

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016316.D
 Acq On : 11 Aug 2018 03:19
 Operator : SJ/JU
 Sample : J4272-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-J

Quant Time: Aug 11 06:55:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	29133	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	94781	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	42692	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	80966	20.00	ng	-0.02
75) Chrysene-d12	21.63	240	94375	20.00	ng	-0.01
86) Perylene-d12	23.96	264	112012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	274299	156.40	ng	0.00
7) Phenol-d6	7.30	99	282086	123.16	ng	0.00
23) Nitrobenzene-d5	9.31	82	255120	125.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	81097	149.77	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	440972	125.68	ng	-0.01
78) Terphenyl-d14	20.07	244	609015	135.08	ng	-0.01

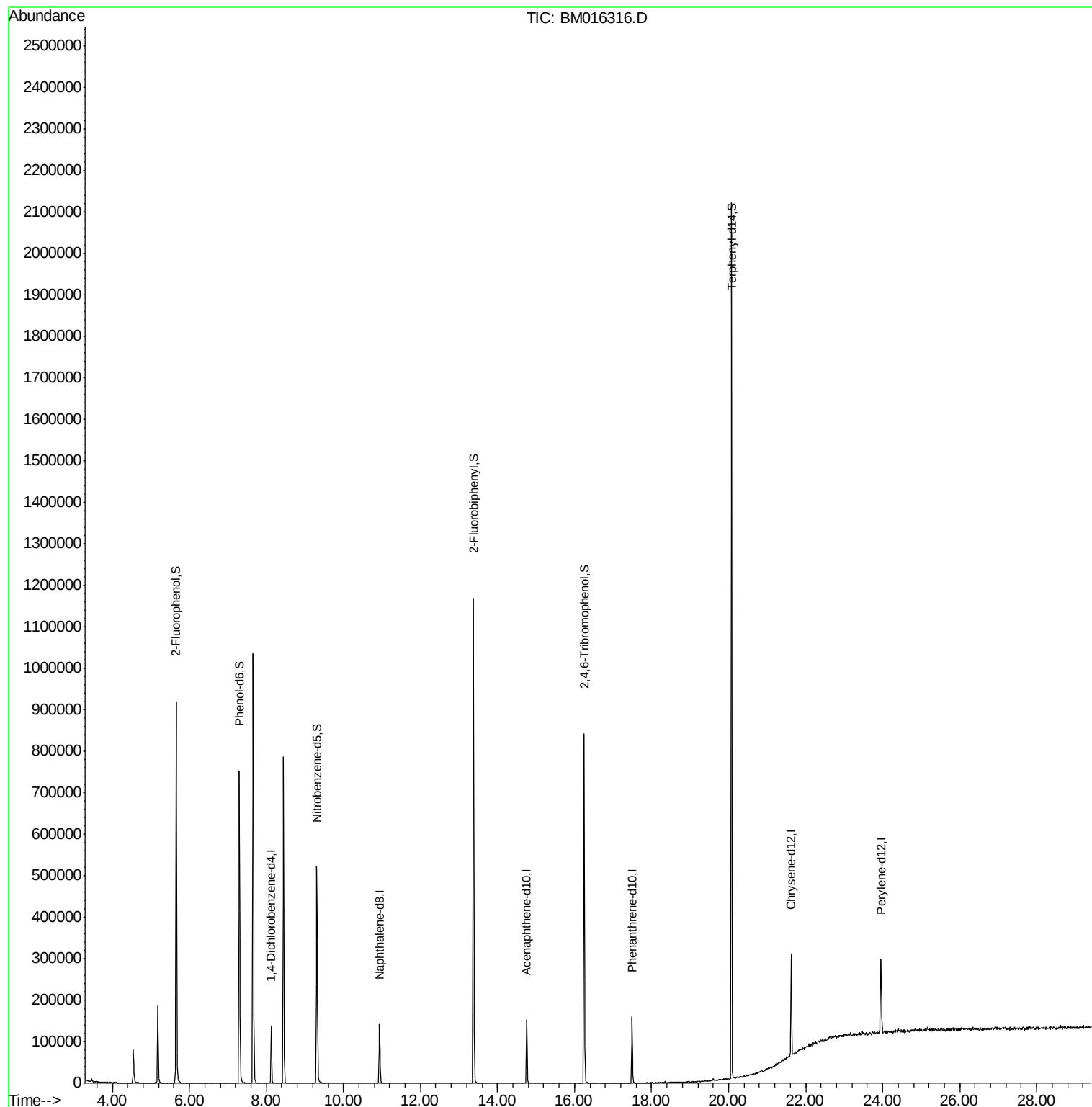
Target Compounds	Qvalue
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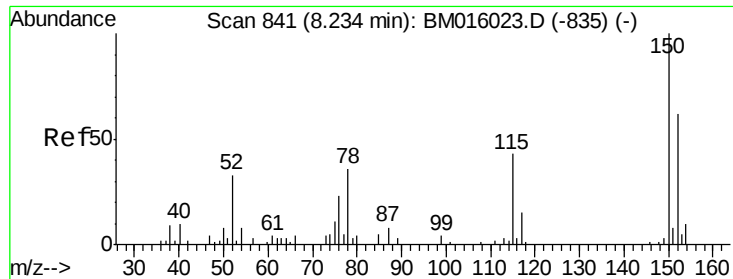
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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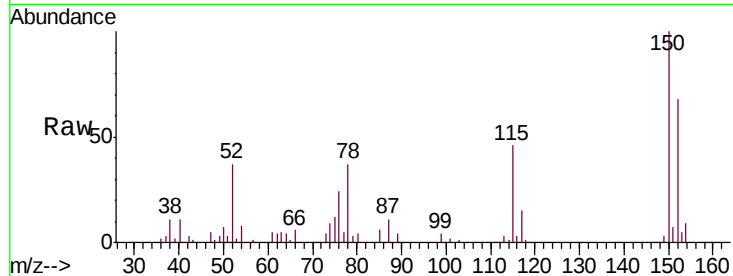




