

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001587.D
 Acq On : 06 Jun 2015 10:28
 Operator : TP/IZ
 Sample : G2491-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW001-150601

Quant Time: Jun 08 13:46:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

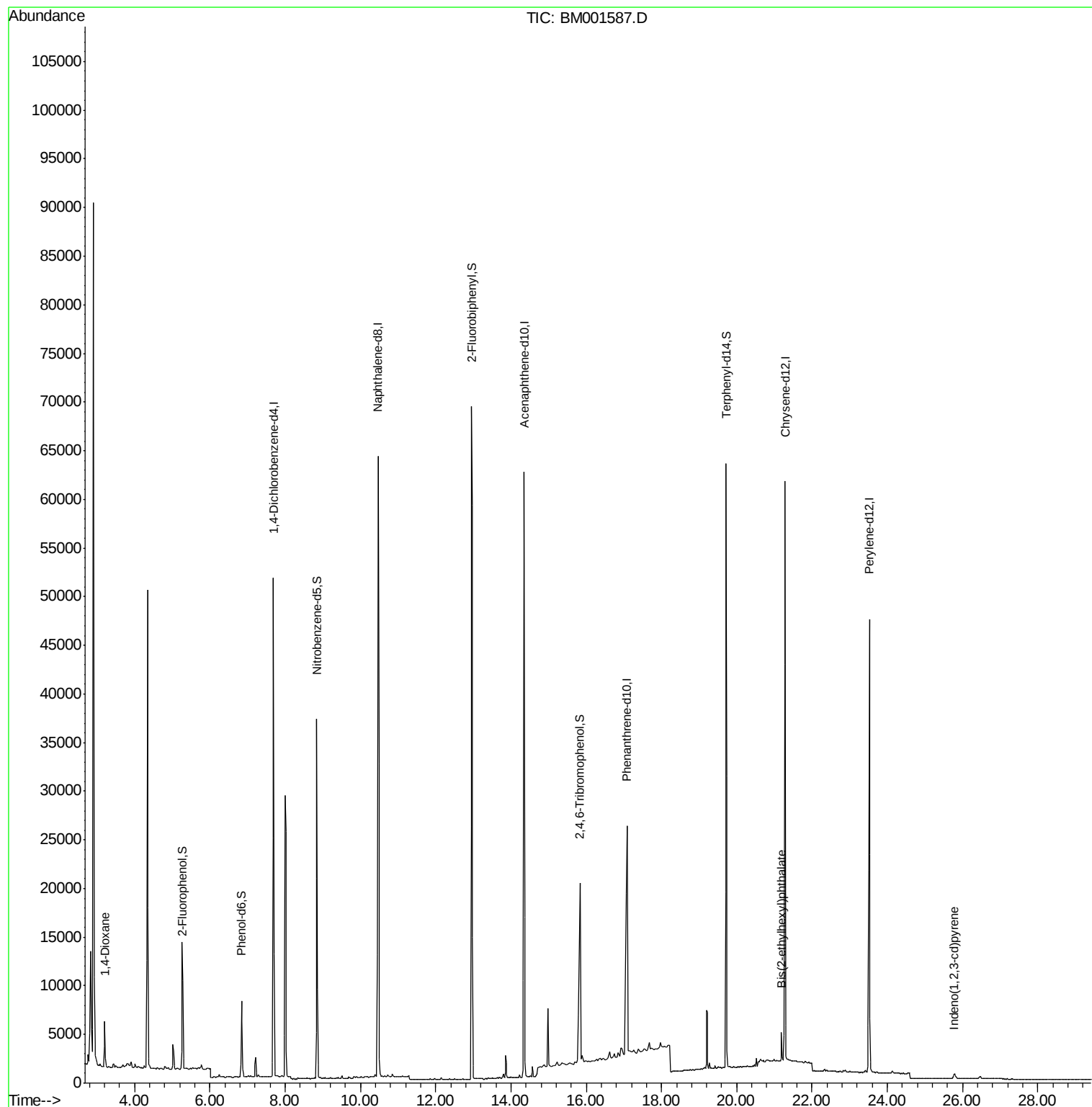
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25282	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	88565	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	40404	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	55601	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67628	5.00	ng	0.00
32) Perylene-d12	23.52	264	62508	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	10926	1.96	ng	0.02
5) Phenol-d6	6.84	99	8954	1.30	ng	0.00
7) Nitrobenzene-d5	8.85	82	31642	5.25	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	17619	9.12	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	68930	5.54	ng	0.00
27) Terphenyl-d14	19.72	244	61040	6.99	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	3089	1.25	ng	Qvalue 97
30) Bis(2-ethylhexyl)phthalate	21.19	149	2796	0.32	ng	99
31) Indeno(1,2,3-cd)pyrene	25.77	276	760	0.04	ng	# 91

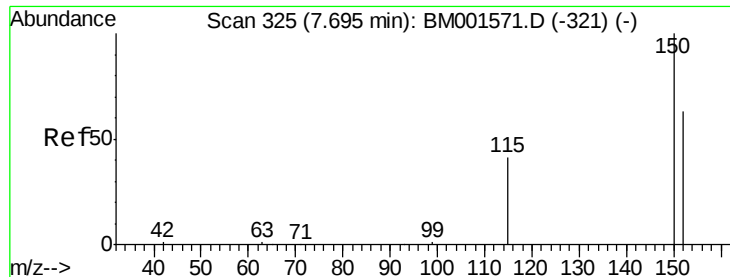
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

Instrument :

BNA_M

ClientSampleId :

