

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011092.D
 Acq On : 02 Aug 2017 11:30
 Operator : SJ/JU
 Sample : I4497-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4

Quant Time: Aug 03 01:48:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

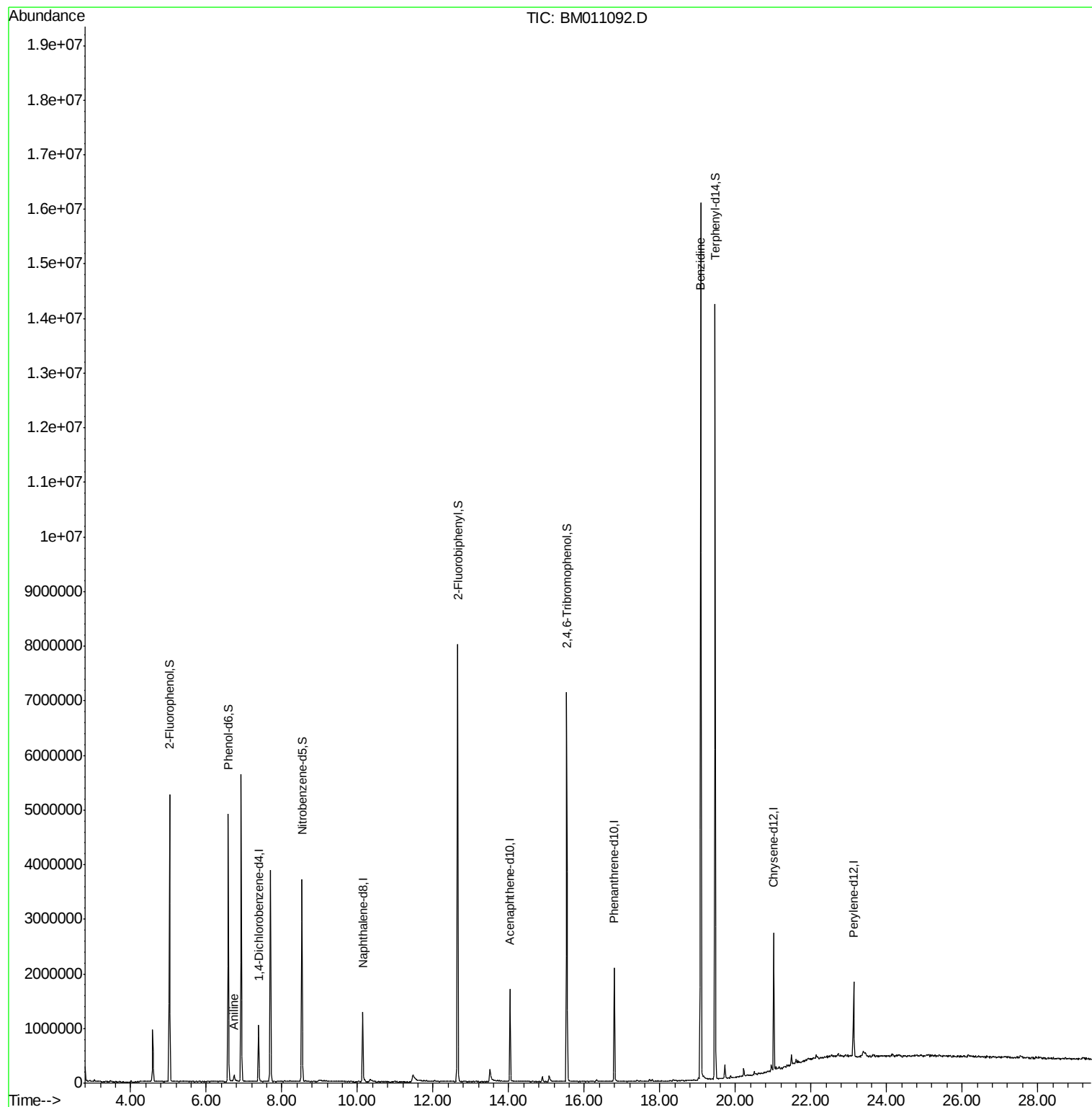
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	199556	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	770670	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	463583	20.00	ng	-0.01
63) Phenanthrene-d10	16.79	188	1104057	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1125369	20.00	ng	-0.01
86) Perylene-d12	23.13	264	955199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1621613	137.37	ng	0.00
7) Phenol-d6	6.58	99	2086074	124.37	ng	-0.01
23) Nitrobenzene-d5	8.53	82	2051159	99.89	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	984959	132.56	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3553343	96.13	ng	-0.01
78) Terphenyl-d14	19.46	244	5182604	91.22	ng	0.00
Target Compounds						
6) Aniline	6.73	93	80431	3.805	ng	Qvalue # 88
76) Benzidine	19.09	184	7833672	290.977	ng	99

