

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015909.D
 Acq On : 12 Jul 2018 11:31
 Operator : SJ/JU
 Sample : J3924-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Quant Time: Jul 12 12:14:16 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	73738	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	274739	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	141218	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	292221	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	257110	20.00	ng	-0.02
86) Perylene-d12	24.14	264	266034	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	683033	158.86	ng	-0.02
7) Phenol-d6	7.45	99	760277	129.16	ng	-0.02
23) Nitrobenzene-d5	9.47	82	662357	117.63	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	312094	169.14	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1353153	118.96	ng	-0.03
78) Terphenyl-d14	20.20	244	1835311	132.40	ng	-0.02

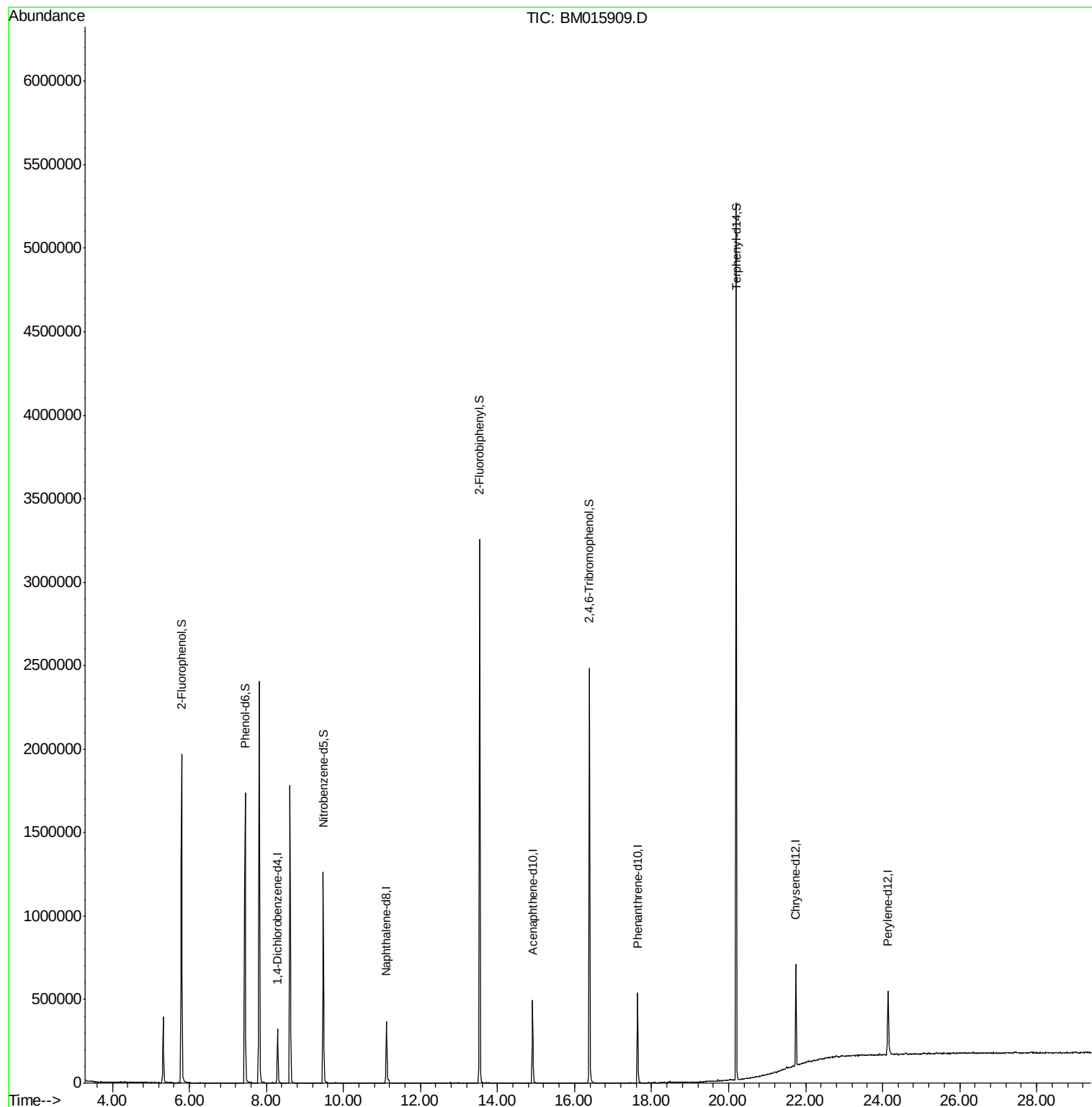
Target Compounds Qvalue

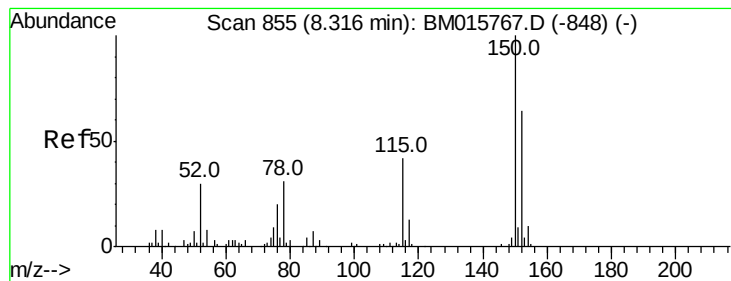
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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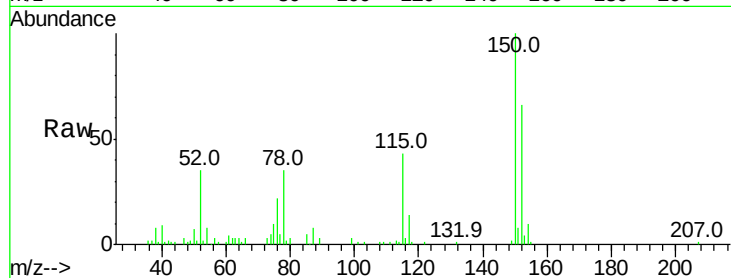


#1

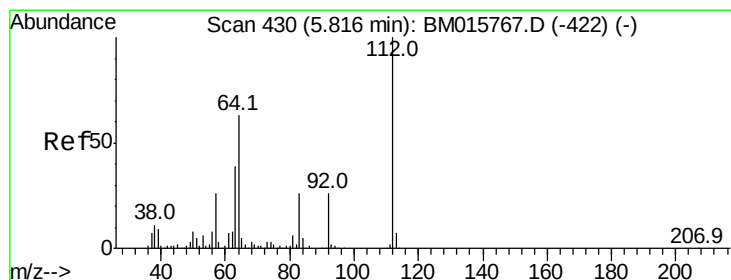
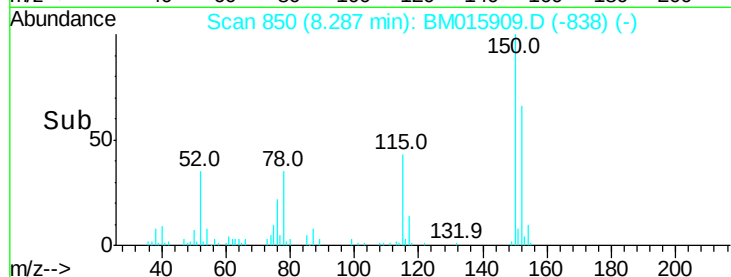
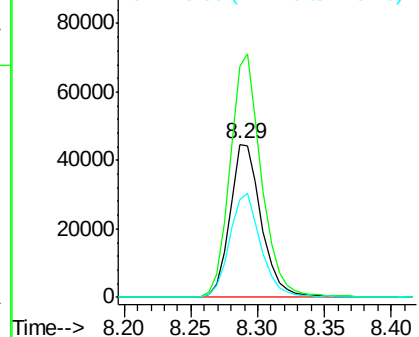
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

Instrument :
BNA_M
ClientSampled :
RO-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	64.0	43.0	64.4



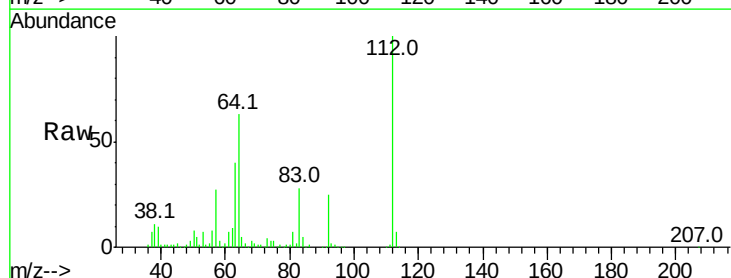
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



