

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016205.D
 Acq On : 06 Aug 2018 23:36
 Operator : SJ/JU
 Sample : J4339-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-CONCRETE-1

Quant Time: Aug 07 05:05:59 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

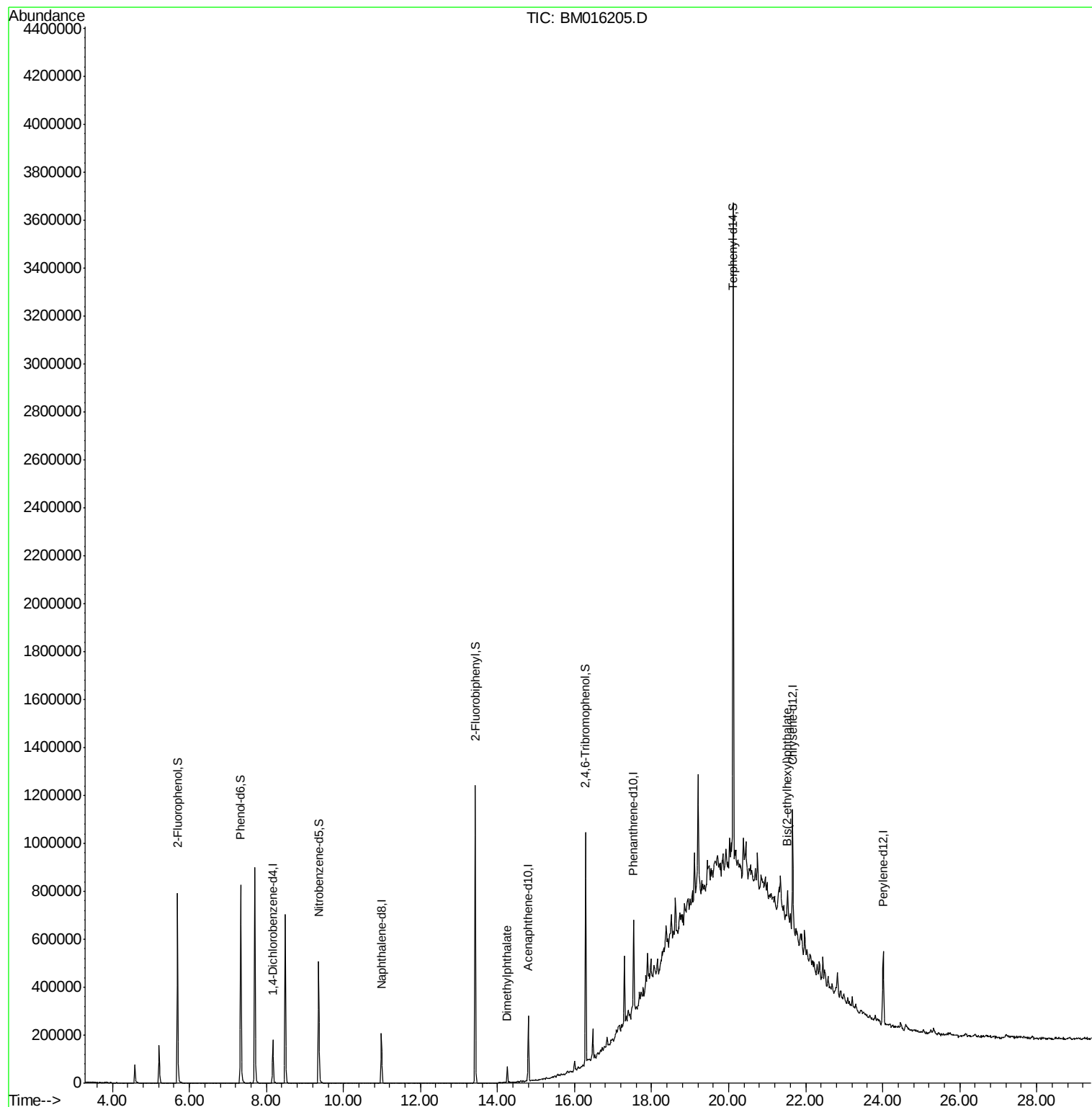
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38784	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	144357	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	77434	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	168957	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	186419	20.00	ng	-0.04
86) Perylene-d12	24.01	264	185899	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	263046	112.66	ng	-0.05
7) Phenol-d6	7.33	99	337086	110.55	ng	-0.05
23) Nitrobenzene-d5	9.36	82	253408	81.65	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	96343	98.10	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	481798	75.71	ng	-0.06
78) Terphenyl-d14	20.12	244	841615	94.50	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.25	163	37064	5.469	ng	# 98
83) Bis(2-ethylhexyl)phthalate	21.53	149	27971	3.401	ng	# 95

