

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016237.D
 Acq On : 08 Aug 2018 03:32
 Operator : SJ/JU
 Sample : J4348-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11930

Quant Time: Aug 08 04:05:44 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	8.13	152	62463	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	259757	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	142591	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	325953	20.00	ng	0.00
75) Chrysene-d12	21.64	240	323559	20.00	ng	0.00
86) Perylene-d12	23.98	264	281855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	86969	23.13	ng	0.00
7) Phenol-d6	7.30	99	114423	23.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	80302	14.38	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	36015	19.91	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	171837	14.66	ng	0.00
78) Terphenyl-d14	20.09	244	283990	18.37	ng	0.00

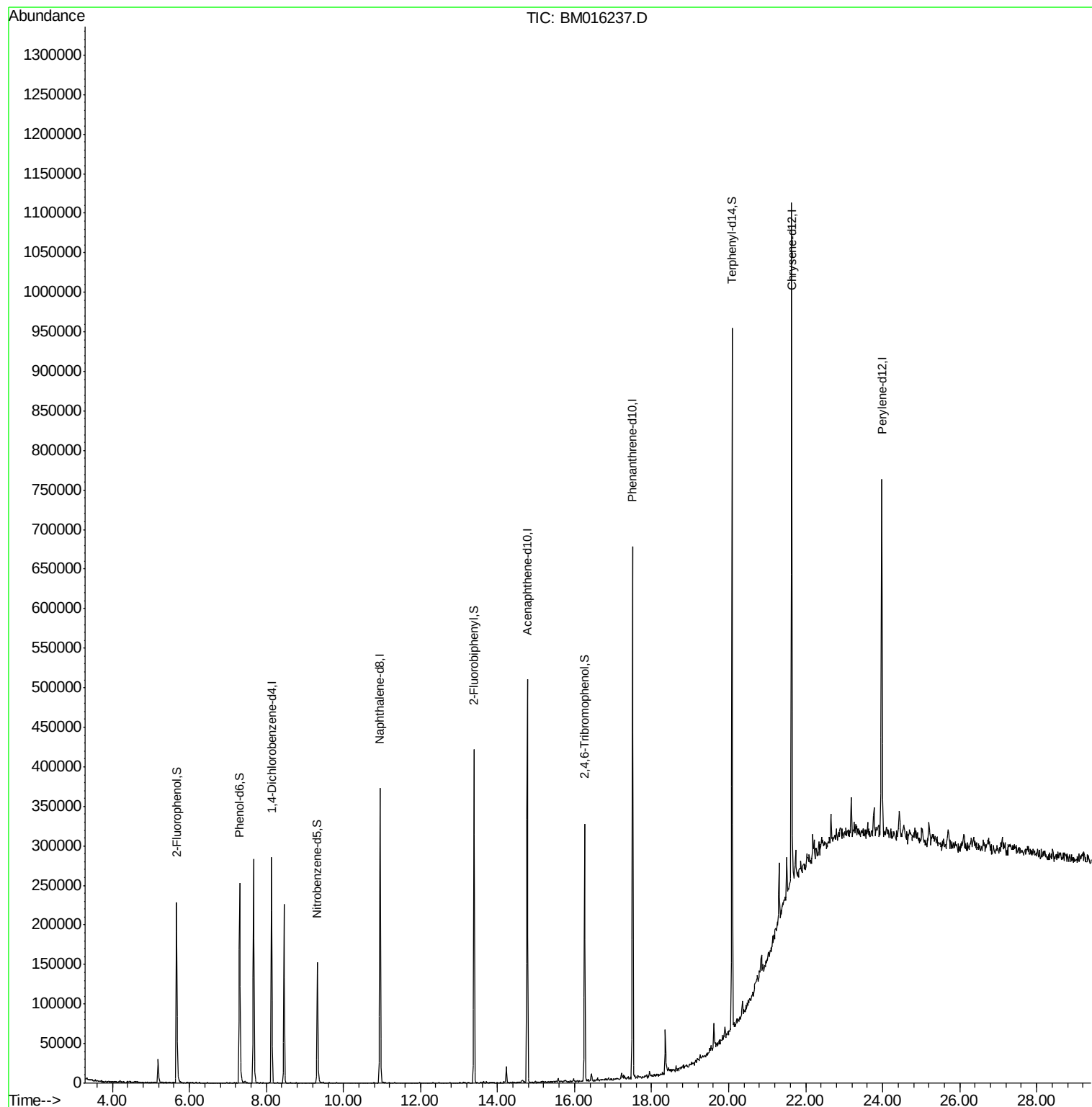
Target Compounds Qvalue

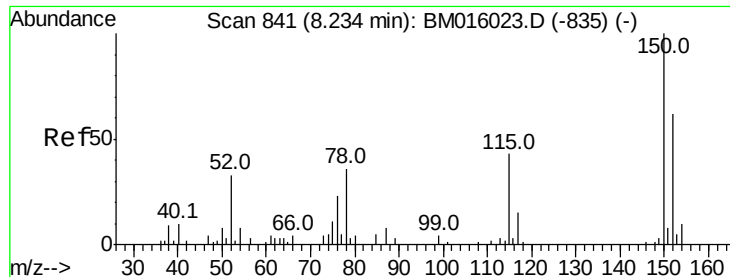
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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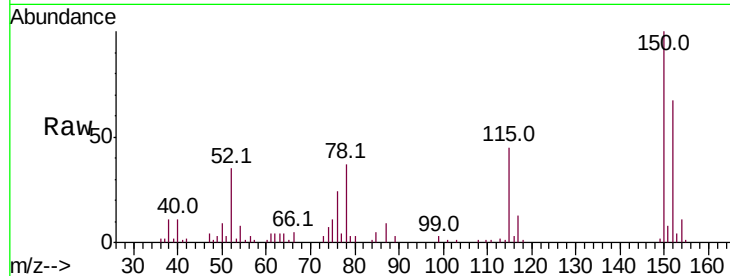


#1

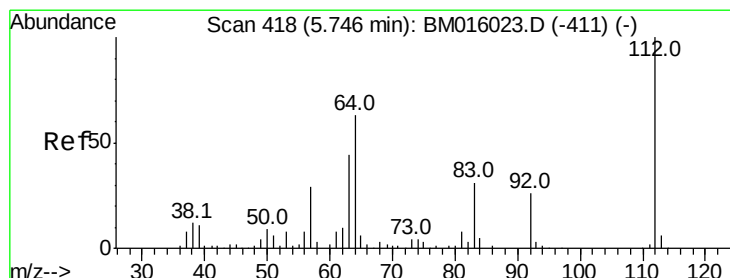
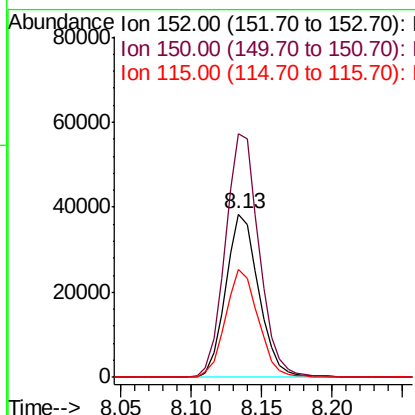
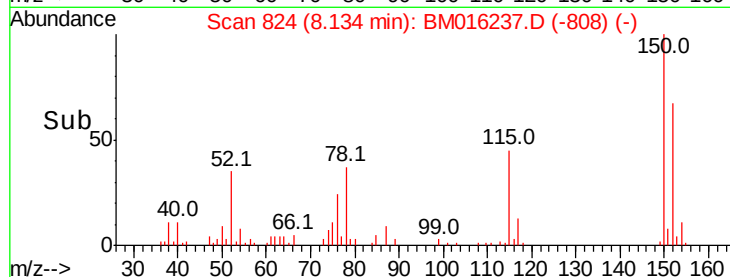
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Instrument :
 BNA_M
 ClientSampleId :
 72-11930

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	66.5	43.0	64.4#



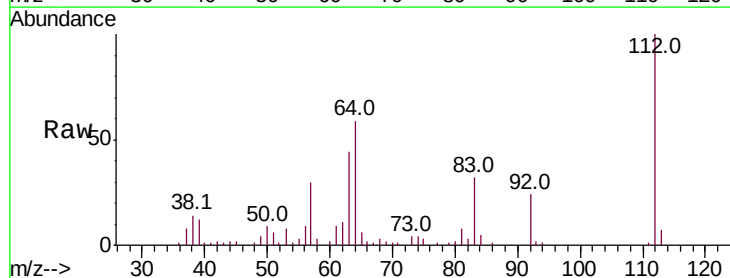
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



