

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015861.D
 Acq On : 10 Jul 2018 02:59
 Operator : SJ/JU
 Sample : J3891-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 212-72-11940-R4-VNJ-242

Quant Time: Jul 10 07:02:55 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	8.30	152	65492	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	261542	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	152641	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	371438	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	396149	20.00	ng	-0.01
86) Perylene-d12	24.16	264	390337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	554052	145.08	ng	-0.01
7) Phenol-d6	7.45	99	632843	121.05	ng	-0.01
23) Nitrobenzene-d5	9.49	82	577149	107.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	354381	177.68	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1230922	100.12	ng	-0.02
78) Terphenyl-d14	20.21	244	2518038	117.90	ng	-0.01

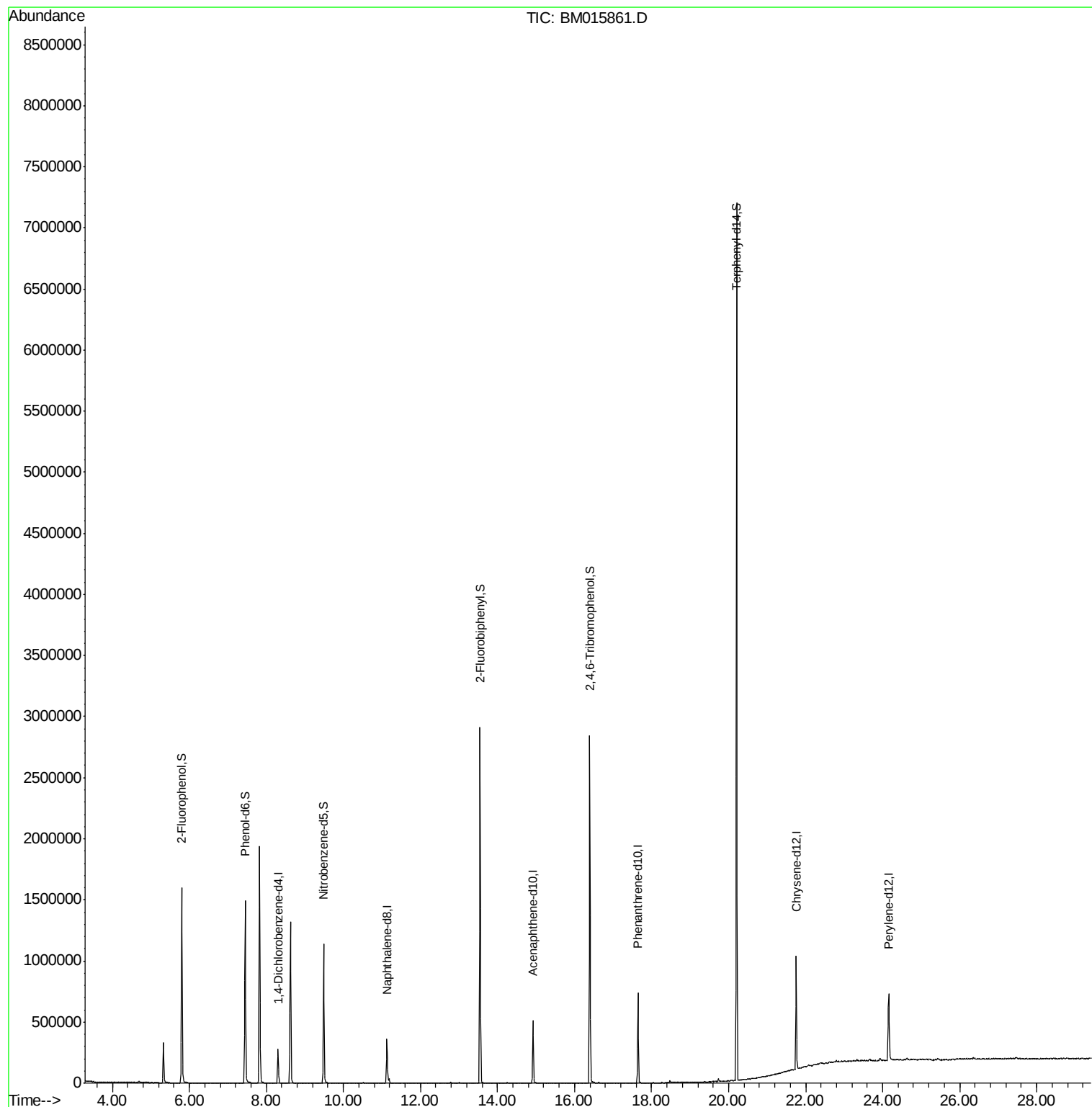
Target Compounds Qvalue

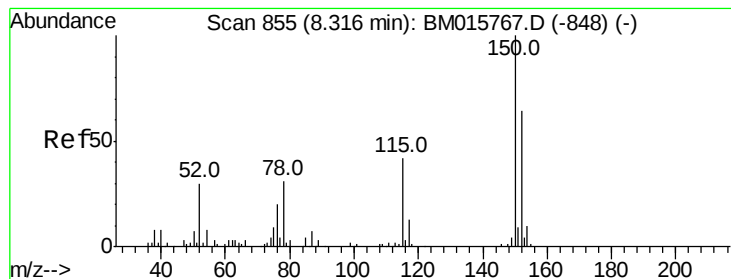
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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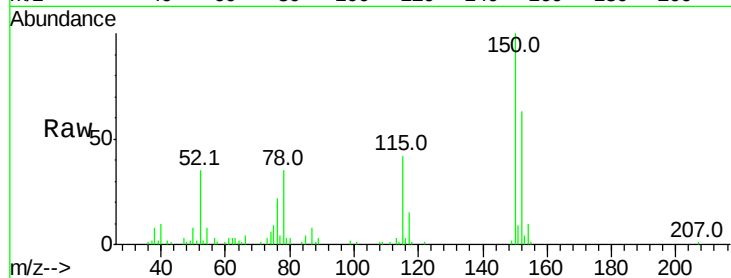


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

Instrument :
BNA_M
ClientSampleId :
212-72-11940-R4-VNJ-242

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	66.7	43.0	64.4

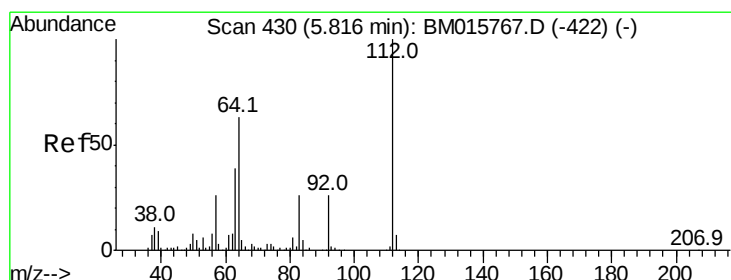
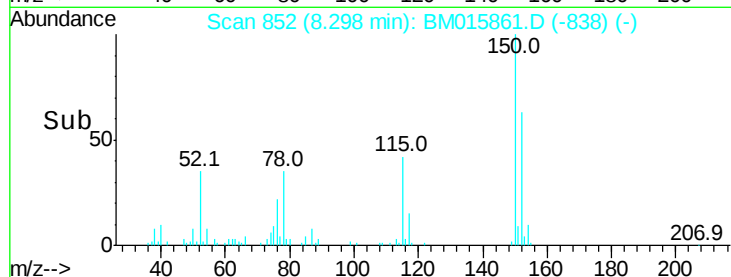
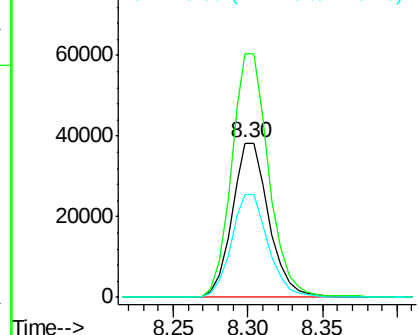


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

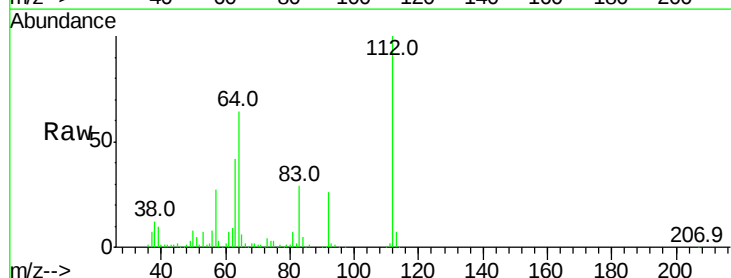
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8
63	41.8	19.3	28.9

