

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015907.D
 Acq On : 12 Jul 2018 10:18
 Operator : SJ/JU
 Sample : J3832-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-071018

Quant Time: Jul 12 10:55:48 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	66598	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	248226	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	127588	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	265953	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	241979	20.00	ng	-0.02
86) Perylene-d12	24.14	264	251117	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	587557	151.30	ng	-0.02
7) Phenol-d6	7.44	99	660761	124.29	ng	-0.02
23) Nitrobenzene-d5	9.47	82	592840	116.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	268548	161.09	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1160814	112.95	ng	-0.03
78) Terphenyl-d14	20.20	244	1589178	121.82	ng	-0.02

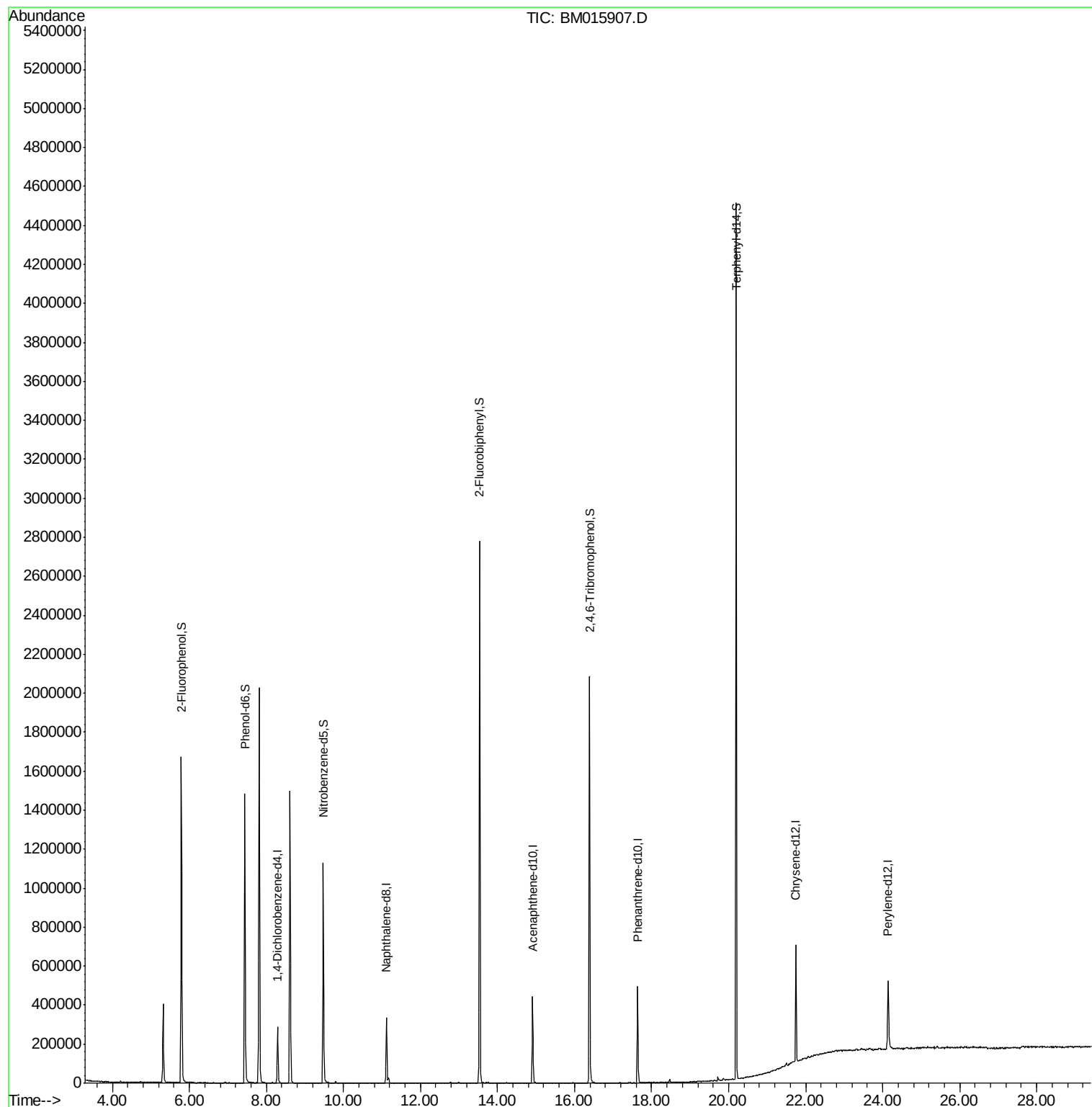
Target Compounds Qvalue

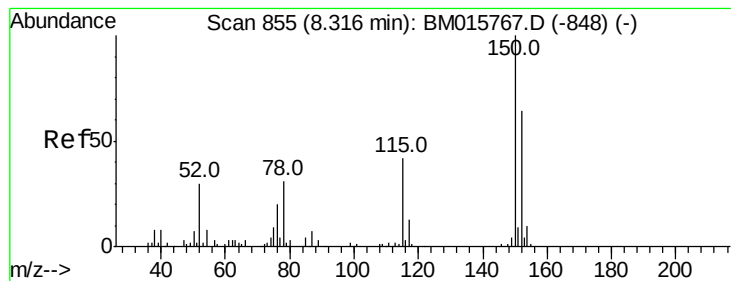
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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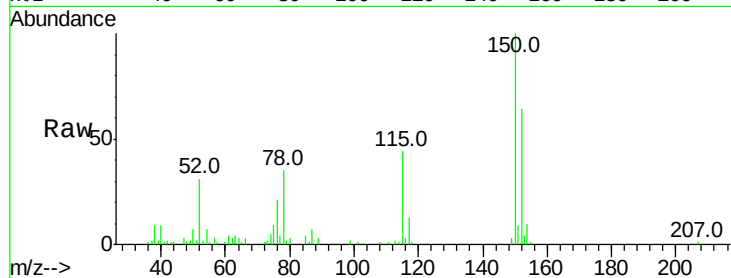


#1

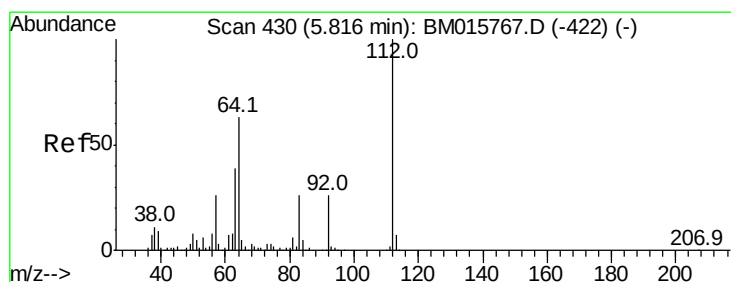
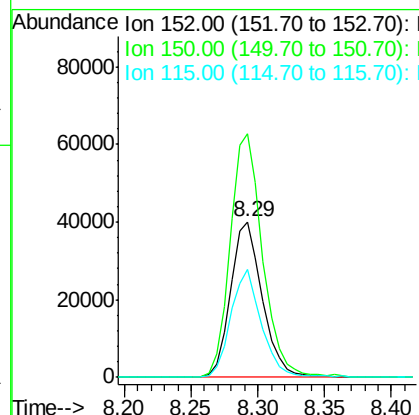
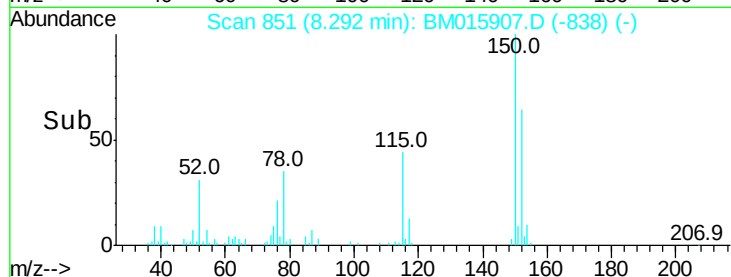
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015907.D
Acq: 12 Jul 2018 10:18

Instrument :
BNA_M
ClientSampleId :
TR-05-071018

Tot Ion:152 Resp: 66598
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 69.1 43.0 64.4#



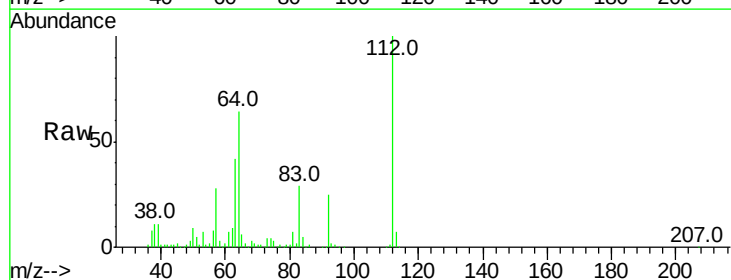
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



