

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011400.D
 Acq On : 01 Sep 2017 08:24
 Operator : SJ/JU
 Sample : I5019-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Quant Time: Sep 01 09:00:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

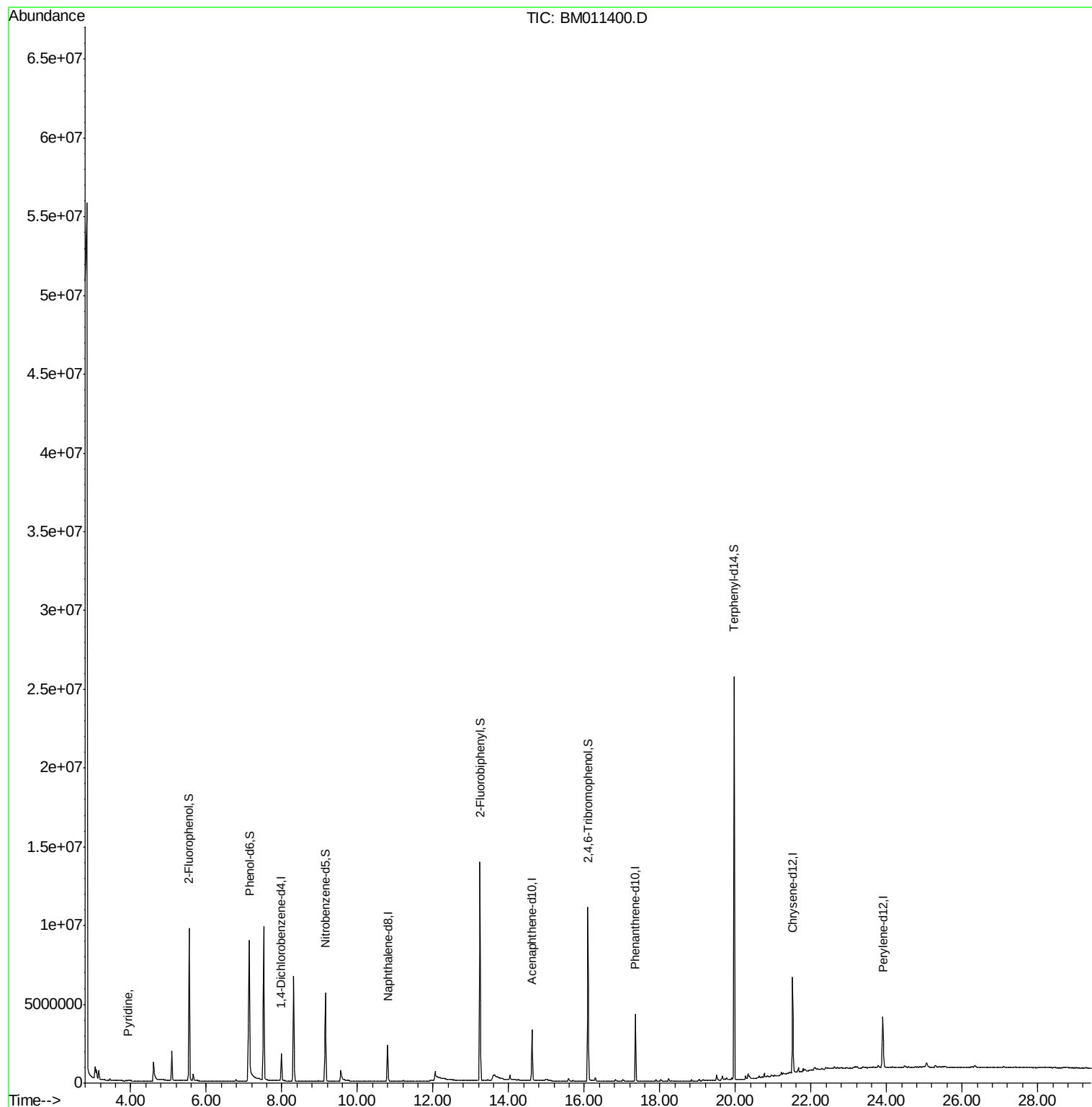
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	463030	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	1941869	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1050464	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2379655	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2897484	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2187149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3810467	138.52	ng	0.00
7) Phenol-d6	7.14	99	4457621	116.87	ng	0.00
23) Nitrobenzene-d5	9.15	82	2924929	99.26	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1848206	152.07	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	7018251	96.31	ng	0.00
78) Terphenyl-d14	19.97	244	10429350	89.31	ng	0.00
Target Compounds						
3) Pyridine	3.92	79	77476	2.207	ng	Qvalue # 88