LF017MW001-150601

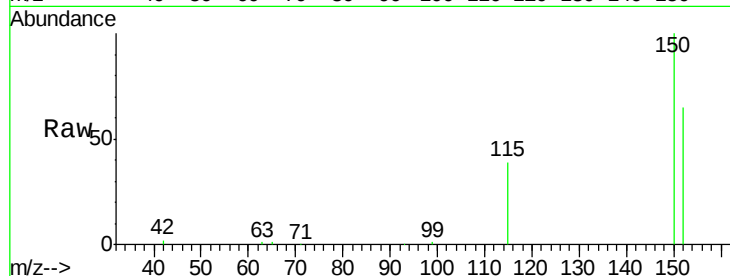
Tgt Ion:152 Resp: 25282

Ion Ratio Lower Upper

152 100

150 153.2 126.6 190.0

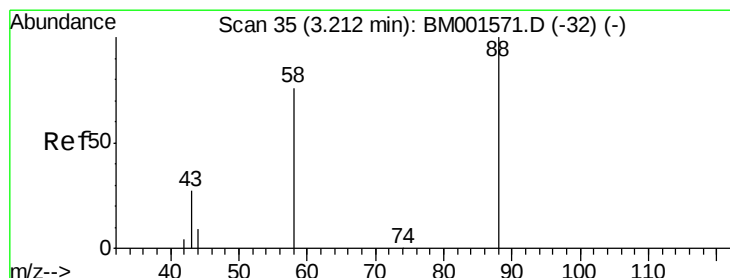
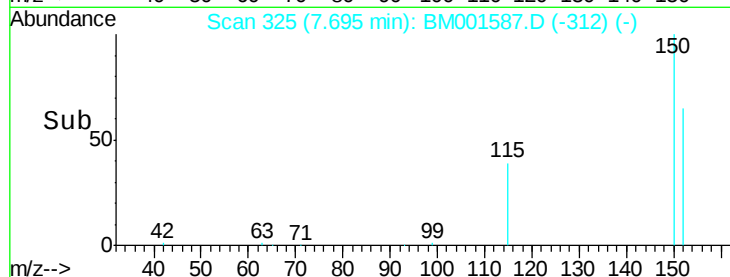
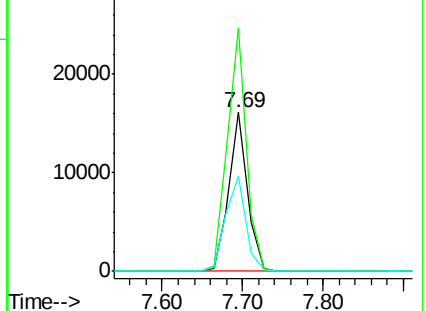
115 59.9 51.6 77.4



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



#2

1,4-Dioxane

Concen: 1.25 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

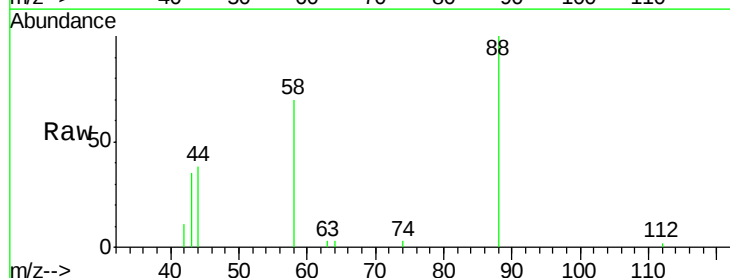
Tgt Ion: 88 Resp: 3089

Ion Ratio Lower Upper

88 100

58 82.3 66.1 99.1

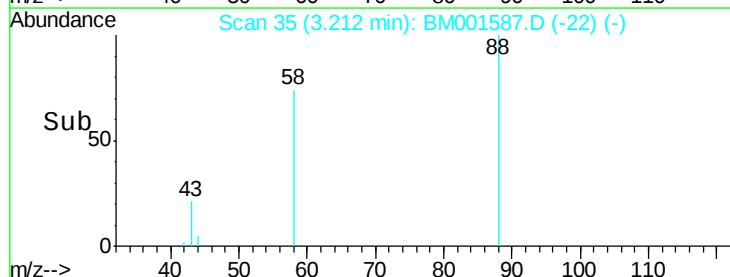
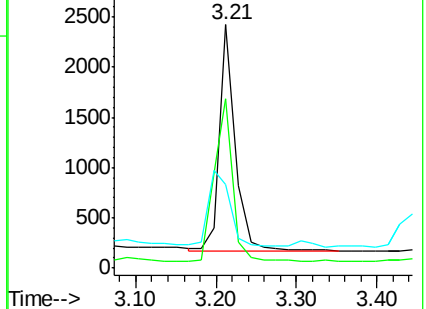
43 46.2 32.3 48.5