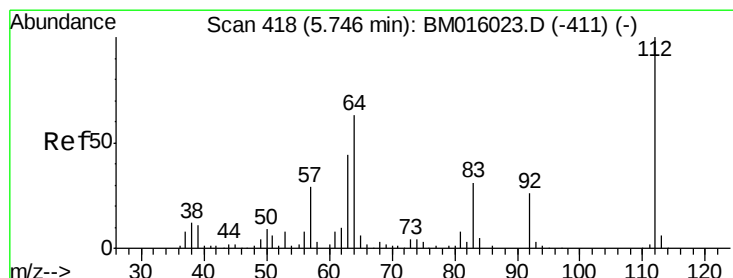
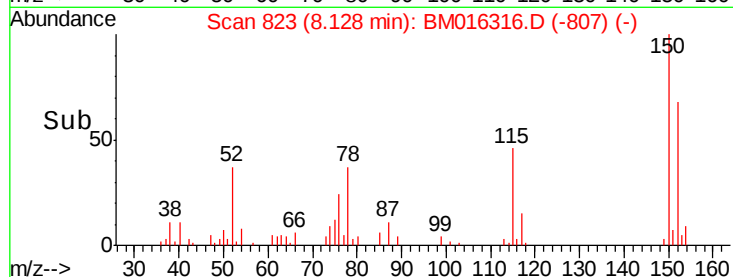
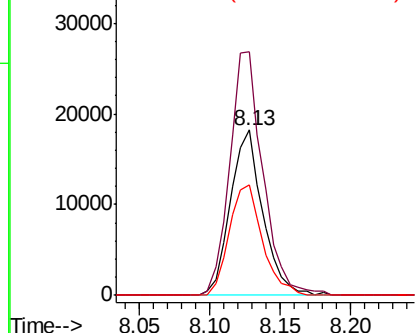
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-J

Tgt Ion:152 Resp: 29133
 Ion Ratio Lower Upper
 152 100
 150 147.5 119.5 179.3
 115 67.2 43.0 64.4#