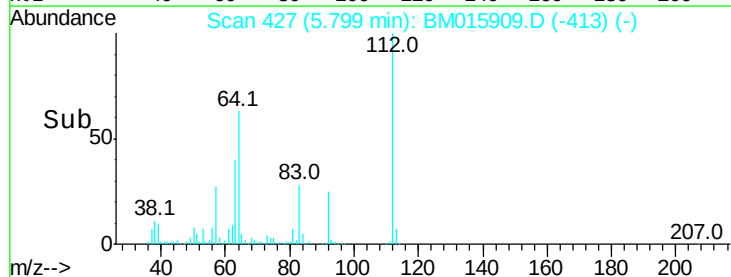
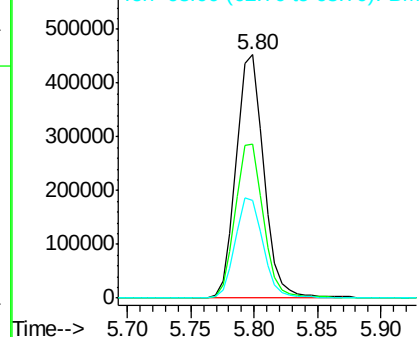
#5

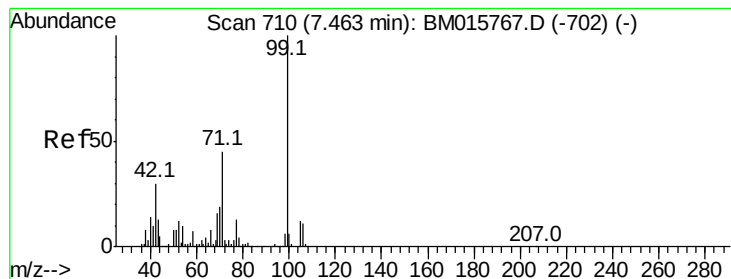
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	38.6	57.8#
63	40.4	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: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

Instrument :

BNA_M

ClientSampleId :

RO-1-4

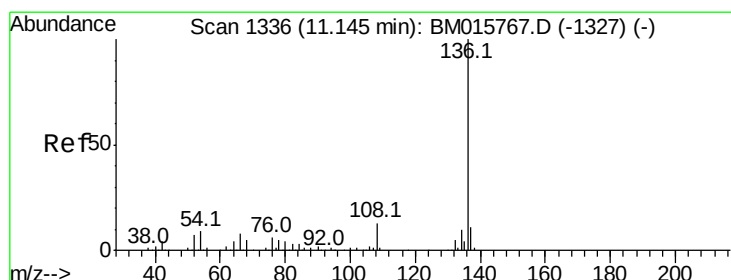
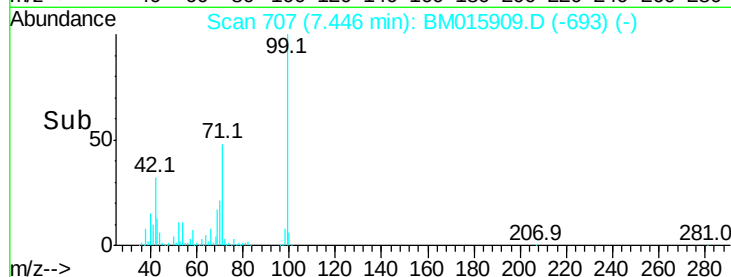
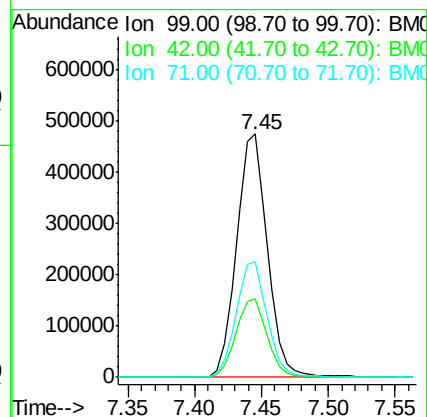
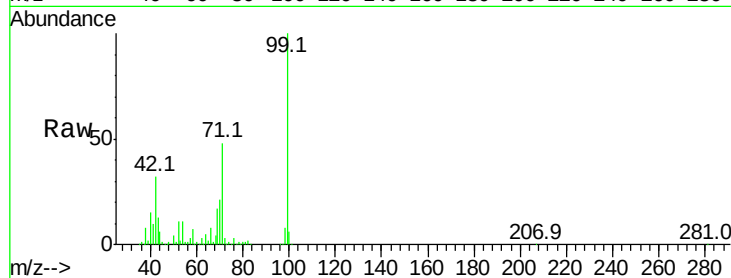
Tot Ion: 99 Resp: 760277

