

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
 Data File : BM016258.D
 Acq On : 08 Aug 2018 20:09
 Operator : SJ/JU
 Sample : J4360-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 155-SOIL

Quant Time: Aug 09 01:40:58 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

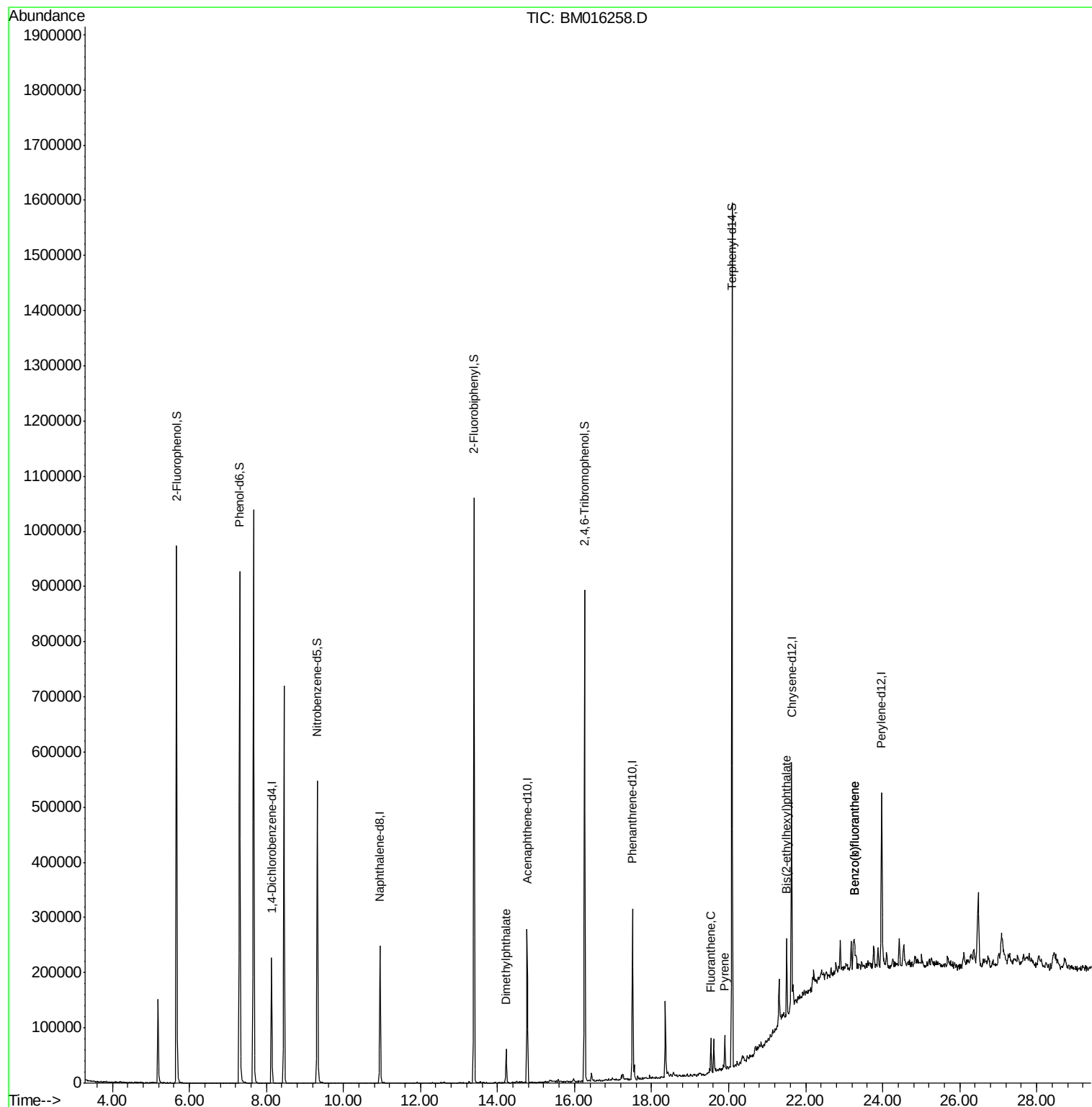
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46822	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	172196	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	79597	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	153773	20.00	ng	0.00
75) Chrysene-d12	21.64	240	167828	20.00	ng	0.00
86) Perylene-d12	23.97	264	192115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	314807	111.69	ng	0.00
7) Phenol-d6	7.30	99	368315	100.06	ng	0.00
23) Nitrobenzene-d5	9.32	82	268757	72.59	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	96092	95.18	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	419482	64.12	ng	0.00
78) Terphenyl-d14	20.09	244	502071	62.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	33095	4.751	ng	Qvalue # 98
74) Fluoranthene	19.54	202	32135	3.346	ng	94
77) Pyrene	19.90	202	28911	2.875	ng	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	41204	5.565	ng	91
87) Benzo(b)fluoranthene	23.27	252	26217	2.318	ng	# 89
88) Benzo(k)fluoranthene	23.27	252	25896	2.259	ng	# 85