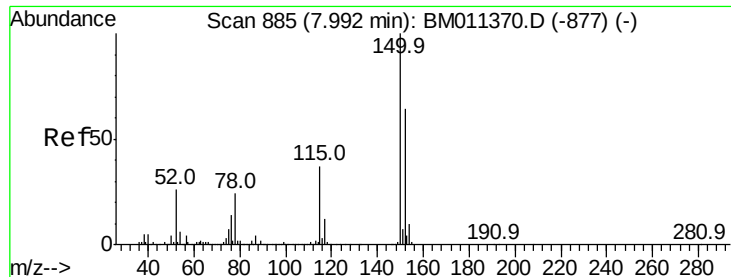
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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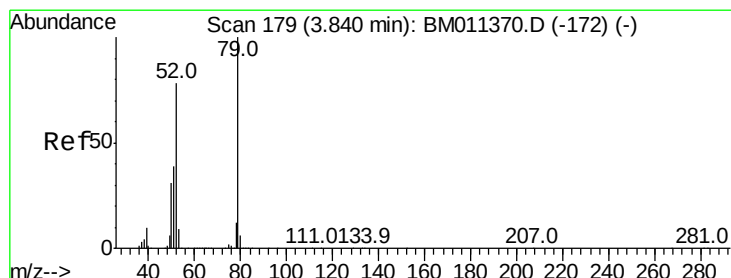
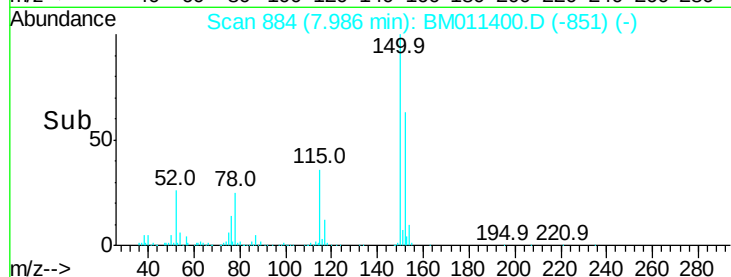
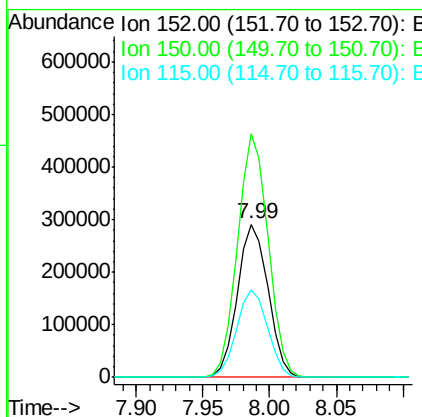
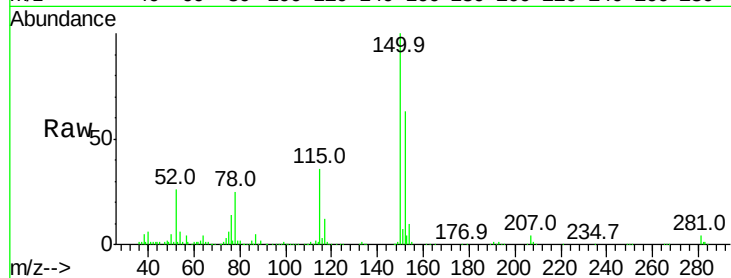


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Instrument :
BNA_M
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

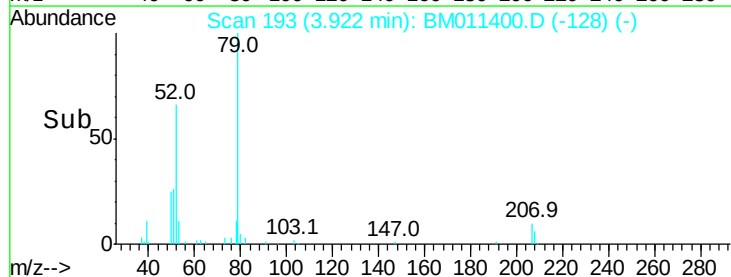
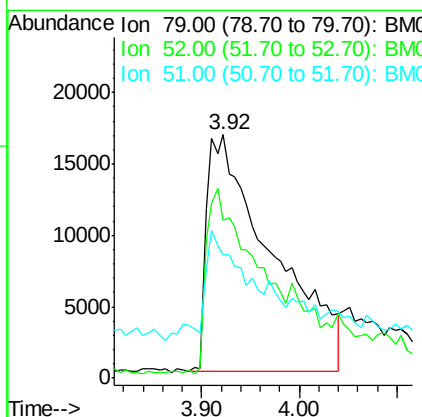
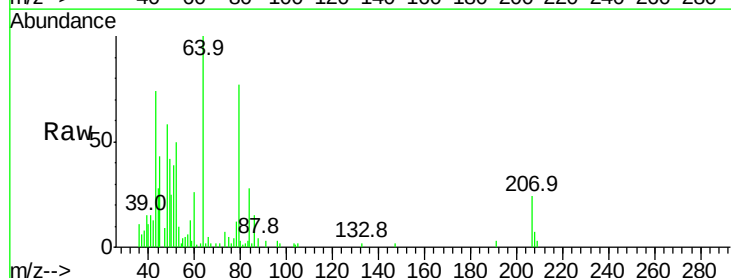
Tot Ion	152	Resp	463030
Ion	Ratio	Lower	Upper
152	100		
150	159.3	119.5	179.3
115	57.5	43.0	64.4

