

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016221.D
 Acq On : 07 Aug 2018 09:51
 Operator : SJ/JU
 Sample : J4332-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 080118-TIPC-F-U-S

Quant Time: Aug 07 13:03:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 13:02:43 2018
 Response via : Initial Calibration

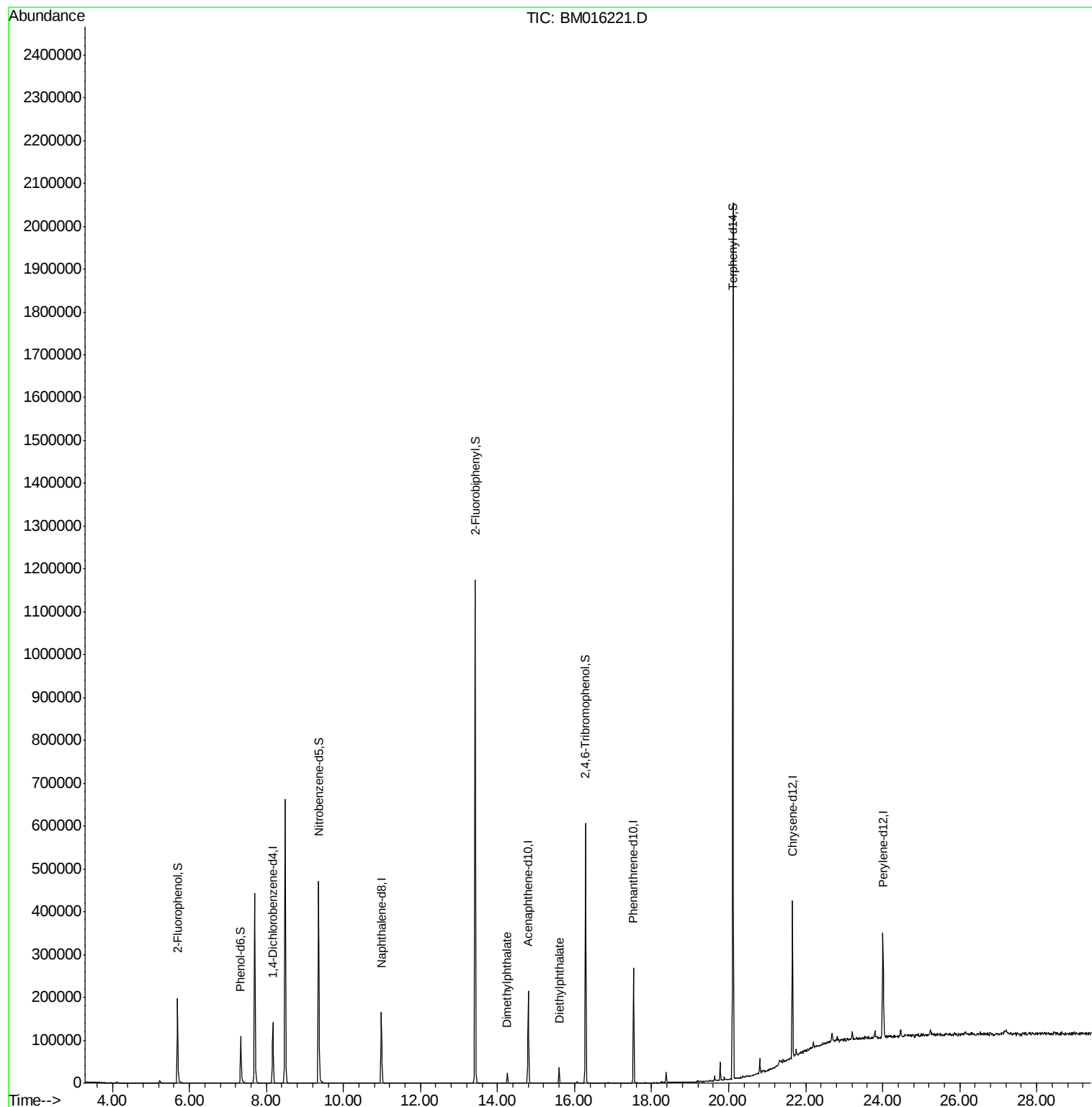
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	30617	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	115130	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	58822	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	127696	20.00	ng	0.00
75) Chrysene-d12	21.66	240	139865	20.00	ng	0.00
86) Perylene-d12	24.01	264	153416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	70764	38.39	ng	0.00
7) Phenol-d6	7.33	99	50384	20.93	ng	0.00
23) Nitrobenzene-d5	9.35	82	236929	95.72	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	59397	79.61	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	453678	93.84	ng	0.00
78) Terphenyl-d14	20.11	244	631351	94.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	14689	2.853	ng	Qvalue # 98
59) Diethylphthalate	15.60	149	18300	3.298	ng	# 92