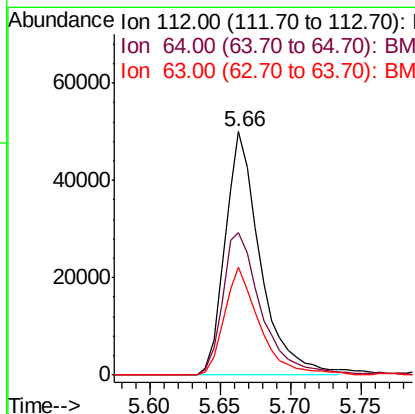
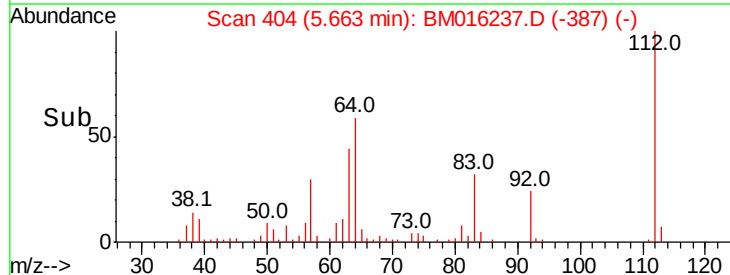
#5

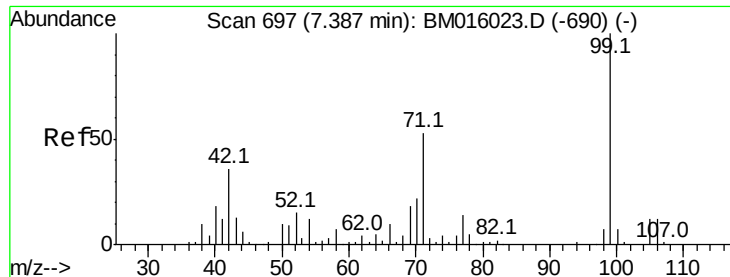
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	38.6	57.8#
63	44.3	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: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

72-11930

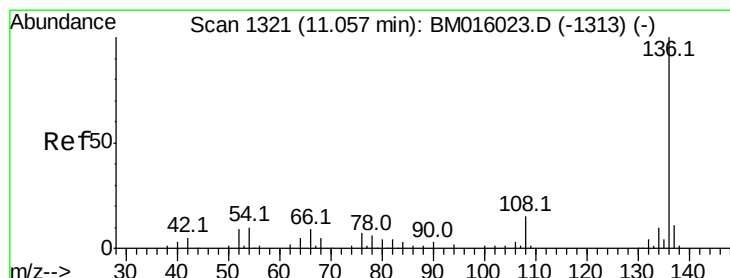
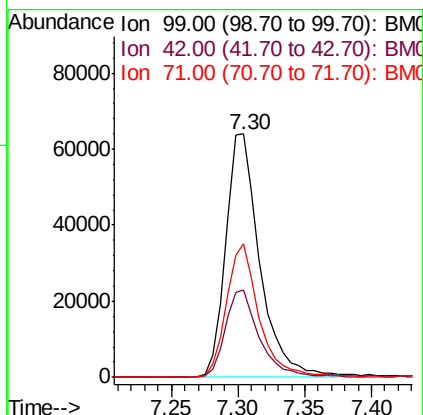
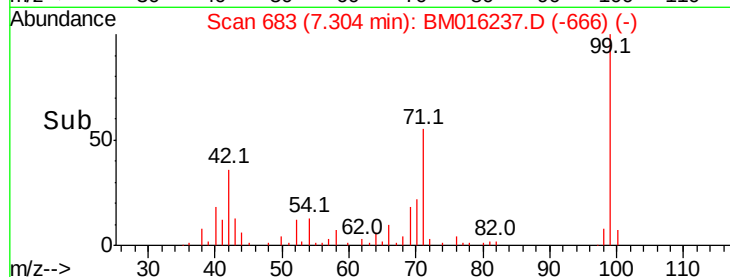
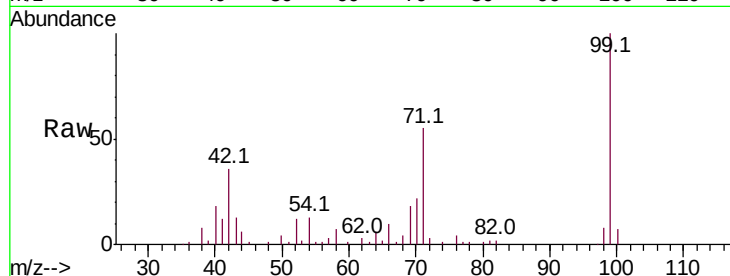
Tot Ion: 99 Resp: 114423

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

71 55.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Tgt Ion: 136 Resp: 259757

