

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015903.D
 Acq On : 12 Jul 2018 07:51
 Operator : SJ/JU
 Sample : J3824-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 08:45:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	72872	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	283851	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	143805	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	290968	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	245190	20.00	ng	-0.02
86) Perylene-d12	24.14	264	260155	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	716640	168.65	ng	-0.02
7) Phenol-d6	7.45	99	805115	138.40	ng	-0.02
23) Nitrobenzene-d5	9.48	82	699179	120.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	313341	166.76	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1344299	116.06	ng	-0.02
78) Terphenyl-d14	20.20	244	1754260	132.71	ng	-0.02

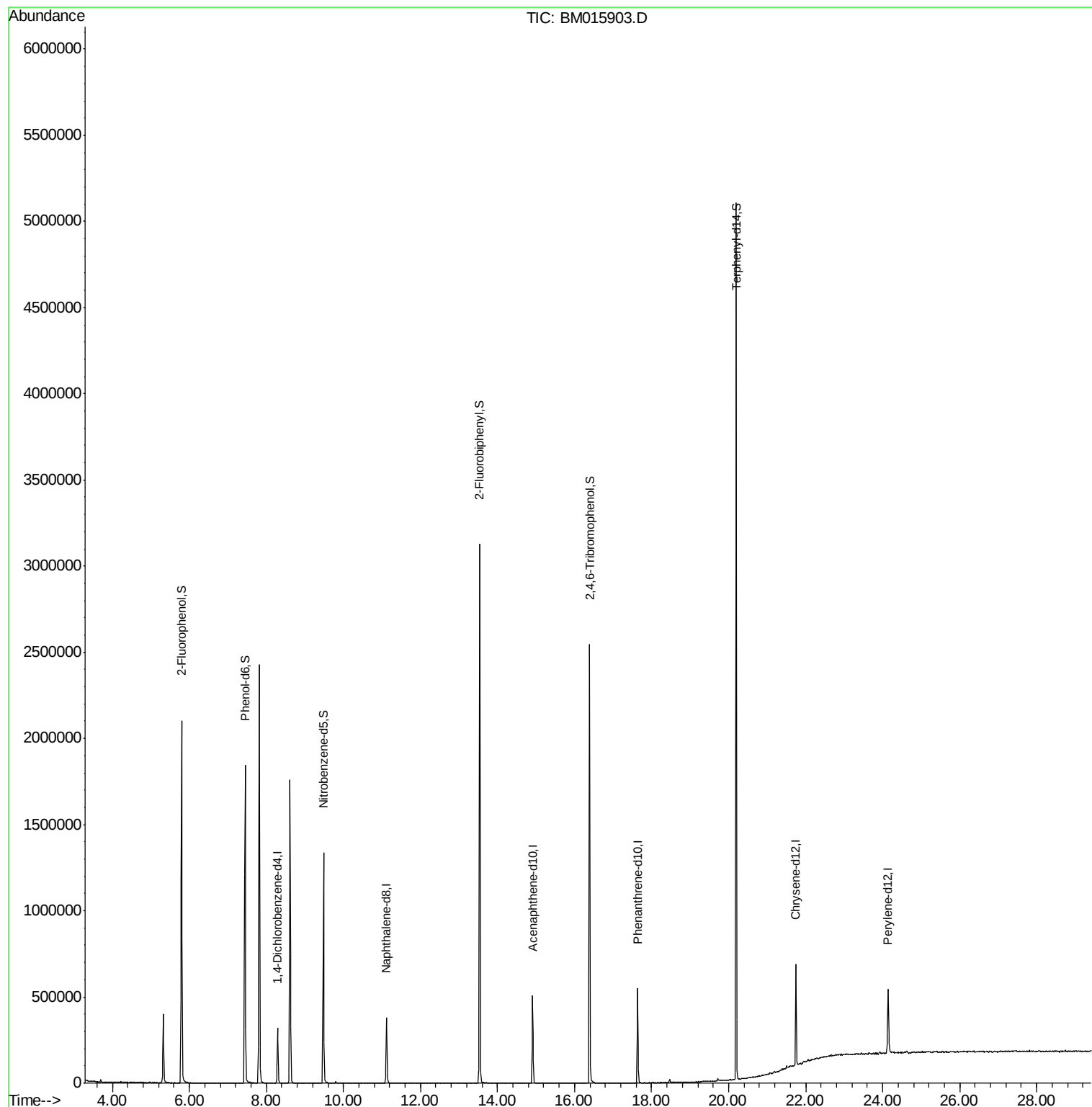
Target Compounds Qvalue

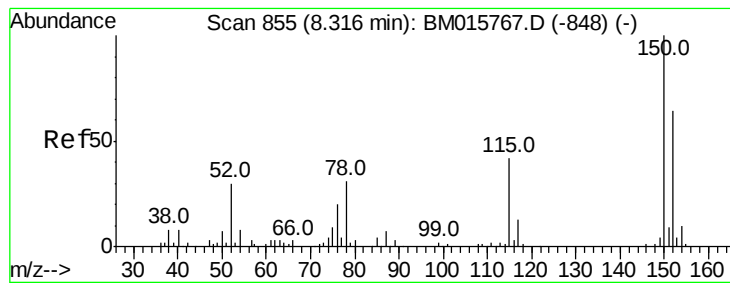
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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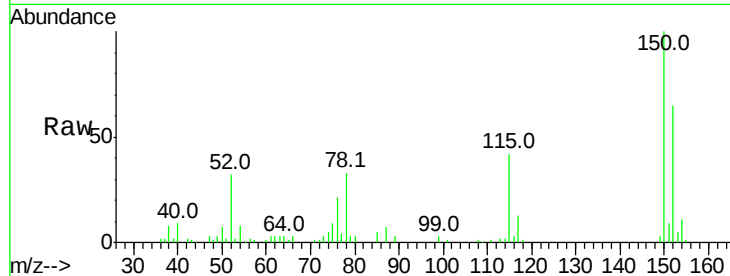


#1

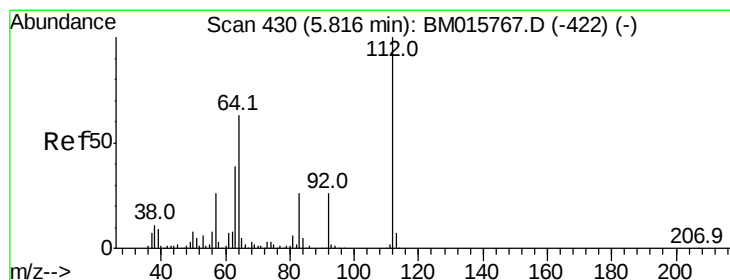
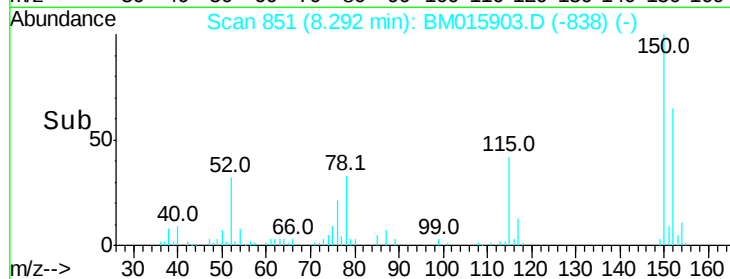
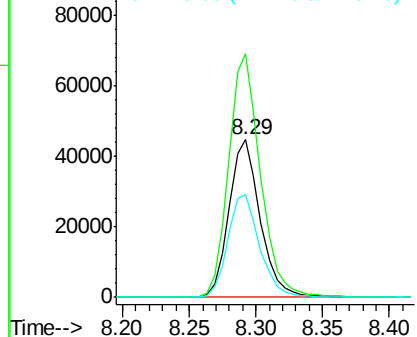
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 72872
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 65.0 43.0 64.4#



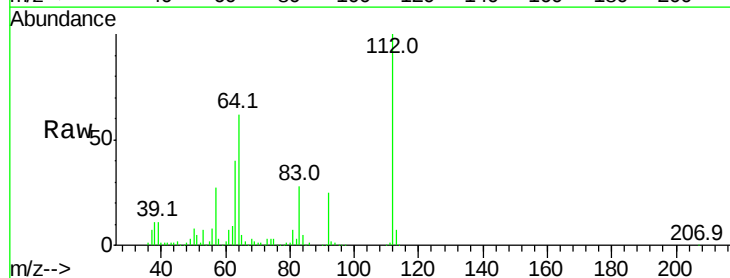
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



