

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016259.D
 Acq On : 08 Aug 2018 20:46
 Operator : SJ/JU
 Sample : J4360-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 155-CONCRETE

Quant Time: Aug 09 05:10:53 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

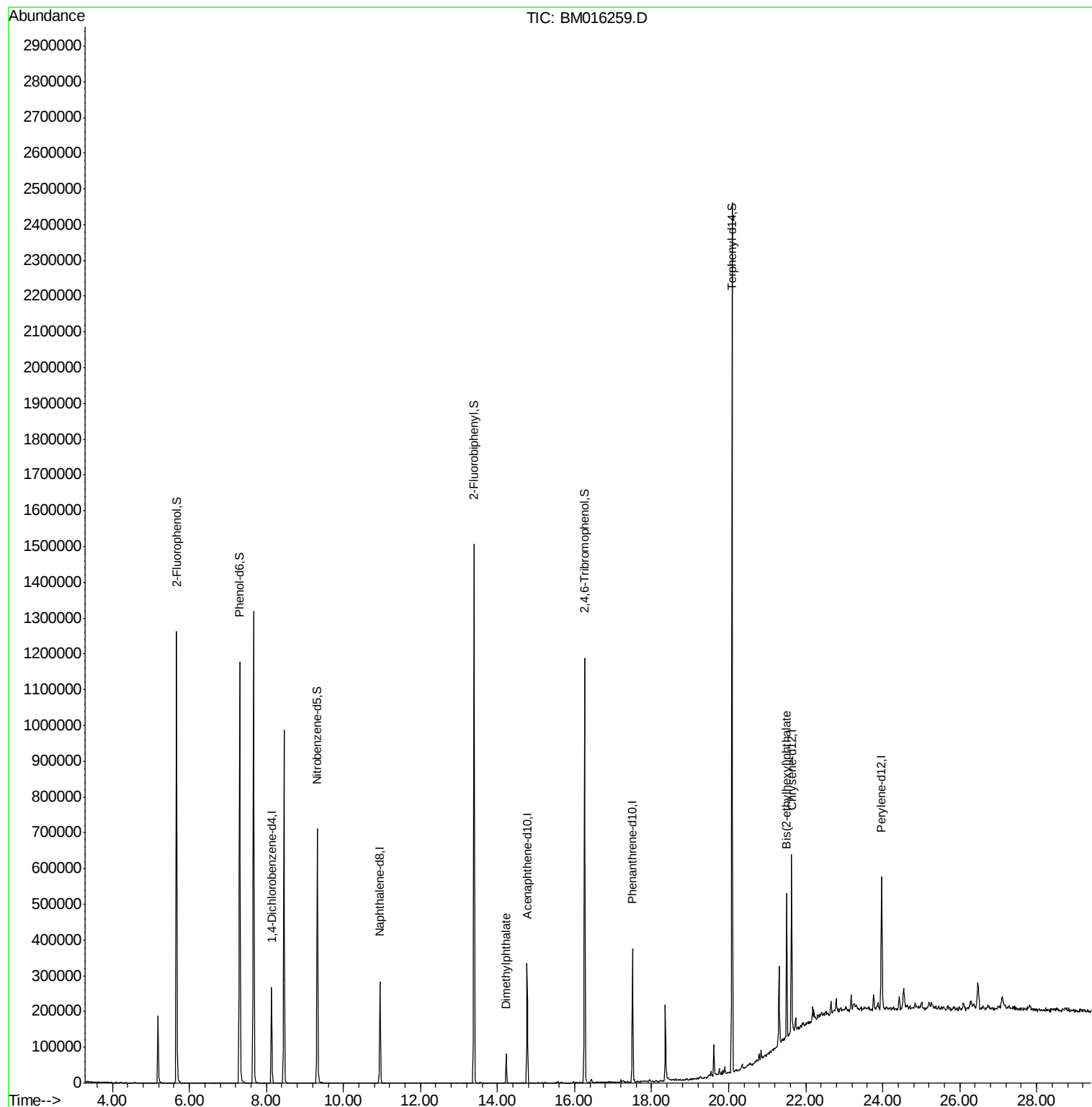
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56230	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	200526	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	93937	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	185183	20.00	ng	0.00
75) Chrysene-d12	21.64	240	195556	20.00	ng	0.00
86) Perylene-d12	23.97	264	223874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	398032	117.58	ng	0.00
7) Phenol-d6	7.30	99	470050	106.33	ng	0.00
23) Nitrobenzene-d5	9.32	82	342551	79.45	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	127332	106.87	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	604144	78.25	ng	0.00
78) Terphenyl-d14	20.09	244	784037	83.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	43294	5.266	ng	Qvalue # 99
83) Bis(2-ethylhexyl)phthalate	21.51	149	119896	13.896	ng	# 92

