

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015489.D
 Acq On : 06 Jun 2018 14:59
 Operator : SJ/JU
 Sample : J3262-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RS-RO-274319

Quant Time: Jun 06 16:18:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

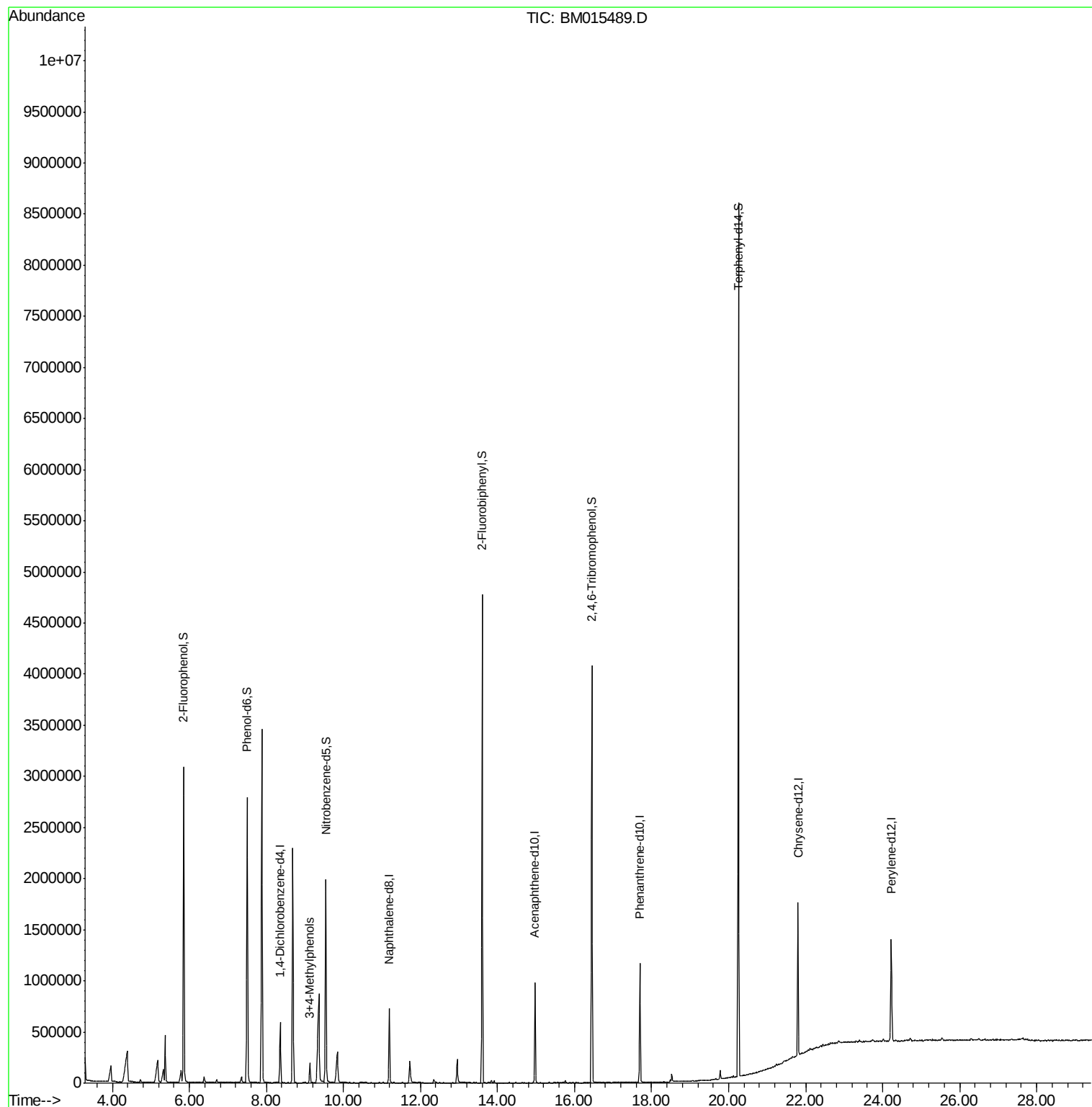
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	147618	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	577036	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	302668	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	658027	20.00	ng	0.00
75) Chrysene-d12	21.80	240	658995	20.00	ng	0.00
86) Perylene-d12	24.22	264	690413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1191989	137.35	ng	0.00
7) Phenol-d6	7.50	99	1441366	109.89	ng	0.00
23) Nitrobenzene-d5	9.55	82	1092473	102.98	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	654175	150.40	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2257092	100.13	ng	0.00
78) Terphenyl-d14	20.26	244	3746282	131.22	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.12	107	86956	6.718	ng	Qvalue 89