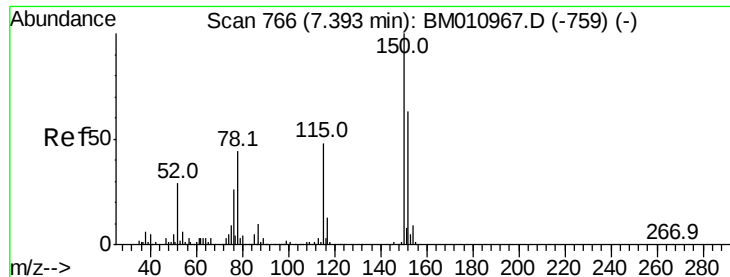
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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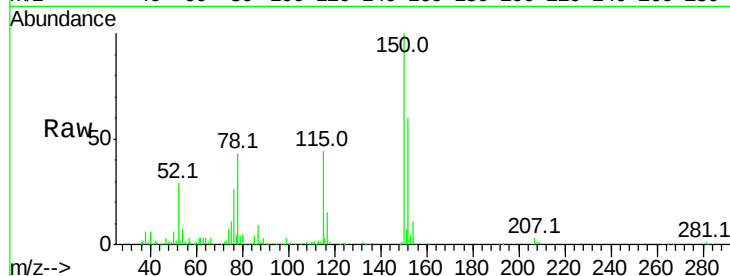


#1

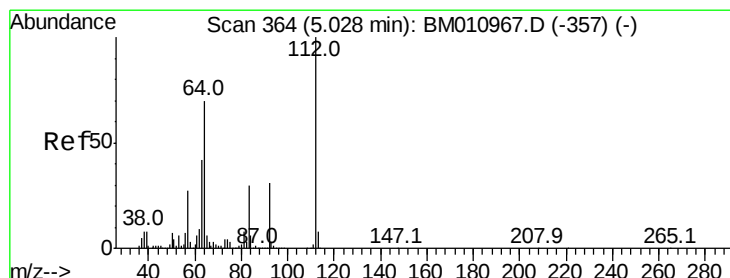
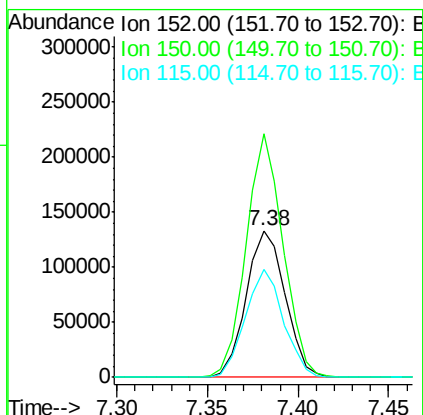
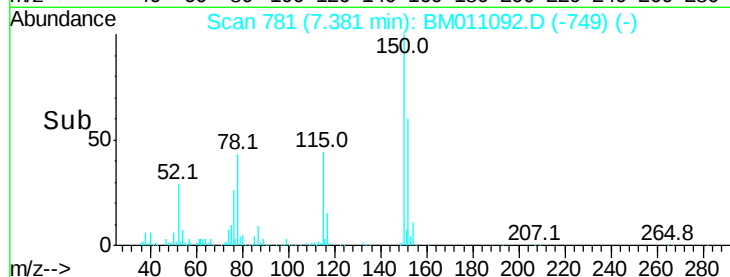
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tot Ion:152 Resp: 199556
Ion Ratio Lower Upper
152 100
150 165.8 119.5 179.3
115 73.4 43.0 64.4#



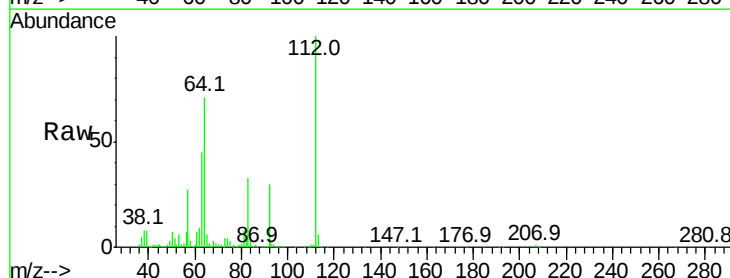
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



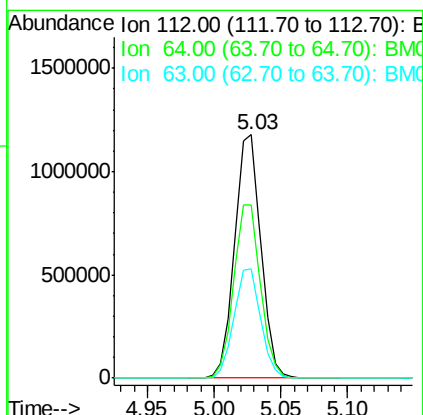
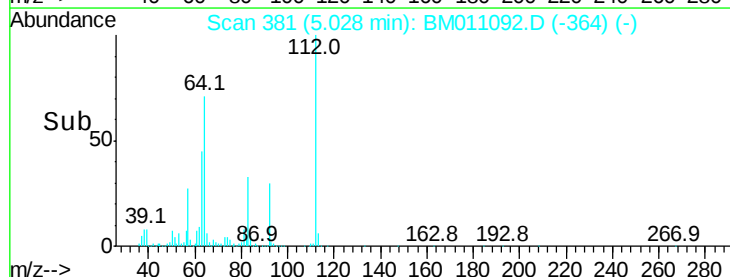
#5