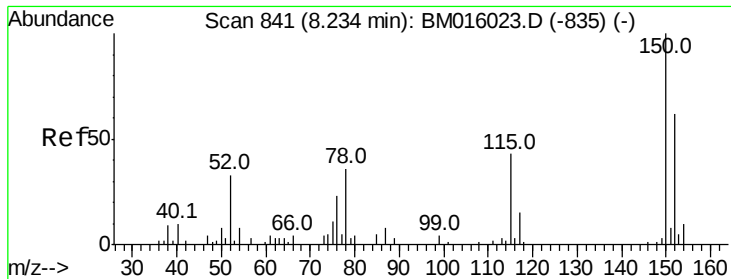
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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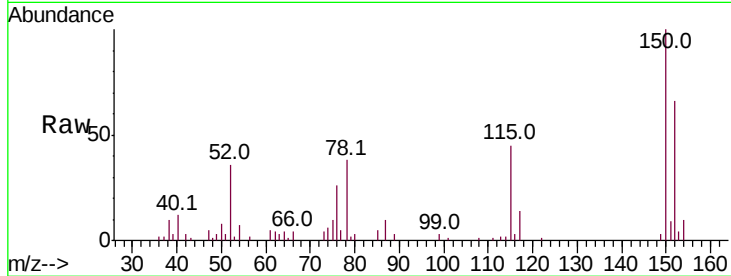


#1

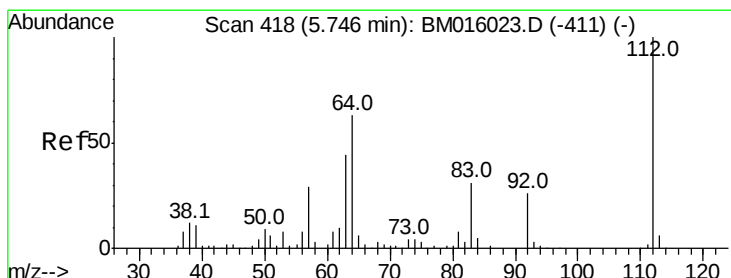
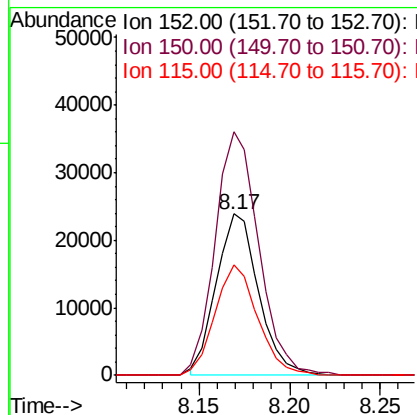
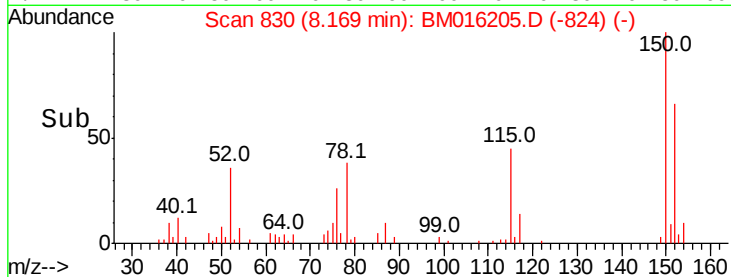
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

Instrument :
 BNA_M
 ClientSampleId :
 JC-CONCRETE-1

Tot Ion:152 Resp: 38784
 Ion Ratio Lower Upper
 152 100
 150 151.0 119.5 179.3
 115 68.5 43.0 64.4#



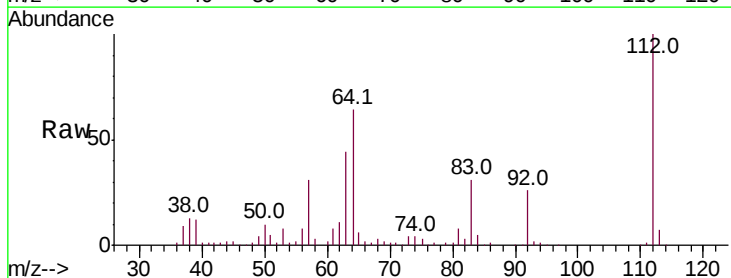
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



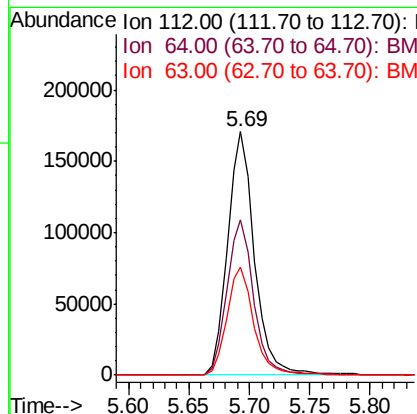
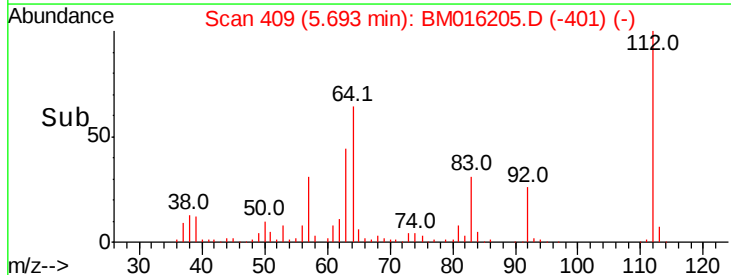
#5