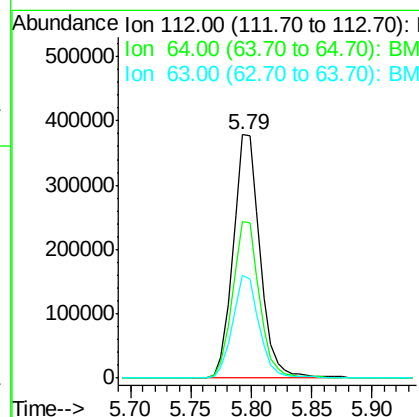
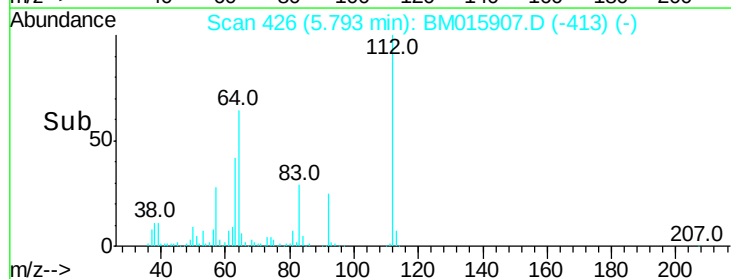
#5

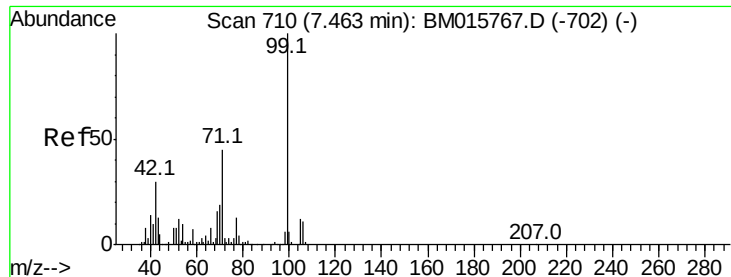
2-Fluorophenol
Concen: Below ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015907.D
Acq: 12 Jul 2018 10:18

Tgt Ion:112 Resp: 587557
Ion Ratio Lower Upper
112 100
64 64.5 38.6 57.8#
63 42.4 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: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015907.D

Acq: 12 Jul 2018 10:18

Instrument :

BNA_M

ClientSampleId :

TR-05-071018

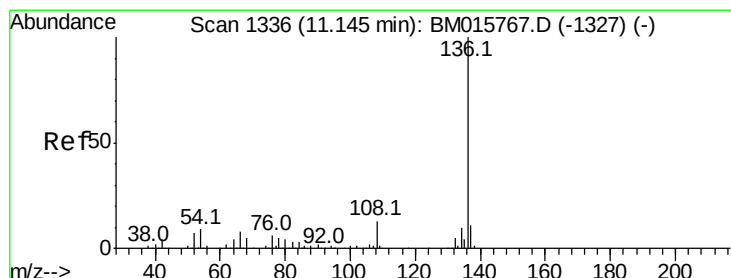
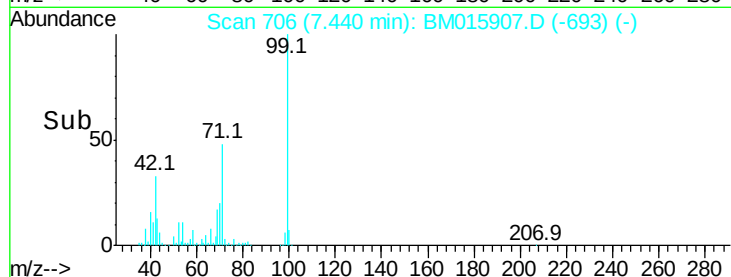
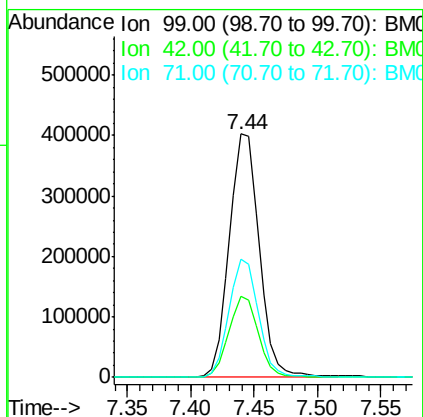
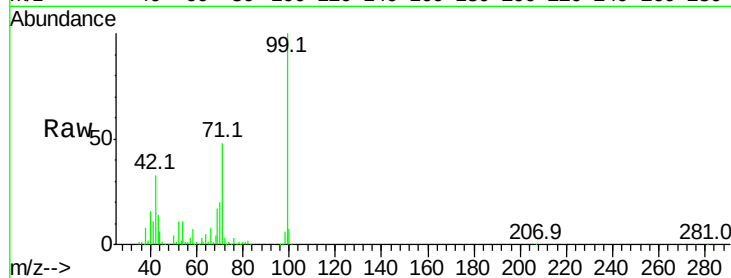
Tot Ion: 99 Resp: 660761

