

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 01:41:09 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

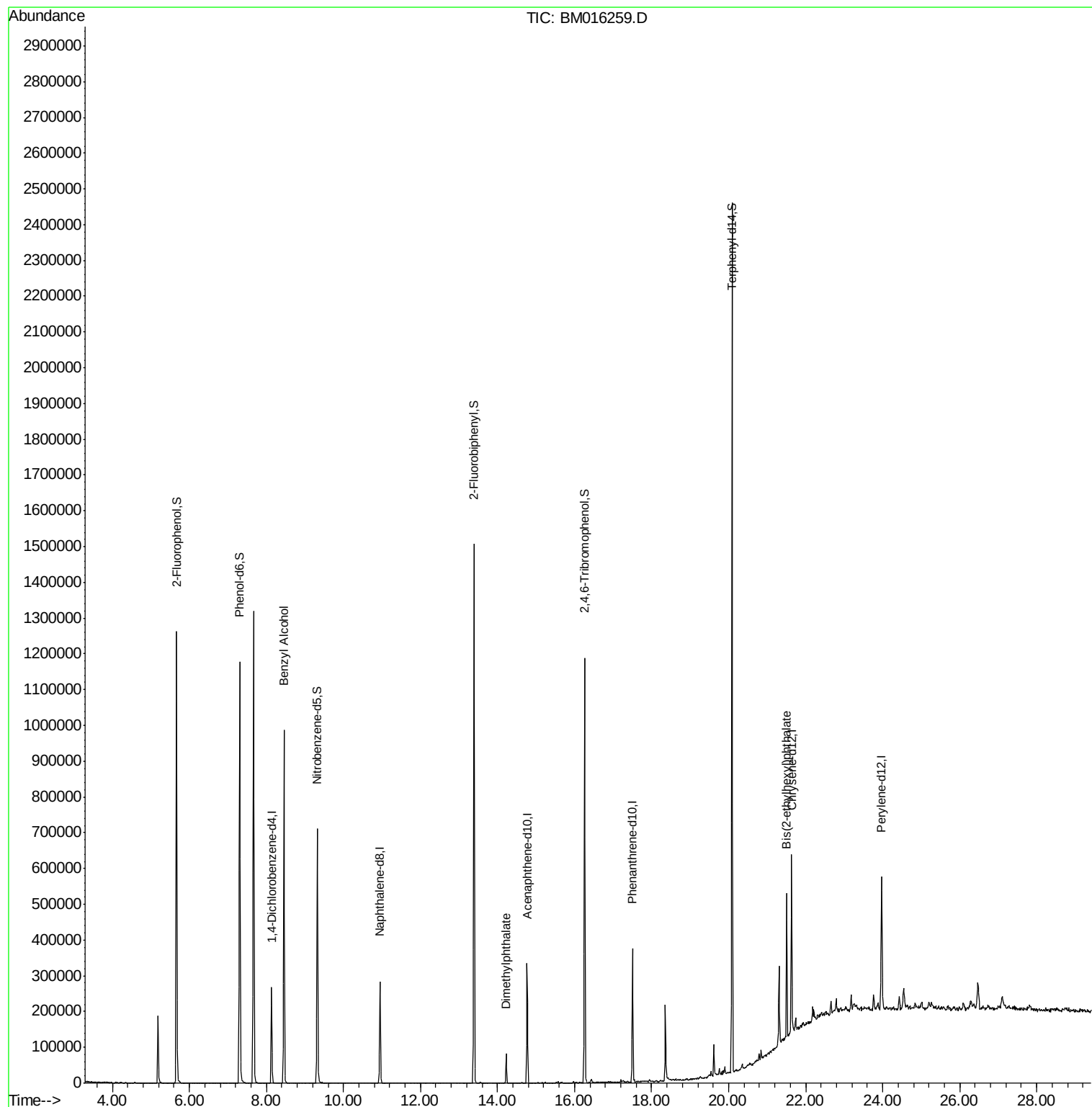
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56230	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	200526	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	93937	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	185183	20.00	ng	0.00
75) Chrysene-d12	21.64	240	195556	20.00	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						
15) Benzyl Alcohol	8.46	79	7486	2.127	ng	# 35
49) Dimethylphthalate	14.22	163	43294	5.266	ng	# 99
83) Bis(2-ethylhexyl)phthalate	21.51	149	119896	13.896	ng	# 92

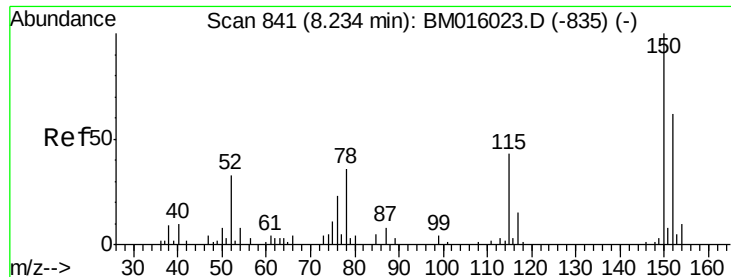
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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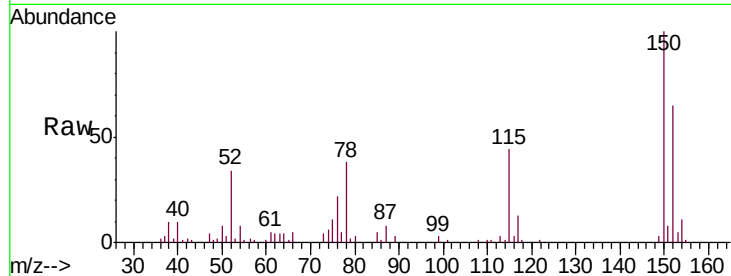


