

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016251.D
 Acq On : 08 Aug 2018 15:51
 Operator : SJ/JU
 Sample : J4283-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 16:25:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	43683	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	170479	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	82853	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	163269	20.00	ng	0.00
75) Chrysene-d12	21.63	240	172073	20.00	ng	0.00
86) Perylene-d12	23.97	264	195543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	42412	16.13	ng	0.00
7) Phenol-d6	7.30	99	52742	15.36	ng	0.00
23) Nitrobenzene-d5	9.33	82	36747	10.03	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	12895	12.27	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	68544	10.07	ng	0.00
78) Terphenyl-d14	20.09	244	81425	9.91	ng	0.00

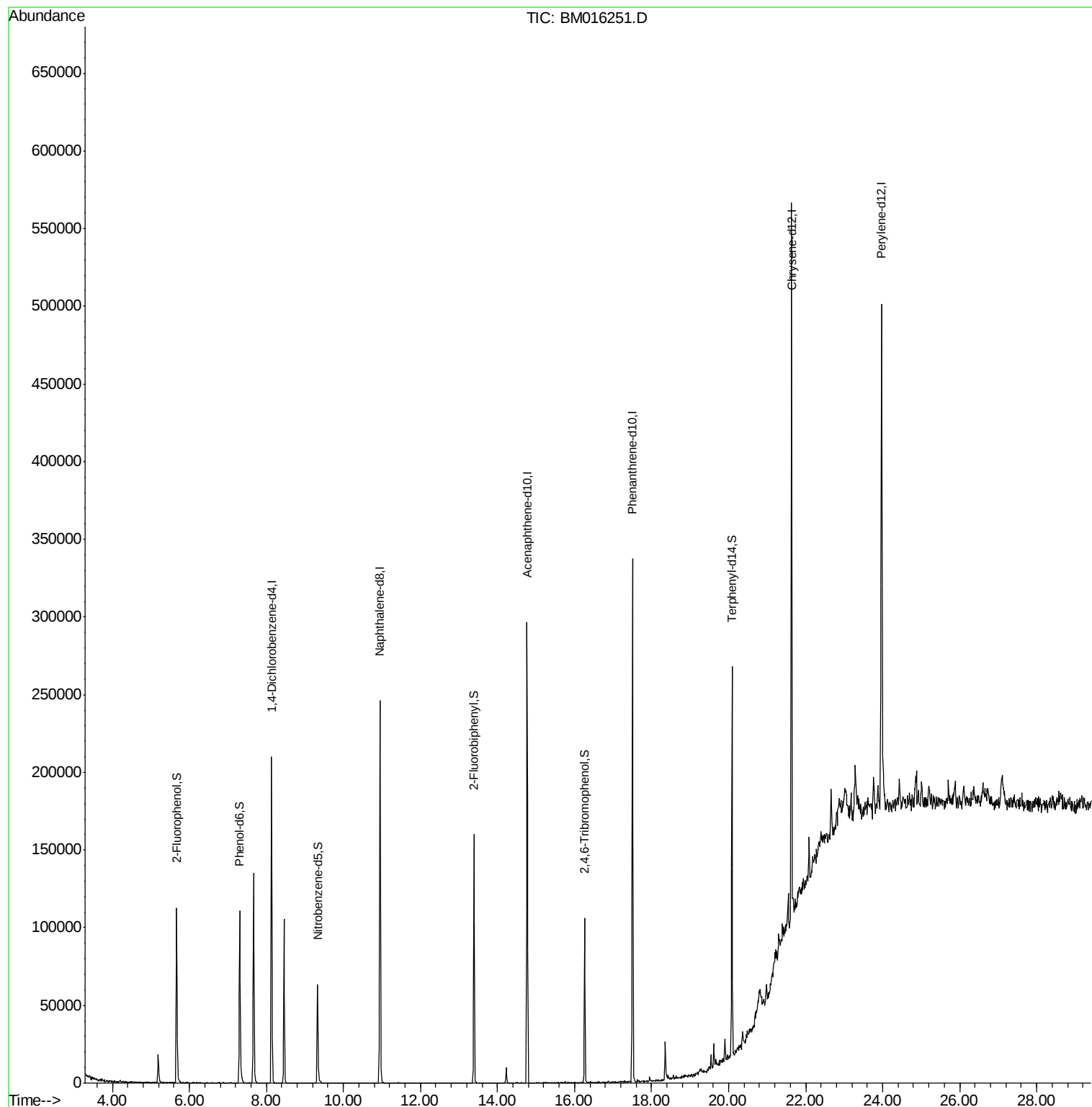
Target Compounds Qvalue

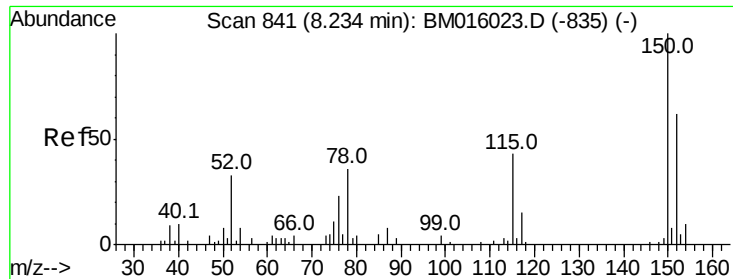
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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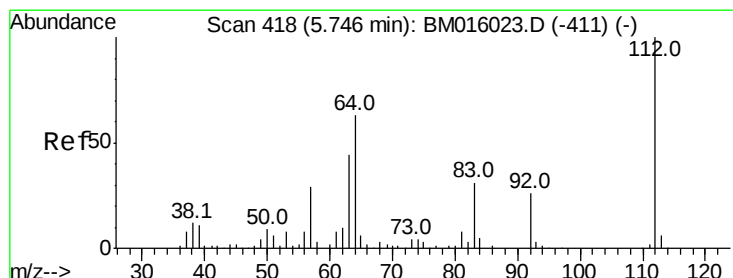
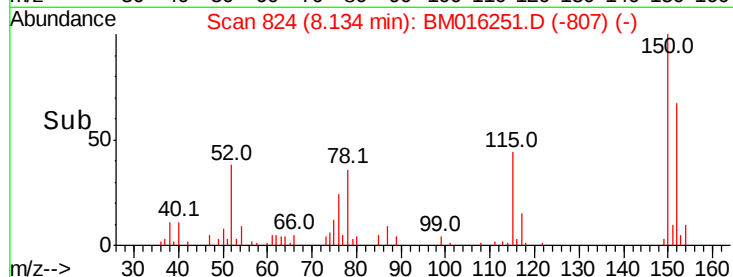
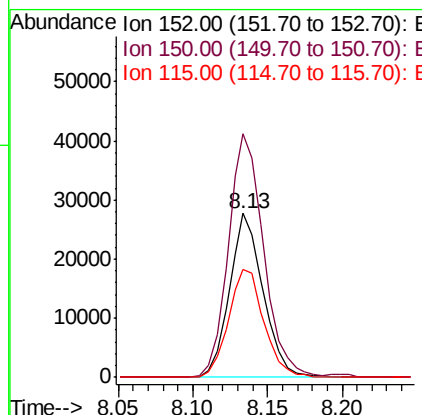
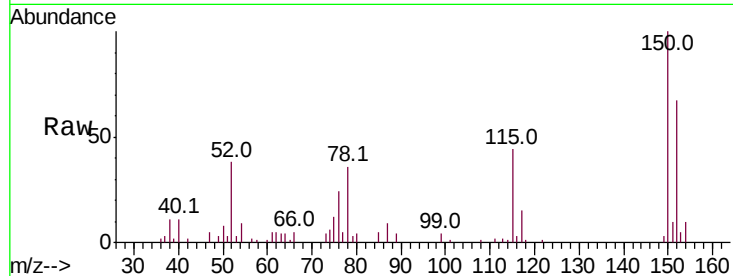


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Instrument :
 BNA_M
 ClientSampled :

