

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 :
 HD-02-071018

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

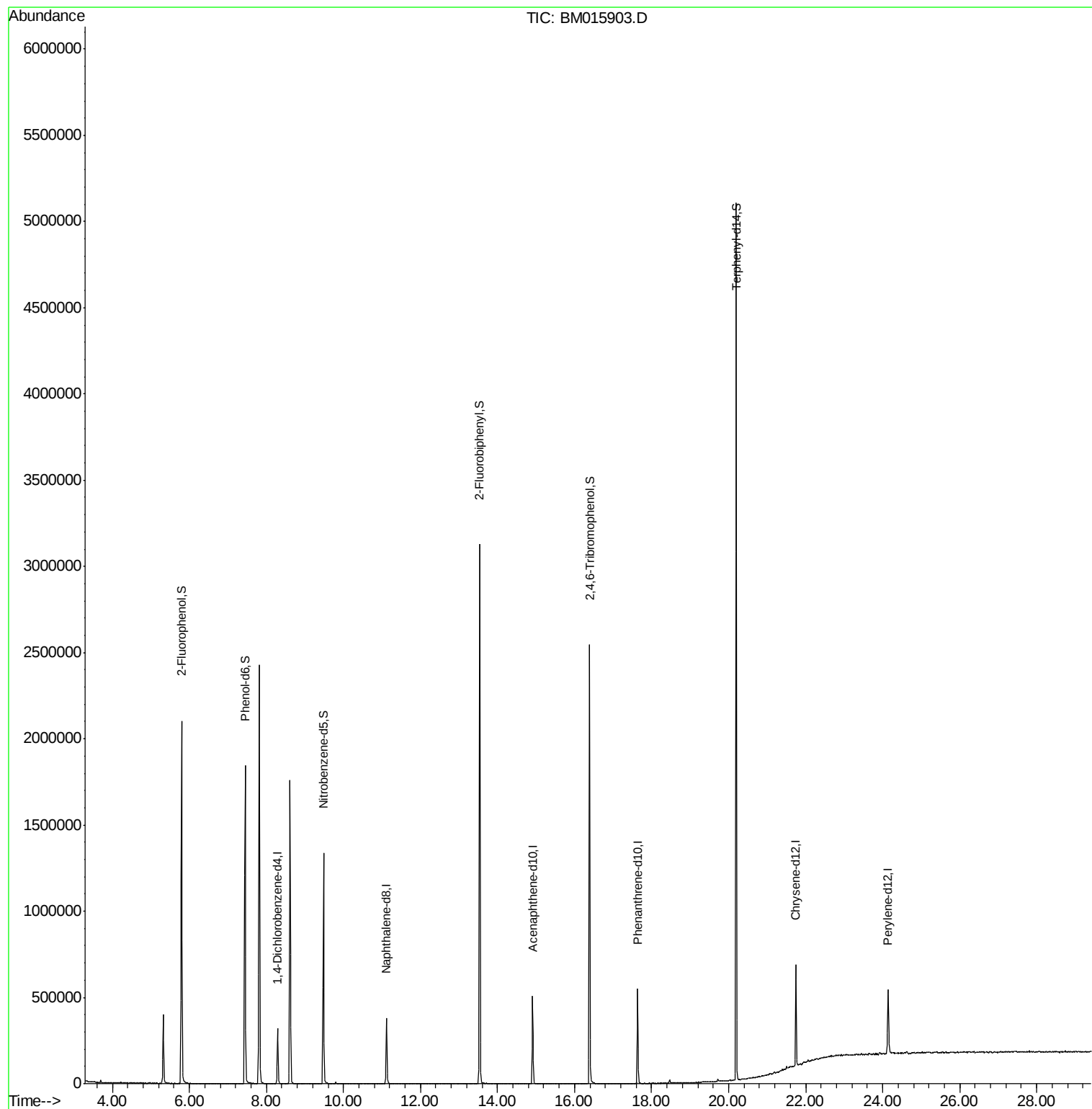
Target Compounds Qvalue

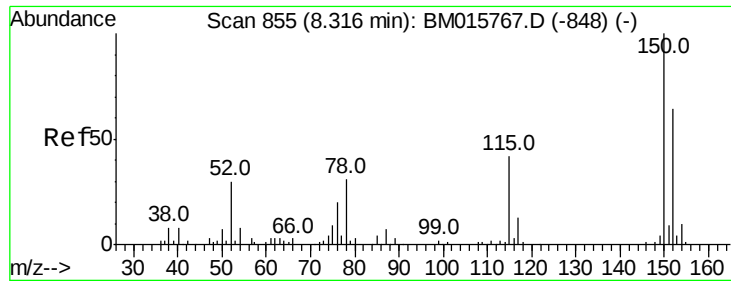
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
HD-02-071018

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



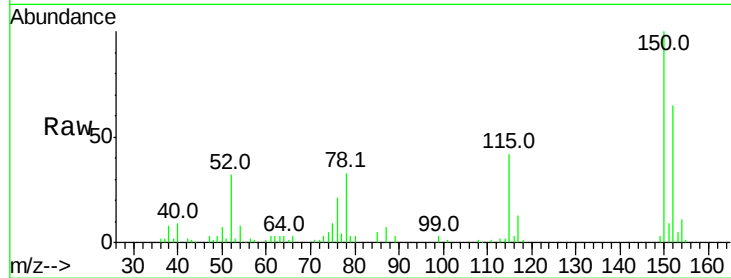


#1