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

71 47.7 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: BM015909.D

Acq: 12 Jul 2018 11:31

Tgt Ion: 136 Resp: 274739

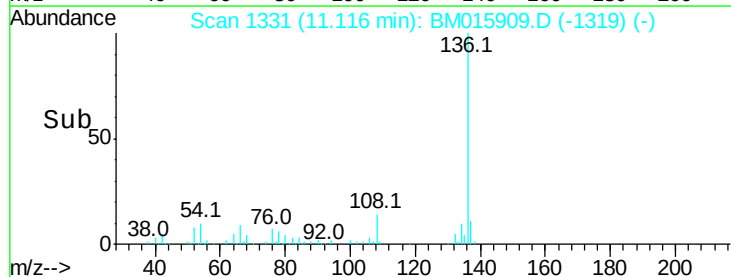
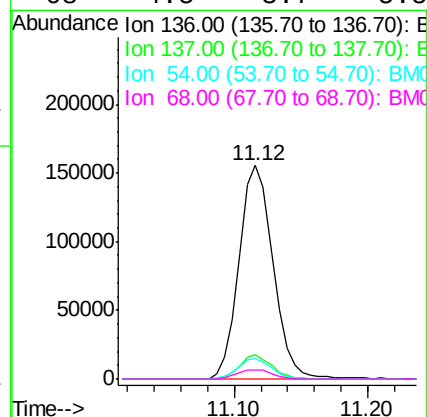
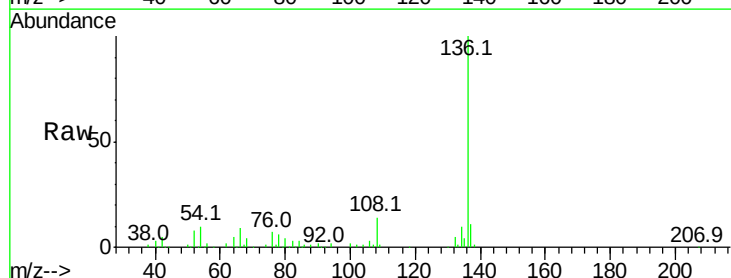
Ion Ratio Lower Upper

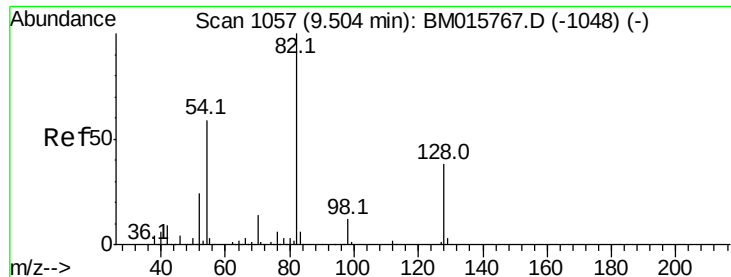
136 100

137 11.3 8.7 13.1

54 9.7 4.6 6.8#

68 4.5 3.7 5.5

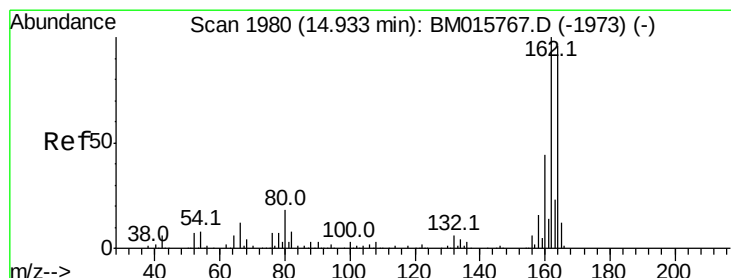
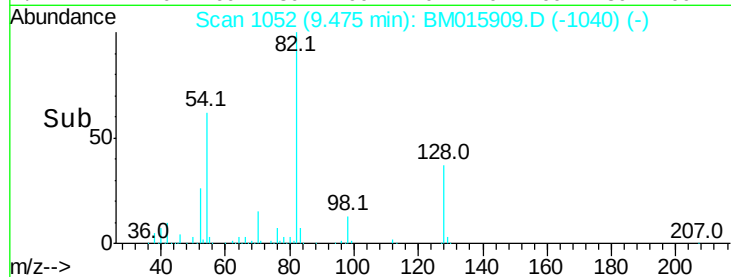
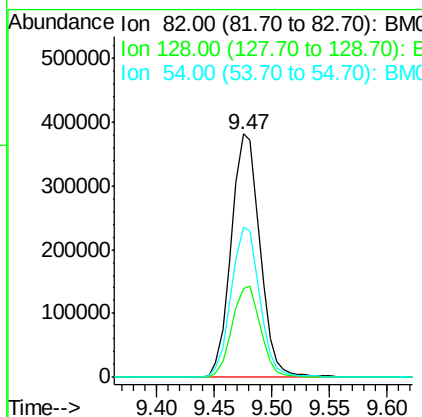
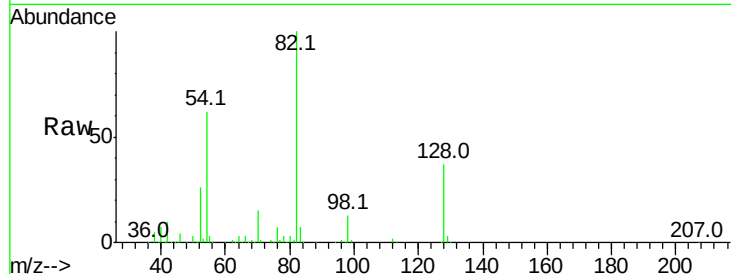