#1

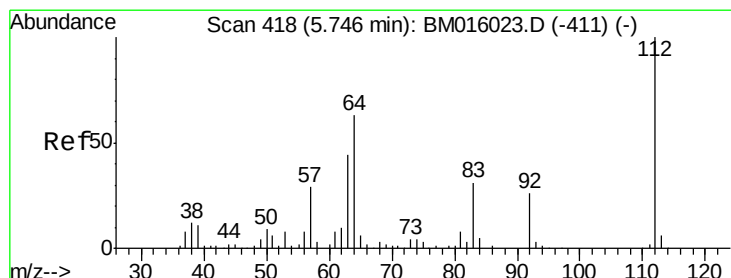
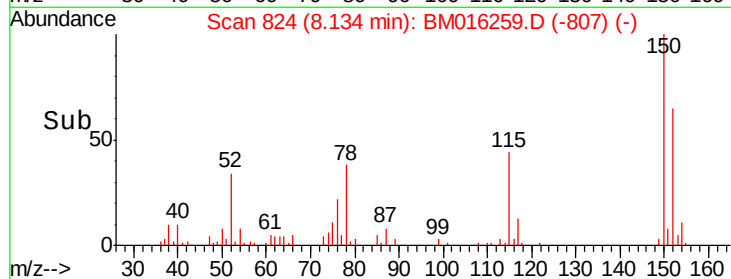
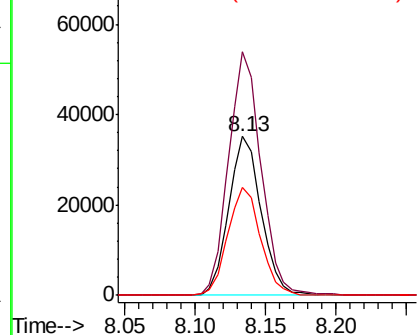
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

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



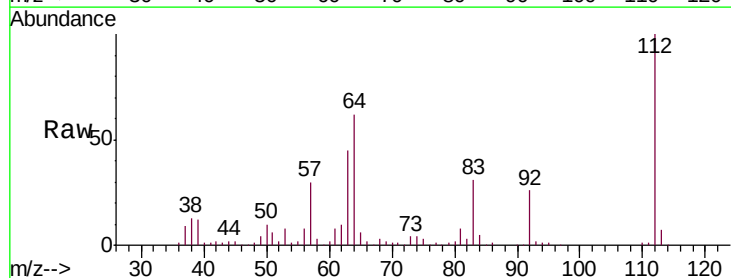
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



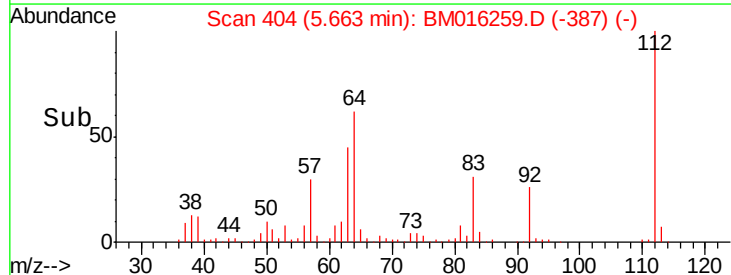
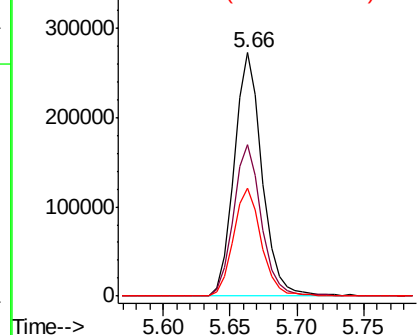
#5

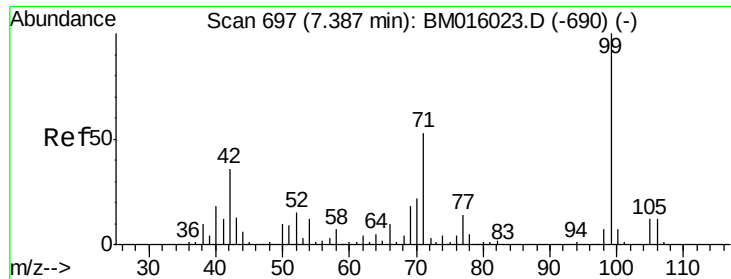
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

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): BM
Ion 63.00 (62.70 to 63.70): BM