Ion Ratio Lower Upper

99 100

42 33.1 11.0 16.4#

71 48.4 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: BM015907.D

Acq: 12 Jul 2018 10:18

Tgt Ion: 136 Resp: 248226

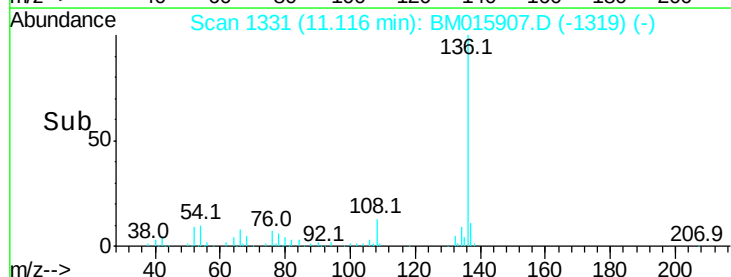
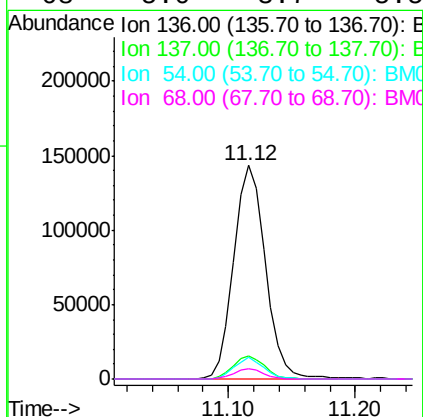
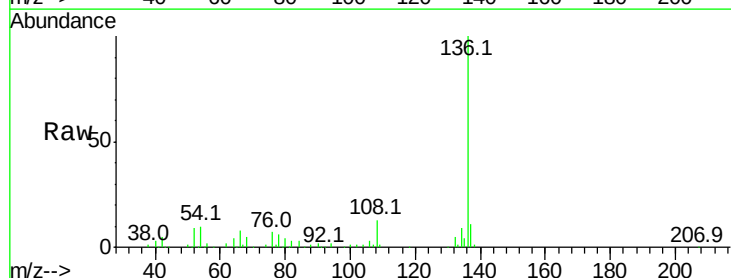
Ion Ratio Lower Upper

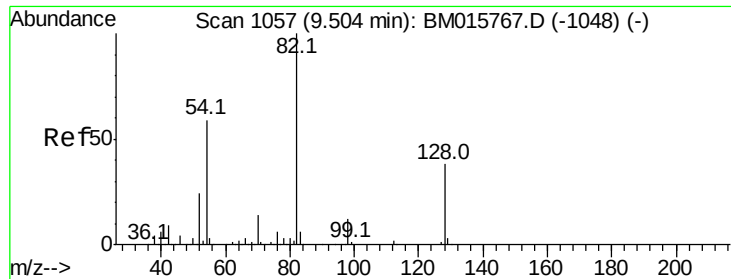
136 100

137 11.1 8.7 13.1

54 10.0 4.6 6.8#

68 5.0 3.7 5.5

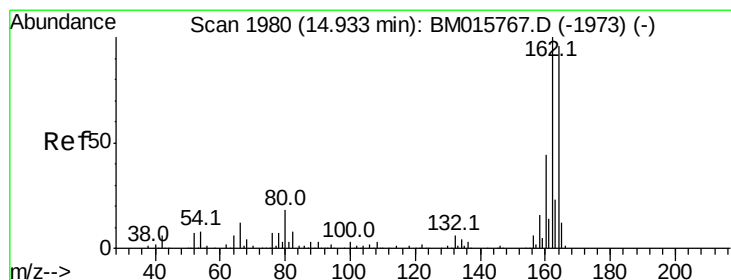
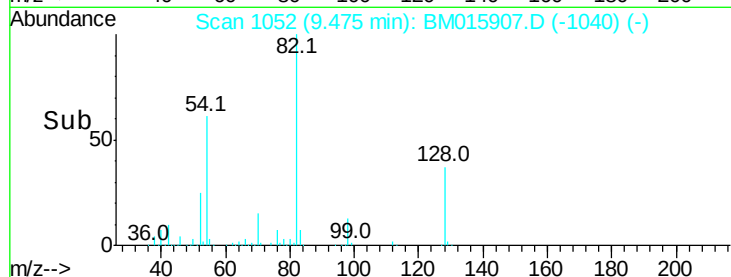
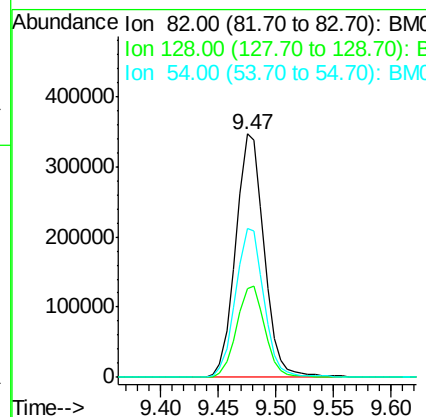
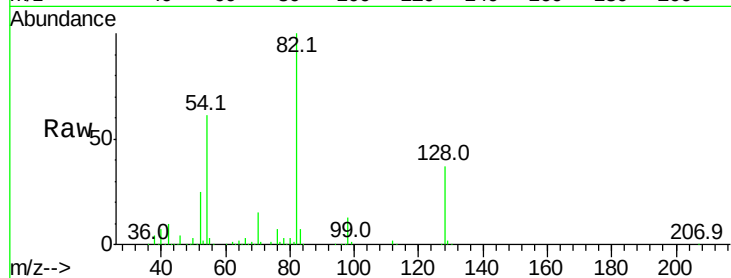