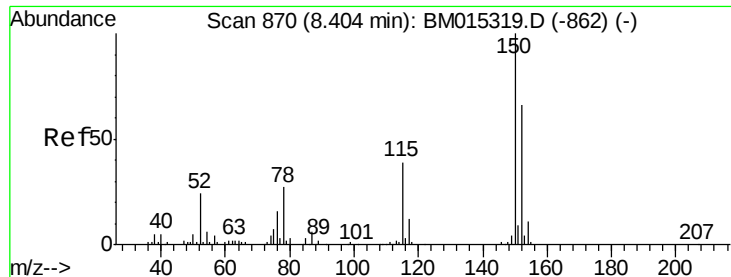
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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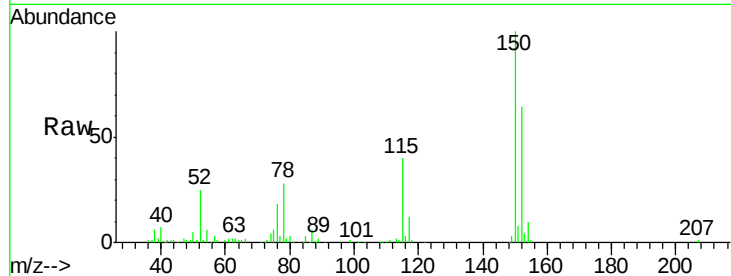


#1

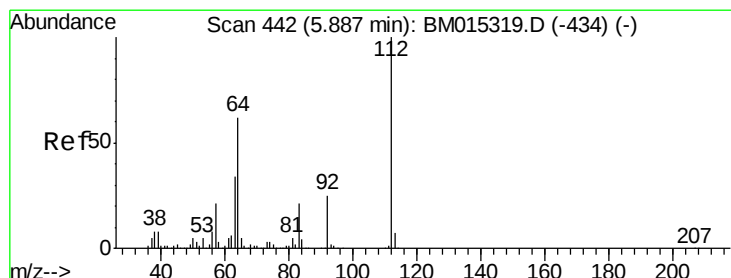
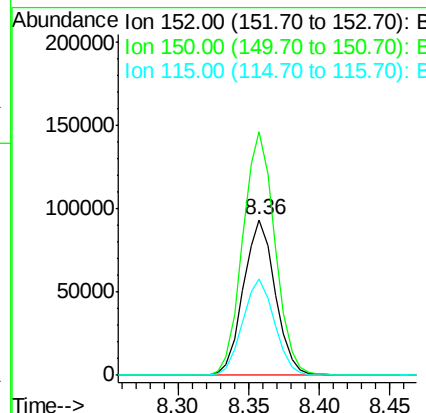
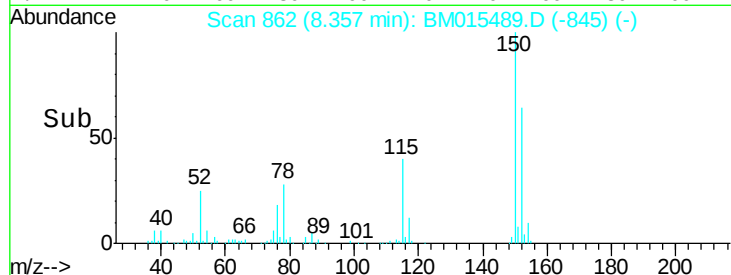
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015489.D
Acq: 06 Jun 2018 14:59

Instrument :
BNA_M
ClientSampleId :
RS-RO-274319

Tot Ion	152	Resp	147618
Ion Ratio	Lower	Upper	
152	100		
150	156.2	119.5	179.3
115	61.8	43.0	64.4



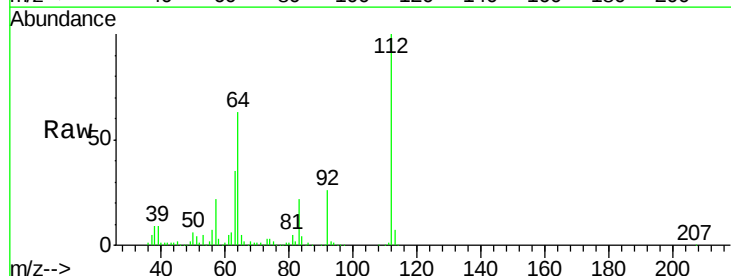
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



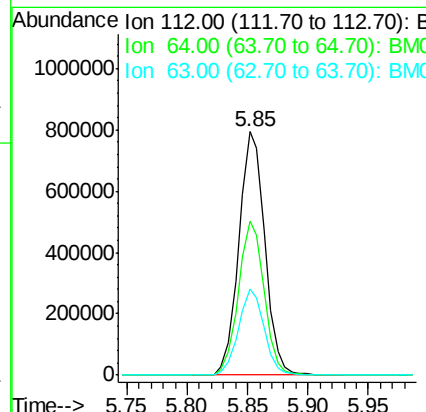
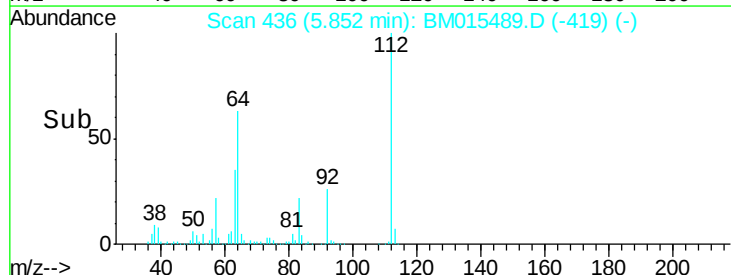
#5