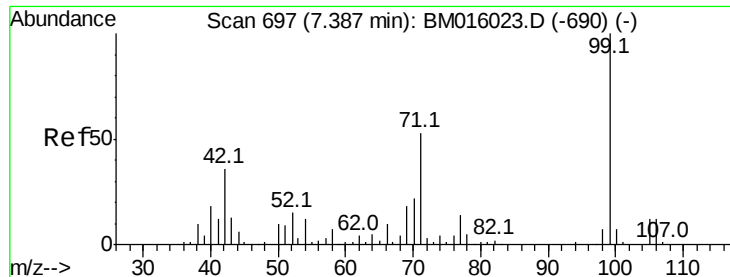
2-Fluorophenol
 Concen: Below ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

Tgt Ion:112 Resp: 263046
 Ion Ratio Lower Upper
 112 100
 64 63.8 38.6 57.8#
 63 44.4 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: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

Instrument :

BNA_M

ClientSampleId :

JC-CONCRETE-1

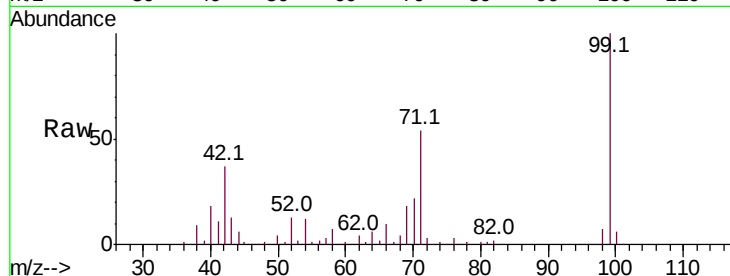
Tot Ion: 99 Resp: 337086

Ion Ratio Lower Upper

99 100

42 36.9 11.0 16.4#

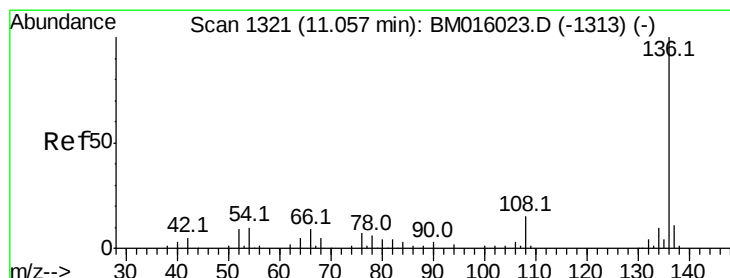
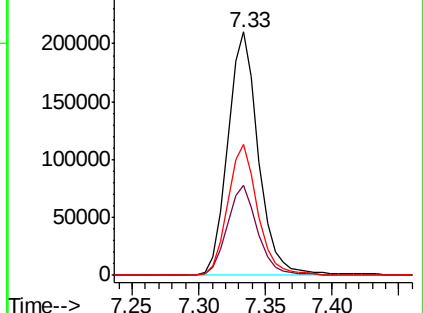
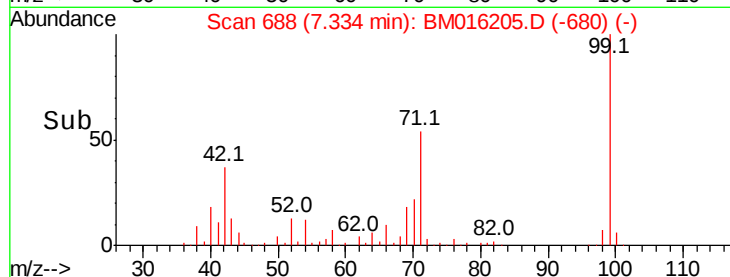
71 53.7 23.4 35.2#



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: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

Tgt Ion: 136 Resp: 144357

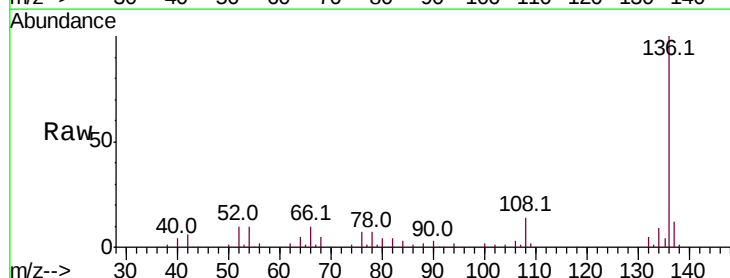
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 9.7 4.6 6.8#