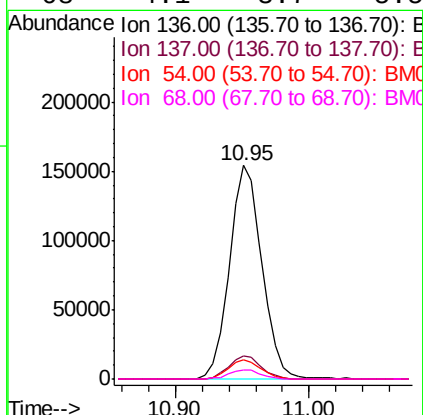
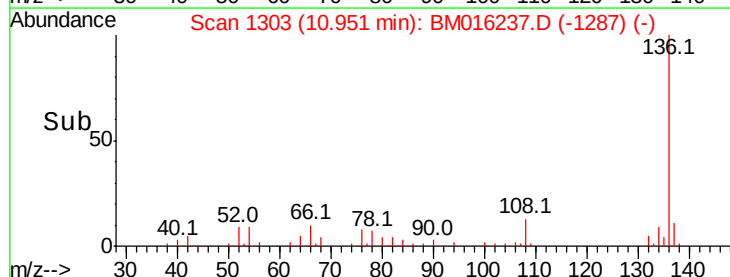
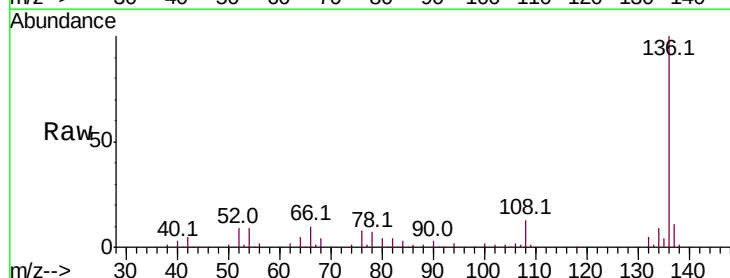
Ion Ratio Lower Upper

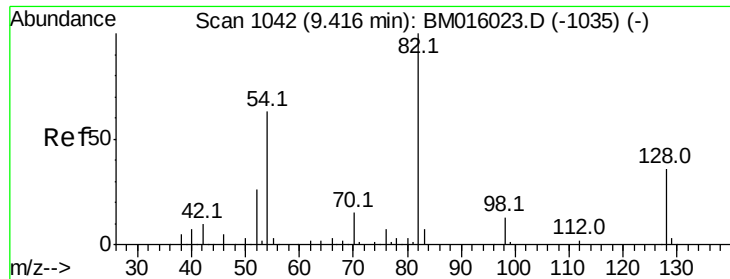
136 100

137 11.0 8.7 13.1

54 9.3 4.6 6.8#

68 4.1 3.7 5.5

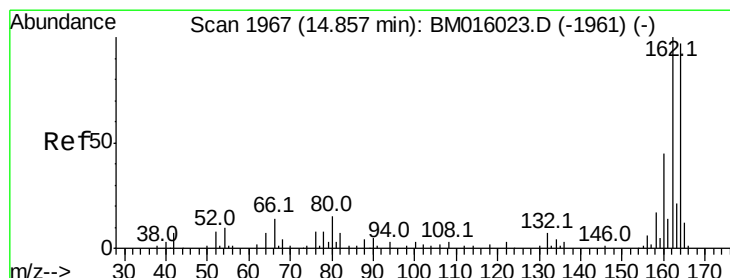
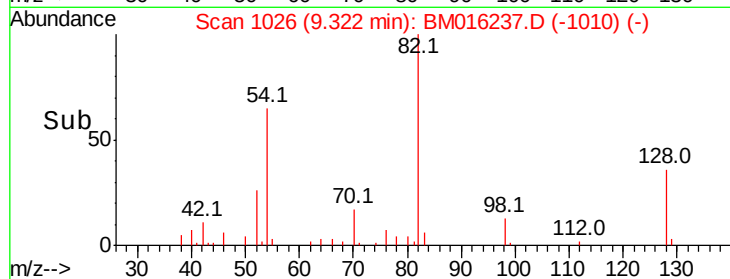
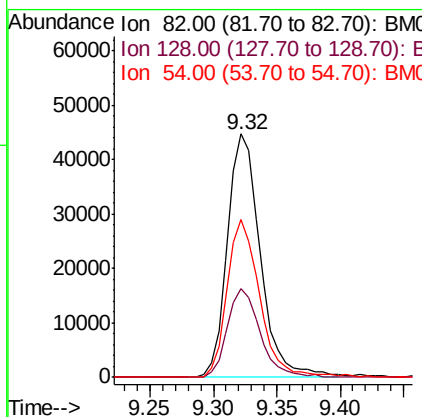
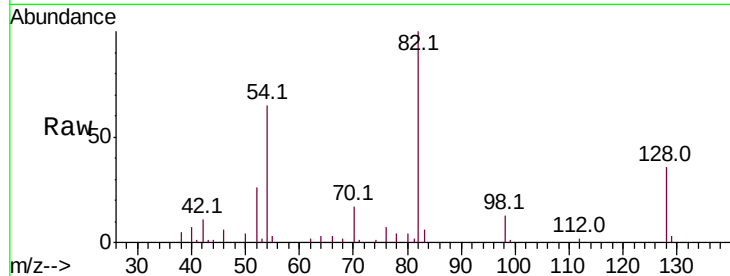




