

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015871.D
 Acq On : 10 Jul 2018 17:03
 Operator : SJ/JU
 Sample : J3827-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 11 03:45:33 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	87145	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	355681	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	212371	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	497893	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	455059	20.00	ng	-0.02
86) Perylene-d12	24.15	264	395873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	821363	161.64	ng	-0.01
7) Phenol-d6	7.45	99	1007649	144.85	ng	-0.01
23) Nitrobenzene-d5	9.49	82	798681	109.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	518084	186.70	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1728073	101.02	ng	-0.02
78) Terphenyl-d14	20.21	244	3407346	138.89	ng	-0.01

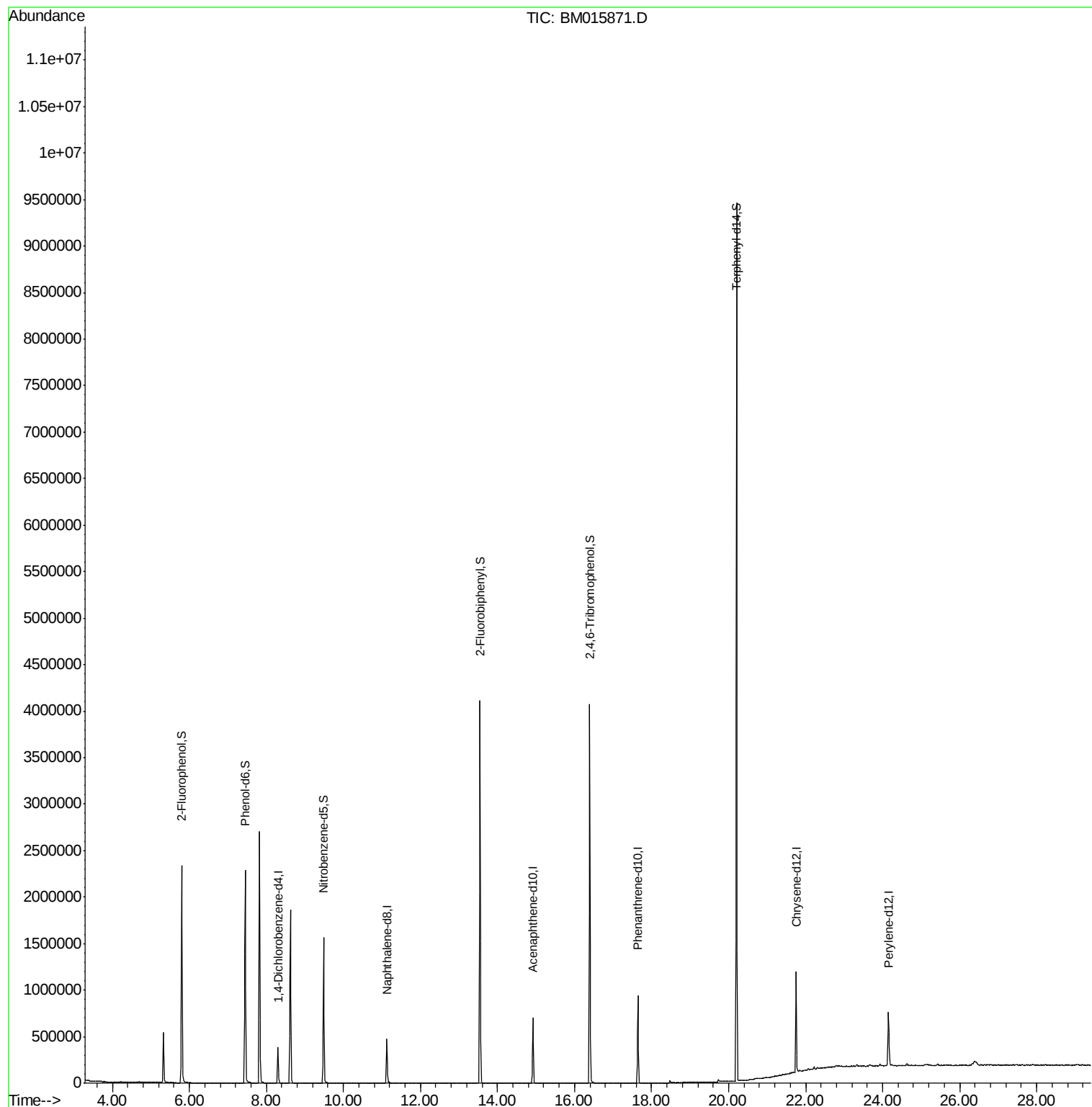
Target Compounds Qvalue

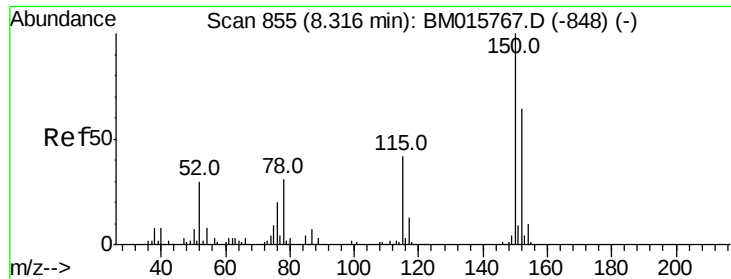
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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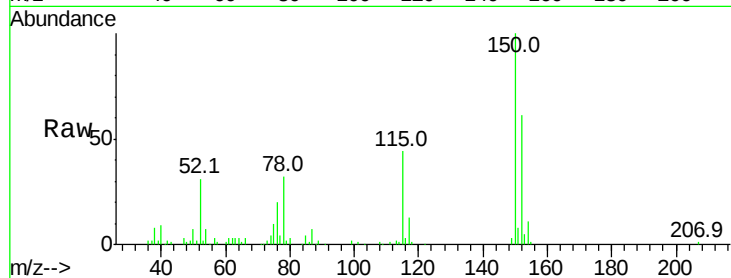


#1

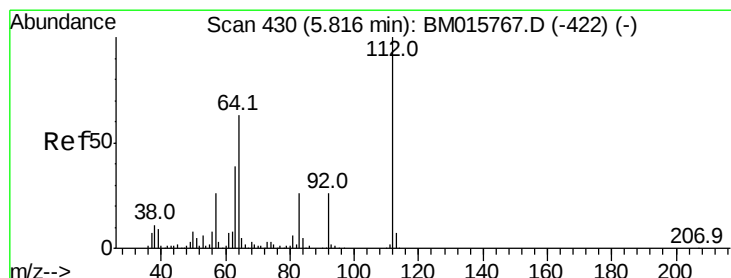
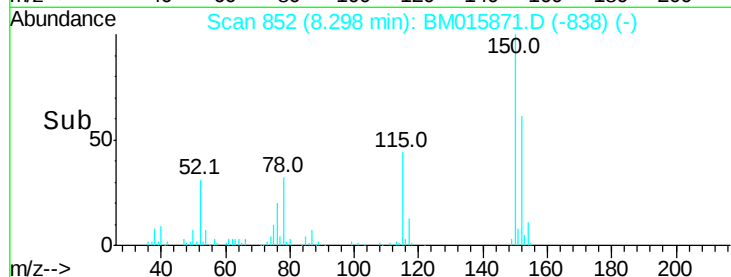
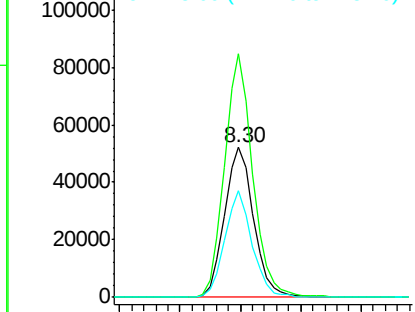
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
OR-03-070918

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	119.5	179.3
115	71.4	43.0	64.4



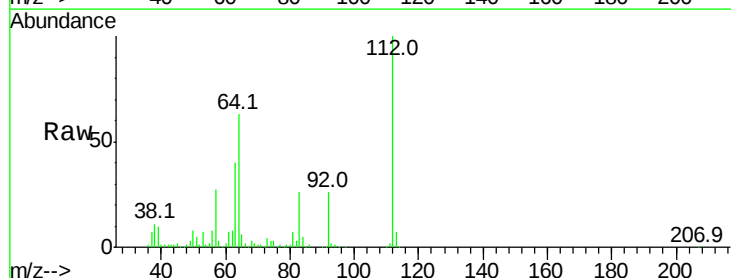
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