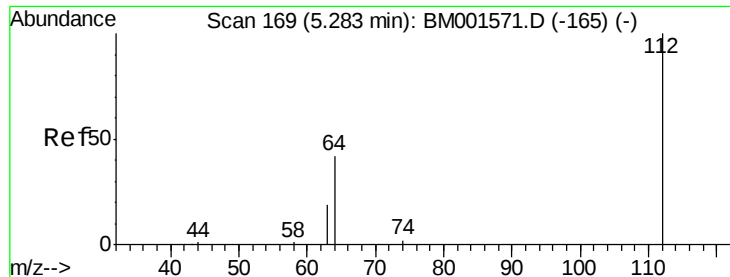


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

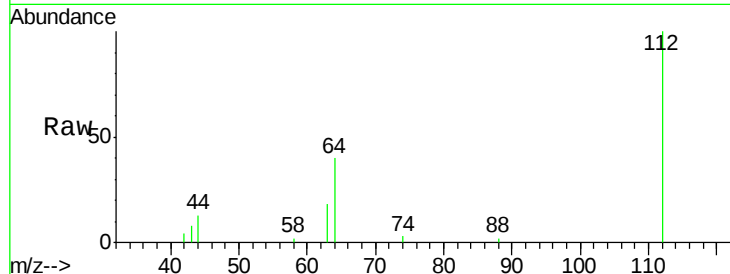




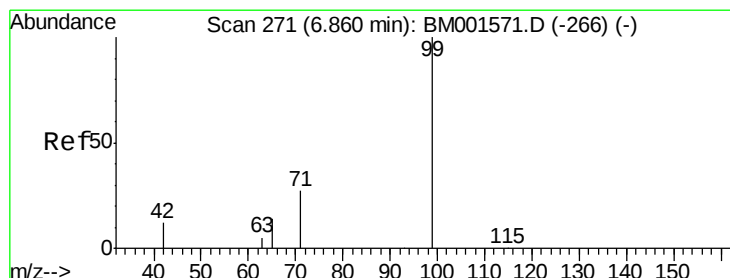
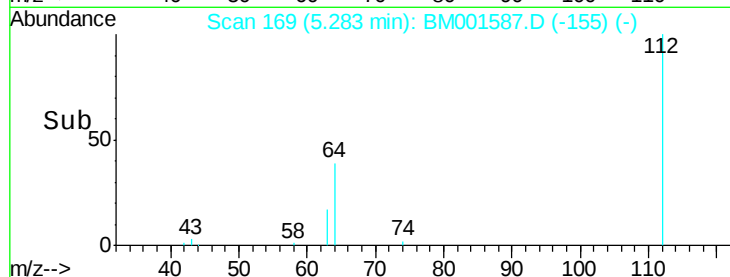
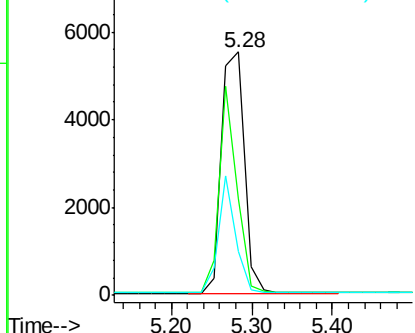
#4
 2-Fluorophenol
 Concen: 1.96 ng
 RT: 5.28 min Scan# 169
 Delta R.T. 0.02 min
 Lab File: BM001587.D
 Acq: 06 Jun 2015 10:28

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW001-150601

Tgt Ion: 112 Resp: 10926
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.3 79.9
 63 36.8 29.7 44.5

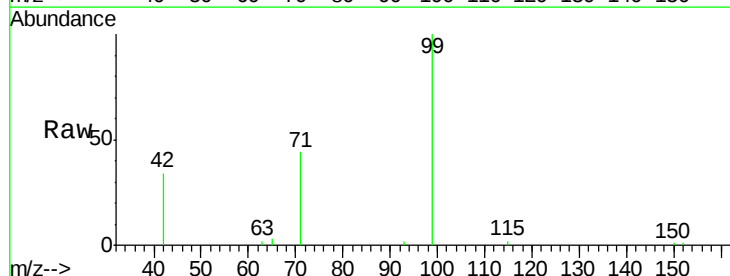


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BM
 Ion 63.00 (62.70 to 63.70): BM

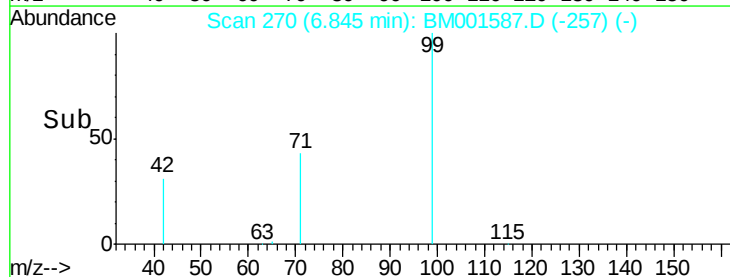
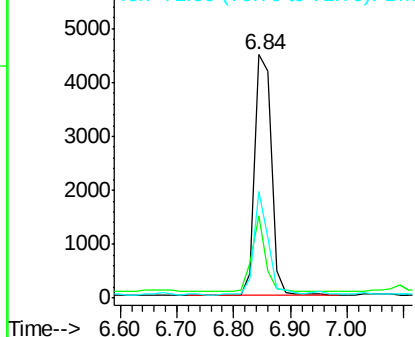


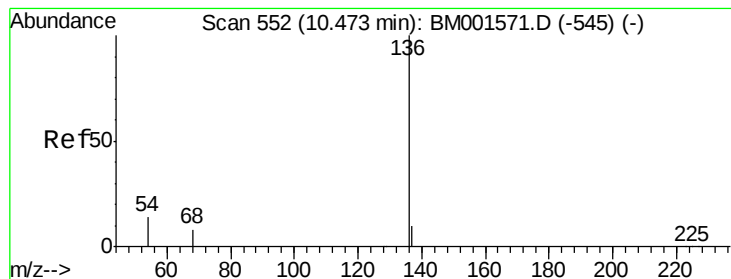
#5
 Phenol-d6
 Concen: 1.30 ng
 RT: 6.84 min Scan# 270
 Delta R.T. -0.00 min
 Lab File: BM001587.D
 Acq: 06 Jun 2015 10:28

Tgt Ion: 99 Resp: 8954
 Ion Ratio Lower Upper
 99 100
 42 25.4 21.4 32.2
 71 36.6 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): B
 Ion 42.00 (41.70 to 42.70): BM
 Ion 71.00 (70.70 to 71.70): BM





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

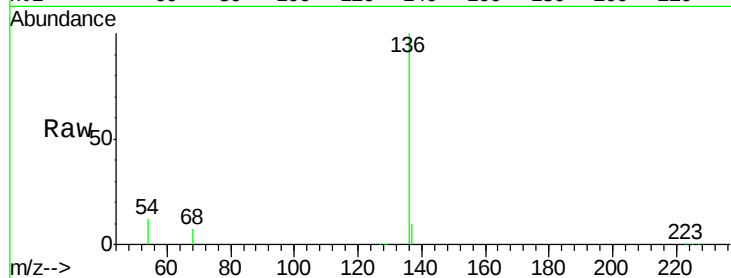
Instrument :