#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

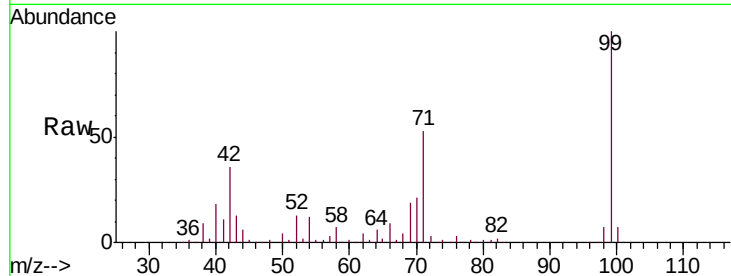
Tgt Ion: 99 Resp: 470050

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

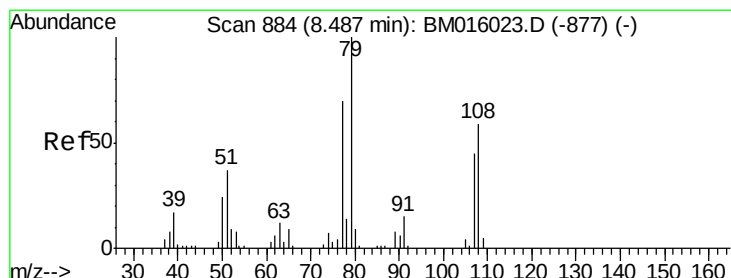
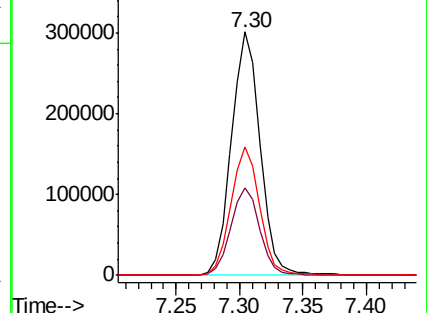
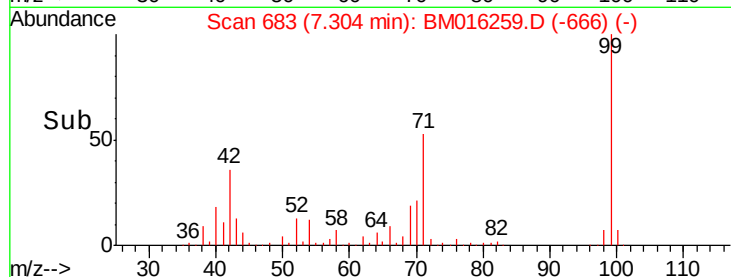
71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): 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) (-)



#15

Benzyl Alcohol

Concen: 2.127 ng

RT: 8.46 min Scan# 879

Delta R.T. 0.06 min

Lab File: BM016259.D

Acq: 08 Aug 2018 20:46

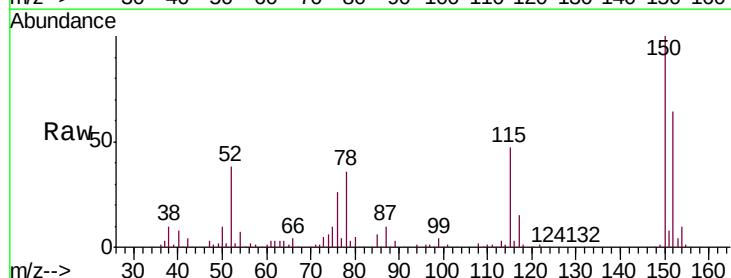
Tgt Ion: 79 Resp: 7486

Ion Ratio Lower Upper

79 100

108 67.2 65.0 97.4

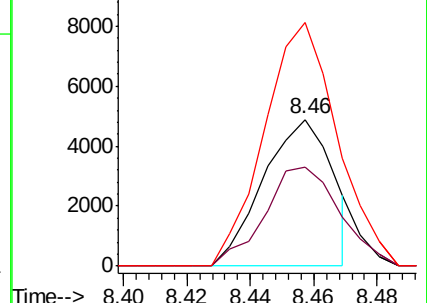
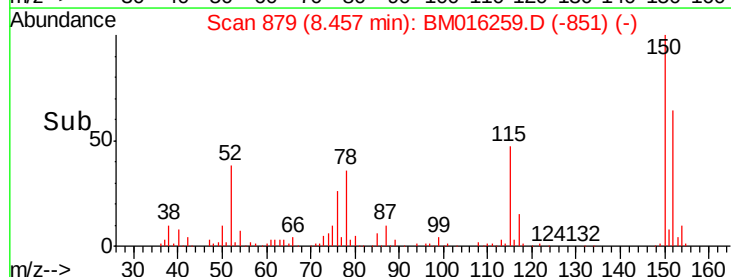
77 166.2 53.0 79.6#

