112 100
64 70.2 55.4 83.2
63 35.3 29.3 43.9





#5

Phenol-d6

Concen: 1.66 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

Instrument :

BNA_E

ClientSampleId :

YT-MW10

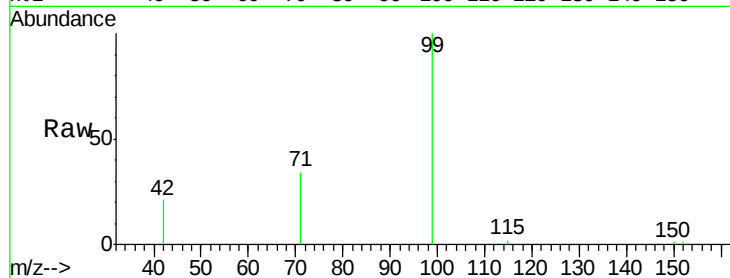
Tgt Ion: 99 Resp: 7804

Ion Ratio Lower Upper

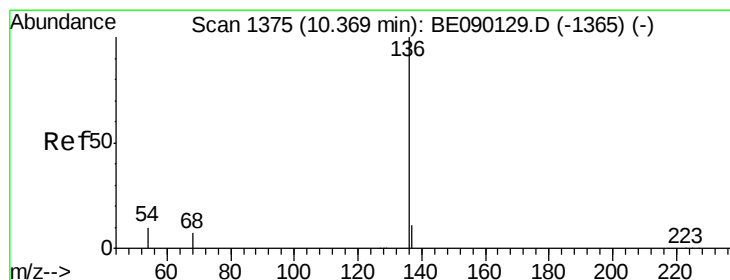
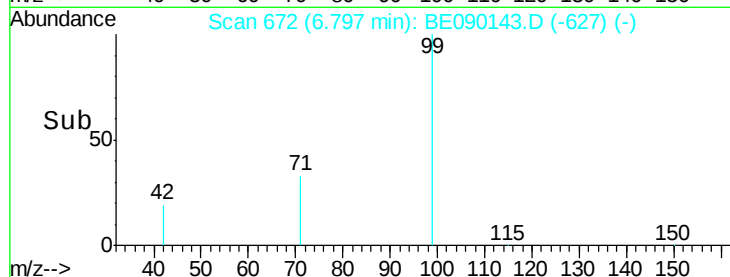
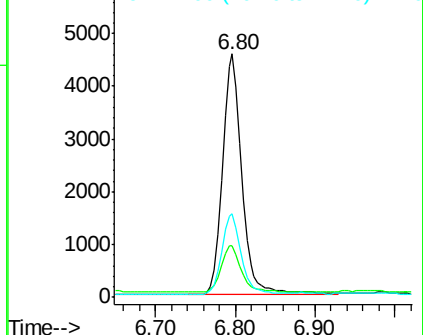
99 100

42 19.8 16.8 25.2

71 33.5 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: BE090143.D

Acq: 17 Jul 2015 6:31

Tgt Ion: 136 Resp: 75680

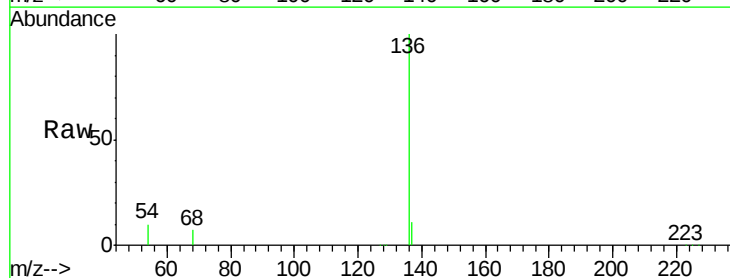
Ion Ratio Lower Upper

136 100

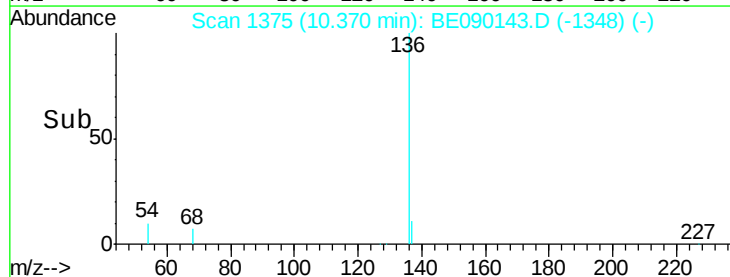
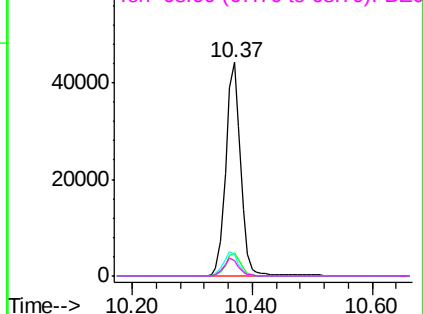
137 11.0 8.9 13.3