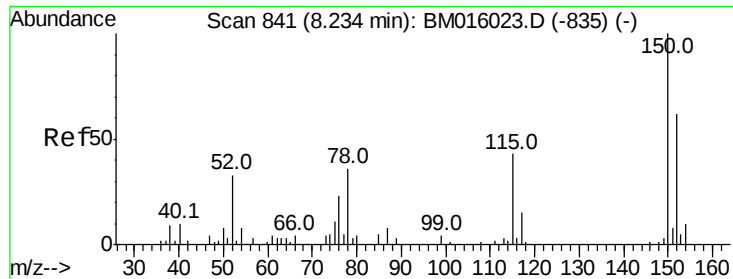
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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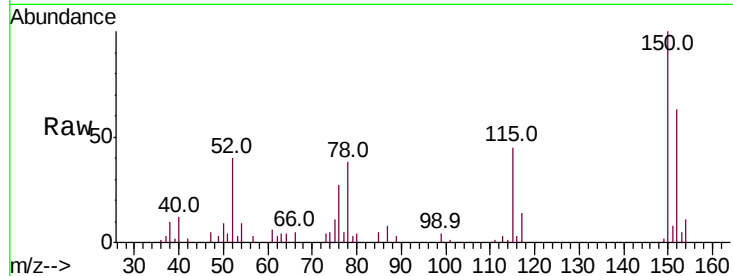


#1

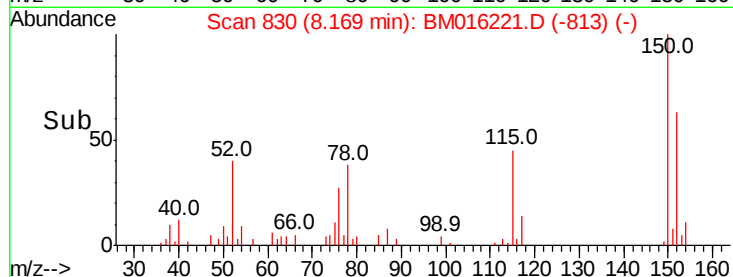
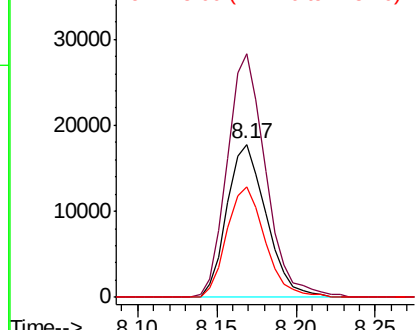
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Instrument :
BNA_M
ClientSampleId :
080118-TIPC-F-U-S

Tot Ion:152 Resp: 30617
Ion Ratio Lower Upper
152 100
150 159.1 119.5 179.3
115 72.3 43.0 64.4#



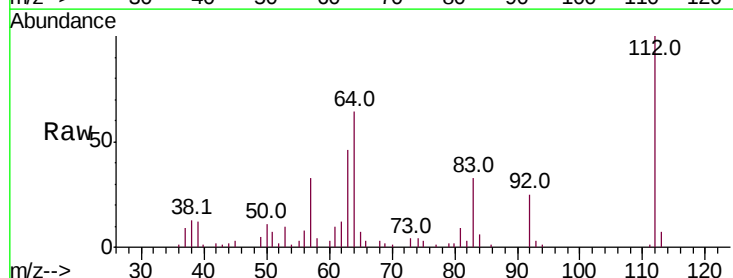
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



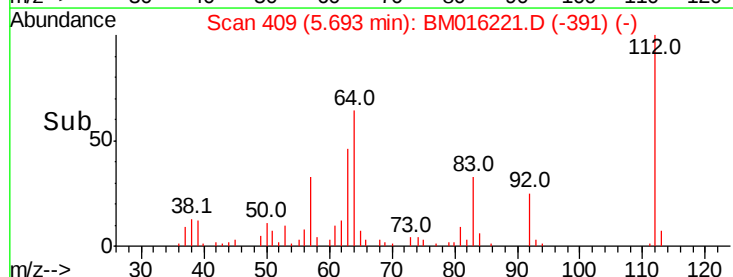
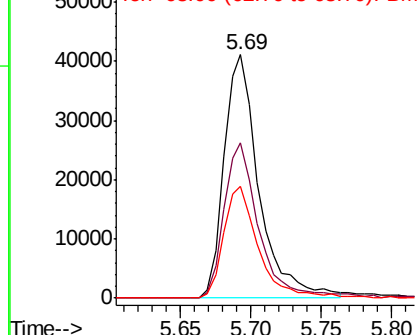
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Tgt Ion:112 Resp: 70764
Ion Ratio Lower Upper
112 100
64 63.9 38.6 57.8#
63 46.0 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: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM016221.D

Acq: 07 Aug 2018 09:51

Instrument :