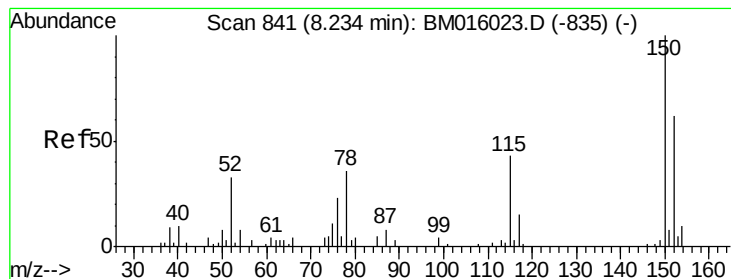
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016258.D

Acq: 08 Aug 2018 20:09

Instrument :

BNA_M

ClientSampleId :

155-SOIL

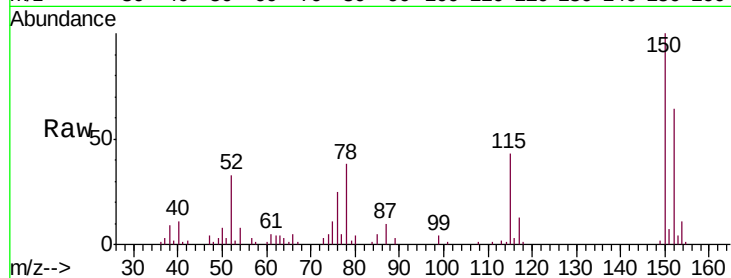
Tgt Ion:152 Resp: 46822

Ion Ratio Lower Upper

152 100

150 157.2 119.5 179.3

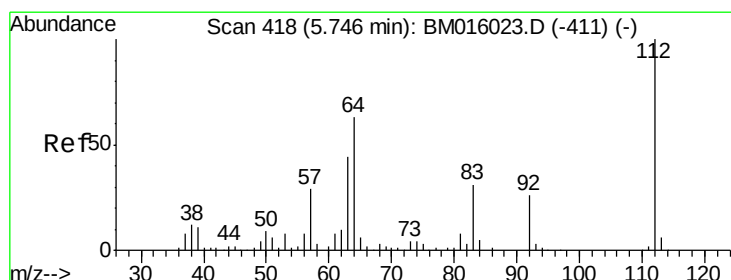
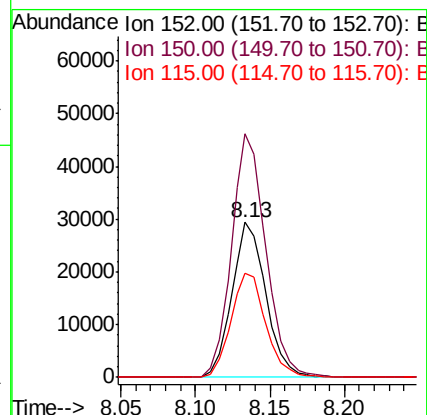
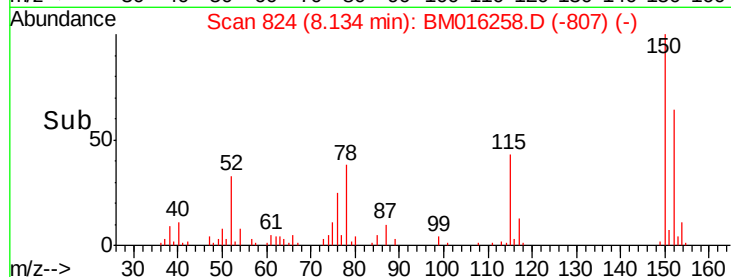
115 66.9 43.0 64.4#



