

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015500.D
 Acq On : 06 Jun 2018 21:48
 Operator : SJ/JU
 Sample : J2309-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 03:19:00 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	129669	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	480459	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	248708	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	536199	20.00	ng	0.00
75) Chrysene-d12	21.80	240	546865	20.00	ng	0.00
86) Perylene-d12	24.21	264	569269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1056035	138.53	ng	0.00
7) Phenol-d6	7.50	99	1234448	107.14	ng	0.00
23) Nitrobenzene-d5	9.54	82	978468	110.77	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	526489	147.31	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1982993	107.05	ng	0.00
78) Terphenyl-d14	20.25	244	3009662	127.03	ng	0.00

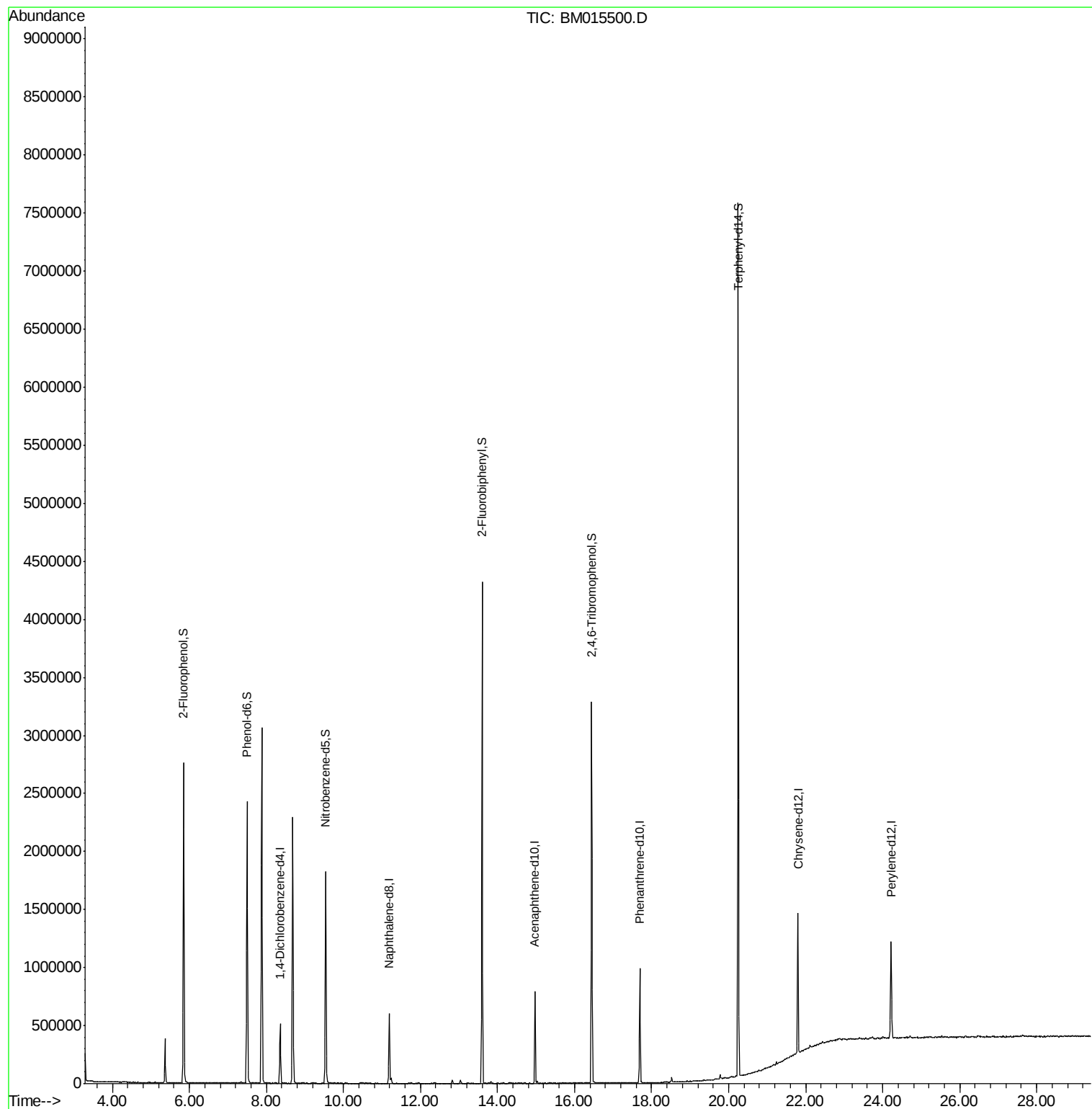
Target Compounds Qvalue

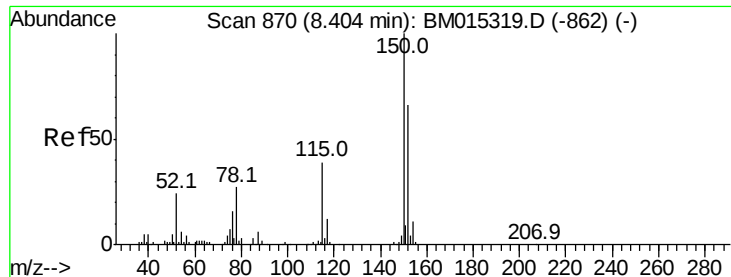
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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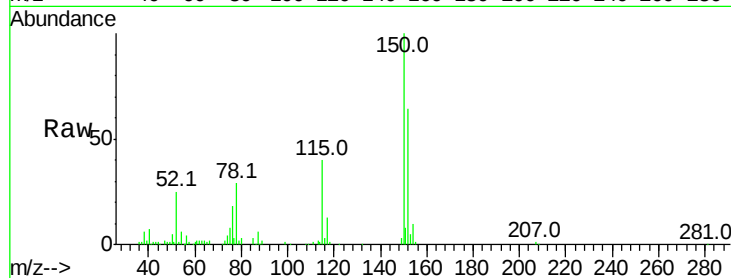


#1

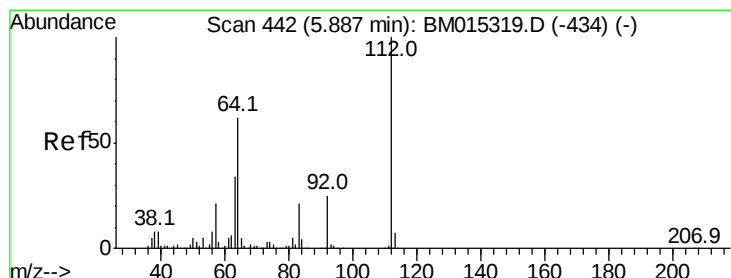
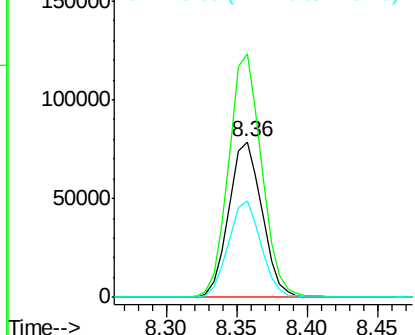
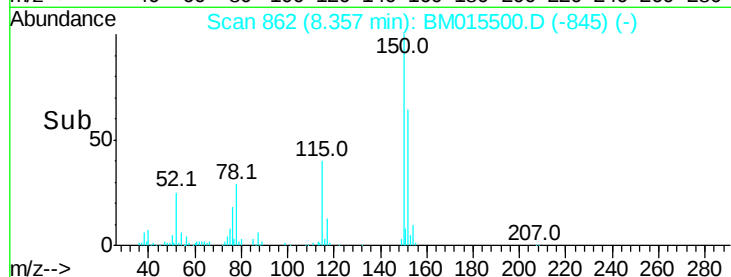
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 129669
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 62.0 43.0 64.4



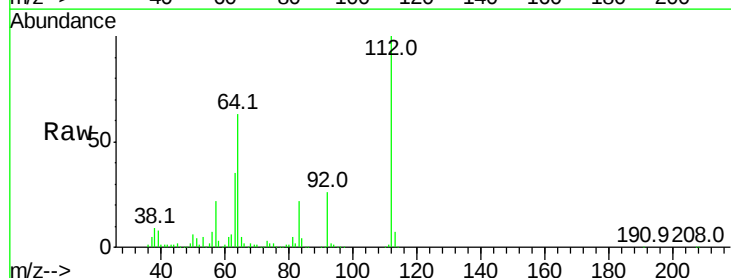
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



