

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016229.D
 Acq On : 07 Aug 2018 22:42
 Operator : SJ/JU
 Sample : J4338-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 220-2

Quant Time: Aug 08 02:34:31 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 16:15:57 2018
 Response via : Initial Calibration

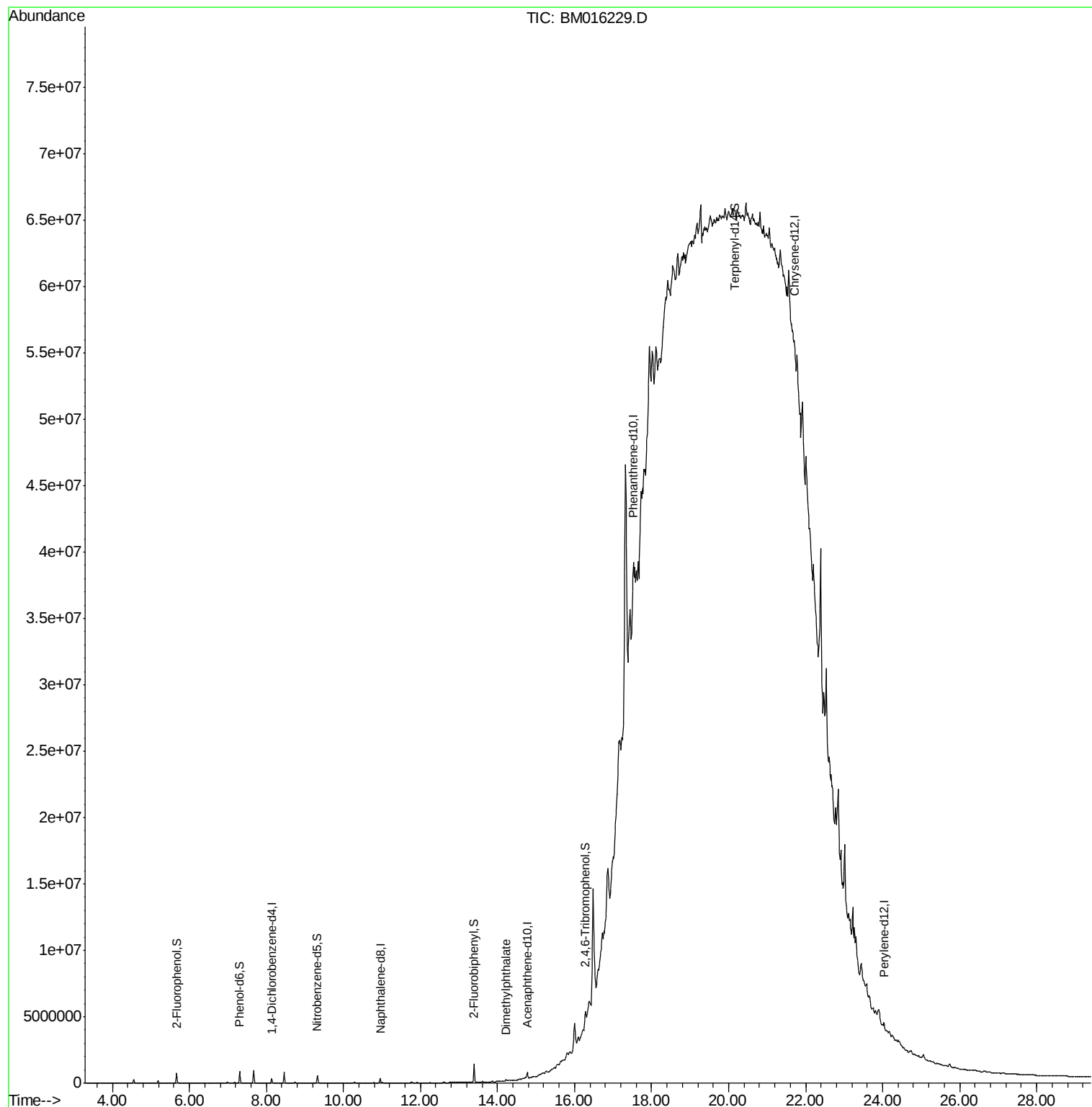
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65812	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	255307	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	123422	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	832350	20.00	ng	0.02
75) Chrysene-d12	21.72	240	1061437	20.00	ng	0.07
86) Perylene-d12	24.03	264	330156	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	270696	68.32	ng	0.00
7) Phenol-d6	7.30	99	361523	69.87	ng	0.00
23) Nitrobenzene-d5	9.32	82	267707	48.77	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	138274	88.33	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	548869	54.11	ng	0.00
78) Terphenyl-d14	20.17	244	1599378	31.54	ng	0.08
Target Compounds						
49) Dimethylphthalate	14.23	163	36560	3.385	ng	Qvalue 96