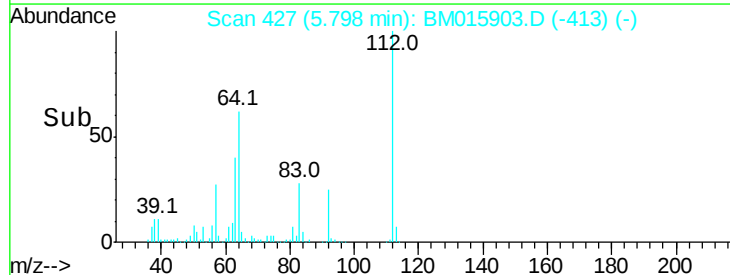
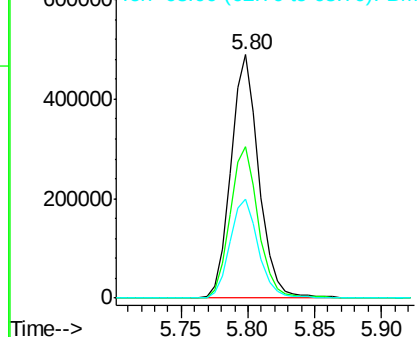
#5

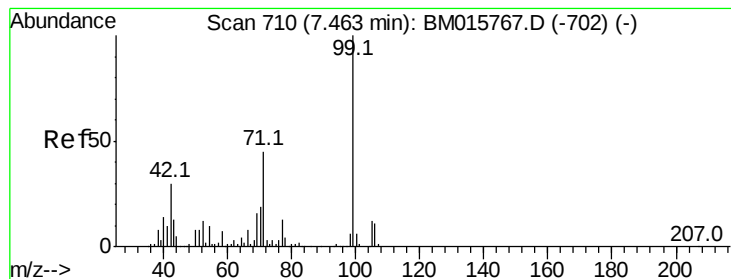
2-Fluorophenol
 Concen: Below ng
 RT: 5.80 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Tgt Ion:112 Resp: 716640
 Ion Ratio Lower Upper
 112 100
 64 62.4 38.6 57.8#
 63 40.5 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: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015903.D

Acq: 12 Jul 2018 07:51

Instrument :

BNA_M

ClientSampleId :

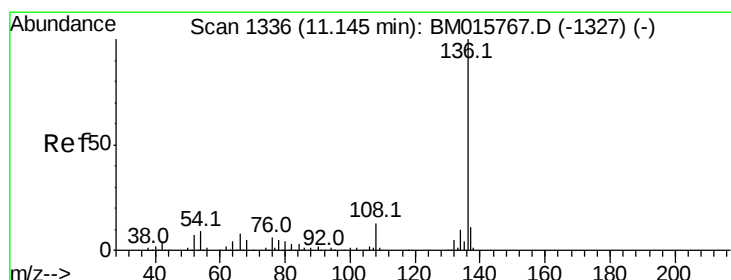
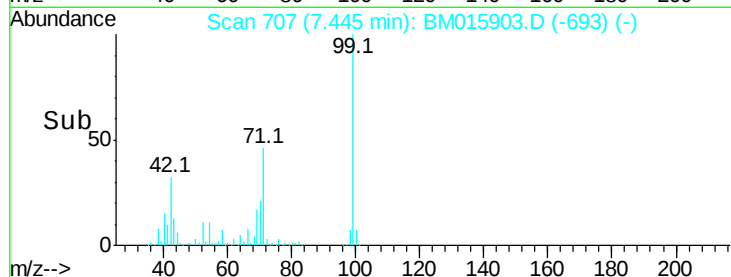
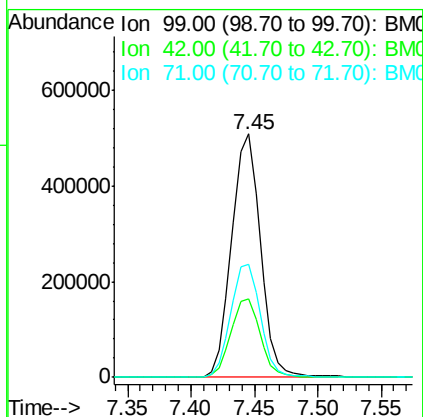
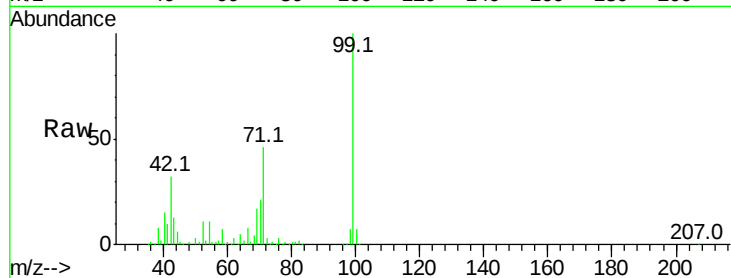
Tot Ion: 99 Resp: 805115

