

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015517.D
 Acq On : 07 Jun 2018 08:58
 Operator : SJ/JU
 Sample : PB109980BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 12:15:31 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	8.35	152	156217	20.00	ng	0.00
21) Naphthalene-d8	11.18	136	579533	20.00	ng	-0.01
38) Acenaphthene-d10	14.97	164	293608	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	599386	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	559489	20.00	ng	-0.01
86) Perylene-d12	24.21	264	575325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1351116	147.12	ng	0.00
7) Phenol-d6	7.50	99	1742091	125.50	ng	0.00
23) Nitrobenzene-d5	9.54	82	1102232	103.45	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	528525	125.26	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2241619	102.51	ng	0.00
78) Terphenyl-d14	20.24	244	2940775	121.32	ng	-0.01

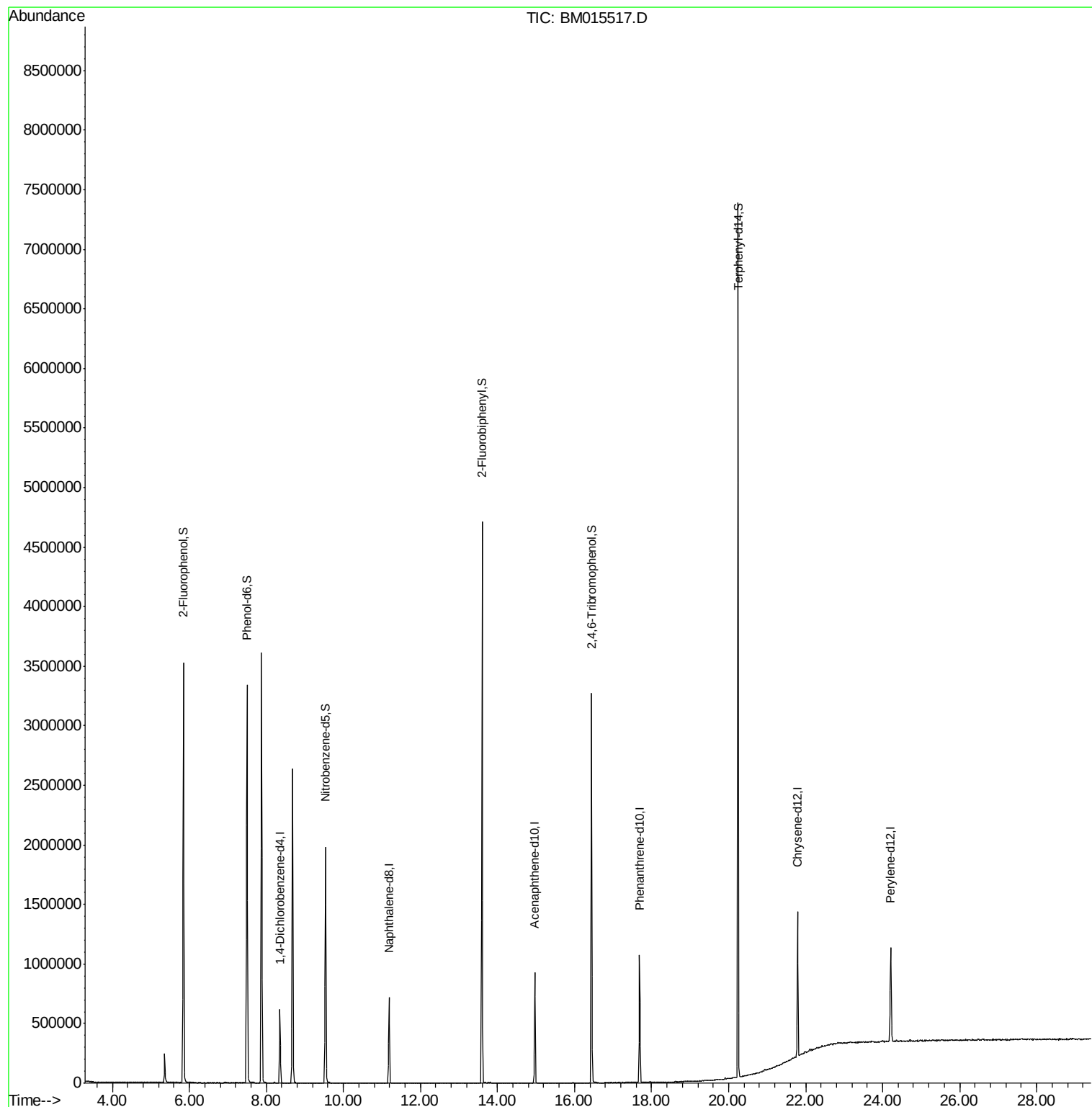
Target Compounds Qvalue

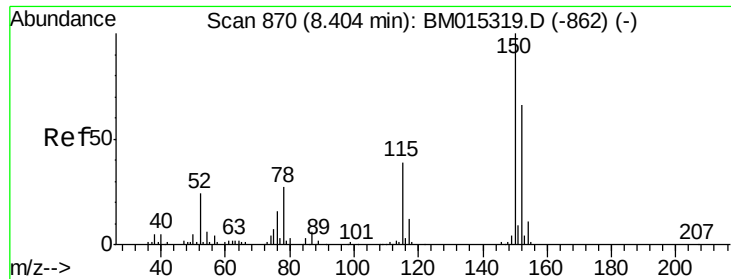
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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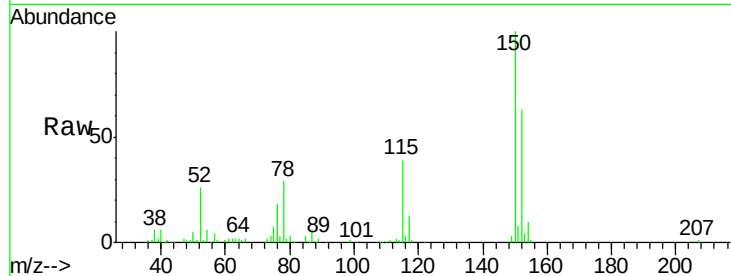


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015517.D
Acq: 07 Jun 2018 08:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	156217
Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	61.9	43.0	64.4

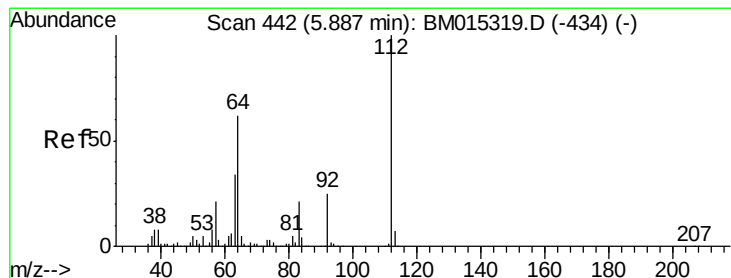
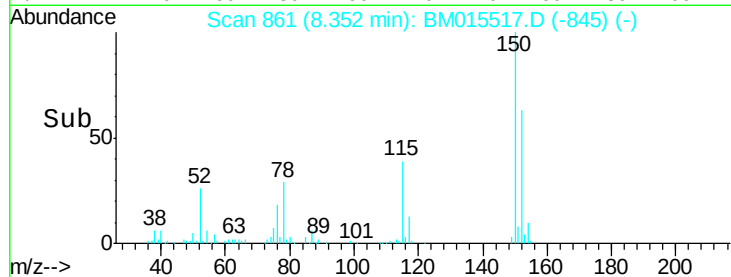
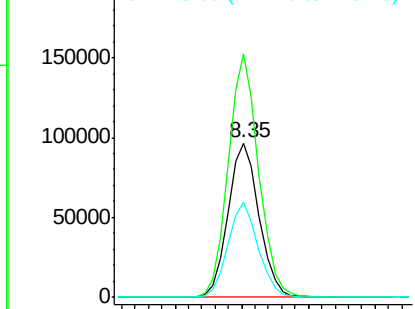


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

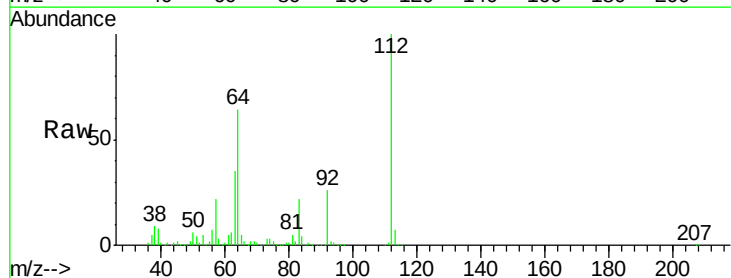
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.120 ng
RT: 5.85 min Scan# 435
Delta R.T. -0.01 min
Lab File: BM015517.D
Acq: 07 Jun 2018 08:58

Tgt Ion	112	Resp	1351116
Ion	Ratio	Lower	Upper
112	100		
64	63.8	38.6	57.8#
63	35.4	19.3	28.9#