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: BM016258.D

Acq: 08 Aug 2018 20:09

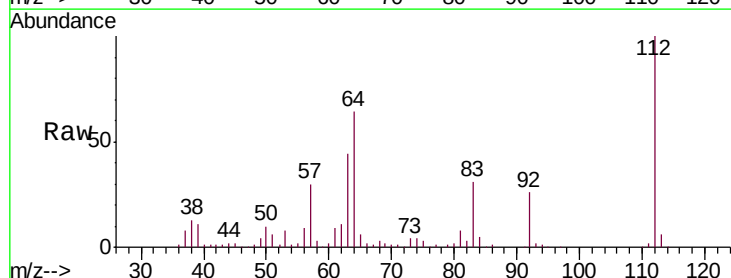
Tgt Ion:112 Resp: 314807

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

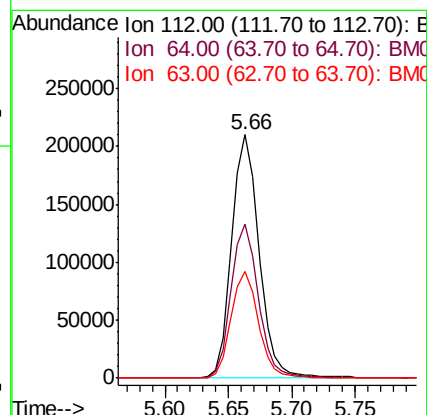
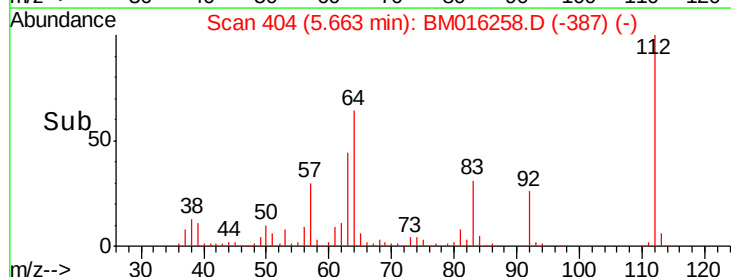
63 44.0 19.3 28.9#

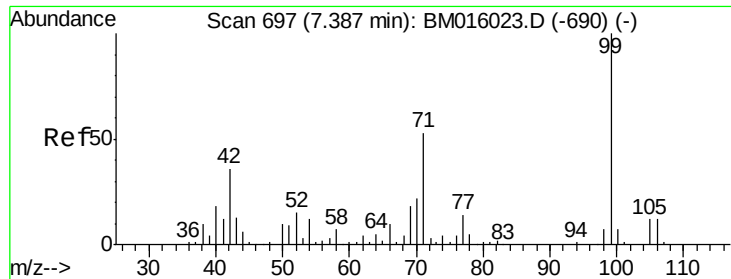


Abundance Ion 112.00 (111.70 to 112.70): E

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# 683

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

Instrument :

BNA_M

ClientSampleId :

155-SOIL

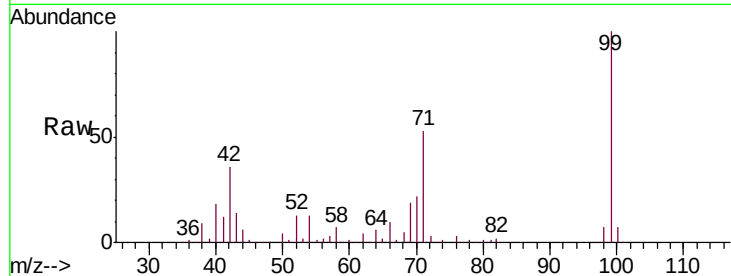
Tgt Ion: 99 Resp: 368315

Ion Ratio Lower Upper

99 100

42 35.5 11.0 16.4#

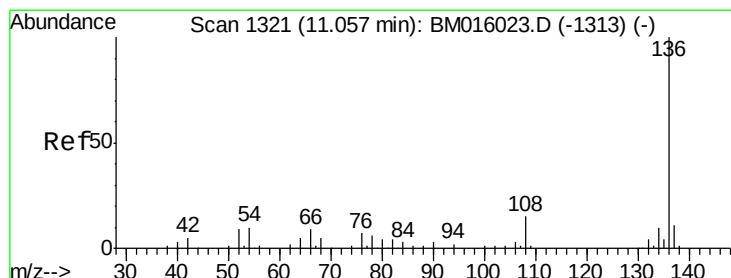
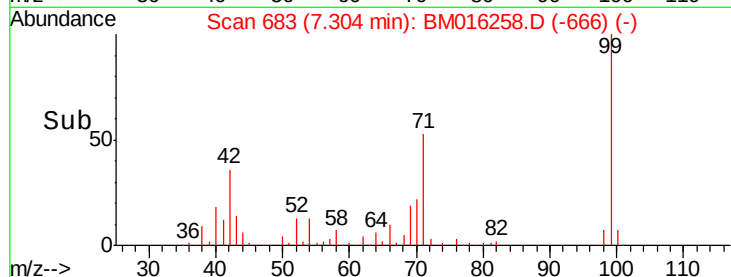
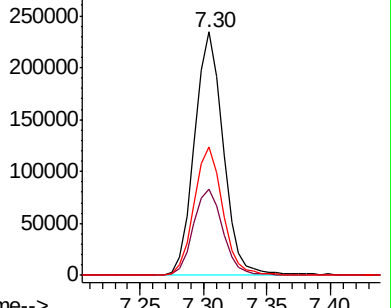
71 52.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016258.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016258.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016258.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