BNA_M

ClientSampleId :

080118-TIPC-F-U-S

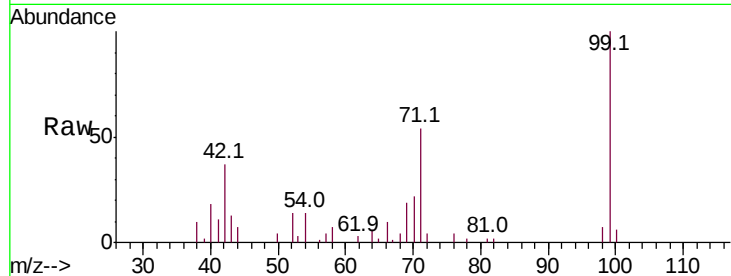
Tot Ion: 99 Resp: 50384

Ion Ratio Lower Upper

99 100

42 37.1 11.0 16.4#

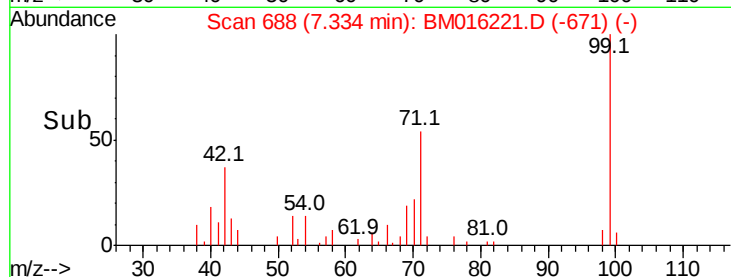
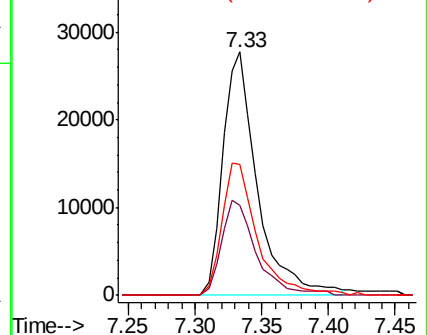
71 53.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BM016221.D

Acq: 07 Aug 2018 09:51

Tgt Ion: 136 Resp: 115130

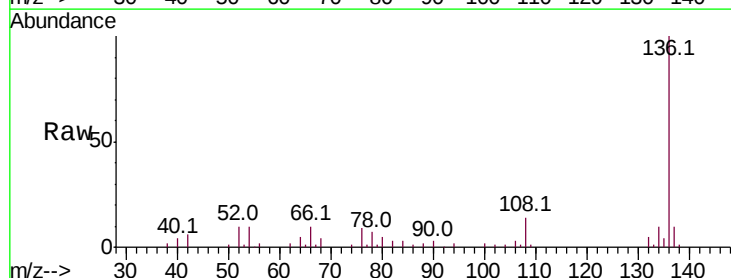
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 10.1 4.6 6.8#

68 4.5 3.7 5.5

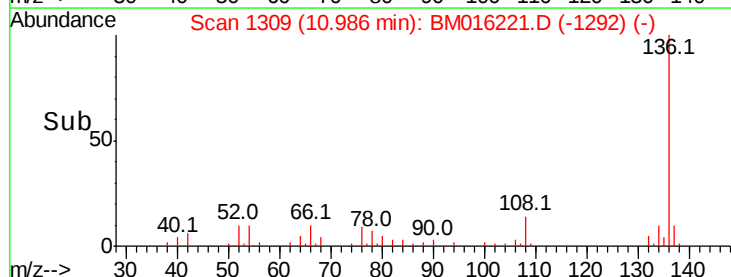
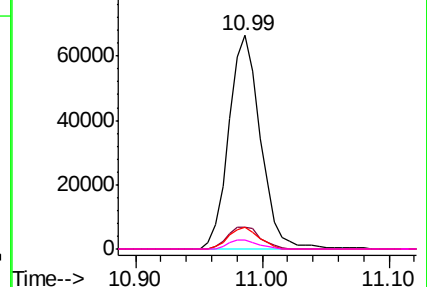


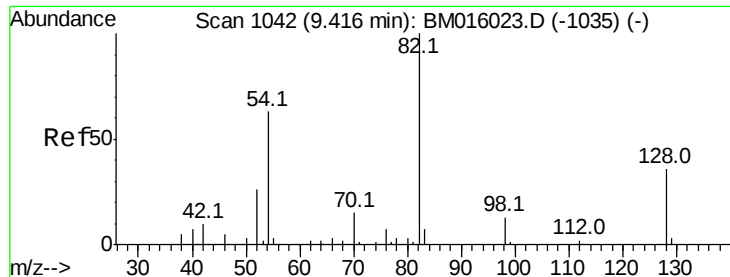
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

