

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015488.D
 Acq On : 06 Jun 2018 14:22
 Operator : SJ/JU
 Sample : J3259-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 14:54:25 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

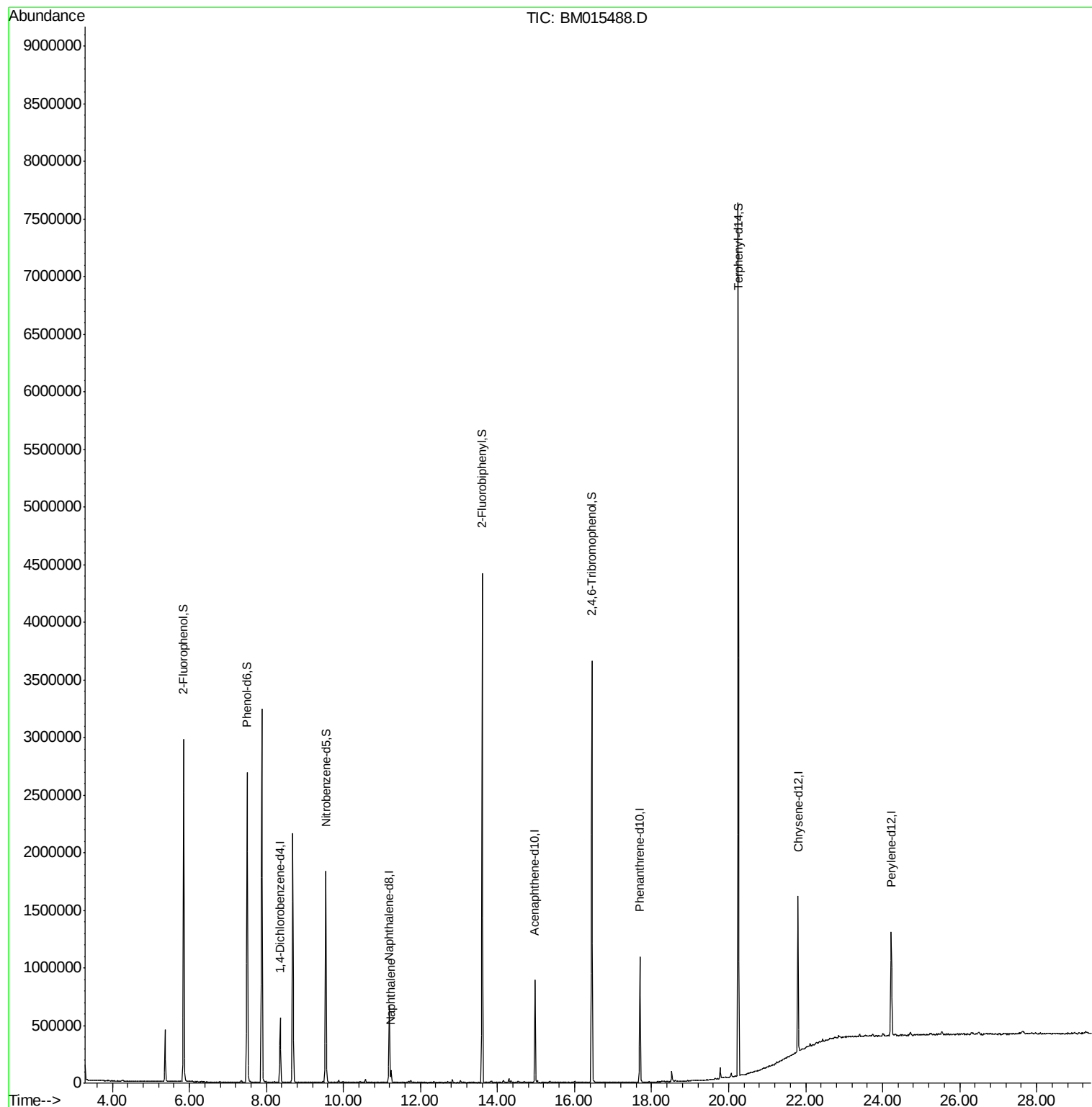
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	140995	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	537297	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	280942	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	605577	20.00	ng	0.00
75) Chrysene-d12	21.80	240	610428	20.00	ng	0.00
86) Perylene-d12	24.22	264	643809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1140506	137.59	ng	0.00
7) Phenol-d6	7.50	99	1383821	110.46	ng	0.00
23) Nitrobenzene-d5	9.55	82	1019945	103.25	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	594328	147.21	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2067162	98.79	ng	0.00
78) Terphenyl-d14	20.25	244	3291612	124.46	ng	0.00
Target Compounds						
31) Naphthalene	11.24	128	85009	3.053	ng	Qvalue 98