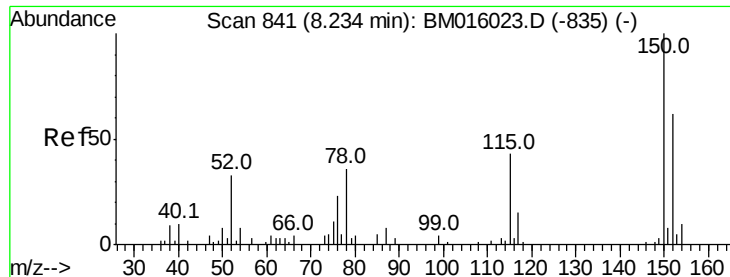
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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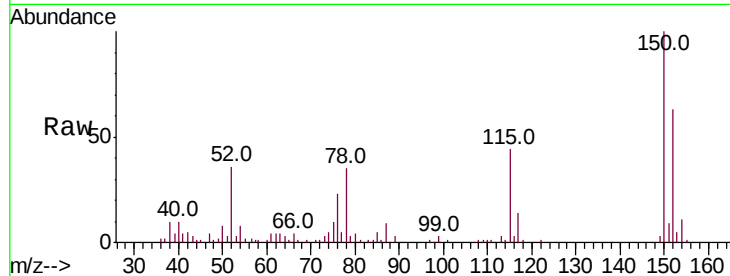


#1

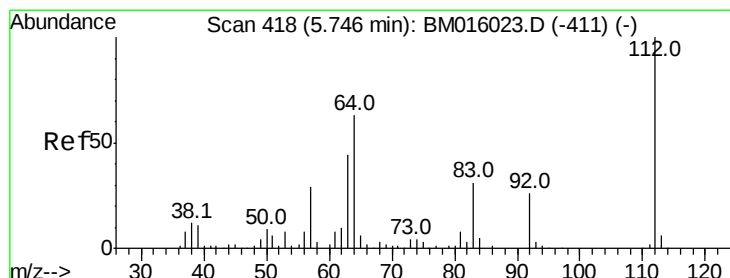
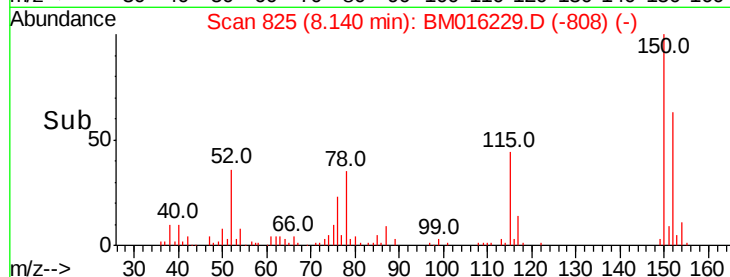
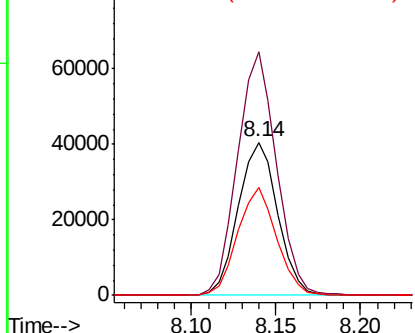
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Instrument :
BNA_M
ClientSampleId :
220-2

Tot Ion:152 Resp: 65812
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 70.3 43.0 64.4#



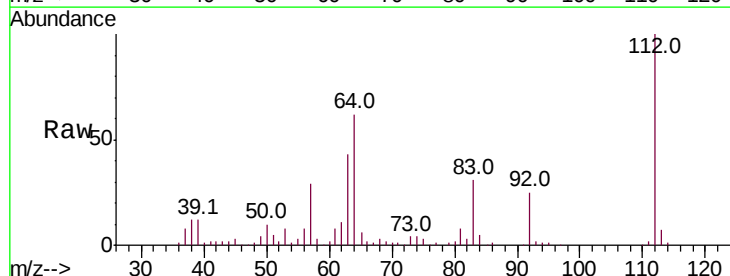
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