68 4.5 3.7 5.5

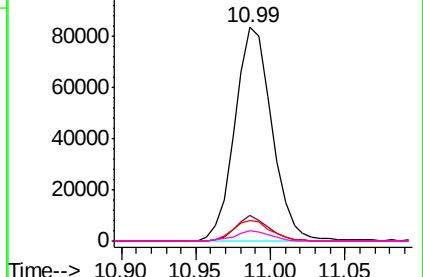
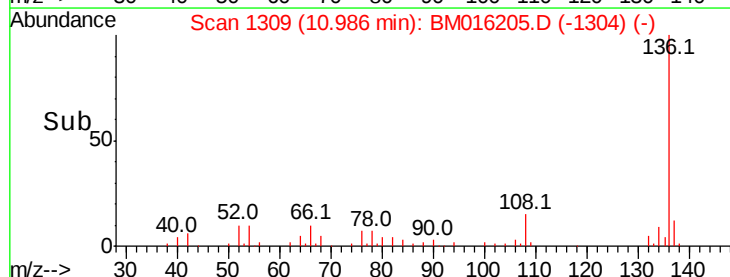


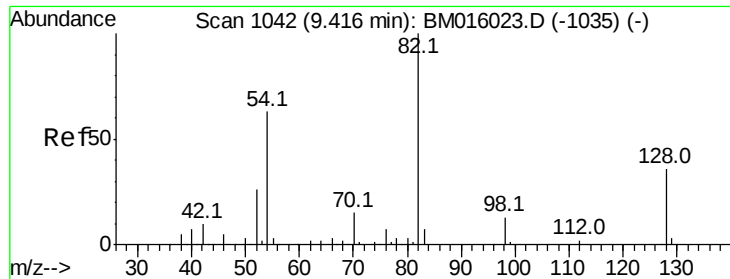
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

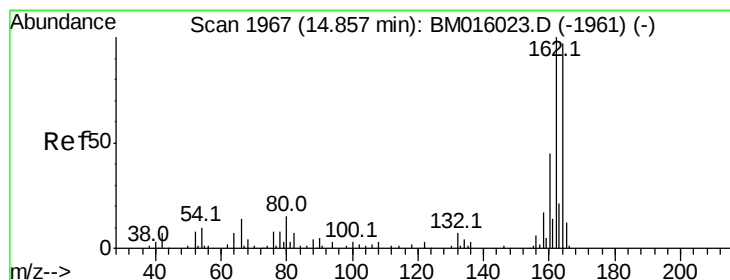
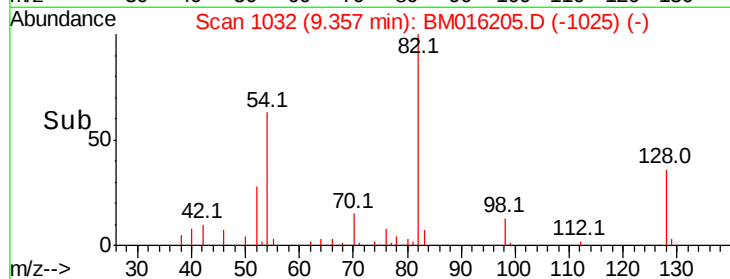
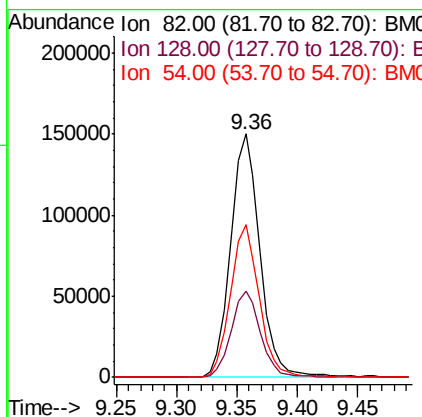
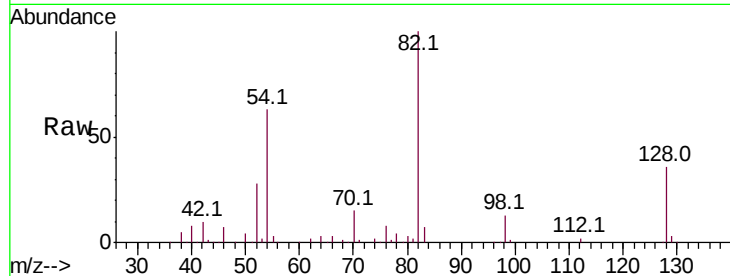




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.36 min Scan# 1032
Delta R.T. -0.06 min
Lab File: BM016205.D
Acq: 06 Aug 2018 23:36