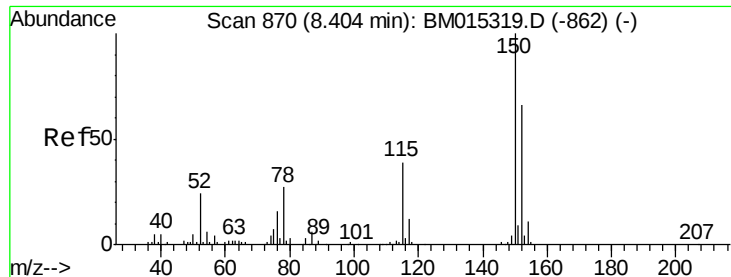
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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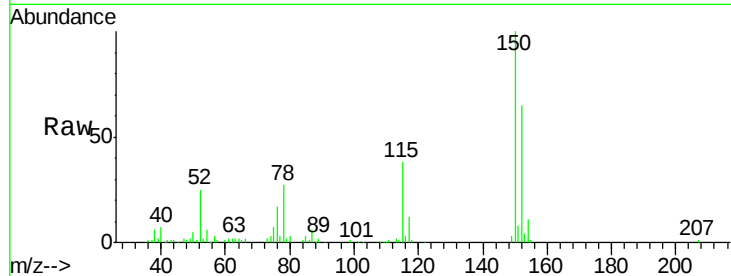


#1

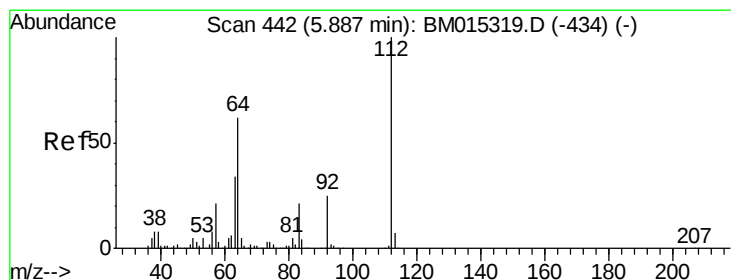
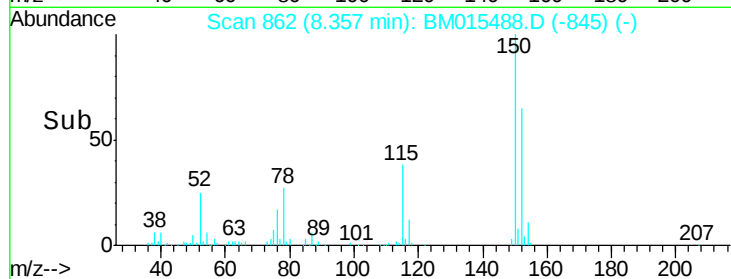
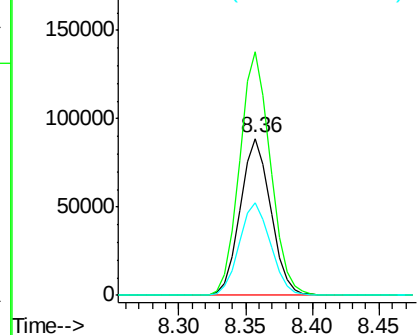
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015488.D
Acq: 06 Jun 2018 14:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 140995
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 58.9 43.0 64.4



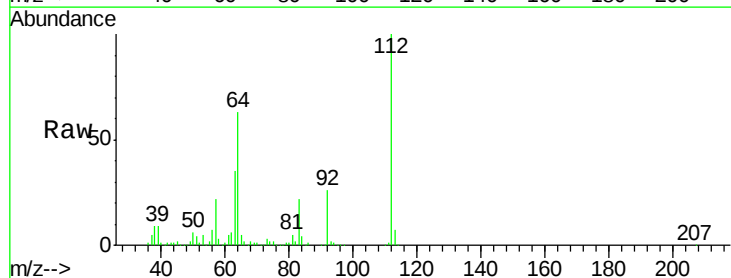
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



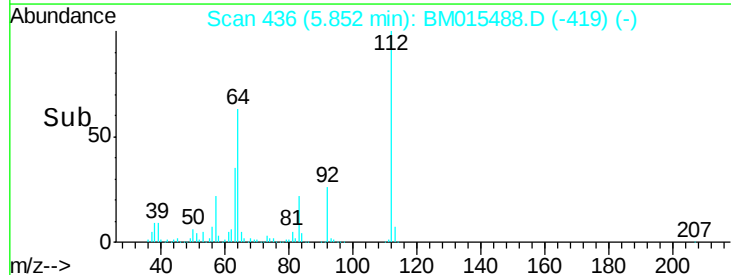
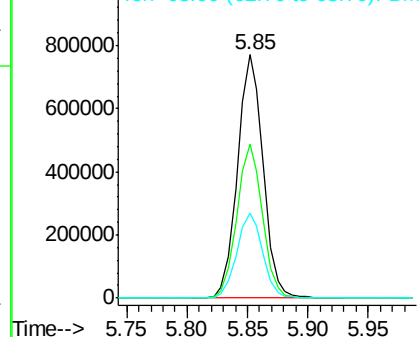
#5