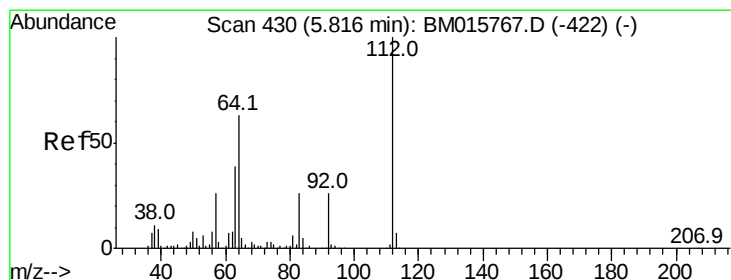
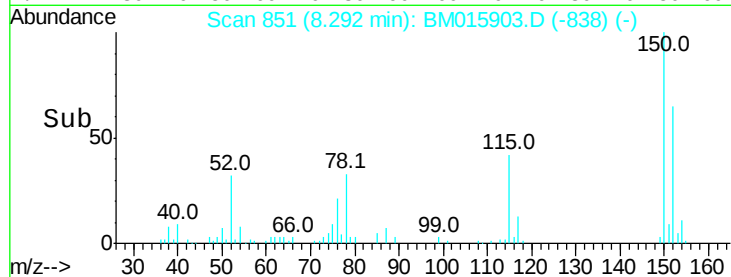
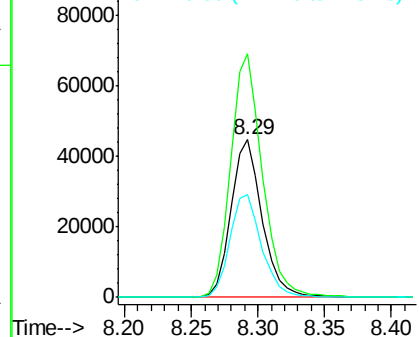
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015903.D
Acq: 12 Jul 2018 07:51

Instrument :
BNA_M
ClientSampleId :
HD-02-071018

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#



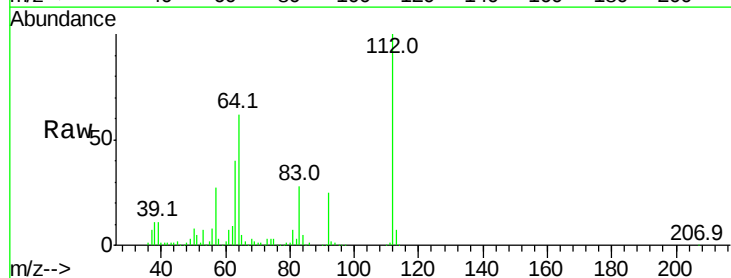
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