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

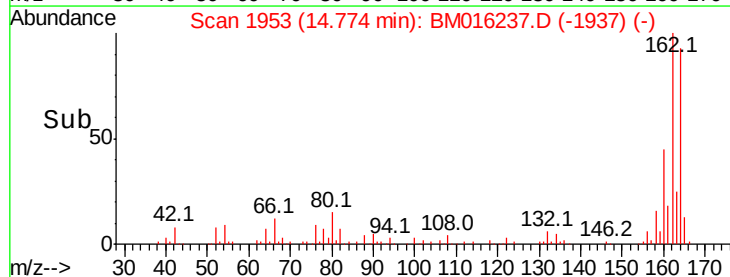
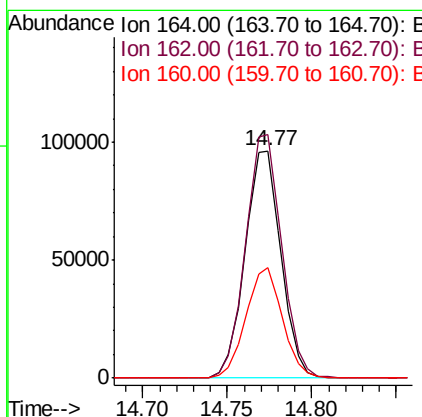
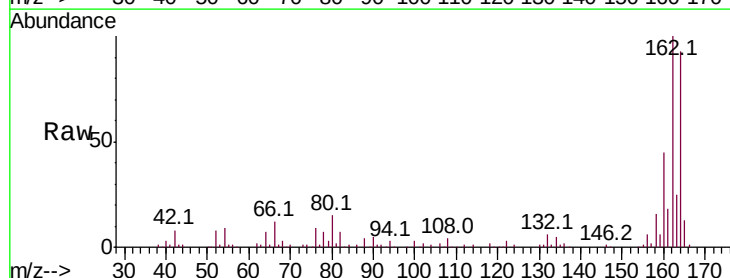
Instrument :
BNA_M
ClientSampled :
72-11930

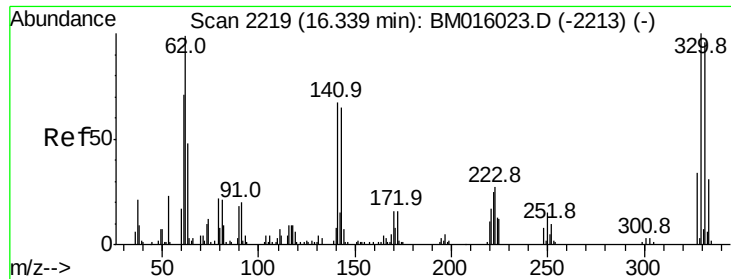
Tot Ion: 82 Resp: 80302
Ion Ratio Lower Upper
82 100
128 36.4 32.8 49.2
54 64.9 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:164 Resp: 142591
Ion Ratio Lower Upper
164 100
162 107.0 82.4 123.6
160 48.3 35.8 53.6