BNA_M

ClientSampleId :

LF017MW001-150601

Tgt Ion:	136	Resp:	88565
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.1	12.1
54	11.8	11.7	17.5
68	7.1	6.6	9.8

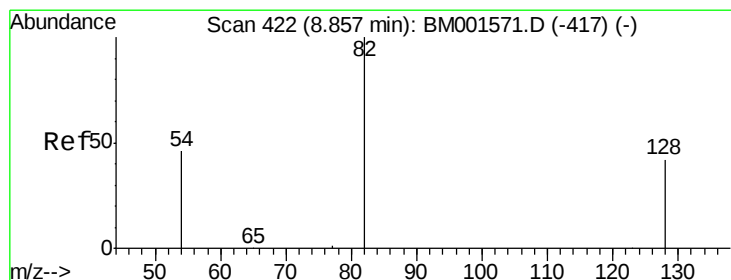
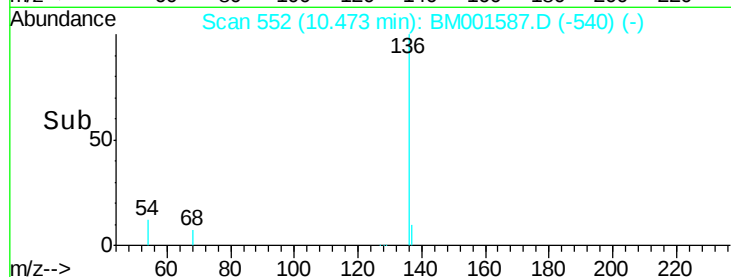
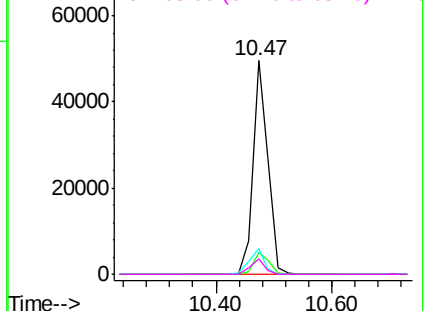


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 5.25 ng

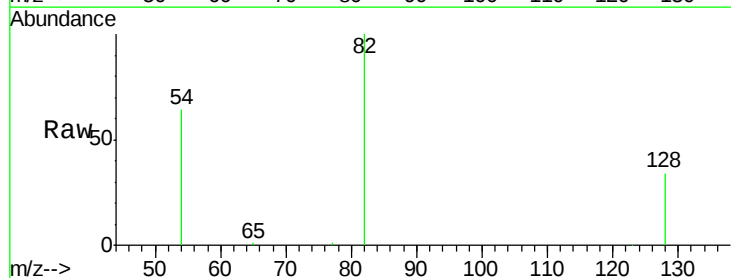
RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

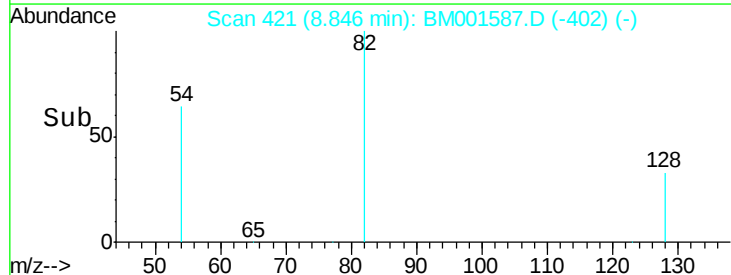
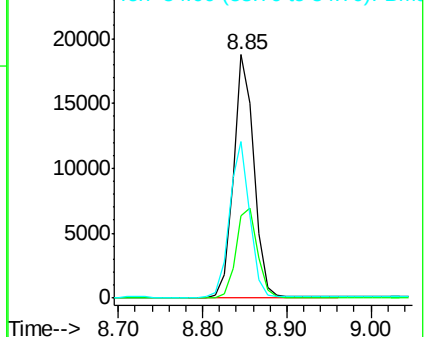
Tgt Ion:	82	Resp:	31642
Ion Ratio	Lower	Upper	
82	100		
128	33.7	34.1	51.1#
54	64.2	37.8	56.6#

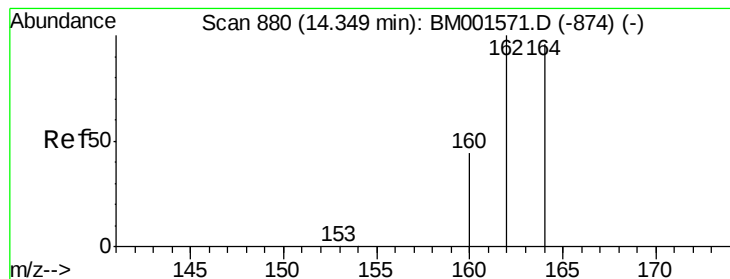


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

Instrument :

BNA_M

ClientSampleId :