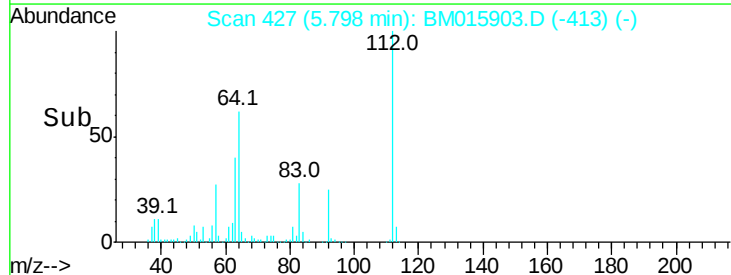
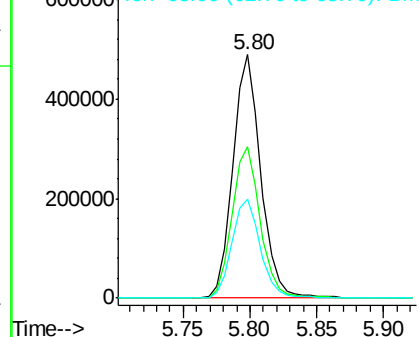
#5

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 :

HD-02-071018

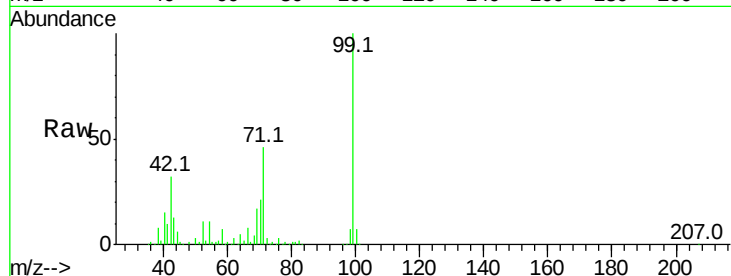
Tot Ion: 99 Resp: 805115

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

71 46.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

7.45

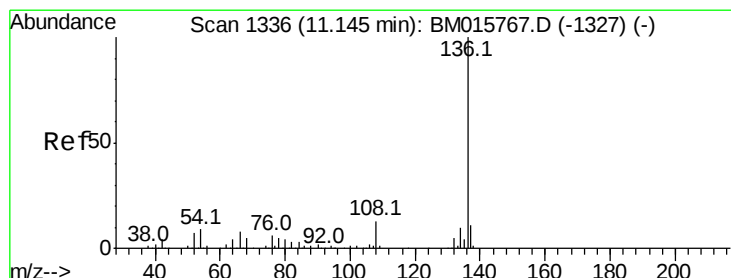
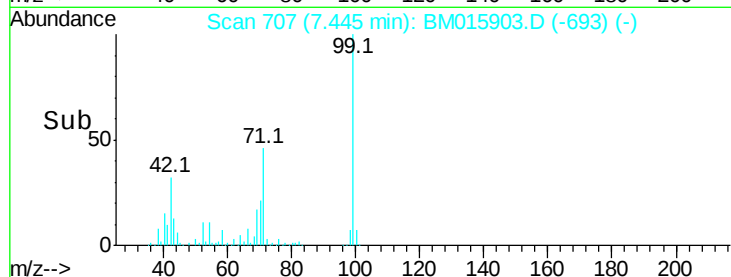
400000

200000

0

Time-->

7.35 7.40 7.45 7.50 7.55



#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

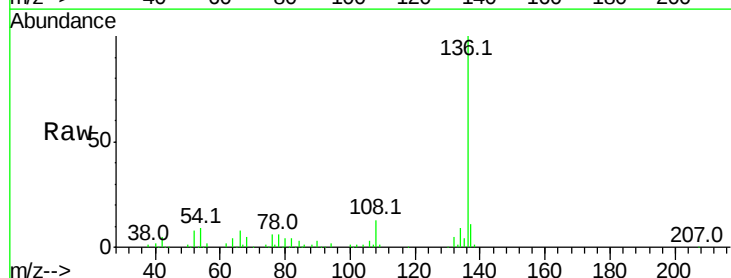
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 4.6 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