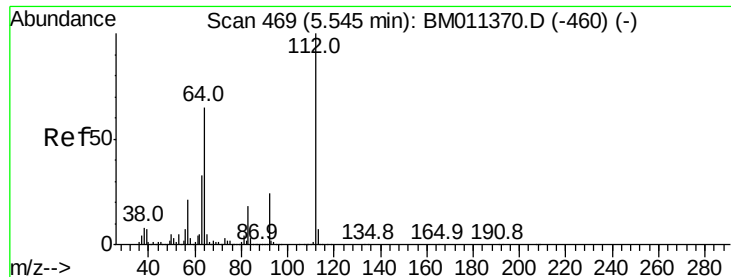


#3

Pyridine
Concen: 2.207 ng
RT: 3.92 min Scan# 193
Delta R.T. 0.08 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion	79	Resp	77476
Ion	Ratio	Lower	Upper
79	100		
52	64.8	51.1	76.7
51	50.7	26.1	39.1#





#5

2-Fluorophenol

Concen: 138.524 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

STAGE2-TEST-PIT-A-B-C

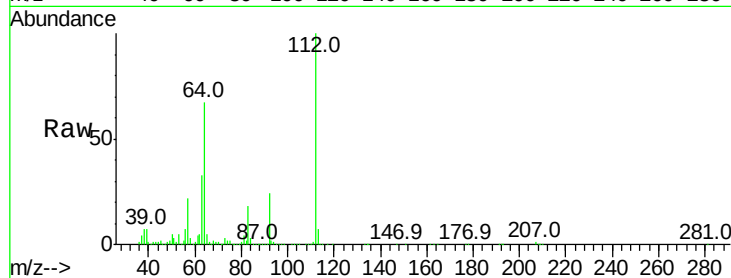
Tot Ion:112 Resp: 3810467

Ion Ratio Lower Upper

112 100

64 66.6 38.6 57.8#

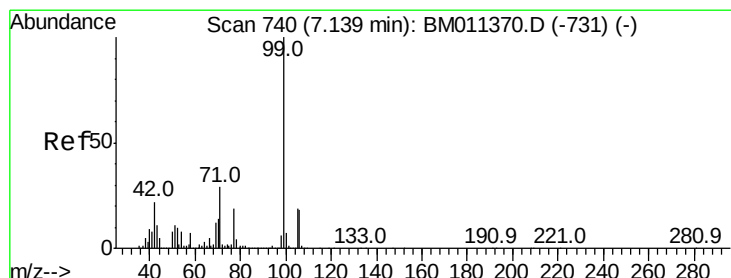
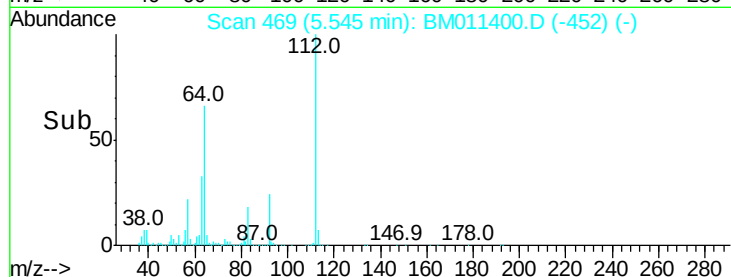
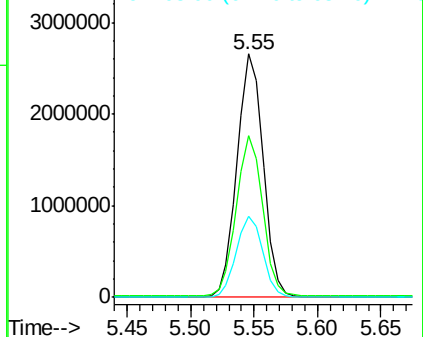
63 33.2 19.3 28.9#