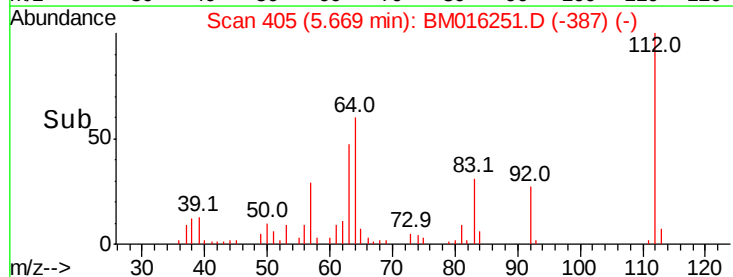
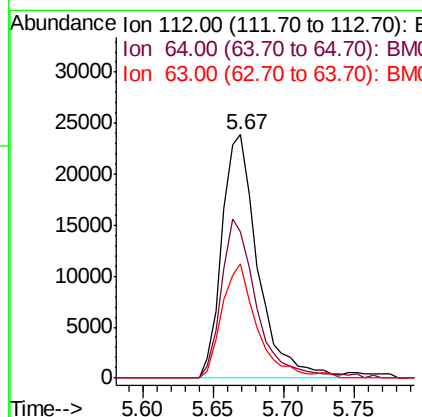
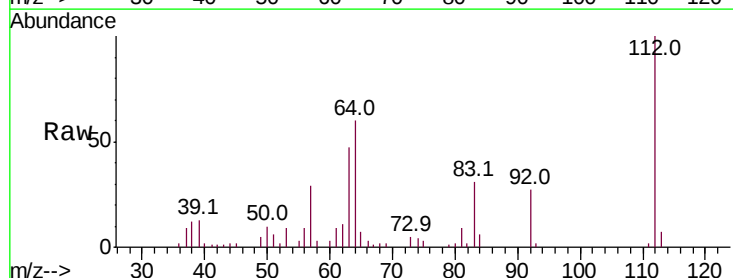
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	65.8	43.0	64.4#



#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	47.0	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016251.D

Acq: 08 Aug 2018 15:51

Instrument :

BNA_M

ClientSampleId :

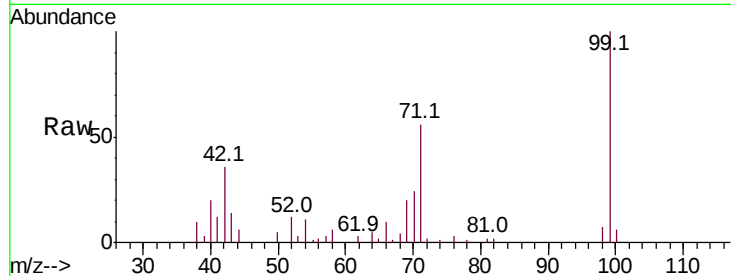
Tot Ion: 99 Resp: 52742

Ion Ratio Lower Upper

99 100

42 36.1 11.0 16.4#

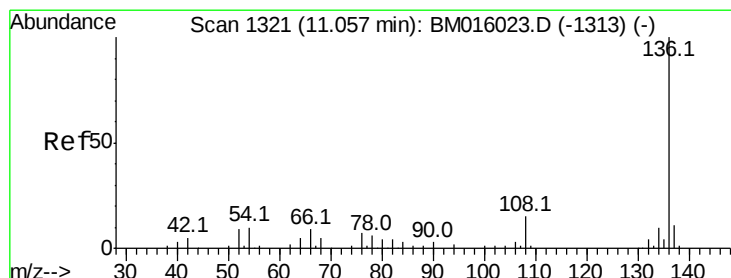
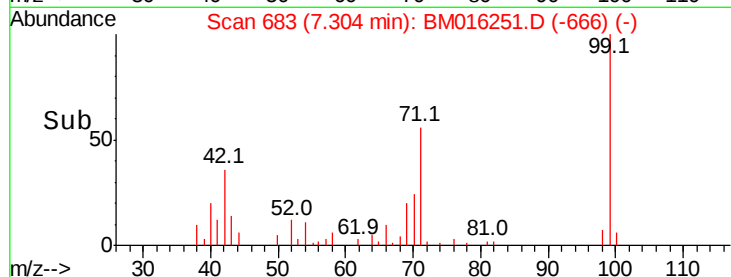
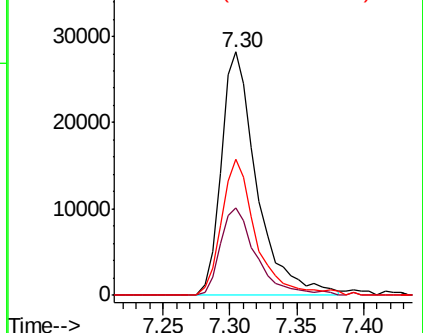
71 55.7 23.4 35.2#