11.12

250000

200000

150000

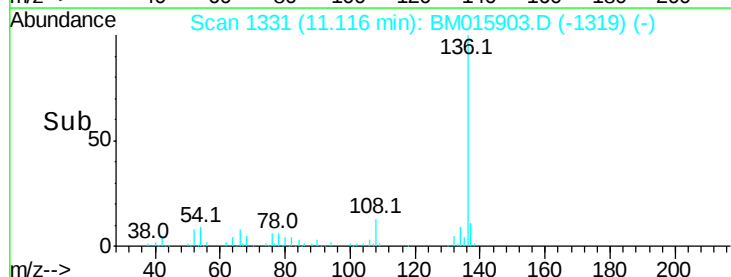
100000

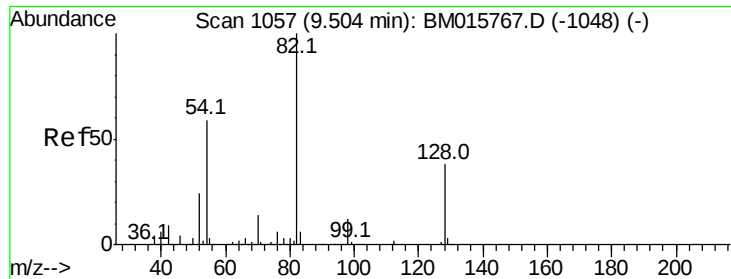
50000

0

Time-->

11.10 11.20

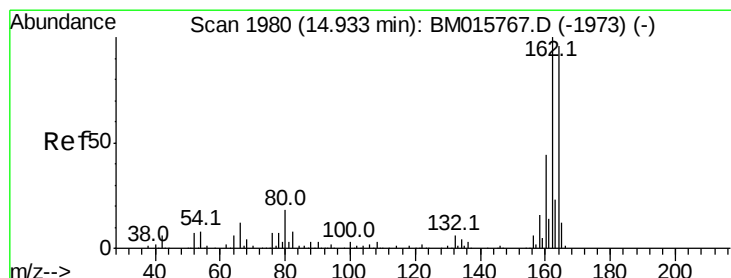
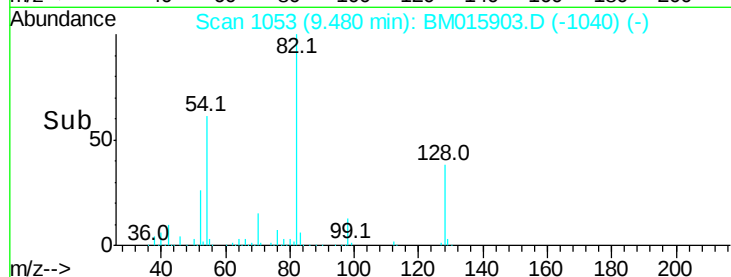
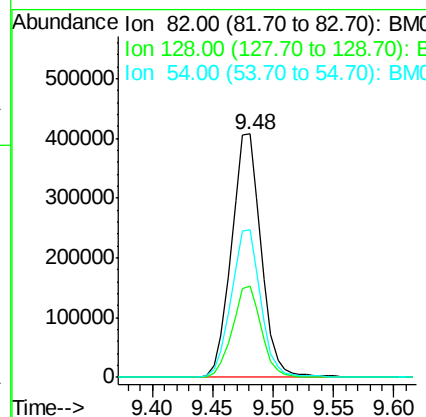
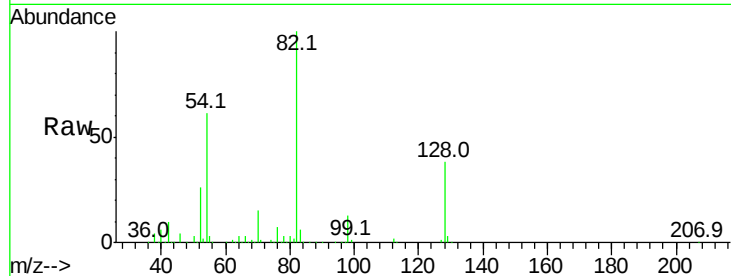




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.48 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