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



#7

Phenol-d6

Concen: 116.867 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

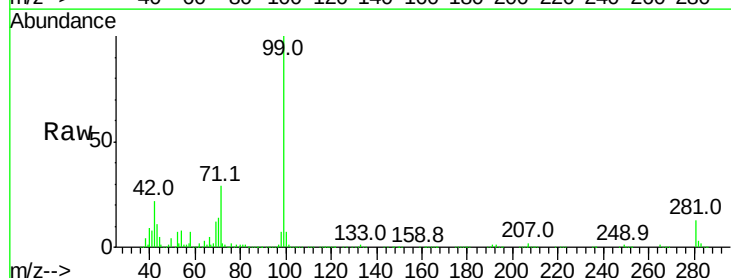
Tgt Ion: 99 Resp: 4457621

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

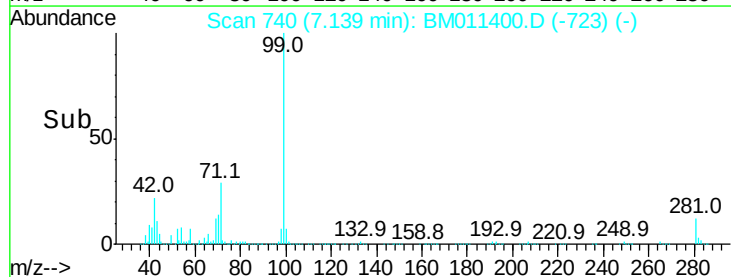
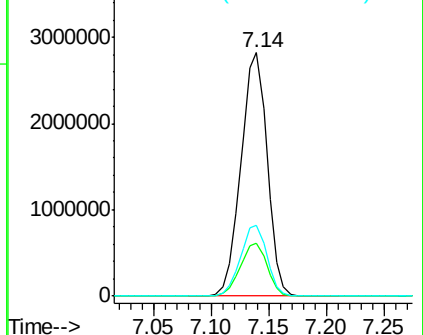
71 29.3 23.4 35.2

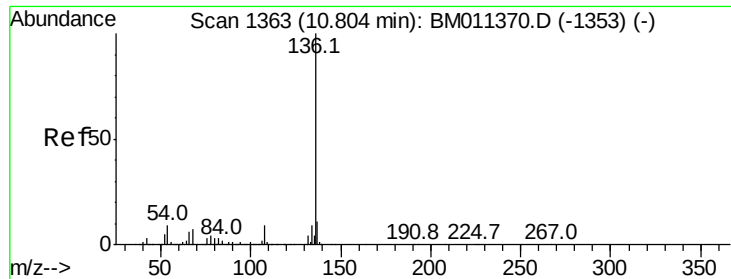


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

STAGE2-TEST-PIT-A-B-C

Tot Ion:136 Resp: 1941869

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	8.7	4.6	6.8#
68	7.1	3.7	5.5#

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): BM

Ion 68.00 (67.70 to 68.70): BM

10.80

1500000

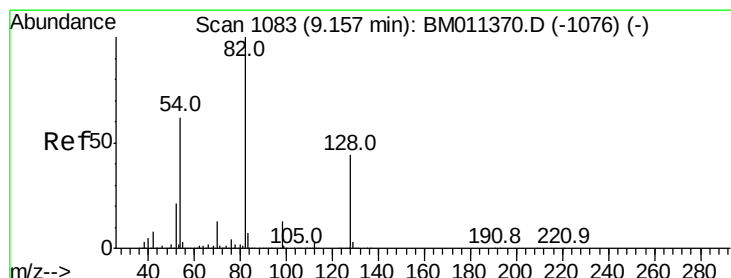
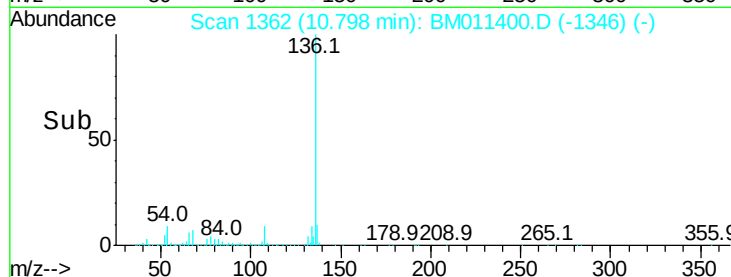
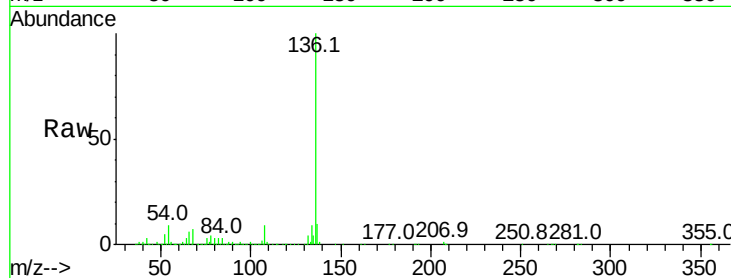
1000000