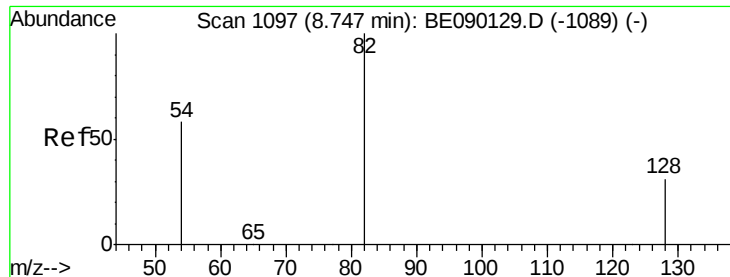
54 10.0 7.8 11.8

68 7.4 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: 3.02 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

Instrument :

BNA_E

ClientSampled :

YT-MW10

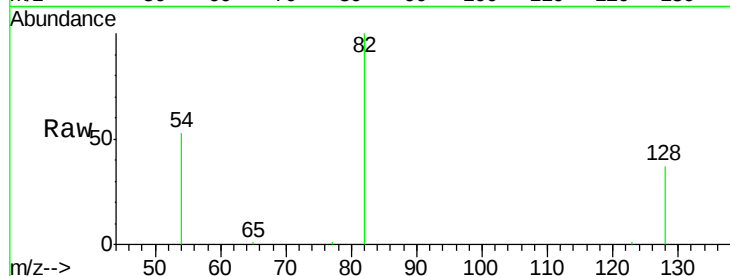
Tgt Ion: 82 Resp: 16931

Ion Ratio Lower Upper

82 100

128 37.0 26.2 39.2

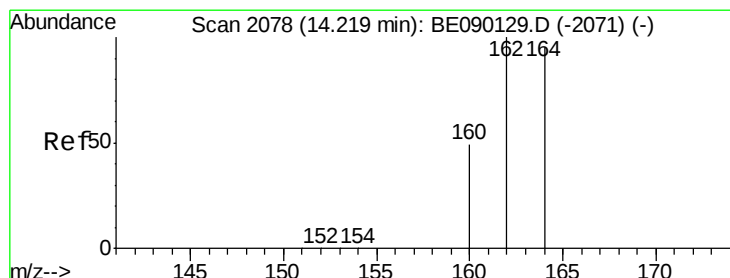
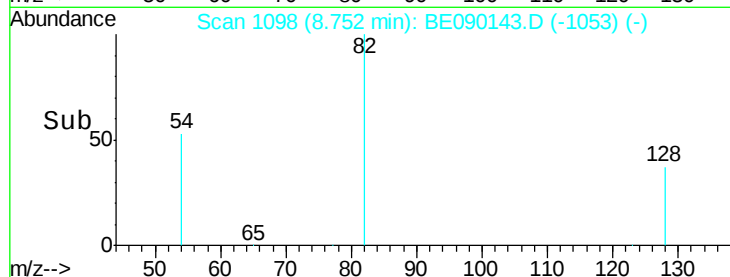
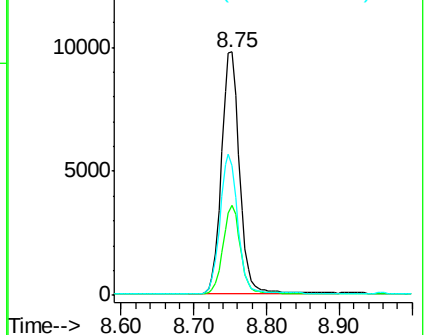
54 53.5 47.1 70.7



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: 14.22 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