LF017MW001-150601

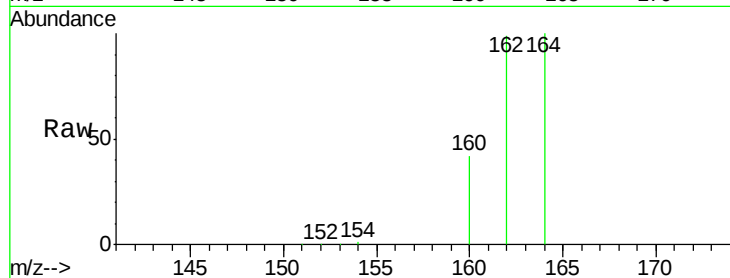
Tgt Ion:164 Resp: 40404

Ion Ratio Lower Upper

164 100

162 98.9 83.8 125.6

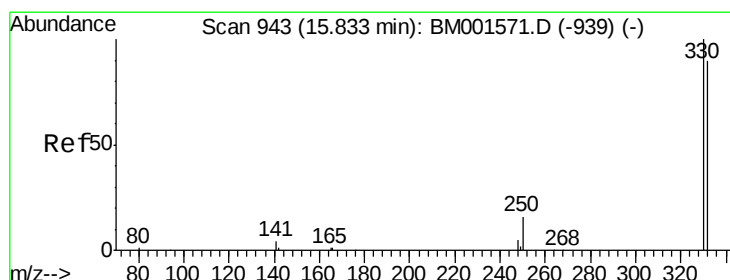
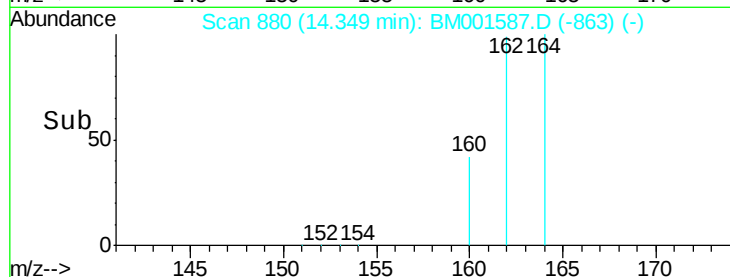
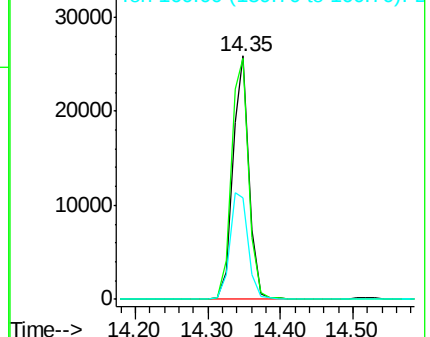
160 41.9 37.1 55.7



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: 9.12 ng

RT: 15.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

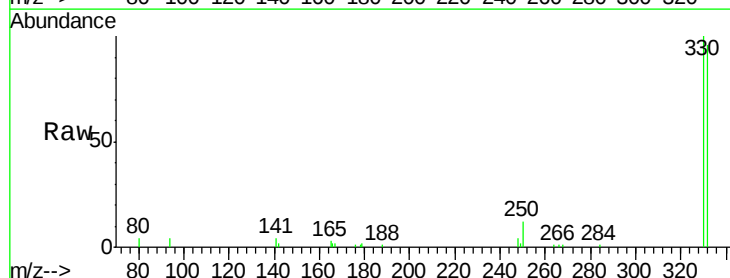
Tgt Ion:330 Resp: 17619

Ion Ratio Lower Upper

330 100

332 96.0 72.0 108.0

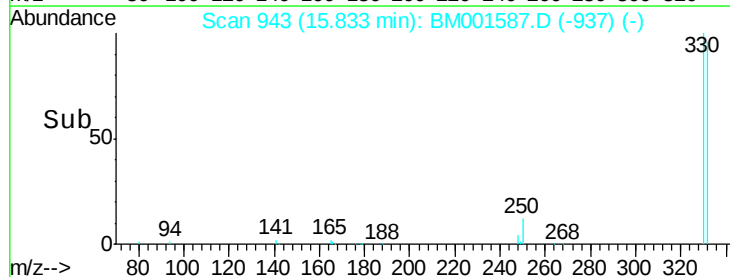
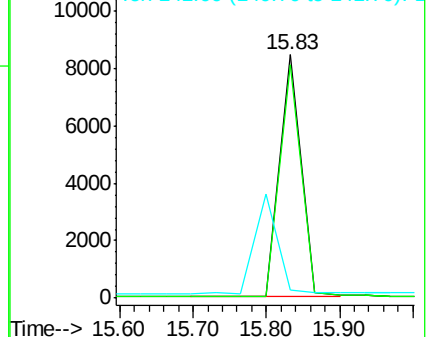
141 0.0 0.0 0.0