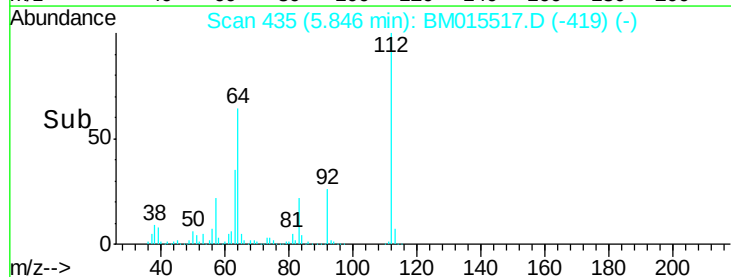
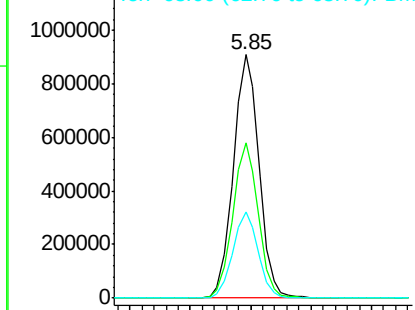


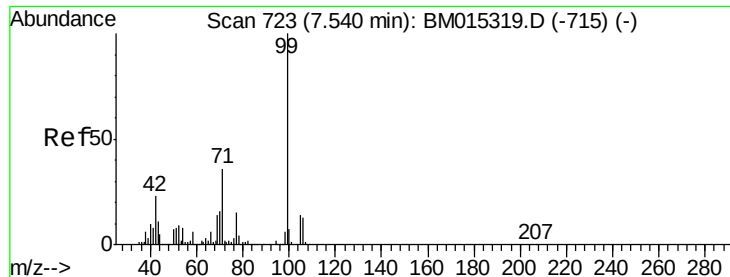
Abundance

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: 125.504 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

Instrument :

BNA_M

ClientSampled :

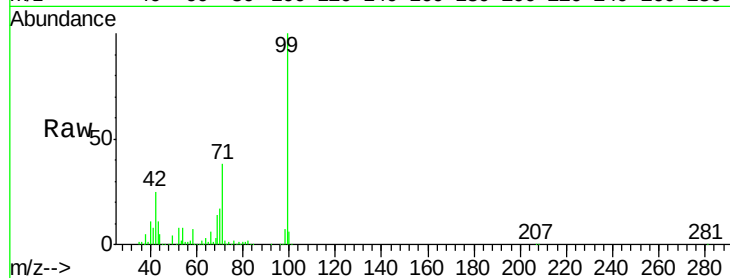
Tot Ion: 99 Resp: 1742091

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

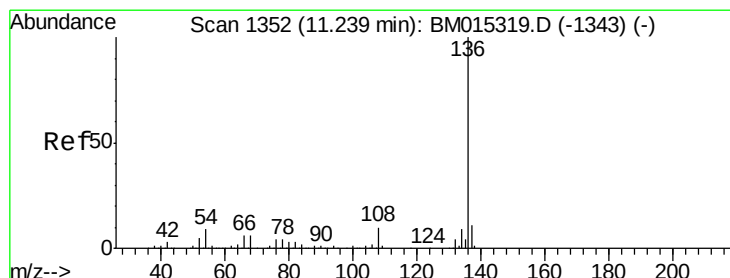
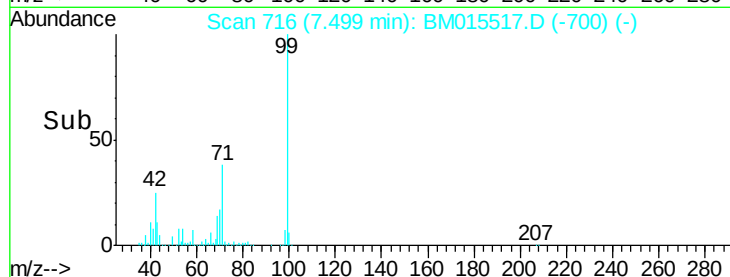
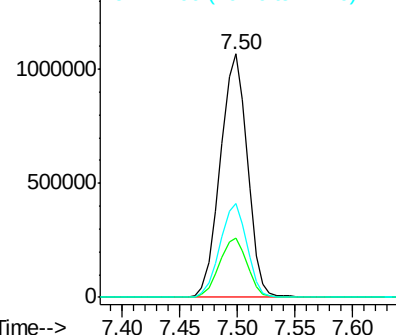
71 38.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015517.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015517.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015517.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

