

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015519.D
 Acq On : 07 Jun 2018 10:11
 Operator : SJ/JU
 Sample : J3321-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 12:15:43 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	123113	20.00	ng	0.00
21) Naphthalene-d8	11.18	136	463429	20.00	ng	-0.01
38) Acenaphthene-d10	14.97	164	231761	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	521068	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	523622	20.00	ng	-0.01
86) Perylene-d12	24.21	264	543002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	288012	39.79	ng	0.00
7) Phenol-d6	7.49	99	232160	21.22	ng	-0.01
23) Nitrobenzene-d5	9.54	82	956970	112.32	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	313139	94.02	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1981399	114.79	ng	0.00
78) Terphenyl-d14	20.24	244	2559663	112.83	ng	-0.01

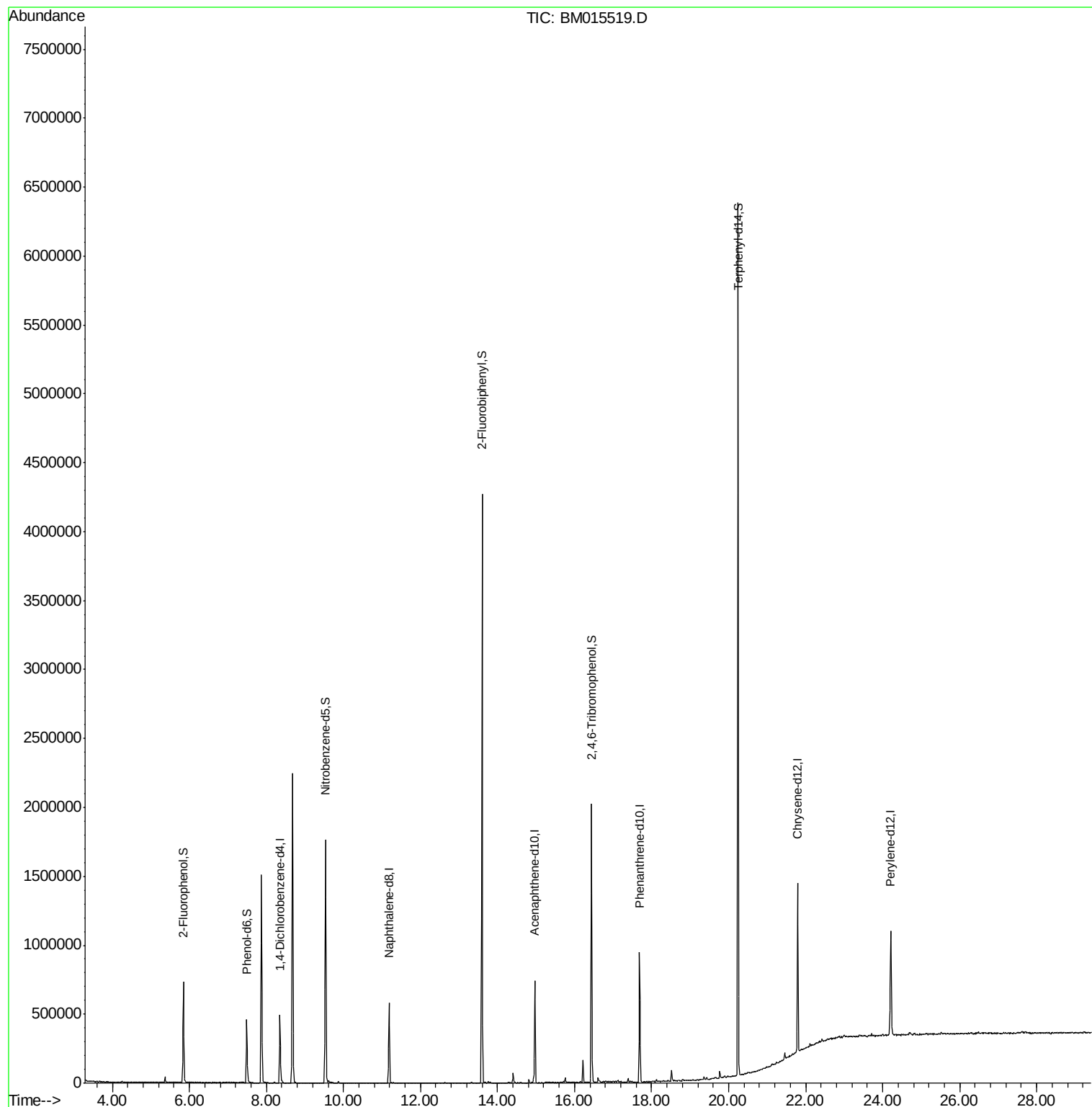
Target Compounds Qvalue

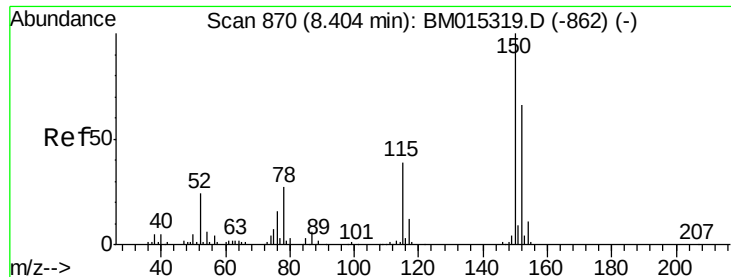
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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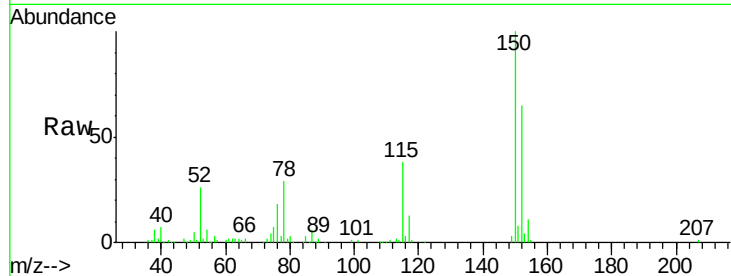


#1

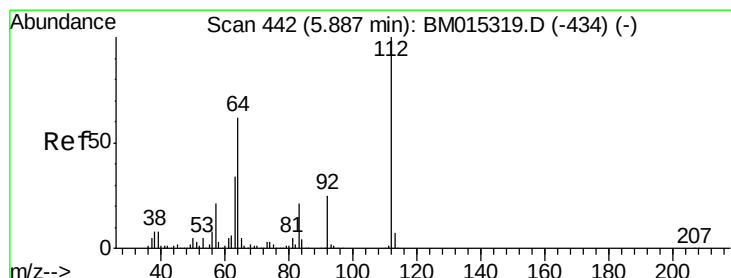
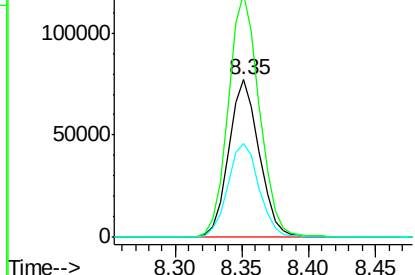
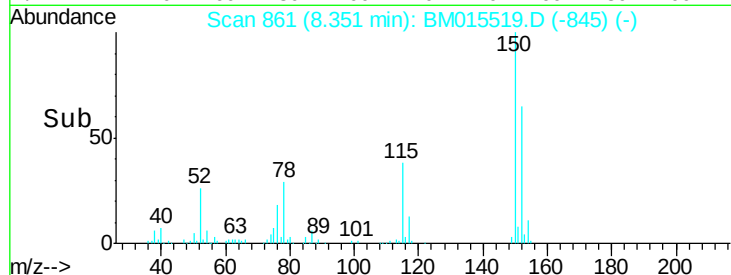
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015519.D
Acq: 07 Jun 2018 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	123113
Ion Ratio	Lower	Upper	
152	100		
150	154.8	119.5	179.3
115	59.3	43.0	64.4



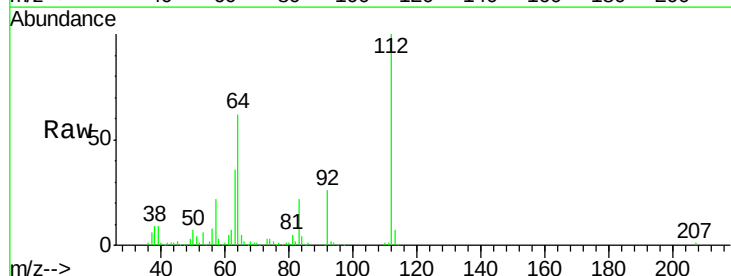
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