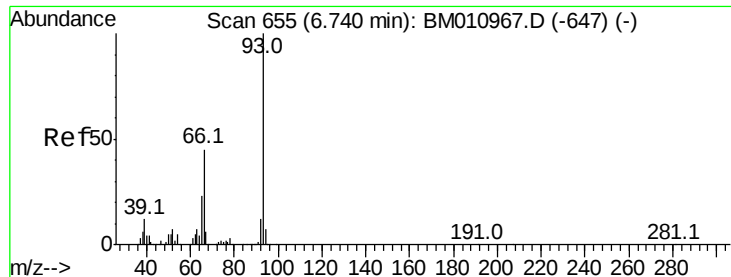
2-Fluorophenol
Concen: 137.367 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:112 Resp: 1621613
Ion Ratio Lower Upper
112 100
64 71.2 38.6 57.8#
63 44.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#6

Aniline

Concen: 3.805 ng

RT: 6.73 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

Instrument :

BNA_M

ClientSampled :

TP-3-4

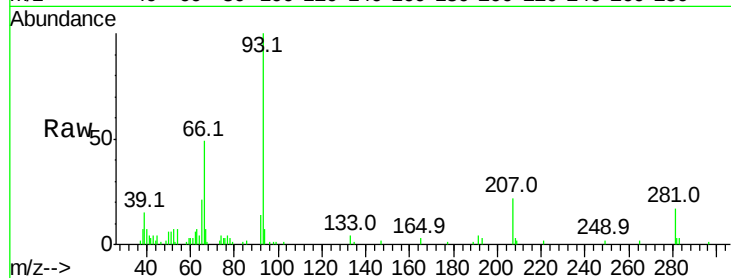
Tot Ion: 93 Resp: 80431

Ion Ratio Lower Upper

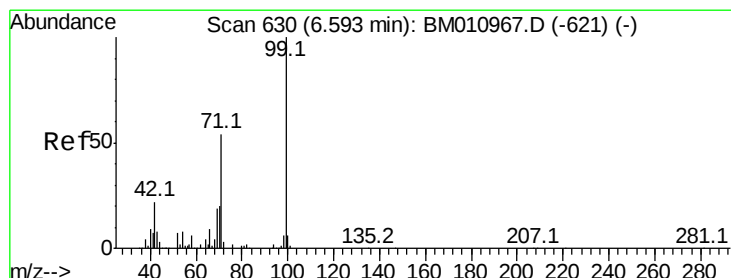
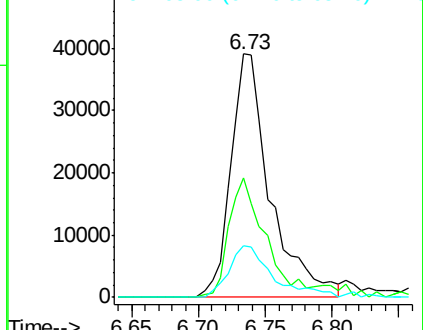
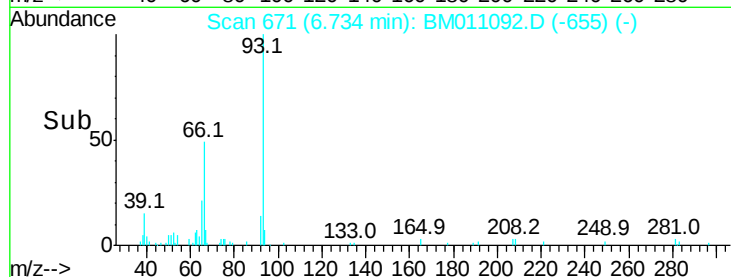
93 100

66 49.2 30.8 46.2#

65 21.0 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM011092.D (-655) (-)



#7

Phenol-d6

Concen: 124.373 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

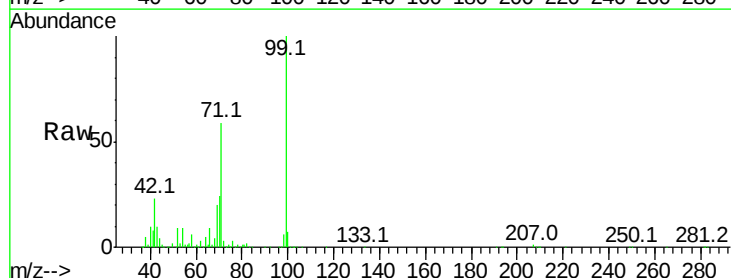
Tgt Ion: 99 Resp: 2086074

Ion Ratio Lower Upper

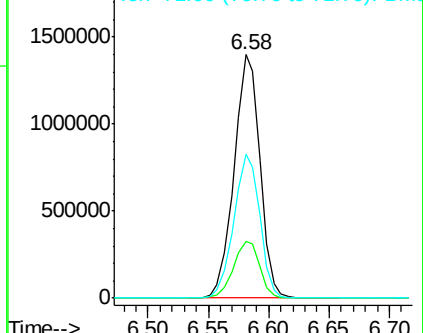
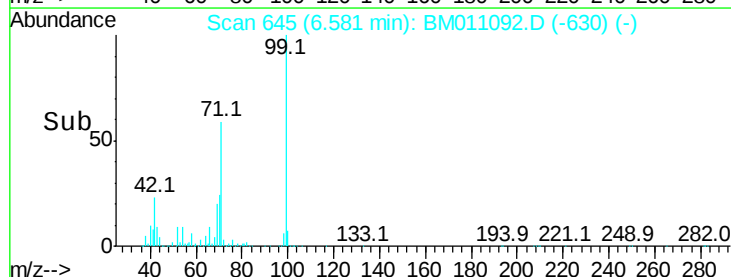
99 100