Tgt Ion: 136 Resp: 579533

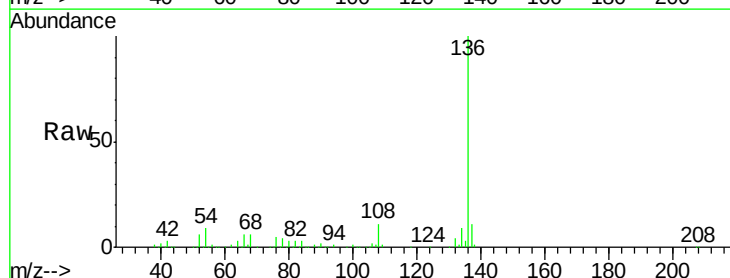
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.2 4.6 6.8#

68 5.9 3.7 5.5#

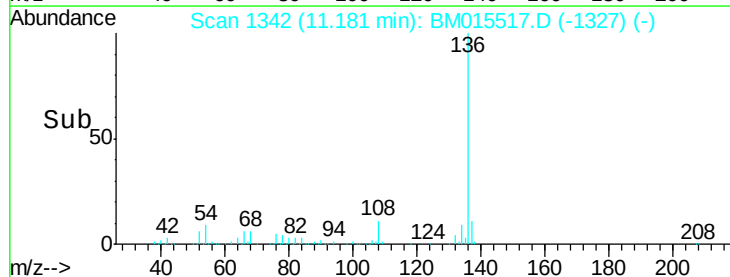
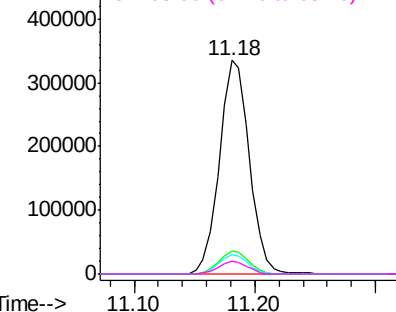


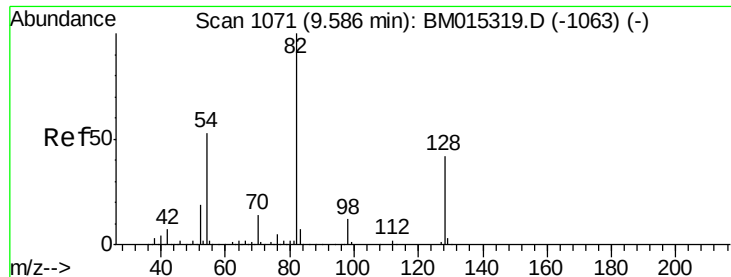
Abundance Ion 136.00 (135.70 to 136.70): BM015517.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015517.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015517.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015517.D (-1327) (-)



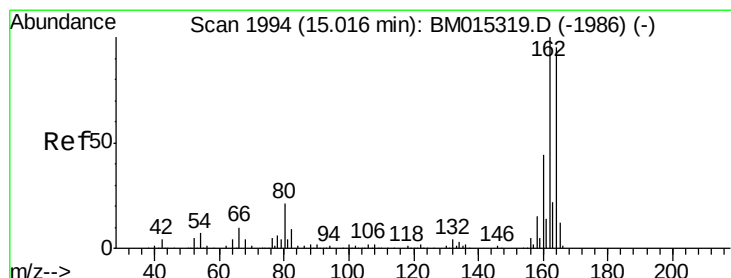
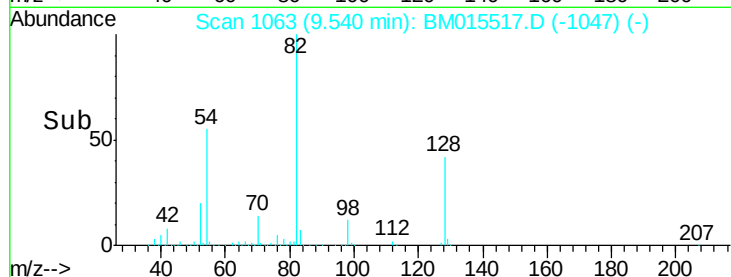
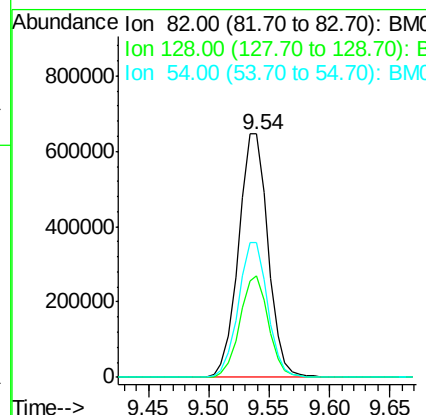
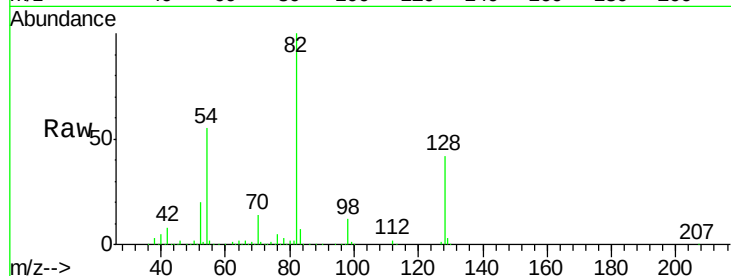