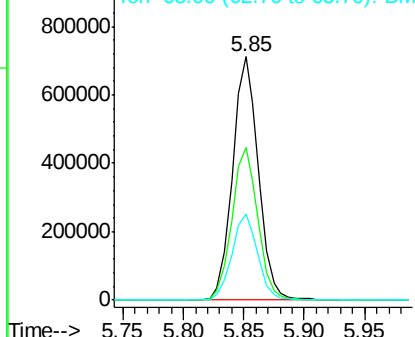
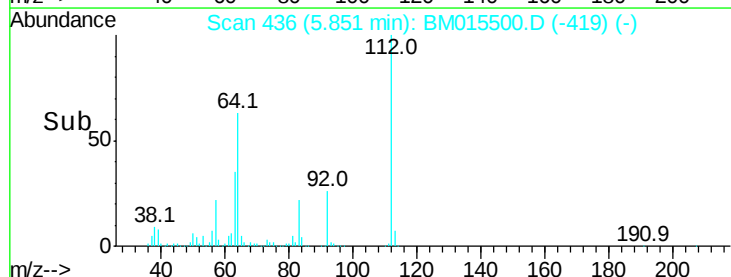
#5

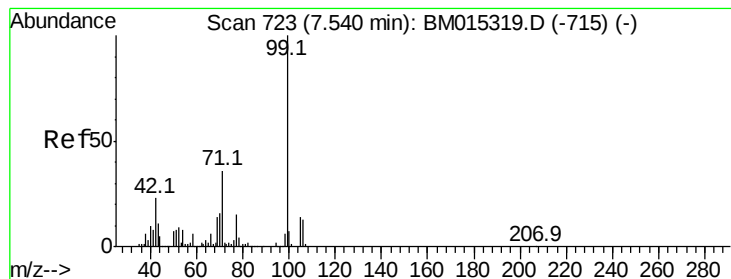
2-Fluorophenol
Concen: 138.532 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Tgt Ion:112 Resp: 1056035
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 35.2 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: 107.140 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Instrument :

BNA_M

ClientSampled :

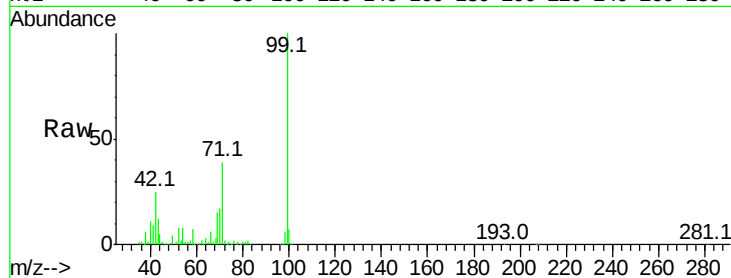
Tot Ion: 99 Resp: 1234448

Ion Ratio Lower Upper

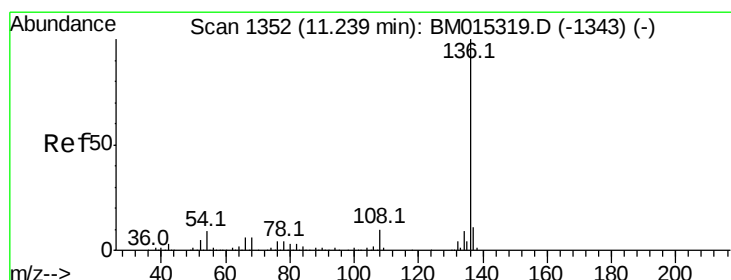
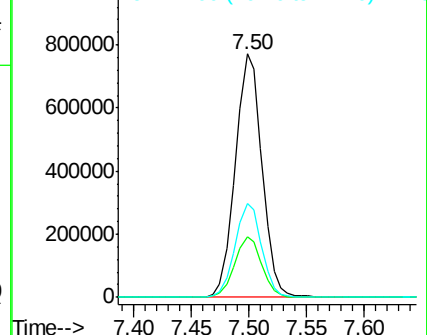
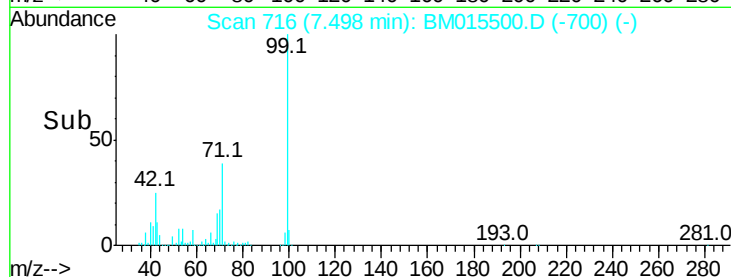
99 100

42 24.9 11.0 16.4#

71 38.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015500.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Tgt Ion: 136 Resp: 480459