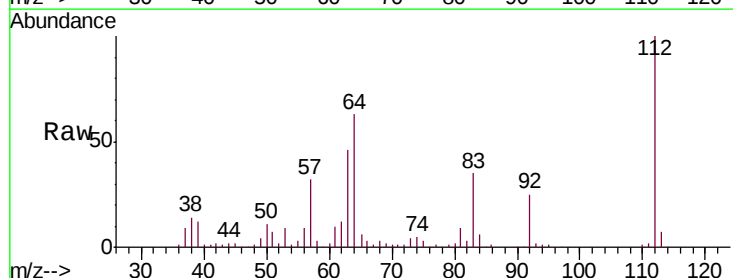


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

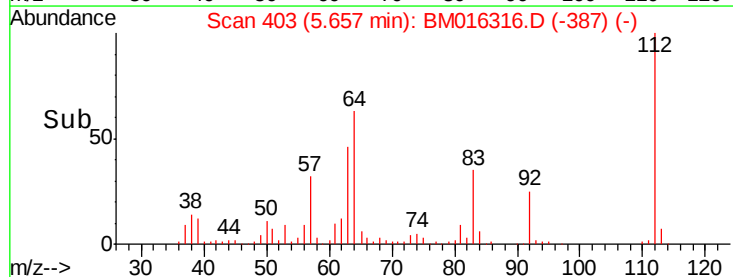
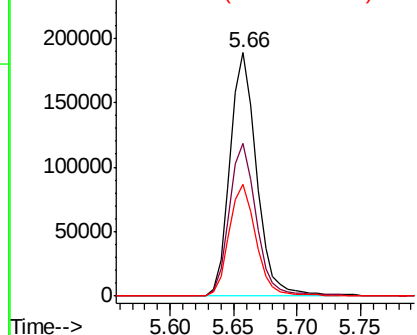


#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

Tgt Ion:112 Resp: 274299
 Ion Ratio Lower Upper
 112 100
 64 62.9 38.6 57.8#
 63 46.1 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# 682

Delta R.T. -0.01 min

Lab File: BM016316.D

Acq: 11 Aug 2018 03:19

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-J

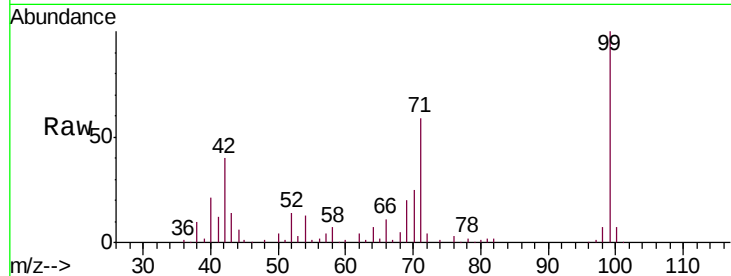
Tgt Ion: 99 Resp: 282086

Ion Ratio Lower Upper

99 100

42 40.3 11.0 16.4#

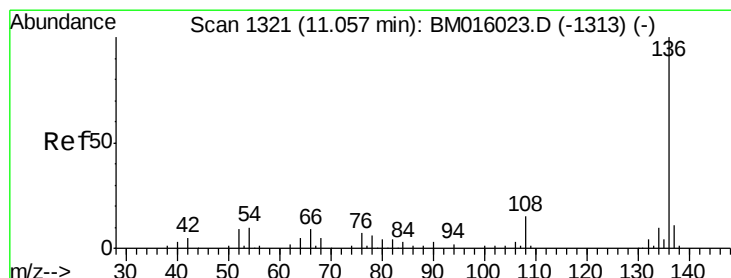
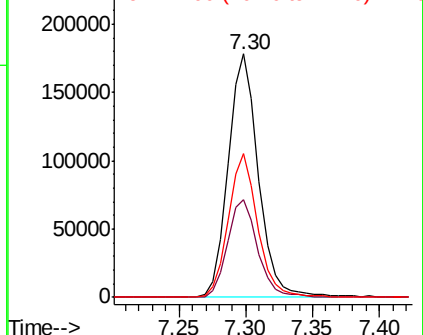
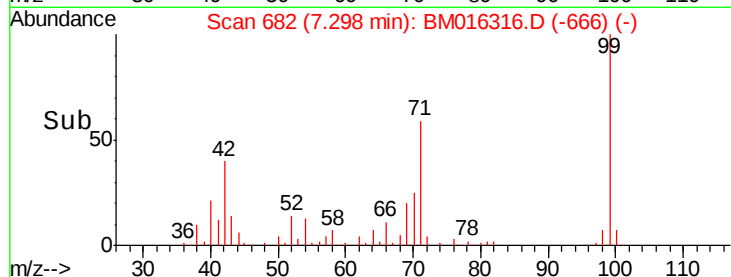
71 58.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016316.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016316.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016316.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016316.D