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

71 46.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015903.D

Acq: 12 Jul 2018 07:51

Tgt Ion: 136 Resp: 283851

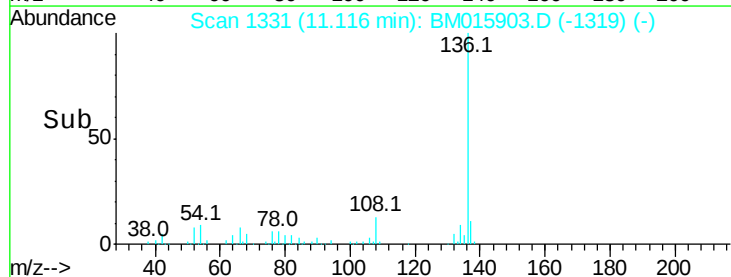
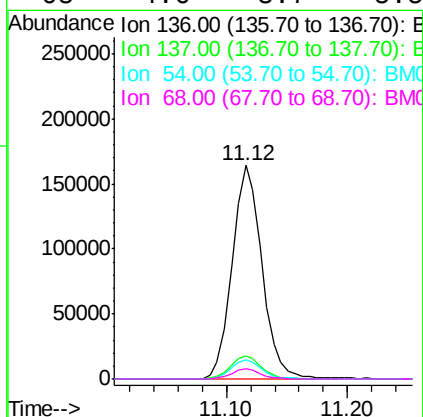
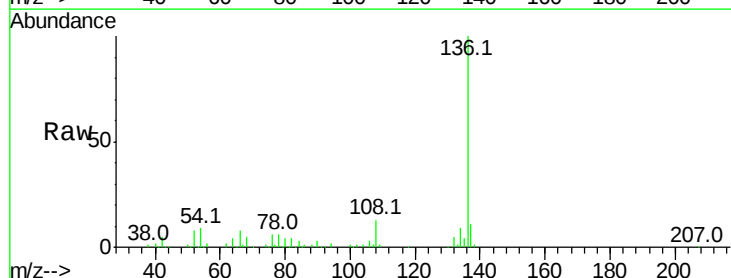
Ion Ratio Lower Upper

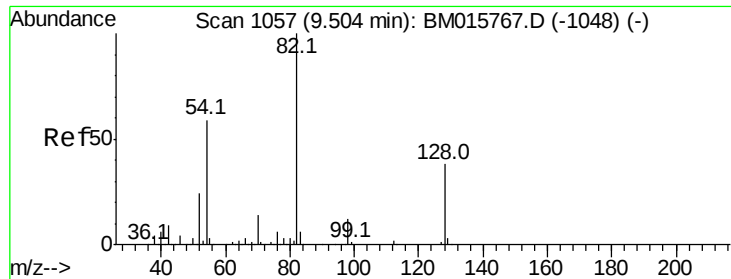
136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 4.6 3.7 5.5

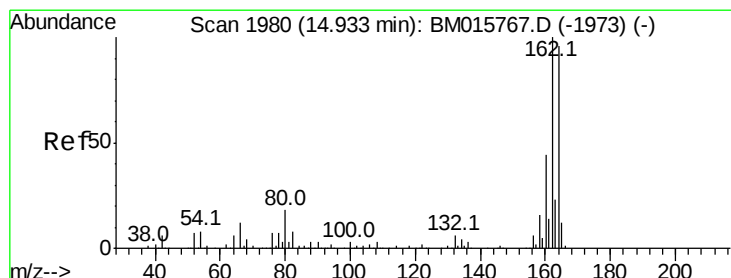
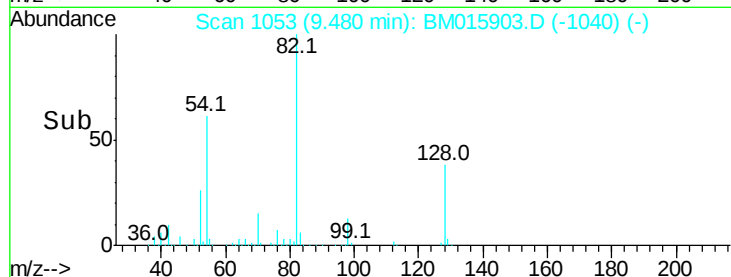
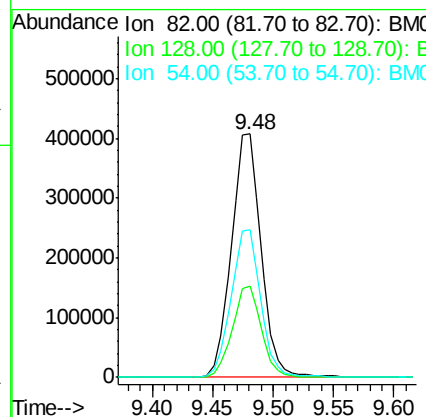
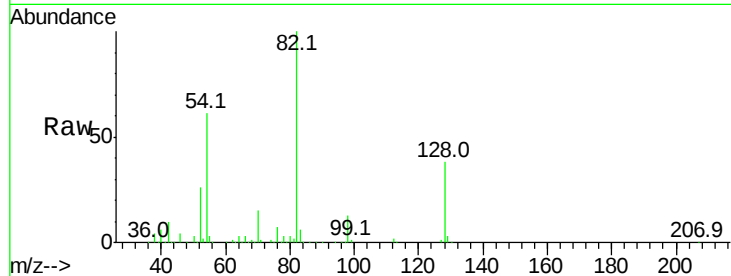