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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016251.D

Acq: 08 Aug 2018 15:51

Tgt Ion: 136 Resp: 170479

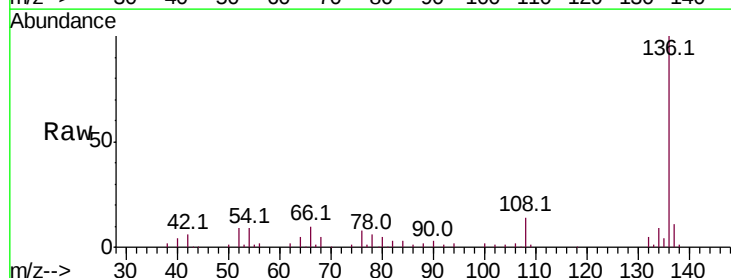
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 9.1 4.6 6.8#

68 4.9 3.7 5.5

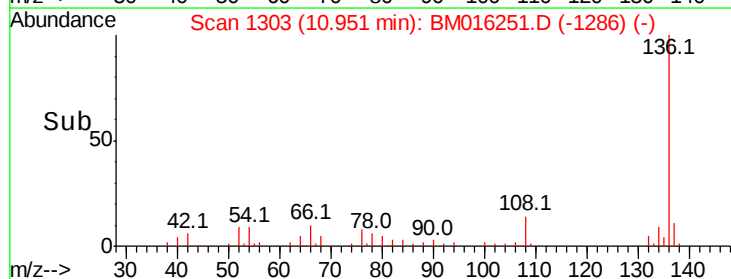
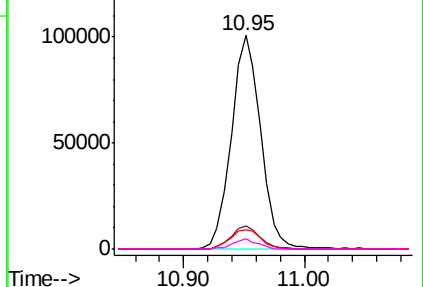


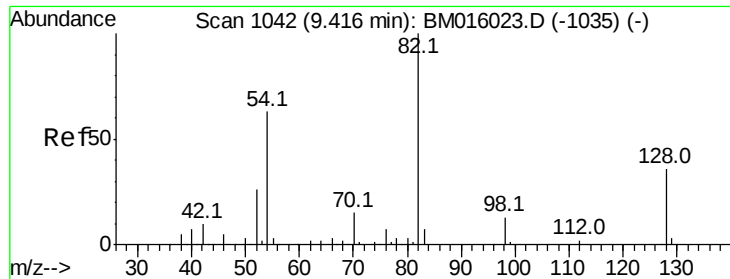
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

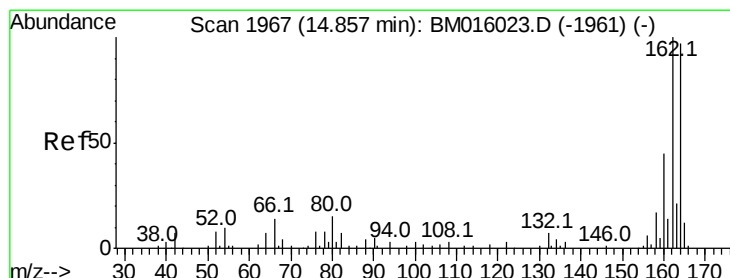
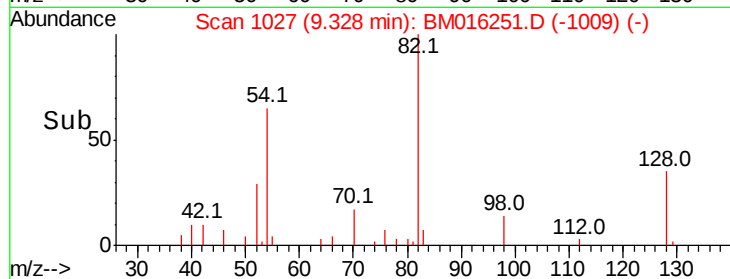
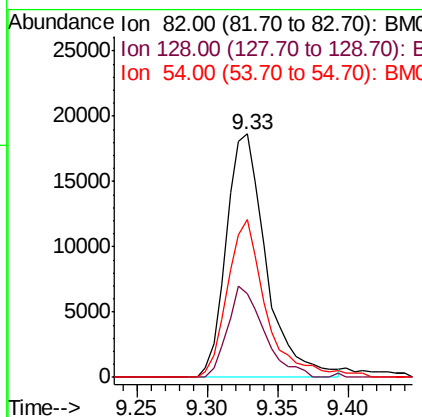
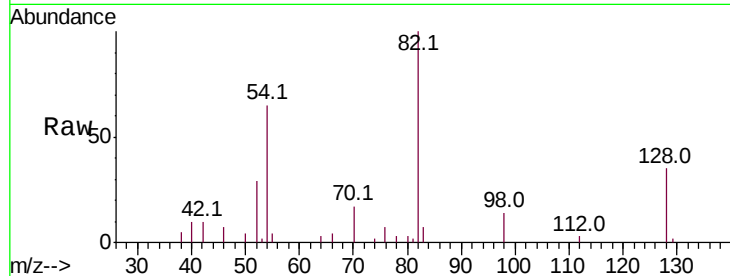