Acq: 11 Aug 2018 03:19

Tgt Ion: 136 Resp: 94781

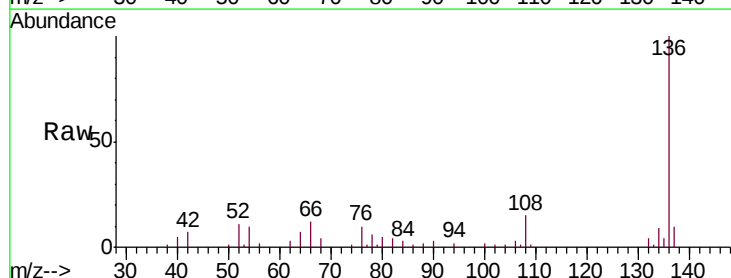
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 9.7 4.6 6.8#

68 3.9 3.7 5.5

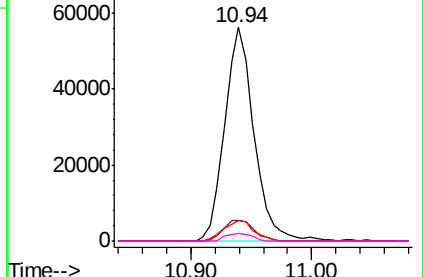
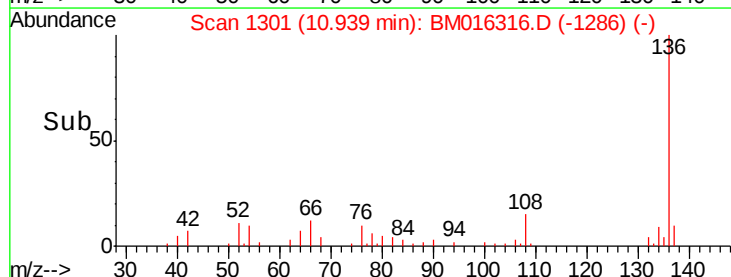


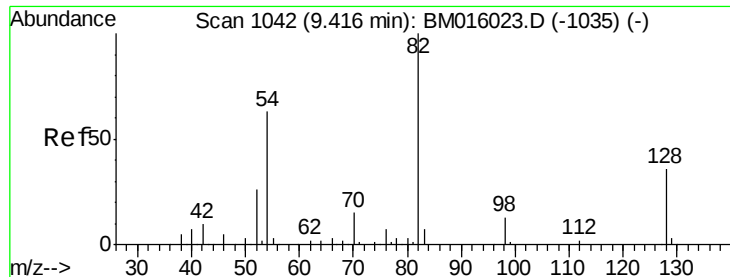
Abundance Ion 136.00 (135.70 to 136.70): BM016316.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016316.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016316.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016316.D (-1286) (-)

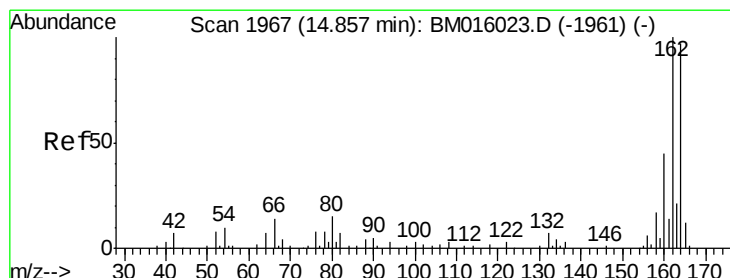
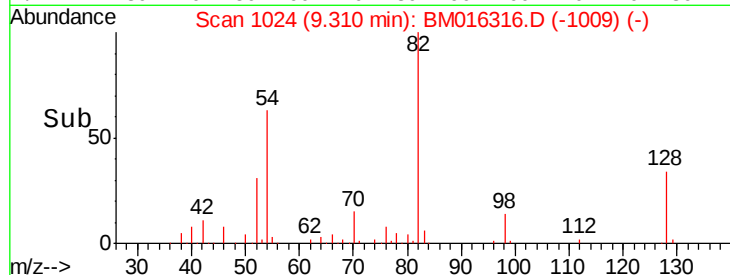
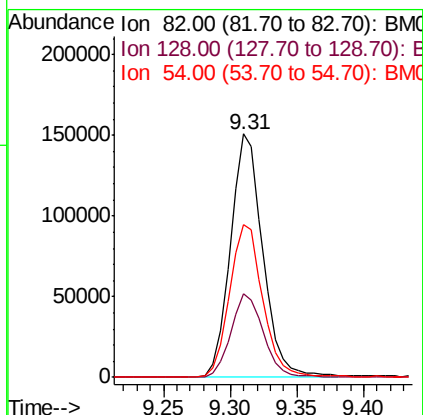
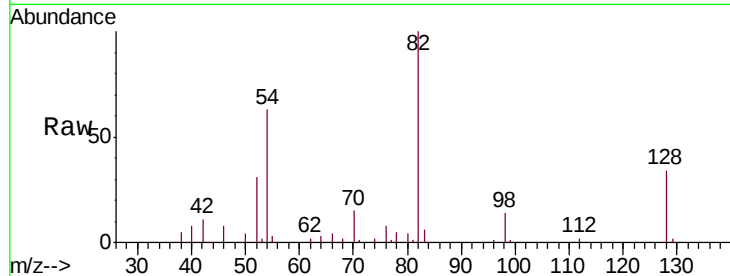