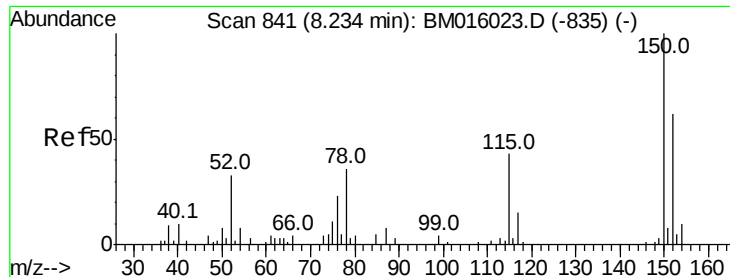
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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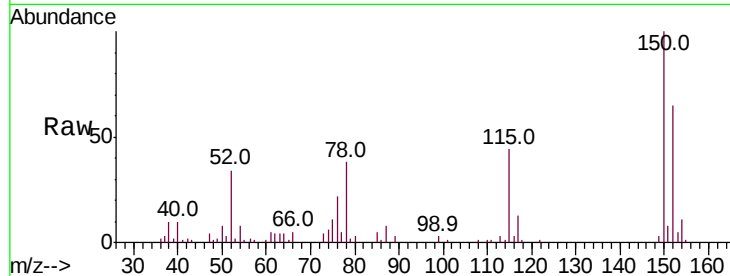


#1

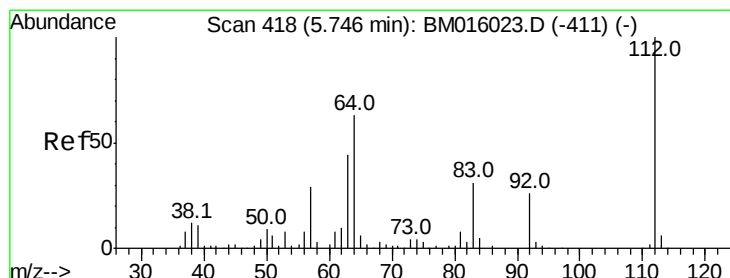
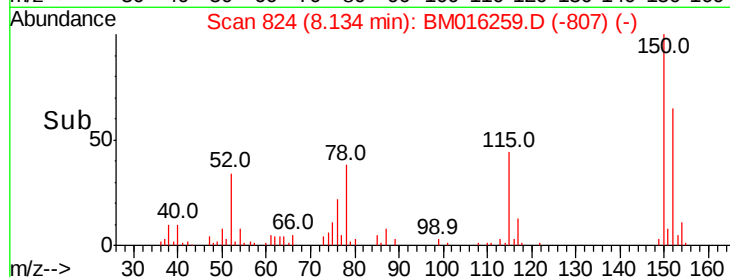
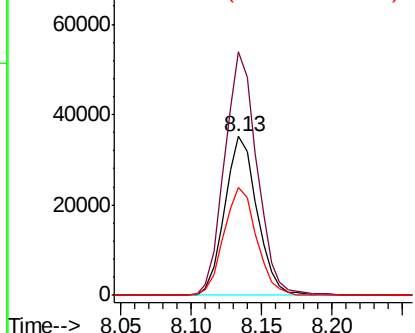
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 155-CONCRETE

Tot Ion:152 Resp: 56230
 Ion Ratio Lower Upper
 152 100
 150 153.1 119.5 179.3
 115 68.0 43.0 64.4#



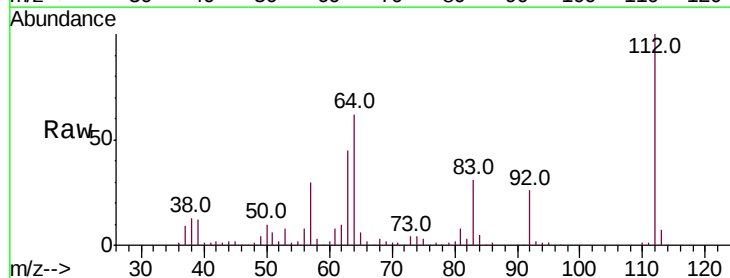
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