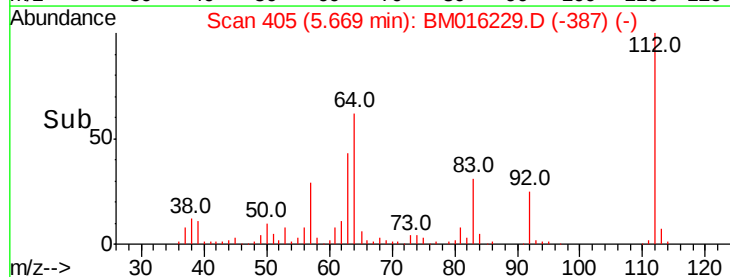
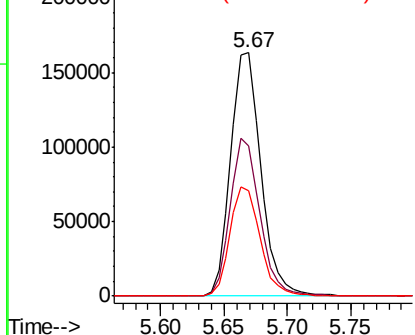
#5

2-Fluorophenol
Concen: Below ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Tgt Ion:112 Resp: 270696
Ion Ratio Lower Upper
112 100
64 61.7 38.6 57.8#
63 43.5 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: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampled :

220-2

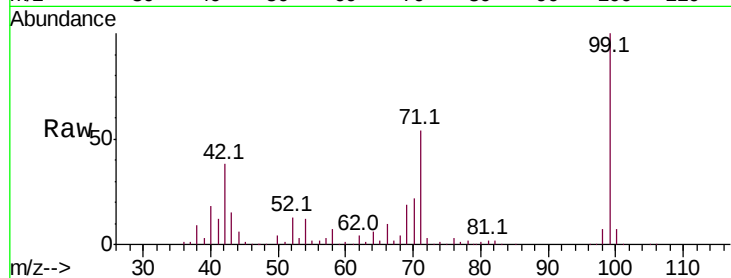
Tot Ion: 99 Resp: 361523

Ion Ratio Lower Upper

99 100

42 38.3 11.0 16.4#

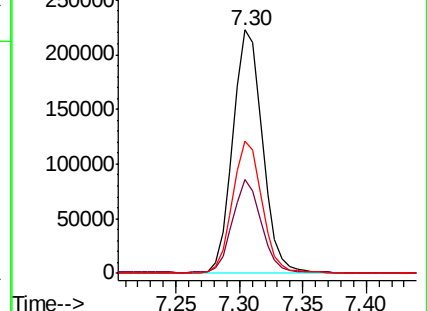
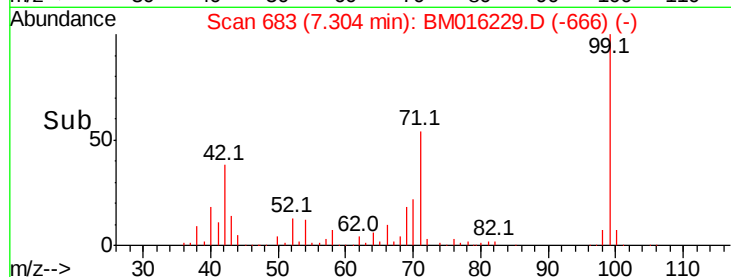
71 54.1 23.4 35.2#



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: 10.96 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Tgt Ion: 136 Resp: 255307

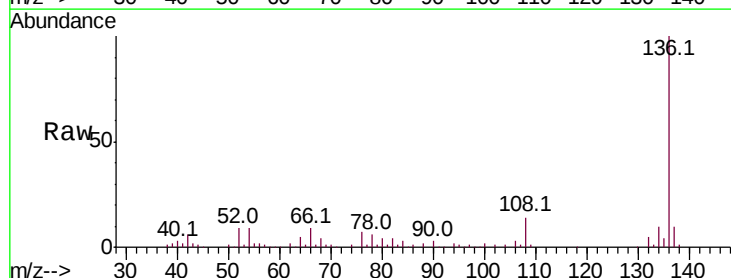
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 9.4 4.6 6.8#

68 4.1 3.7 5.5

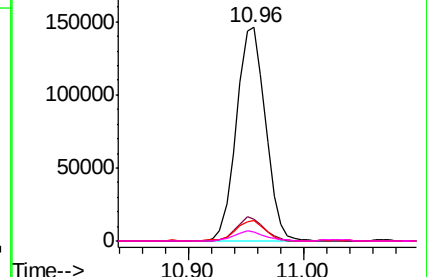
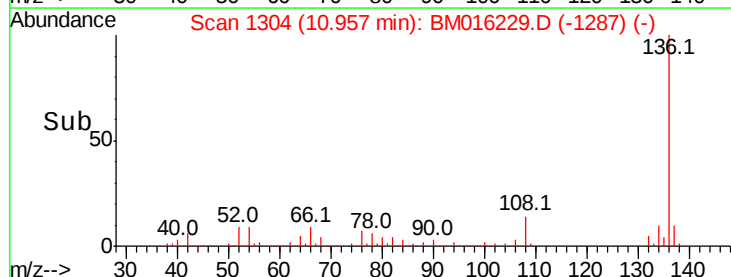


Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

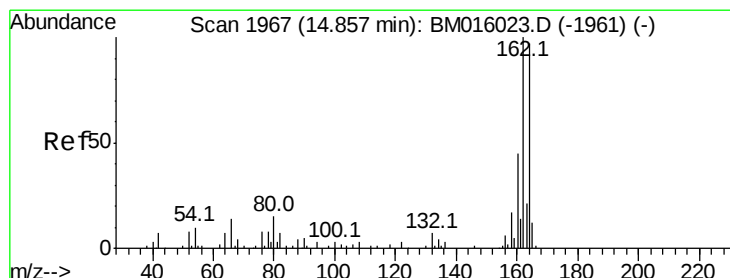
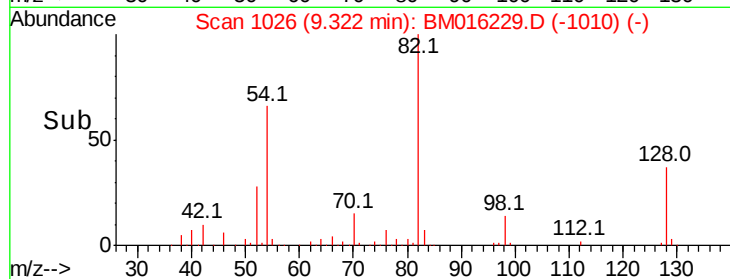
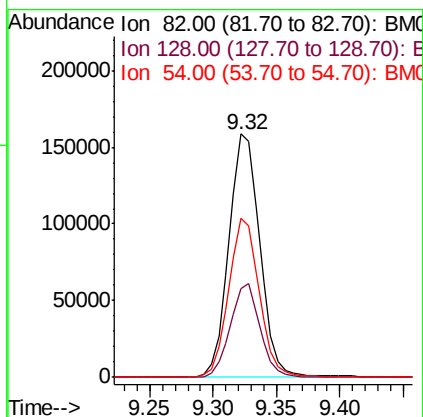
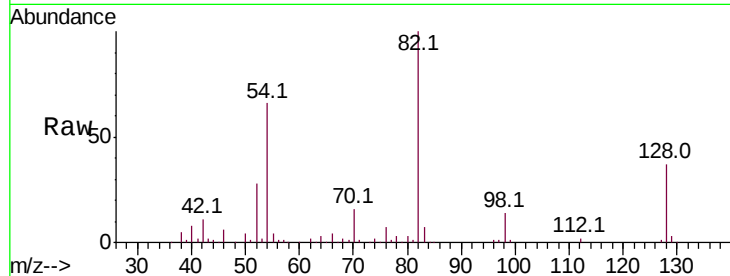




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

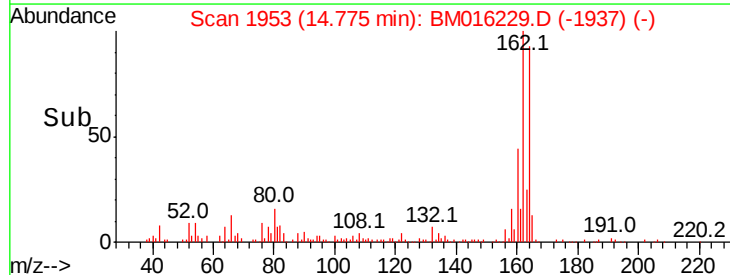
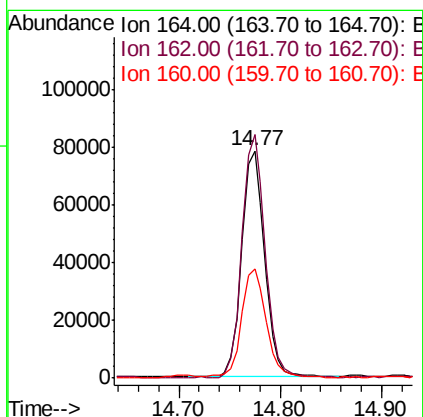
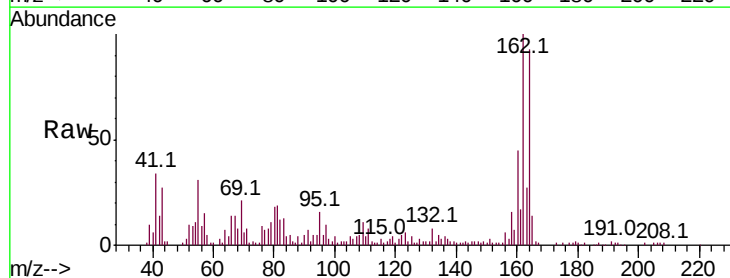
Instrument :
BNA_M
ClientSampleId :
220-2