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

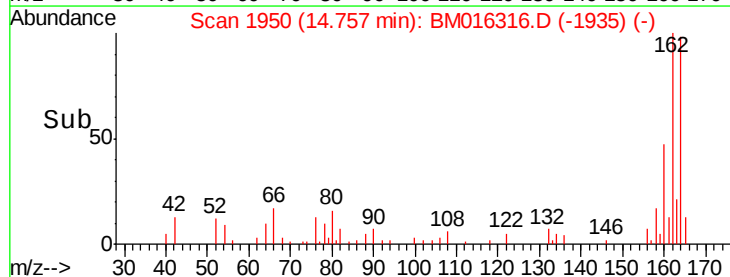
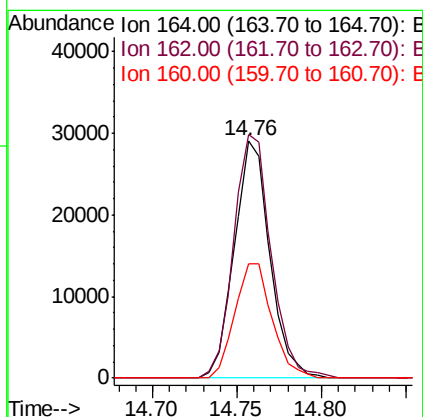
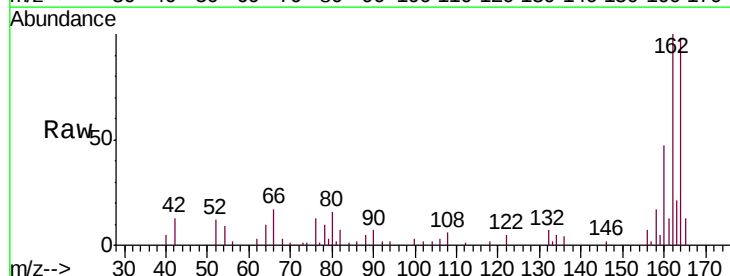
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-J

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	62.7	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	48.1	35.8	53.6