Tgt Ion: 136 Resp: 172196

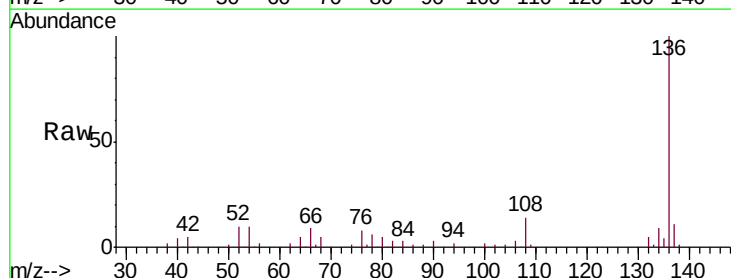
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.7 4.6 6.8#

68 4.8 3.7 5.5

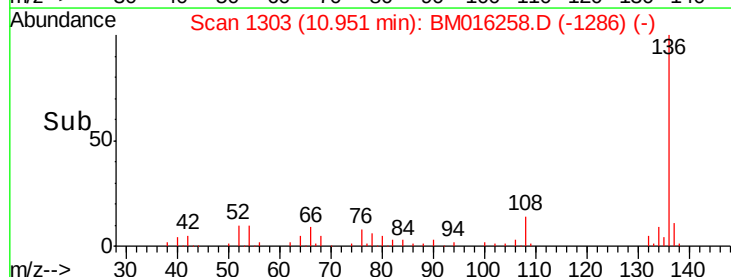
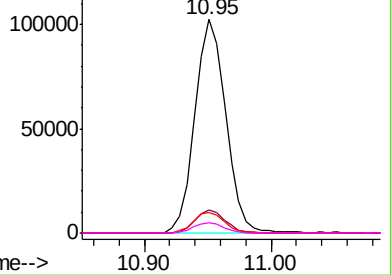


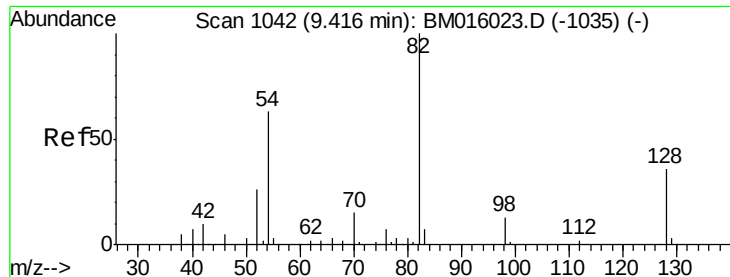
Abundance Ion 136.00 (135.70 to 136.70): BM016258.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016258.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016258.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016258.D (-1286) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.32 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

Instrument :

BNA_M

ClientSampleId :