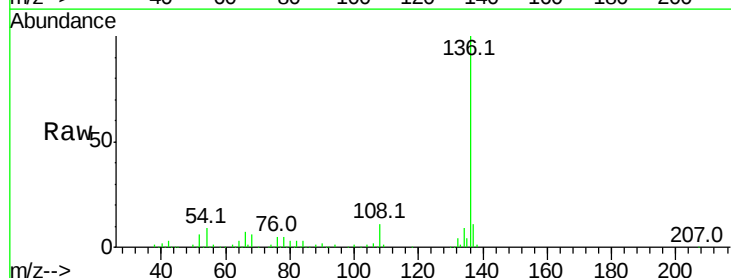
Ion Ratio Lower Upper

136 100

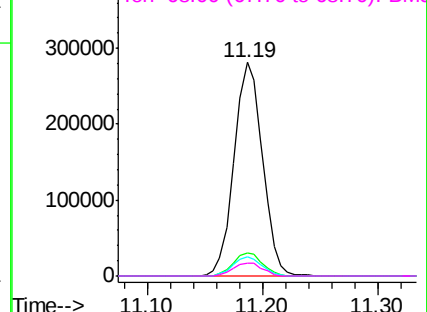
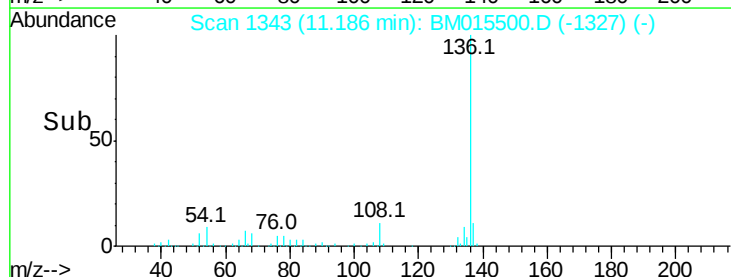
137 10.7 8.7 13.1

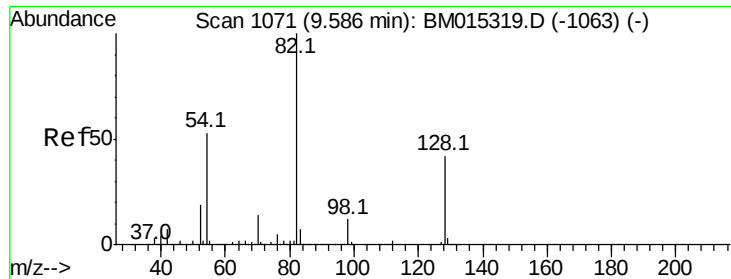
54 9.0 4.6 6.8#

68 6.2 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM015500.D (-1327) (-)

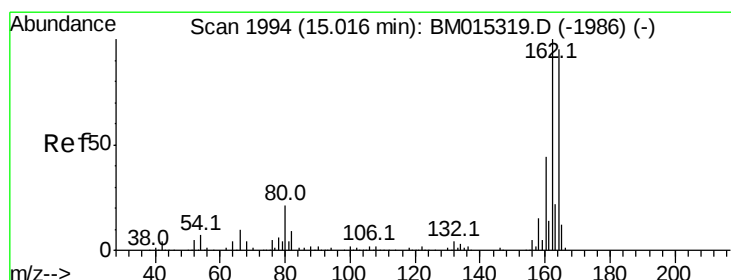
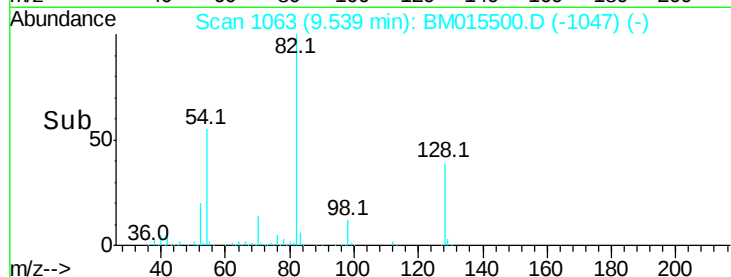
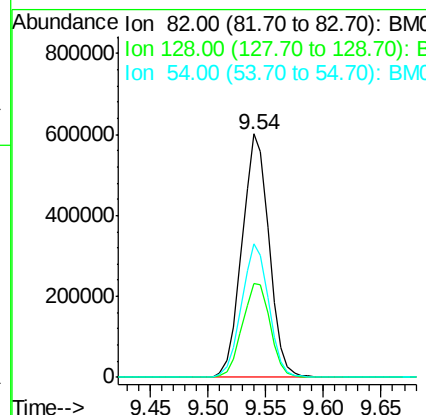
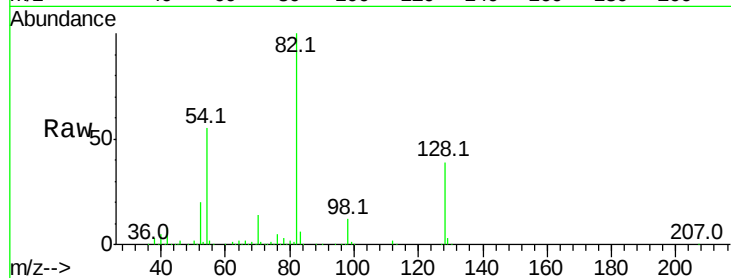