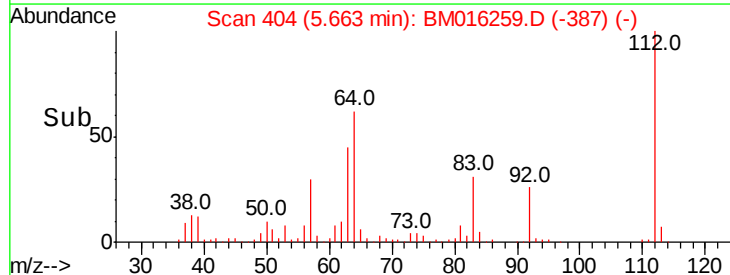
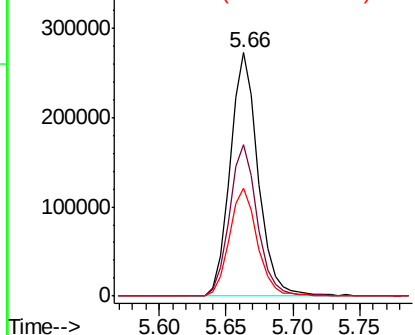
#5

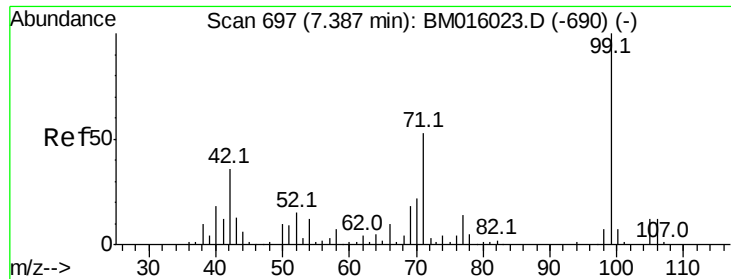
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Tgt Ion:112 Resp: 398032
 Ion Ratio Lower Upper
 112 100
 64 62.0 38.6 57.8#
 63 44.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BMC
 Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

155-CONCRETE

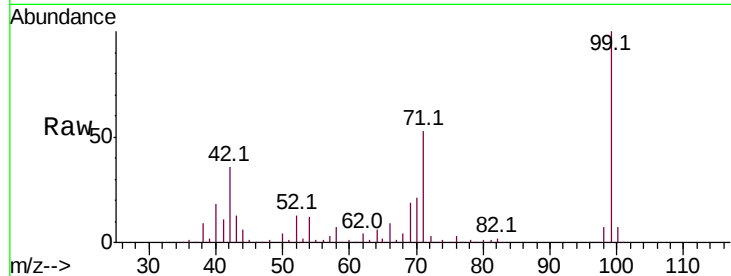
Tot Ion: 99 Resp: 470050

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

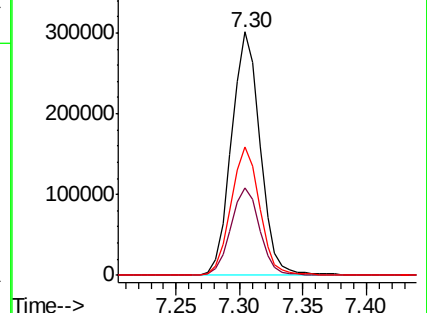
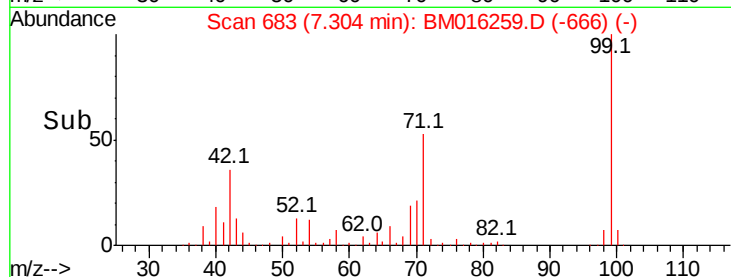
71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016259.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016259.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016259.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

Tgt Ion: 136 Resp: 200526

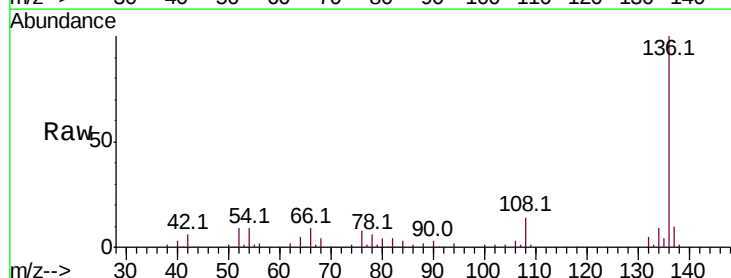
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.3 4.6 6.8#