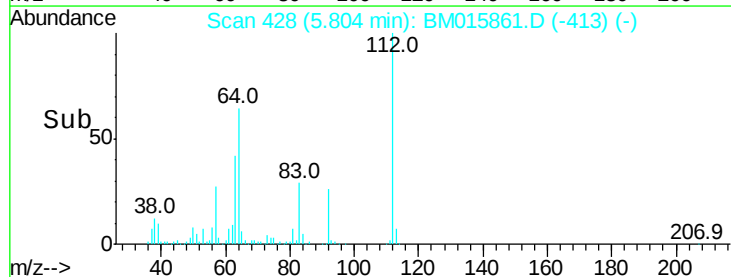
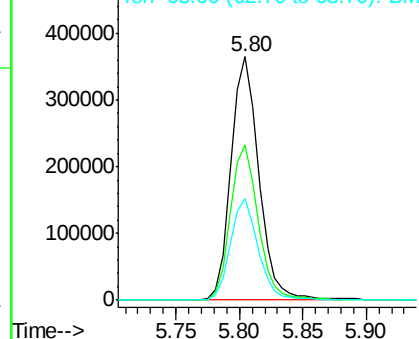


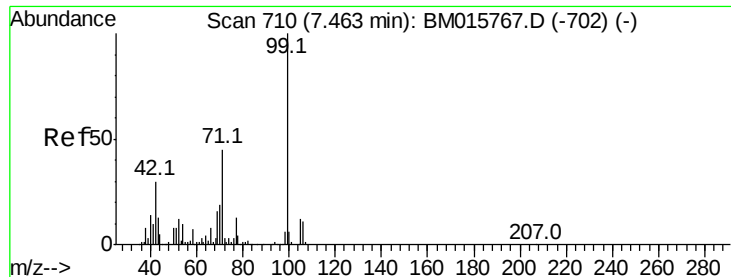
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015861.D

Acq: 10 Jul 2018 02:59

Instrument :

BNA_M

ClientSampleId :

212-72-11940-R4-VNJ-242

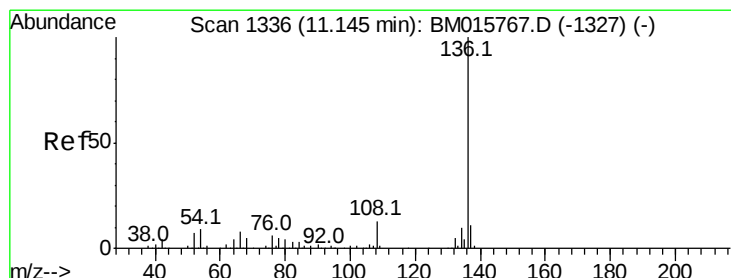
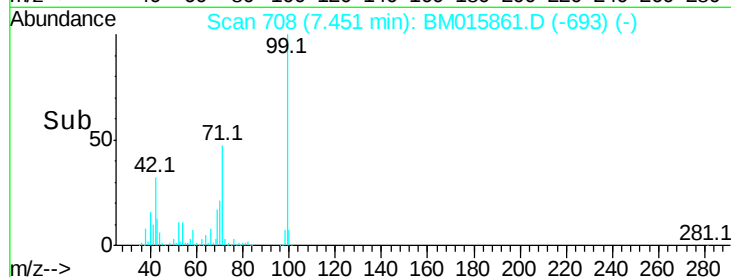
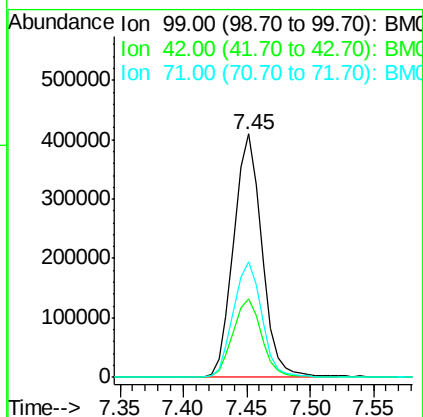
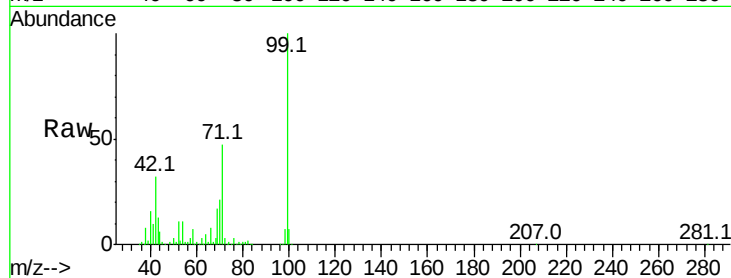
Tot Ion: 99 Resp: 632843