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.33 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BM016251.D
Acq: 08 Aug 2018 15:51

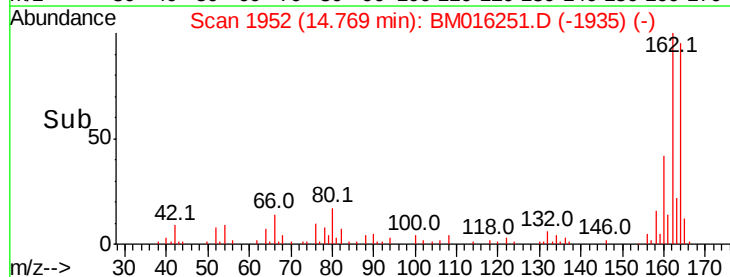
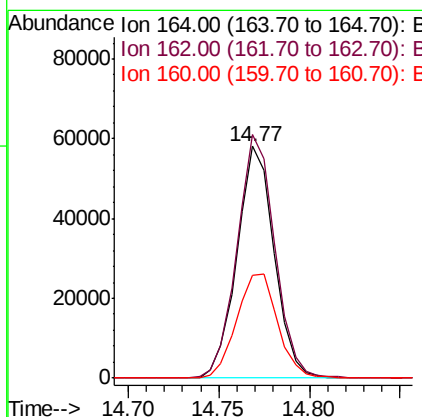
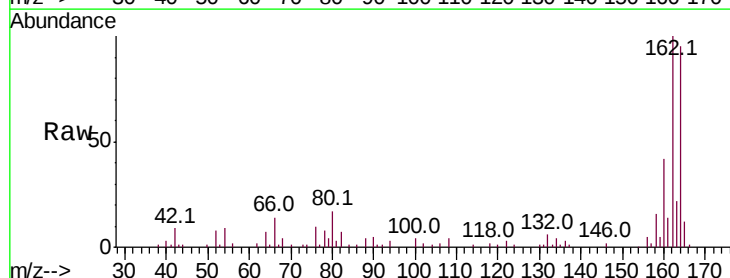
Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 36747
Ion Ratio Lower Upper
82 100
128 34.6 32.8 49.2
54 65.1 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016251.D
Acq: 08 Aug 2018 15:51

Tgt Ion:164 Resp: 82853
Ion Ratio Lower Upper
164 100
162 105.1 82.4 123.6
160 44.3 35.8 53.6