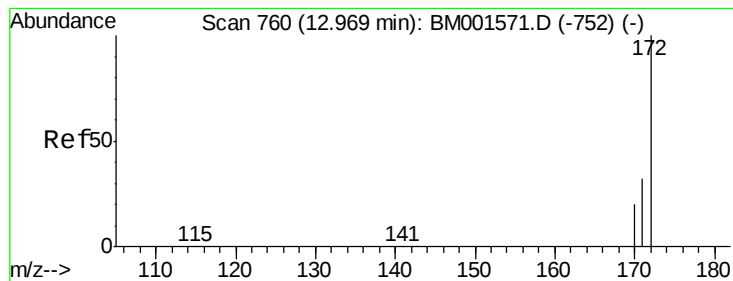


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

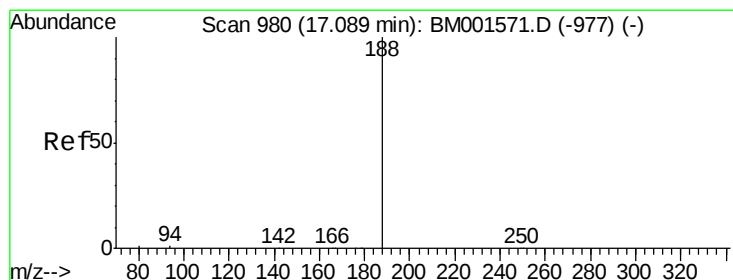
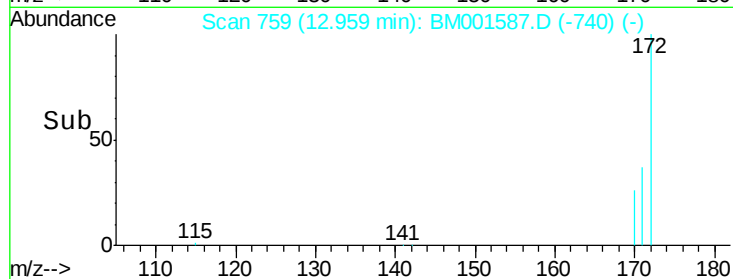
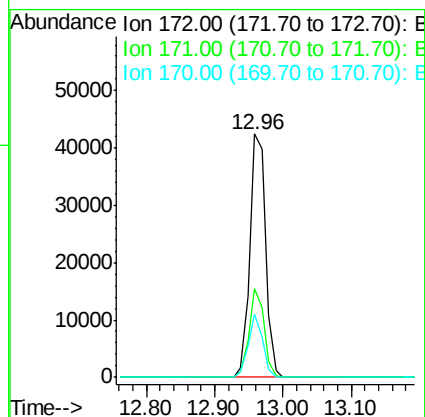
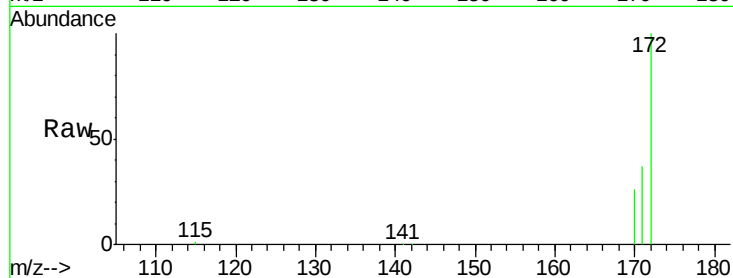




#14
2-Fluorobiphenyl
Concen: 5.54 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001587.D
Acq: 06 Jun 2015 10:28

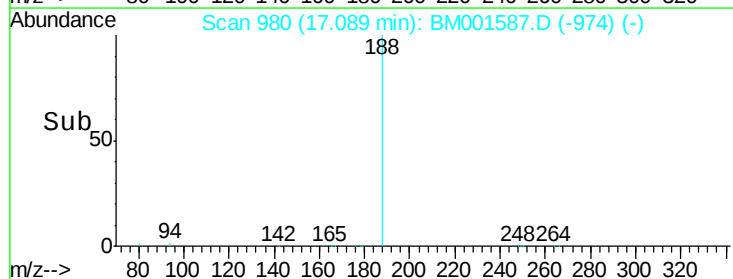
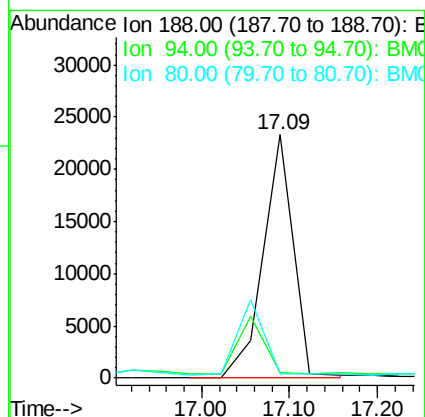
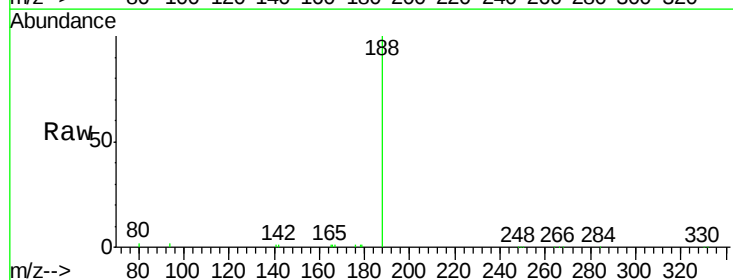
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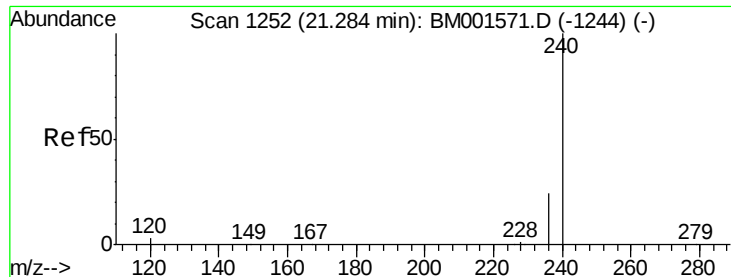
Tgt Ion:172 Resp: 68930
Ion Ratio Lower Upper
172 100
171 36.6 26.2 39.2
170 25.8 16.1 24.1#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001587.D
Acq: 06 Jun 2015 10:28

Tgt Ion:188 Resp: 55601
Ion Ratio Lower Upper
188 100
94 2.3 0.7 1.1#
80 1.9 0.6 1.0#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

Instrument :

BNA_M

ClientSampleId :