500000

0

Time-->

10.70 10.80 10.90



#23

Nitrobenzene-d5

Concen: 99.259 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Tgt Ion: 82 Resp: 2924929

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	60.5	40.6	60.8

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

9.15

2500000

2000000

1500000

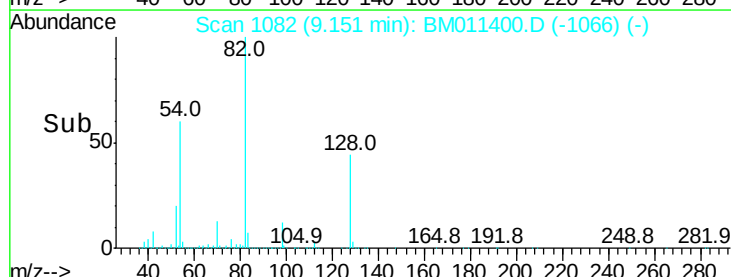
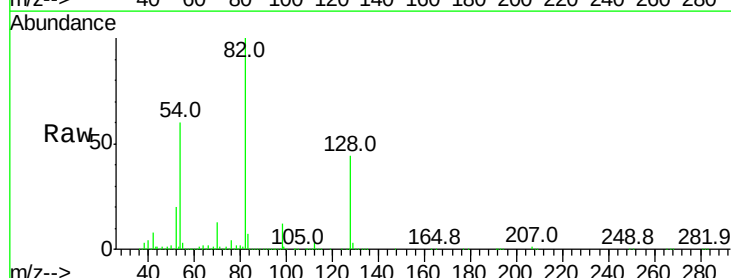
1000000

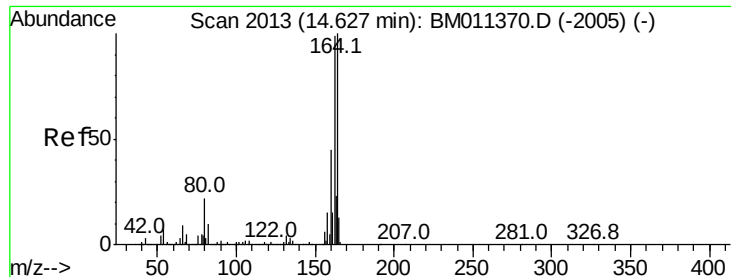
500000

0

Time-->

9.10 9.20





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

STAGE2-TEST-PIT-A-B-C

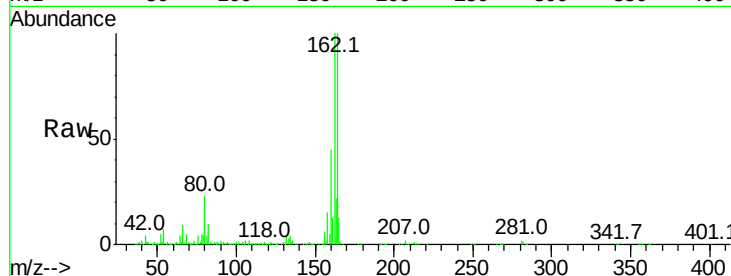
Tot Ion:164 Resp: 1050464

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	44.8	35.8	53.6

164 100

162 100.5 82.4 123.6

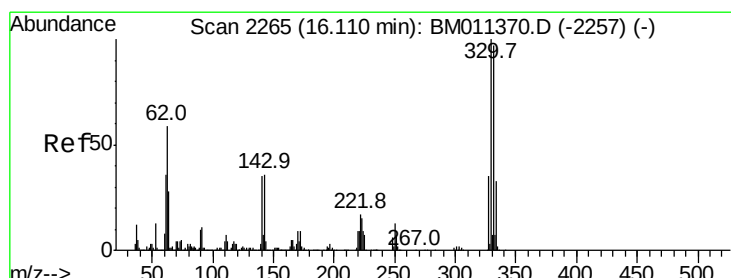
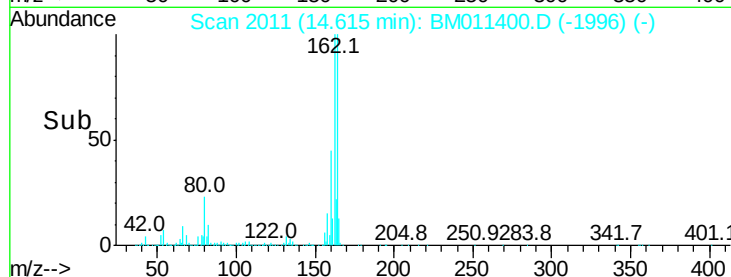
160 44.8 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 152.073 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