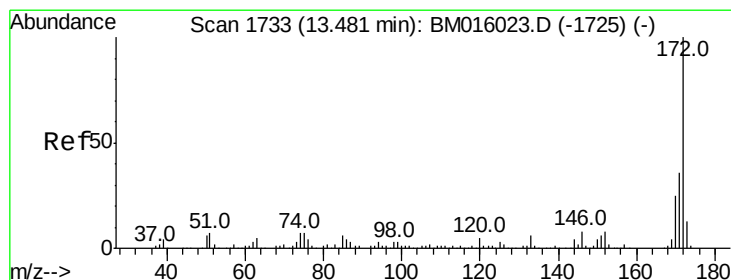
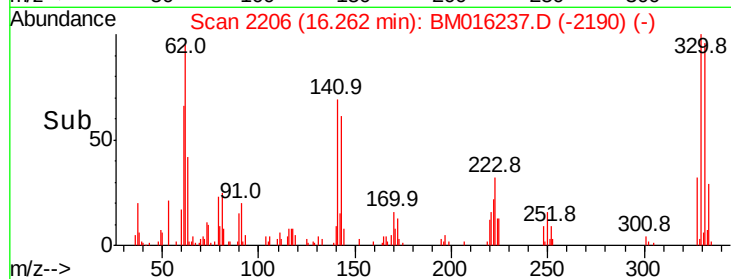
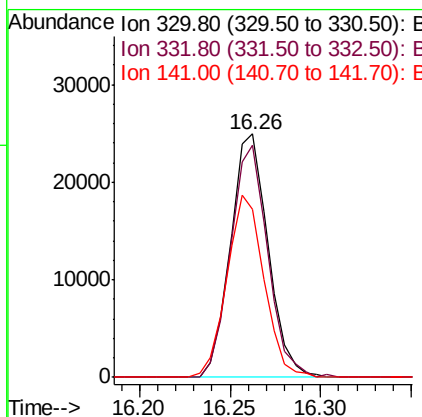
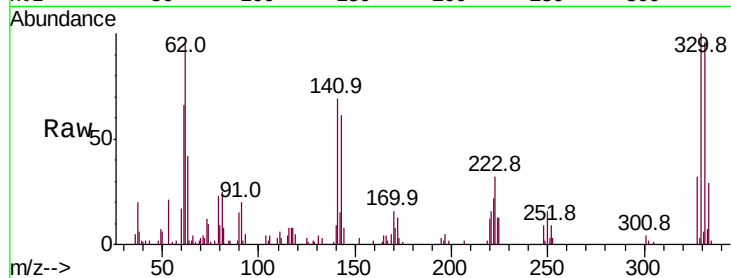




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

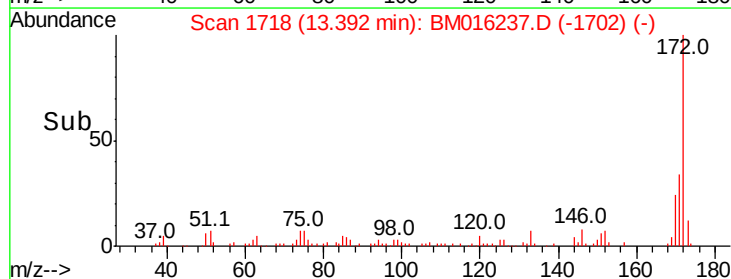
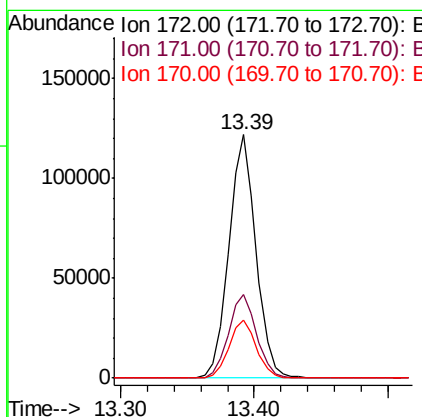
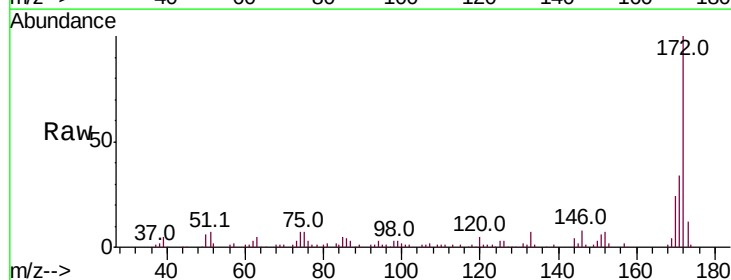
Instrument :
 BNA_M
 ClientSampleId :
 72-11930

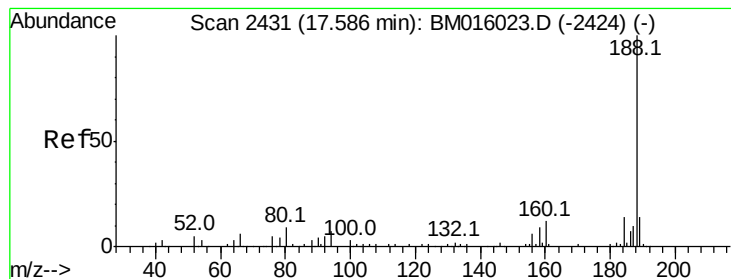
Tot Ion:330 Resp: 36015
 Ion Ratio Lower Upper
 330 100
 332 94.0 0.0 0.0#
 141 73.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion:172 Resp: 171837
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.9 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