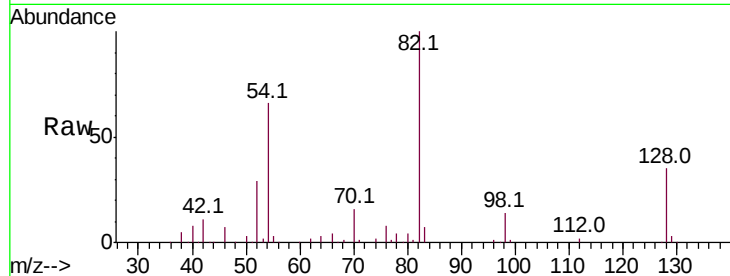




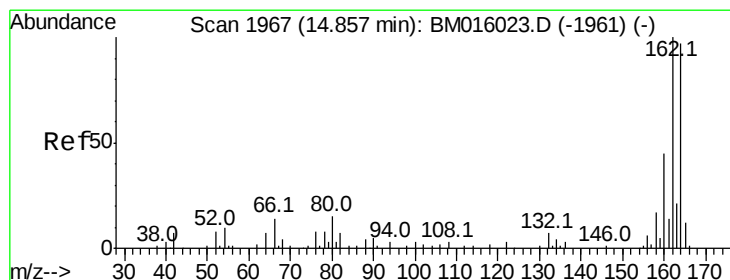
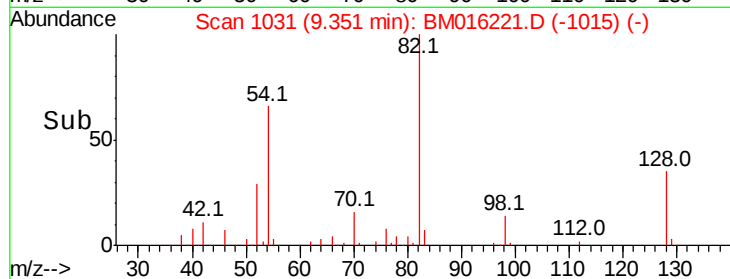
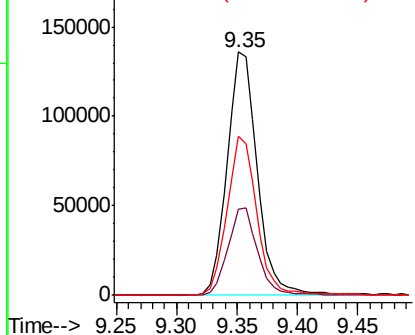
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Instrument :
BNA_M
ClientSampleId :
080118-TIPC-F-U-S

Tot Ion: 82 Resp: 236929
Ion Ratio Lower Upper
82 100
128 35.4 32.8 49.2
54 65.6 40.6 60.8#

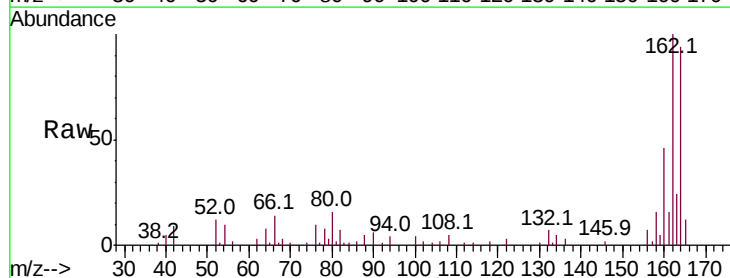


Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

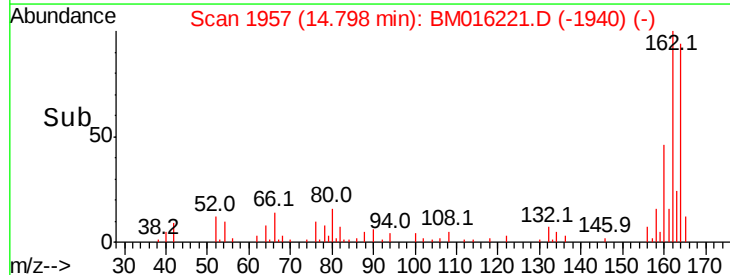
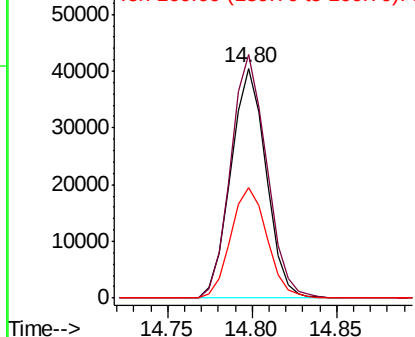


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Tgt Ion:164 Resp: 58822
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 48.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