#23
 Nitrobenzene-d5
 Concen: 110.773 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

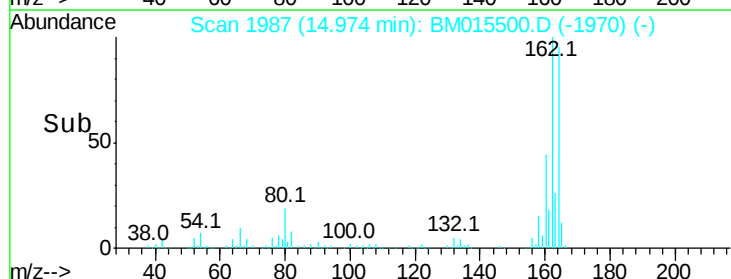
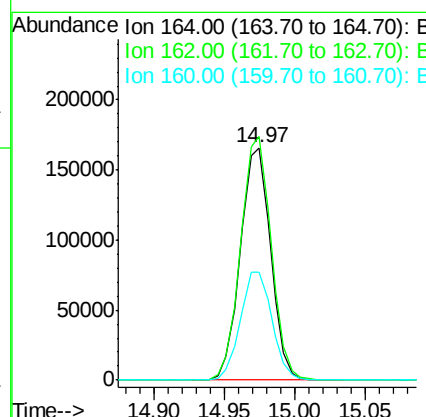
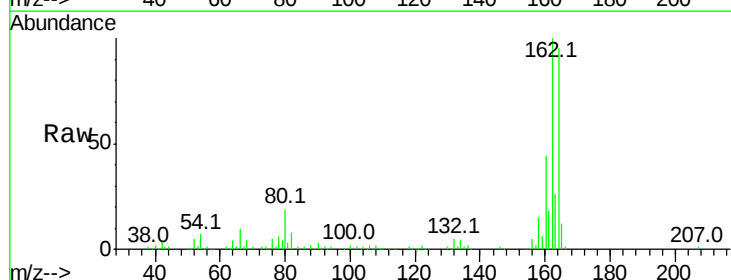
Instrument :
 BNA_M
 ClientSampleId :

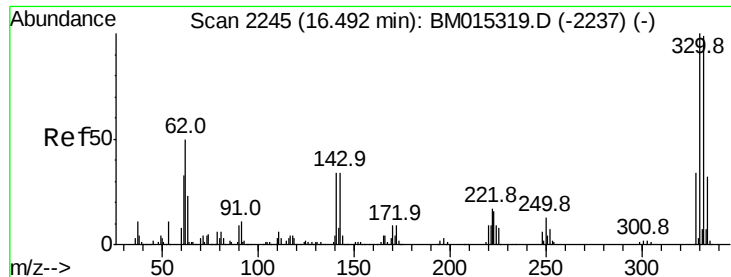
Tot Ion: 82 Resp: 978468
 Ion Ratio Lower Upper
 82 100
 128 38.8 32.8 49.2
 54 55.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

Tgt Ion: 164 Resp: 248708
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.4 123.6
 160 46.6 35.8 53.6