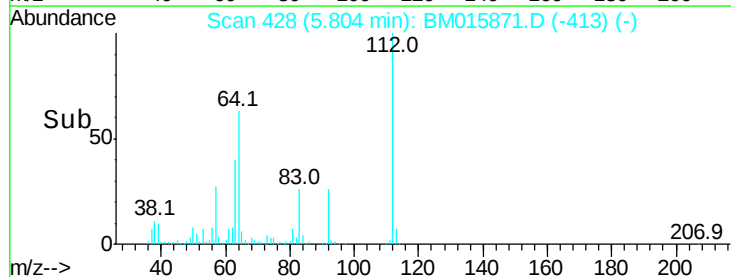
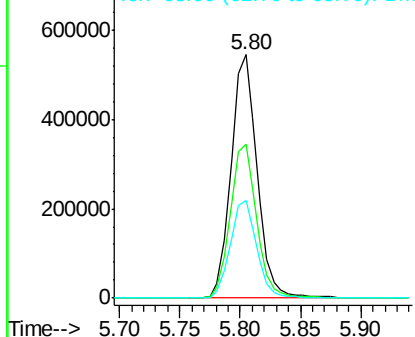
#5

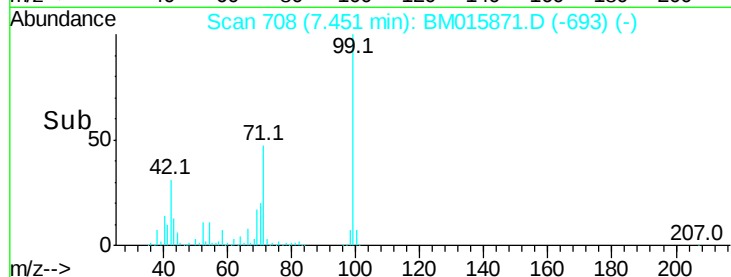
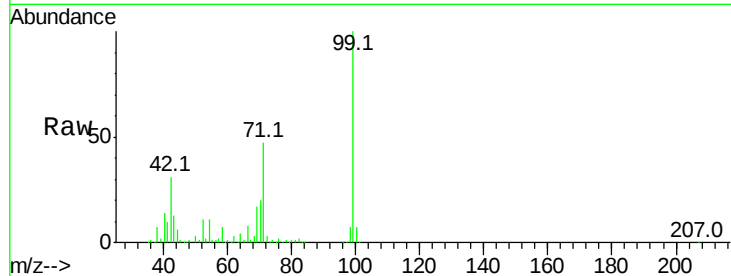
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	38.6	57.8
63	40.0	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# 708

Delta R.T. -0.01 min

Lab File: BM015871.D

Acq: 10 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleId :

OR-03-070918

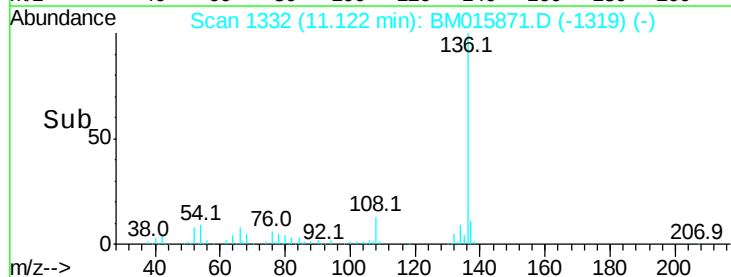
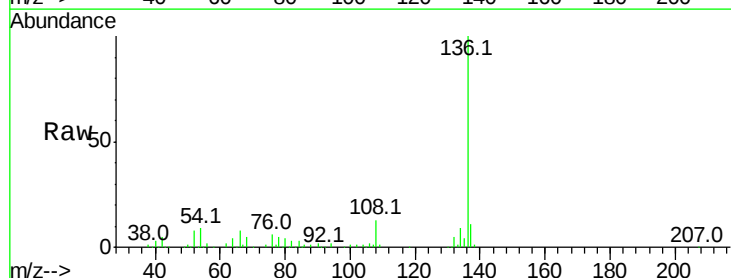
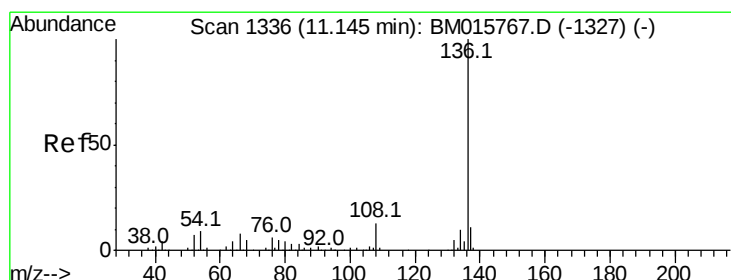
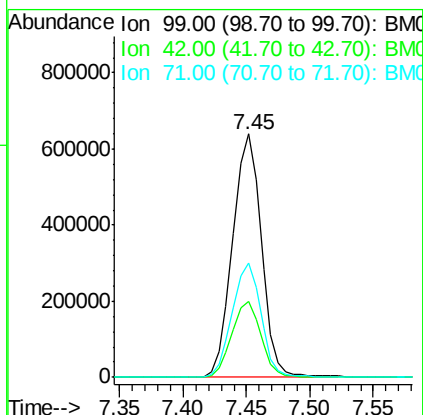
Tot Ion: 99 Resp: 1007649