Ion Ratio Lower Upper

99 100

42 32.0 11.0 16.4#

71 47.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015861.D

Acq: 10 Jul 2018 02:59

Tgt Ion: 136 Resp: 261542

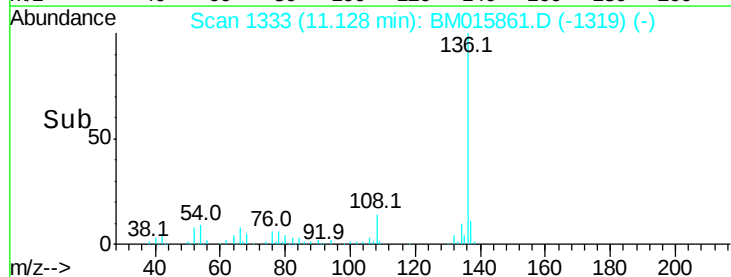
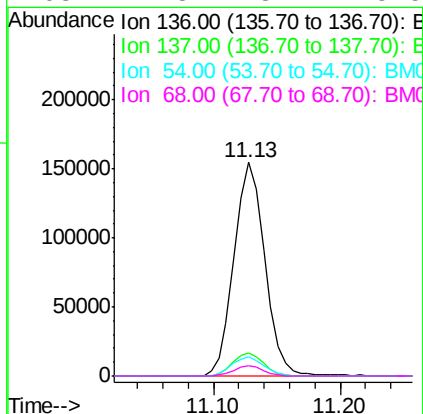
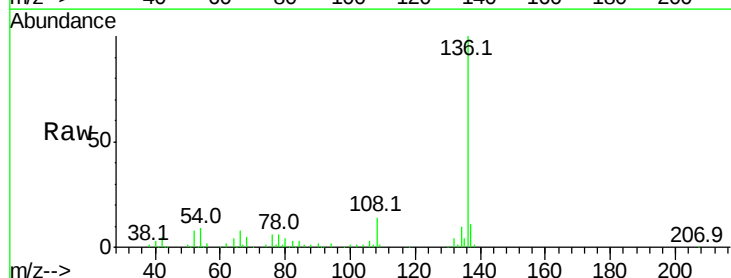
Ion Ratio Lower Upper

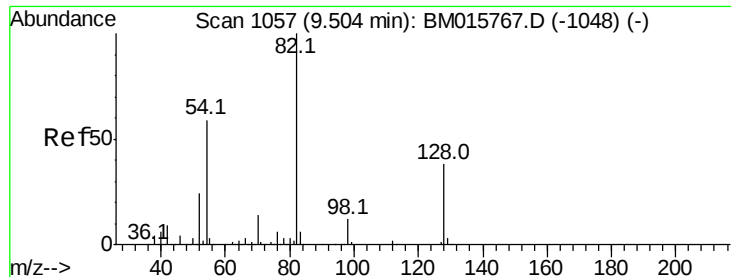
136 100

137 10.7 8.7 13.1

54 9.0 4.6 6.8#

68 4.8 3.7 5.5

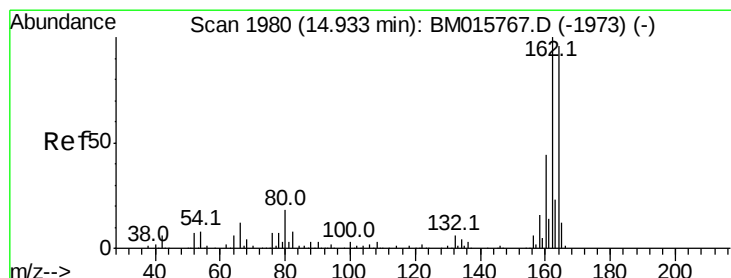
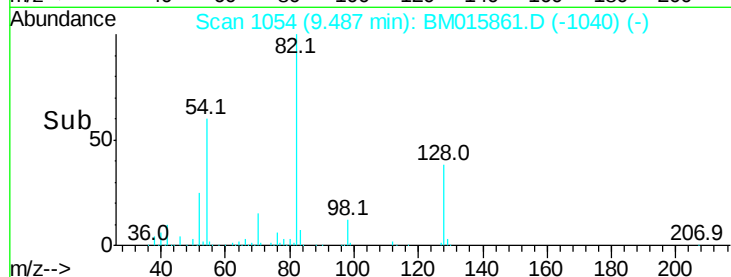
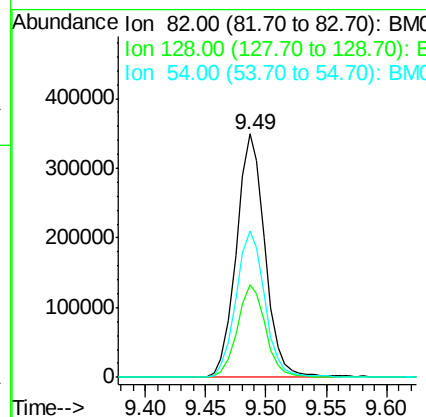
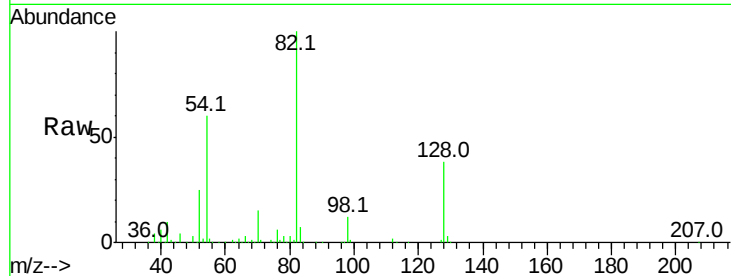