68 3.8 3.7 5.5

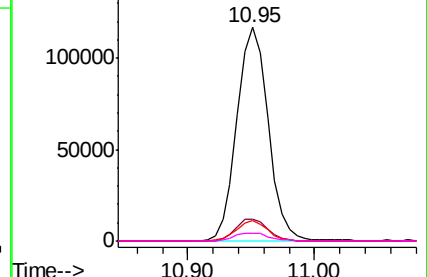
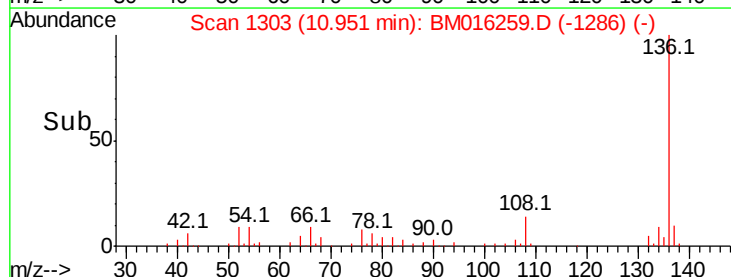


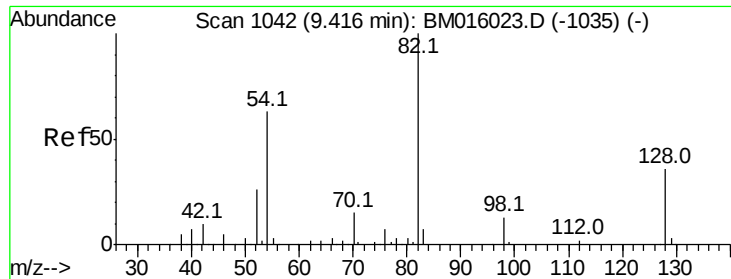
Abundance Ion 136.00 (135.70 to 136.70): BM016259.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016259.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016259.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016259.D (-1286) (-)

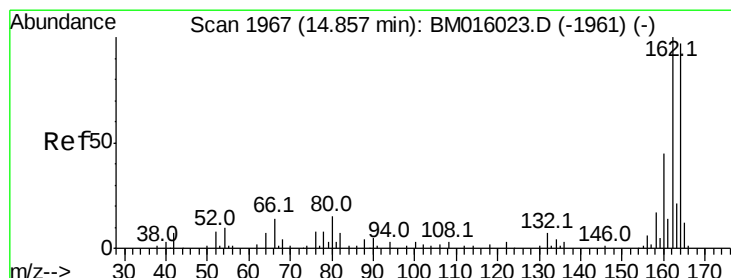
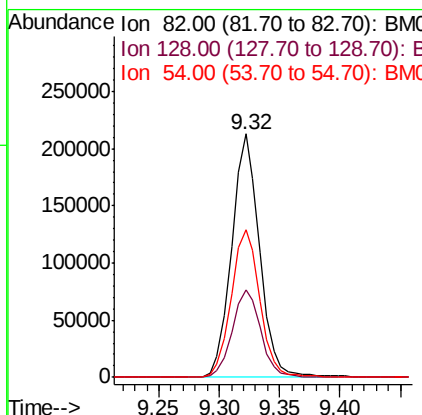
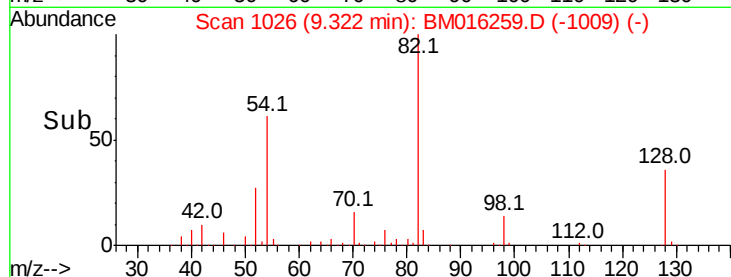
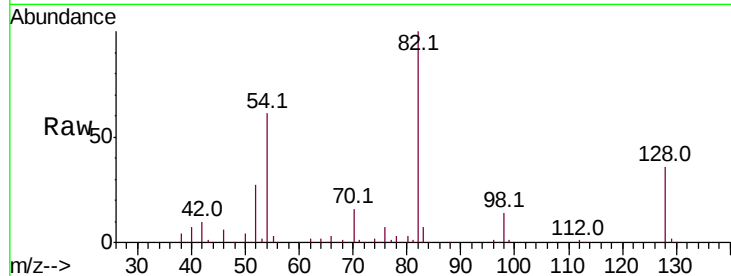