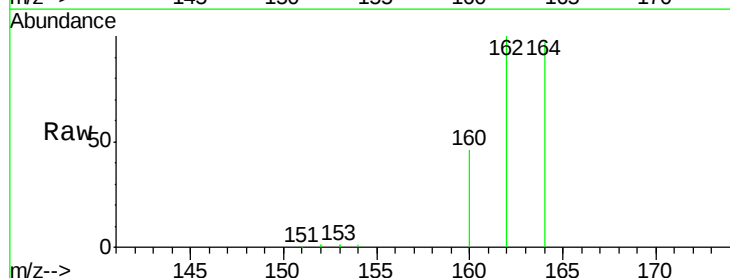
Tgt Ion: 164 Resp: 42773

Ion Ratio Lower Upper

164 100

162 103.5 84.0 126.0

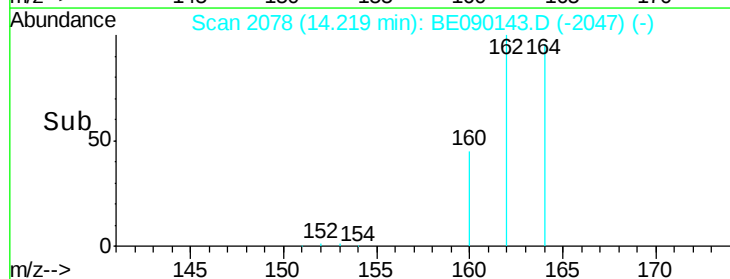
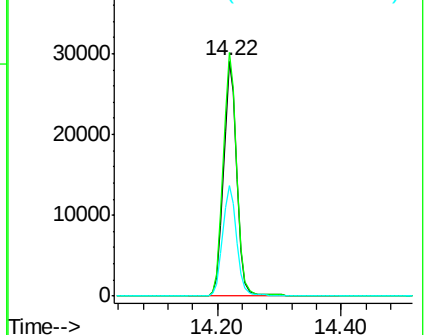
160 47.1 41.1 61.7

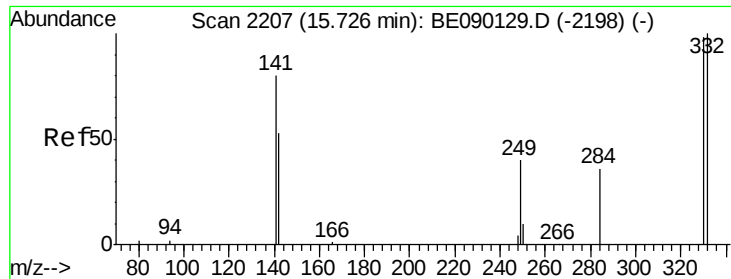


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

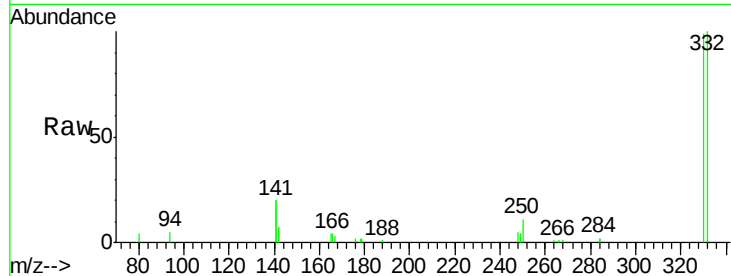




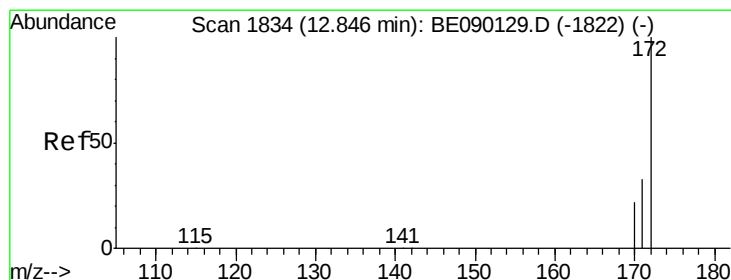
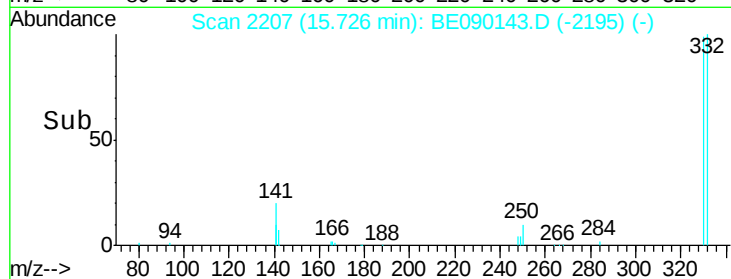
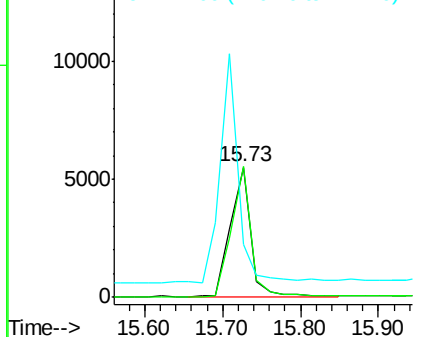
#13
 2,4,6-Tribromophenol
 Concen: 7.90 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090143.D
 Acq: 17 Jul 2015 6:31