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

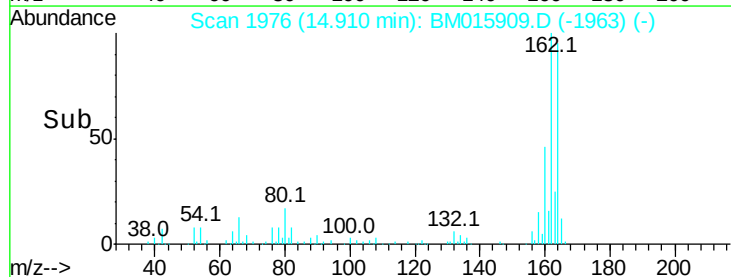
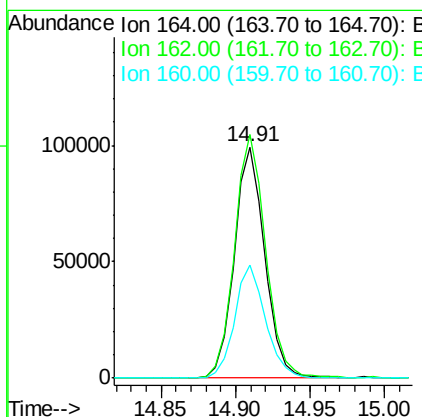
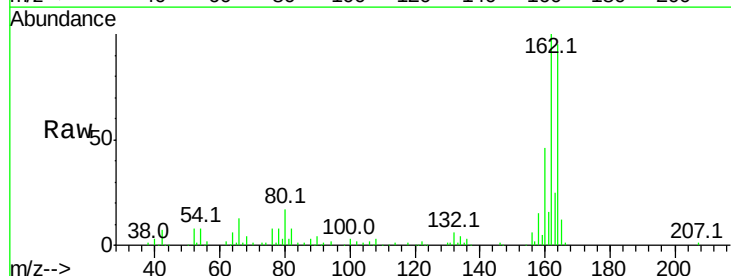
Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

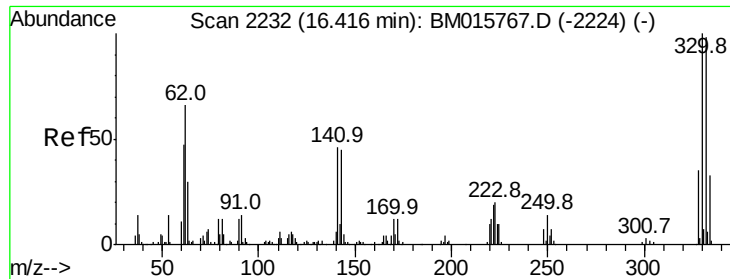
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	32.8	49.2
54	61.9	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	48.8	35.8	53.6