155-SOIL

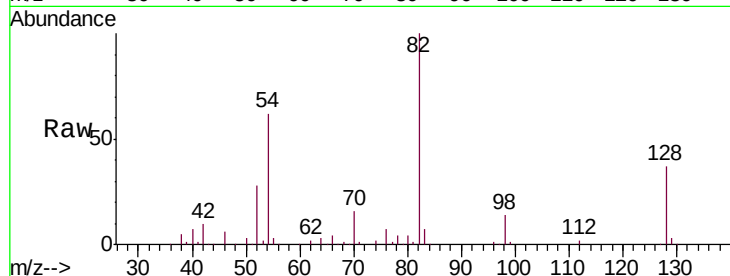
Tgt Ion: 82 Resp: 268757

Ion Ratio Lower Upper

82 100

128 36.8 32.8 49.2

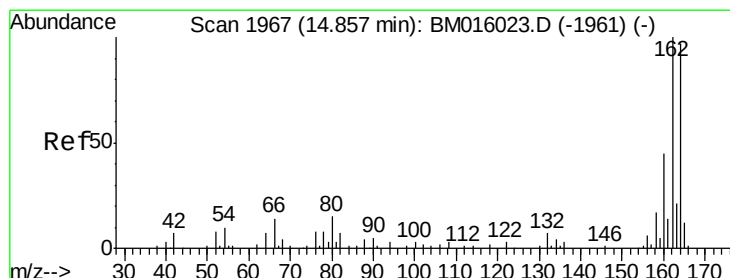
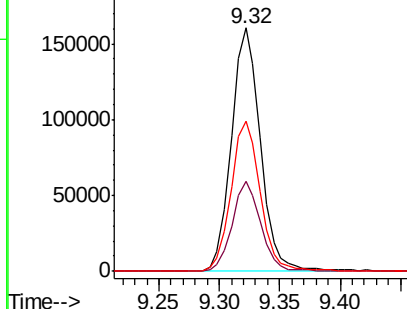
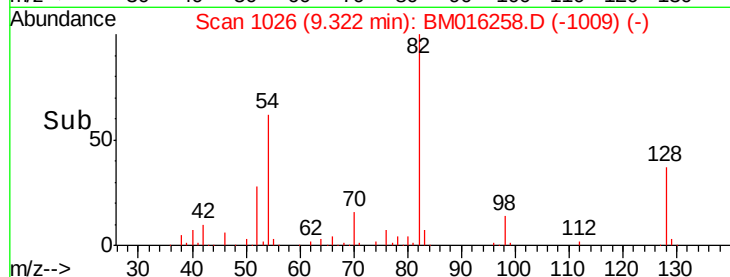
54 61.5 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016258.D (-1009) (-)

Ion 128.00 (127.70 to 128.70): BM016258.D (-1009) (-)

Ion 54.00 (53.70 to 54.70): BM016258.D (-1009) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

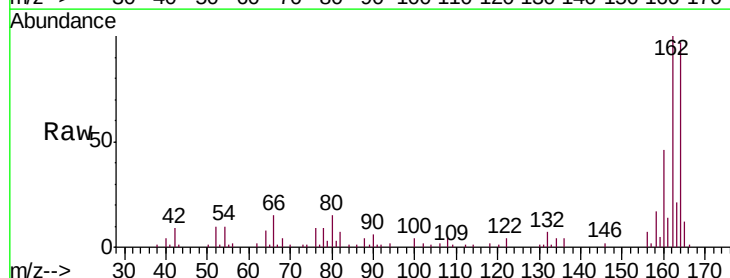
Tgt Ion: 164 Resp: 79597

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

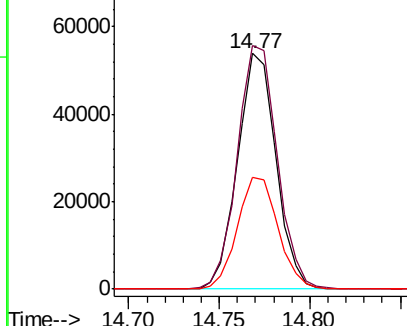
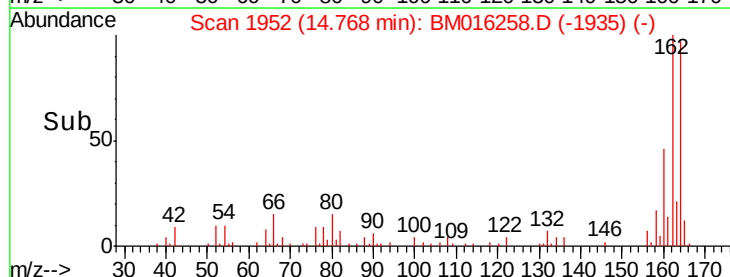
160 47.5 35.8 53.6

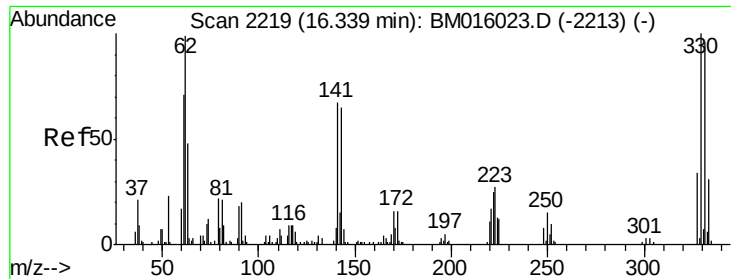


Abundance Ion 164.00 (163.70 to 164.70): BM016258.D (-1935) (-)

Ion 162.00 (161.70 to 162.70): BM016258.D (-1935) (-)

Ion 160.00 (159.70 to 160.70): BM016258.D (-1935) (-)