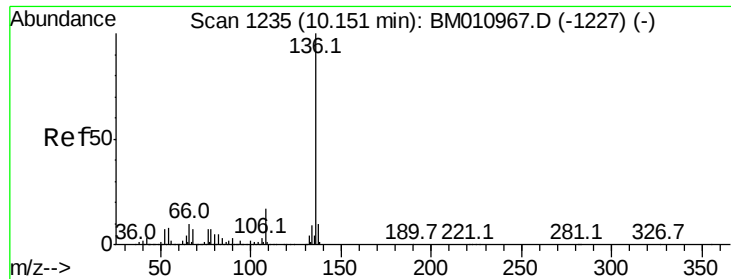
42 23.4 11.0 16.4#

71 59.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011092.D (-630) (-)

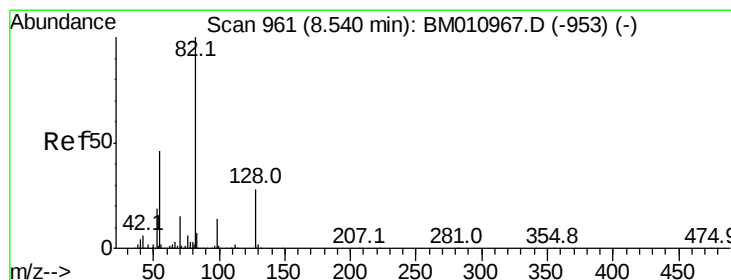
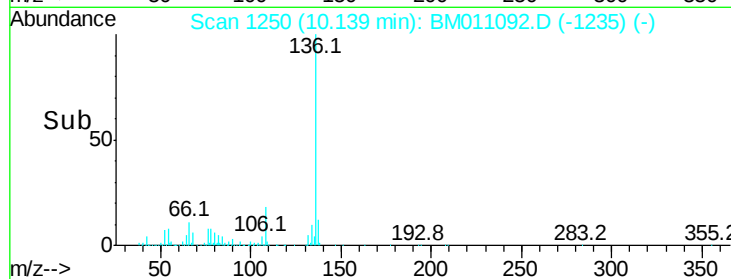
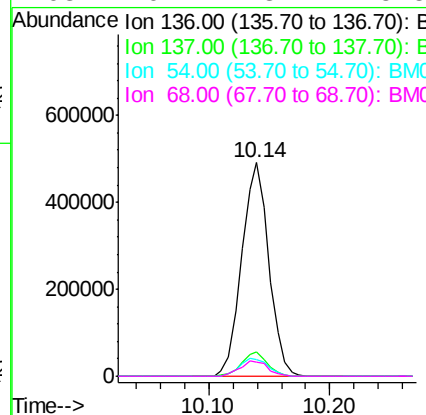
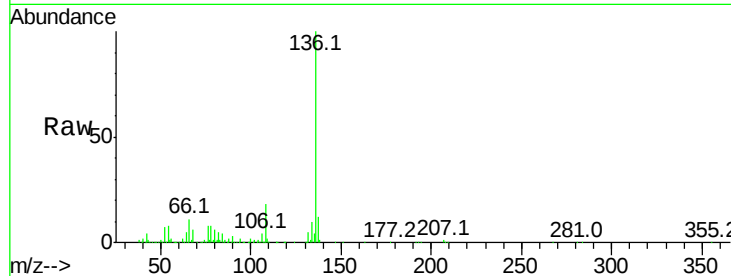




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

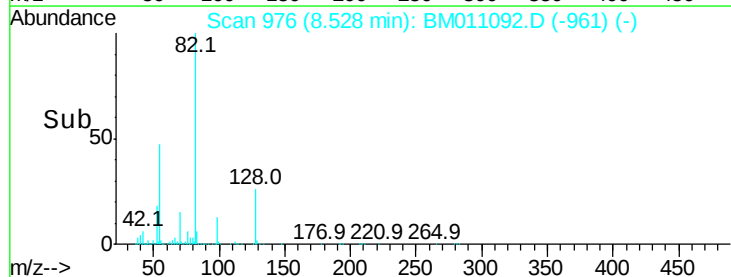
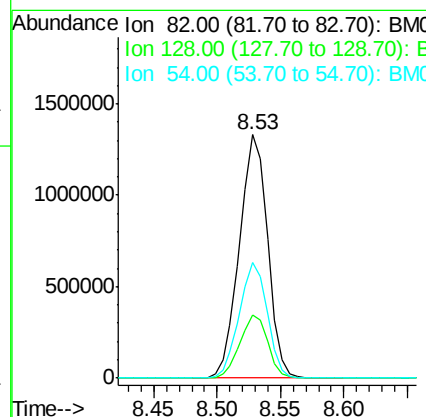
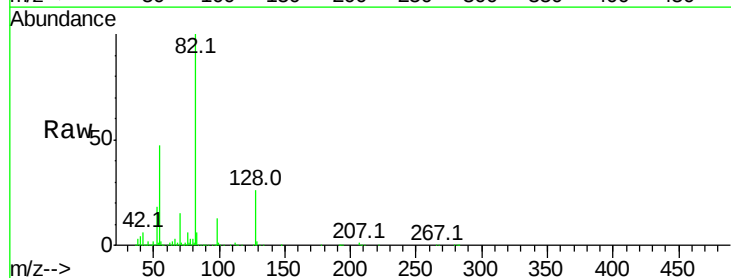
Instrument :
BNA_M
ClientSampleId :
TP-3-4