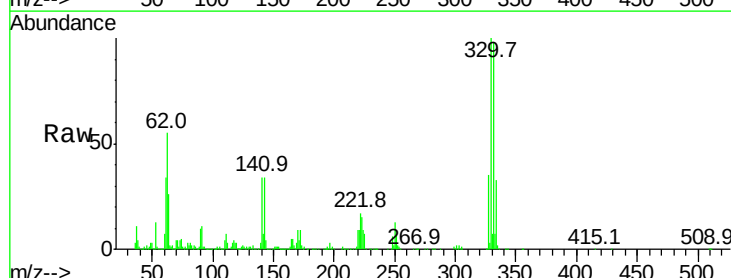
Tgt Ion:330 Resp: 1848206

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	38.0	0.0	0.0#

330 100

332 97.0 0.0 0.0#

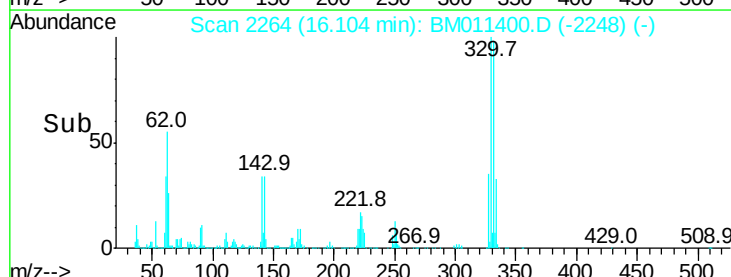
141 38.0 0.0 0.0#

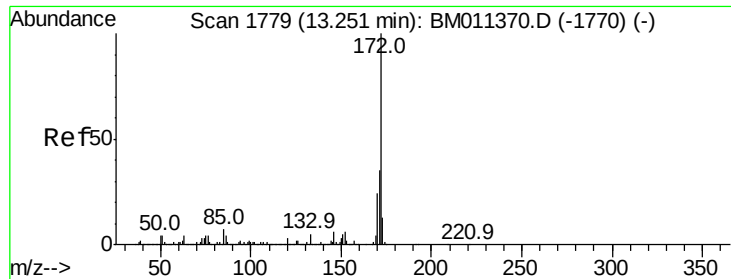


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

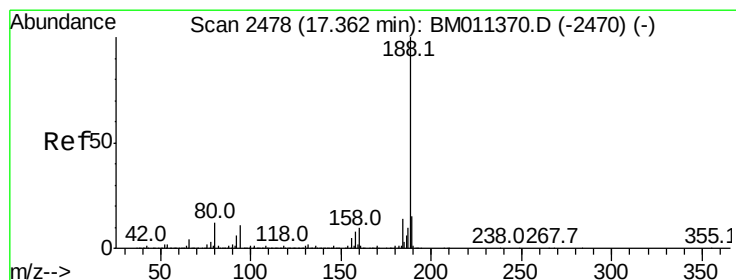
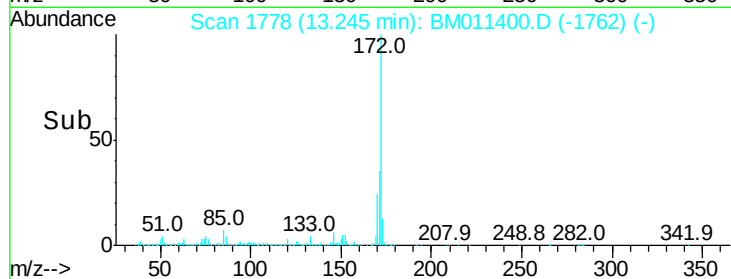
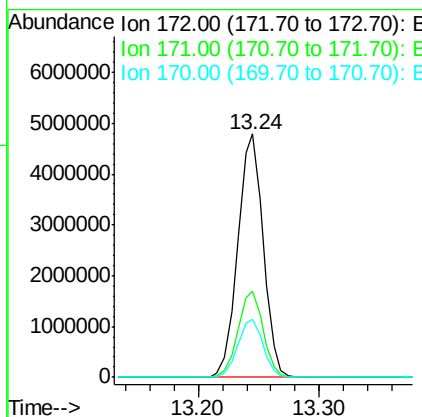
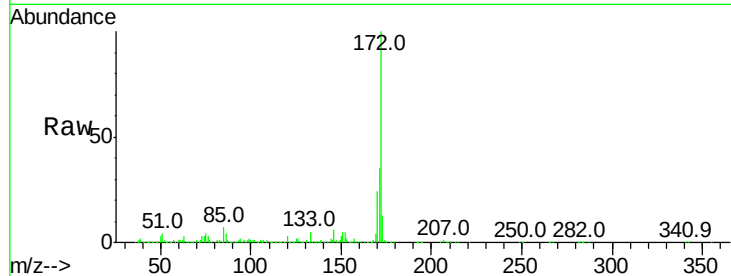




