

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
 Data File : BM016030.D
 Acq On : 23 Jul 2018 17:46
 Operator : SJ/JU
 Sample : PB111227BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111227BL

Quant Time: Jul 24 15:04:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	58331	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	207603	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	111587	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	228913	20.00	ng	0.00
75) Chrysene-d12	21.70	240	229647	20.00	ng	0.00
86) Perylene-d12	24.07	264	239933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	510511	145.38	ng	0.00
7) Phenol-d6	7.39	99	632188	137.86	ng	0.00
23) Nitrobenzene-d5	9.42	82	435631	97.60	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	197210	139.34	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	864903	94.31	ng	0.00
78) Terphenyl-d14	20.16	244	1248877	113.84	ng	0.00

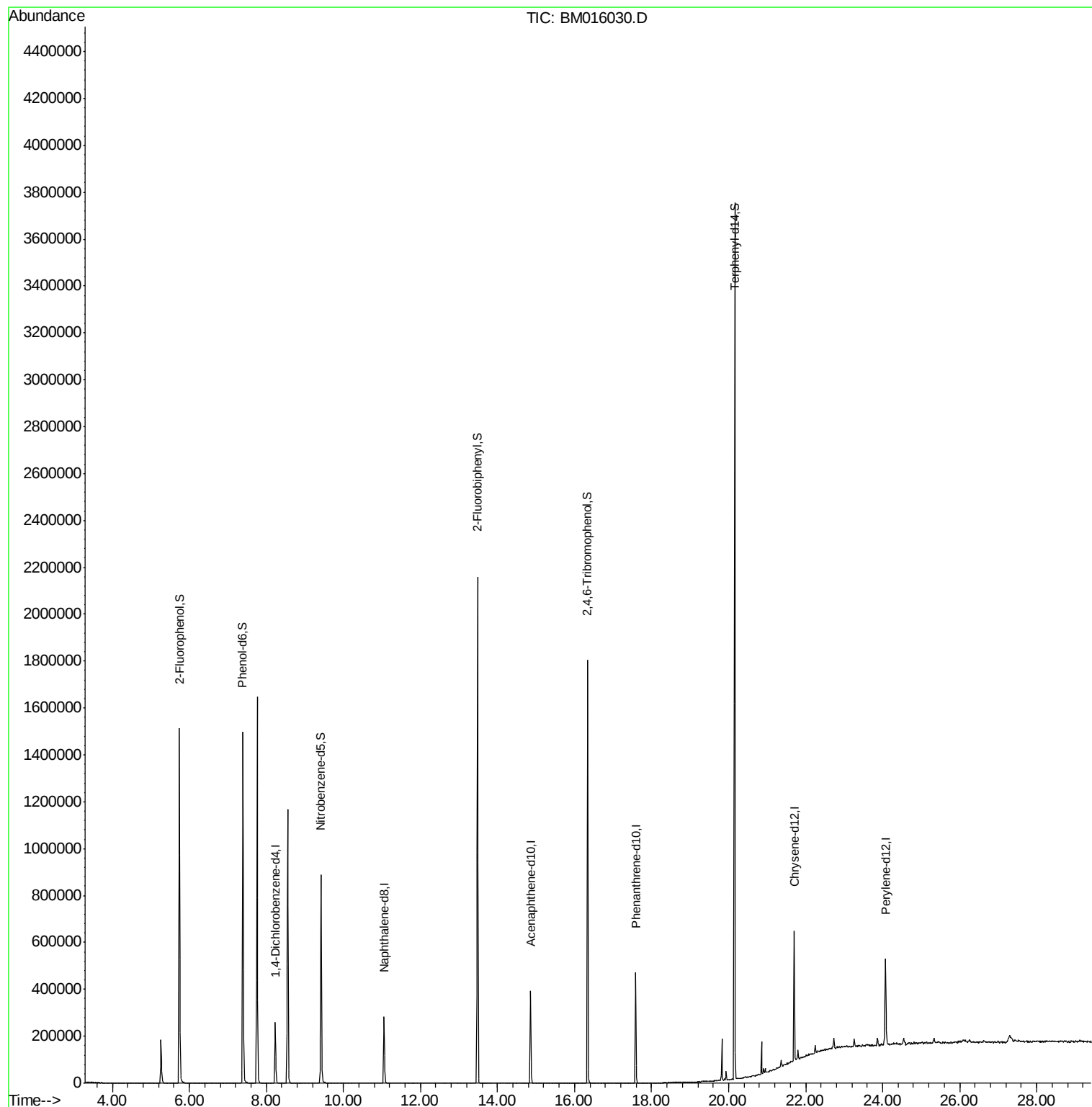
Target Compounds Qvalue

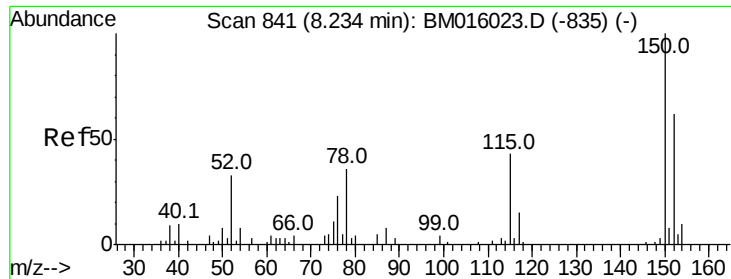
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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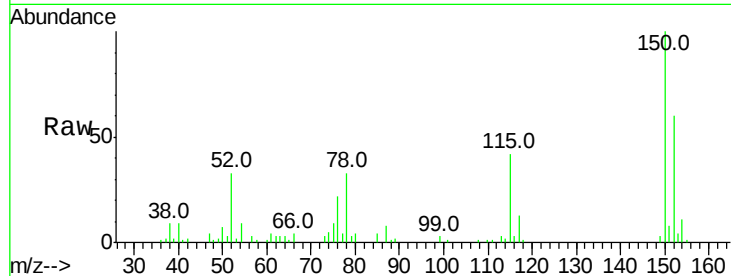


#1

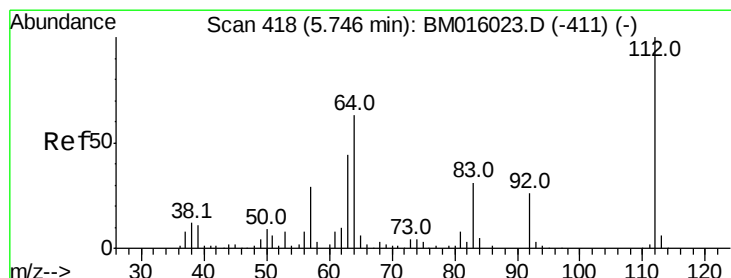
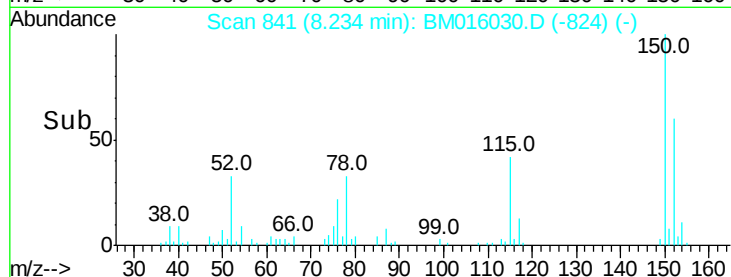
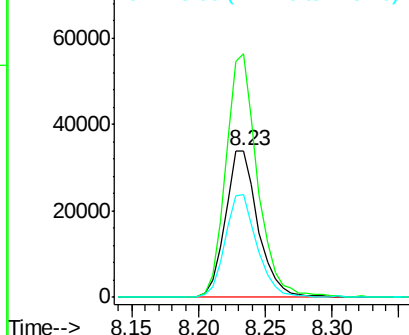
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 841
Delta R.T. -0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

Instrument :
BNA_M
ClientSampleId :
PB111227BL

Tot Ion:152 Resp: 58331
Ion Ratio Lower Upper
152 100
150 165.8 119.5 179.3
115 70.4 43.0 64.4#



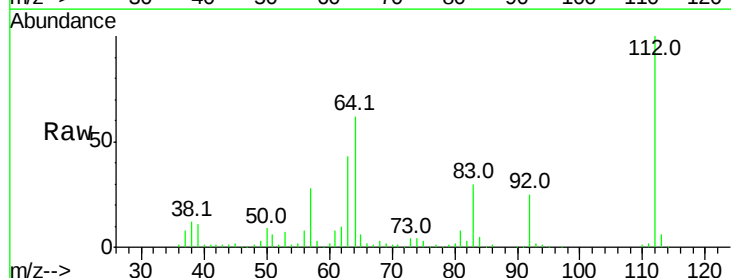
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