Ion Ratio Lower Upper

99 100

42 31.1 11.0 16.4#

71 46.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015871.D

Acq: 10 Jul 2018 17:03

Tgt Ion: 136 Resp: 355681

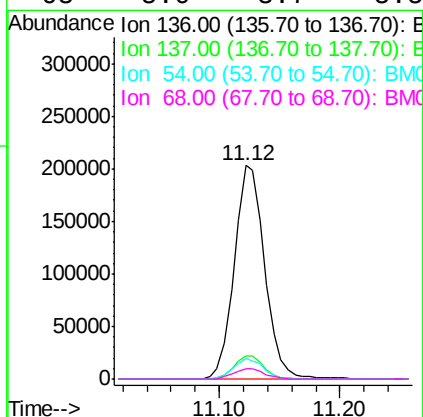
Ion Ratio Lower Upper

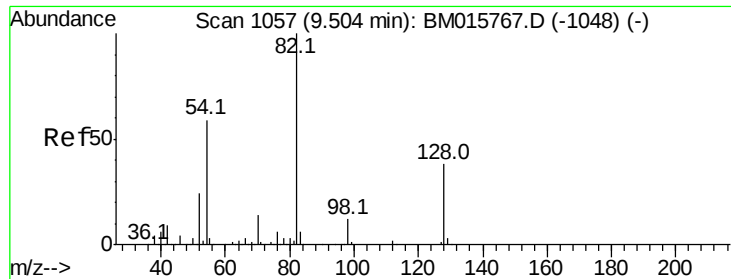
136 100

137 10.8 8.7 13.1

54 9.4 4.6 6.8#

68 5.0 3.7 5.5

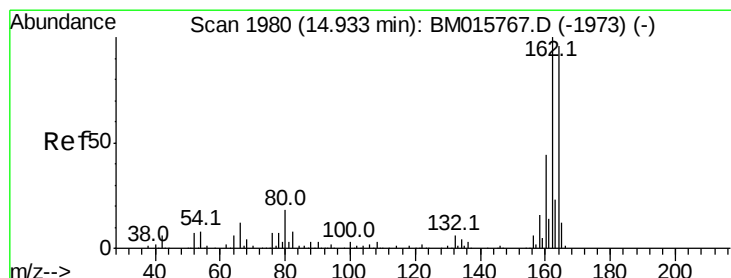
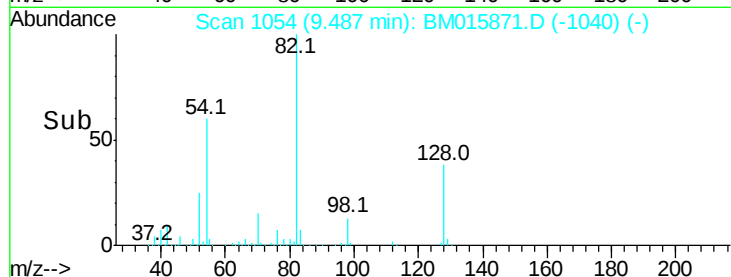
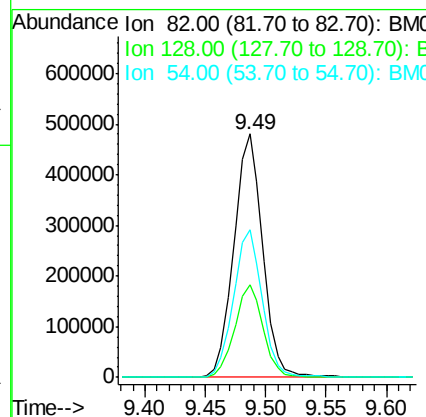
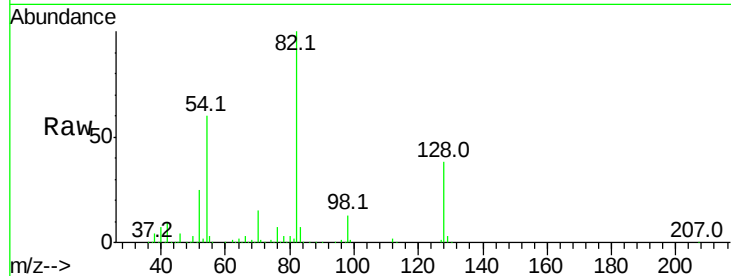