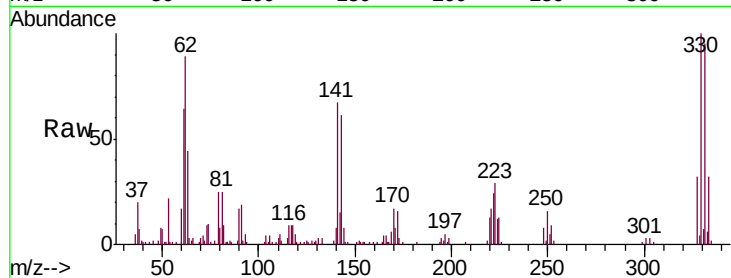




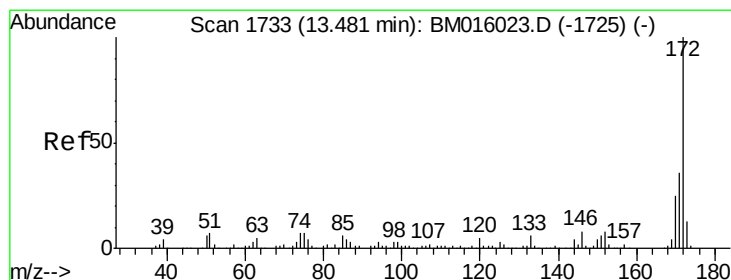
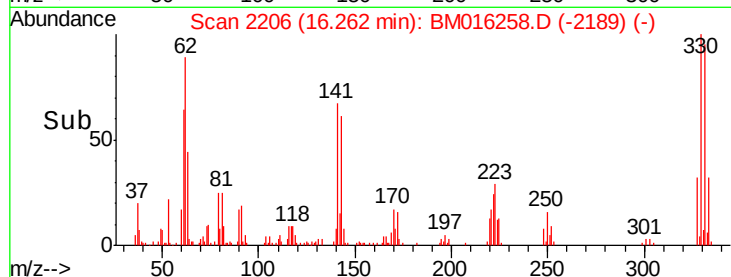
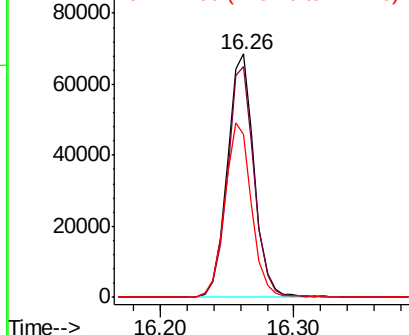
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

Instrument :
 BNA_M
 ClientSampleId :
 155-SOIL

Tgt Ion:330 Resp: 96092
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 72.0 0.0 0.0#

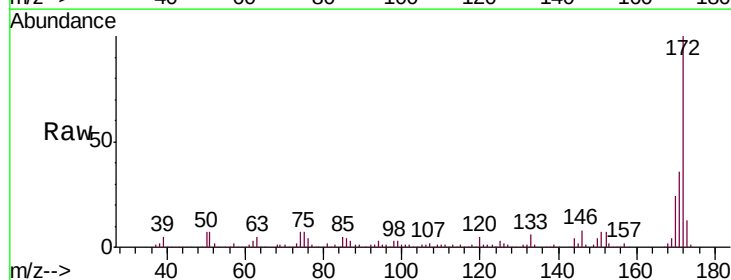


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

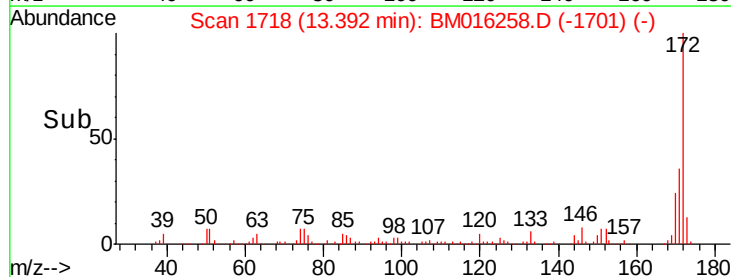
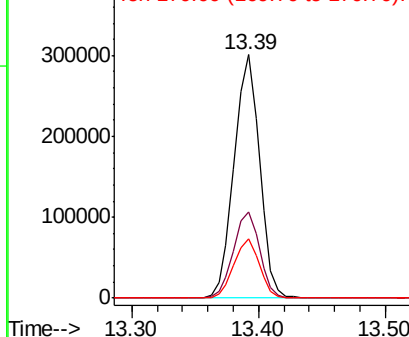