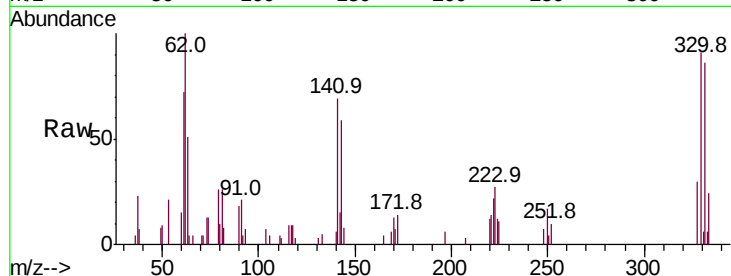




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	73.7	0.0	0.0#

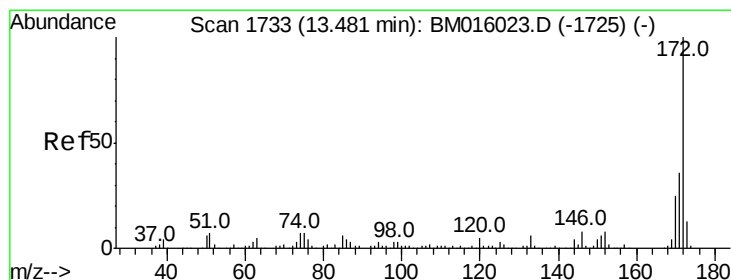
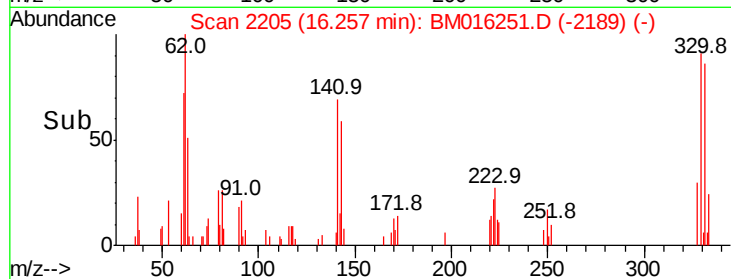
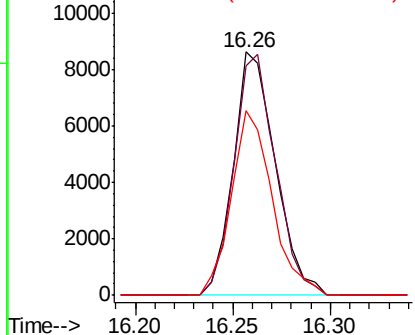


Abundance

Ion 329.80 (329.50 to 330.50): E

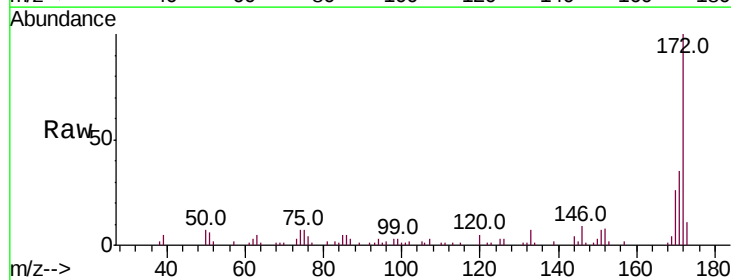
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	25.6	18.8	28.2

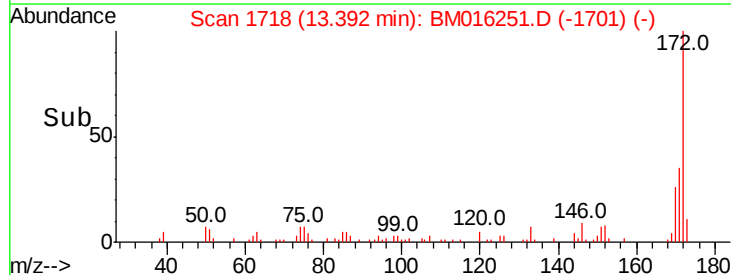
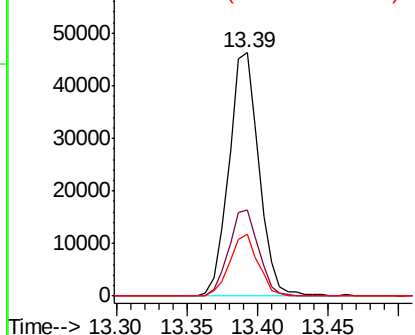