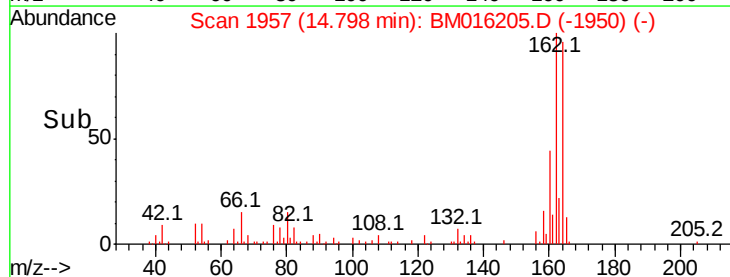
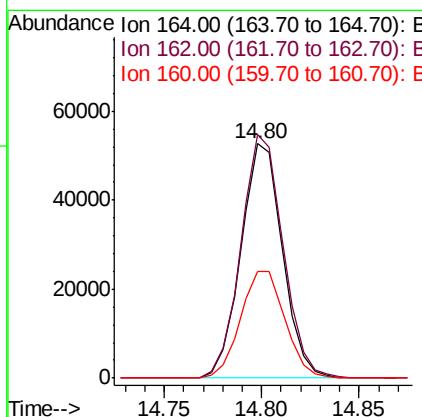
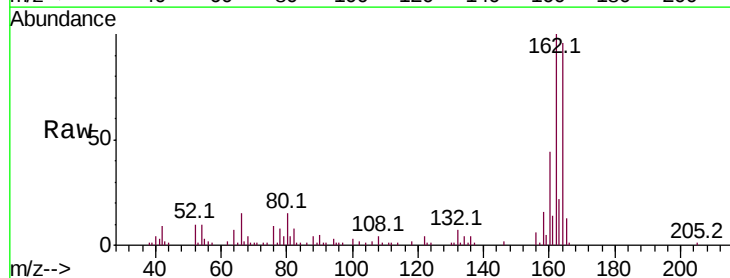
Instrument :
BNA_M
ClientSampleId :
JC-CONCRETE-1

Tot Ion: 82 Resp: 253408
Ion Ratio Lower Upper
82 100
128 35.5 32.8 49.2
54 62.6 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BM016205.D
Acq: 06 Aug 2018 23:36

Tgt Ion:164 Resp: 77434
Ion Ratio Lower Upper
164 100
162 103.8 82.4 123.6
160 45.6 35.8 53.6

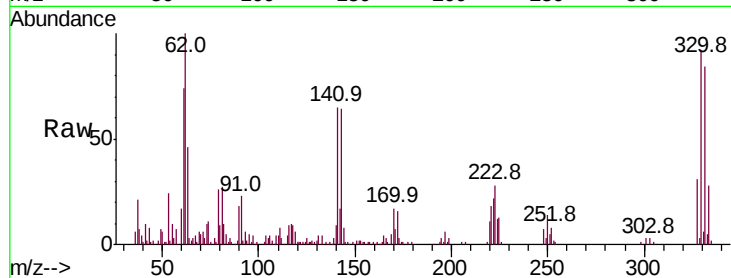




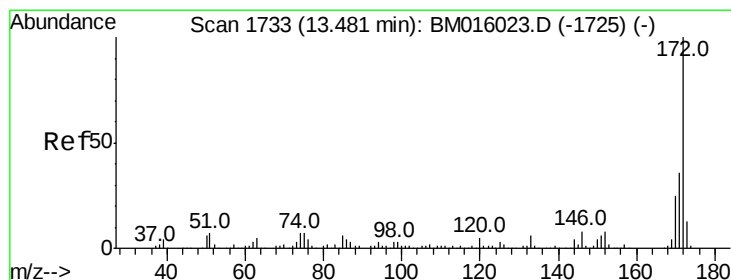
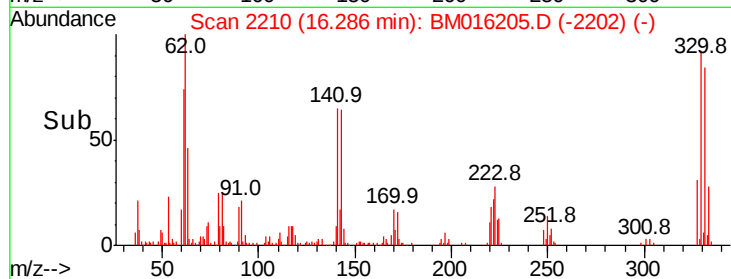
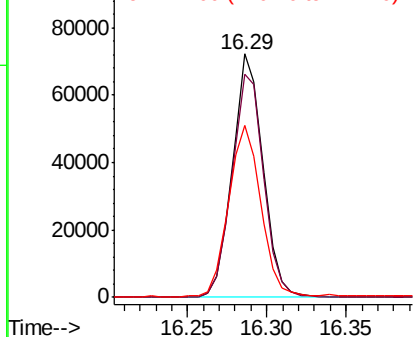
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

Instrument :
 BNA_M
 ClientSampleId :
 JC-CONCRETE-1

Tot Ion:330 Resp: 96343
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 75.4 0.0 0.0#