72-11930

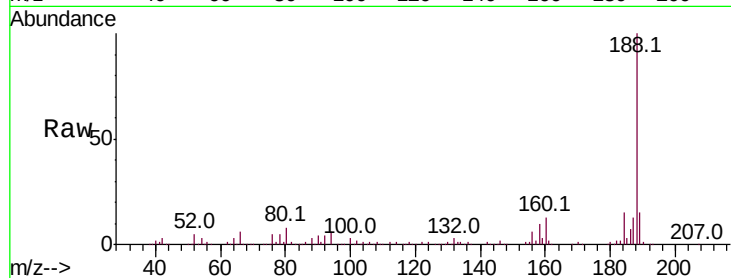
Tot Ion:188 Resp: 325953

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

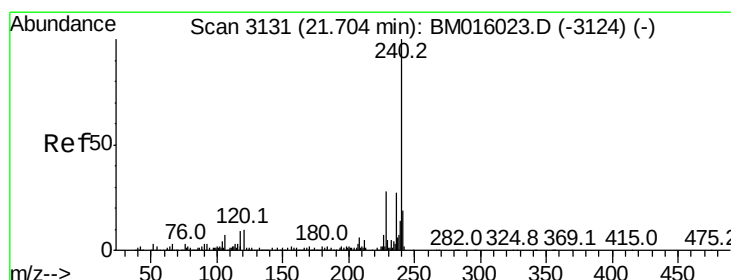
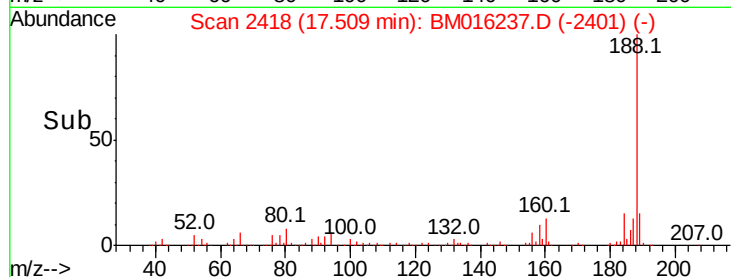
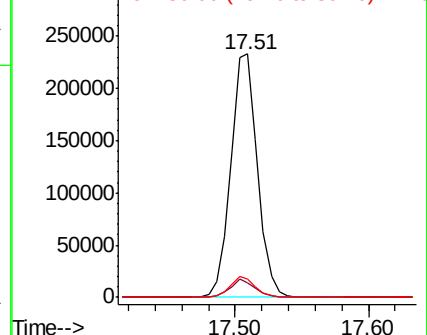
80 7.8 9.3 13.9#



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: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

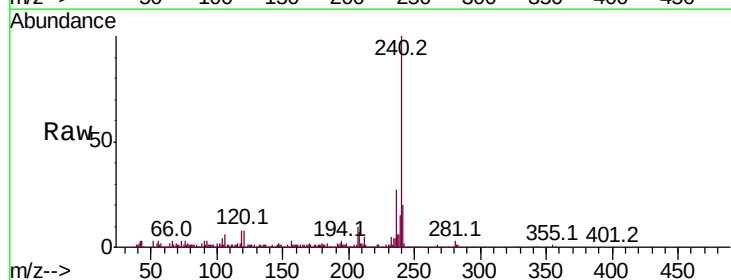
Tgt Ion:240 Resp: 323559

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

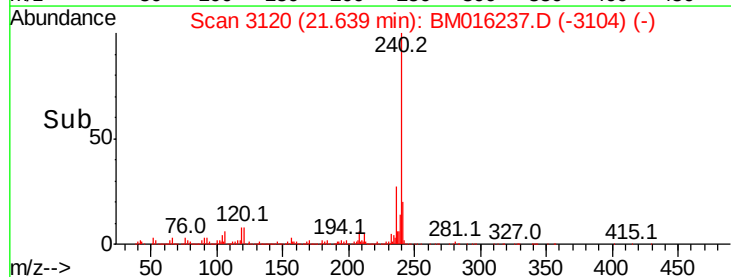
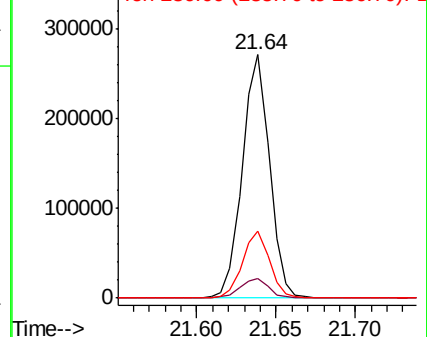
236 27.3 20.0 30.0