#23
 Nitrobenzene-d5
 Concen: 103.452 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015517.D
 Acq: 07 Jun 2018 08:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1102232

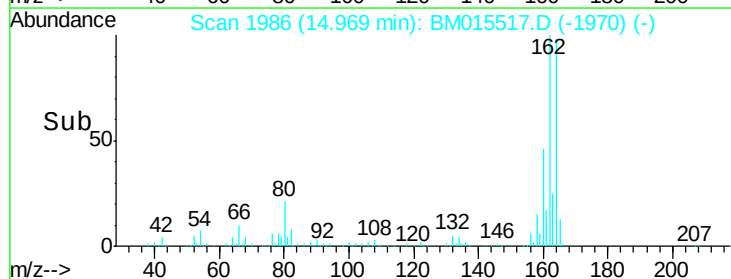
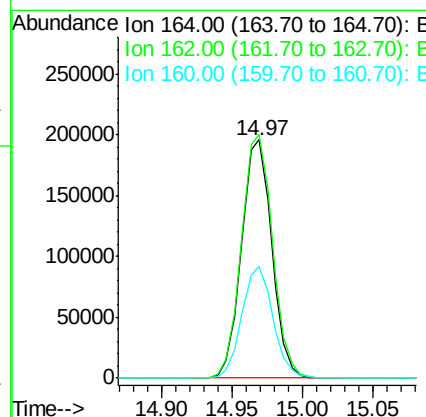
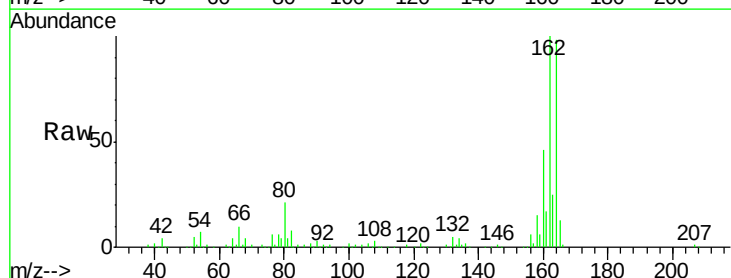
Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	55.4	40.6	60.8

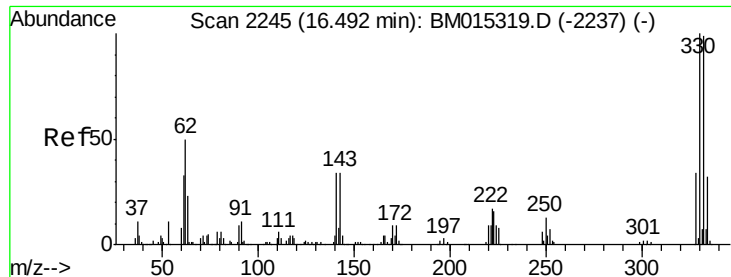


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM015517.D
 Acq: 07 Jun 2018 08:58