LF017MW001-150601

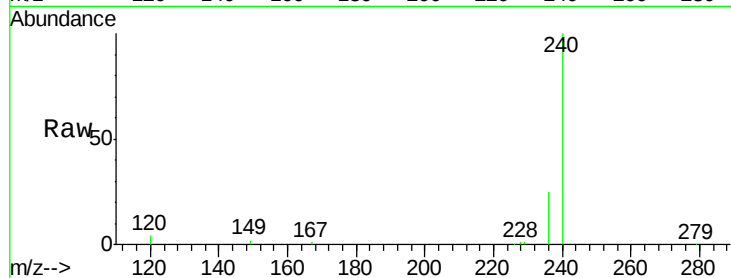
Tgt Ion:240 Resp: 67628

Ion Ratio Lower Upper

240 100

120 3.9 2.2 3.2#

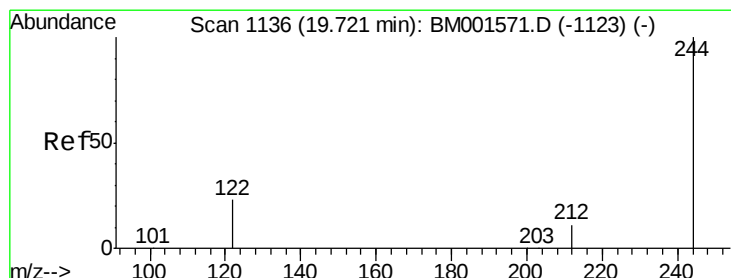
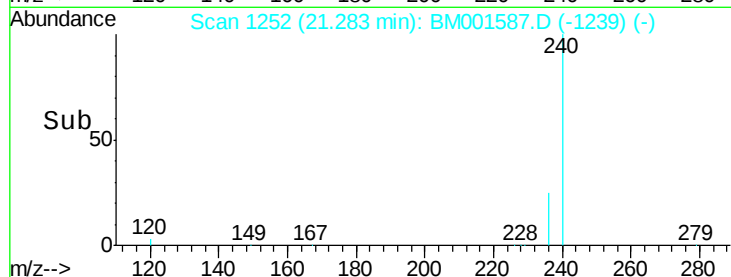
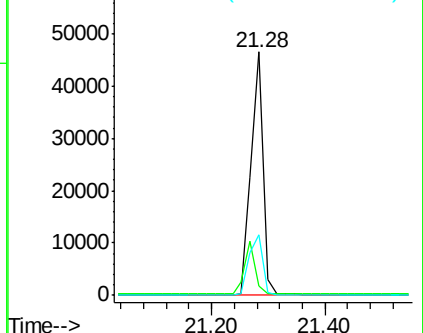
236 24.8 19.5 29.3



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: 6.99 ng

RT: 19.72 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

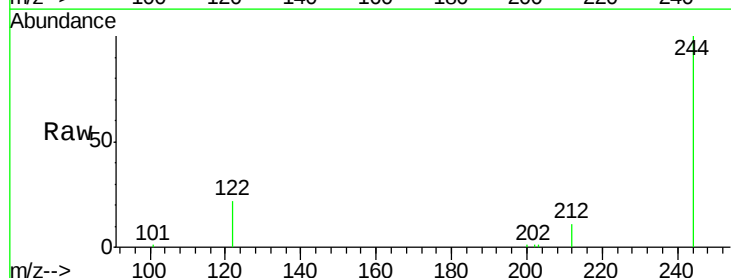
Tgt Ion:244 Resp: 61040

Ion Ratio Lower Upper

244 100

212 11.4 9.6 14.4

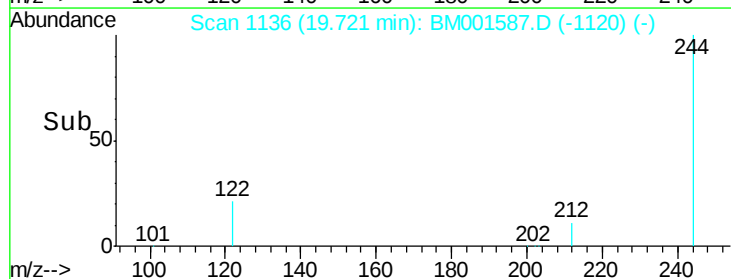
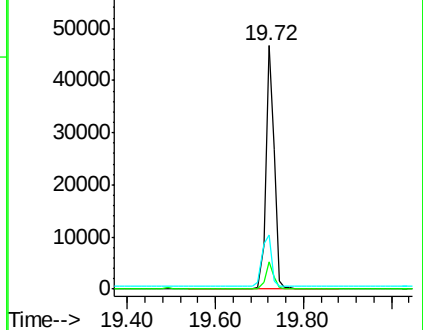
122 22.1 19.0 28.4

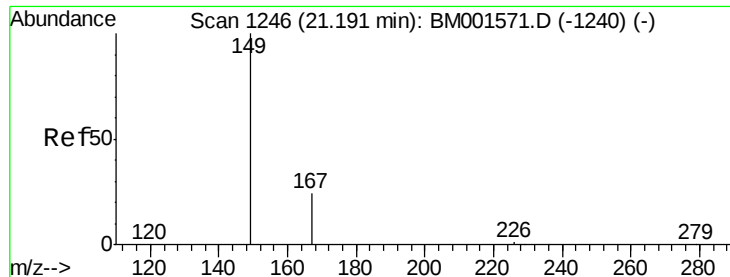


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

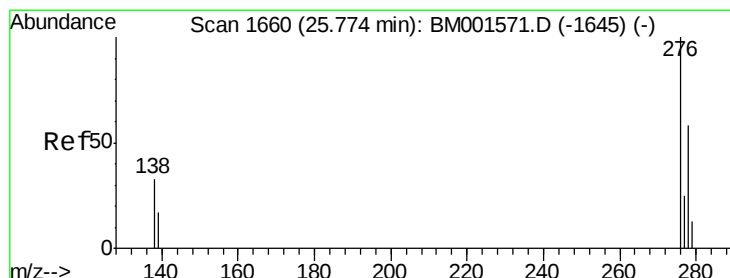
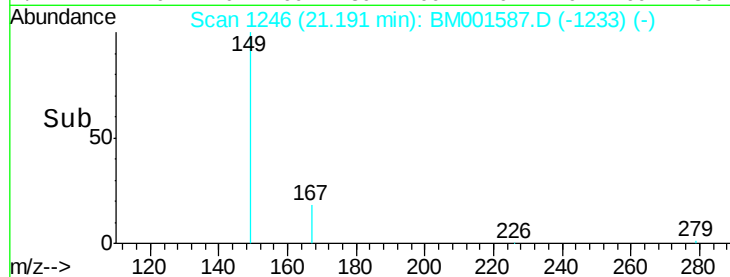
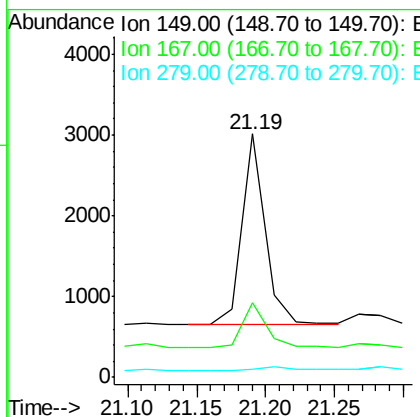
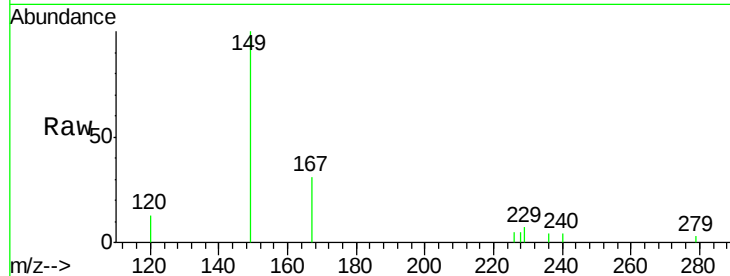