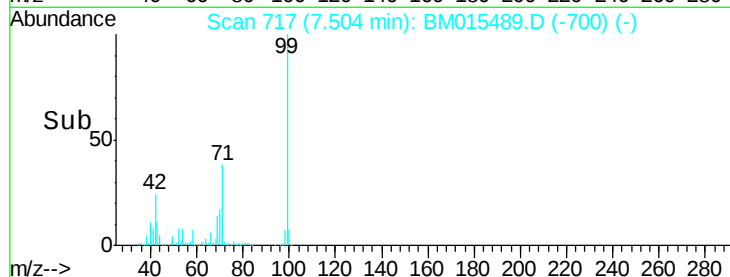
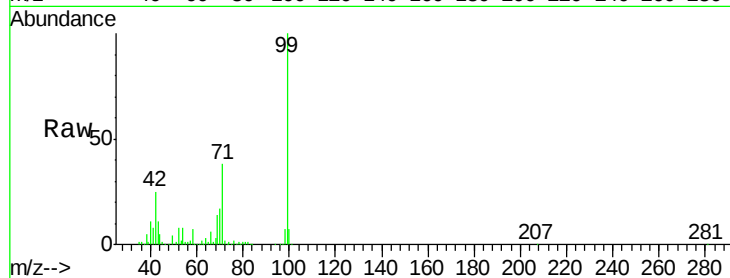
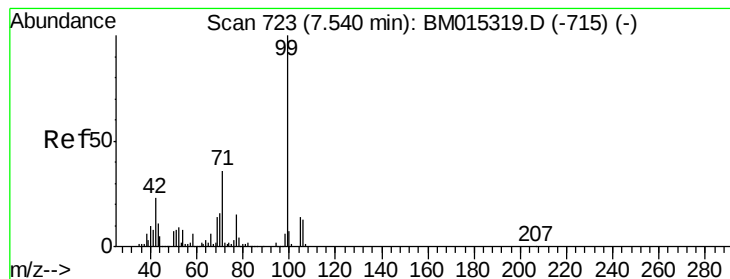
2-Fluorophenol
Concen: 137.354 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015489.D
Acq: 06 Jun 2018 14:59

Tgt Ion	112	Resp	1191989
Ion Ratio	Lower	Upper	
112	100		
64	63.1	38.6	57.8#
63	35.3	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





#7

Phenol-d6

Concen: 109.888 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

RS-RO-274319

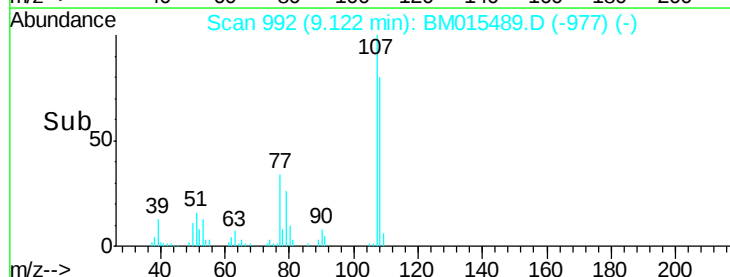
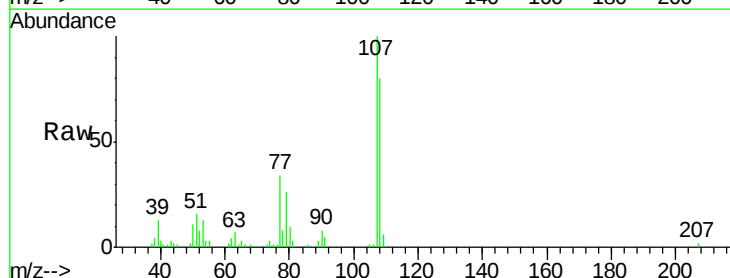
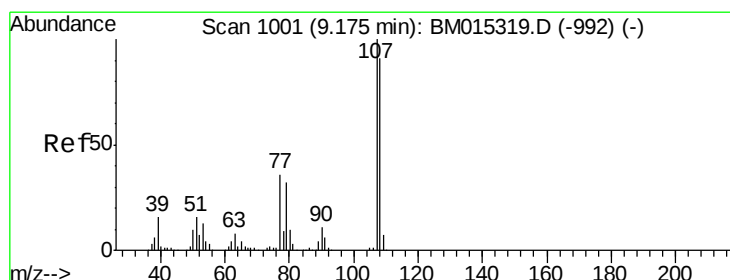
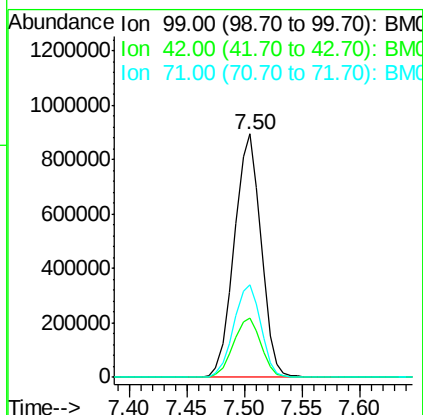
Tot Ion: 99 Resp: 1441366