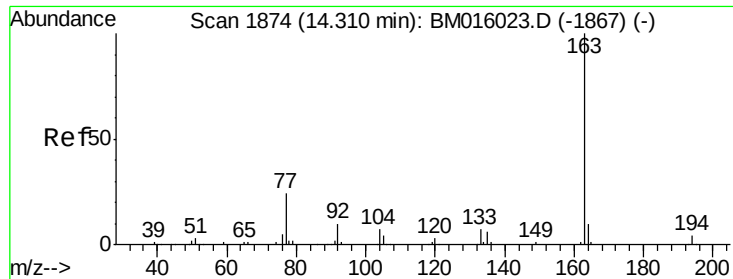
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

Tgt Ion:172 Resp: 419482
 Ion Ratio Lower Upper
 172 100
 171 35.5 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: 4.751 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

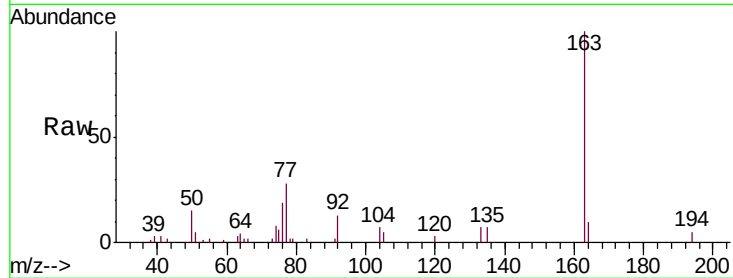
Instrument :

BNA_M

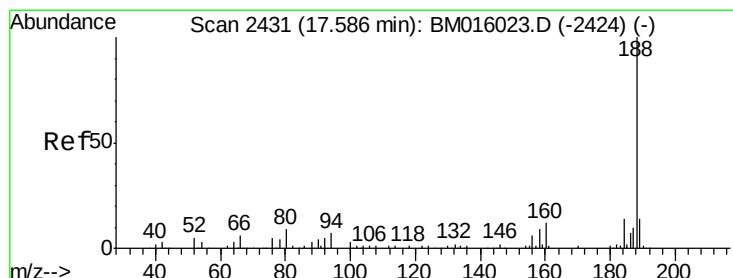
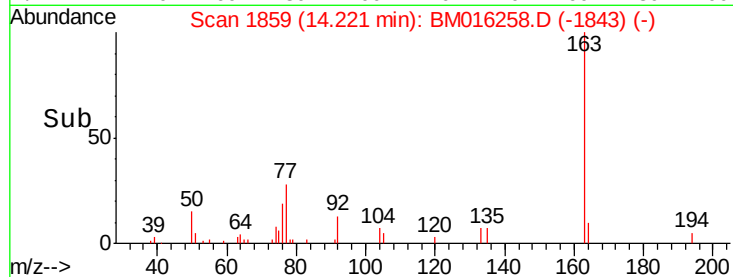
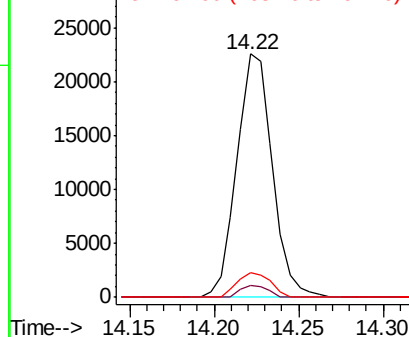
ClientSampleId :

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Tgt Ion:	163	Resp:	33095
Ion	Ratio	Lower	Upper
163	100		
194	4.8	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