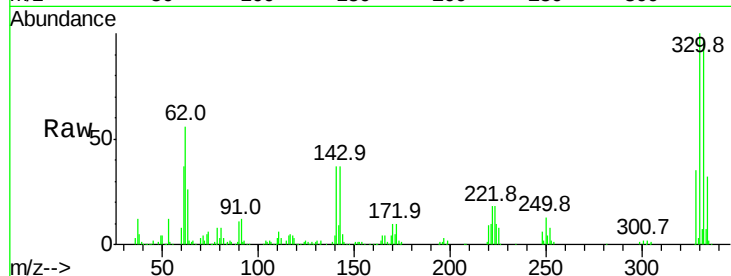




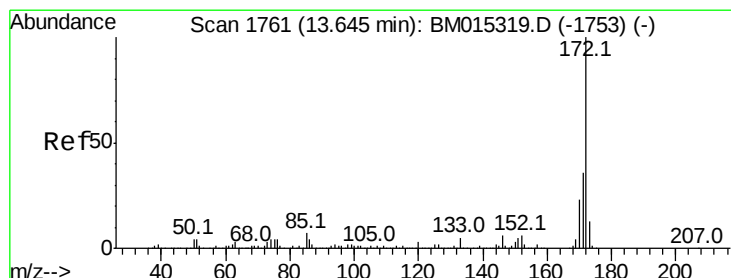
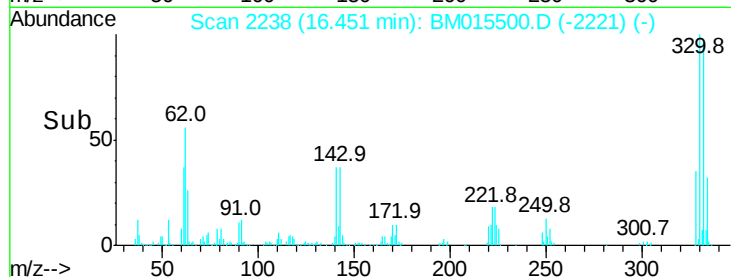
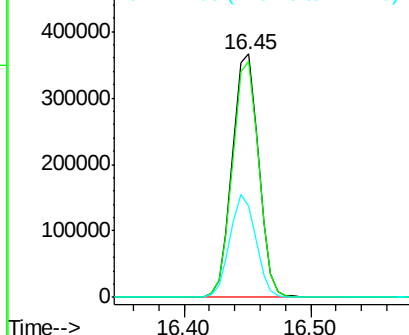
#41
 2,4,6-Tribromophenol
 Concen: 147.306 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	41.4	0.0	0.0#

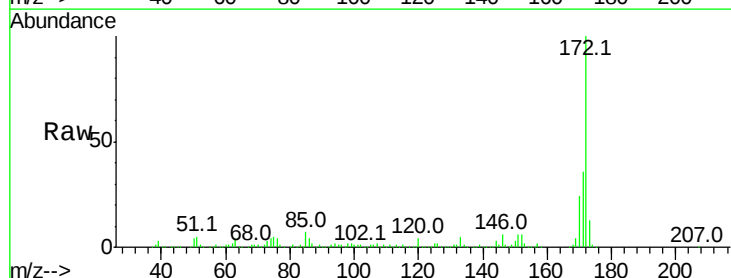


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

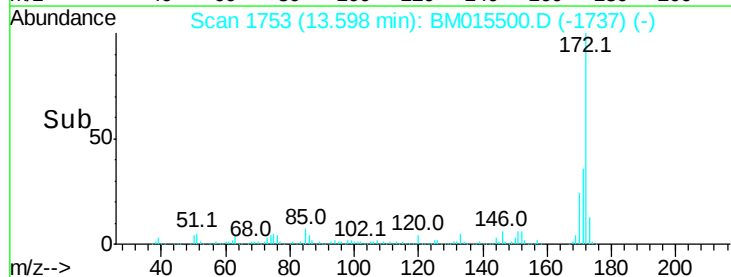
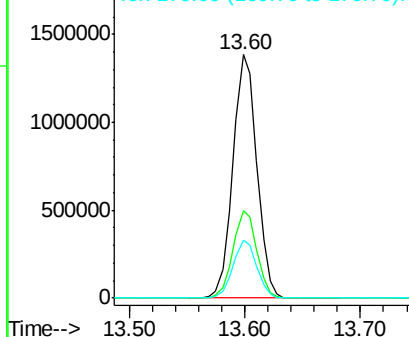


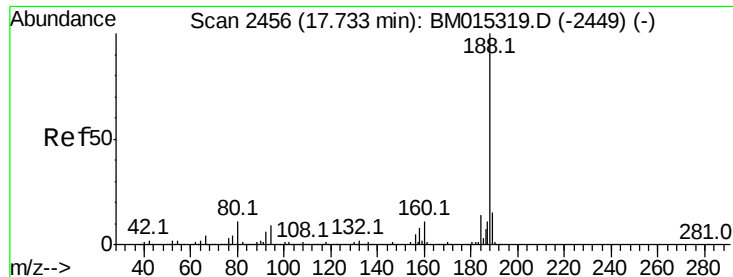
#44
 2-Fluorobiphenyl
 Concen: 107.053 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.6	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: BM015500.D