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

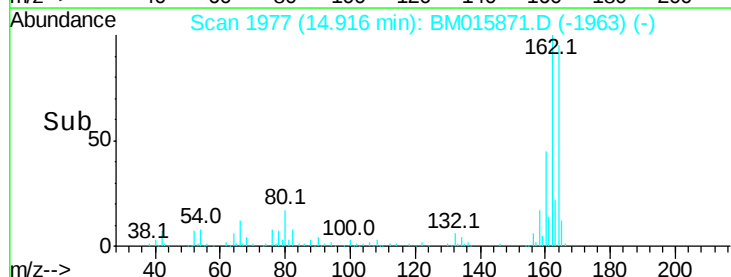
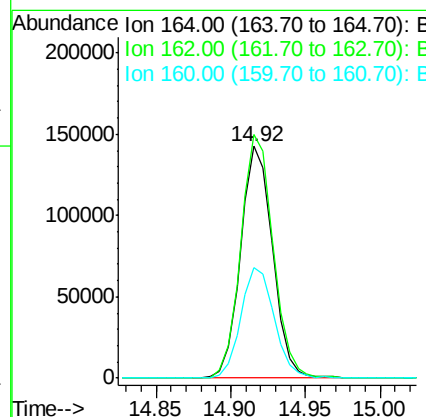
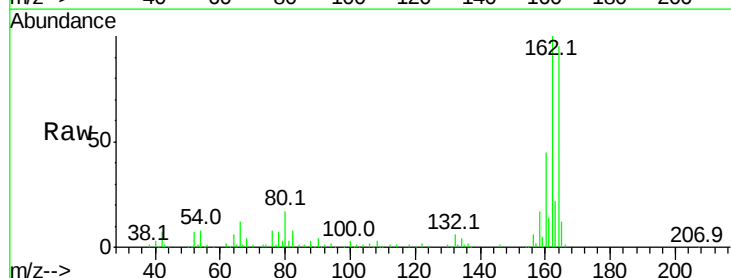
Instrument :
BNA_M
ClientSampleId :
OR-03-070918

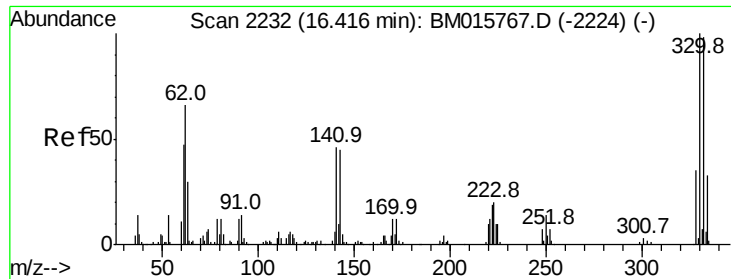
Tot Ion: 82 Resp: 798681
Ion Ratio Lower Upper
82 100
128 37.9 32.8 49.2
54 60.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

Tgt Ion:164 Resp: 212371
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 47.6 35.8 53.6