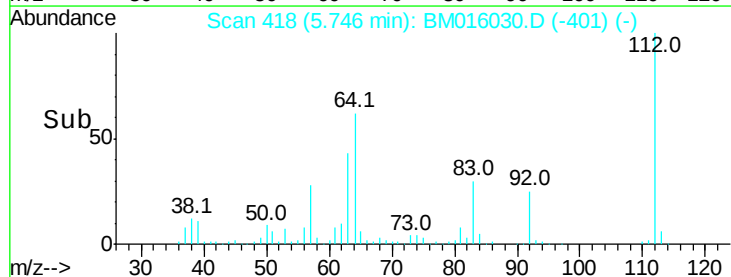
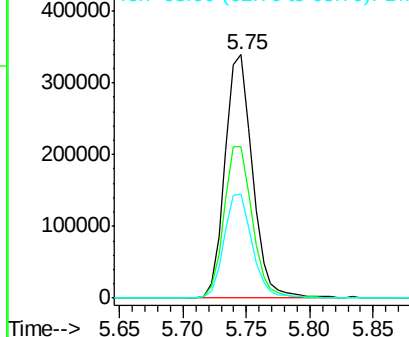
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.75 min Scan# 418
Delta R.T. 0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

Tgt Ion:112 Resp: 510511
Ion Ratio Lower Upper
112 100
64 62.3 38.6 57.8#
63 42.7 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: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016030.D

Acq: 23 Jul 2018 17:46

Instrument :

BNA_M

ClientSampleId :

PB111227BL

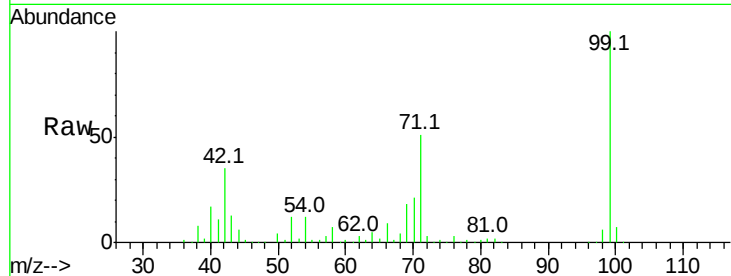
Tot Ion: 99 Resp: 632188

Ion Ratio Lower Upper

99 100

42 34.7 11.0 16.4#

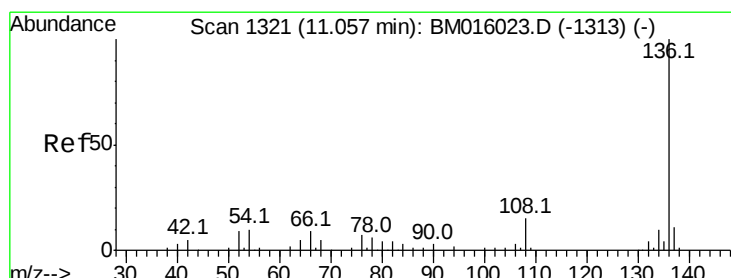
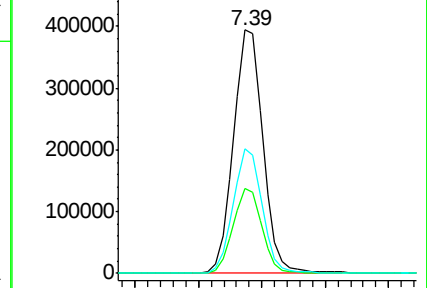
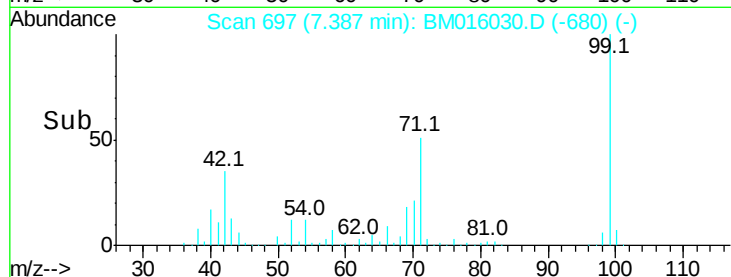
71 51.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016030.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016030.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016030.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.05 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BM016030.D