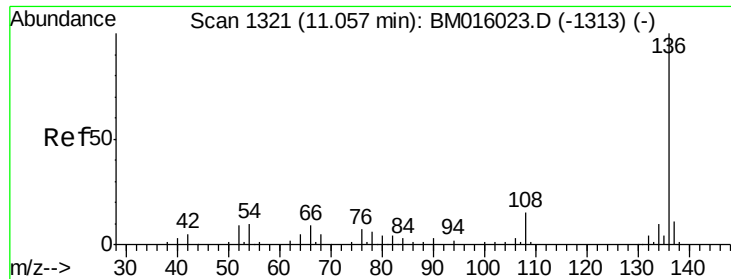


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

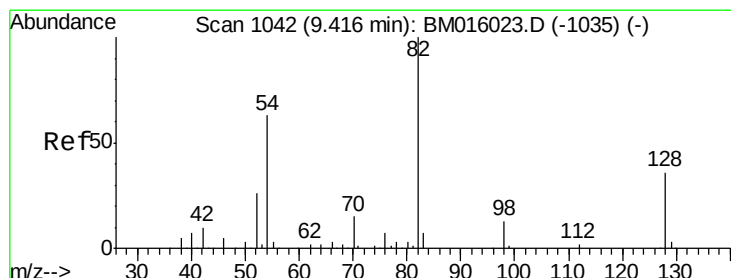
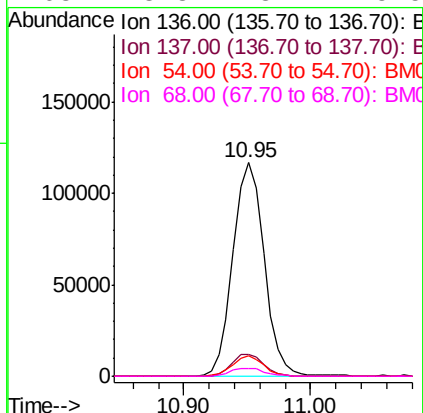
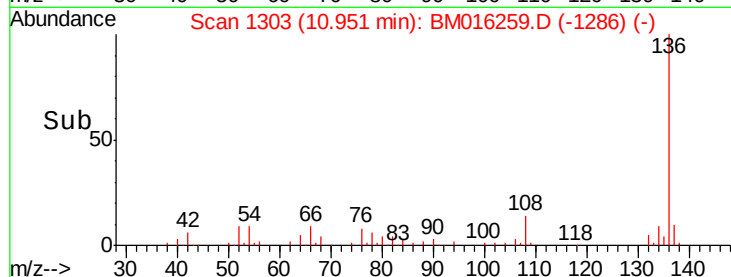
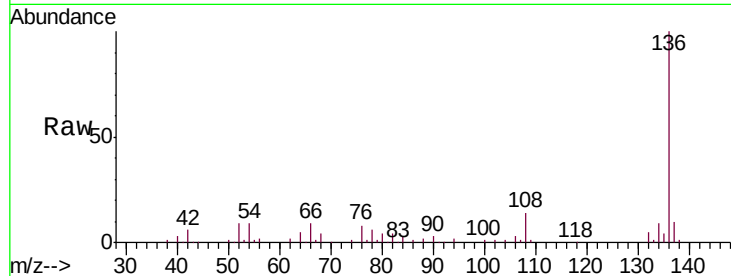




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

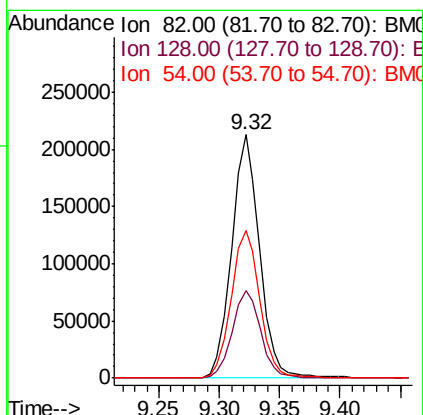
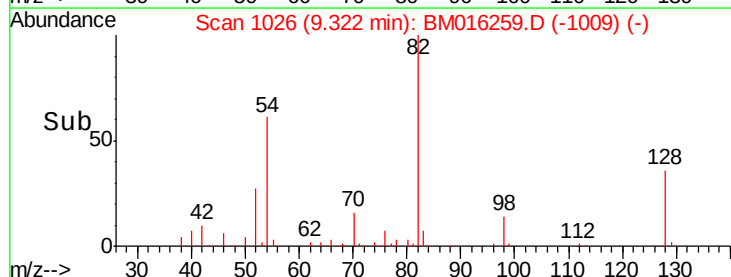
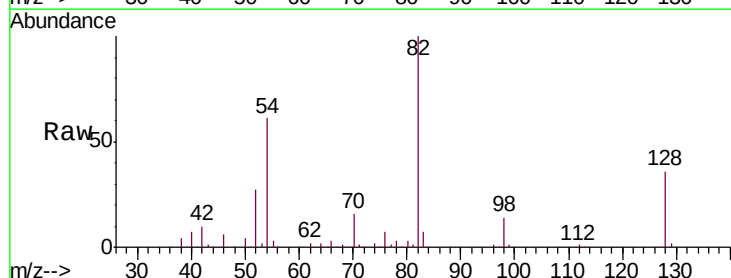
Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

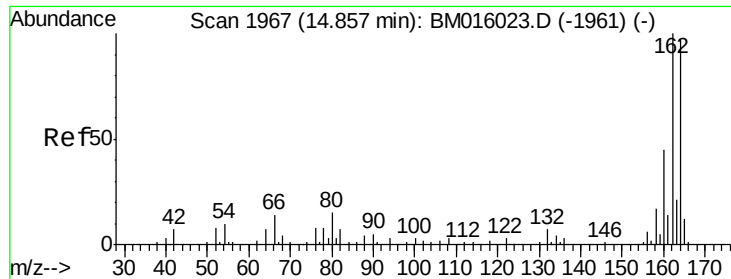
Tgt Ion:	136	Resp:	200526
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.3	4.6	6.8#
68	3.8	3.7	5.5