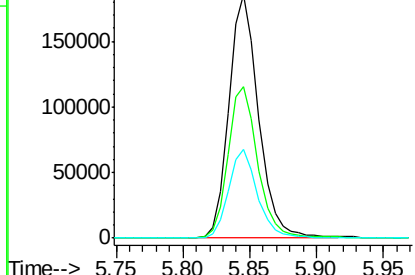
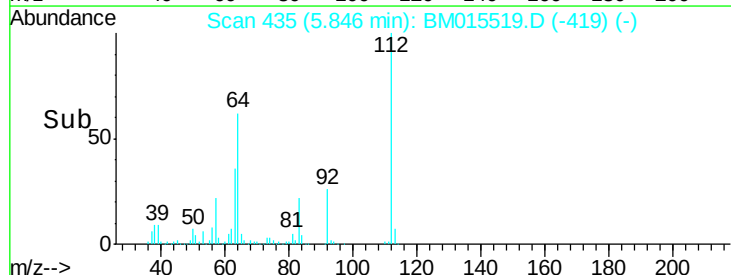
#5

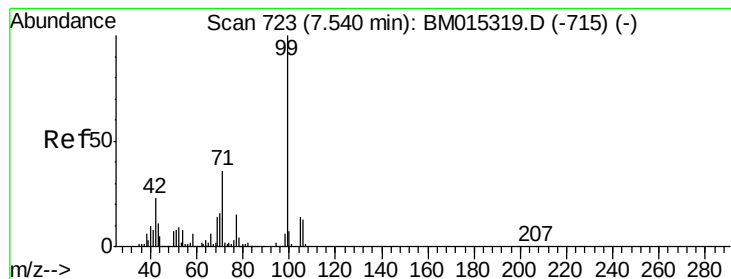
2-Fluorophenol
Concen: 39.794 ng
RT: 5.85 min Scan# 435
Delta R.T. -0.01 min
Lab File: BM015519.D
Acq: 07 Jun 2018 10:11

Tgt Ion	112	Resp	288012
Ion Ratio	Lower	Upper	
112	100		
64	62.1	38.6	57.8#
63	36.5	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: 21.223 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM015519.D

Acq: 07 Jun 2018 10:11

Instrument :

BNA_M

ClientSampleId :

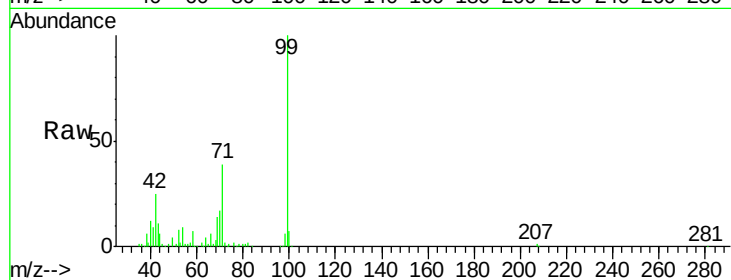
Tot Ion: 99 Resp: 232160

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

71 39.1 23.4 35.2#

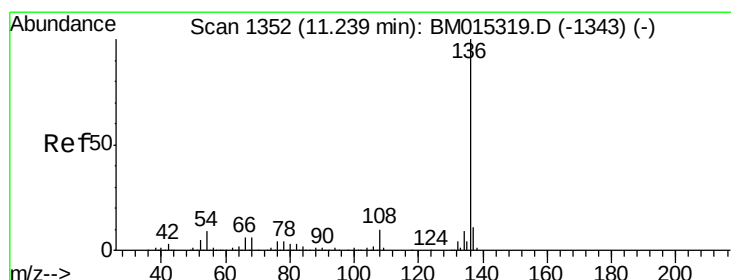
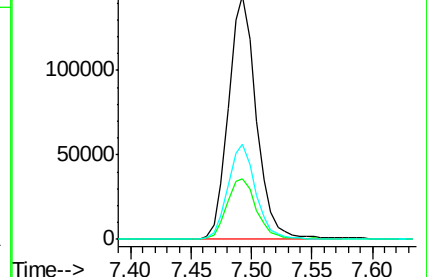
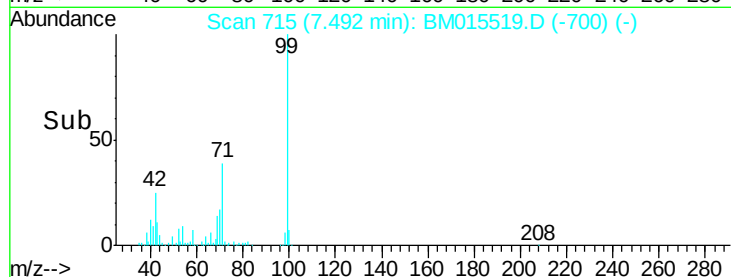