Acq: 23 Jul 2018 17:46

Tgt Ion: 136 Resp: 207603

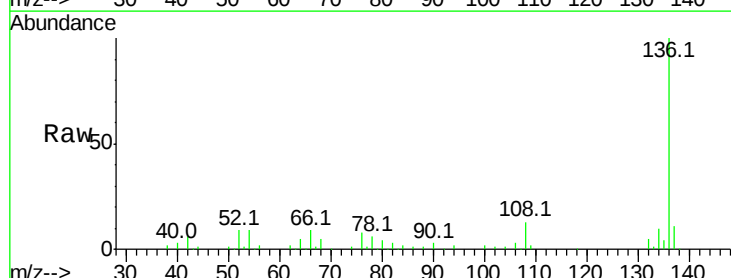
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.8 4.6 6.8#

68 4.7 3.7 5.5

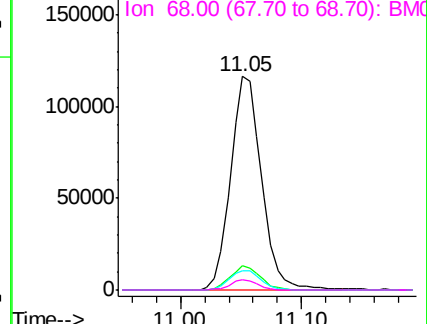
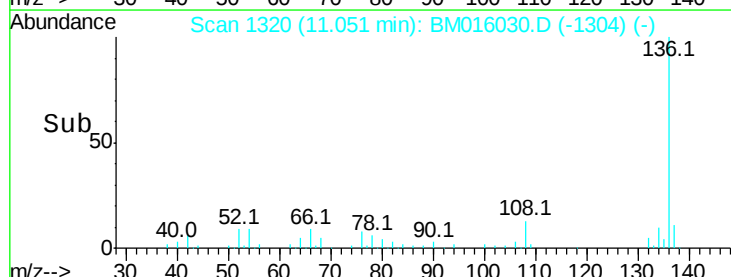


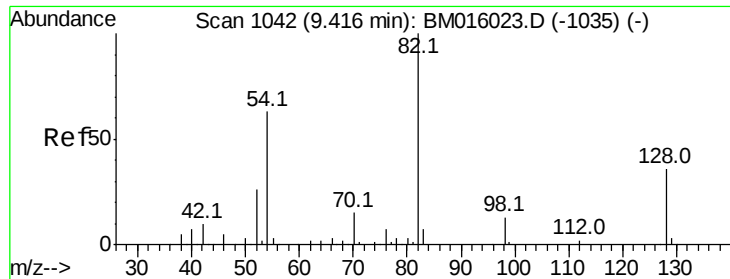
Abundance Ion 136.00 (135.70 to 136.70): BM016030.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016030.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016030.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016030.D (-1313) (-)