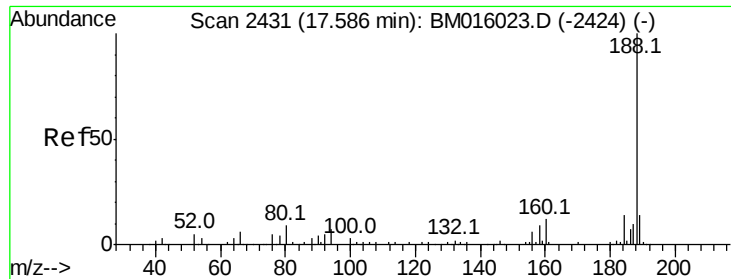
Abundance

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

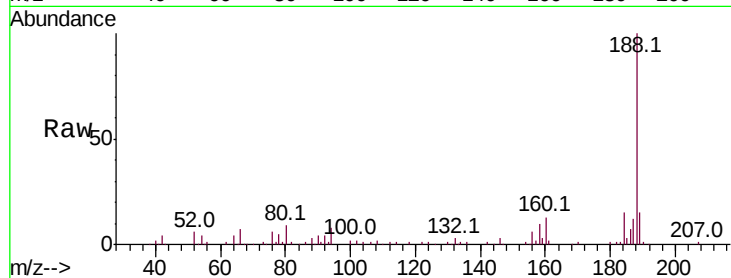




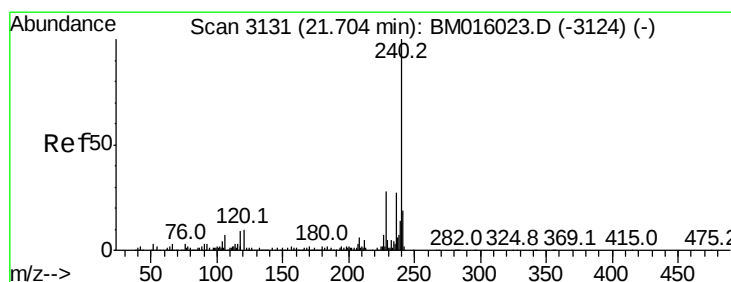
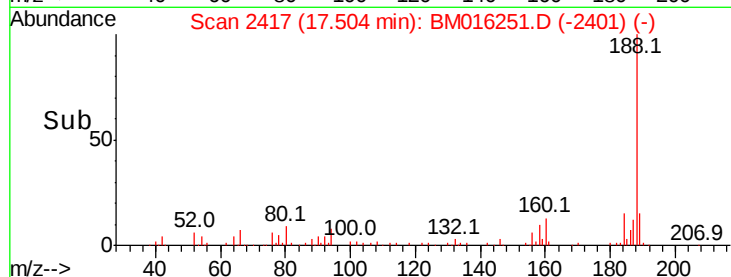
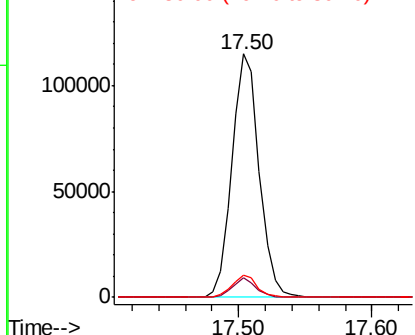
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016251.D
Acq: 08 Aug 2018 15:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 163269
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.9 9.3 13.9#