Abundance Ion 99.00 (98.70 to 99.70): BM015519.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015519.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015519.D (-715) (-)

7.49



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015519.D

Acq: 07 Jun 2018 10:11

Tgt Ion: 136 Resp: 463429

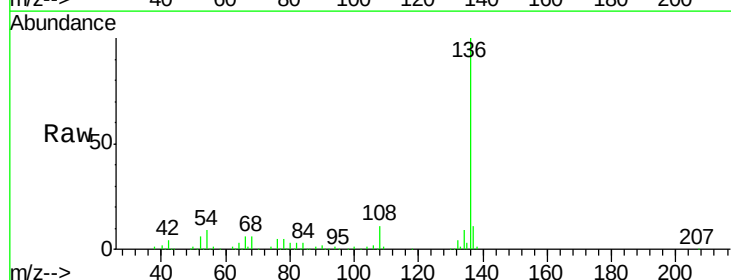
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 4.6 6.8#

68 5.8 3.7 5.5#



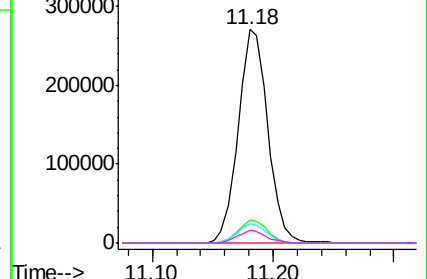
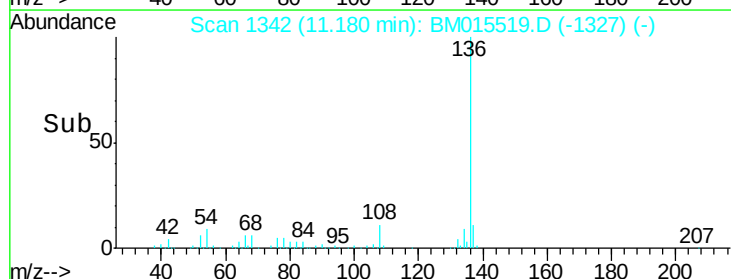
Abundance Ion 136.00 (135.70 to 136.70): BM015519.D (-1343) (-)

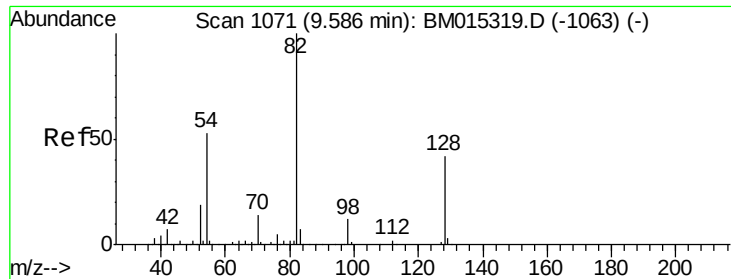
Ion 137.00 (136.70 to 137.70): BM015519.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015519.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015519.D (-1343) (-)

11.18

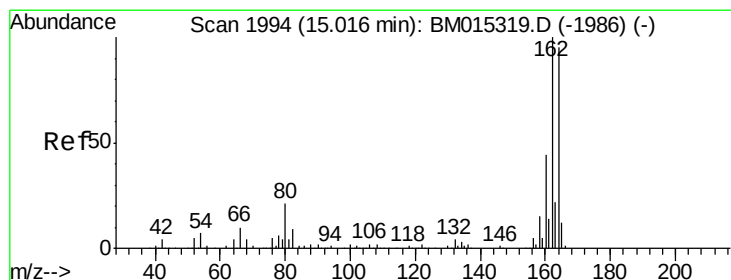
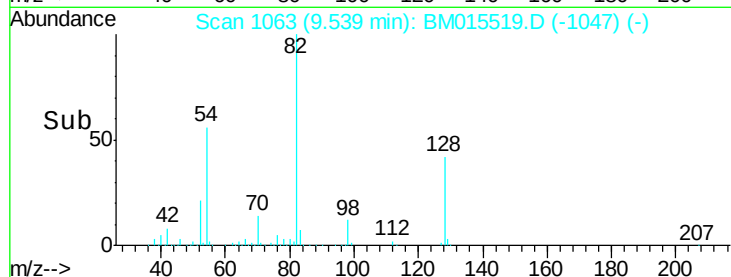
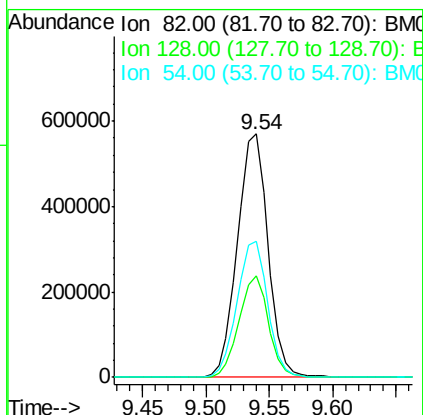
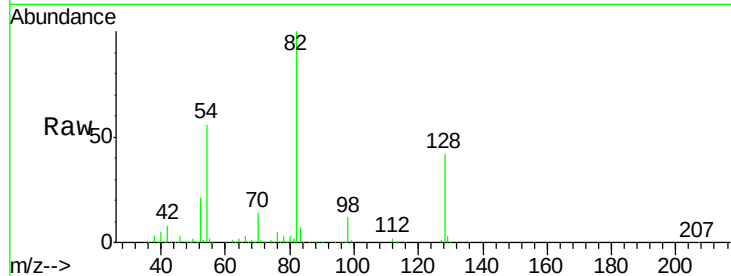