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW10

Tgt Ion: 330 Resp: 9845
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.4 119.0
 141 161.0 160.2 240.2

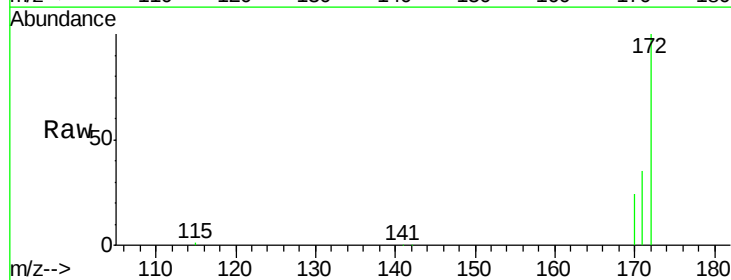


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

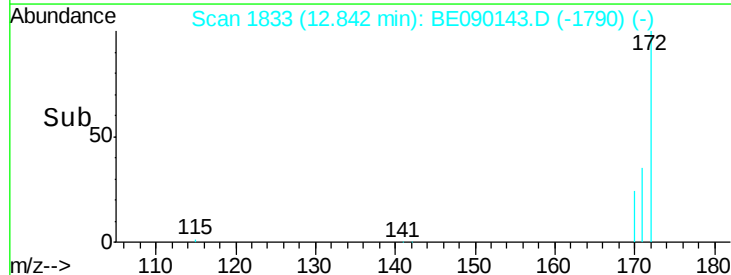
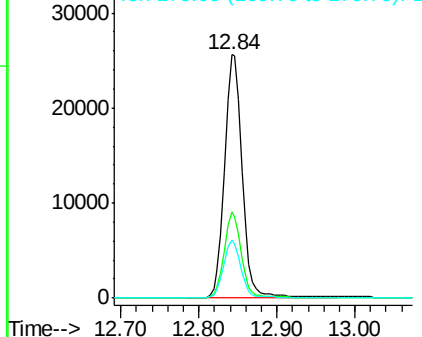


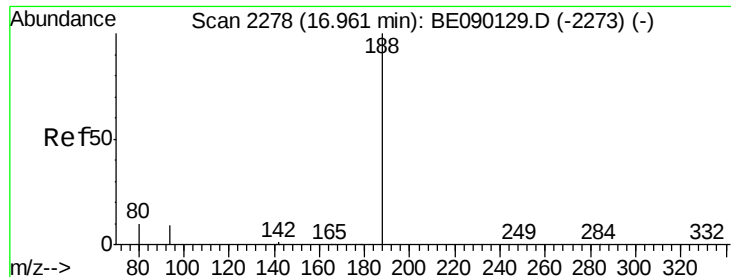
#14
 2-Fluorobiphenyl
 Concen: 3.06 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090143.D
 Acq: 17 Jul 2015 6:31

Tgt Ion: 172 Resp: 40229
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.1 40.7
 170 23.8 17.9 26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