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.48 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

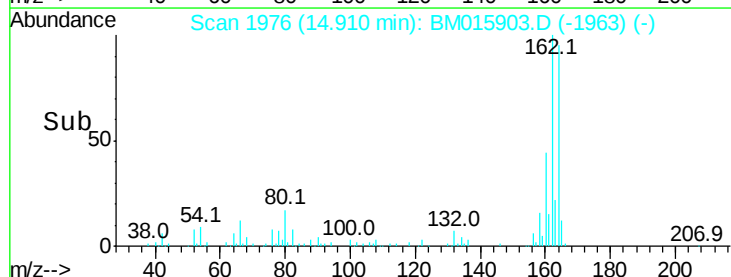
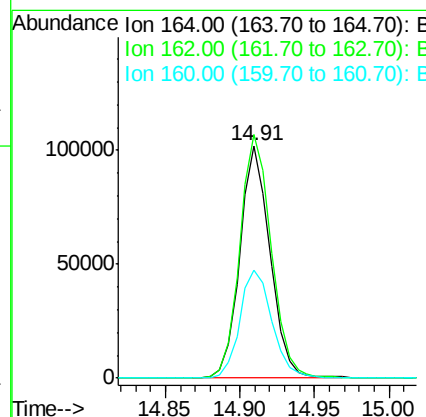
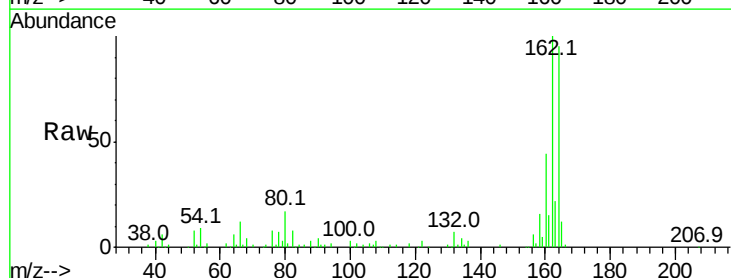
Instrument :
 BNA_M
 ClientSampleId :

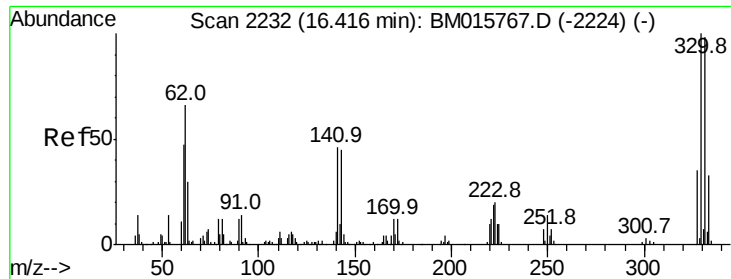
Tot Ion	82	Resp	699179
Ion Ratio	Lower	Upper	
82	100		
128	37.7	32.8	49.2
54	60.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Tgt Ion	164	Resp	143805
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.4	123.6
160	46.5	35.8	53.6