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

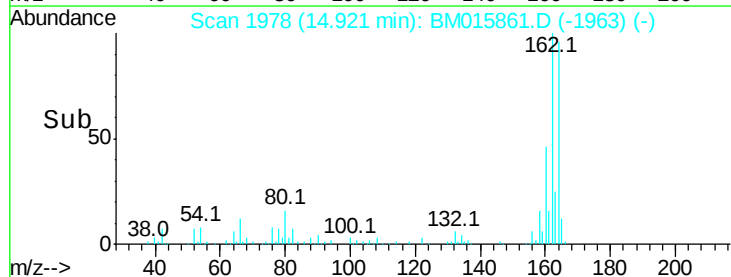
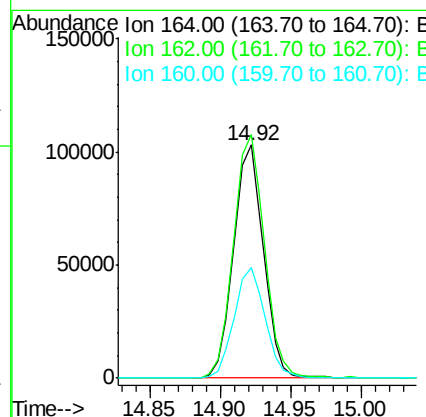
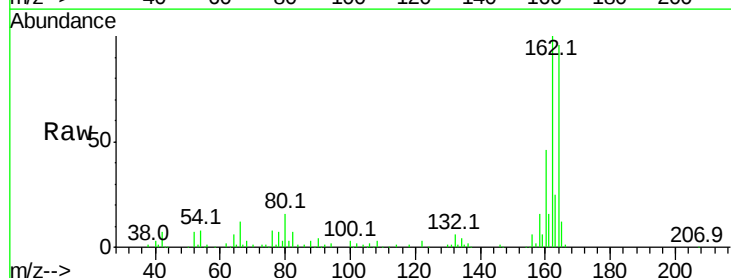
Instrument :
BNA_M
ClientSampleId :
212-72-11940-R4-VNJ-242

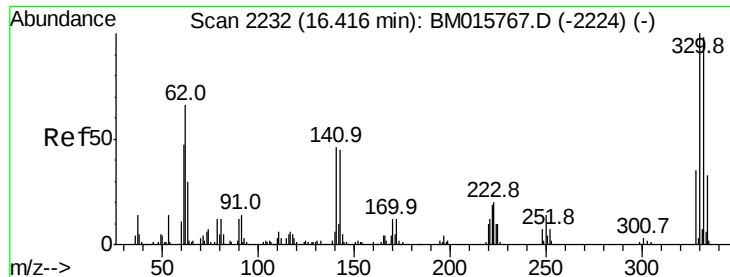
Tot Ion: 82 Resp: 577149
Ion Ratio Lower Upper
82 100
128 37.8 32.8 49.2
54 60.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

Tgt Ion:164 Resp: 152641
Ion Ratio Lower Upper
164 100
162 104.5 82.4 123.6
160 47.7 35.8 53.6