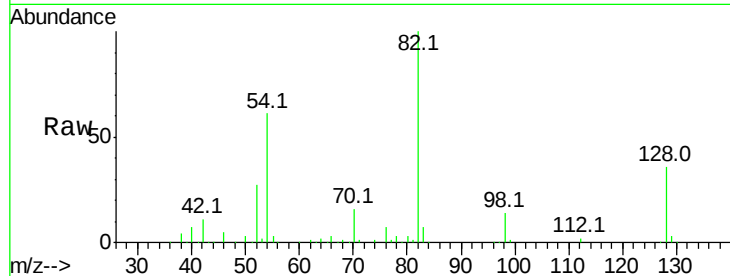




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

Instrument :
BNA_M
ClientSampleId :
PB111227BL

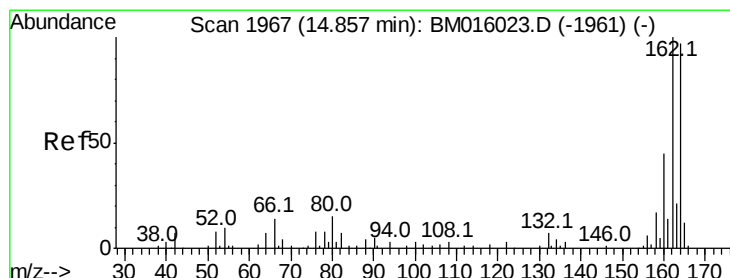
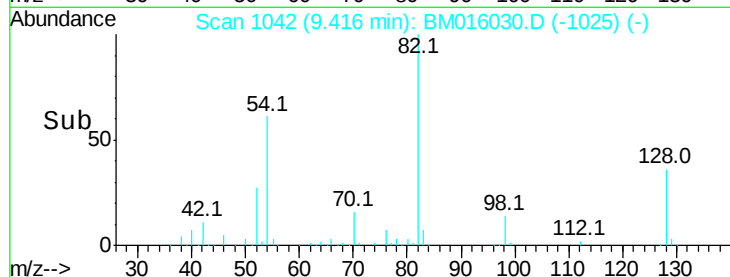
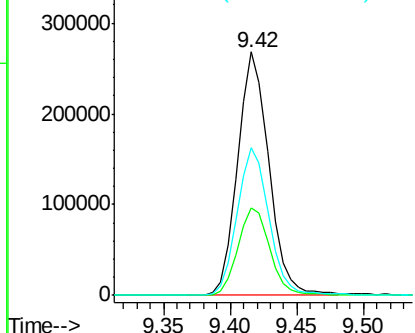
Tot Ion	82	Resp	435631
Ion Ratio	100	Lower	Upper
128	36.1	32.8	49.2
54	60.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM016030.D (-1025) (-)

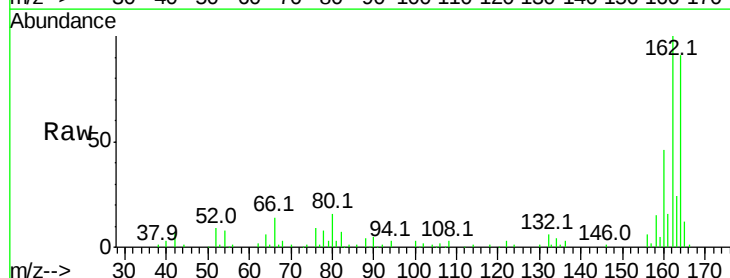
Ion 128.00 (127.70 to 128.70): BM016030.D (-1025) (-)

Ion 54.00 (53.70 to 54.70): BM016030.D (-1025) (-)



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

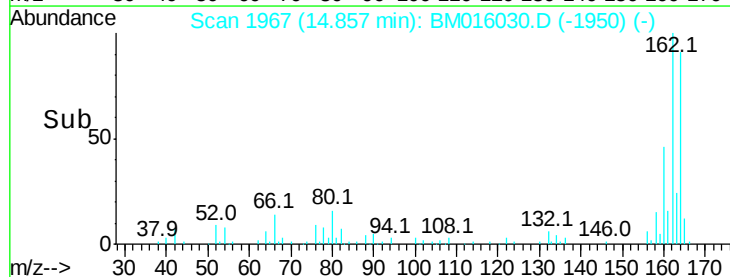
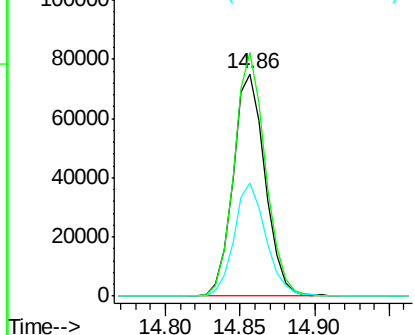
Tgt Ion	164	Resp	111587
Ion Ratio	100	Lower	Upper
162	109.7	82.4	123.6
160	50.8	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016030.D (-1950) (-)

Ion 162.00 (161.70 to 162.70): BM016030.D (-1950) (-)

Ion 160.00 (159.70 to 160.70): BM016030.D (-1950) (-)