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015907.D
 Acq: 12 Jul 2018 10:18

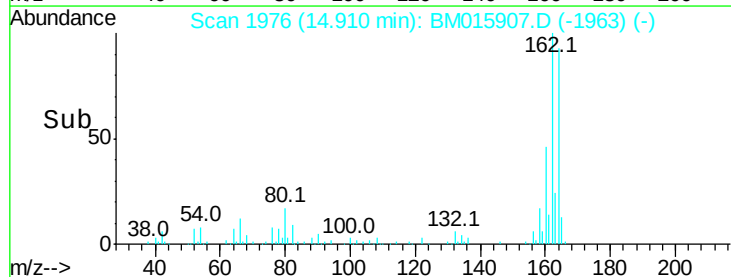
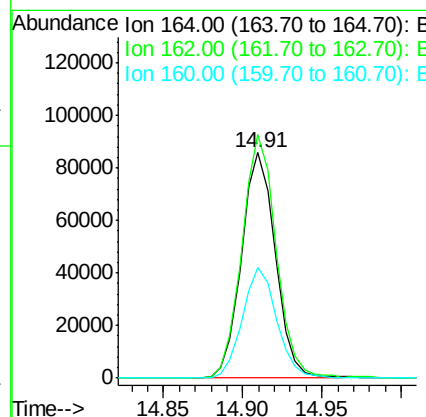
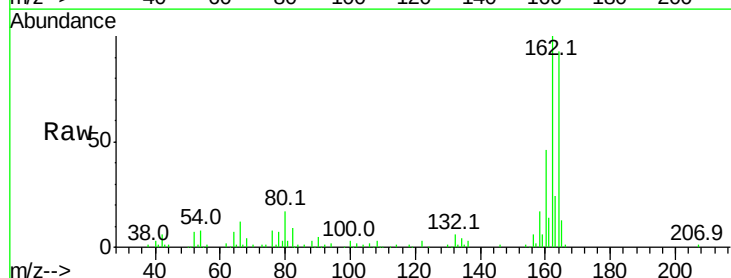
Instrument :
 BNA_M
 ClientSampleId :
 TR-05-071018

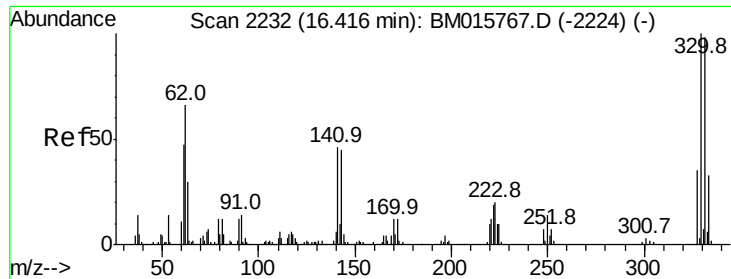
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	61.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015907.D
 Acq: 12 Jul 2018 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.4	123.6
160	49.3	35.8	53.6