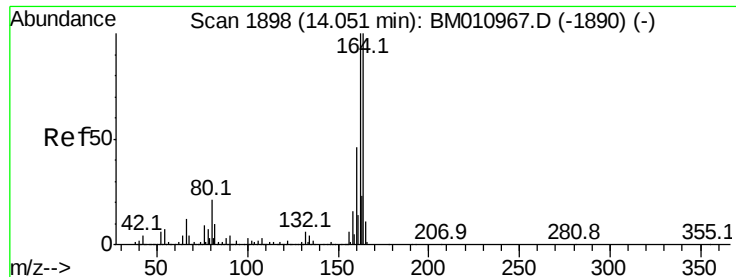
Tot Ion:	136	Resp:	770670
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.9	4.6	6.8#
68	6.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 99.891 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:	82	Resp:	2051159
Ion	Ratio	Lower	Upper
82	100		
128	26.0	32.8	49.2#
54	47.3	40.6	60.8

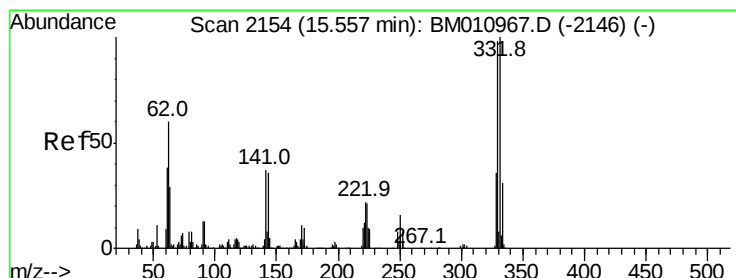
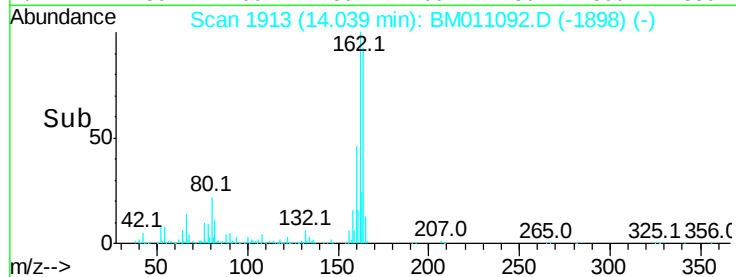
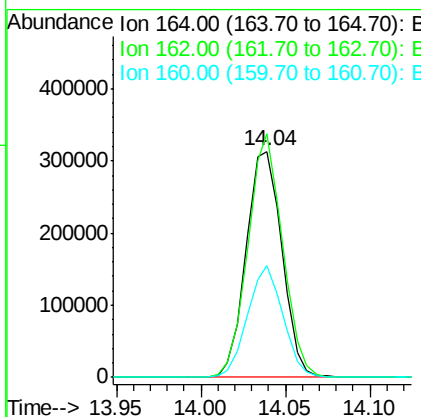
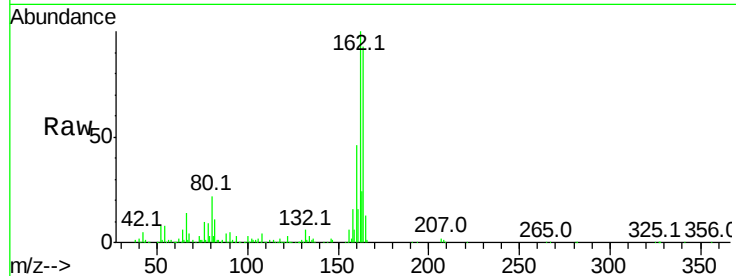




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

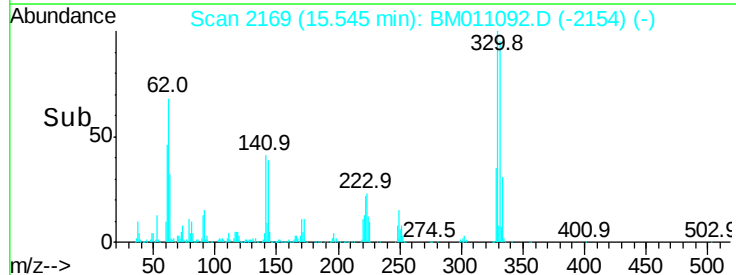
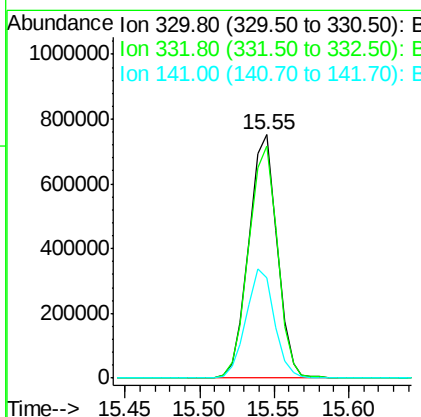
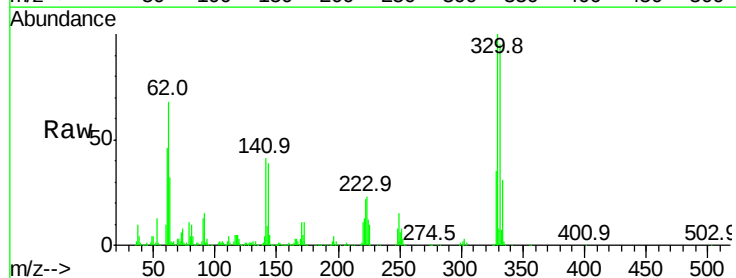
Instrument :
BNA_M
ClientSampleId :
TP-3-4