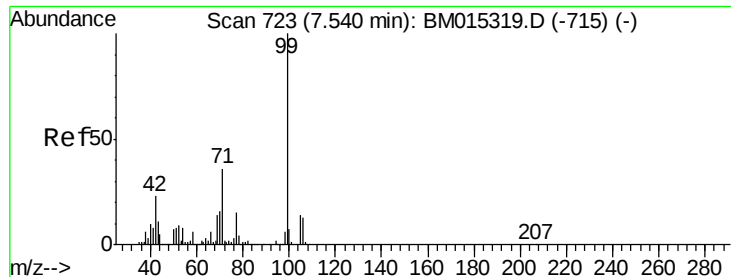
2-Fluorophenol
Concen: 137.595 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015488.D
Acq: 06 Jun 2018 14:22

Tgt Ion:112 Resp: 1140506
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 35.0 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: 110.457 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015488.D

Acq: 06 Jun 2018 14:22

Instrument :

BNA_M

ClientSampled :

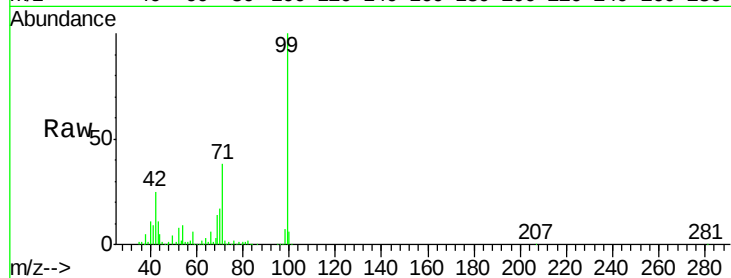
Tot Ion: 99 Resp: 1383821

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

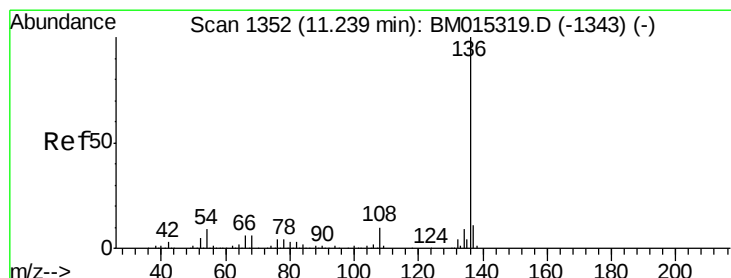
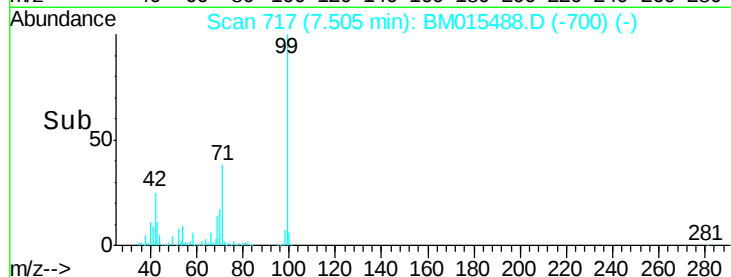
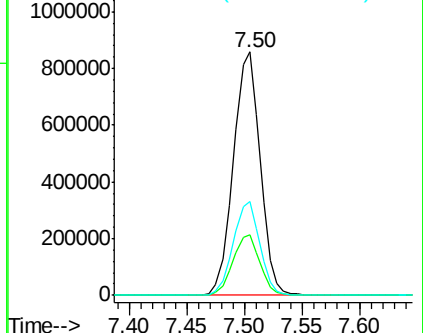
71 38.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015319.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015319.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015319.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015488.D

Acq: 06 Jun 2018 14:22

Tgt Ion: 136 Resp: 537297

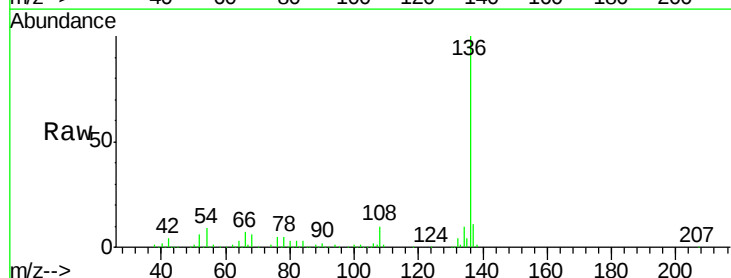
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.4 4.6 6.8#