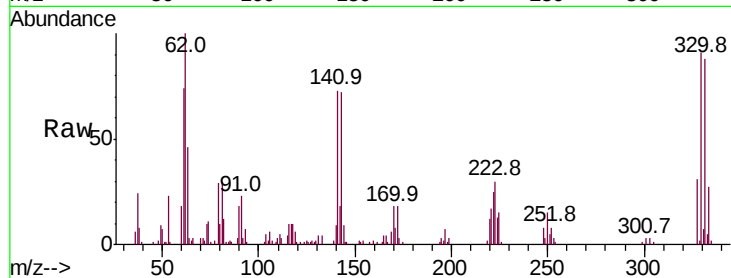




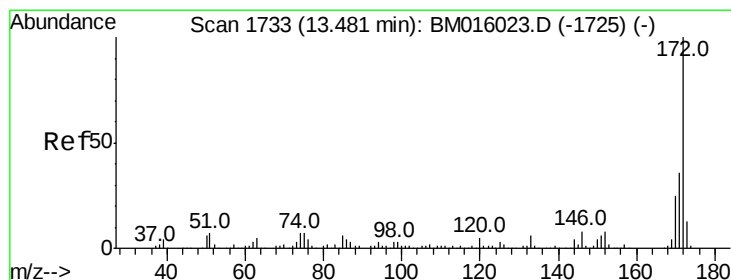
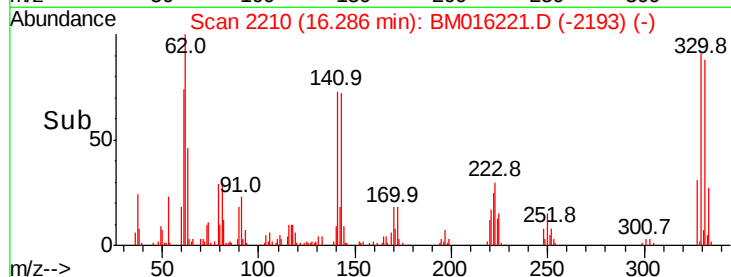
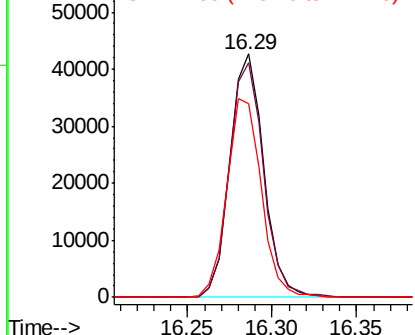
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BM016221.D
 Acq: 07 Aug 2018 09:51

Instrument :
 BNA_M
 ClientSampleId :
 080118-TIPC-F-U-S

Tot Ion:330 Resp: 59397
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 83.3 0.0 0.0#

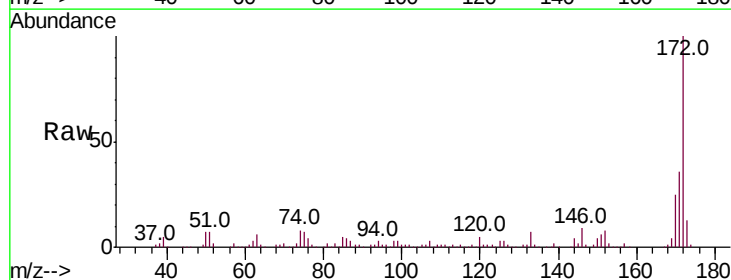


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

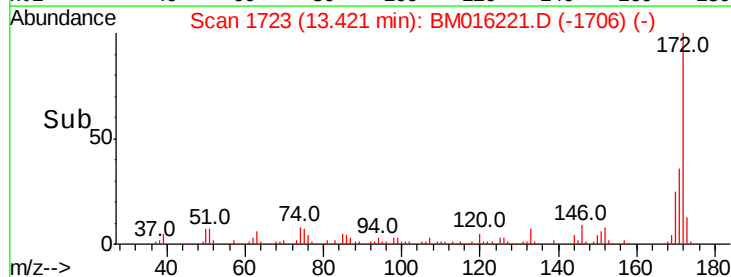
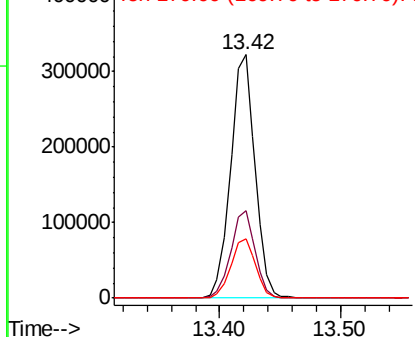