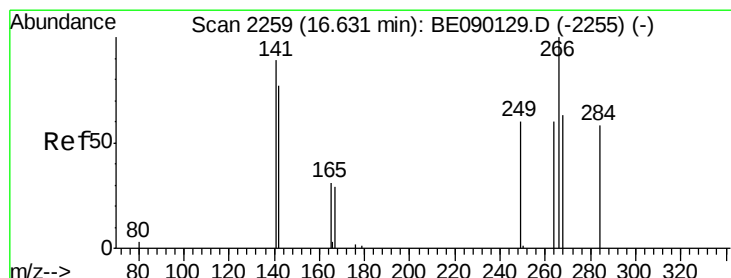
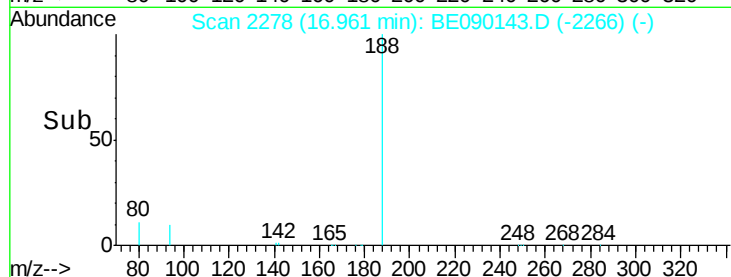
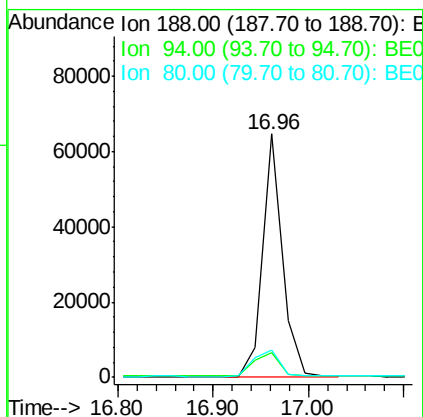
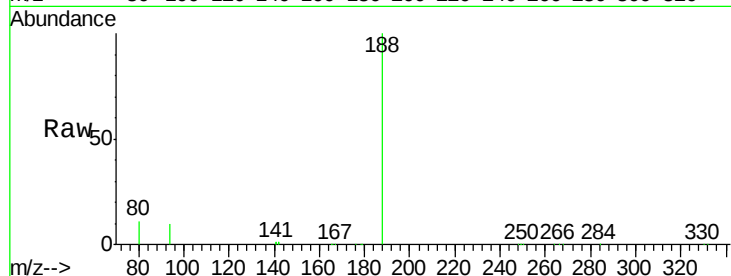




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090143.D
Acq: 17 Jul 2015 6:31

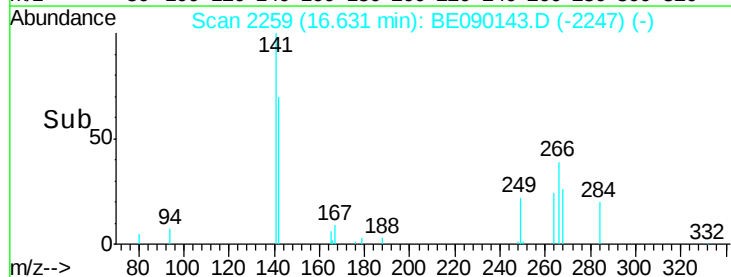
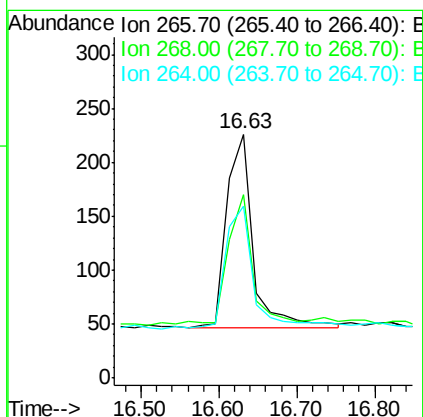
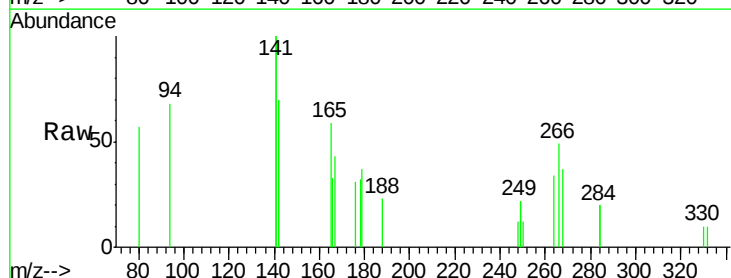
Instrument :
BNA_E
ClientSampleId :
YT-MW10

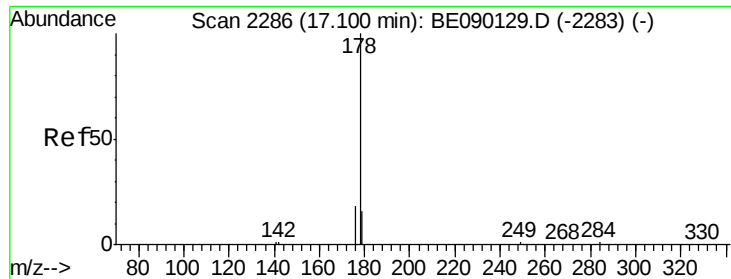
Tgt Ion:188 Resp: 93053
Ion Ratio Lower Upper
188 100
94 10.3 7.3 10.9
80 11.0 8.0 12.0