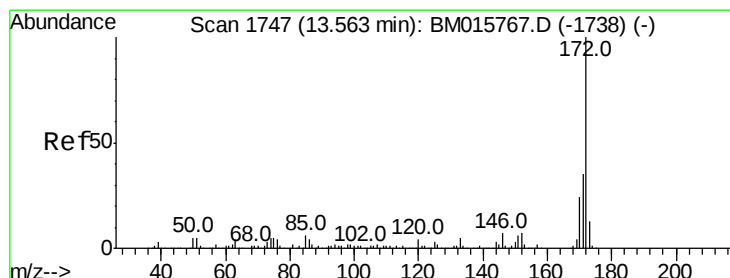
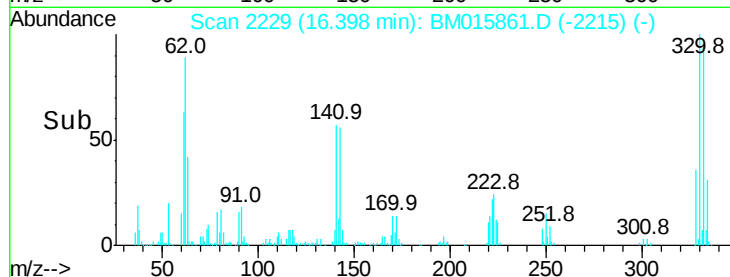
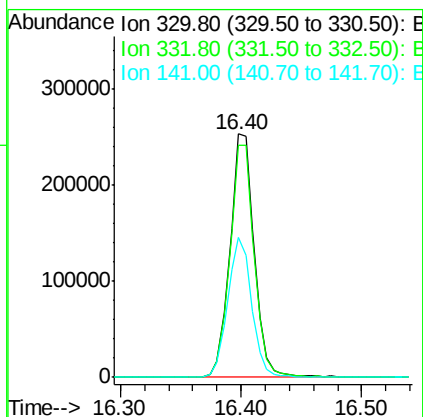
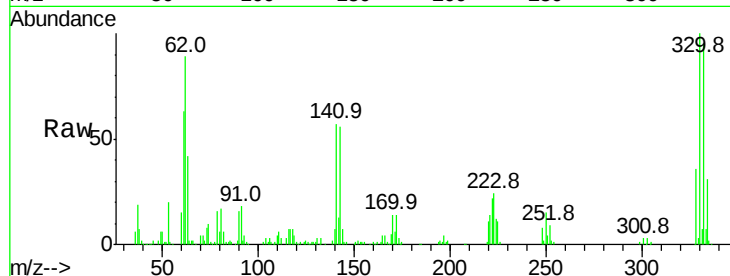




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015861.D
 Acq: 10 Jul 2018 02:59

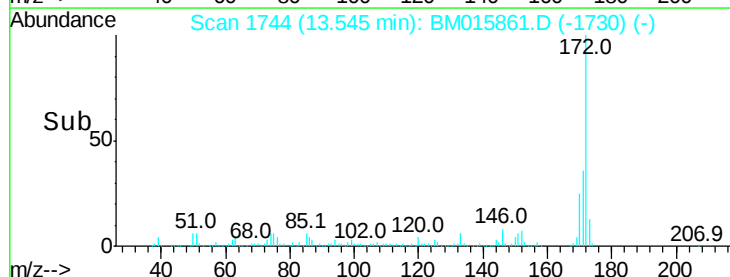
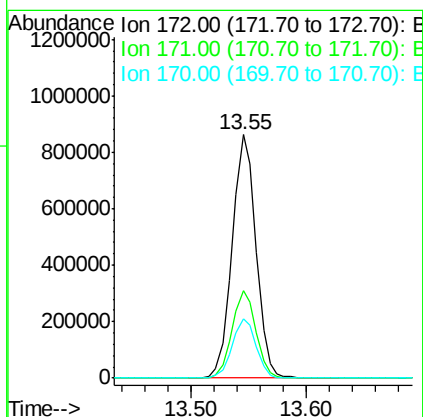
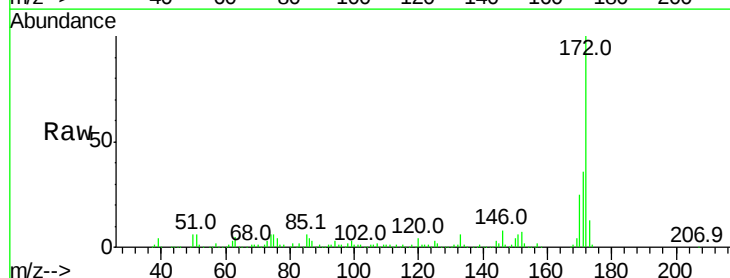
Instrument :
 BNA_M
 ClientSampleId :
 212-72-11940-R4-VNJ-242

Tot Ion:330 Resp: 354381
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 56.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015861.D
 Acq: 10 Jul 2018 02:59

Tgt Ion:172 Resp: 1230922
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.6 18.8 28.2