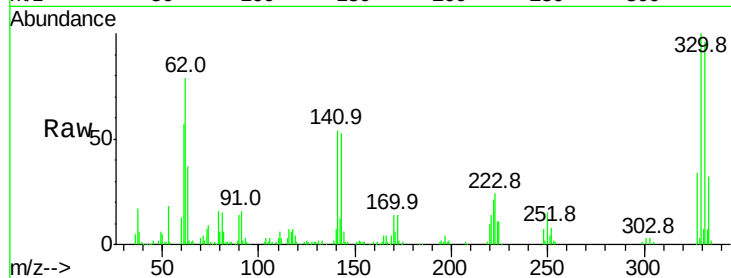




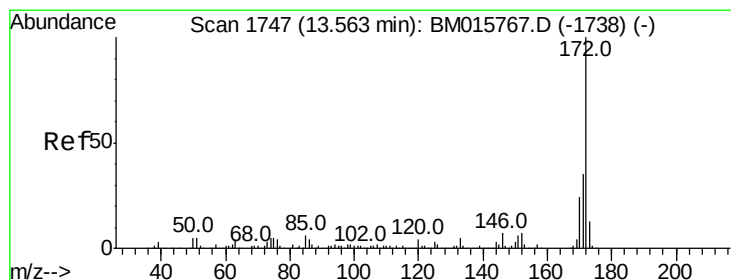
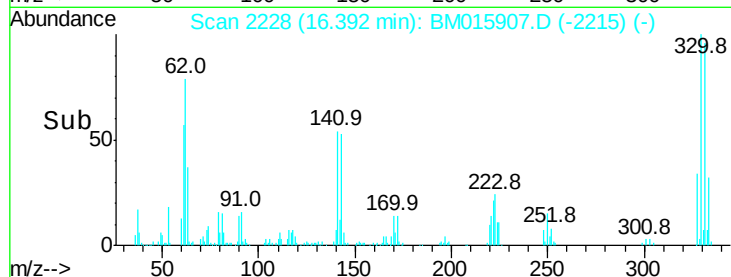
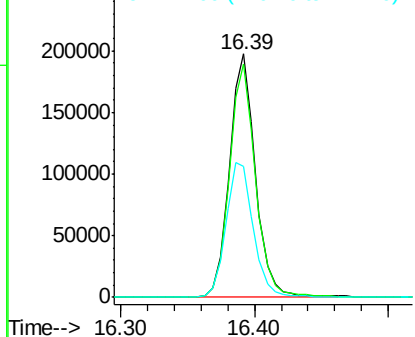
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015907.D
 Acq: 12 Jul 2018 10:18

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-071018

Tot Ion:330 Resp: 268548
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 58.8 0.0 0.0#

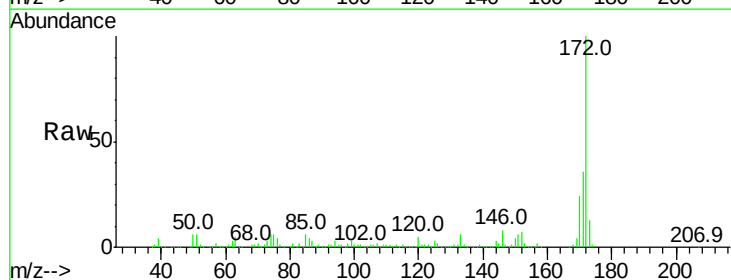


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

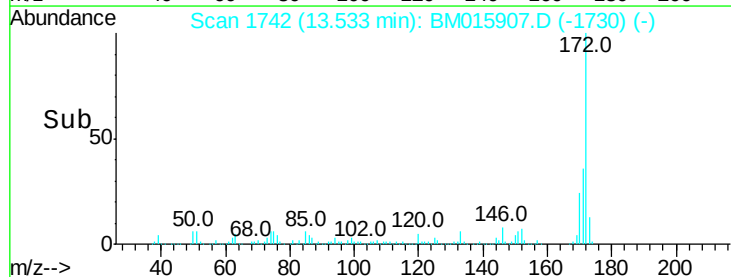
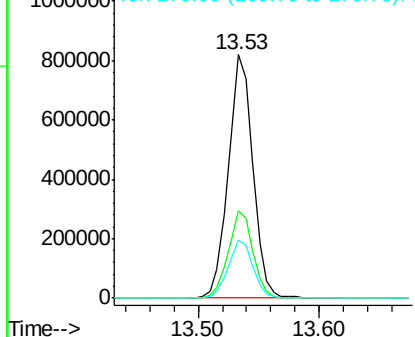


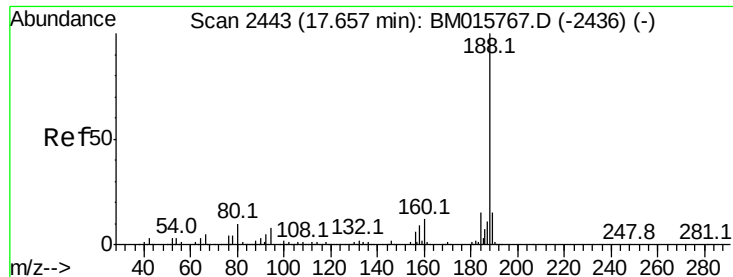
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015907.D
 Acq: 12 Jul 2018 10:18