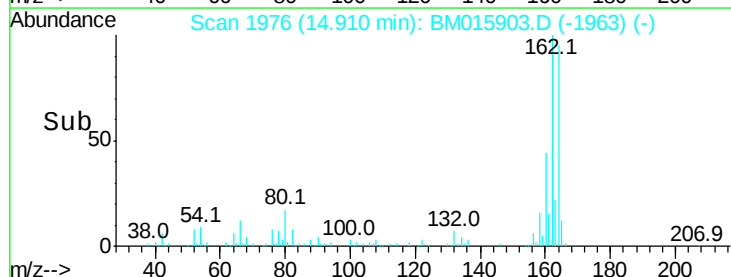
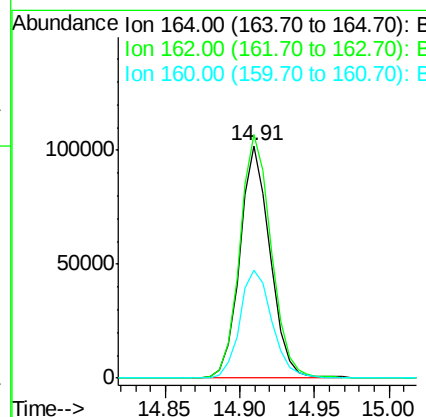
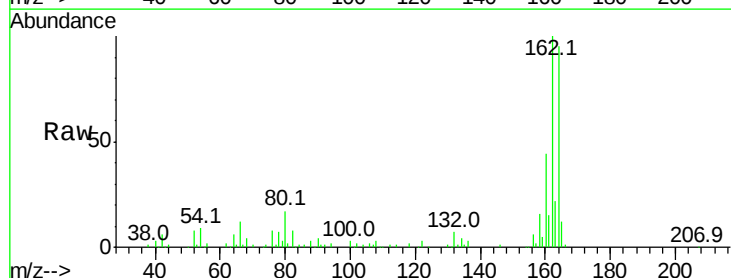
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018

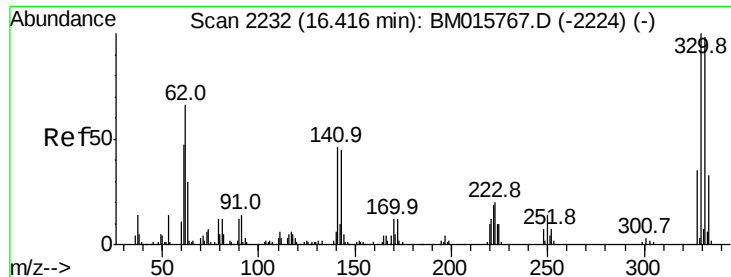
Tot Ion: 82 Resp: 699179
 Ion Ratio Lower Upper
 82 100
 128 37.7 32.8 49.2
 54 60.7 40.6 60.8