#23
 Nitrobenzene-d5
 Concen: 112.321 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

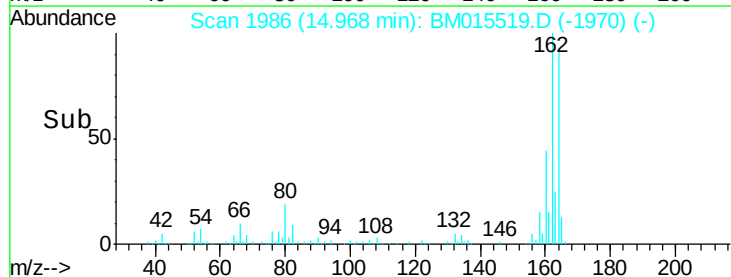
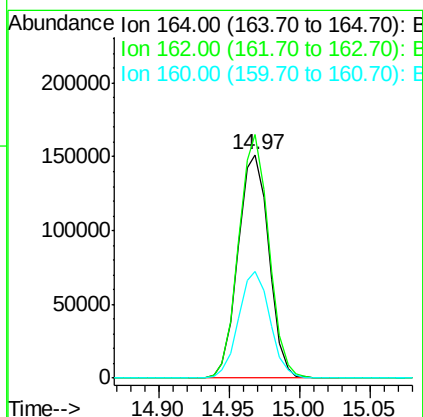
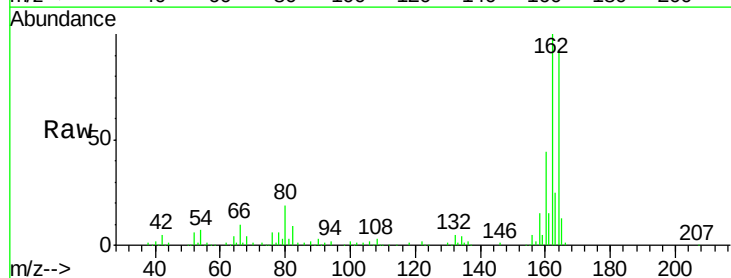
Instrument :
 BNA_M
 ClientSampleId :

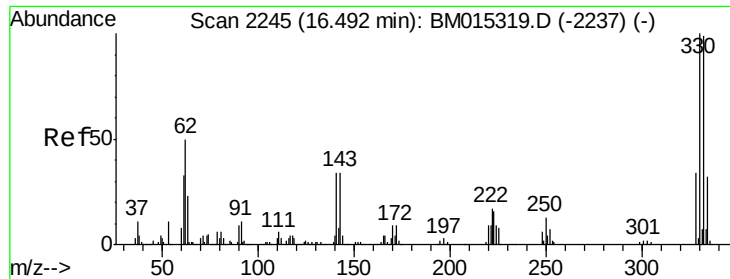
Tot Ion	82	Resp	956970
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.8	49.2
54	56.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

Tgt Ion	164	Resp	231761
Ion Ratio	Lower	Upper	
164	100		
162	109.1	82.4	123.6
160	47.8	35.8	53.6