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 38.3 23.4 35.2#



#20

3+4-Methylphenols

Concen: 6.718 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Tgt Ion:107 Resp: 86956

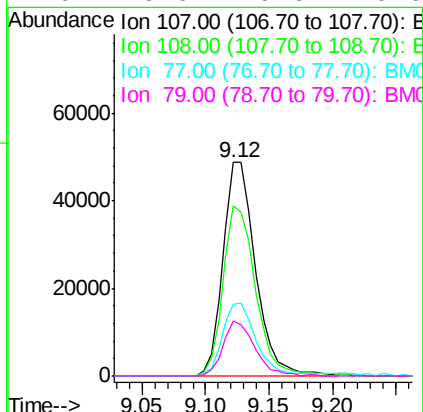
Ion Ratio Lower Upper

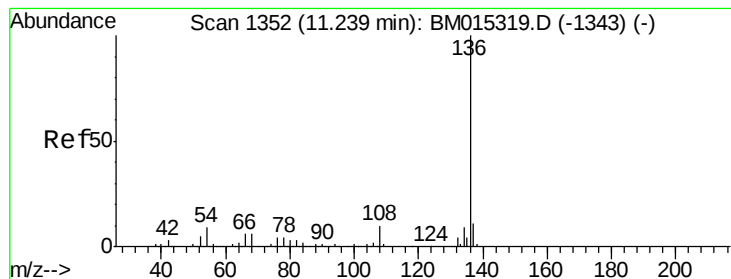
107 100

108 79.8 73.2 113.2

77 33.6 10.7 50.7

79 25.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

RS-RO-274319

Tot Ion:136 Resp: 577036

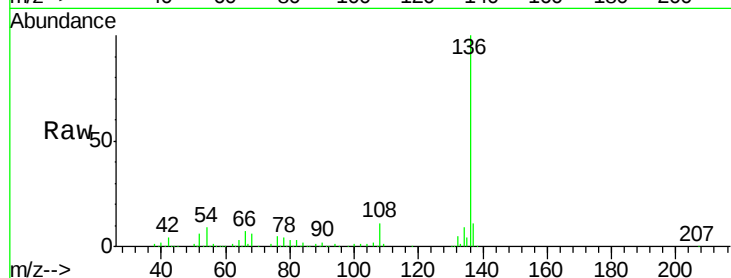
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 4.6 6.8#

68 5.9 3.7 5.5#

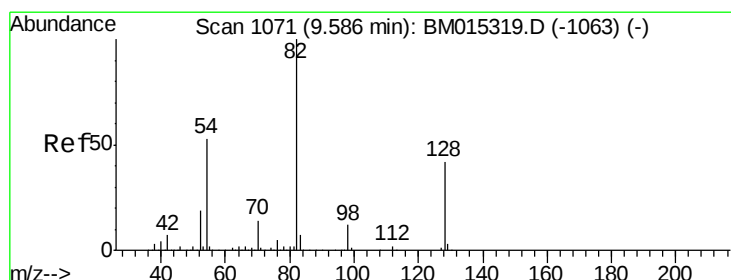
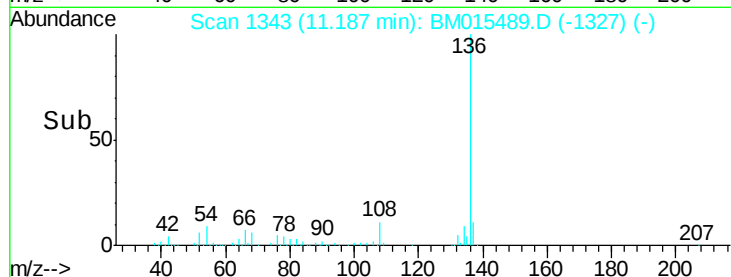
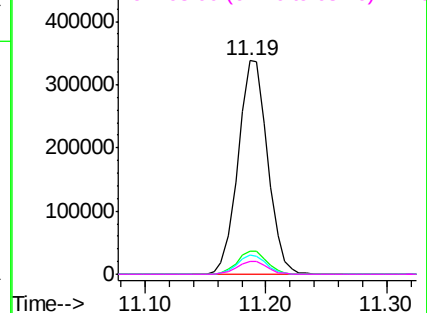