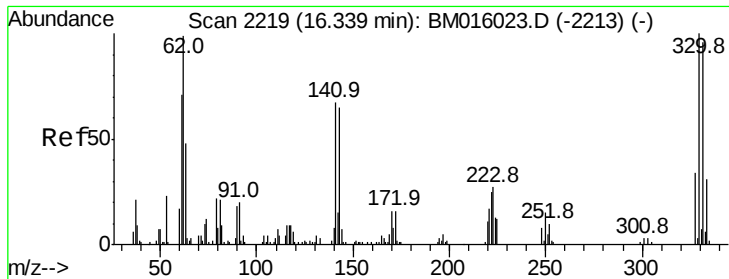
Tot Ion	82	Resp	267707
Ion Ratio	Lower	Upper	
82	100		
128	36.5	32.8	49.2
54	65.5	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Tgt Ion	164	Resp	123422
Ion Ratio	Lower	Upper	
164	100		
162	107.2	82.4	123.6
160	48.1	35.8	53.6

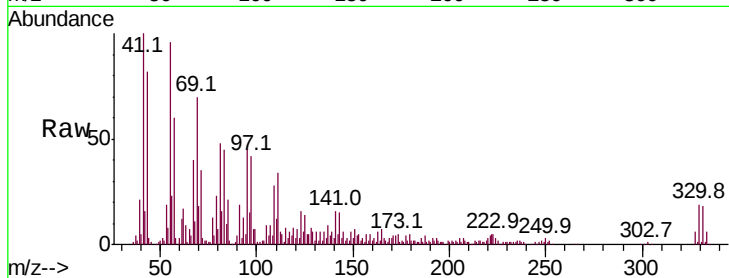




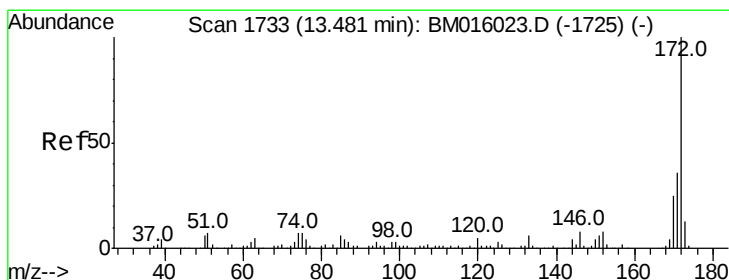
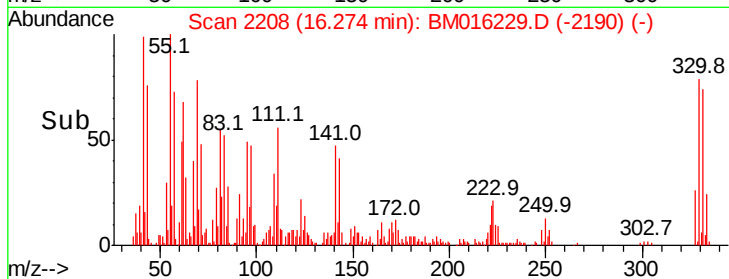
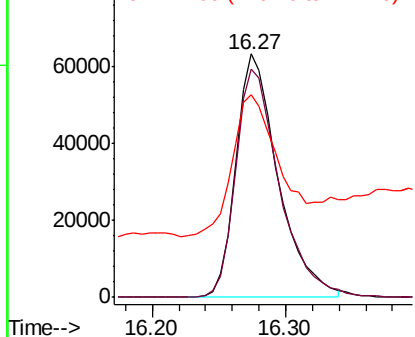
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.27 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Instrument :
 BNA_M
 ClientSampleId :
 220-2

Tot Ion:330 Resp: 138274
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 67.1 0.0 0.0#