68 5.8 3.7 5.5#

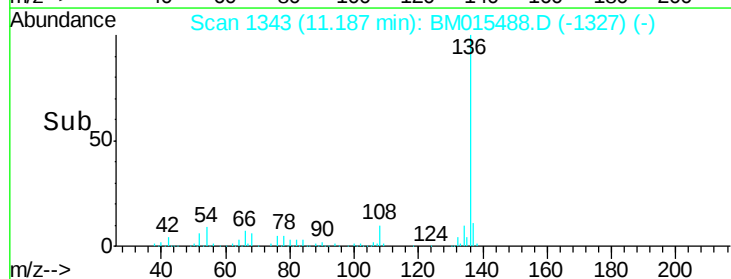
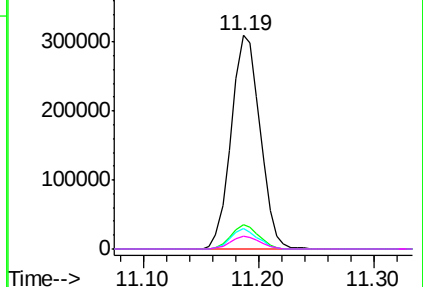


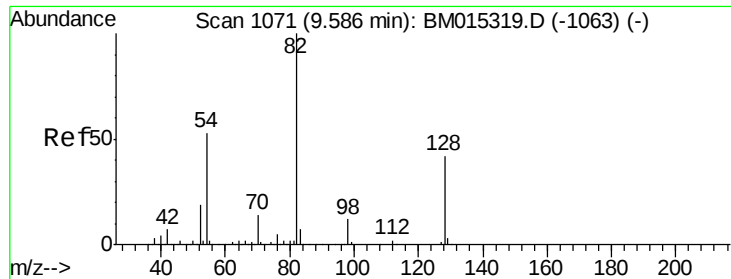
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

Ion 137.00 (136.70 to 137.70): BM015319.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015319.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015319.D (-1343) (-)

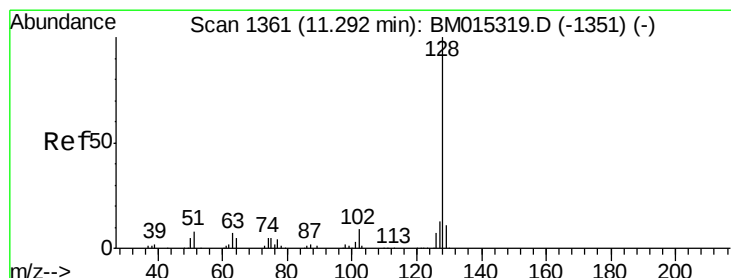
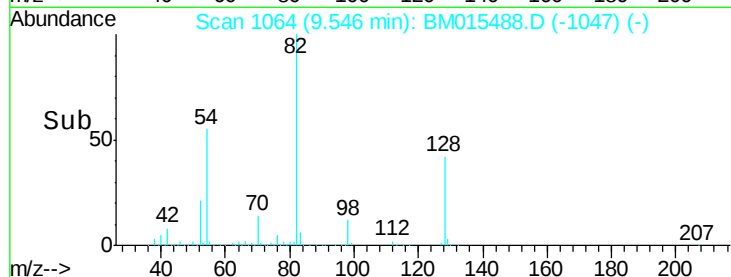
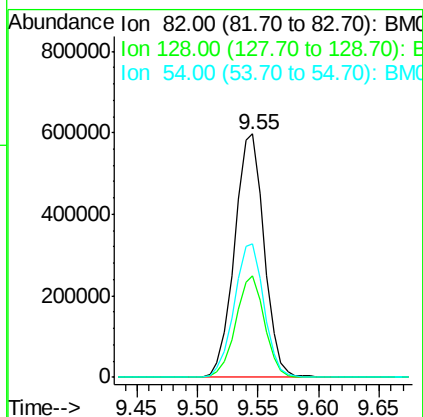
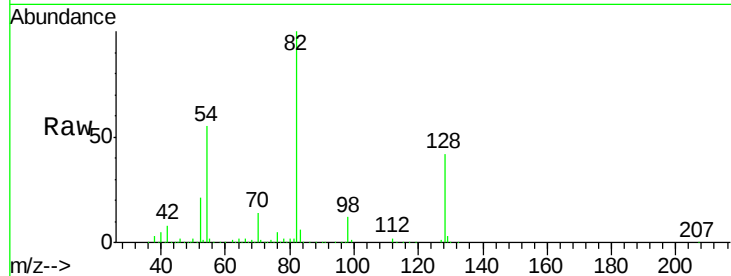




#23
Nitrobenzene-d5
Concen: 103.254 ng
RT: 9.55 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BM015488.D
Acq: 06 Jun 2018 14:22