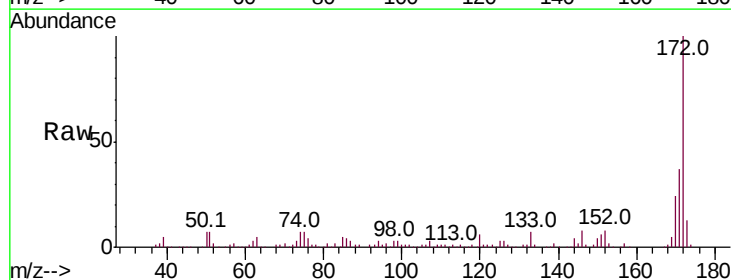


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

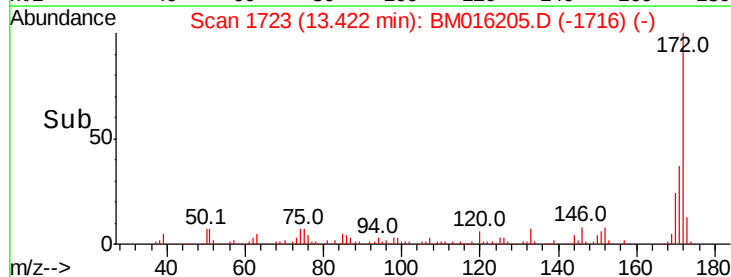
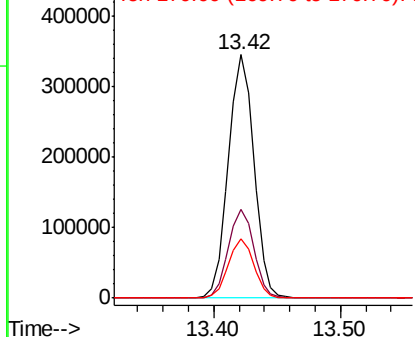


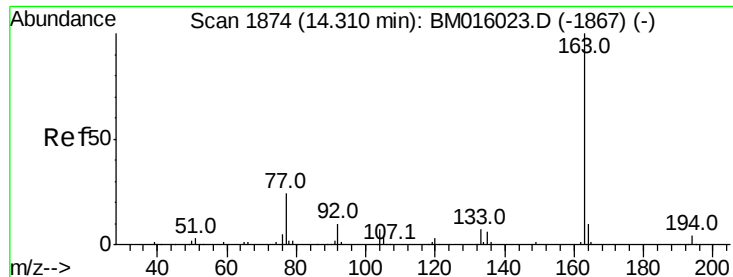
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

Tgt Ion:172 Resp: 481798
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.3 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: 5.469 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.06 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

Instrument :

BNA_M

ClientSampleId :

JC-CONCRETE-1

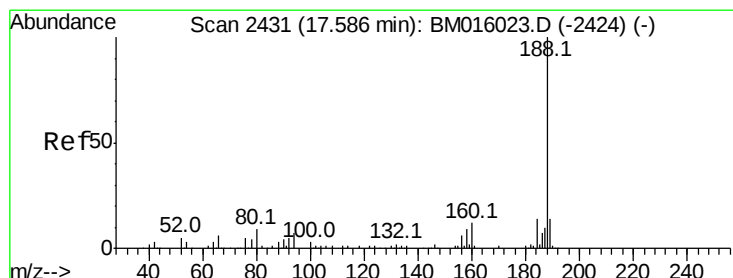
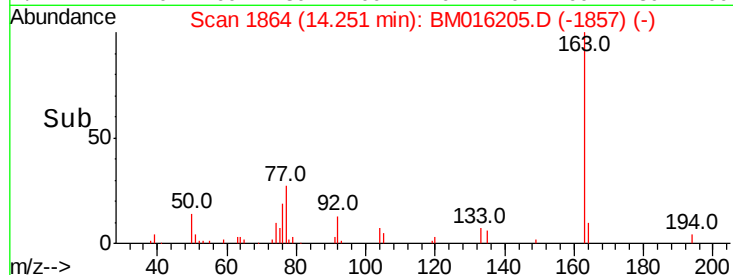
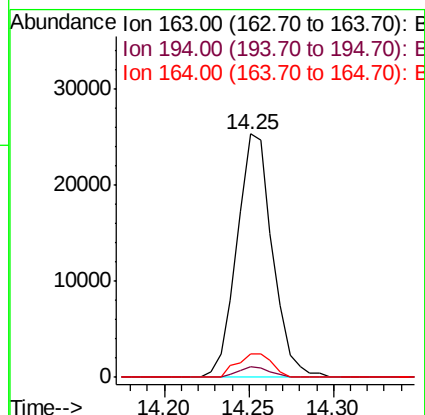
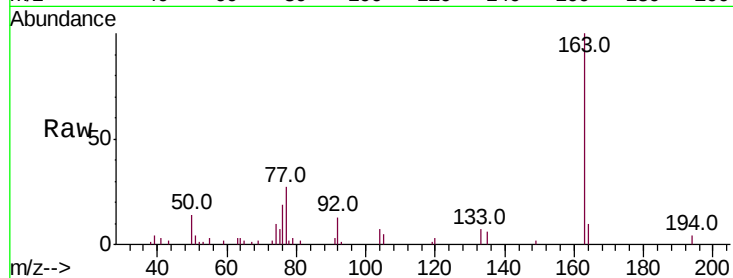
Tot Ion:163 Resp: 37064