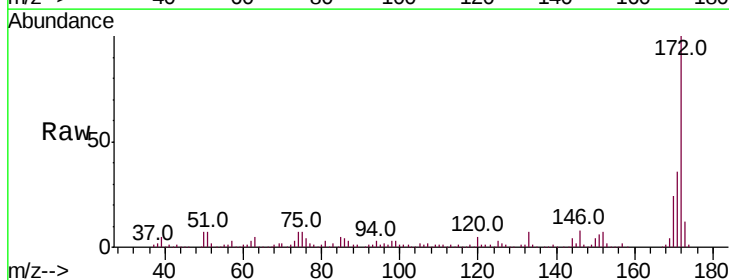


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

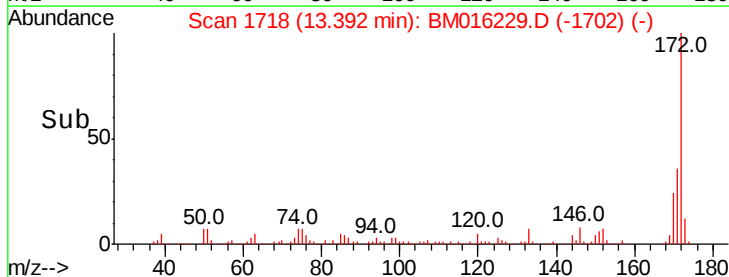
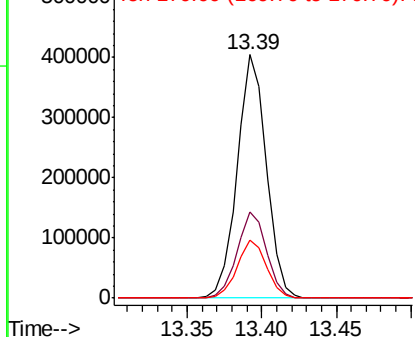


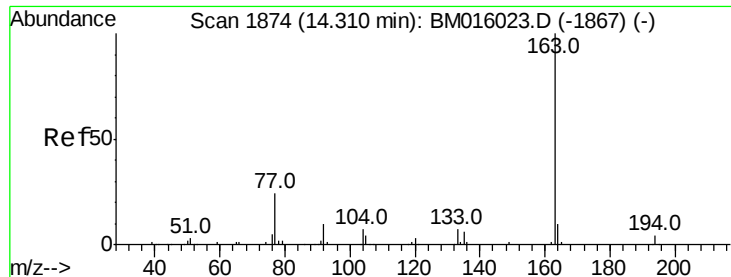
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Tgt Ion:172 Resp: 548869
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#49

Dimethylphthalate

Concen: 3.385 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampleId :

220-2

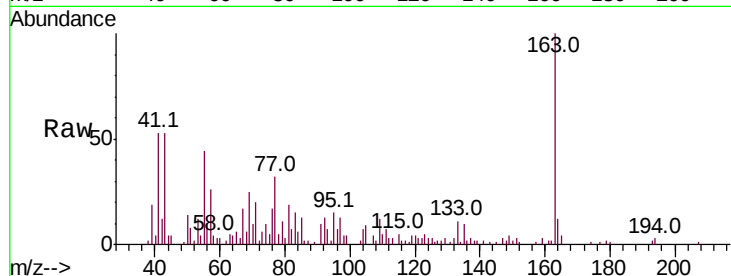
Tot Ion:163 Resp: 36560

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

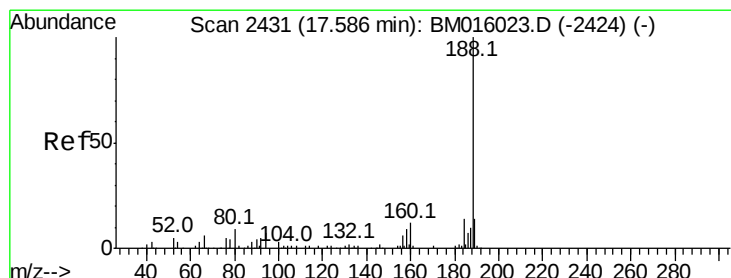
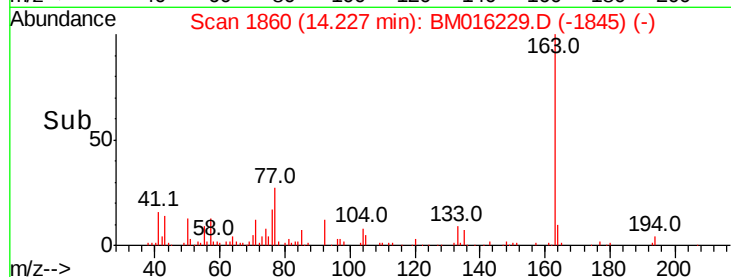
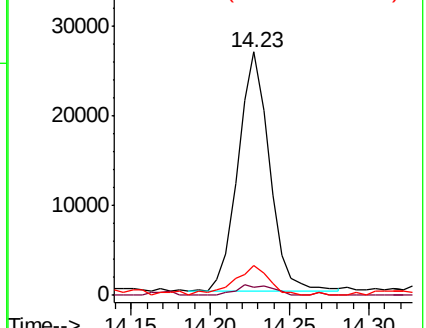
164 12.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. 0.02 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