#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

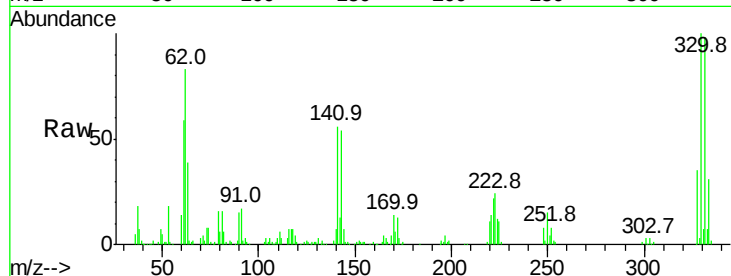




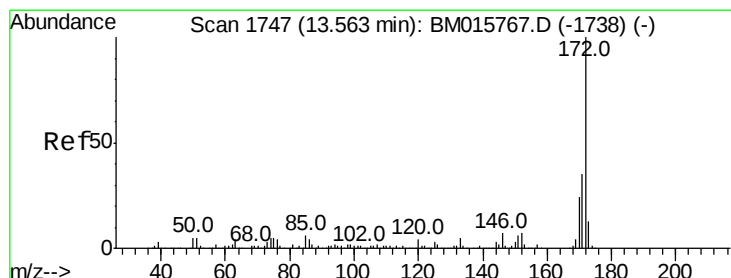
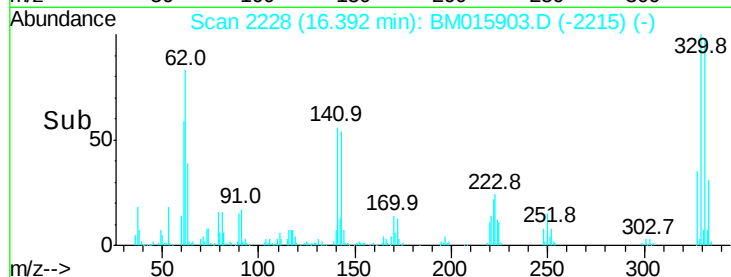
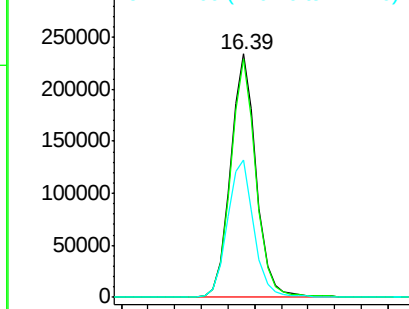
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018

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#

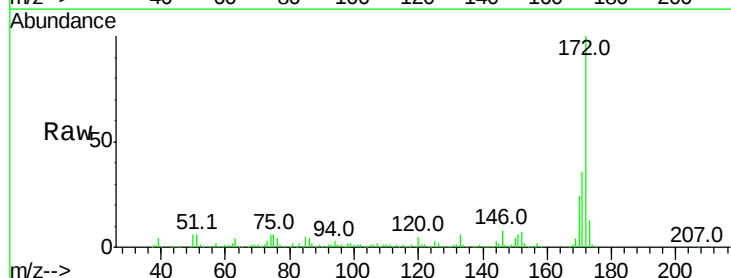


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

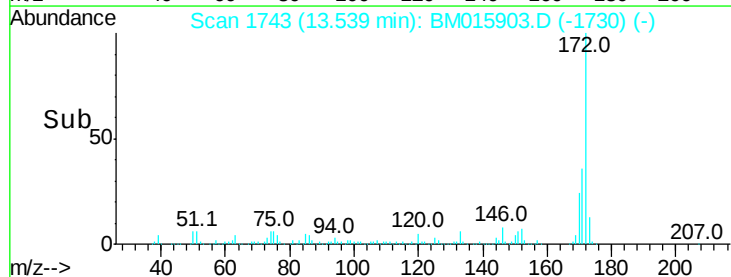
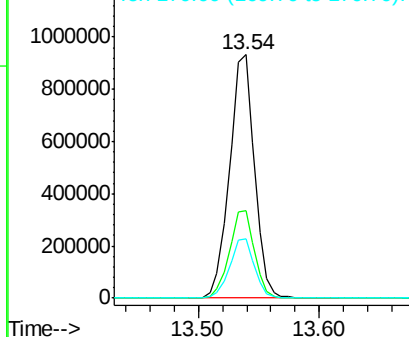


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015903.D
 Acq: 12 Jul 2018 07:51