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

155-CONCRETE

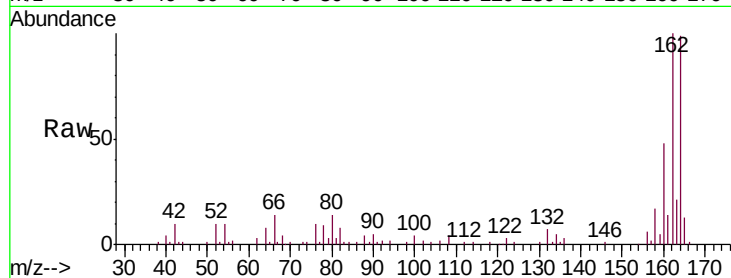
Tgt Ion:164 Resp: 93937

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

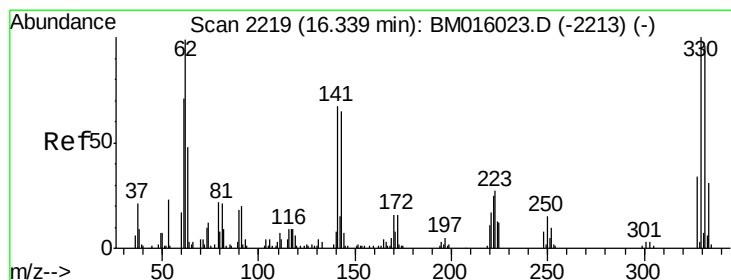
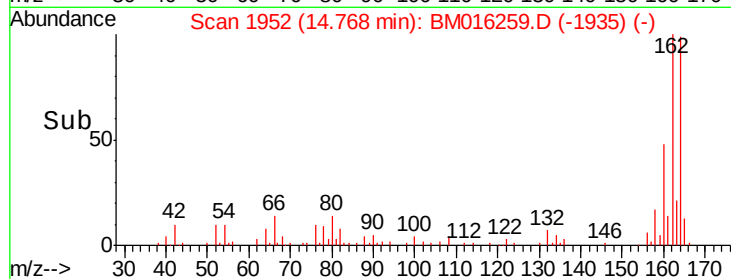
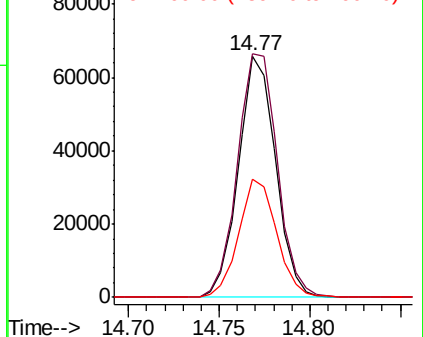
160 48.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

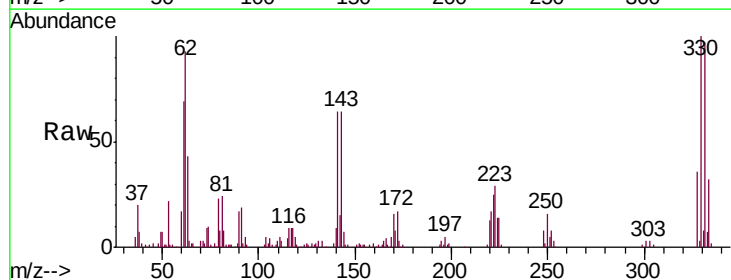
Tgt Ion:330 Resp: 127332

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

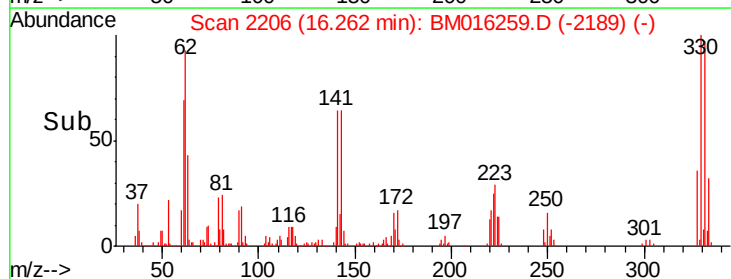
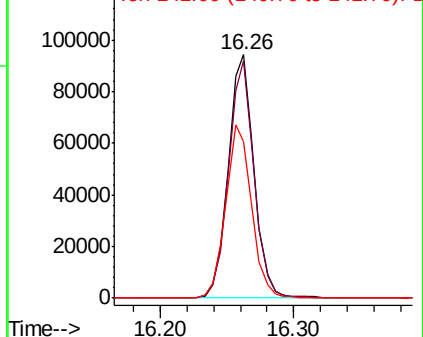
141 71.8 0.0 0.0#