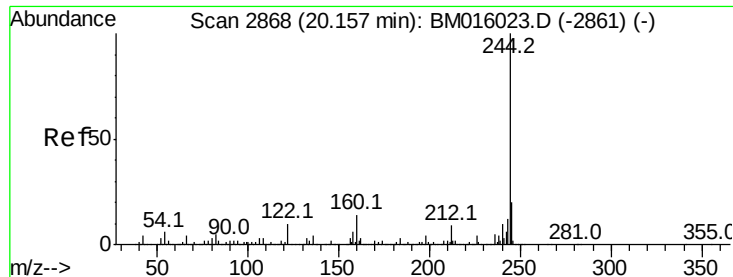


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 20.09 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

72-11930

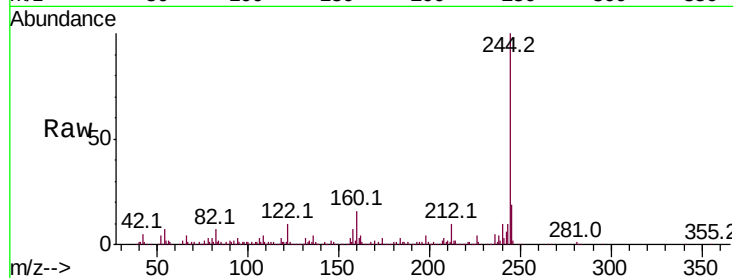
Tot Ion:244 Resp: 283990

Ion Ratio Lower Upper

244 100

212 9.9 4.9 7.3#

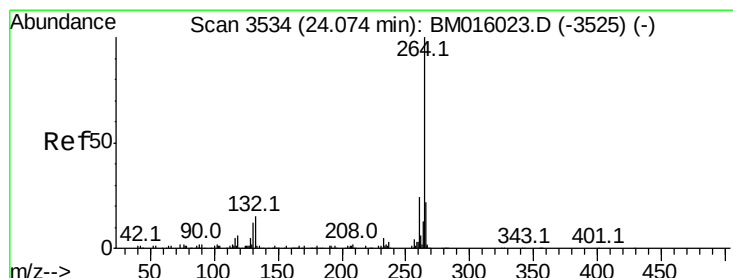
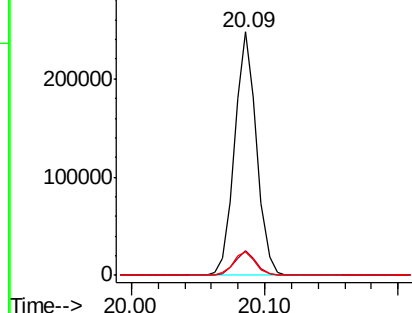
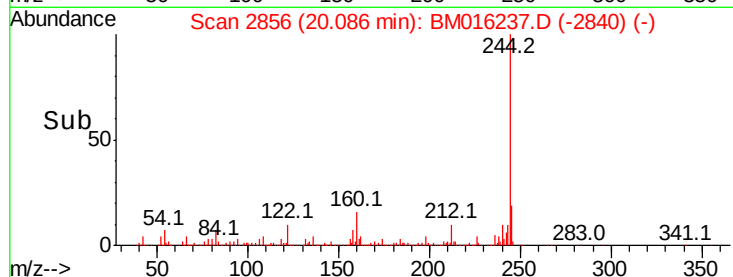
122 9.7 6.2 9.4#



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: 23.98 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

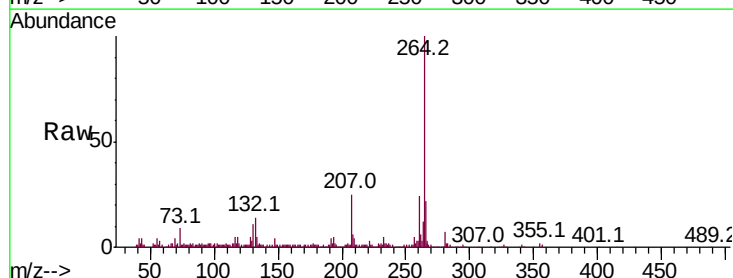
Tgt Ion:264 Resp: 281855

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.1 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