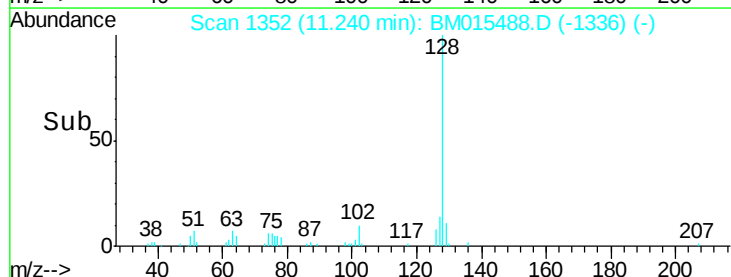
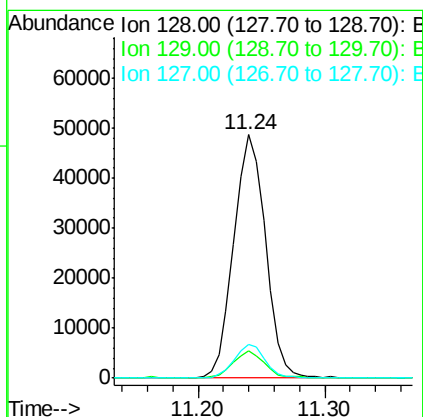
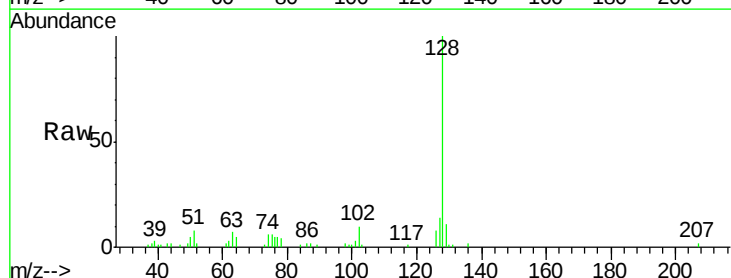
Instrument :
BNA_M
ClientSampleId :

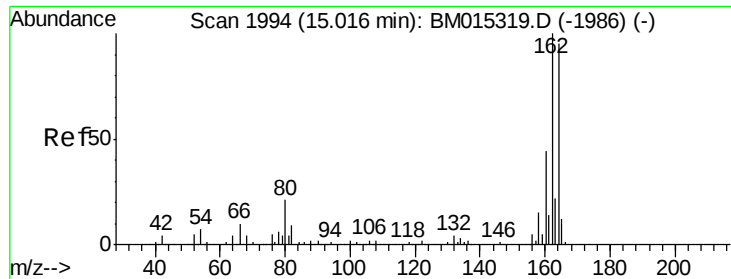
Tot Ion: 82 Resp: 1019945
Ion Ratio Lower Upper
82 100
128 41.5 32.8 49.2
54 55.0 40.6 60.8



#31
Naphthalene
Concen: 3.053 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015488.D
Acq: 06 Jun 2018 14:22

Tgt Ion:128 Resp: 85009
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM015488.D

Acq: 06 Jun 2018 14:22

Instrument :

BNA_M

ClientSampleId :

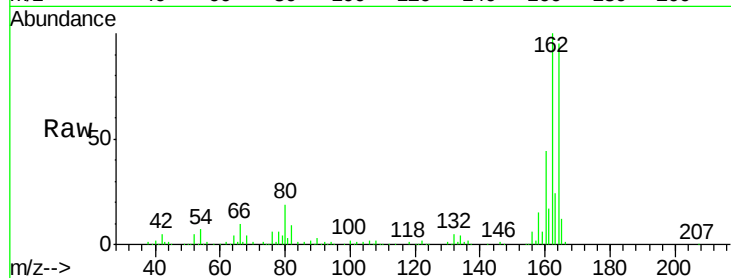
Tot Ion:164 Resp: 280942

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

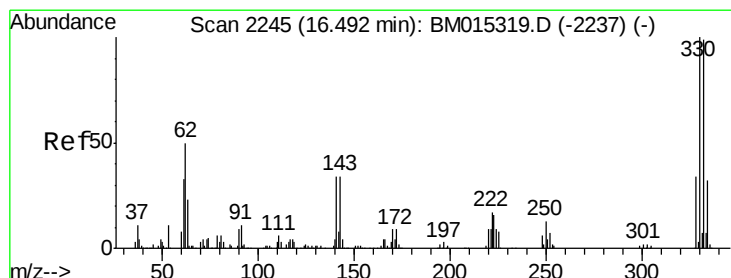
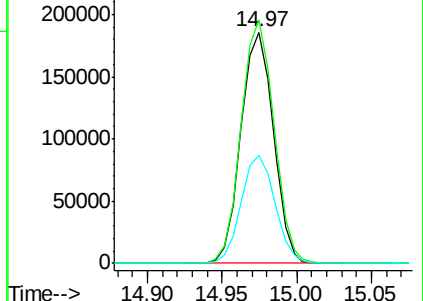
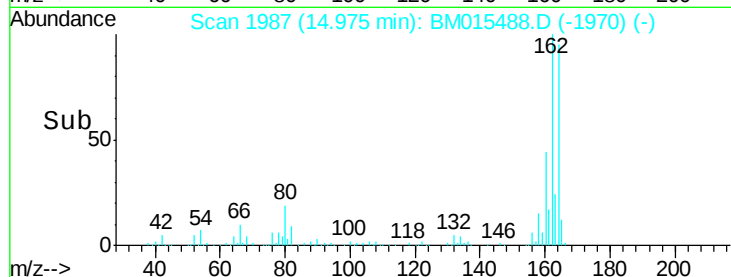
160 46.6 35.8 53.6