Tgt Ion:164 Resp: 293608

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	46.7	35.8	53.6

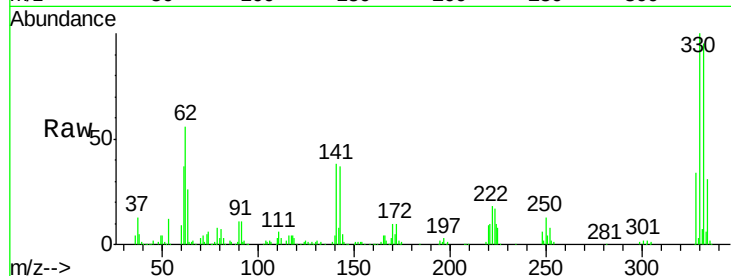




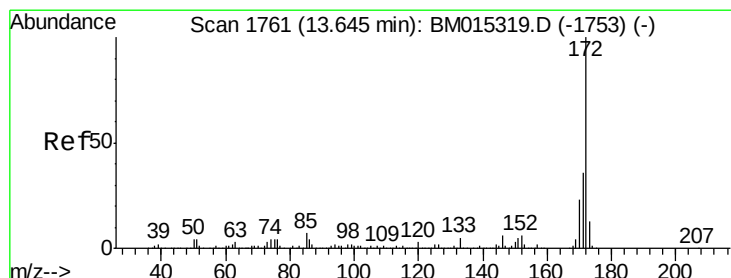
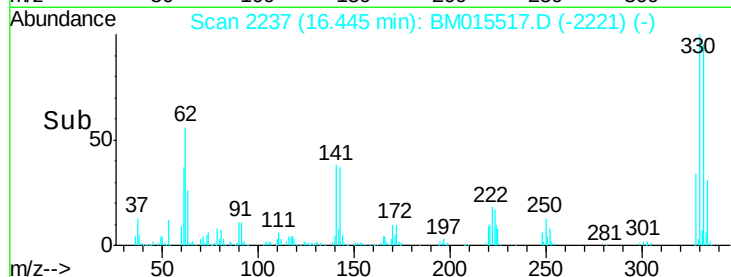
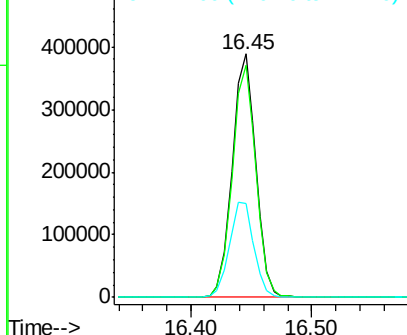
#41
 2,4,6-Tribromophenol
 Concen: 125.262 ng
 RT: 16.45 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015517.D
 Acq: 07 Jun 2018 08:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	40.5	0.0	0.0#

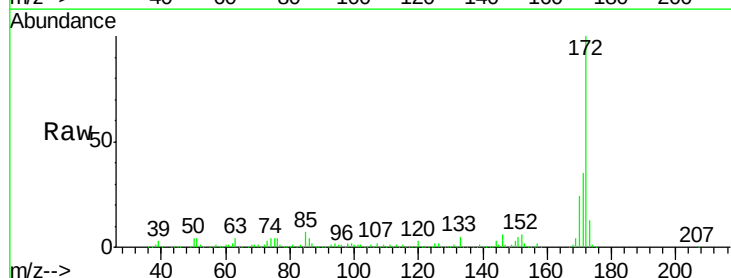


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

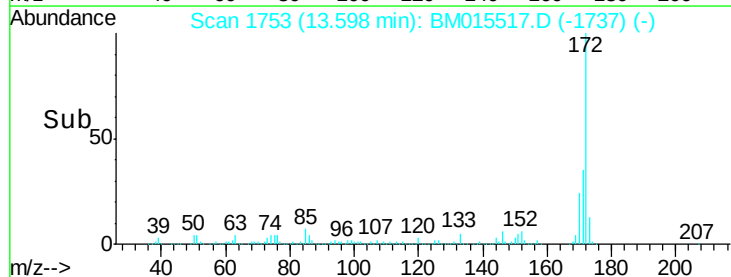
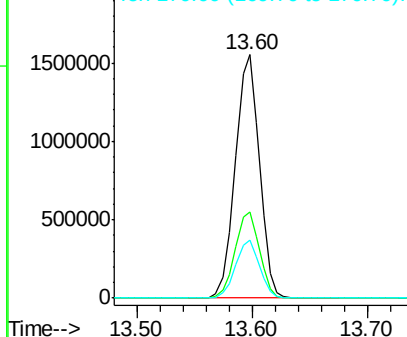


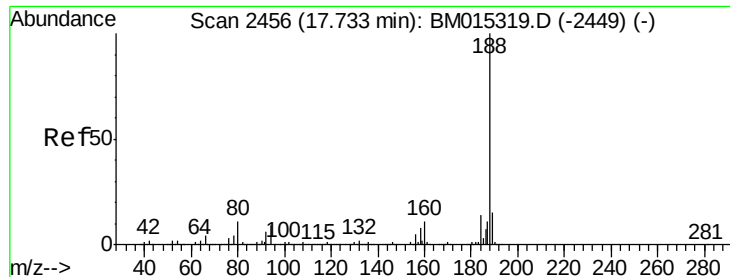
#44
 2-Fluorobiphenyl
 Concen: 102.509 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015517.D
 Acq: 07 Jun 2018 08:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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# 2448