#21
Pentachlorophenol
Concen: 0.93 ng
RT: 16.63 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090143.D
Acq: 17 Jul 2015 6:31

Tgt Ion:266 Resp: 414
Ion Ratio Lower Upper
266 100
268 75.2 58.2 87.2
264 70.4 55.8 83.6





#23

Anthracene

Concen: 0.08 ng

RT: 17.10 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

Instrument :

BNA_E

ClientSampleId :

YT-MW10

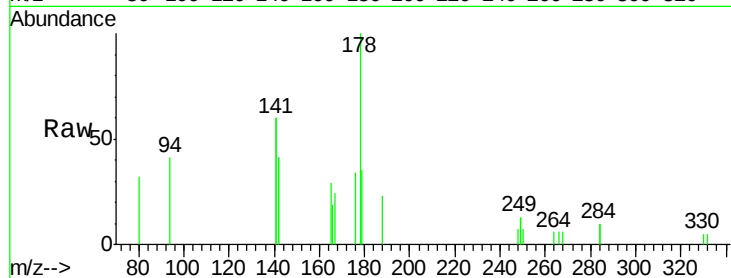
Tgt Ion:178 Resp: 1664

Ion Ratio Lower Upper

178 100

176 19.8 14.7 22.1

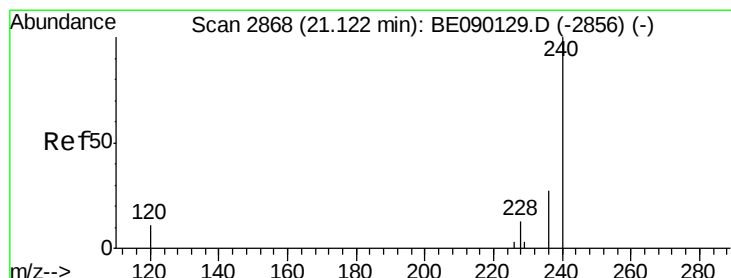
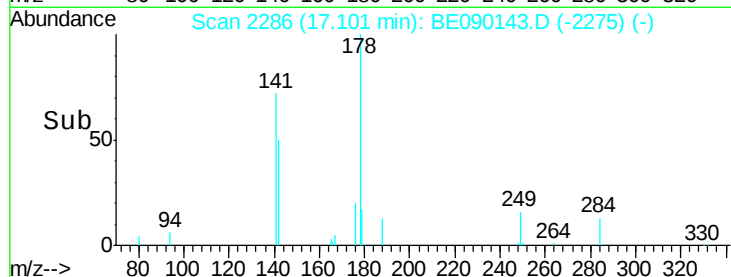
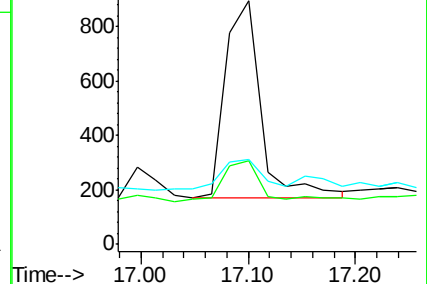
179 17.7 12.2 18.4