Acq: 06 Jun 2018 21:48

Instrument :

BNA_M

ClientSampleId :

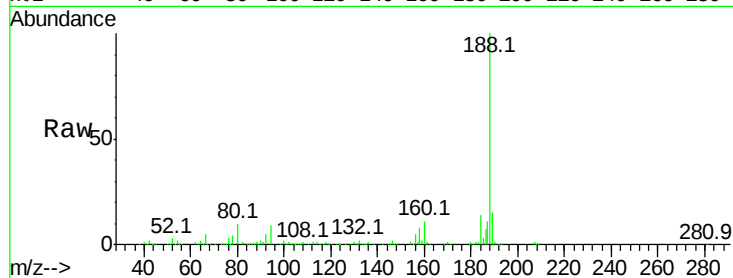
Tot Ion:188 Resp: 536199

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

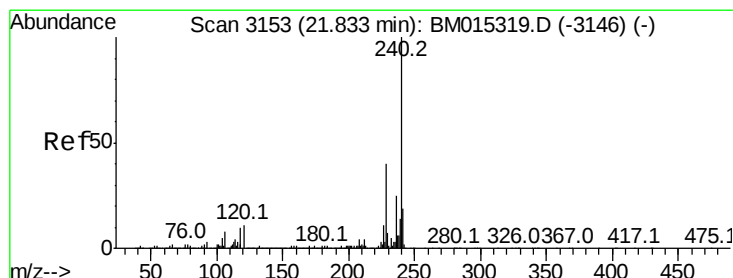
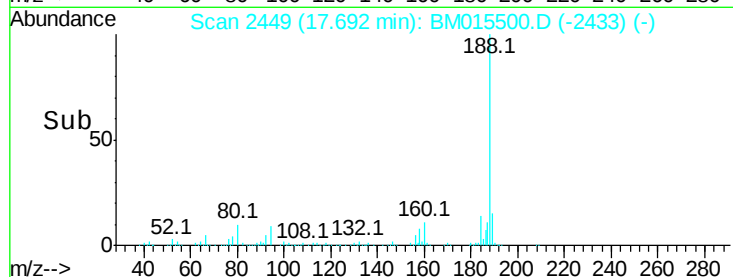
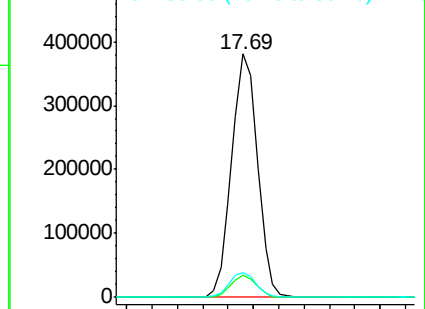
80 10.2 9.3 13.9



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: BM015500.D

Acq: 06 Jun 2018 21:48

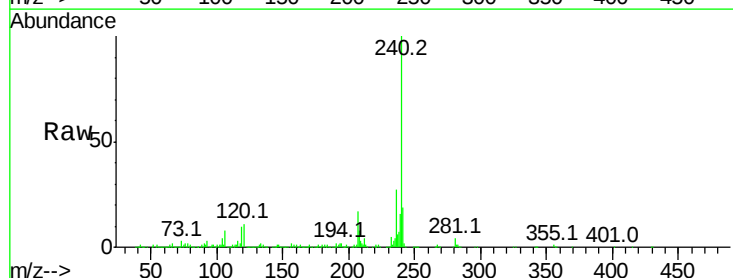
Tgt Ion:240 Resp: 546865

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

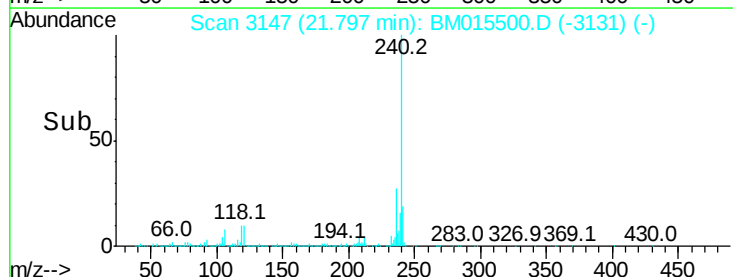
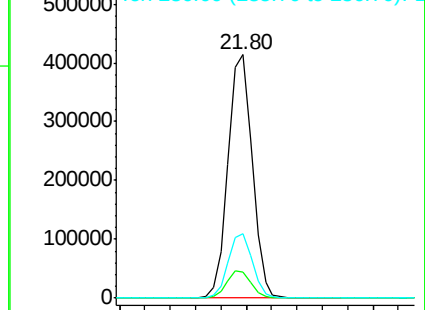
236 26.6 20.0 30.0