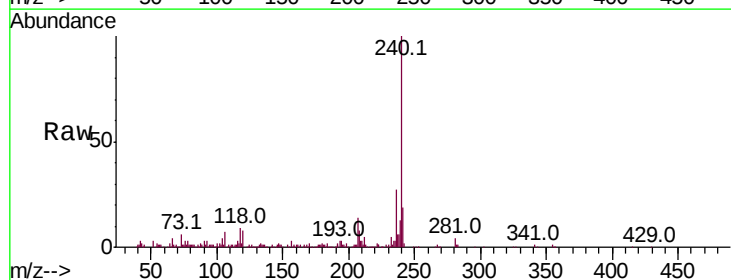


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

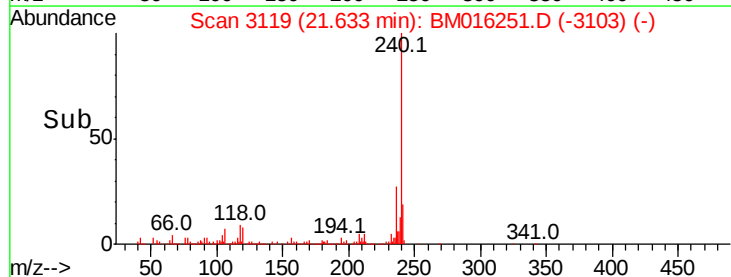
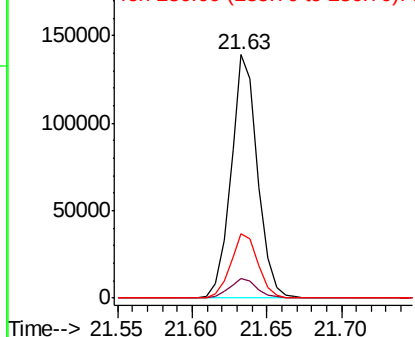


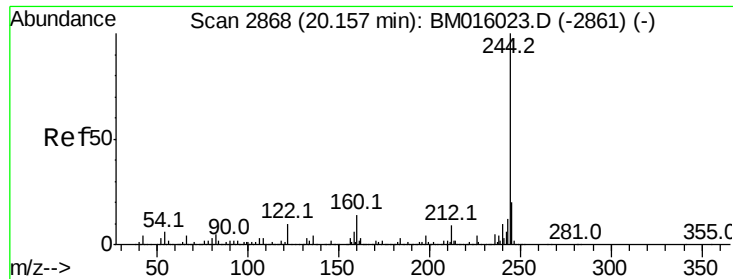
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016251.D
Acq: 08 Aug 2018 15:51

Tgt Ion:240 Resp: 172073
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 26.7 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

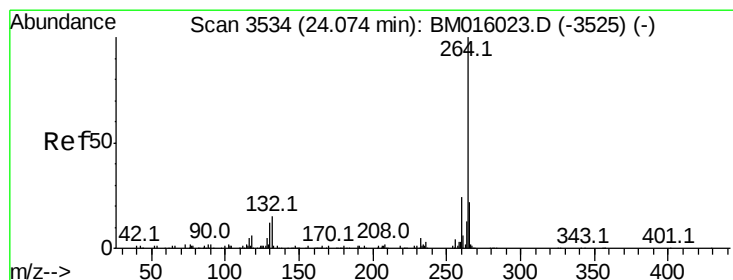
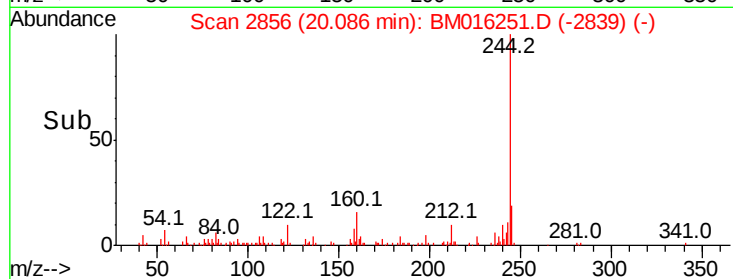
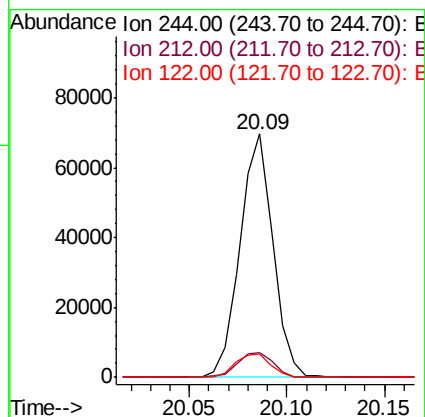
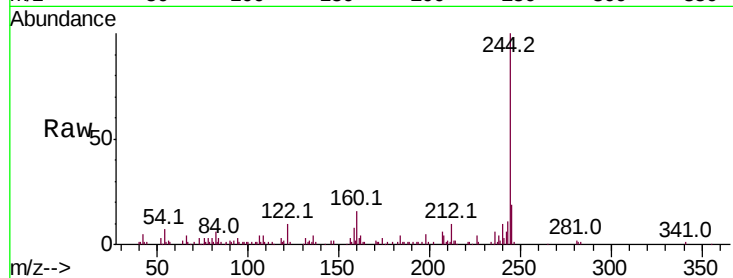




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.09 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	9.5	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. 0.00 min
 Lab File: BM016251.D
 Acq: 08 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	22.6	17.3	25.9