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: 147.207 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015488.D

Acq: 06 Jun 2018 14:22

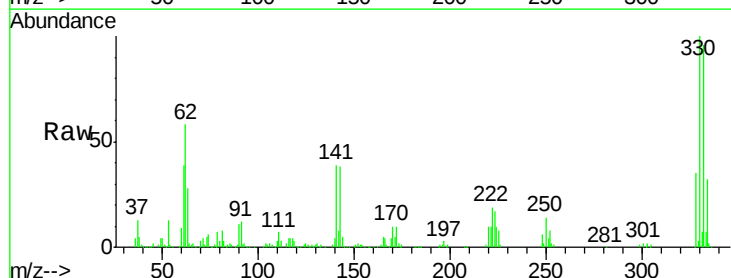
Tgt Ion:330 Resp: 594328

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

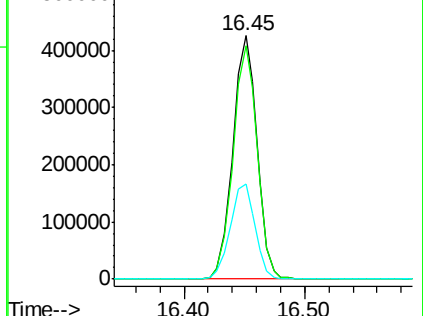
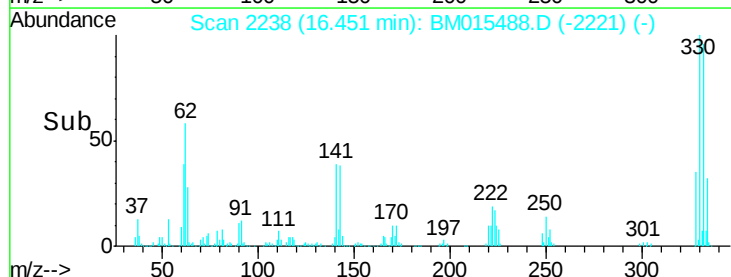
141 40.2 0.0 0.0#

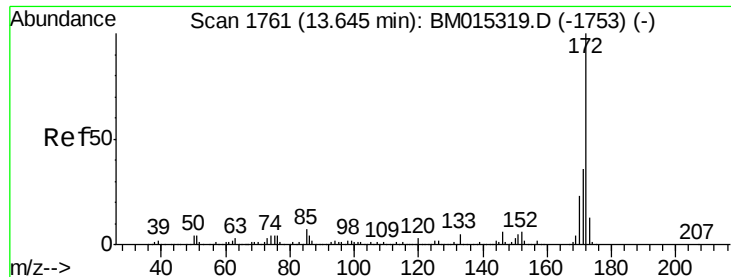


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



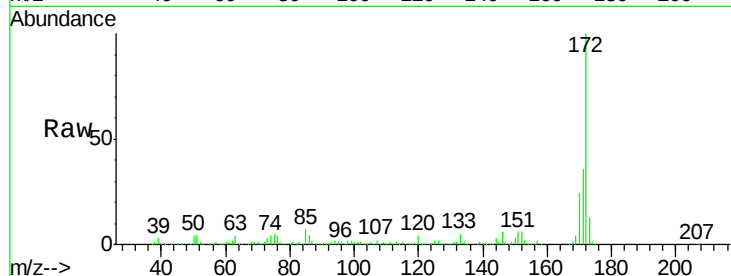


#44
 2-Fluorobiphenyl
 Concen: 98.793 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015488.D
 Acq: 06 Jun 2018 14:22

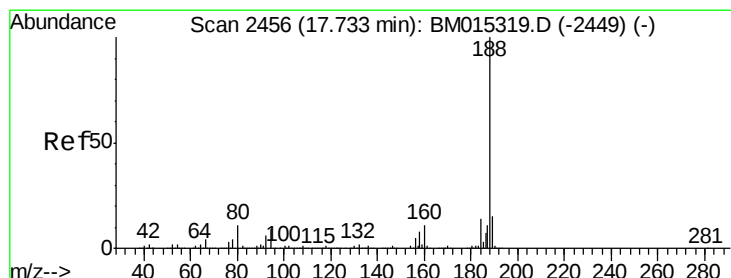
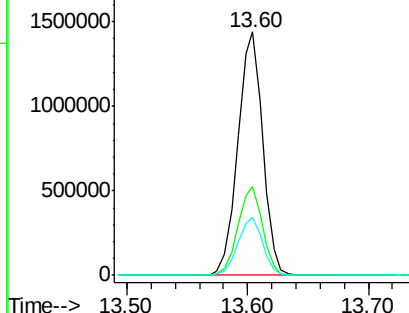
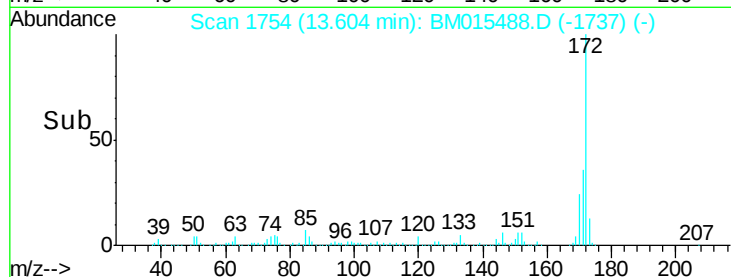
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2067162