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 102.980 ng

RT: 9.55 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

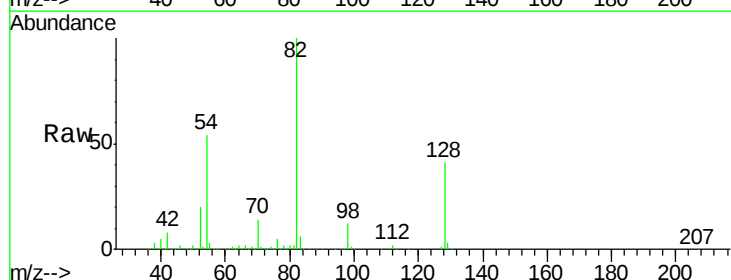
Tgt Ion: 82 Resp: 1092473

Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

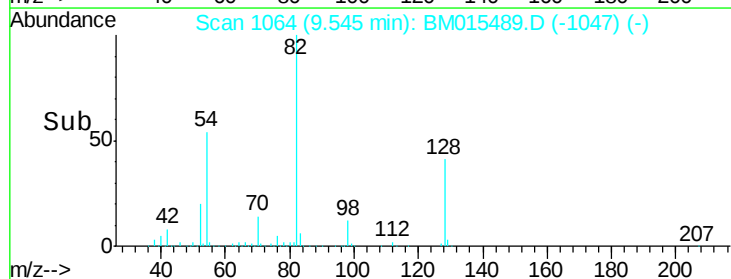
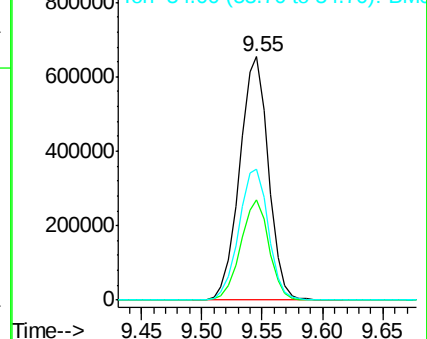
54 53.7 40.6 60.8

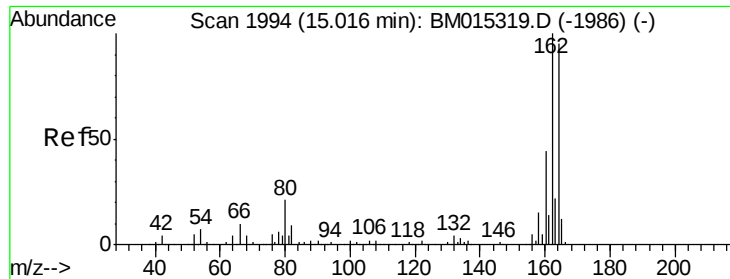


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

RS-RO-274319

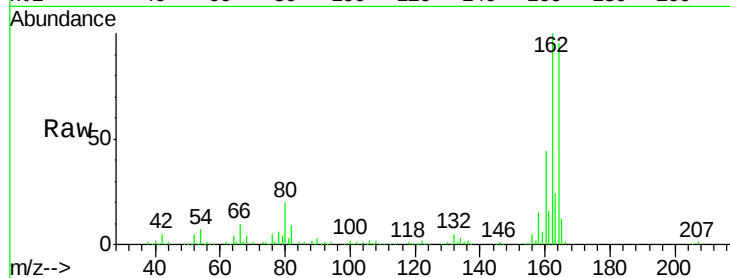
Tot Ion:164 Resp: 302668

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

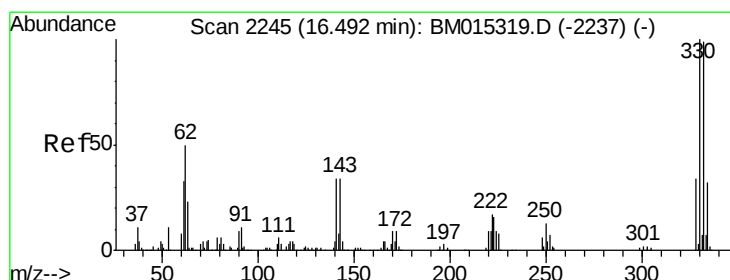
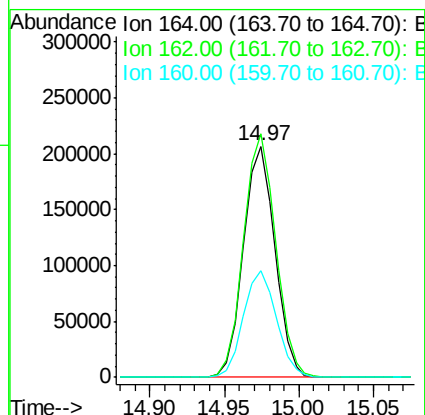
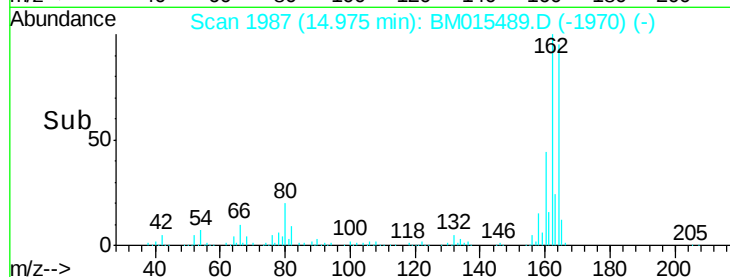
160 46.2 35.8 53.6