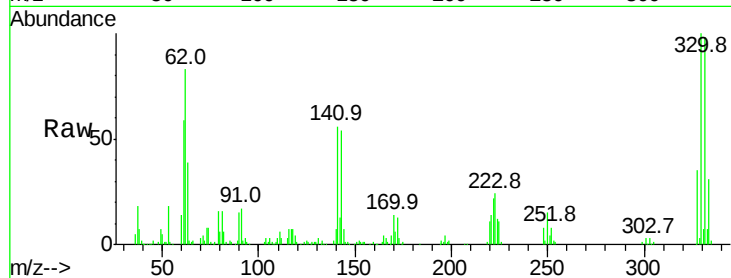




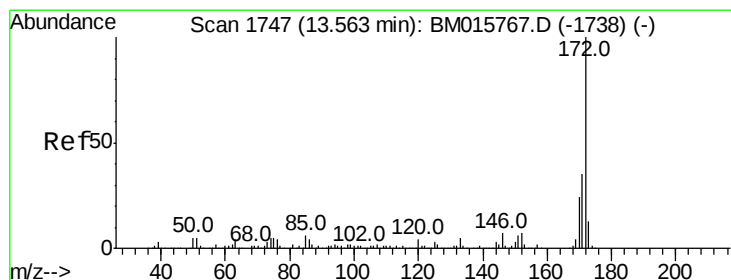
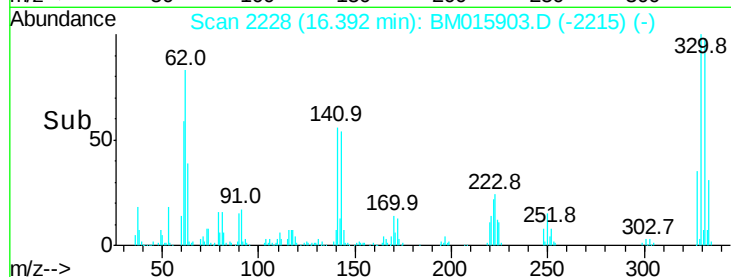
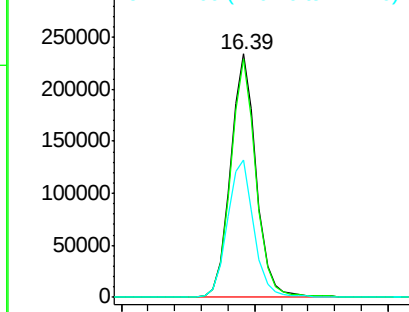
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 313341
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 58.5 0.0 0.0#

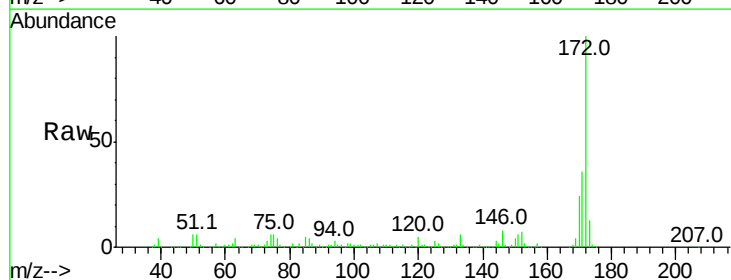


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

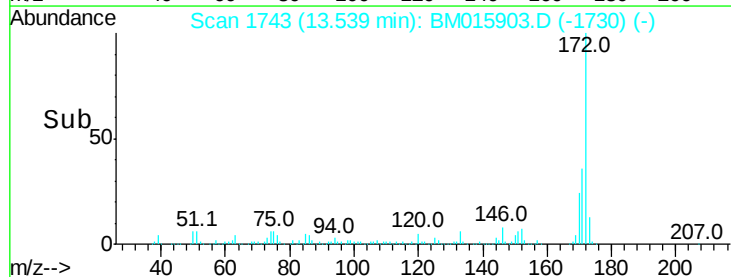
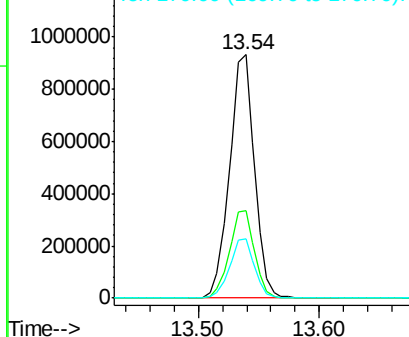