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

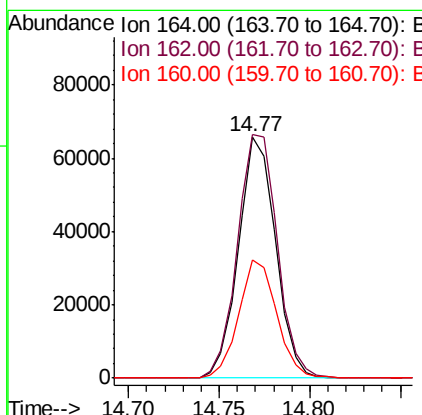
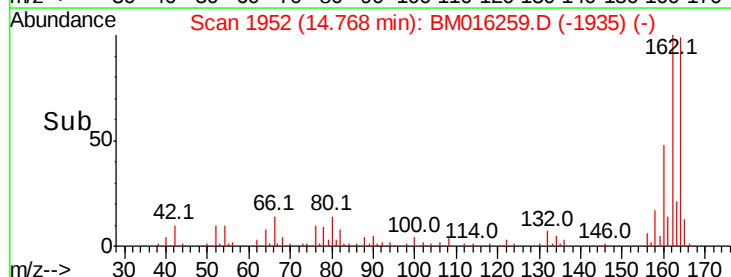
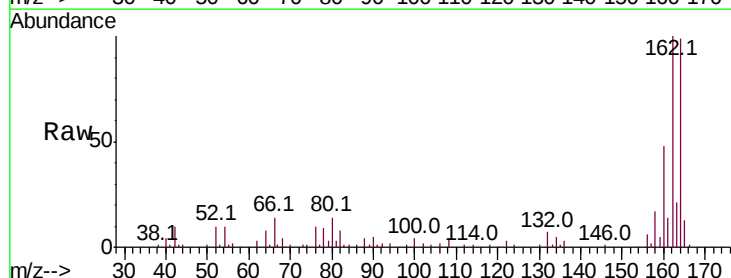
Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

Tot Ion: 82 Resp: 342551
Ion Ratio Lower Upper
82 100
128 35.9 32.8 49.2
54 60.9 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: BM016259.D
Acq: 08 Aug 2018 20:46

Tgt Ion:164 Resp: 93937
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 48.7 35.8 53.6

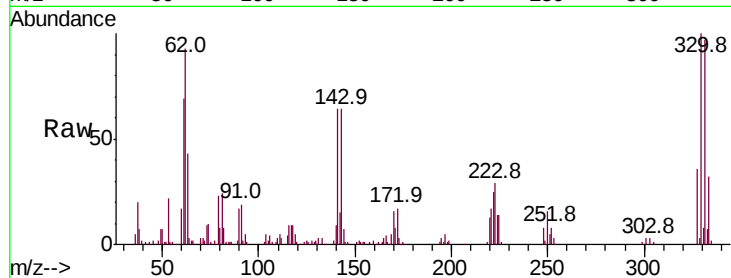




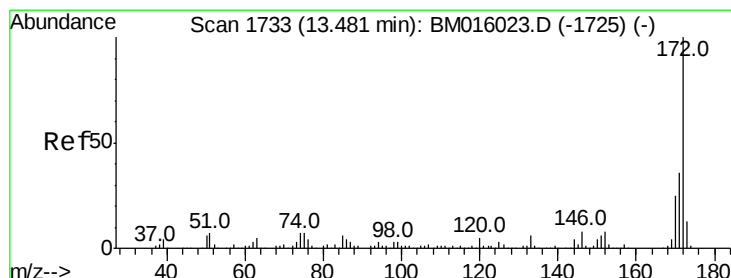
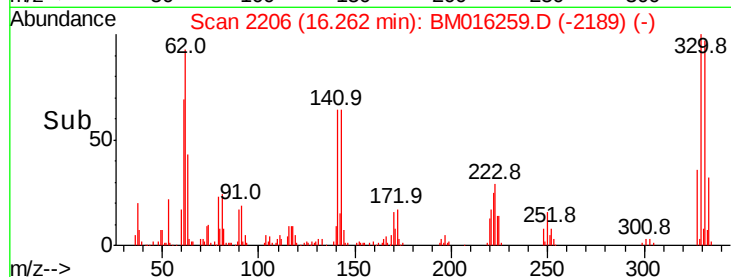
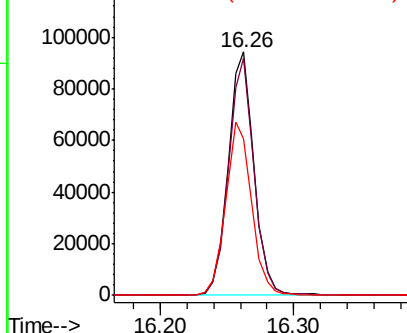
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 155-CONCRETE

Tot Ion:330 Resp: 127332
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 71.8 0.0 0.0#