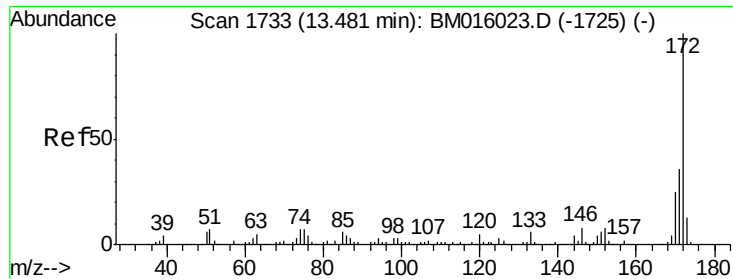


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

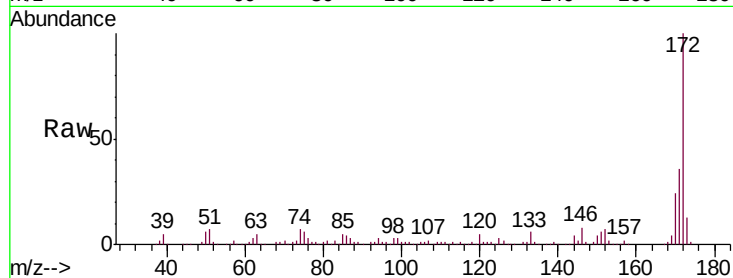




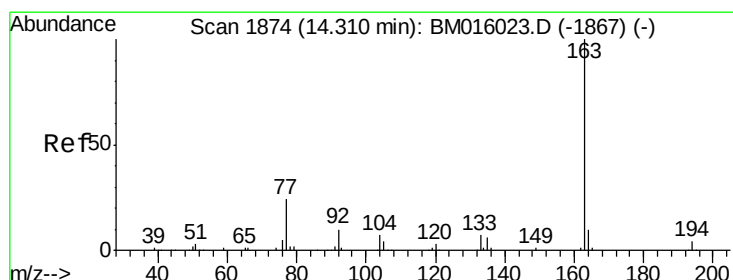
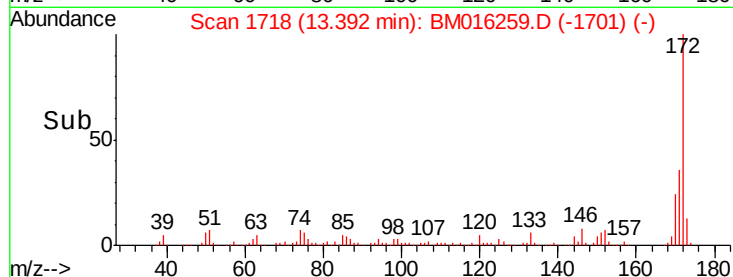
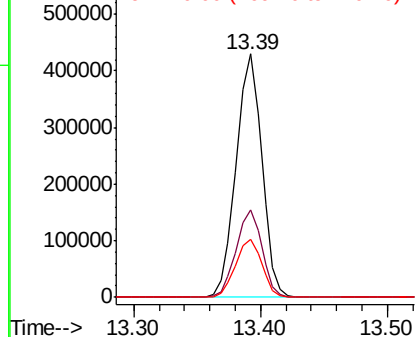
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Instrument :
BNA_M
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155-CONCRETE

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

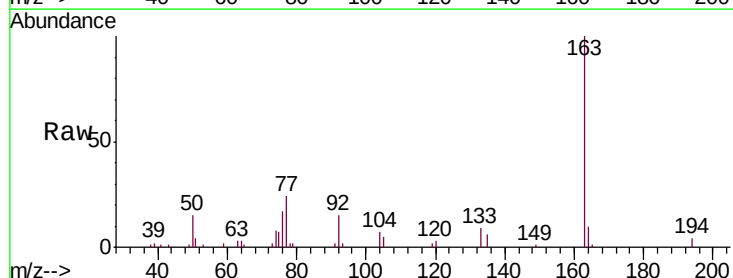


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

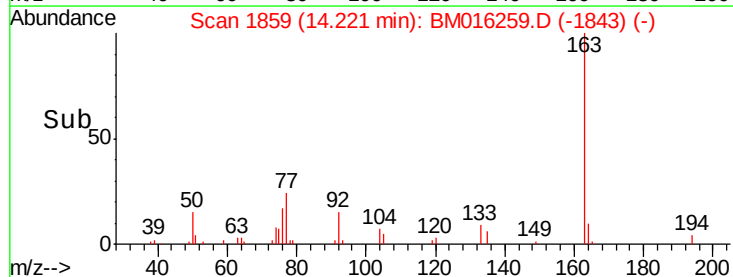
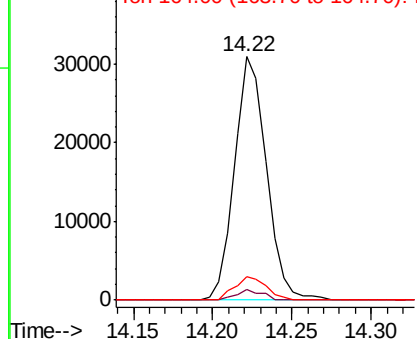


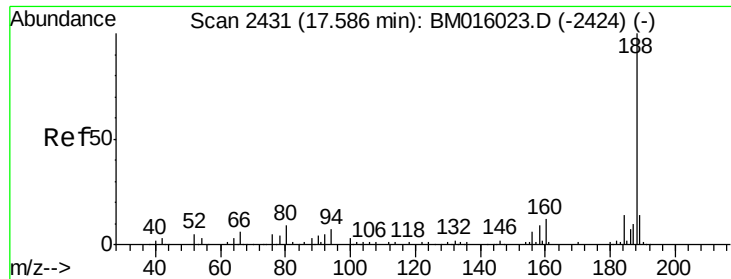
#49
Dimethylphthalate
Concen: 5.266 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Tgt 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