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.0	18.8	28.2



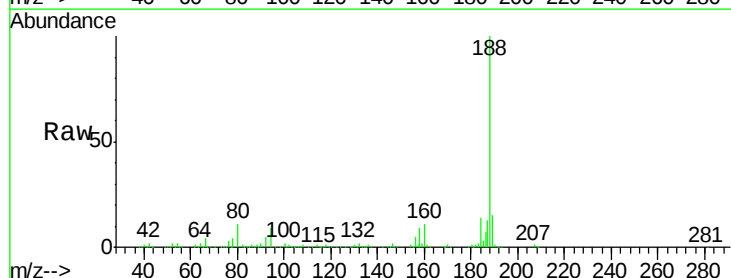
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



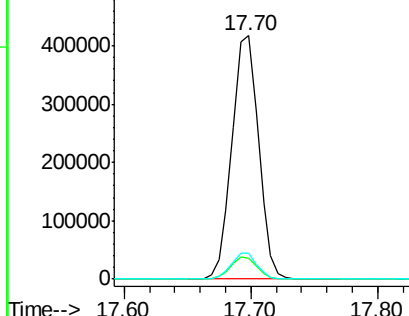
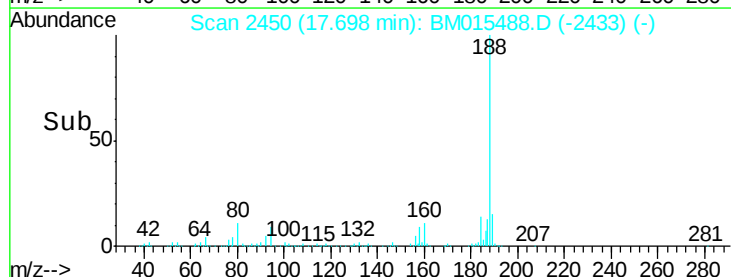
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM015488.D
 Acq: 06 Jun 2018 14:22

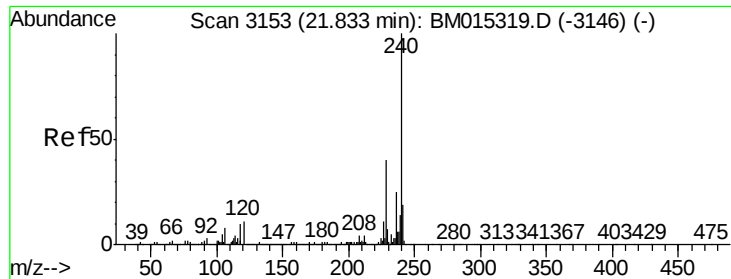
Tgt Ion:188 Resp: 605577

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	10.6	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: BM015488.D

Acq: 06 Jun 2018 14:22

Instrument :

BNA_M

ClientSampleId :

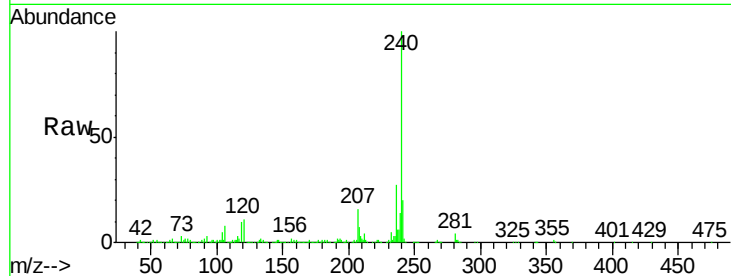
Tot Ion:240 Resp: 610428

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

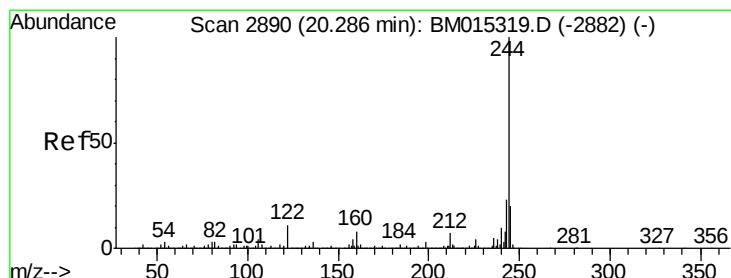
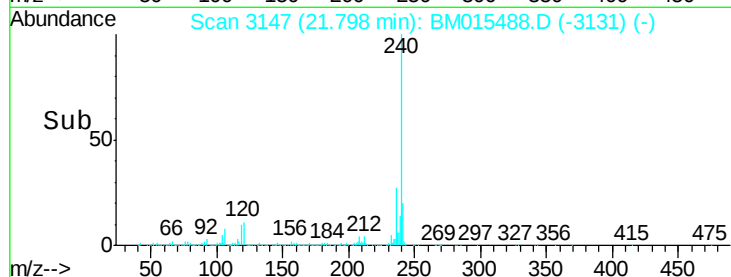
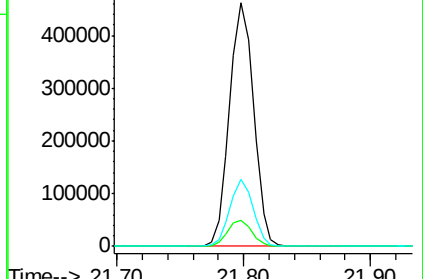
236 27.3 20.0 30.0