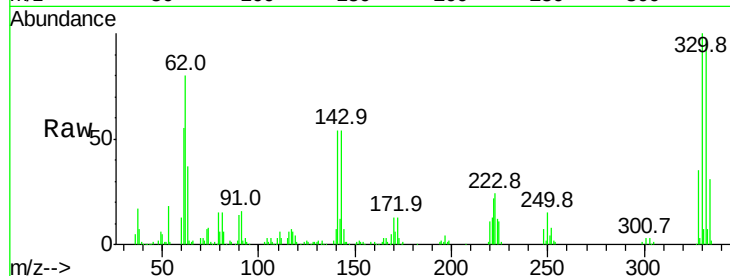




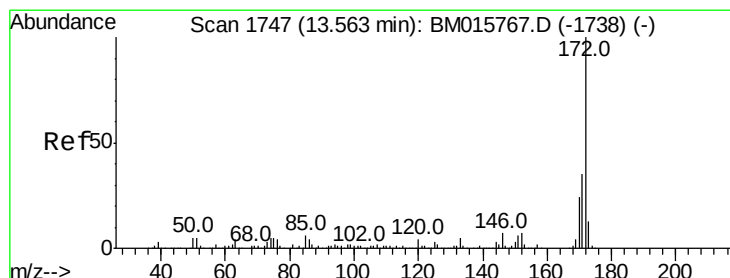
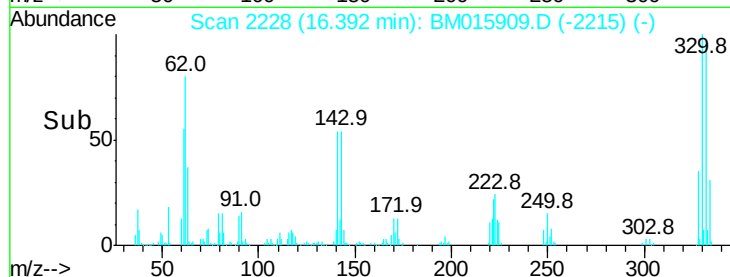
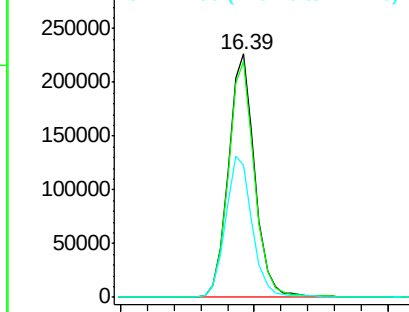
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Instrument :
 BNA_M
 ClientSampleID :
 RO-1-4

Tot Ion:330 Resp: 312094
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 59.4 0.0 0.0#

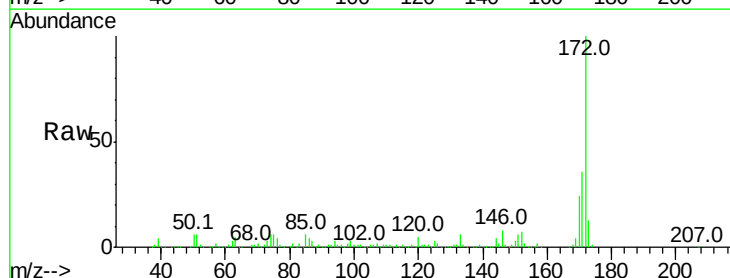


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

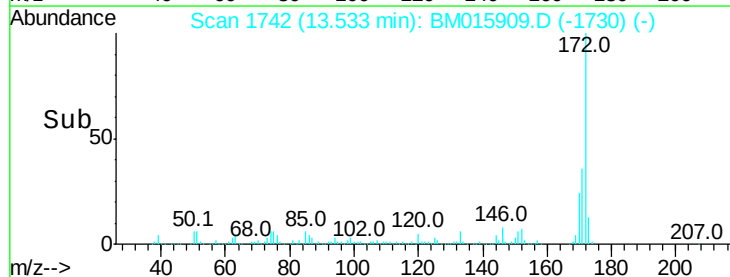
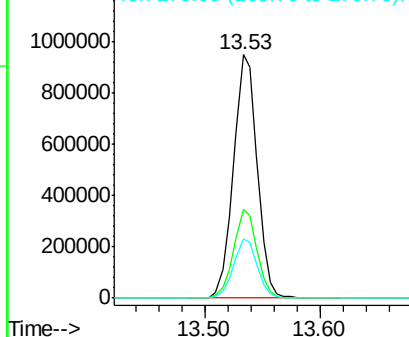