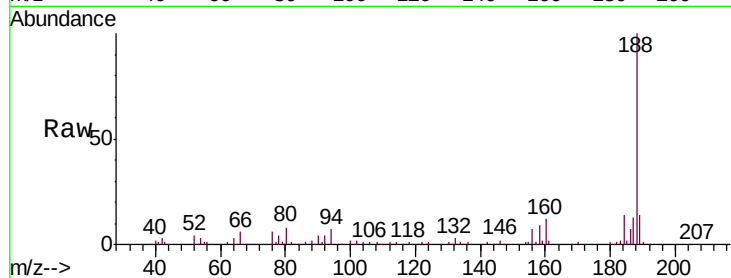




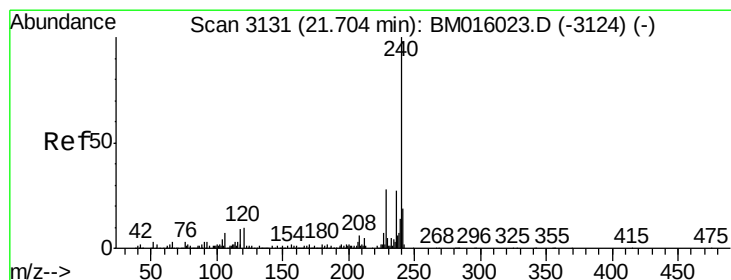
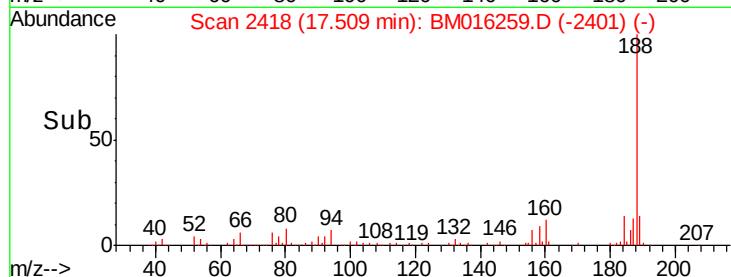
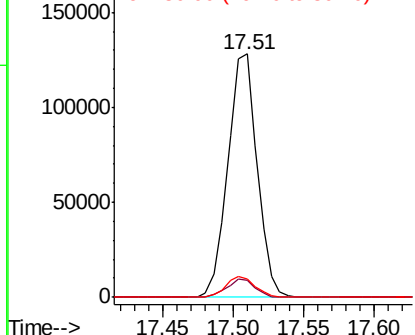
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

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#

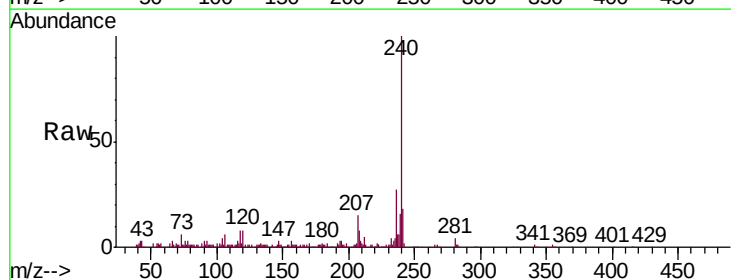


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

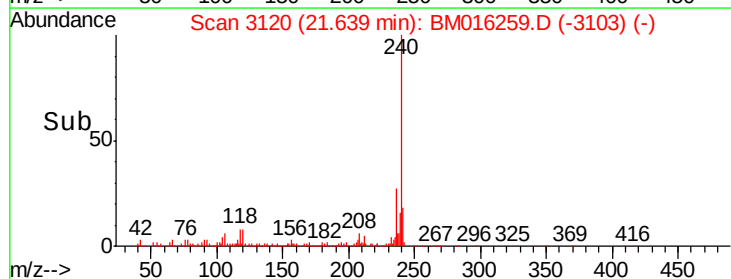
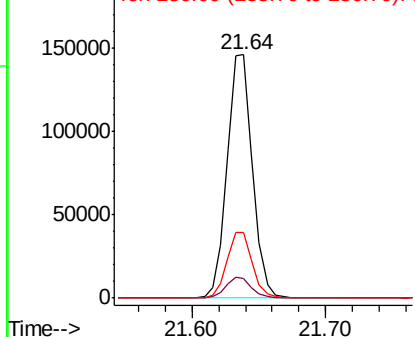


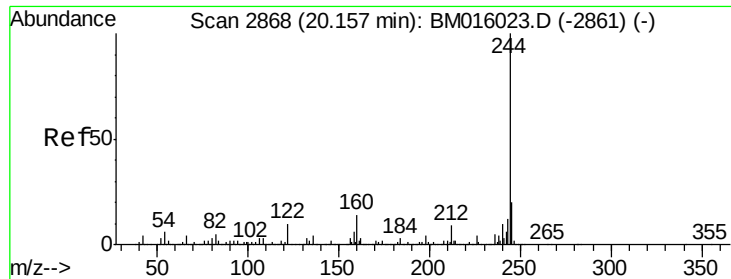
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Tgt 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





#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

Instrument :

BNA_M

ClientSampleId :