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

164 9.7 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

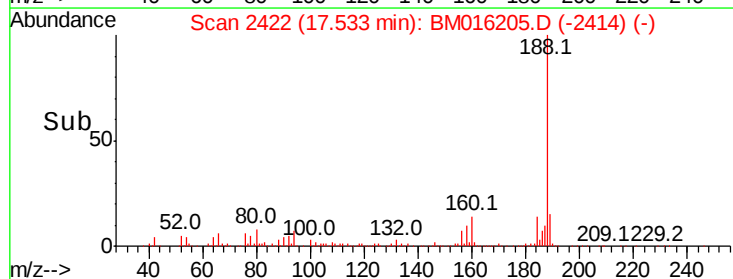
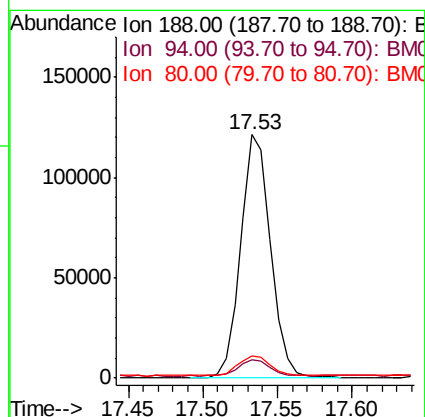
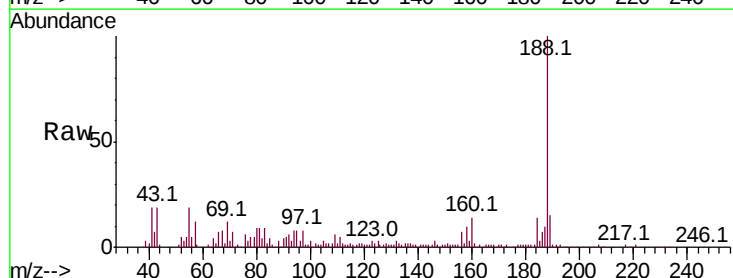
Tgt Ion:188 Resp: 168957

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

80 9.3 9.3 13.9

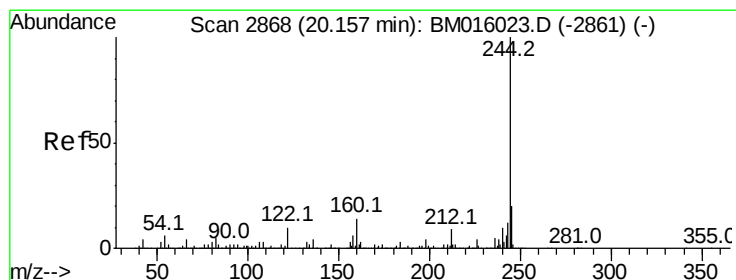
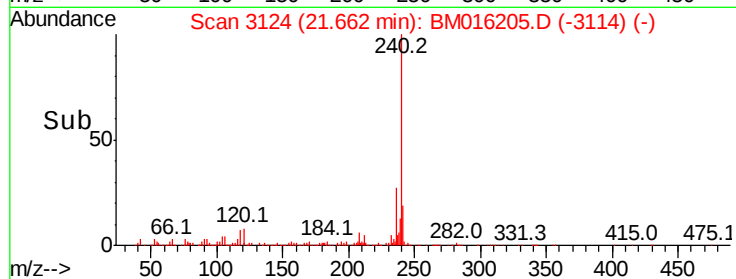
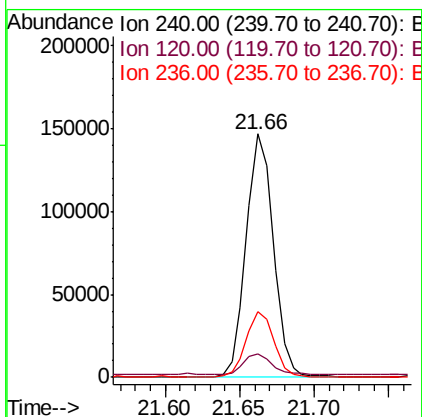
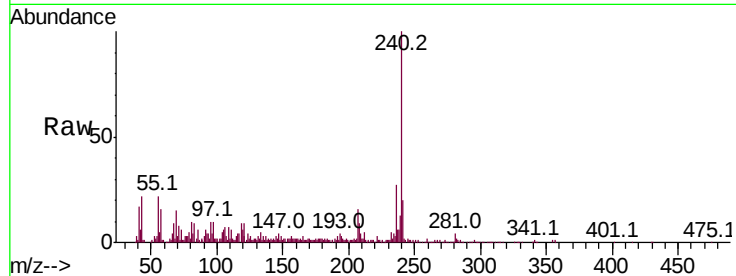




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.04 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