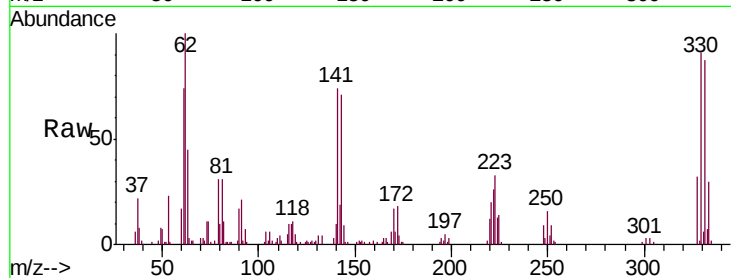




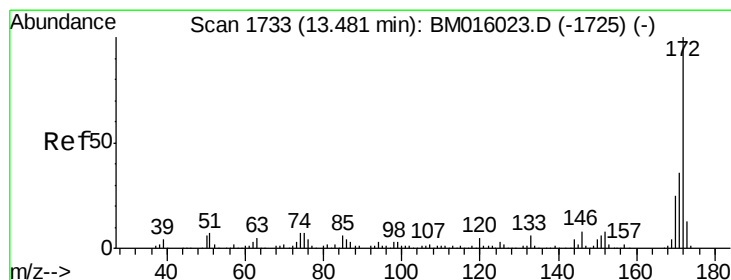
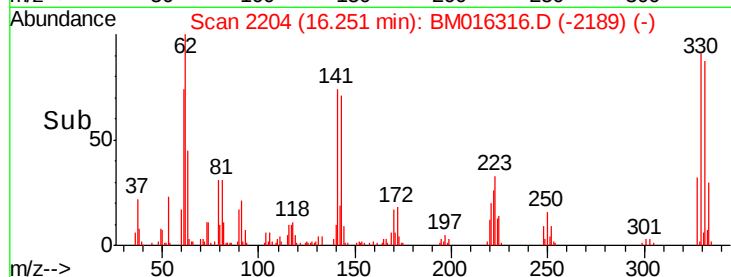
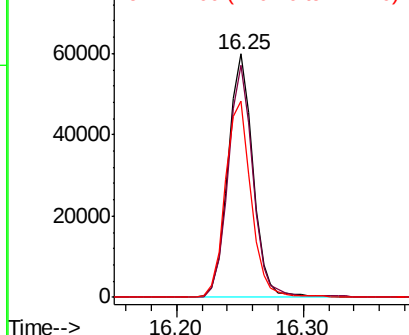
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-J

Tgt Ion: 330 Resp: 81097
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 83.7 0.0 0.0#

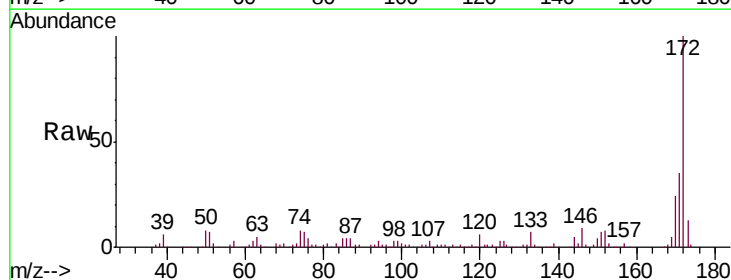


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

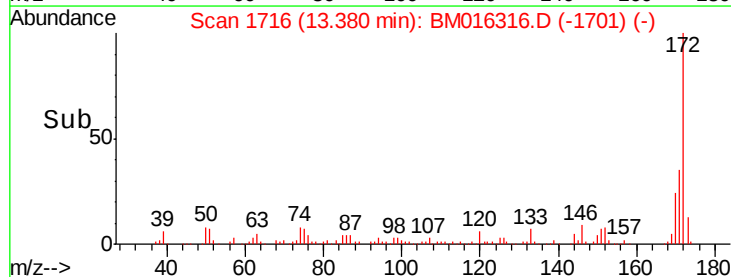
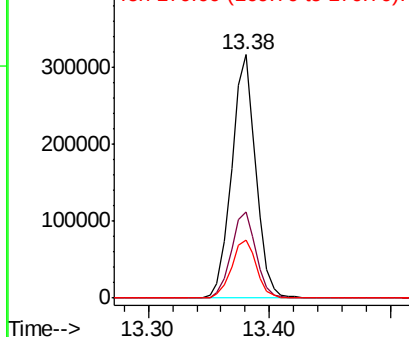


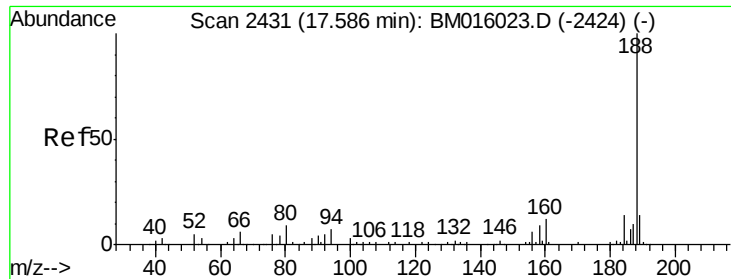
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016316.D
 Acq: 11 Aug 2018 03:19

Tgt Ion: 172 Resp: 440972
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 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