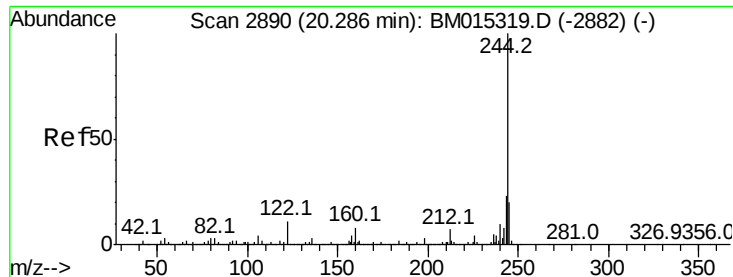


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 127.030 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

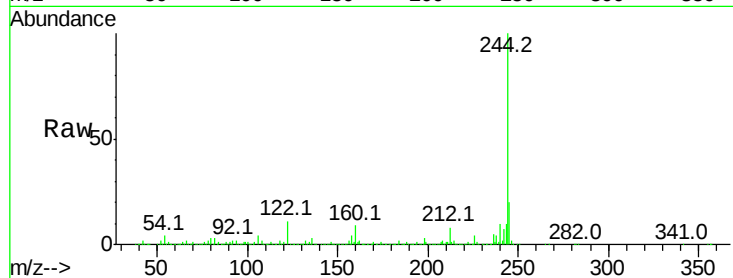
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3009662

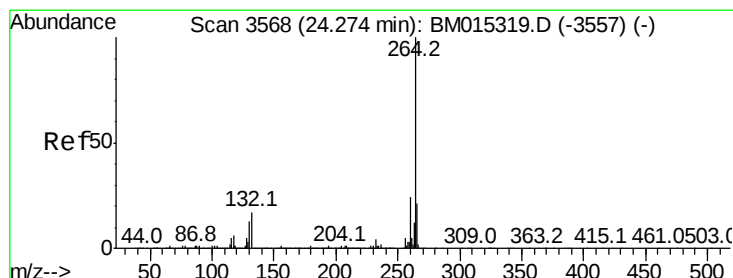
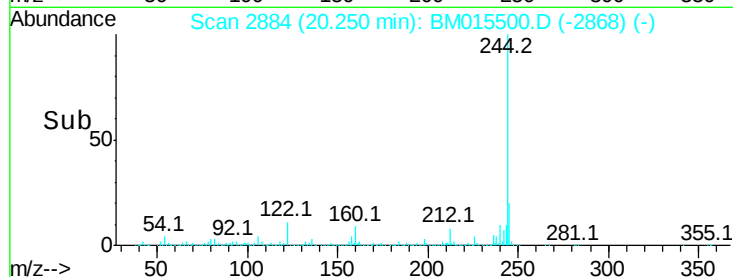
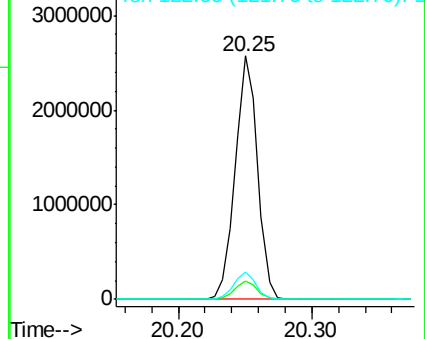
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	11.5	6.2	9.4#



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: 24.21 min Scan# 3558

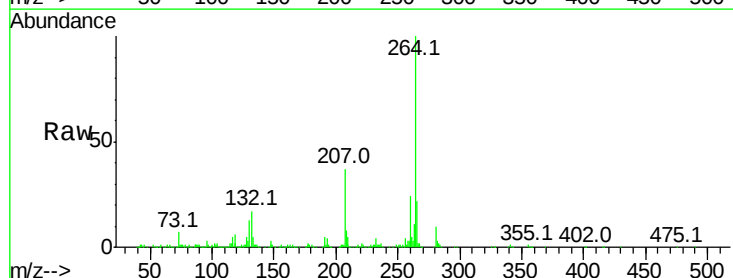
Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Tgt Ion:264 Resp: 569269

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.6	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