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

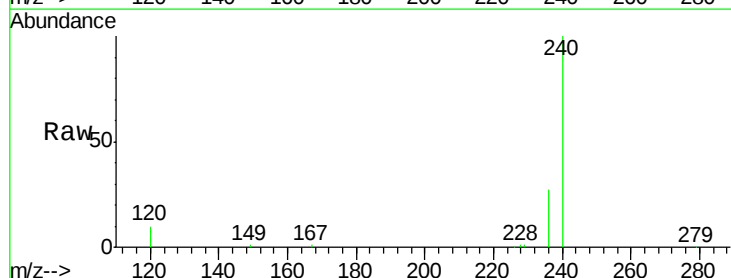
Tgt Ion:240 Resp: 98378

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

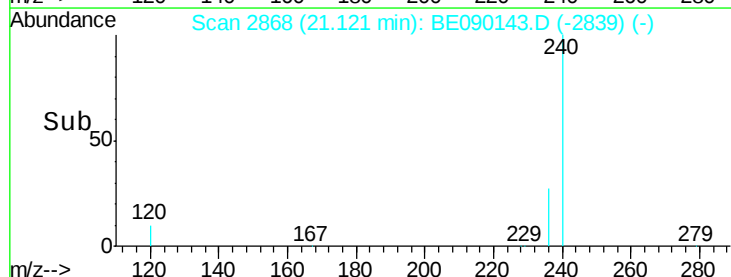
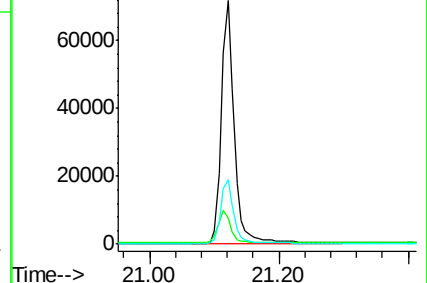
236 26.7 21.4 32.0

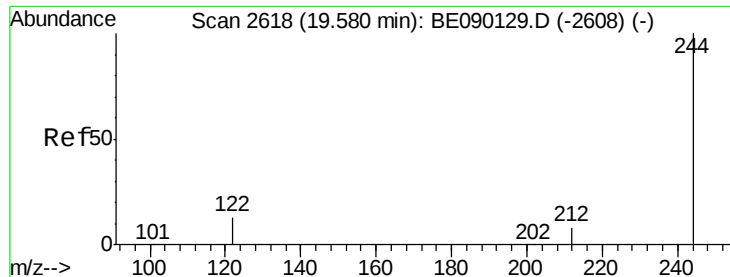


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

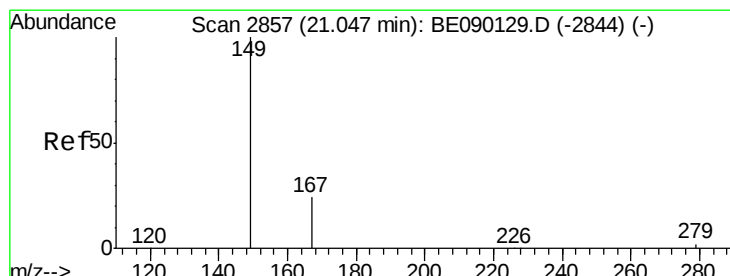
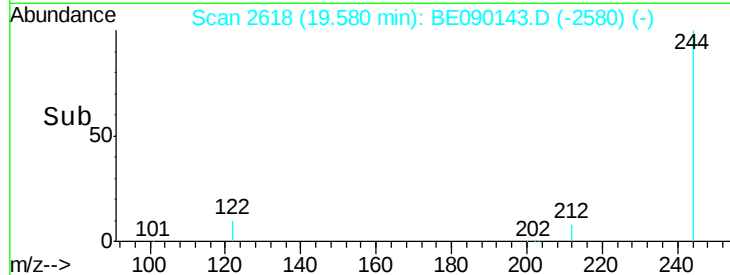
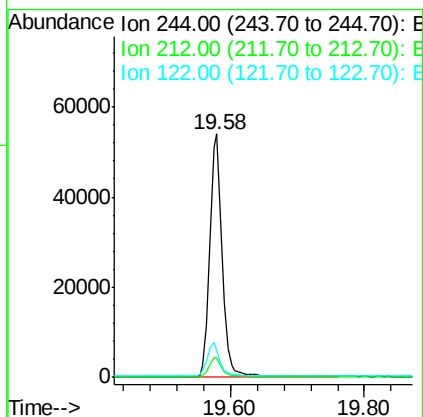
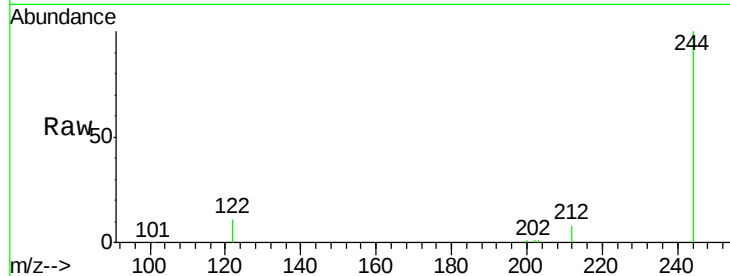




#27
 Terphenyl-d14
 Concen: 4.23 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: BE090143.D
 Acq: 17 Jul 2015 6:31