Delta R.T. -0.01 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

Instrument :

BNA_M

ClientSampleId :

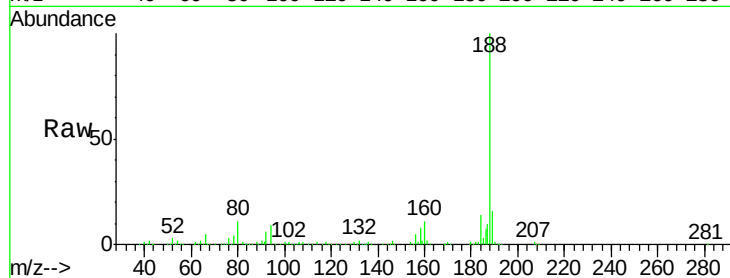
Tot Ion:188 Resp: 599386

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

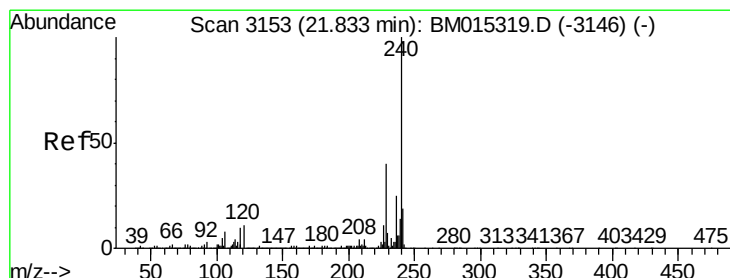
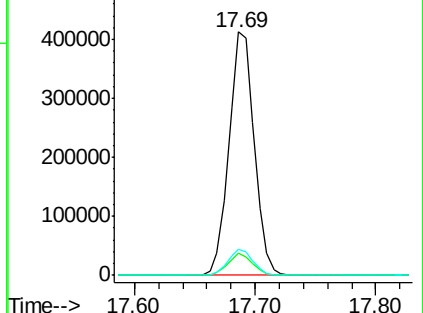
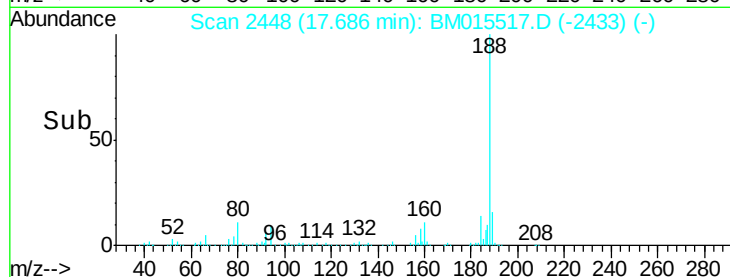
80 10.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM015517.D (-2433) (-)

Ion 80.00 (79.70 to 80.70): BM015517.D (-2433) (-)



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

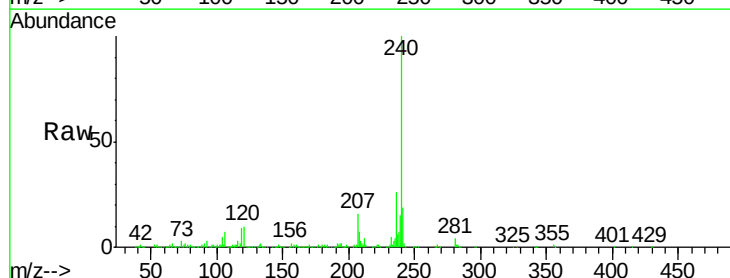
Tgt Ion:240 Resp: 559489

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

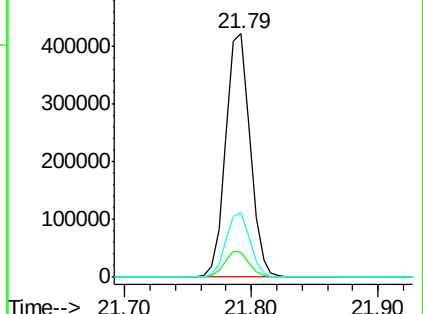
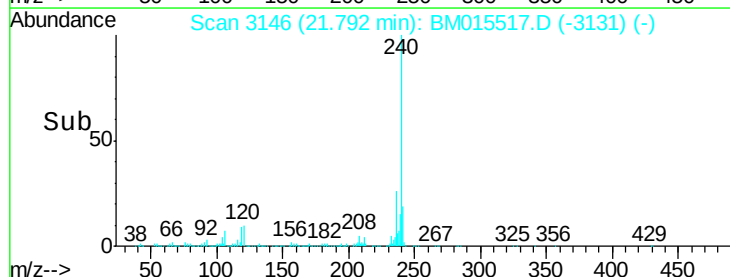
236 26.4 20.0 30.0