#44
 2-Fluorobiphenyl
 Concen: 96.307 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011400.D
 Acq: 01 Sep 2017 08:24

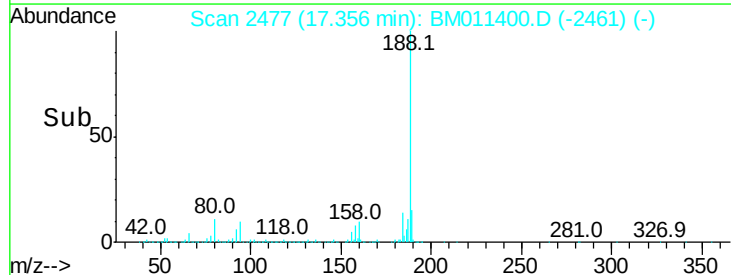
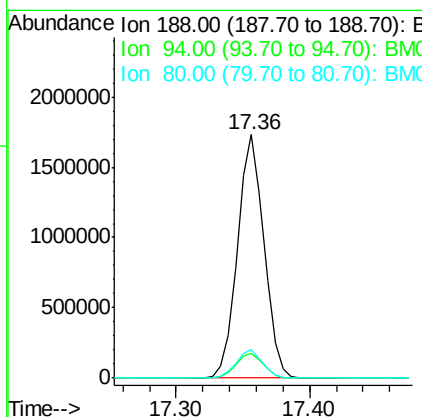
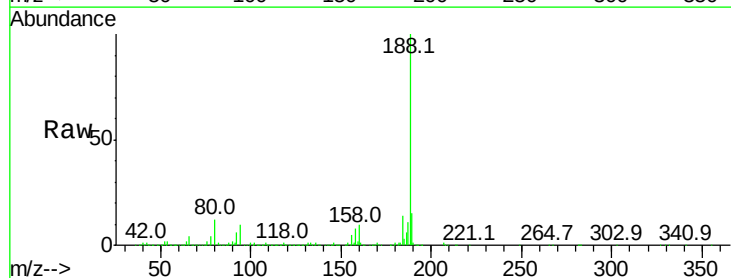
Instrument :
 BNA_M
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 STAGE2-TEST-PIT-A-B-C

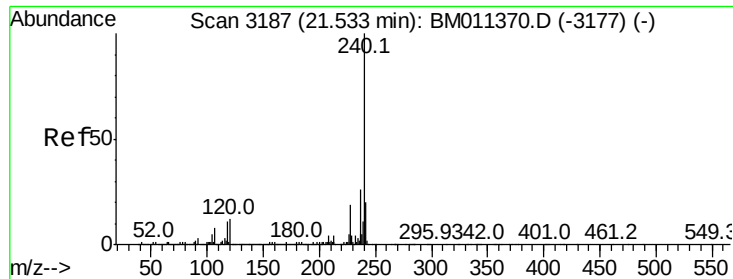
Tot Ion:172 Resp: 7018251
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 24.1 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM011400.D
 Acq: 01 Sep 2017 08:24

Tgt Ion:188 Resp: 2379655
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.7 13.1
 80 11.5 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