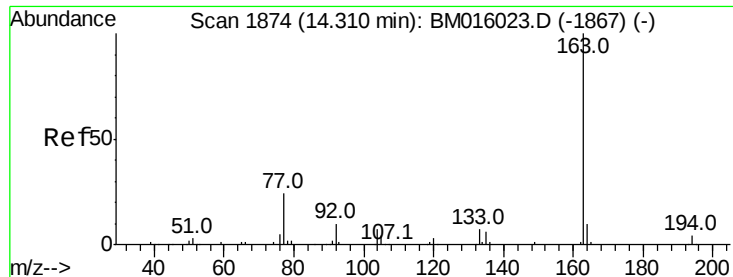
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BM016221.D
 Acq: 07 Aug 2018 09:51

Tgt Ion:172 Resp: 453678
 Ion Ratio Lower Upper
 172 100
 171 35.9 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





#49

Dimethylphthalate

Concen: 2.853 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM016221.D

Acq: 07 Aug 2018 09:51

Instrument :

BNA_M

ClientSampleId :

080118-TIPC-F-U-S

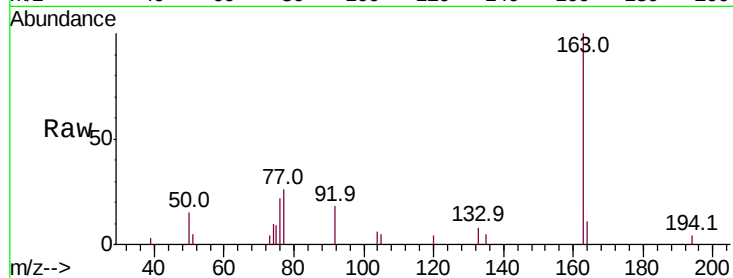
Tot Ion:163 Resp: 14689

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

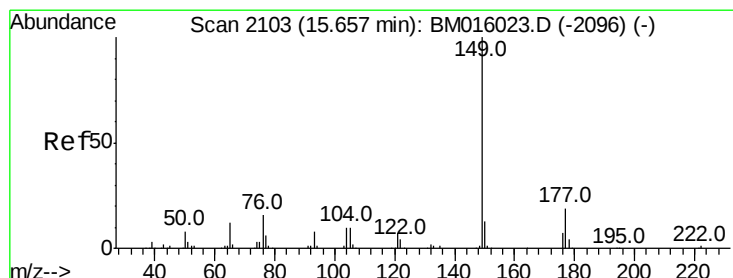
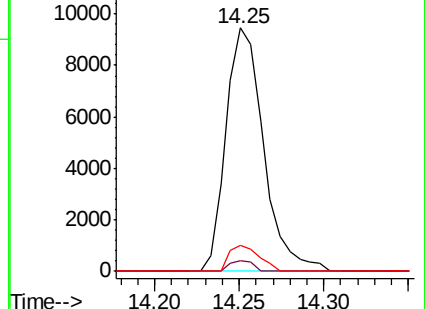
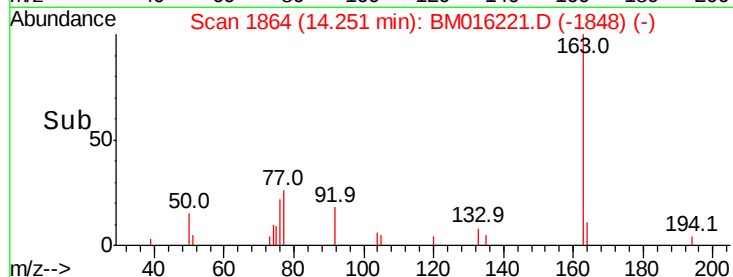
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 3.298 ng

RT: 15.60 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM016221.D

Acq: 07 Aug 2018 09:51

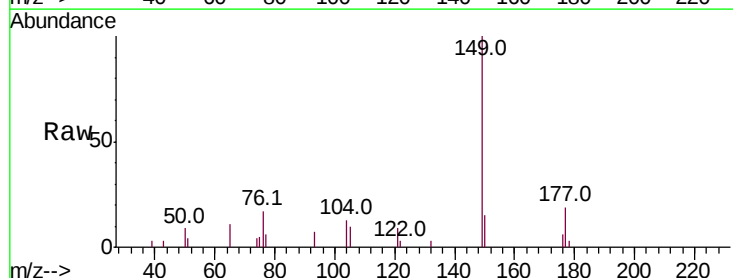
Tgt Ion:149 Resp: 18300

Ion Ratio Lower Upper

149 100

177 18.6 18.3 27.5

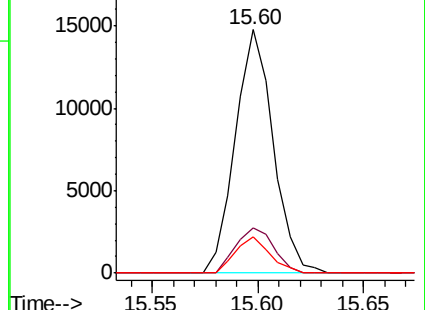
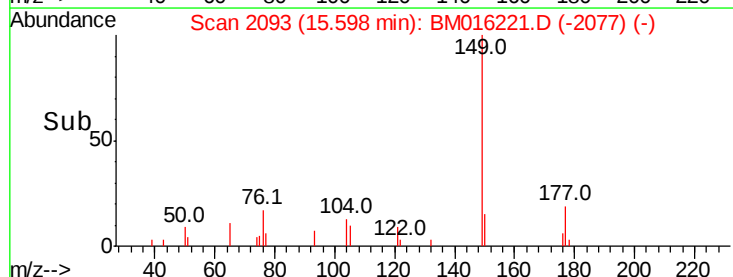
150 15.0 9.8 14.8#