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

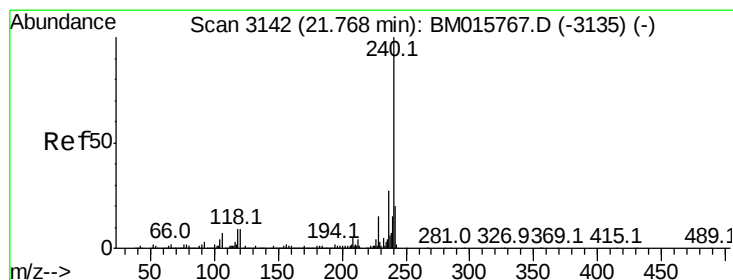
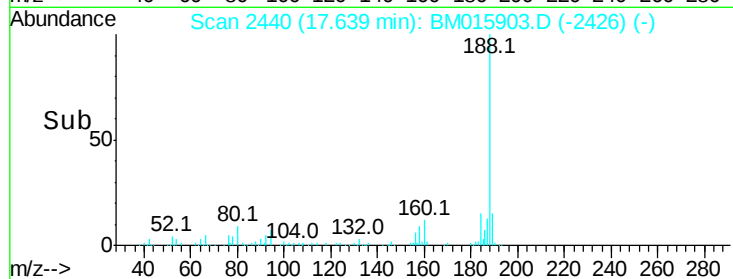
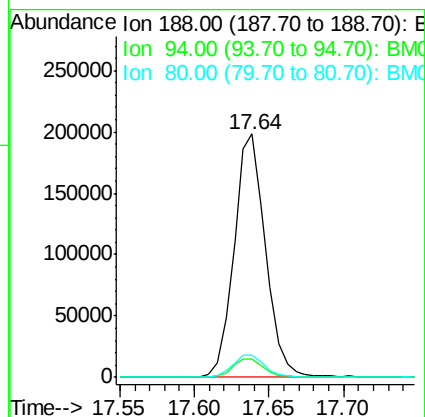
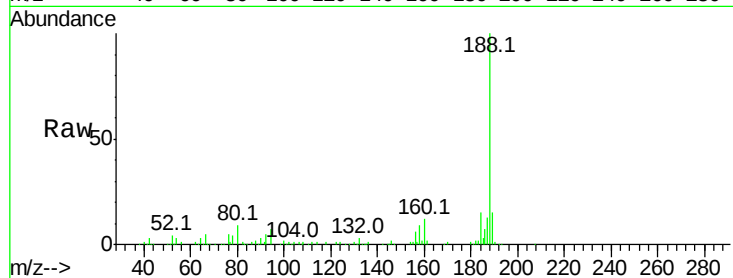




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015903.D
Acq: 12 Jul 2018 07:51

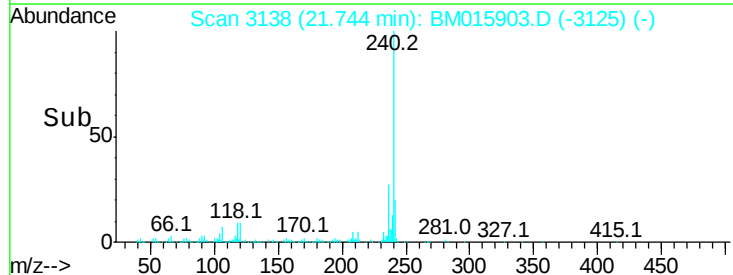
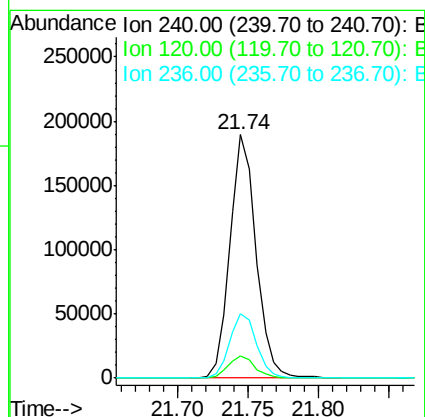
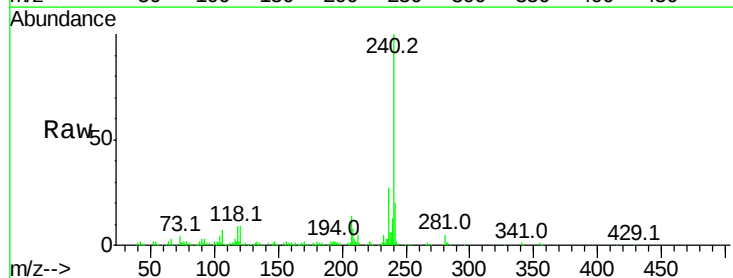
Instrument :
BNA_M
ClientSampleId :
HD-02-071018