Tgt Ion:172 Resp: 1160814
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 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

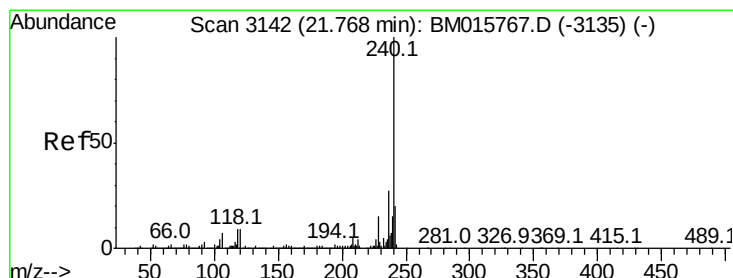
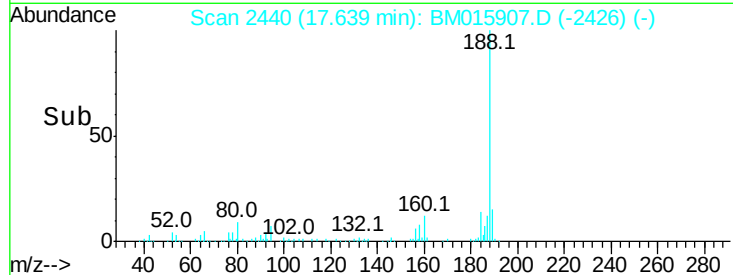
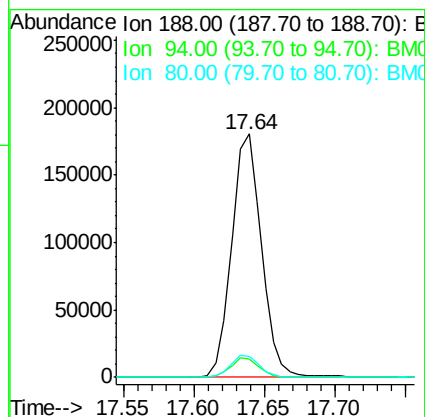
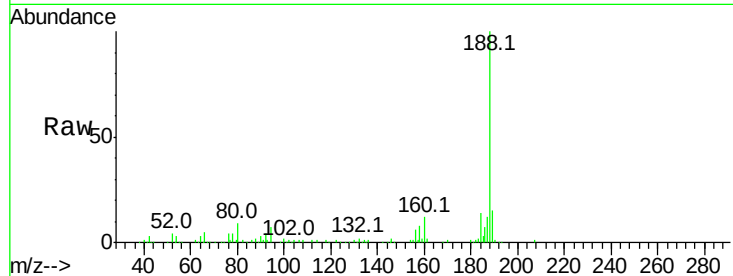




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015907.D
Acq: 12 Jul 2018 10:18

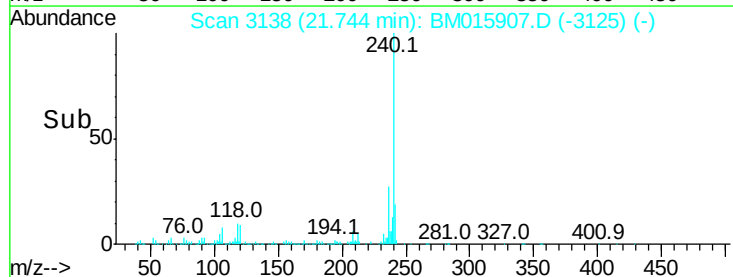
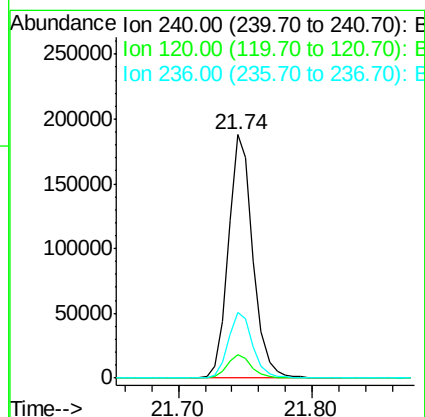
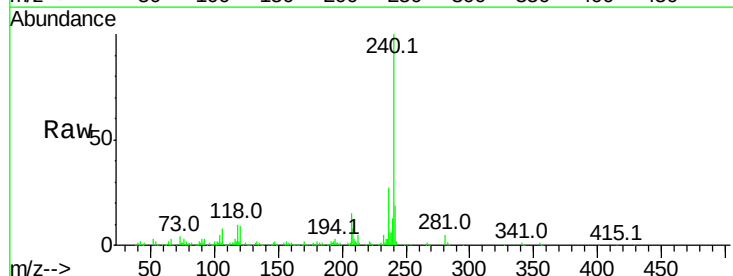
Instrument :
BNA_M
ClientSampleId :
TR-05-071018