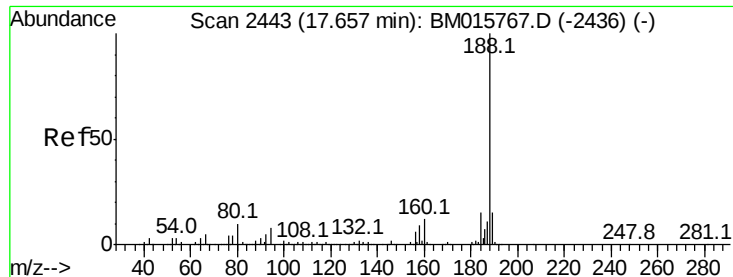
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Tgt Ion:172 Resp: 1344299
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.3 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

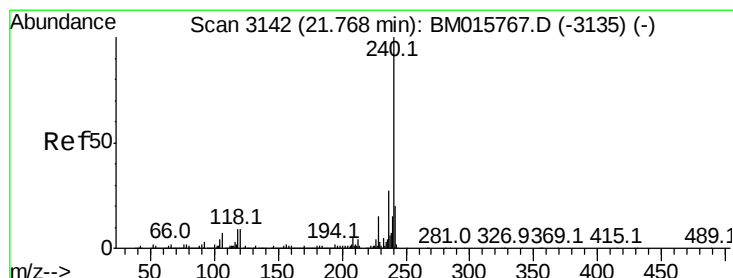
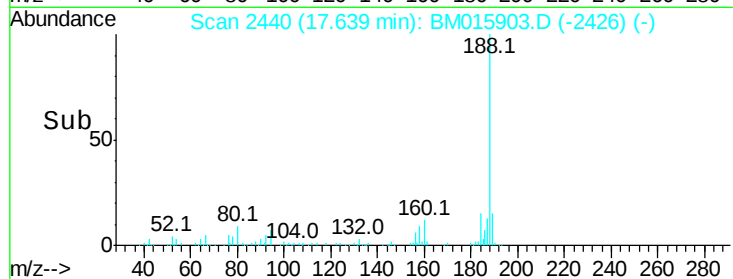
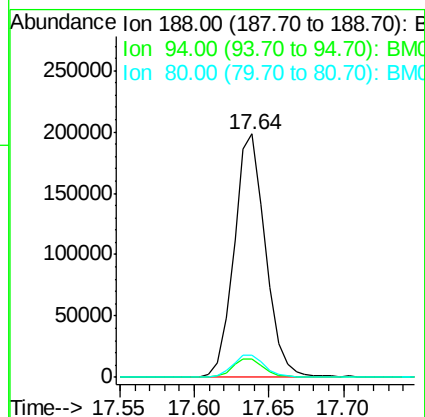
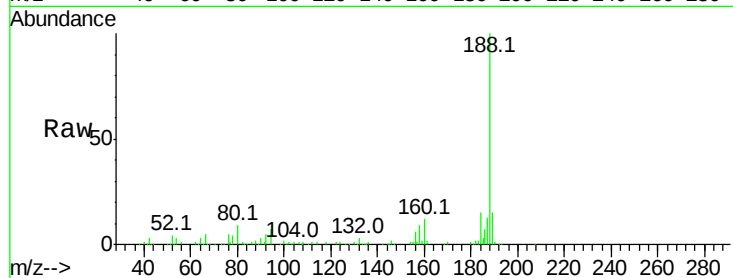




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015903.D
Acq: 12 Jul 2018 07:51

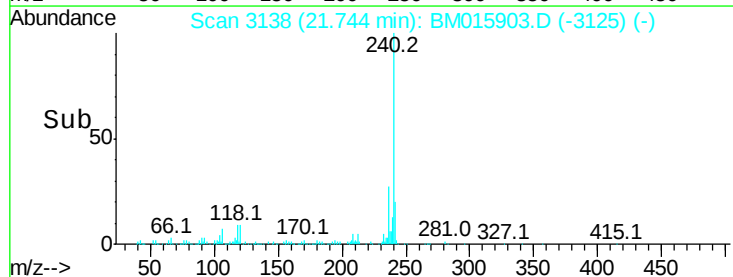
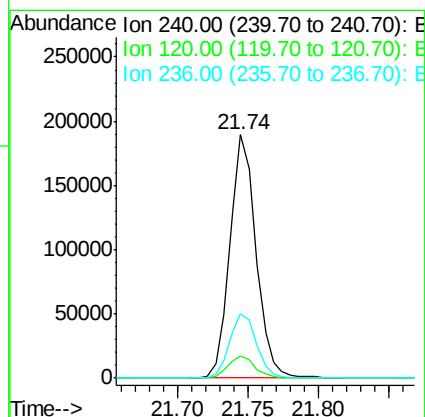
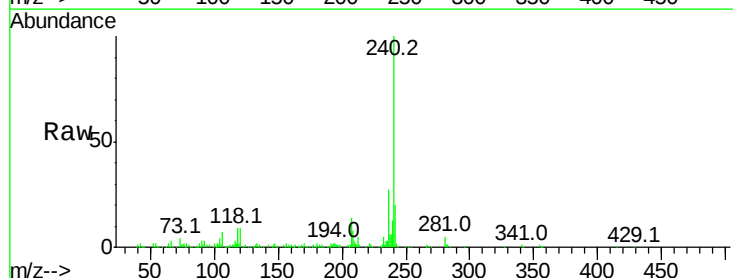
Instrument :
BNA_M
ClientSampleId :