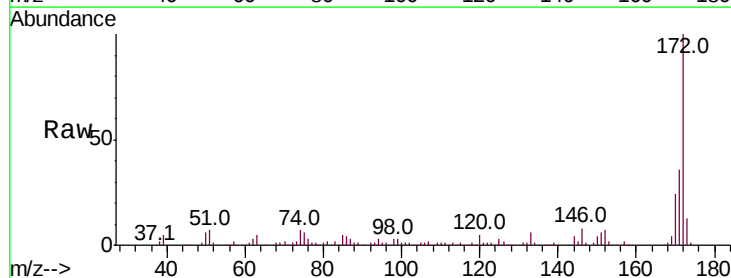


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

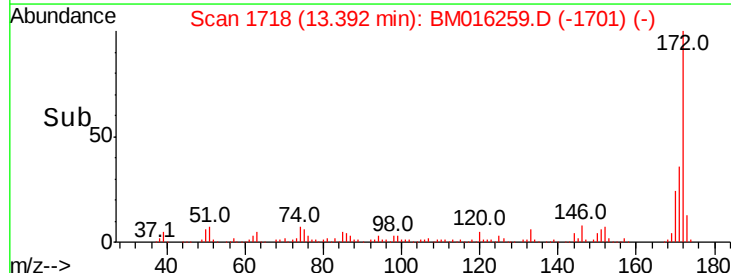
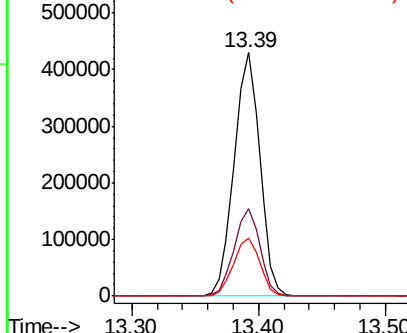


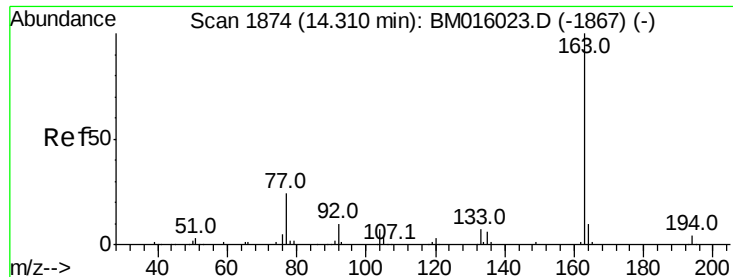
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Tgt Ion:172 Resp: 604144
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.1 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: 5.266 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

155-CONCRETE

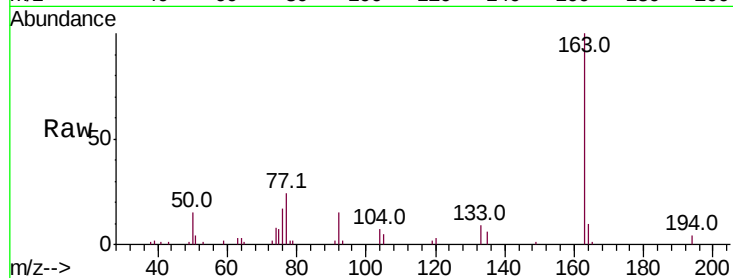
Tot Ion:163 Resp: 43294

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

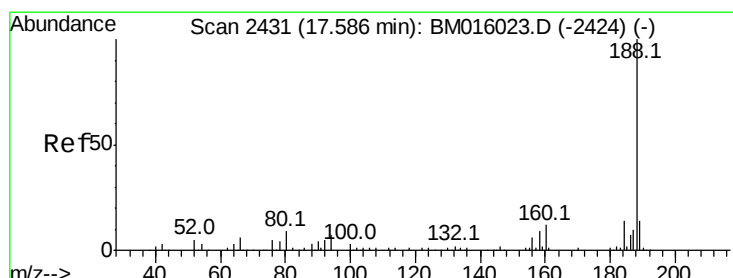
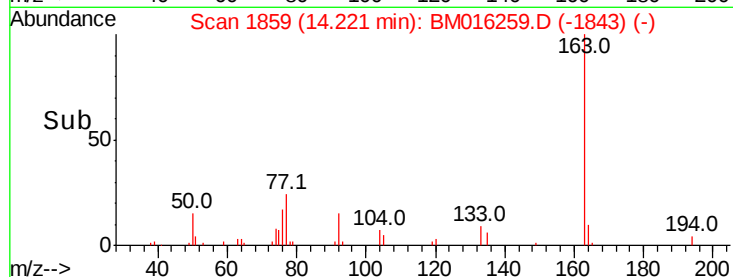
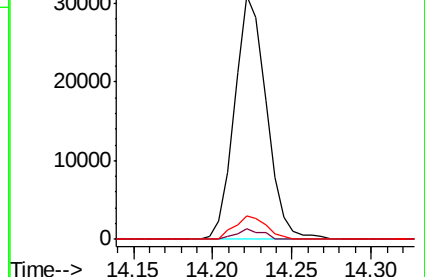
164 9.9 8.2 12.2