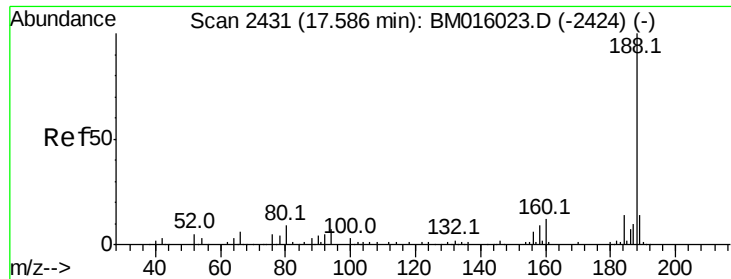


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

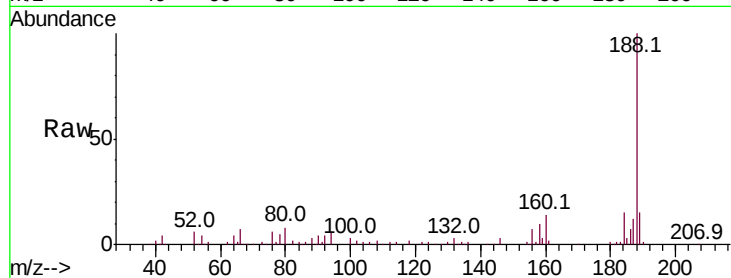




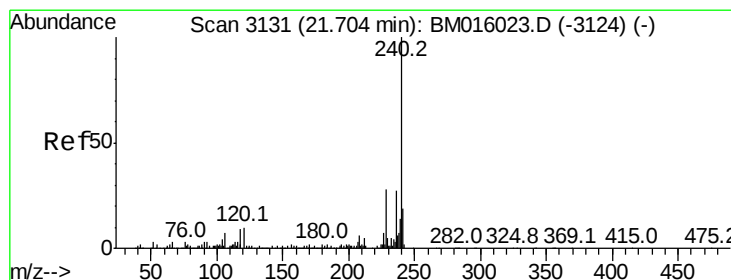
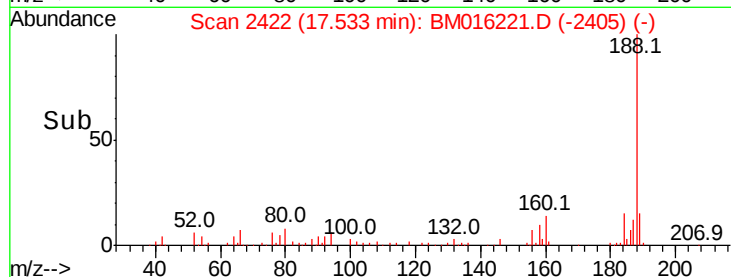
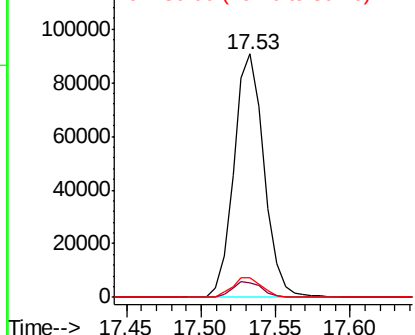
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Instrument :
BNA_M
ClientSampleId :
080118-TIPC-F-U-S

Tot Ion:188 Resp: 127696
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.2 9.3 13.9#