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: 150.400 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

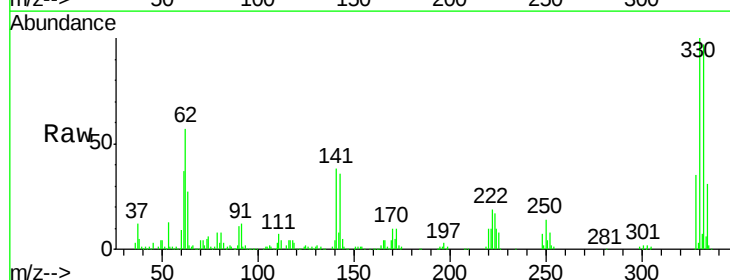
Tgt Ion:330 Resp: 654175

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

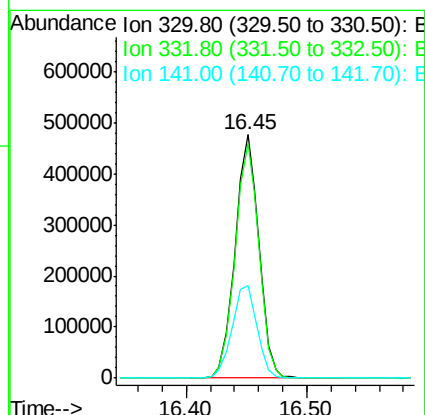
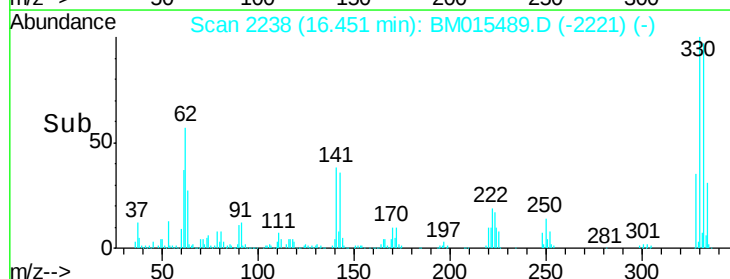
141 40.2 0.0 0.0#

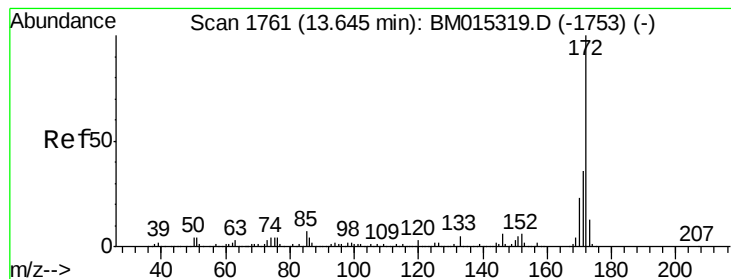


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 100.127 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

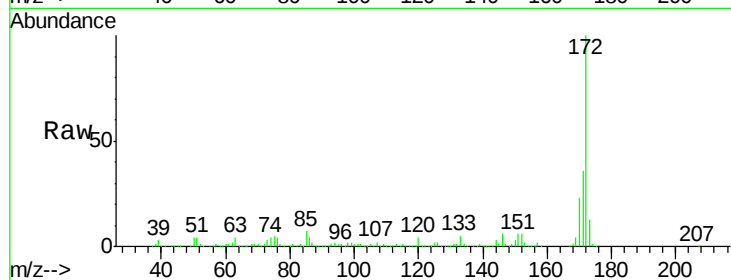
BNA_M

ClientSampleId :