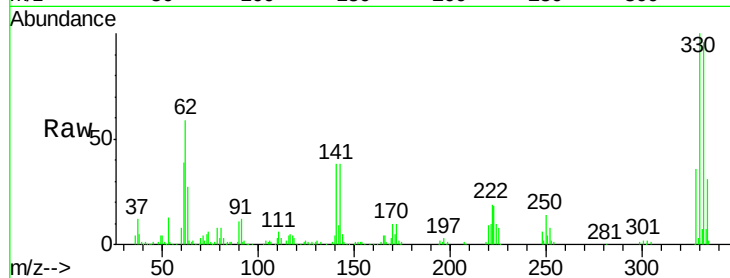




#41
 2,4,6-Tribromophenol
 Concen: 94.019 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	42.0	0.0	0.0#

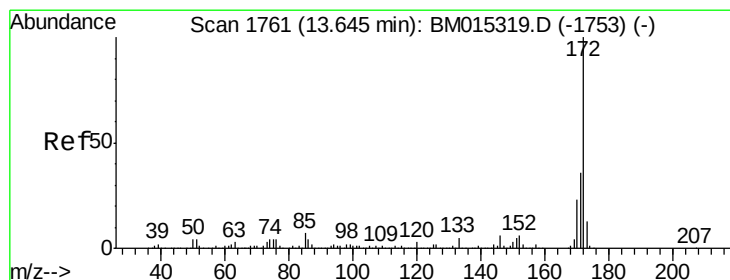
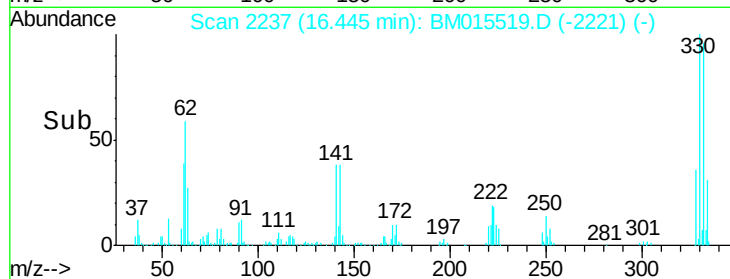
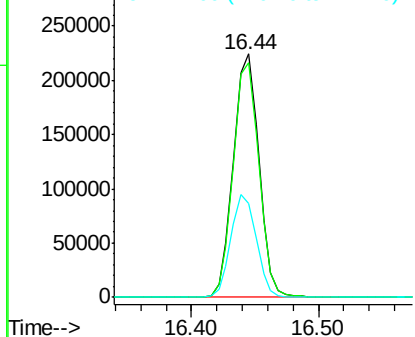


Abundance

Ion 329.80 (329.50 to 330.50): E

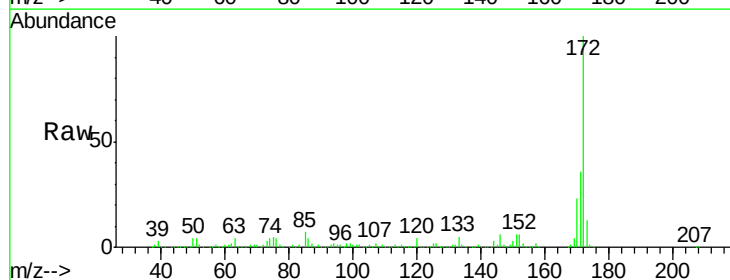
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 114.789 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2

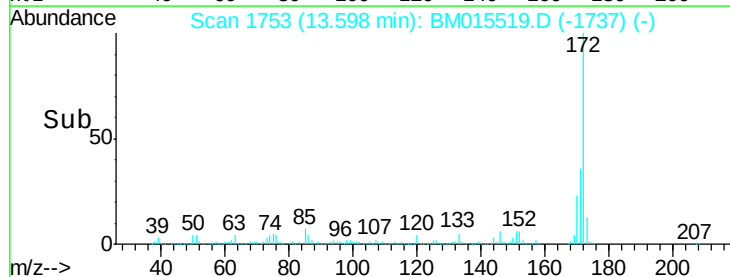
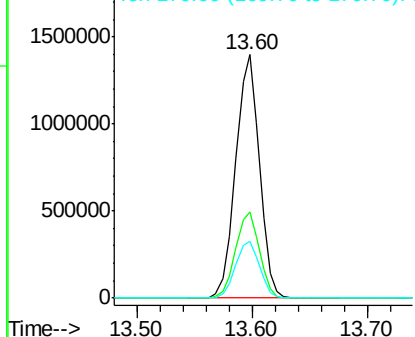