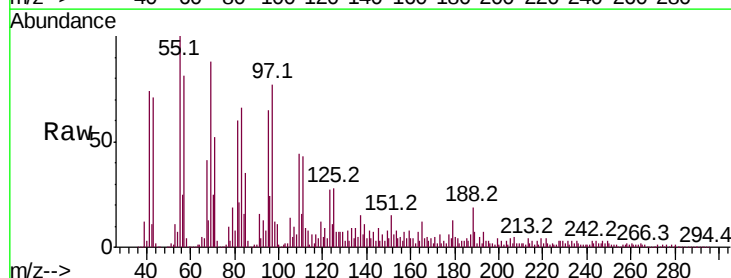
Tgt Ion:188 Resp: 832350

Ion Ratio Lower Upper

188 100

94 44.5 8.7 13.1#

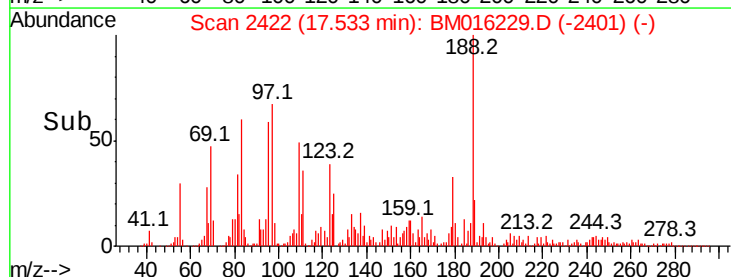
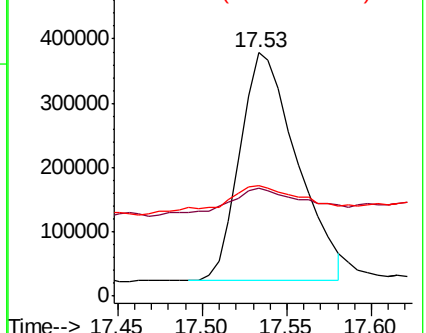
80 45.2 9.3 13.9#

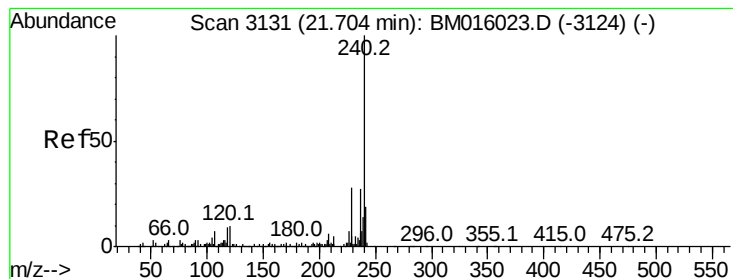


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3133

Delta R.T. 0.07 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampled :

220-2

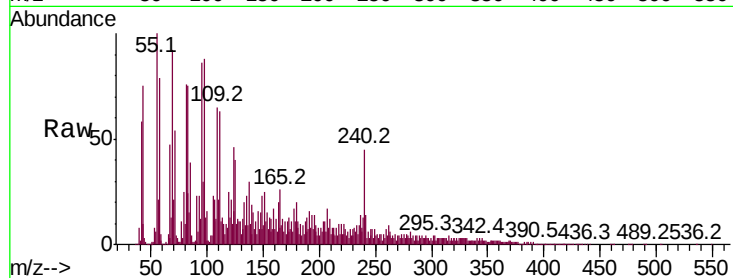
Tot Ion:240 Resp: 1061437

Ion Ratio Lower Upper

240 100

120 29.5 8.2 12.2#

236 31.4 20.0 30.0#

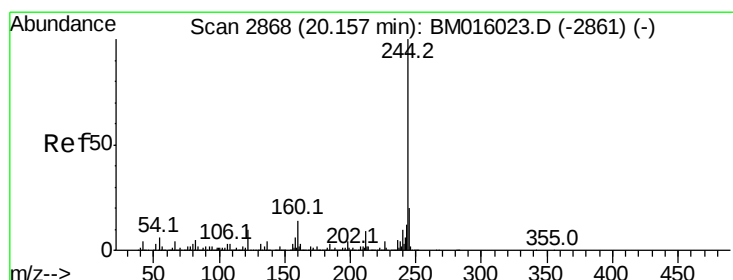
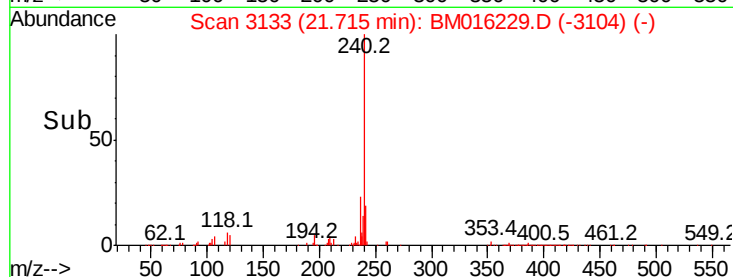
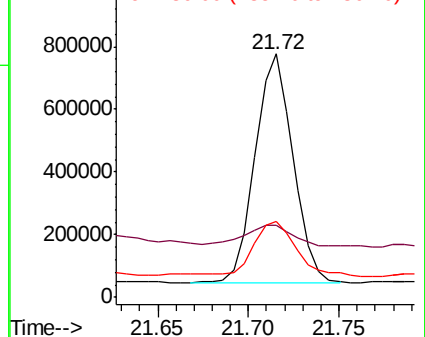


Abundance

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: Below ng

RT: 20.17 min Scan# 2870

Delta R.T. 0.08 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

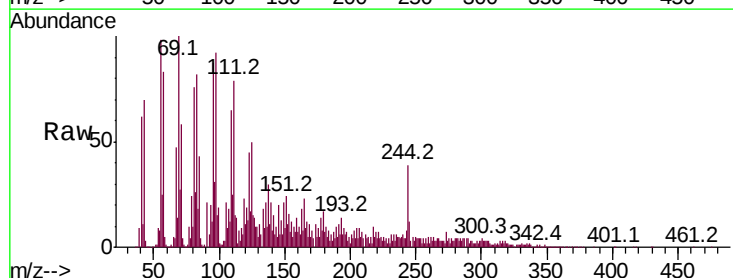
Tgt Ion:244 Resp: 1599378

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

122 33.1 6.2 9.4#

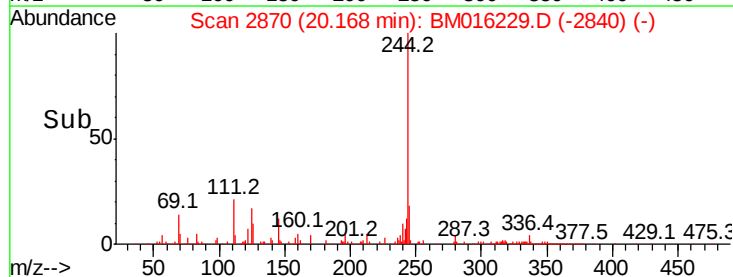
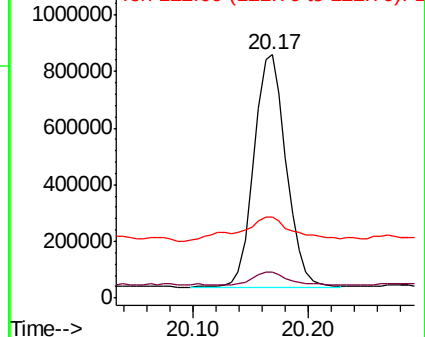


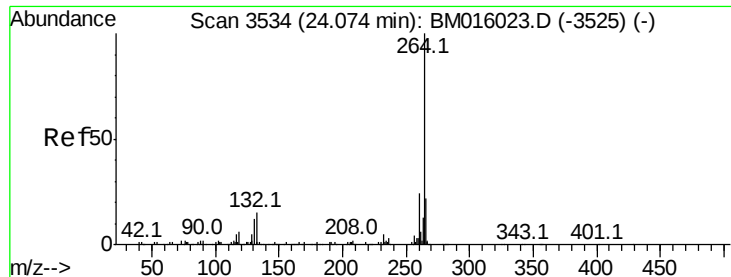
Abundance

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

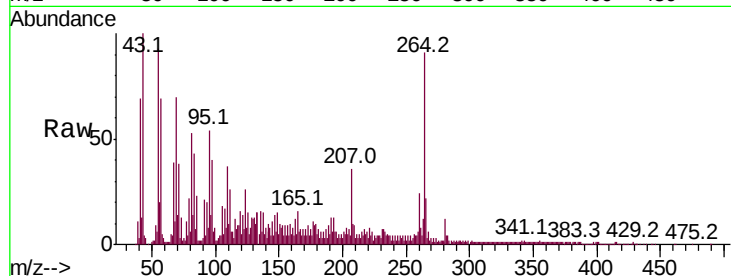




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.03 min Scan# 3527
Delta R.T. 0.05 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Instrument :
BNA_M
ClientSampleId :
220-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	24.4	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