RS-RO-274319

Tot Ion:172 Resp: 2257092

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	18.8	28.2

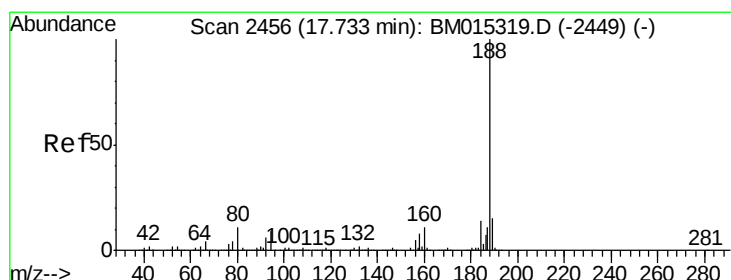
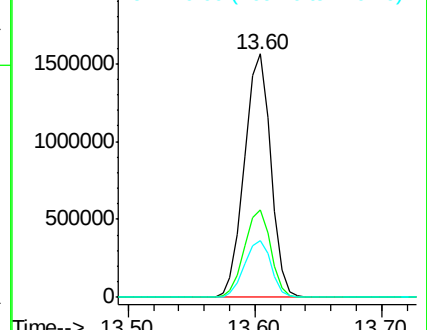
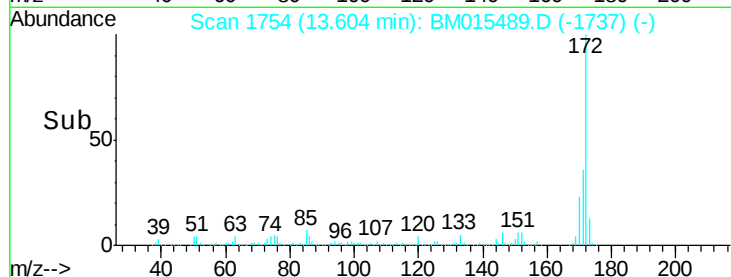


Abundance

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2449

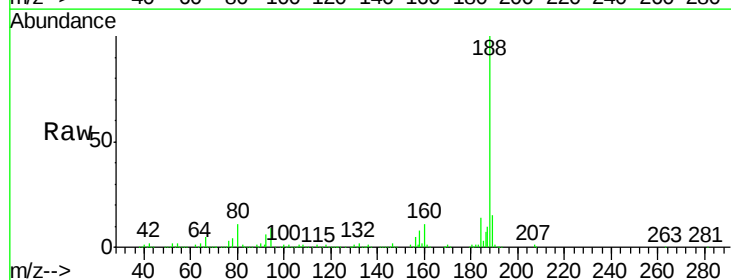
Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Tgt Ion:188 Resp: 658027

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	10.9	9.3	13.9

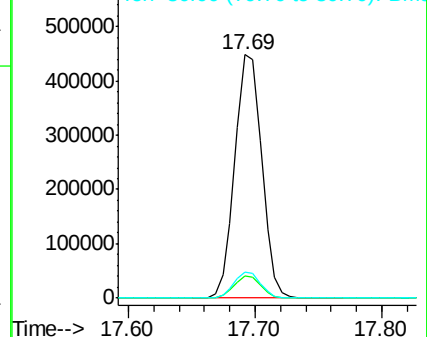
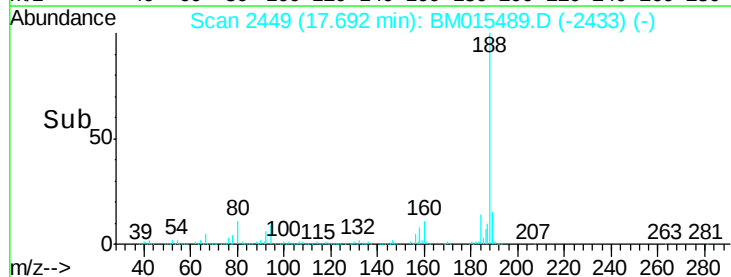


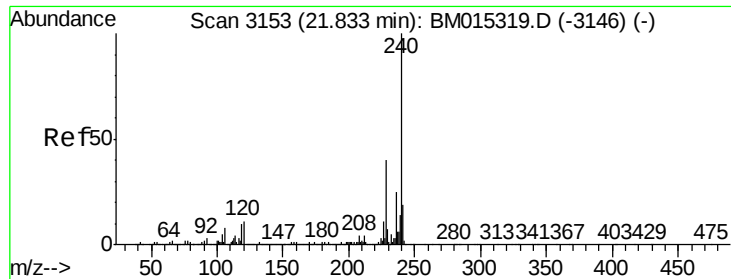
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