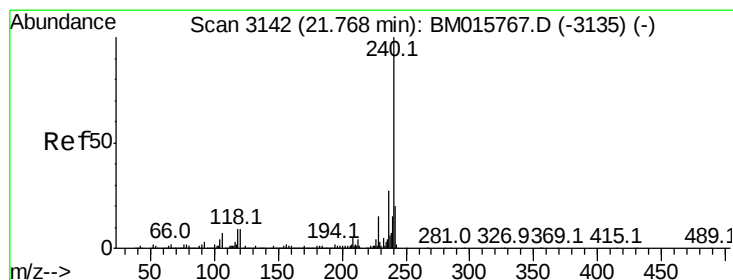
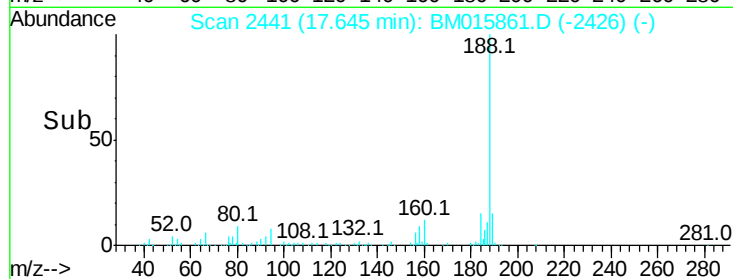
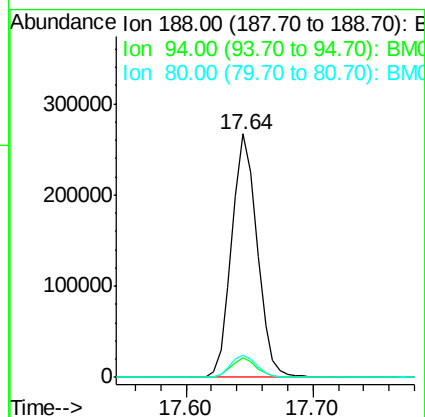
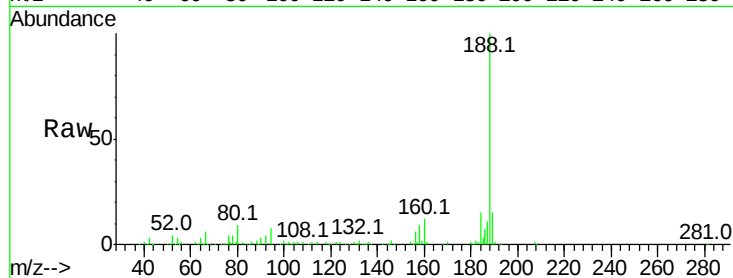




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

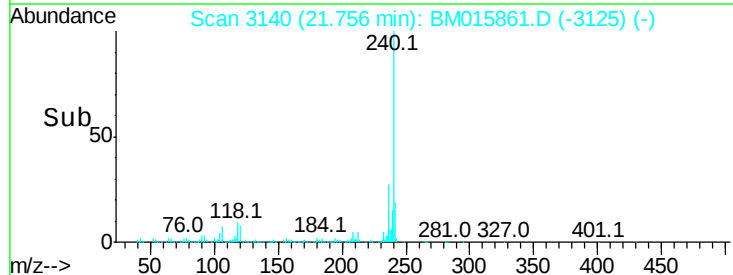
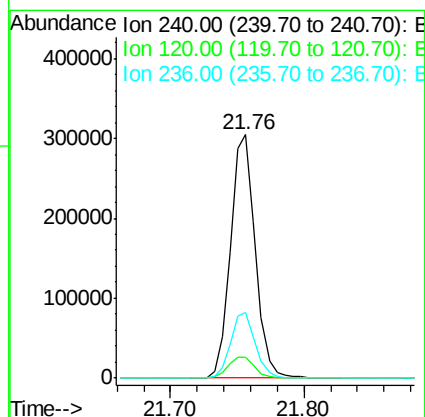
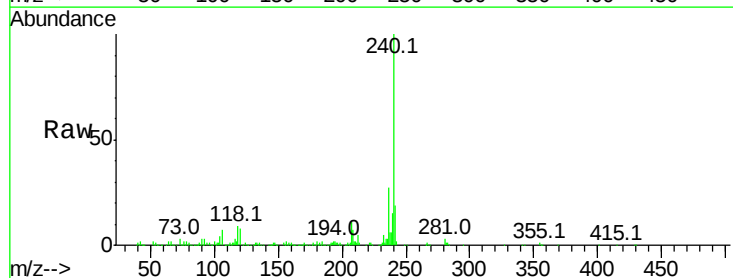
Instrument :
BNA_M
ClientSampleId :
212-72-11940-R4-VNJ-242