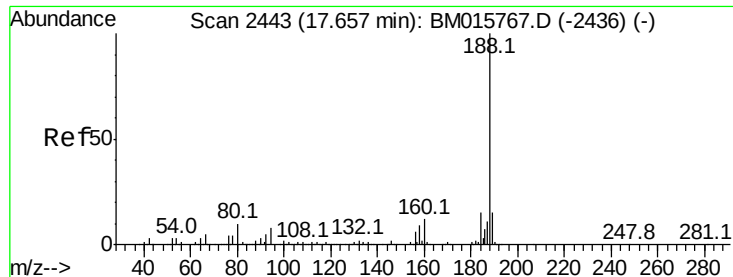
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Tgt Ion:172 Resp: 1353153
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

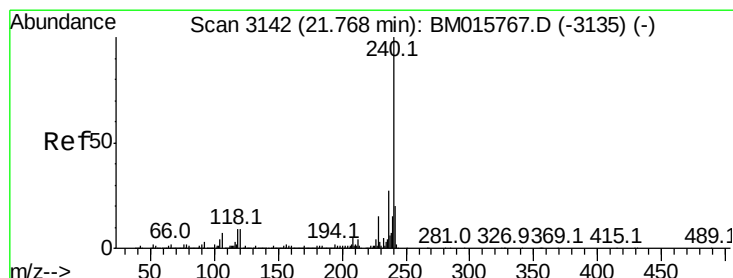
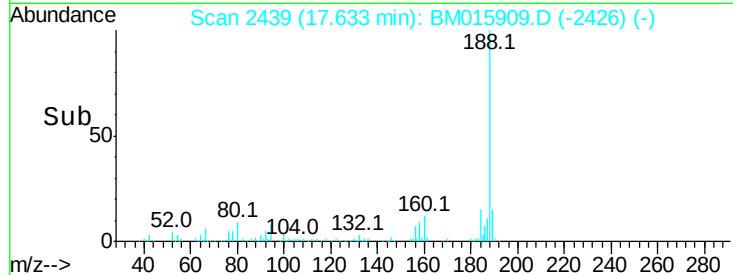
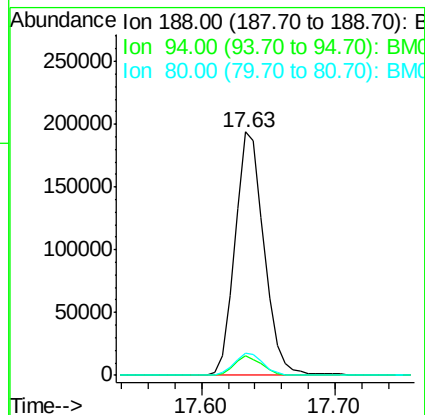
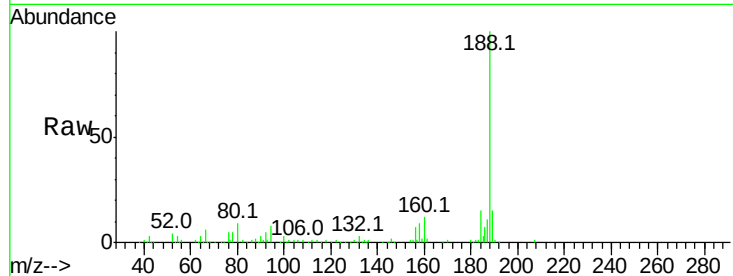




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

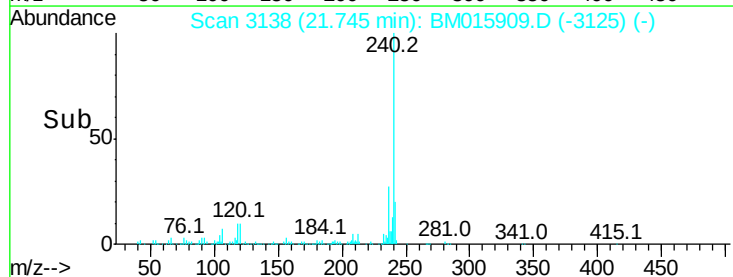
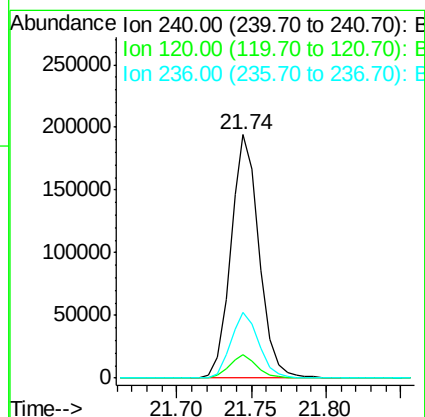
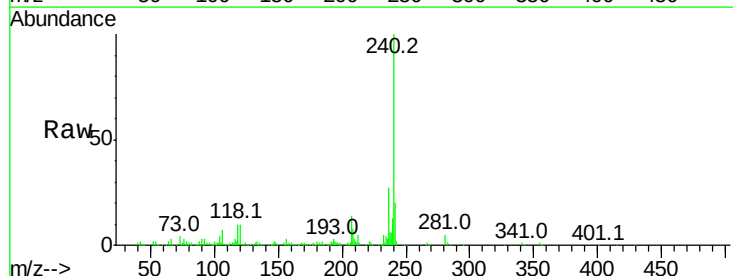
Instrument :
BNA_M
ClientSampleId :
RO-1-4