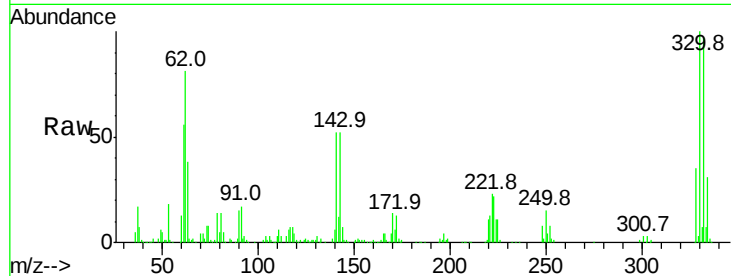




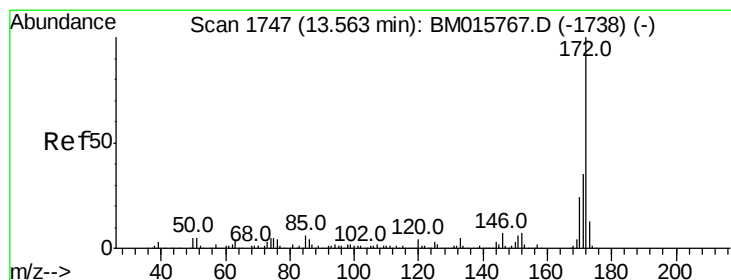
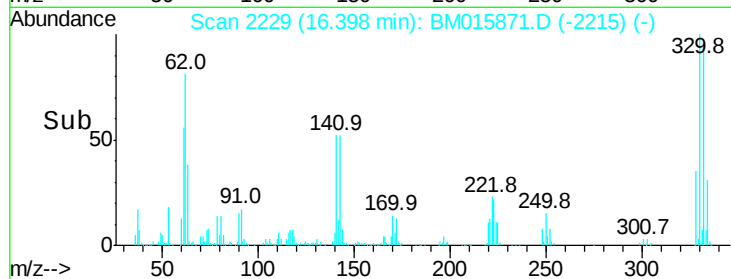
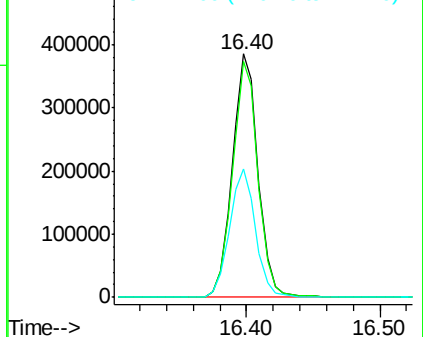
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015871.D
 Acq: 10 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918

Tot Ion:330 Resp: 518084
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 53.5 0.0 0.0#

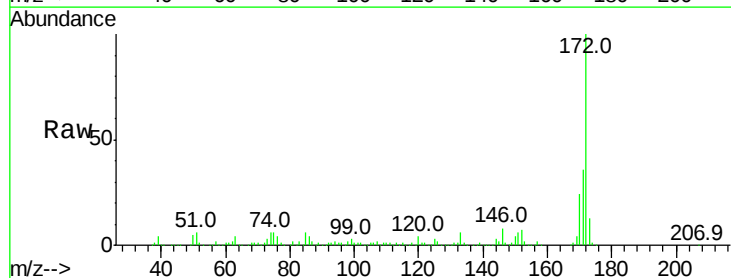


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

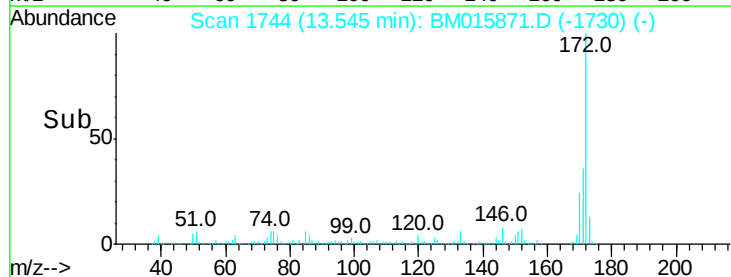
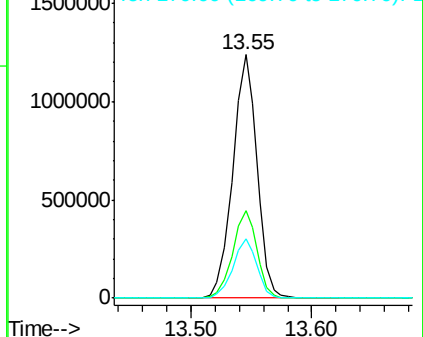