155-CONCRETE

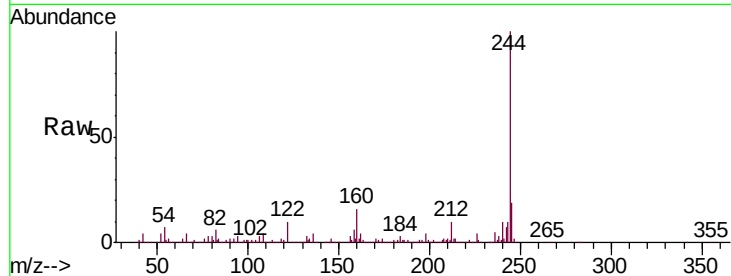
Tgt Ion:244 Resp: 784037

Ion Ratio Lower Upper

244 100

212 10.1 4.9 7.3#

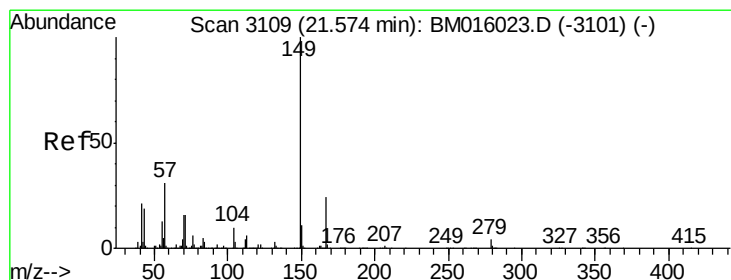
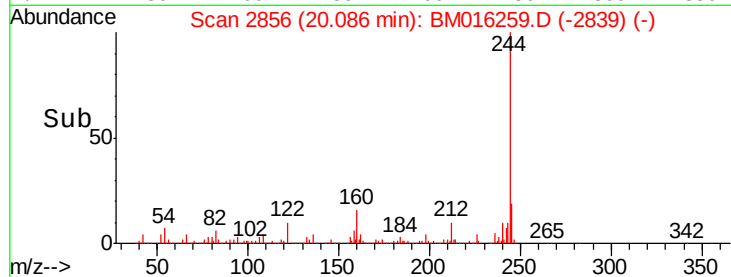
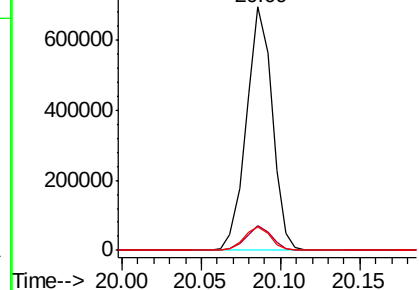
122 9.8 6.2 9.4#



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



#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

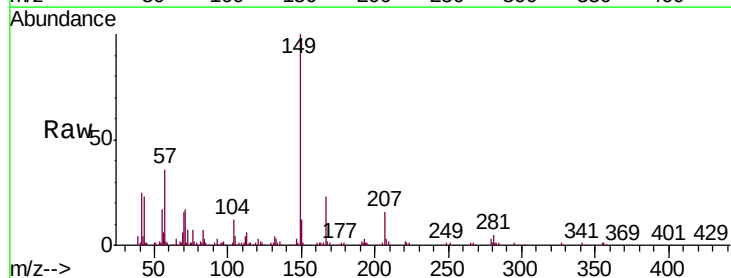
Tgt Ion:149 Resp: 119896

Ion Ratio Lower Upper

149 100

167 23.5 22.4 33.6

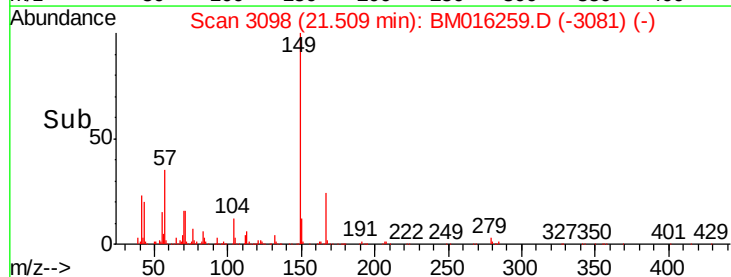
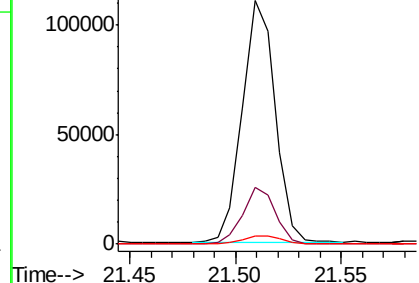
279 3.3 3.4 5.0#

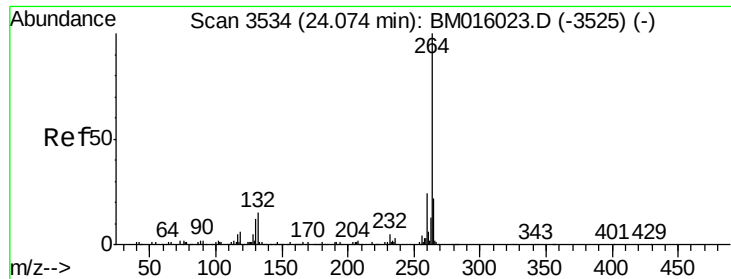


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

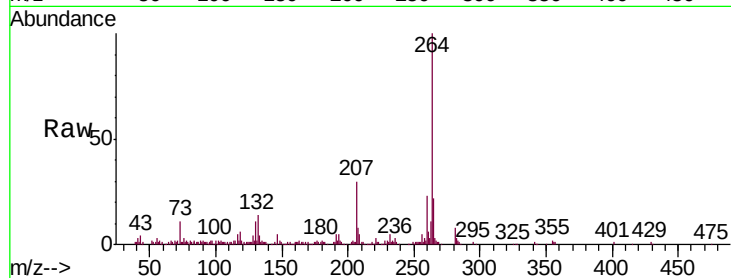




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016259.D
Acq: 08 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

Tgt Ion:	264	Resp:	223874
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.4	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