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.19 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BM001587.D
 Acq: 06 Jun 2015 10:28

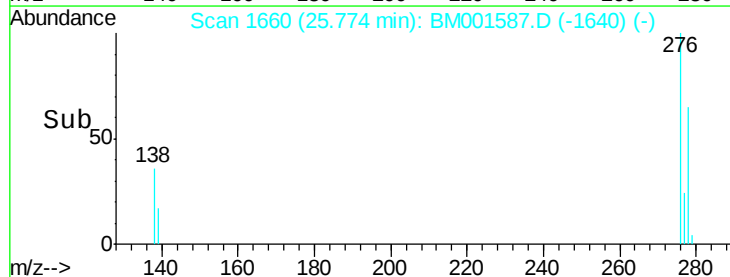
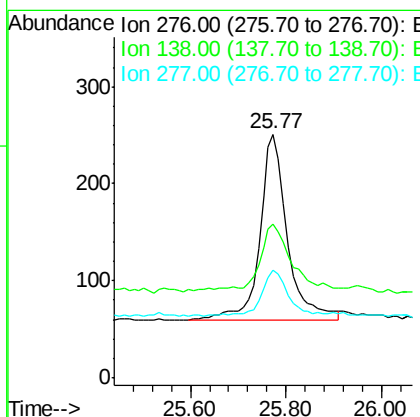
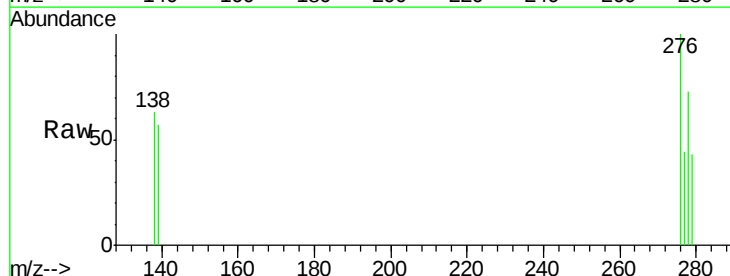
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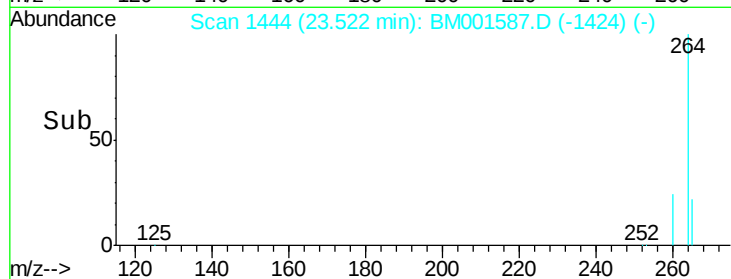
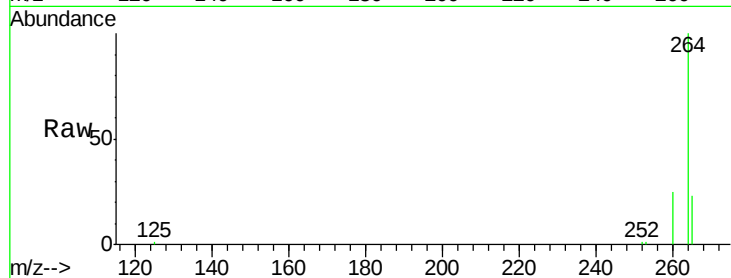
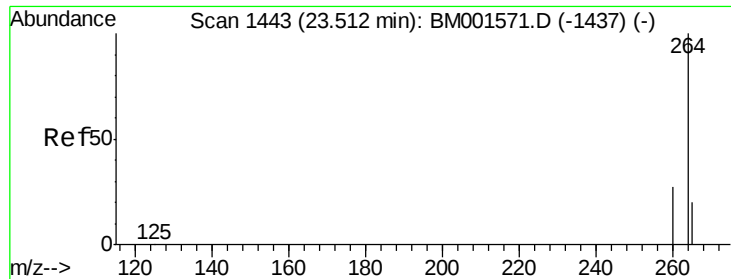
Tgt Ion: 149 Resp: 2796
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.2 30.2
 279 2.3 1.8 2.6



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.77 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: BM001587.D
 Acq: 06 Jun 2015 10:28

Tgt Ion: 276 Resp: 760
 Ion Ratio Lower Upper
 276 100
 138 43.0 28.0 42.0#
 277 23.3 19.7 29.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BM001587.D

Acq: 06 Jun 2015 10:28

Instrument :

BNA_M

ClientSampleId :

LF017MW001-150601

Tgt Ion: 264 Resp: 62508

Ion Ratio Lower Upper

264 100

260 24.6 21.6 32.4

265 22.8 16.5 24.7