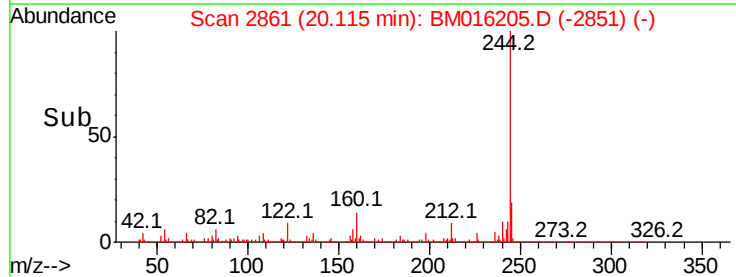
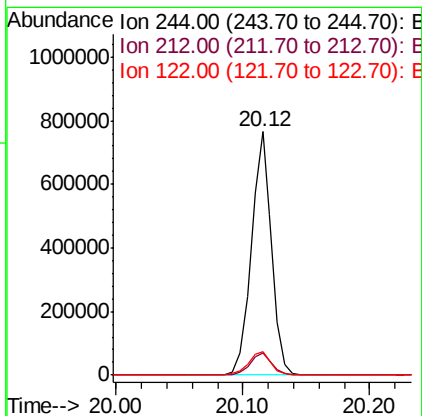
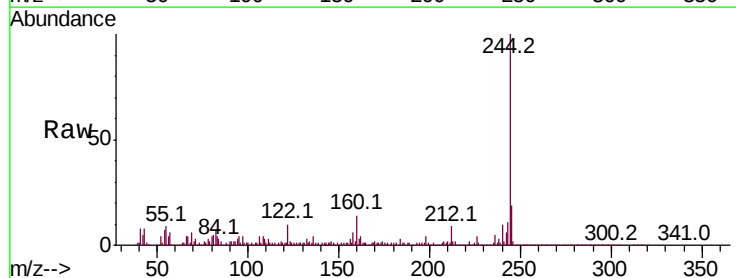
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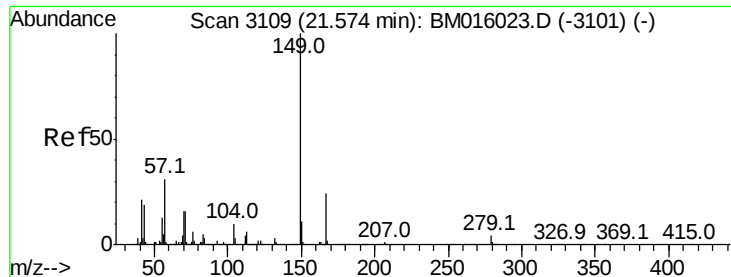
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	27.2	20.0	30.0



#78
 Terphenyl-d14
 Concen: Below ng
 RT: 20.12 min Scan# 2861
 Delta R.T. -0.04 min
 Lab File: BM016205.D
 Acq: 06 Aug 2018 23:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	9.8	6.2	9.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.401 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.04 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

Instrument :

BNA_M

ClientSampleId :

JC-CONCRETE-1

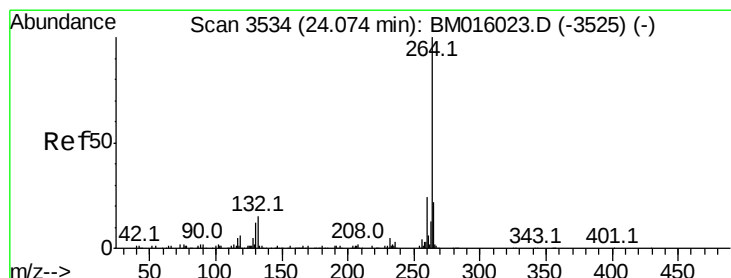
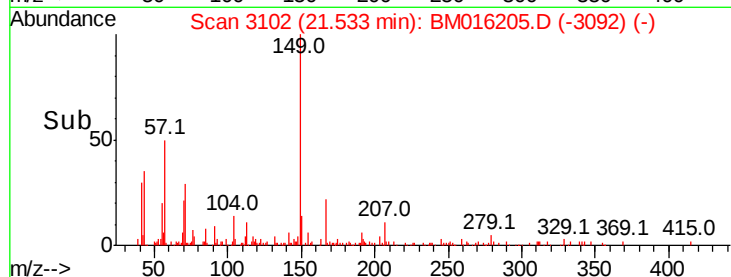
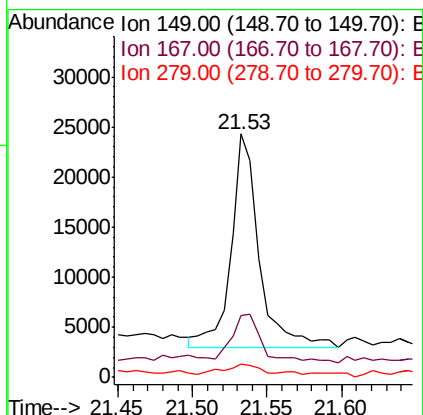
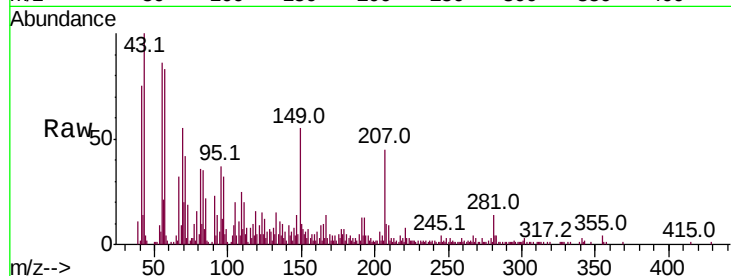
Tot Ion:149 Resp: 27971

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

279 5.5 3.4 5.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.01 min Scan# 3524

Delta R.T. -0.06 min

Lab File: BM016205.D

Acq: 06 Aug 2018 23:36

Tgt Ion:264 Resp: 185899

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.3 17.3 25.9