RS-RO-274319

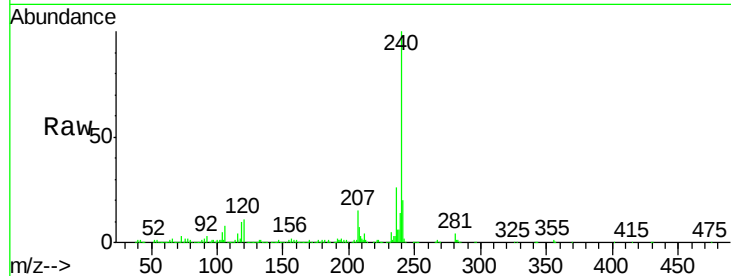
Tot Ion:240 Resp: 658995

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	26.3	20.0	30.0

240 100

120 10.9 8.2 12.2

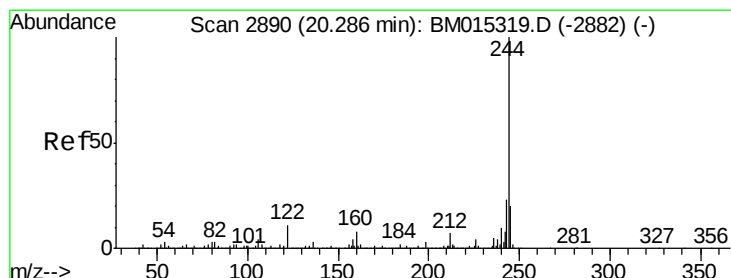
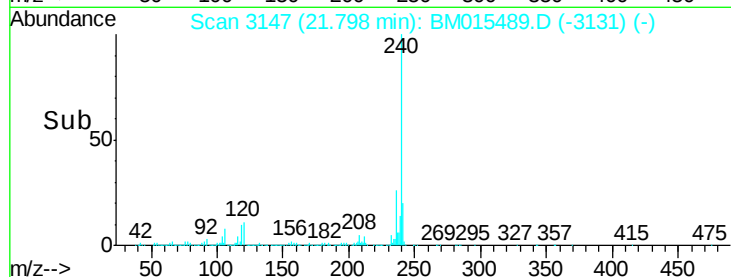
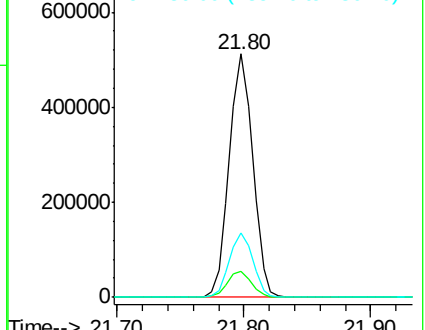
236 26.3 20.0 30.0



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: 131.216 ng

RT: 20.26 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

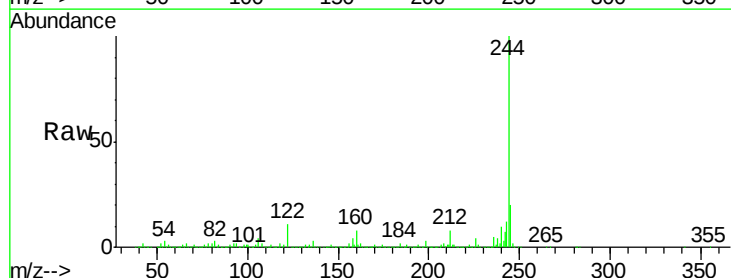
Tgt Ion:244 Resp: 3746282

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	10.6	6.2	9.4#

244 100

212 7.5 4.9 7.3#

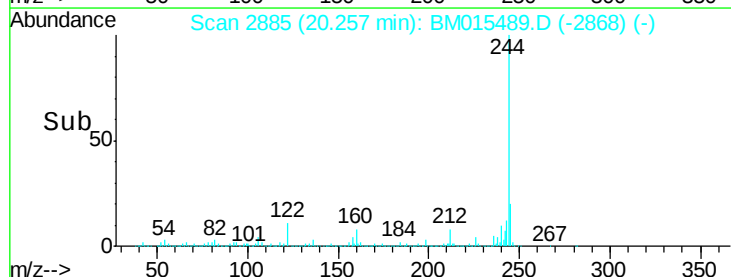
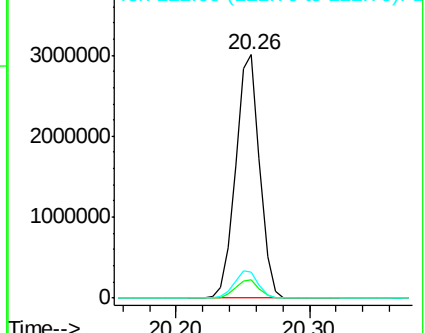
122 10.6 6.2 9.4#

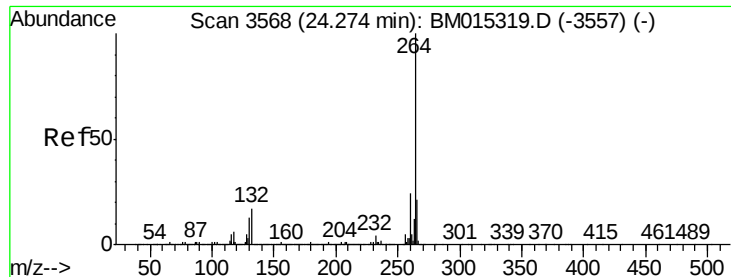


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.22 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM015489.D
Acq: 06 Jun 2018 14:59

Instrument :
BNA_M
ClientSampleId :
RS-RO-274319

Tot Ion: 264 Resp: 690413

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.6	17.3	25.9