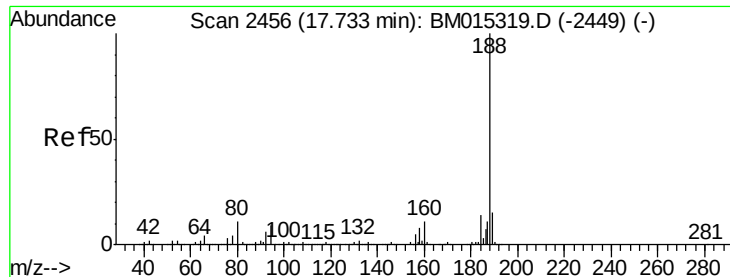
Abundance

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

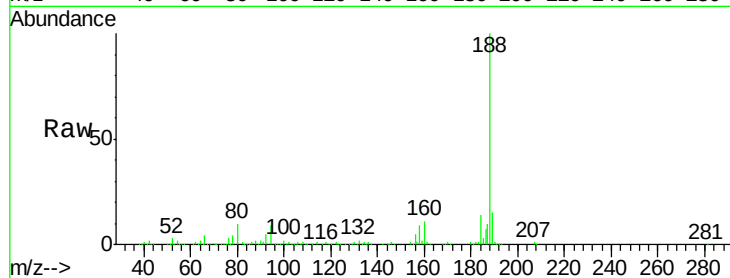




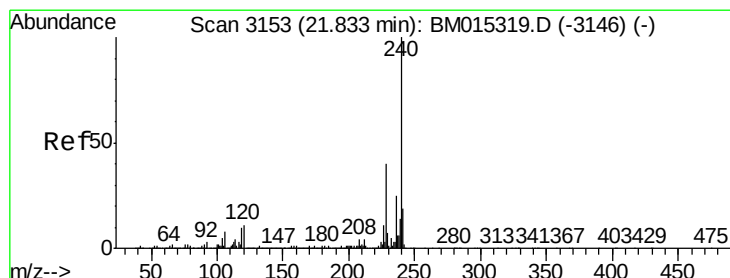
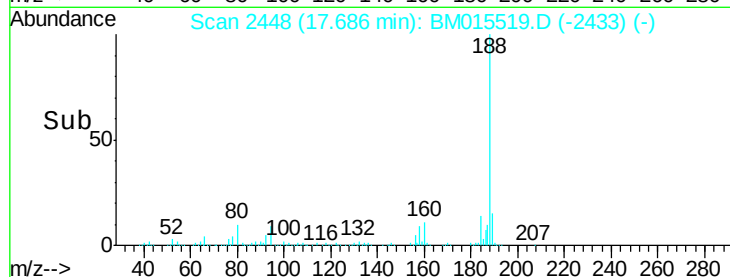
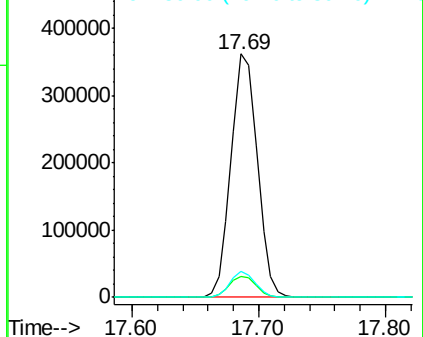
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM015519.D
Acq: 07 Jun 2018 10:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 521068
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 10.5 9.3 13.9

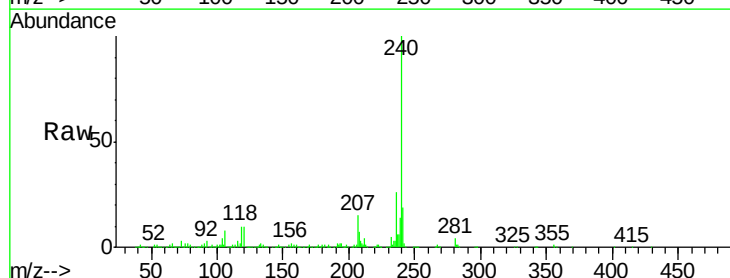


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

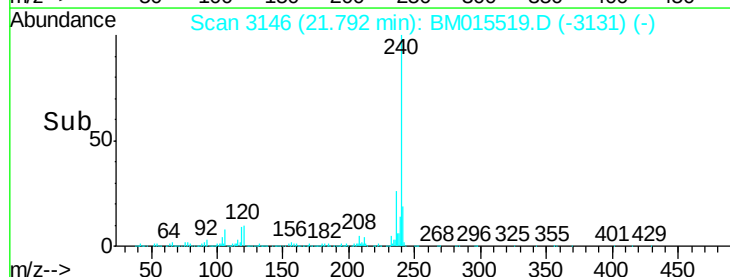
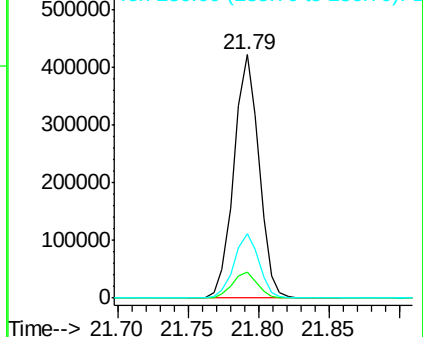