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015871.D
 Acq: 10 Jul 2018 17:03

Tgt Ion:172 Resp: 1728073
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.5 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

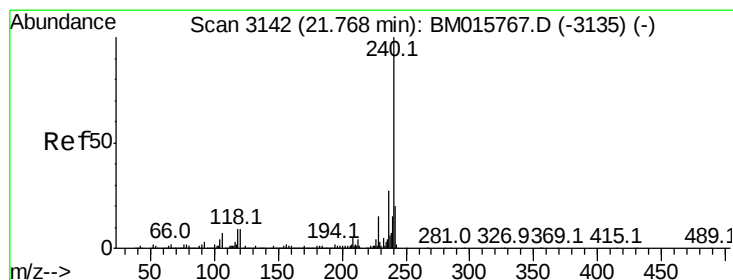
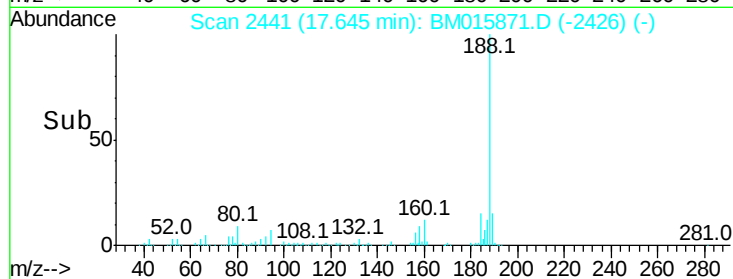
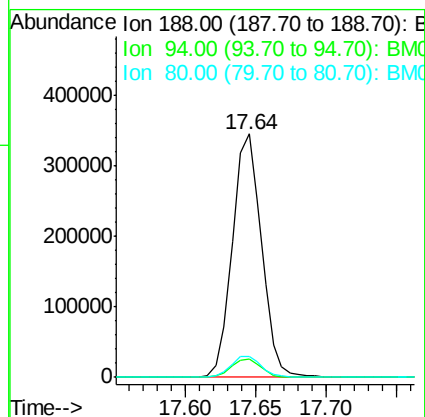
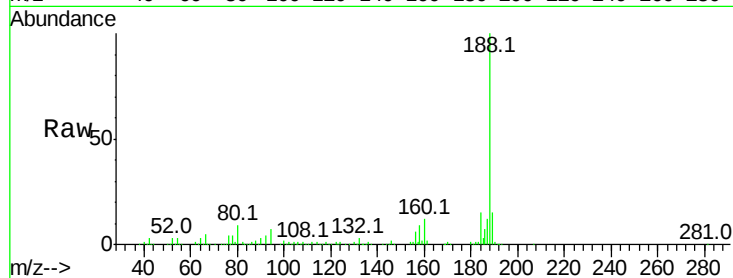




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

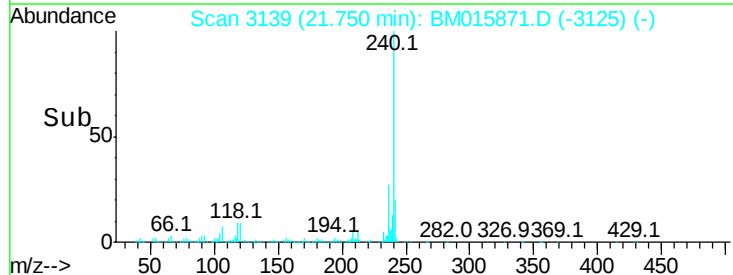
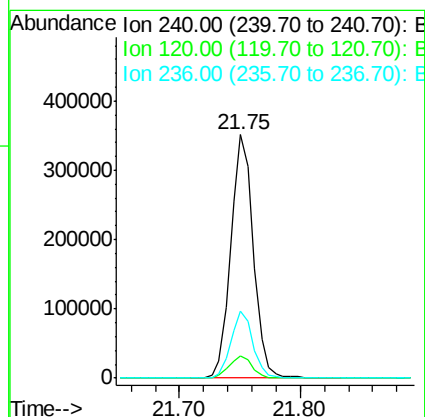
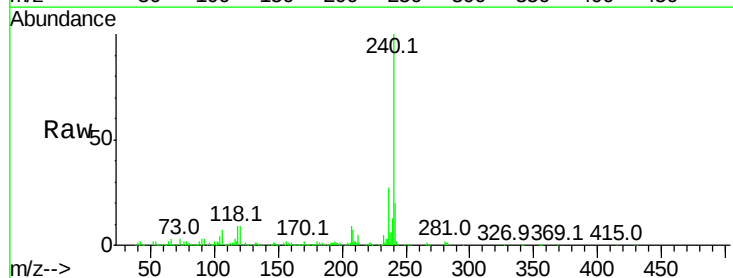
Instrument :
BNA_M
ClientSampleId :
OR-03-070918