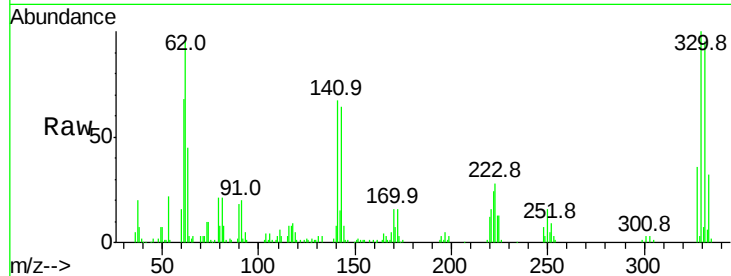




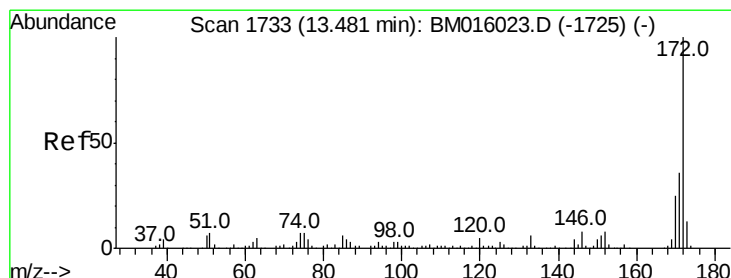
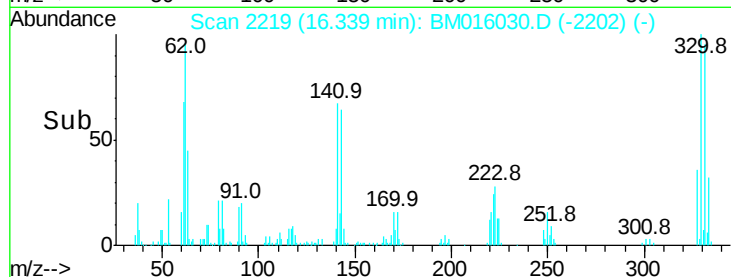
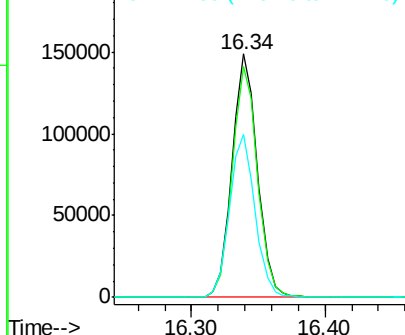
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016030.D
 Acq: 23 Jul 2018 17:46

Instrument :
 BNA_M
 ClientSampleId :
 PB111227BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	67.7	0.0	0.0#

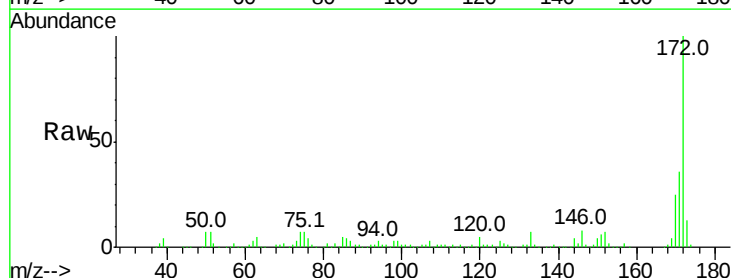


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

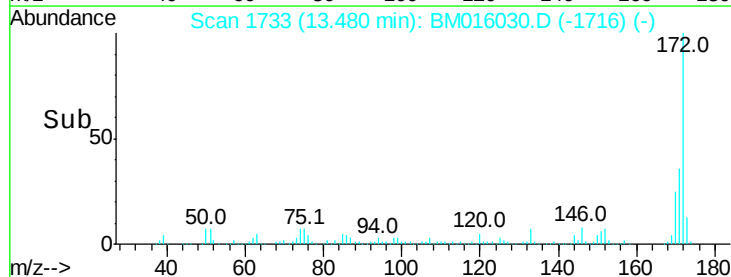
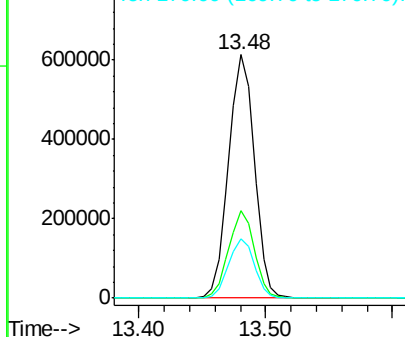


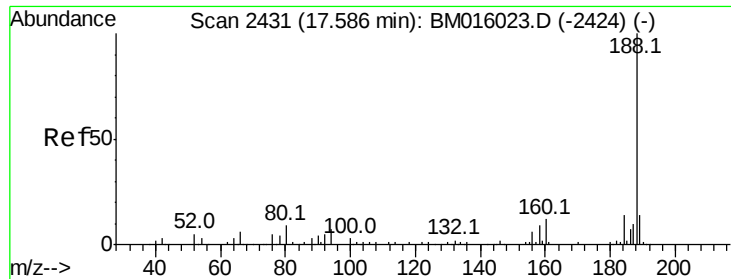
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016030.D
 Acq: 23 Jul 2018 17:46