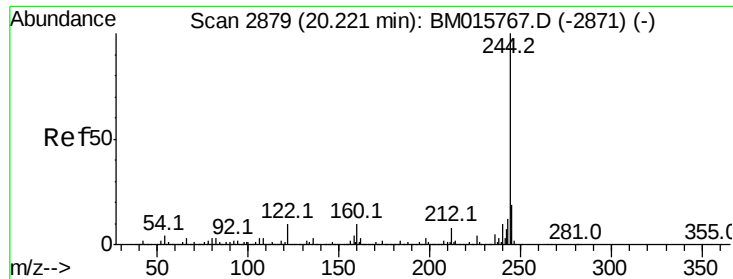
Tot Ion:188 Resp: 371438
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015861.D
Acq: 10 Jul 2018 02:59

Tgt Ion:240 Resp: 396149
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 26.7 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015861.D

Acq: 10 Jul 2018 02:59

Instrument :

BNA_M

ClientSampleId :

212-72-11940-R4-VNJ-242

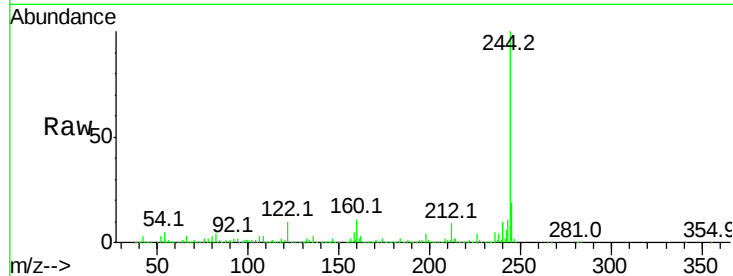
Tot Ion:244 Resp: 2518038

Ion Ratio Lower Upper

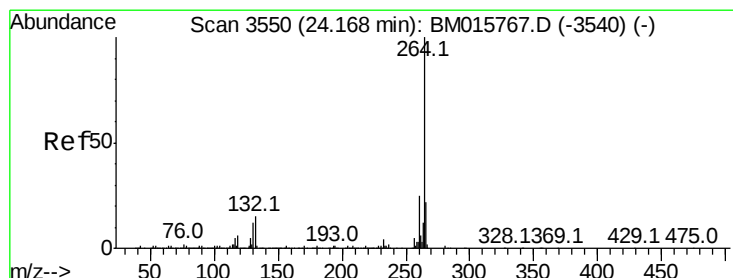
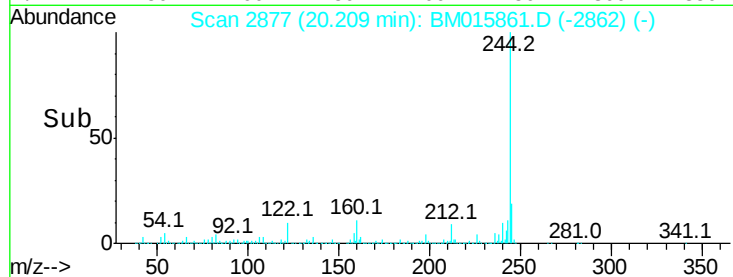
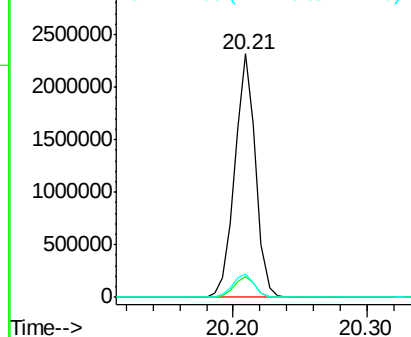
244 100

212 8.7 4.9 7.3#

122 9.8 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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015861.D

Acq: 10 Jul 2018 02:59

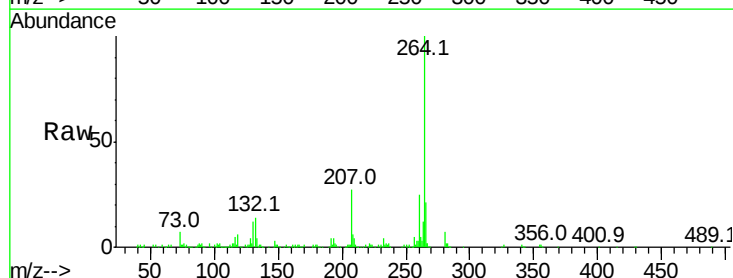
Tgt Ion:264 Resp: 390337

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 20.8 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