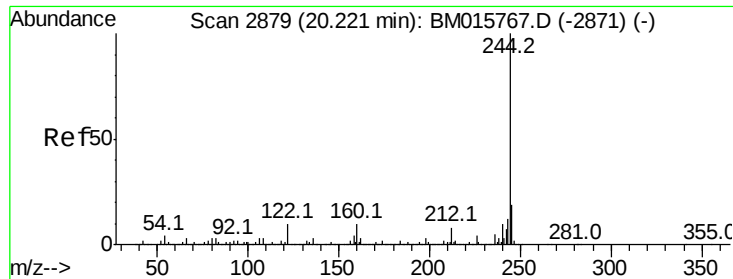
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	9.2	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015903.D
Acq: 12 Jul 2018 07:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	26.5	20.0	30.0

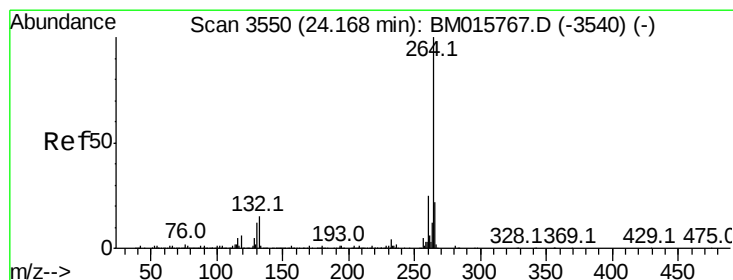
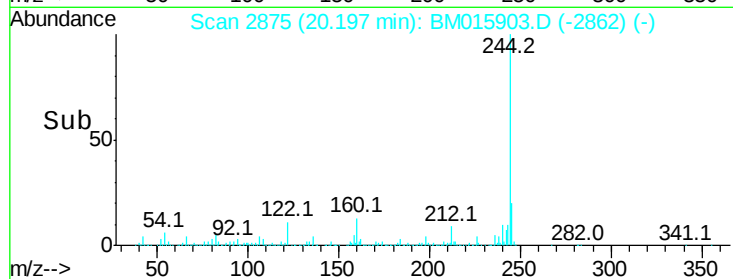
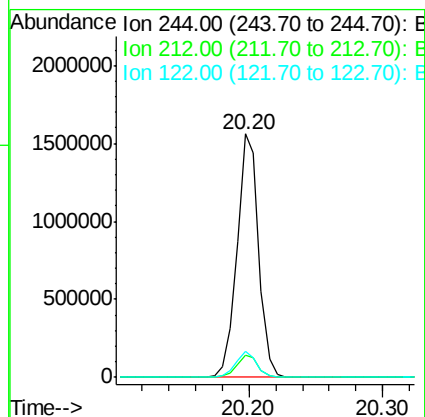
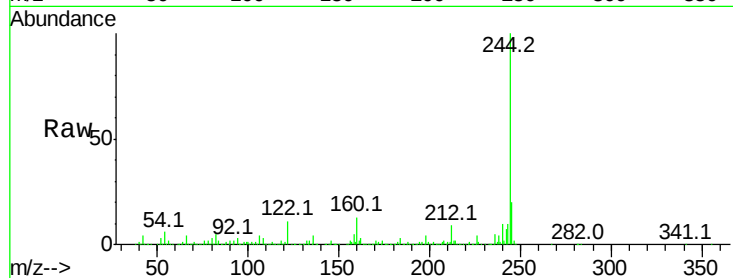




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1754260
 Ion Ratio Lower Upper
 244 100
 212 8.9 4.9 7.3#
 122 10.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3545
 Delta R.T. -0.03 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Tgt Ion:264 Resp: 260155
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 27.8
 265 22.3 17.3 25.9