Tgt 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

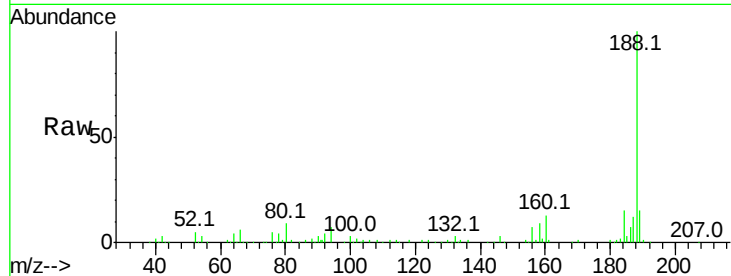




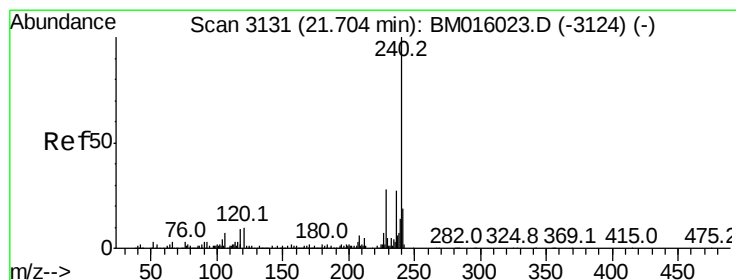
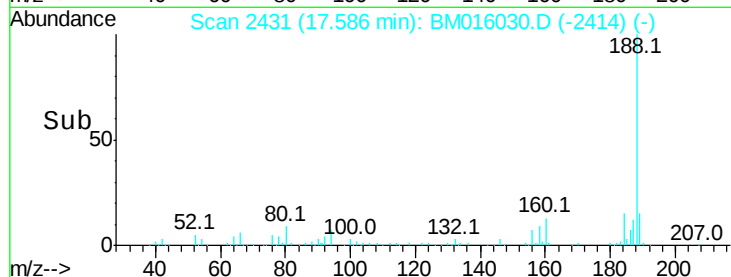
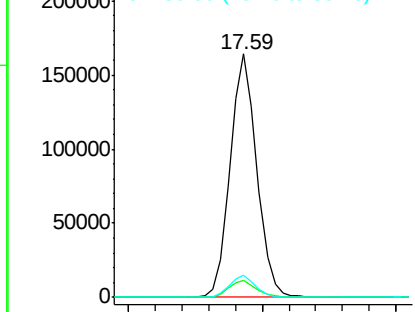
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

Instrument :
BNA_M
ClientSampleId :
PB111227BL

Tot Ion:188 Resp: 228913
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 9.0 9.3 13.9#

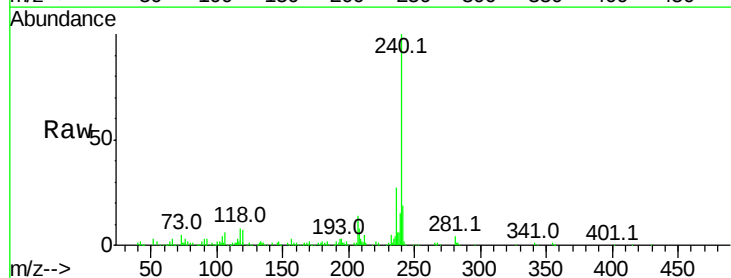


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

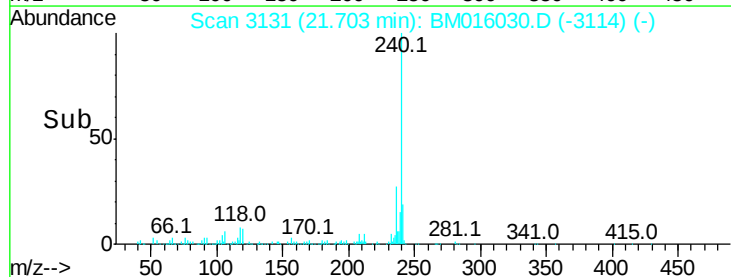
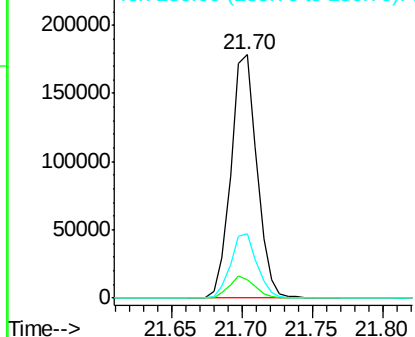