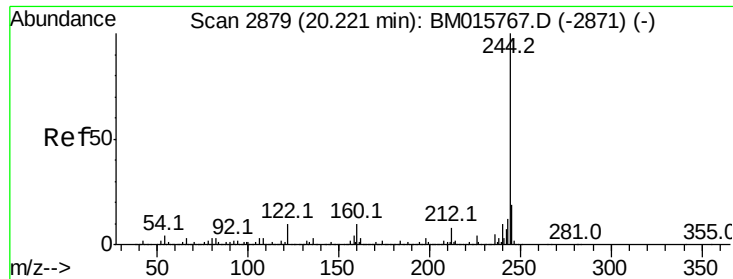
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015907.D
Acq: 12 Jul 2018 10:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	27.1	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: BM015907.D

Acq: 12 Jul 2018 10:18

Instrument :

BNA_M

ClientSampleId :

TR-05-071018

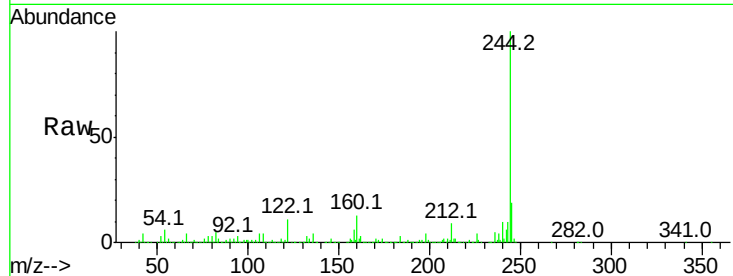
Tot Ion:244 Resp: 1589178

Ion Ratio Lower Upper

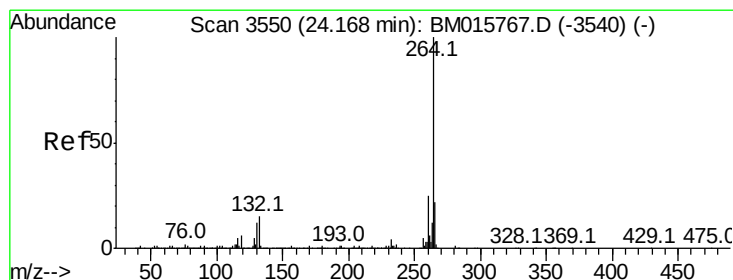
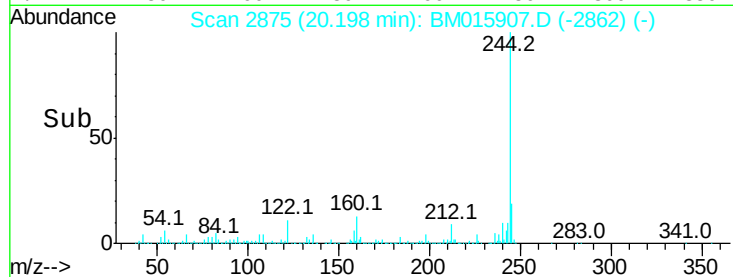
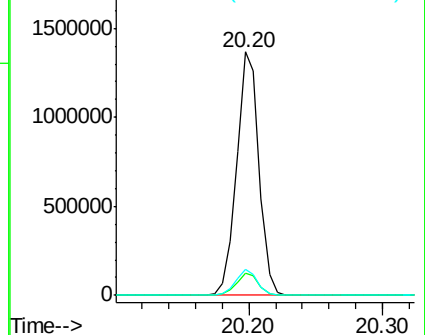
244 100

212 9.3 4.9 7.3#

122 10.5 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: BM015907.D

Acq: 12 Jul 2018 10:18

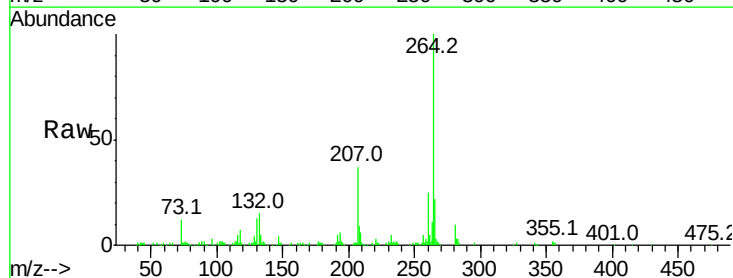
Tgt Ion:264 Resp: 251117

Ion Ratio Lower Upper

264 100

260 25.5 18.6 27.8

265 21.8 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