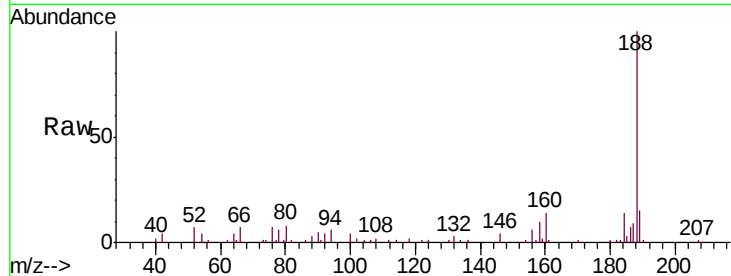




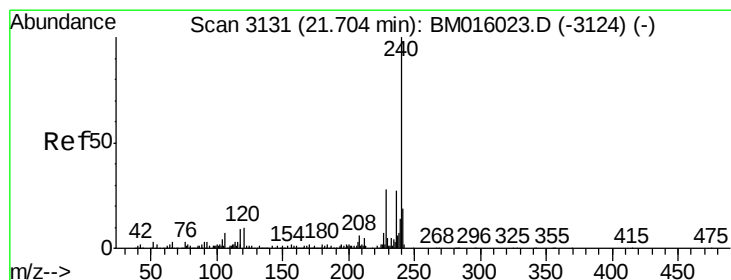
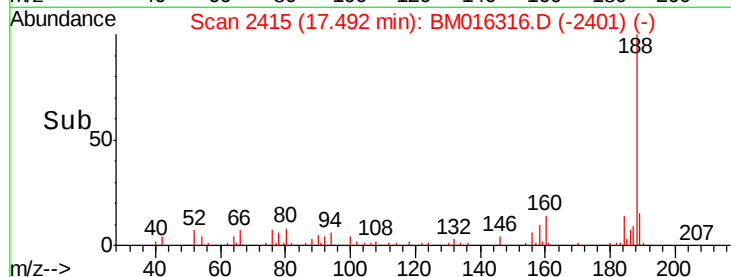
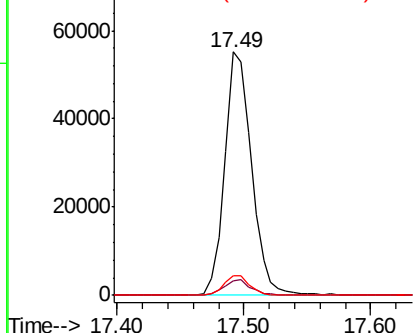
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016316.D
Acq: 11 Aug 2018 03:19

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-J

Tgt Ion:188 Resp: 80966
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.0 9.3 13.9#

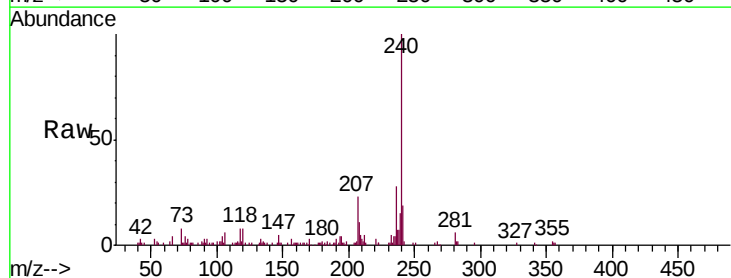


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

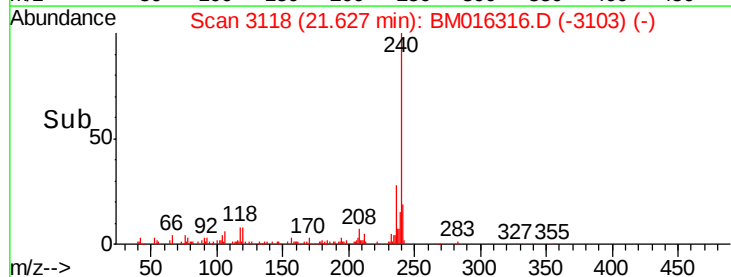
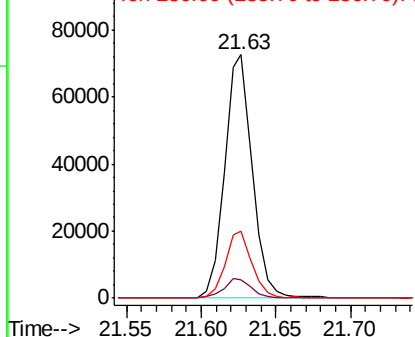