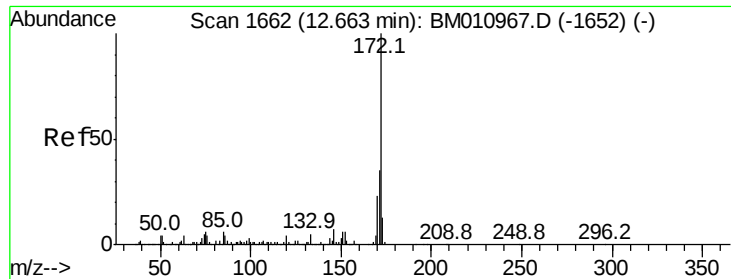
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.4	123.6
160	49.7	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 132.560 ng
RT: 15.55 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.0	0.0	0.0#

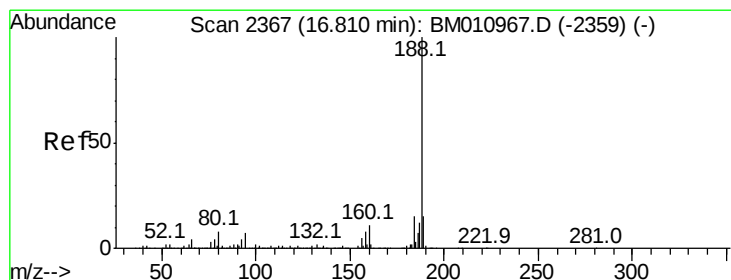
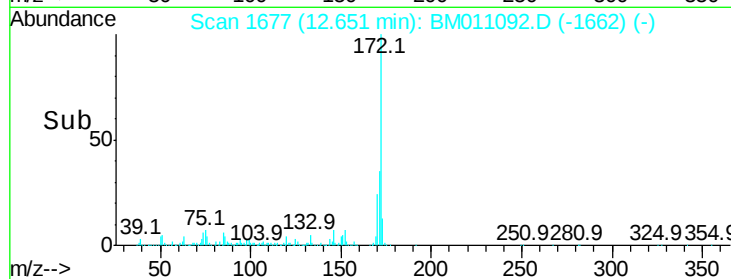
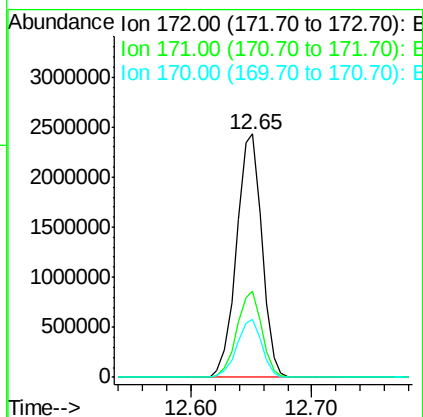
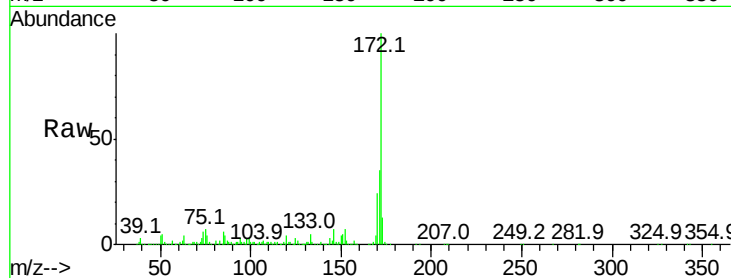




#44
 2-Fluorobiphenyl
 Concen: 96.129 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