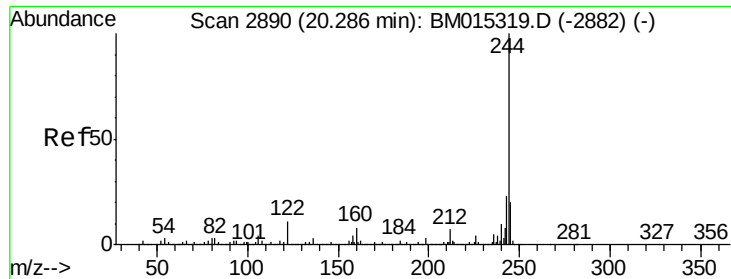
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015519.D
Acq: 07 Jun 2018 10:11

Tgt Ion:240 Resp: 523622
Ion Ratio Lower Upper
240 100
120 10.5 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

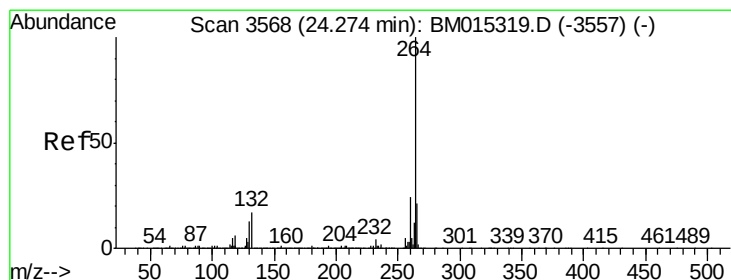
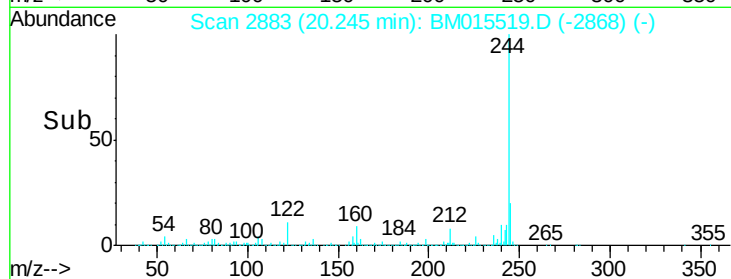
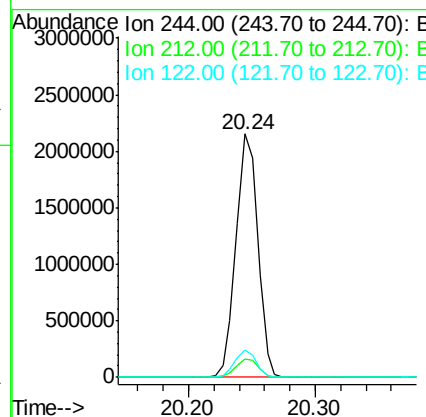
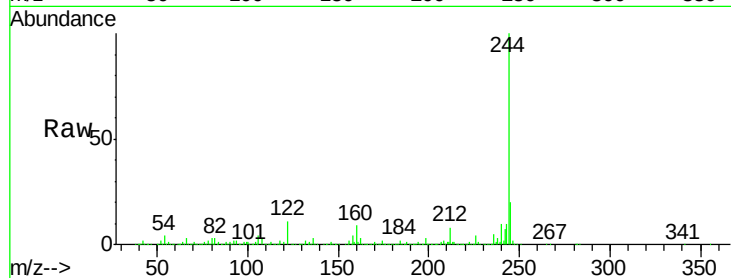




#78
 Terphenyl-d14
 Concen: 112.832 ng
 RT: 20.24 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2559663
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 11.3 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.21 min Scan# 3557
 Delta R.T. -0.02 min
 Lab File: BM015519.D
 Acq: 07 Jun 2018 10:11

Tgt Ion:264 Resp: 543002
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 22.6 17.3 25.9