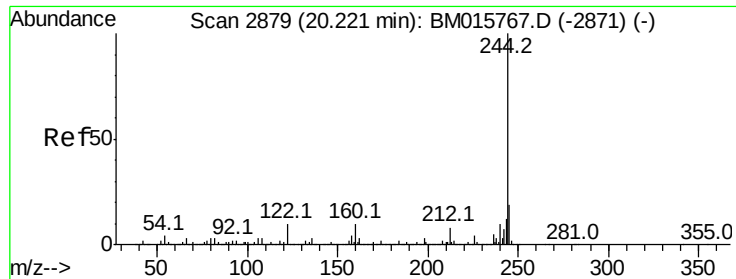
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.7	13.1#
80	9.2	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	26.8	20.0	30.0

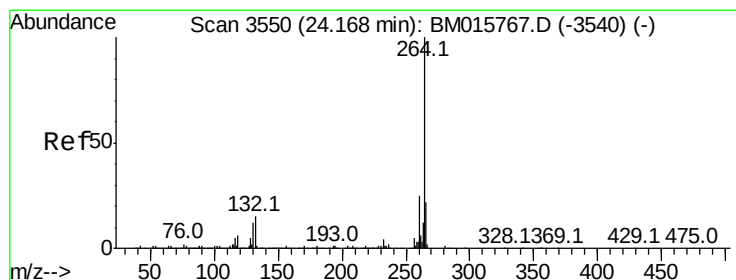
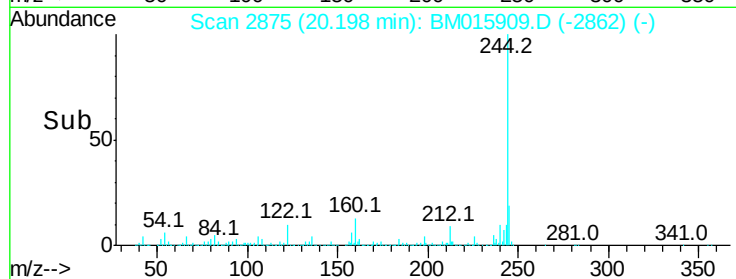
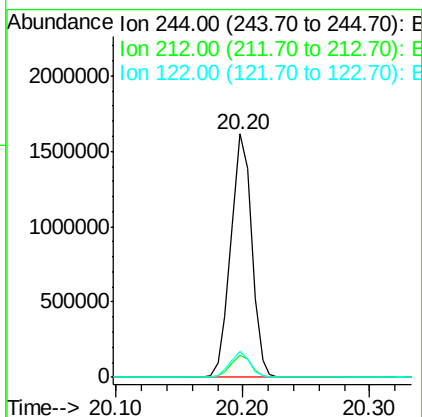
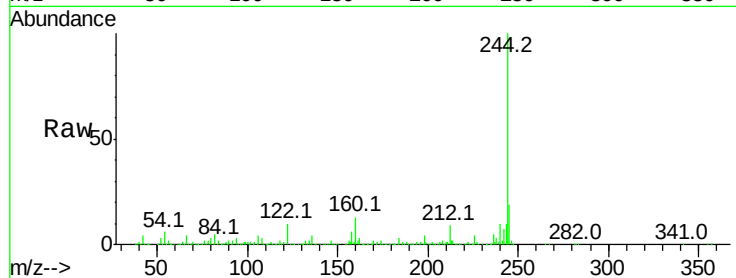




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Tot Ion:244 Resp: 1835311
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 10.5 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: BM015909.D
 Acq: 12 Jul 2018 11:31

Tgt Ion:264 Resp: 266034
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 27.8
 265 22.3 17.3 25.9