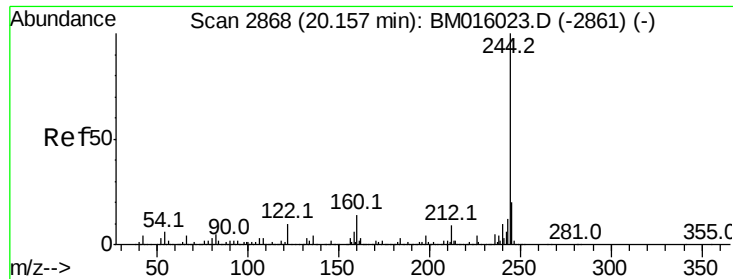
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BM016030.D
Acq: 23 Jul 2018 17:46

Tgt Ion:240 Resp: 229647
Ion Ratio Lower Upper
240 100
120 7.5 8.2 12.2#
236 26.6 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

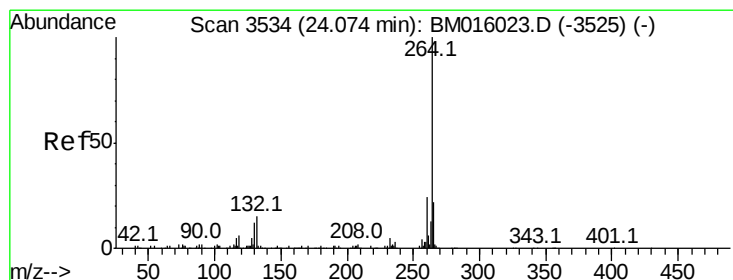
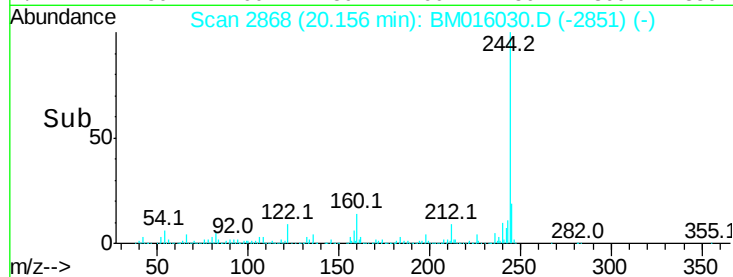
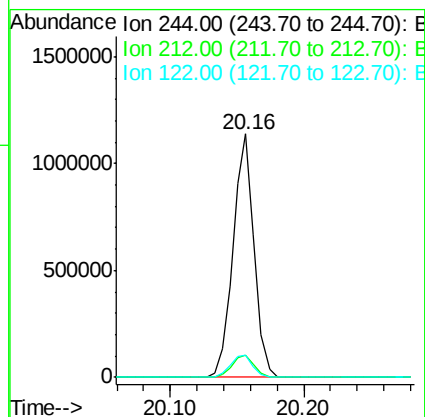
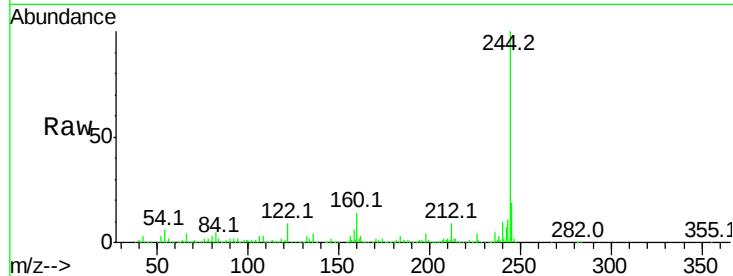




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.16 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BM016030.D
 Acq: 23 Jul 2018 17:46

Instrument :
 BNA_M
 ClientSampleId :
 PB111227BL

Tot Ion:244 Resp: 1248877
 Ion Ratio Lower Upper
 244 100
 212 9.4 4.9 7.3#
 122 9.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: BM016030.D
 Acq: 23 Jul 2018 17:46

Tgt Ion:264 Resp: 239933
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 27.8
 265 21.7 17.3 25.9