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: 17.51 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

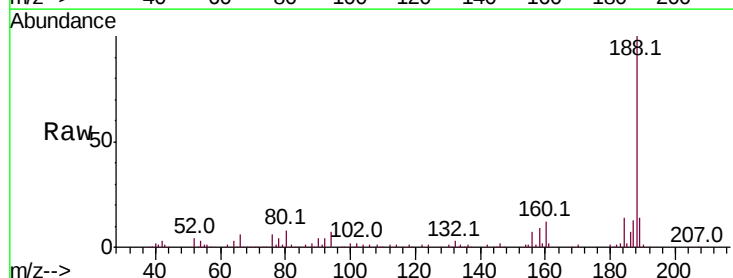
Tgt Ion:188 Resp: 185183

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

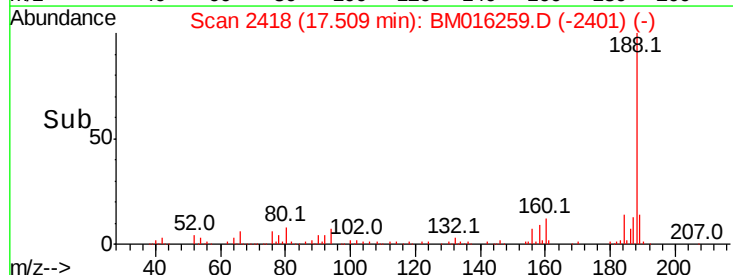
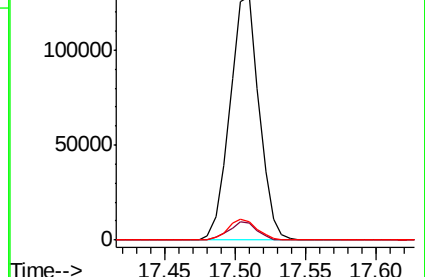
80 7.7 9.3 13.9#



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. 0.00 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

155-CONCRETE

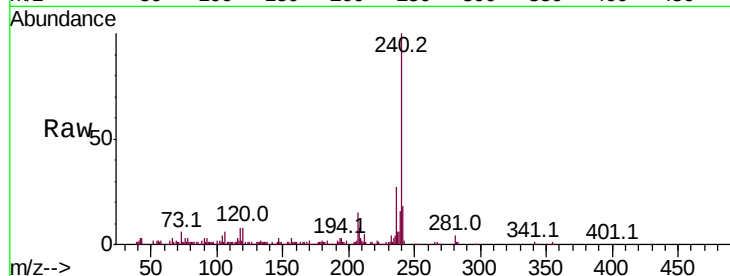
Tot Ion:240 Resp: 195556

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

236 27.1 20.0 30.0

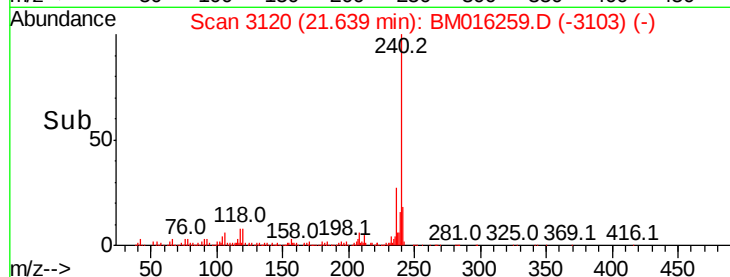


Abundance Ion 240.00 (239.70 to 240.70): E

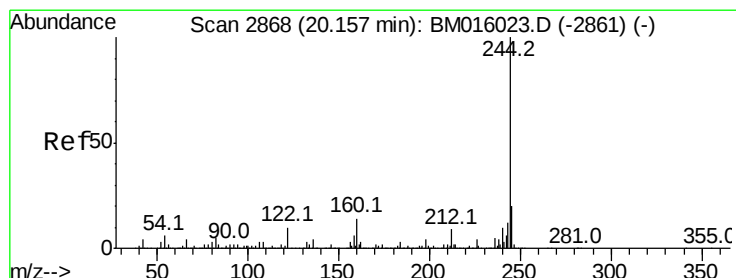
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.64