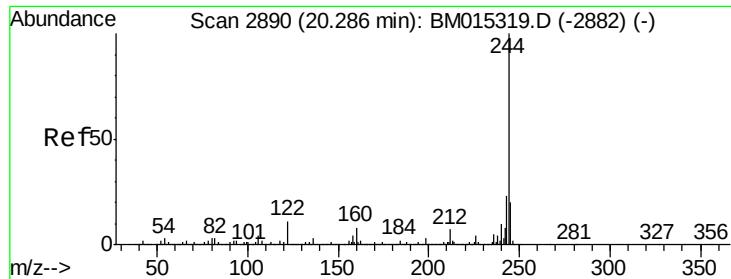


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 121.322 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

Instrument :

BNA_M

ClientSampleId :

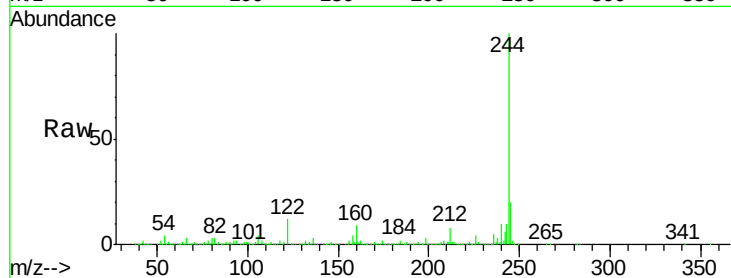
Tot Ion:244 Resp: 2940775

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

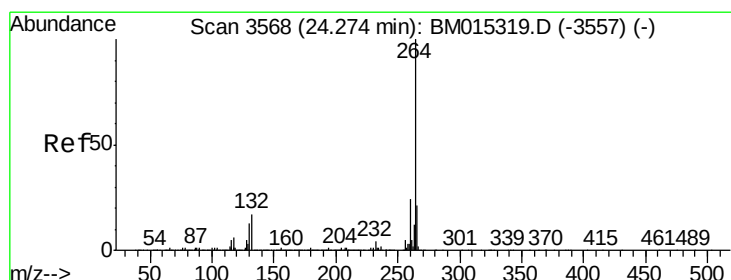
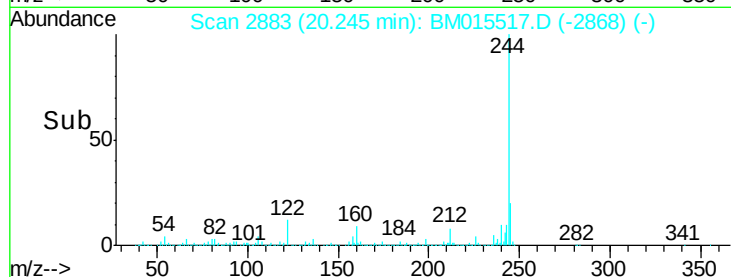
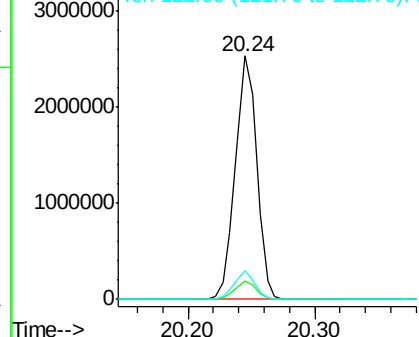
122 11.6 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.21 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BM015517.D

Acq: 07 Jun 2018 08:58

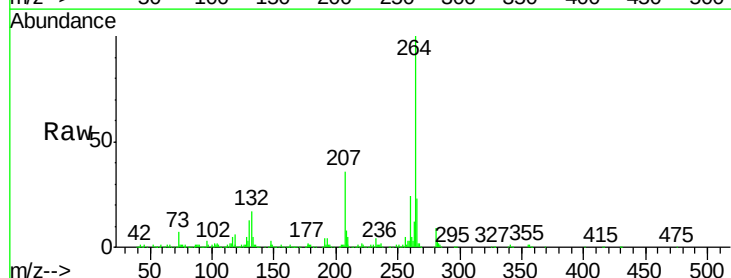
Tgt Ion:264 Resp: 575325

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 23.4 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