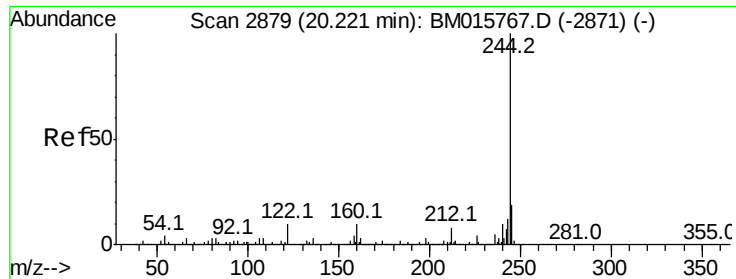
Tot Ion:188 Resp: 497893
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015871.D
Acq: 10 Jul 2018 17:03

Tgt Ion:240 Resp: 455059
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 27.5 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015871.D

Acq: 10 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleId :

OR-03-070918

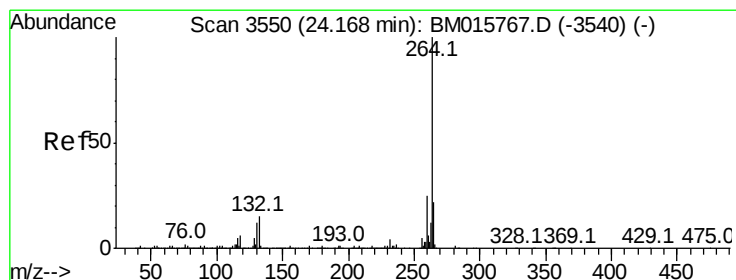
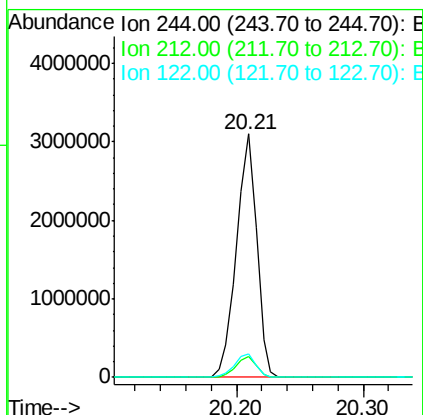
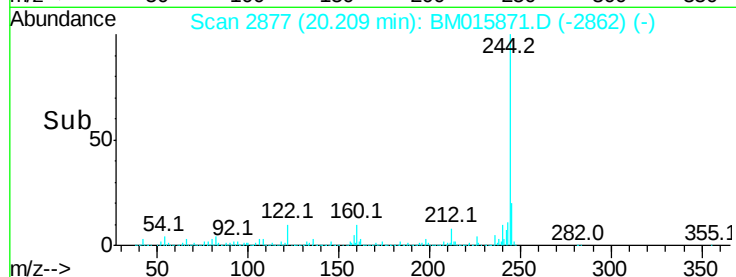
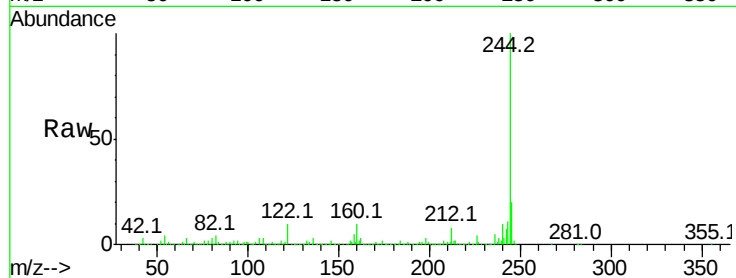
Tot Ion:244 Resp: 3407346

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

122 9.7 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015871.D

Acq: 10 Jul 2018 17:03

Tgt Ion:264 Resp: 395873

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 22.1 17.3 25.9