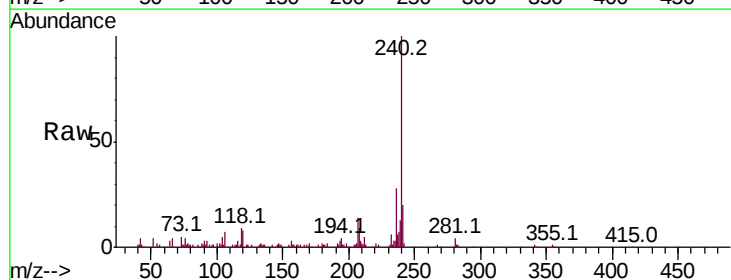


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

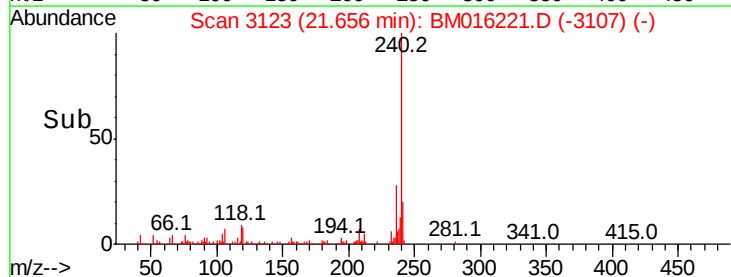
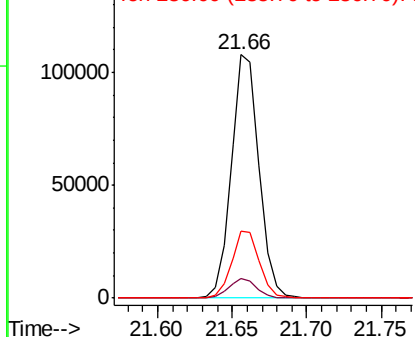


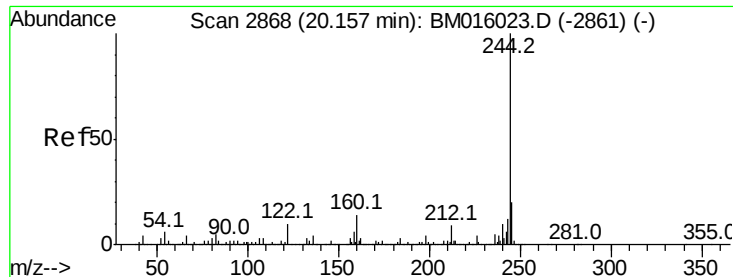
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM016221.D
Acq: 07 Aug 2018 09:51

Tgt Ion:240 Resp: 139865
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 27.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

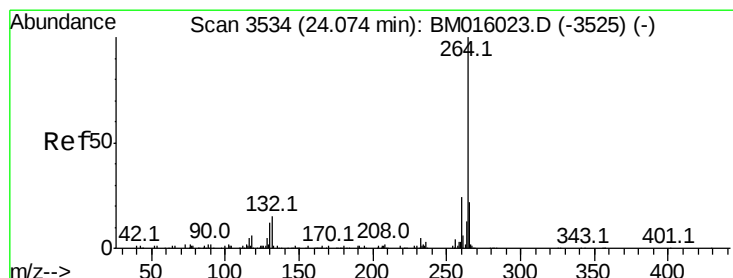
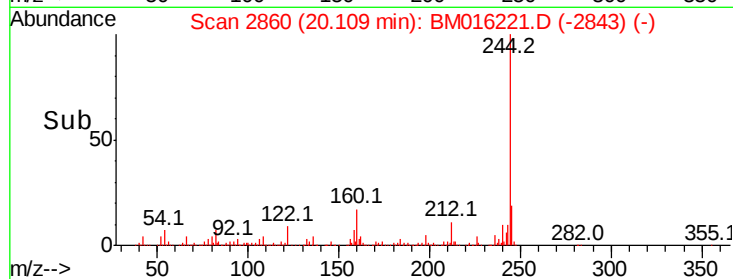
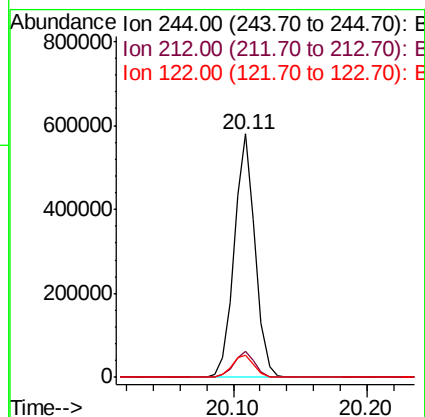
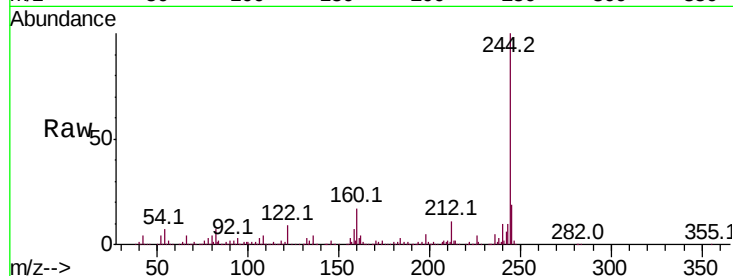




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BM016221.D
 Acq: 07 Aug 2018 09:51

Instrument :
 BNA_M
 ClientSampleId :
 080118-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.8	4.9	7.3#
122	9.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.01 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BM016221.D
 Acq: 07 Aug 2018 09:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.2	17.3	25.9