STAGE2-TEST-PIT-A-B-C

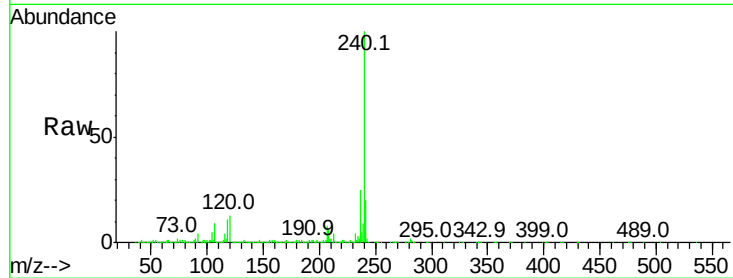
Tot Ion:240 Resp: 2897484

Ion Ratio Lower Upper

240 100

120 12.9 8.2 12.2#

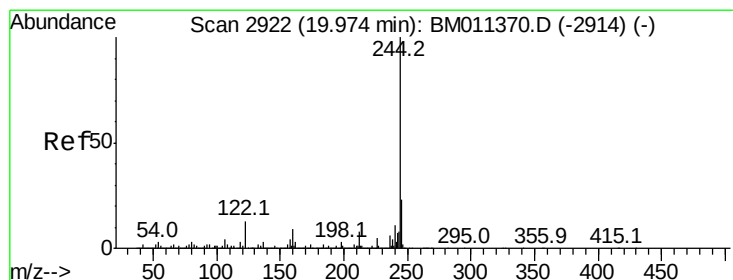
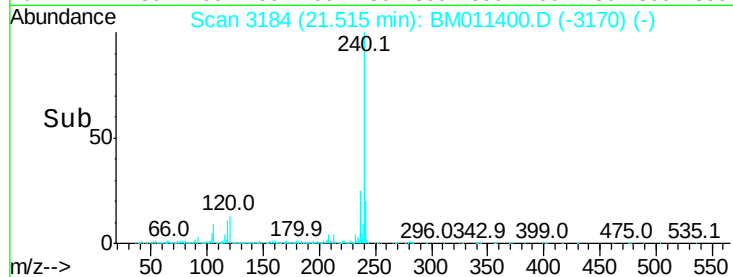
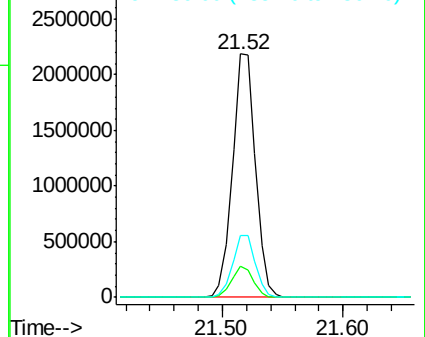
236 25.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: 89.310 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

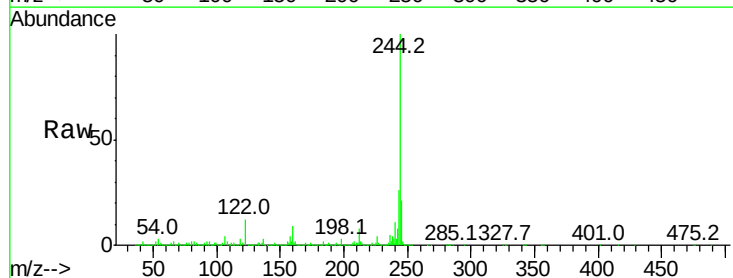
Tgt Ion:244 Resp:10429350

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

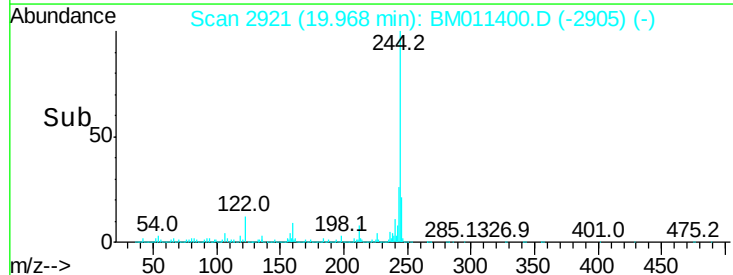
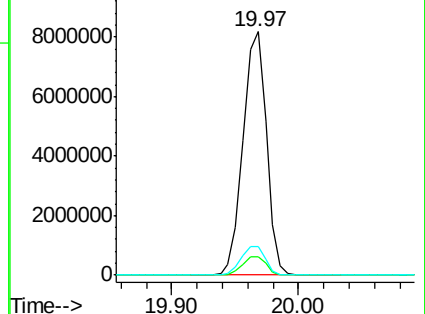
122 11.7 6.2 9.4#

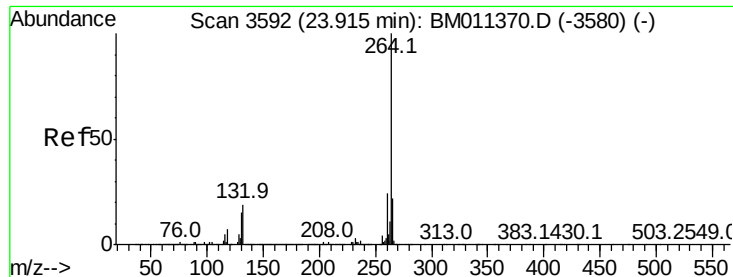


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



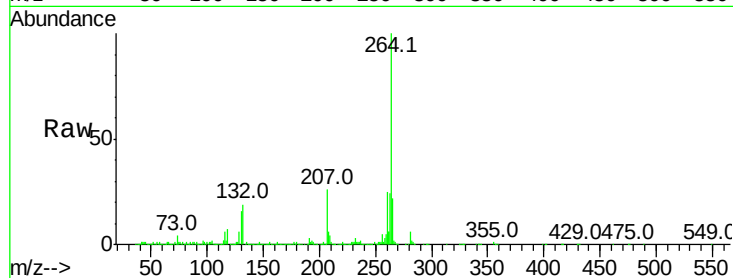


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Instrument :
BNA_M
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion:264 Resp: 2187149

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.0	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