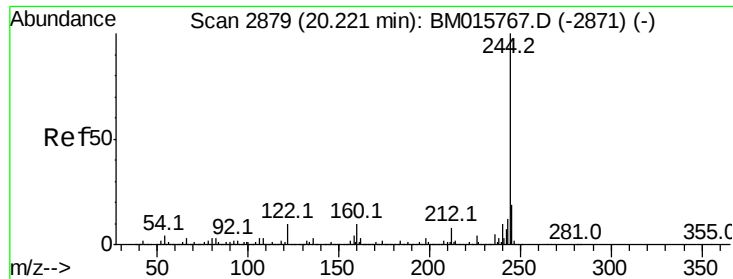
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	9.2	9.3	13.9#



#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 :

HD-02-071018

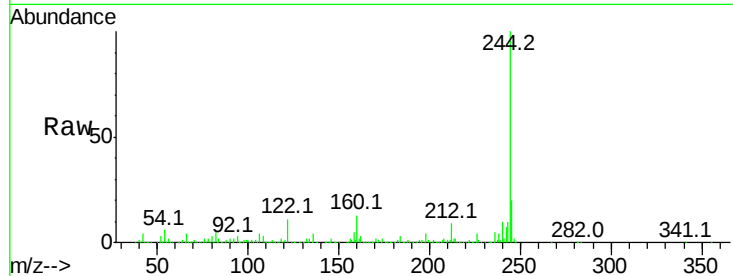
Tot Ion:244 Resp: 1754260

Ion Ratio Lower Upper

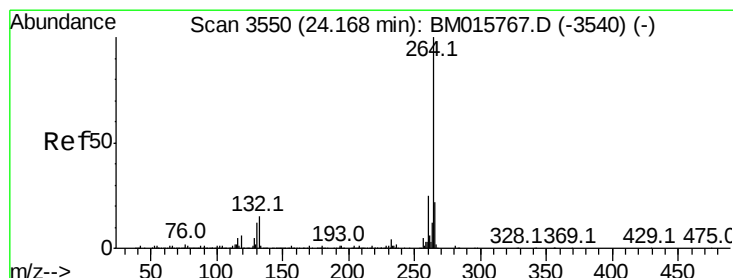
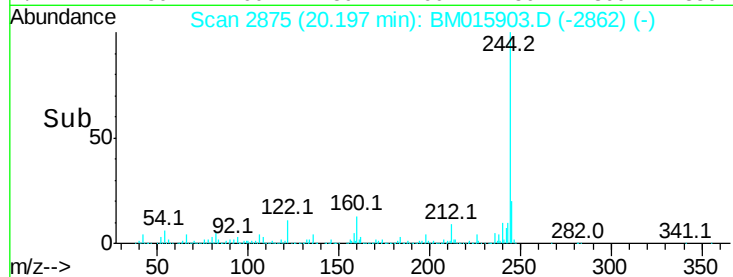
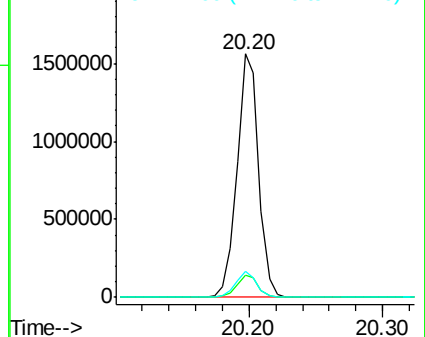
244 100

212 8.9 4.9 7.3#

122 10.6 6.2 9.4#



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: 24.14 min Scan# 3545

Delta R.T. -0.03 min

Lab File: BM015903.D

Acq: 12 Jul 2018 07:51

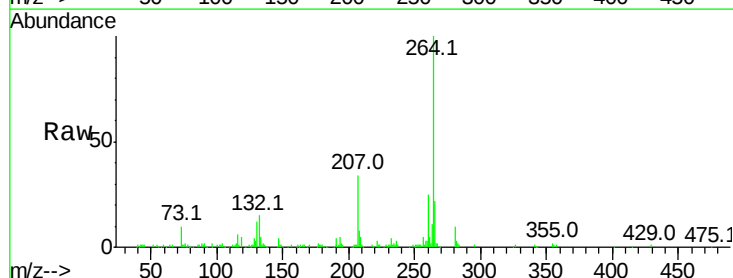
Tgt Ion:264 Resp: 260155

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.3 17.3 25.9



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