Time-->



#78

Terphenyl-d14

Concen: Below ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

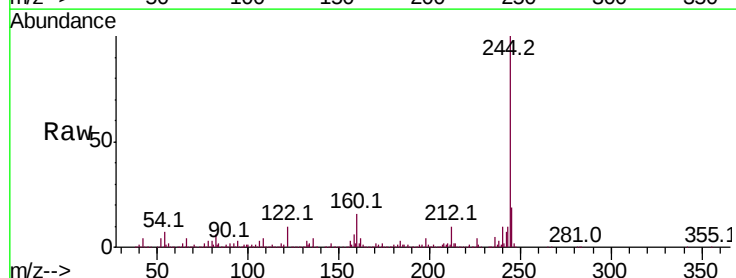
Tgt Ion:244 Resp: 784037

Ion Ratio Lower Upper

244 100

212 10.1 4.9 7.3#

122 9.8 6.2 9.4#

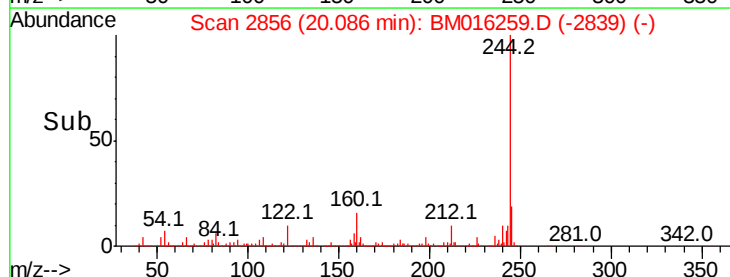


Abundance Ion 244.00 (243.70 to 244.70): E

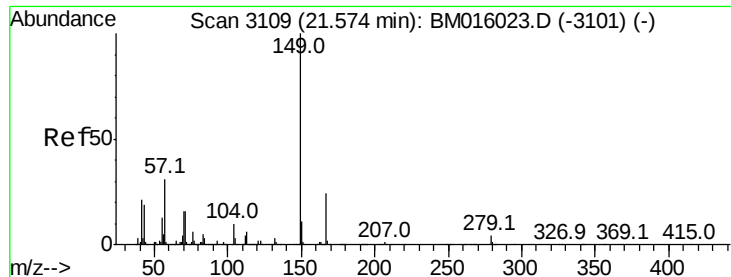
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.09



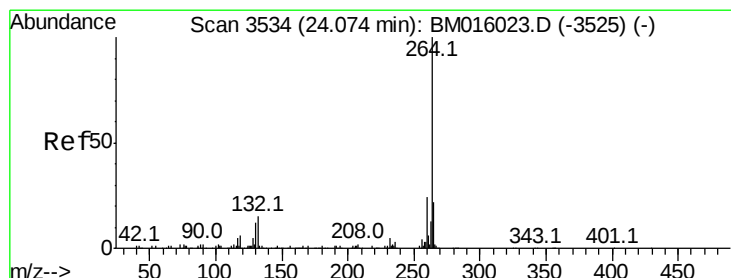
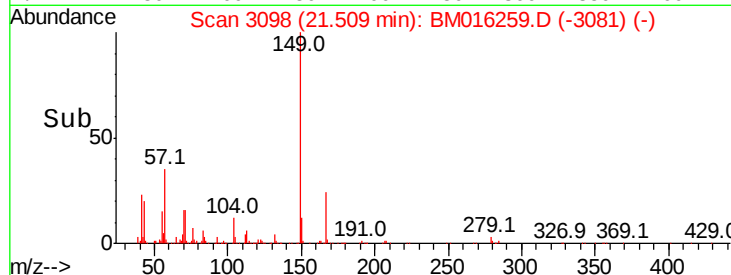
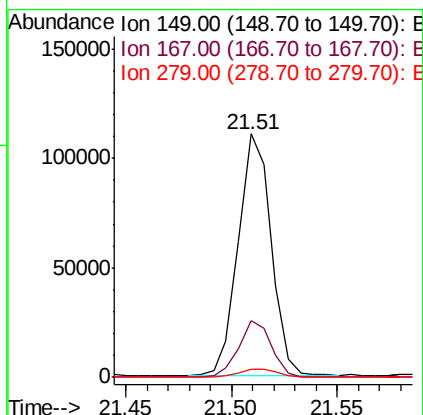
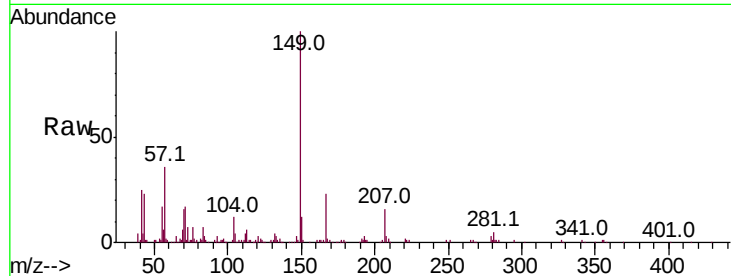
Time-->



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.896 ng
 RT: 21.51 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 155-CONCRETE

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.5	22.4	33.6
279	3.3	3.4	5.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. 0.00 min
 Lab File: BM016259.D
 Acq: 08 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.4	17.3	25.9