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: 124.464 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015488.D

Acq: 06 Jun 2018 14:22

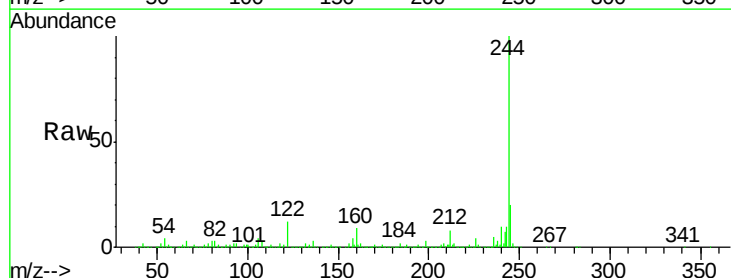
Tgt Ion:244 Resp: 3291612

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

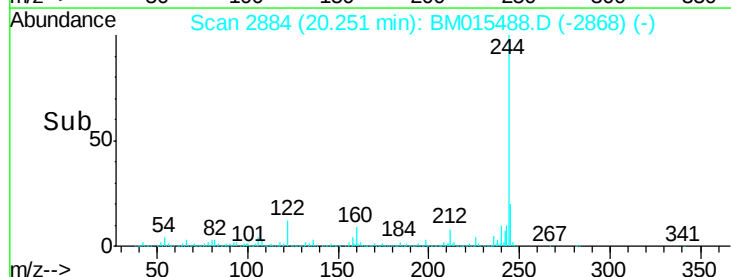
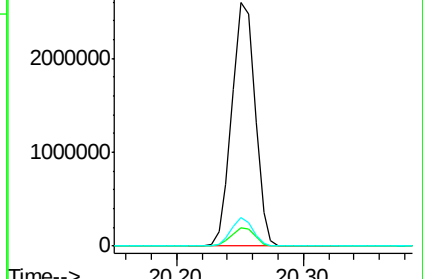
122 11.6 6.2 9.4#

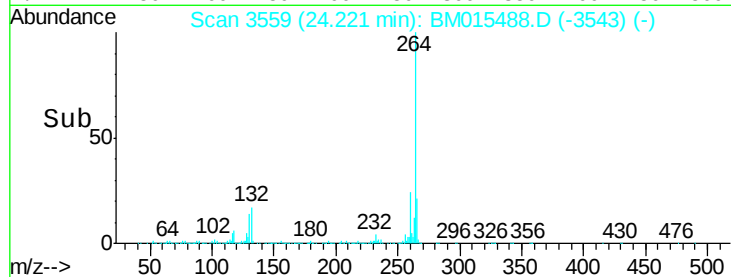
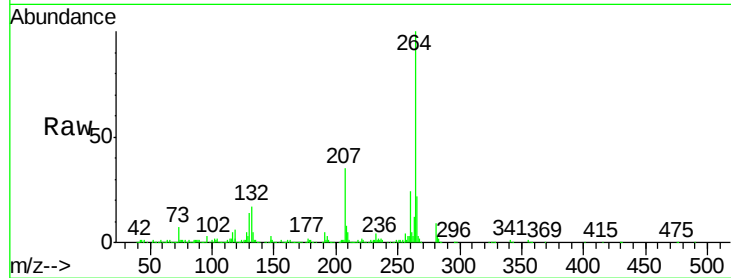
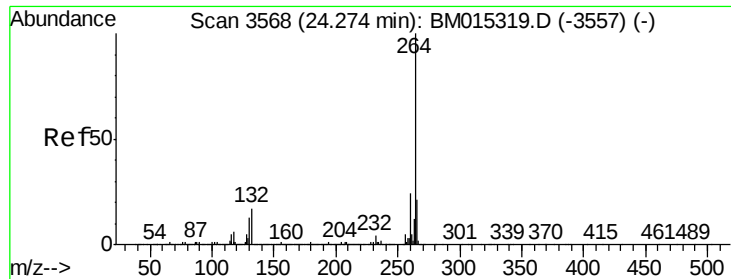


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM015488.D

Acq: 06 Jun 2018 14:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 264 Resp: 643809

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.5 17.3 25.9