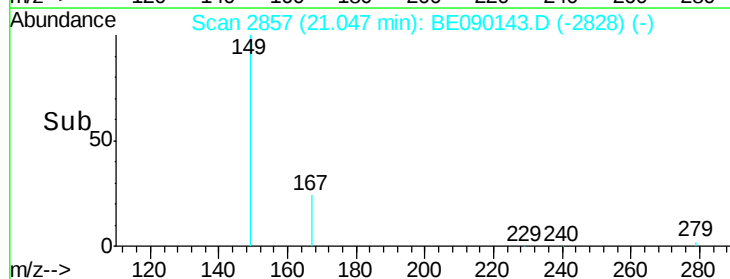
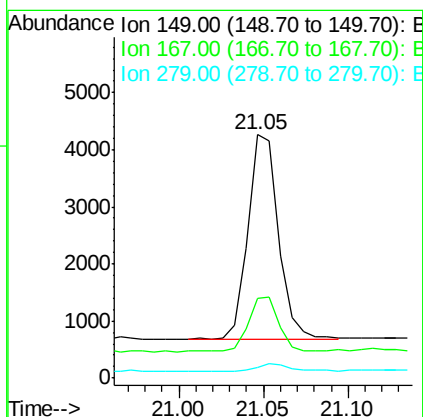
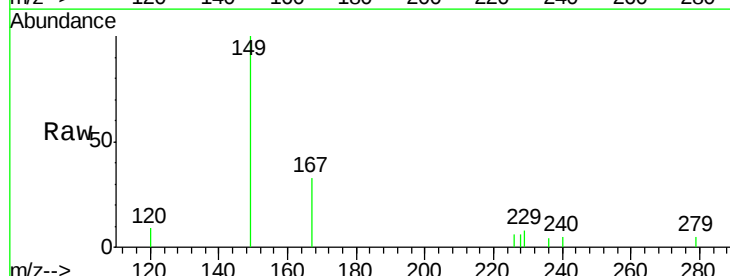
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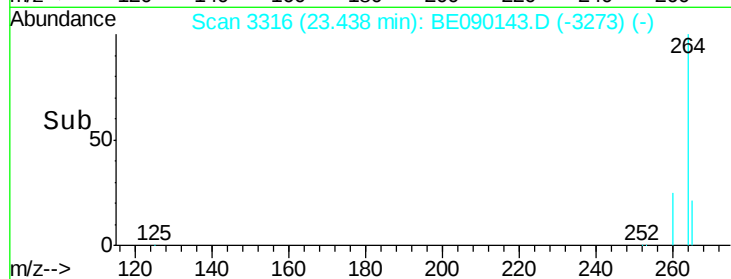
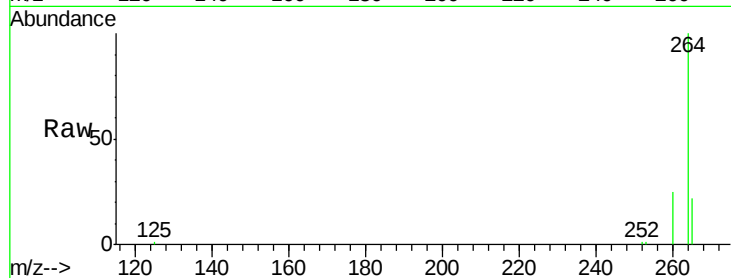
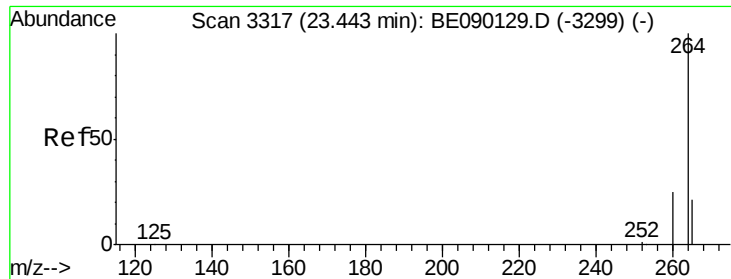
Tgt Ion:244 Resp: 69716
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.7 10.1
 122 11.1 10.7 16.1



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.31 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BE090143.D
 Acq: 17 Jul 2015 6:31

Tgt Ion:149 Resp: 4525
 Ion Ratio Lower Upper
 149 100
 167 26.6 18.6 27.8
 279 3.4 2.2 3.4#





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BE090143.D

Acq: 17 Jul 2015 6:31

Instrument :

BNA_E

ClientSampleId :

YT-MW10

Tgt Ion: 264 Resp: 89899

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 22.2 17.8 26.8