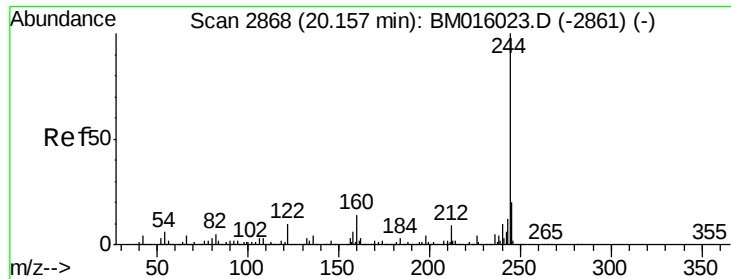
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016316.D
Acq: 11 Aug 2018 03:19

Tgt Ion:240 Resp: 94375
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 27.5 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: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016316.D

Acq: 11 Aug 2018 03:19

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-J

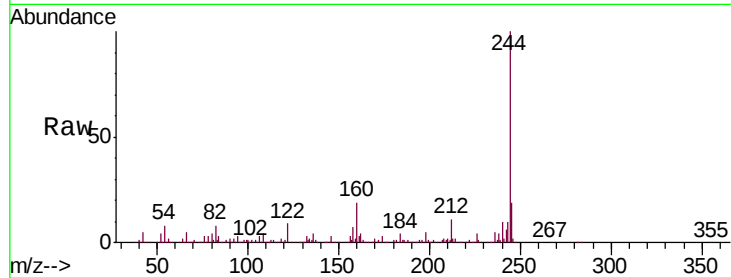
Tgt Ion:244 Resp: 609015

Ion Ratio Lower Upper

244 100

212 11.2 4.9 7.3#

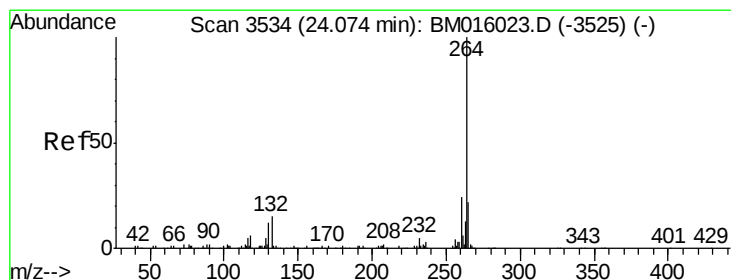
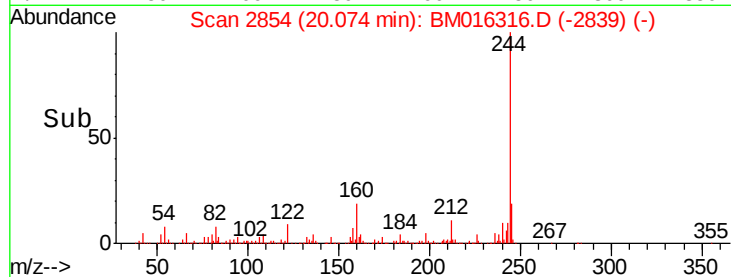
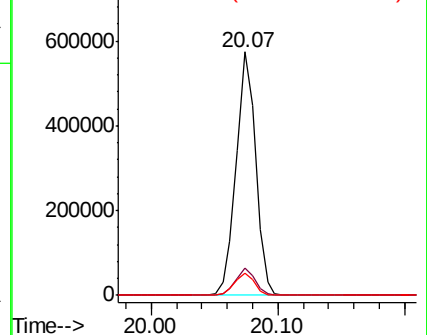
122 9.1 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.96 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BM016316.D

Acq: 11 Aug 2018 03:19

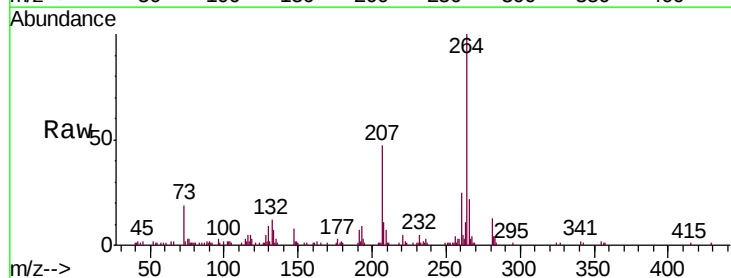
Tgt Ion:264 Resp: 112012

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 22.0 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