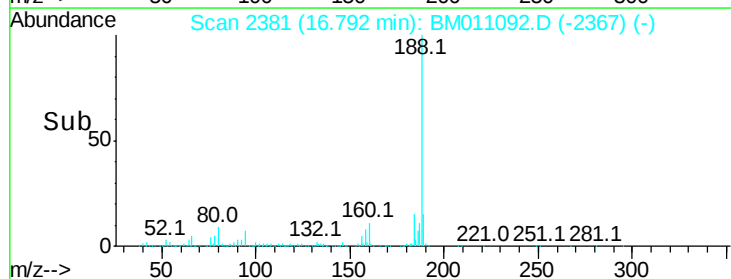
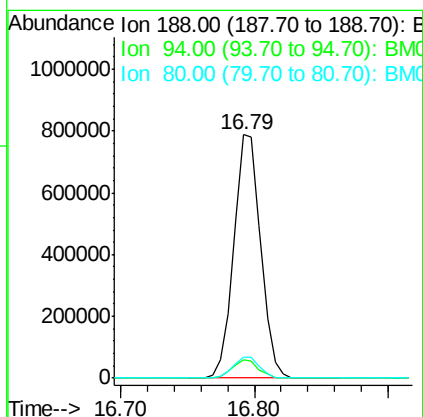
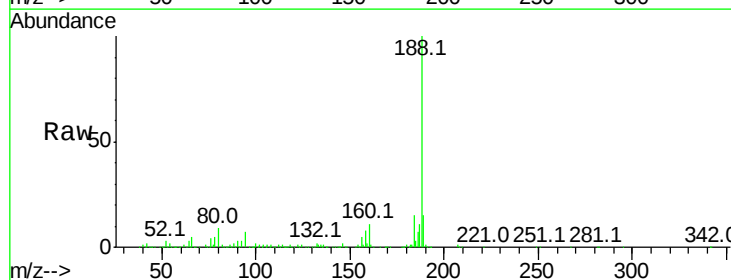
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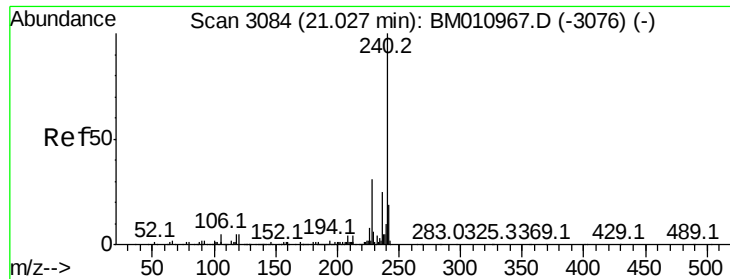
Tot Ion:172 Resp: 3553343
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.7 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.79 min Scan# 2381
 Delta R.T. -0.02 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

Tgt Ion:188 Resp: 1104057
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.7 13.1#
 80 8.8 9.3 13.9#

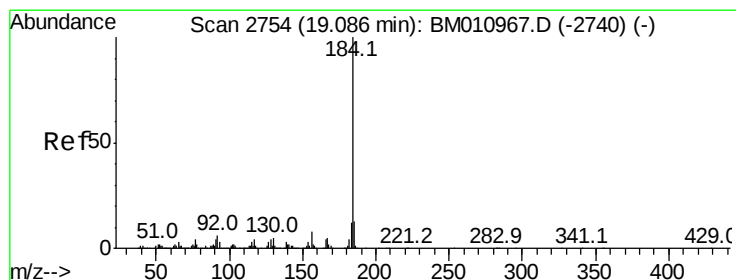
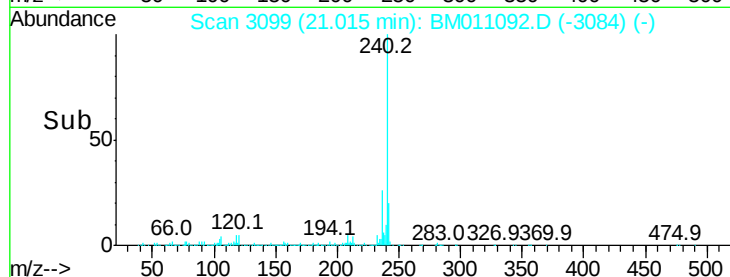
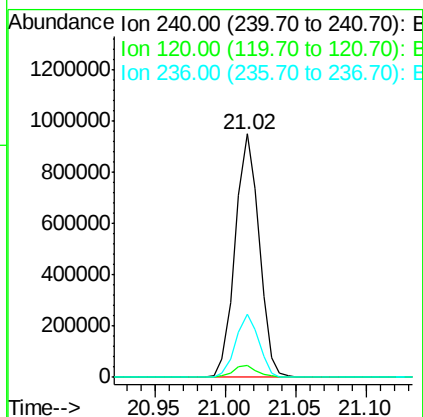
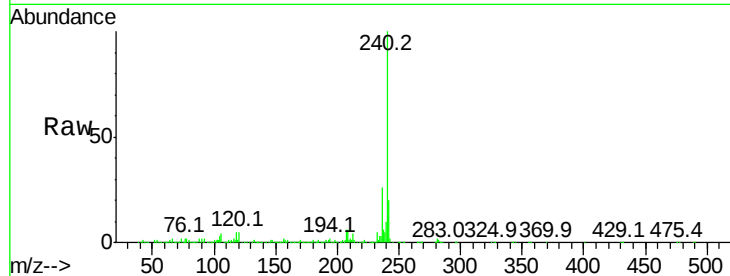




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

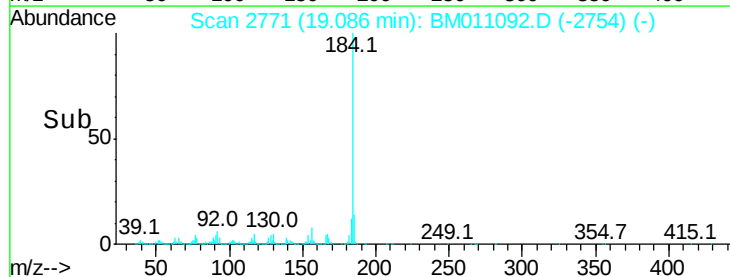
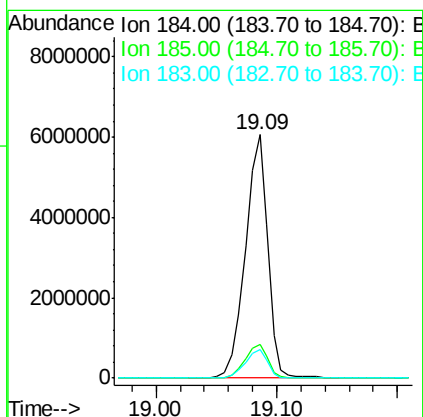
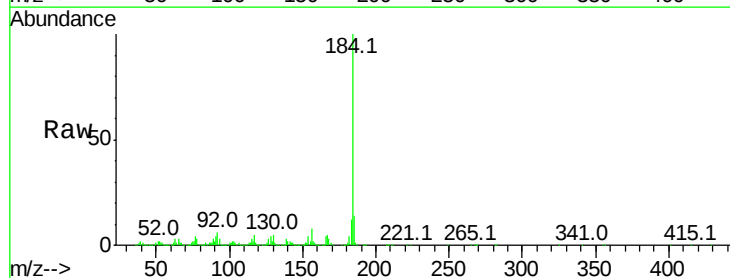
Instrument :
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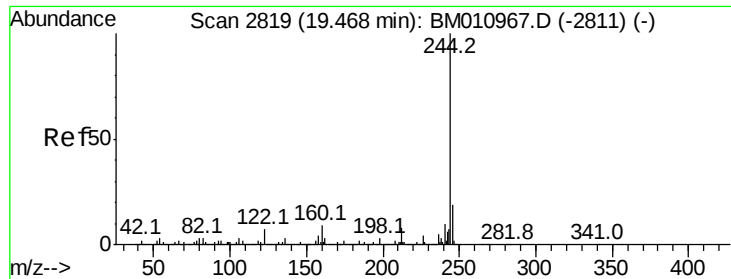
Tot Ion:240 Resp: 1125369
 Ion Ratio Lower Upper
 240 100
 120 4.9 8.2 12.2#
 236 26.0 20.0 30.0



#76
 Benzidine
 Concen: 290.977 ng
 RT: 19.09 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

Tgt Ion:184 Resp: 7833672
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.3 16.9
 183 11.6 8.9 13.3





#78

Terphenyl-d14

Concen: 91.224 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

Instrument :

BNA_M

ClientSampleId :

TP-3-4

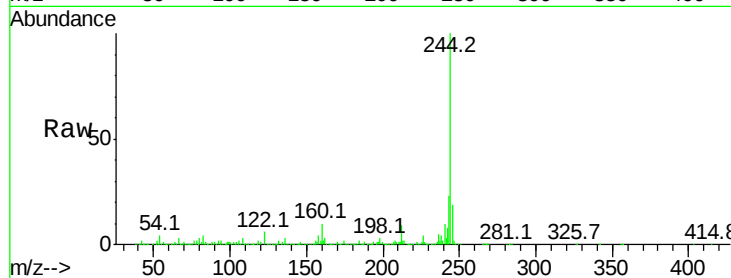
Tot Ion:244 Resp: 5182604

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

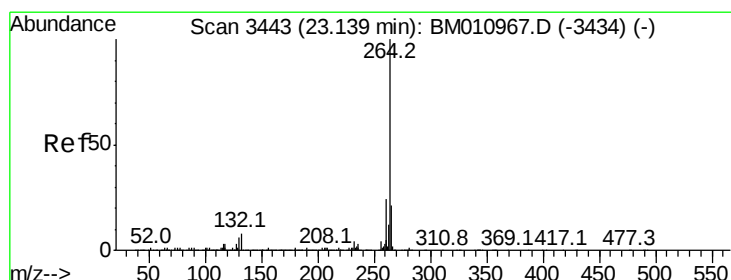
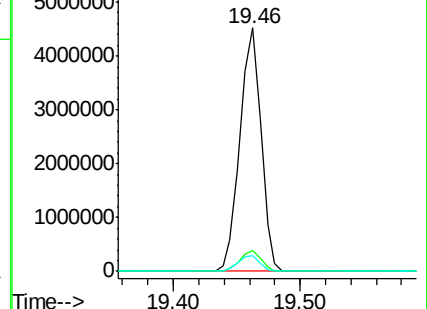
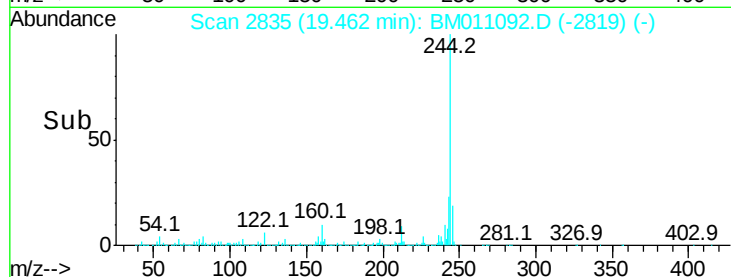
122 6.5 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

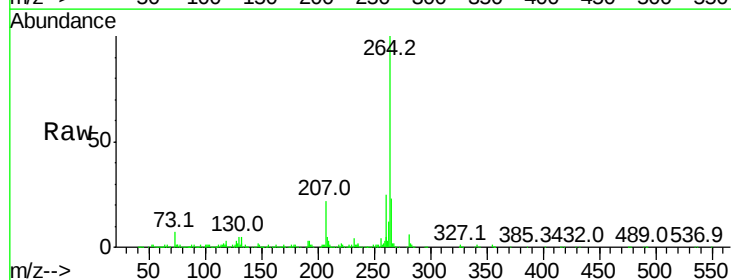
Tgt Ion:264 Resp: 955199

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