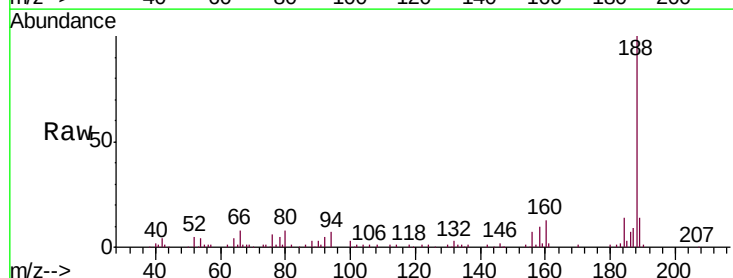
RT: 17.50 min Scan# 2417

Delta R.T. -0.01 min

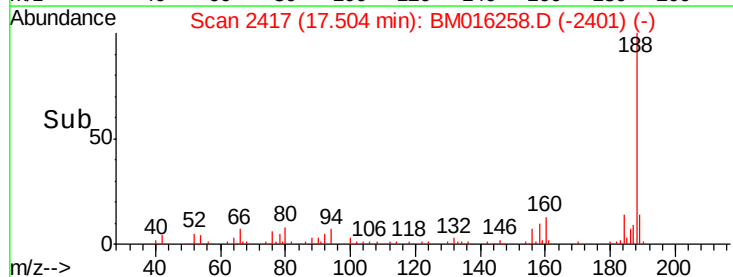
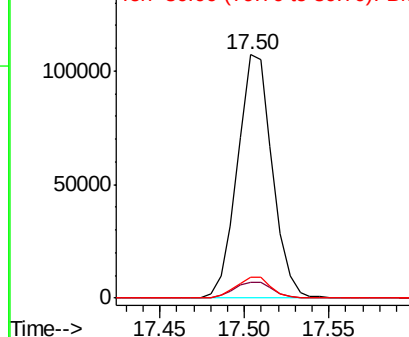
Lab File: BM016258.D

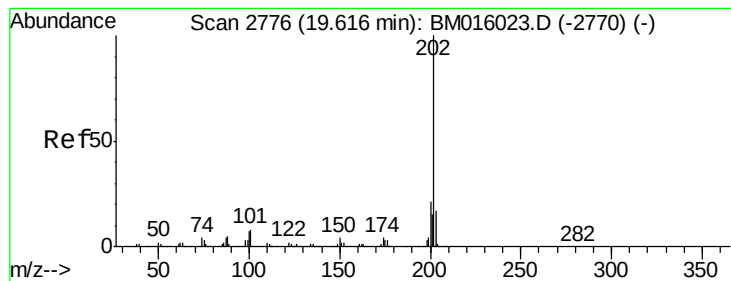
Acq: 08 Aug 2018 20:09

Tgt Ion:	188	Resp:	153773
Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.4	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





#74

Fluoranthene

Concen: 3.346 ng

RT: 19.54 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

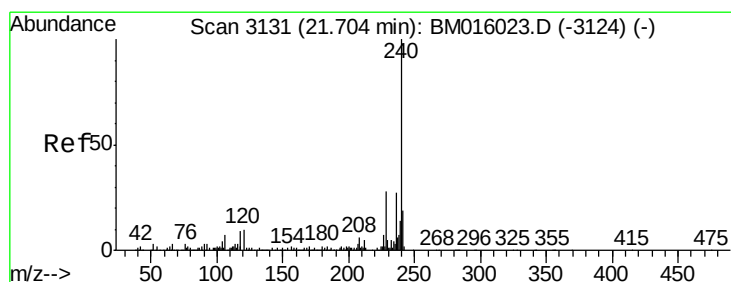
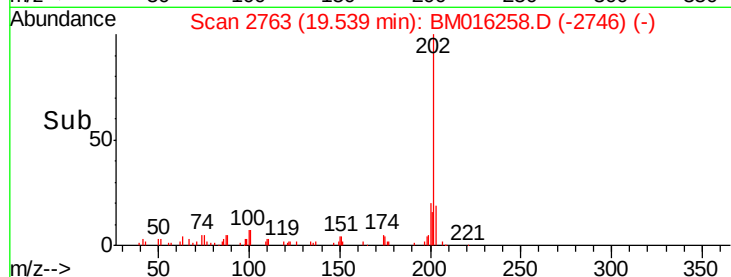
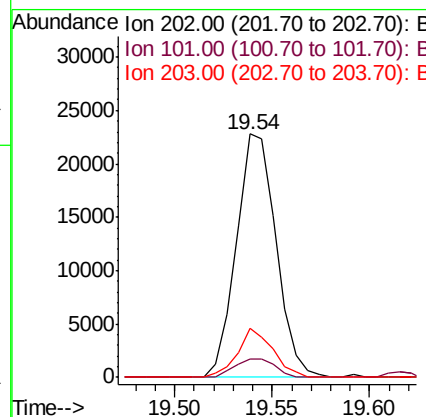
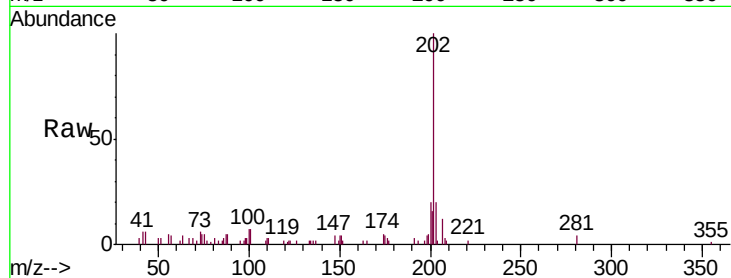
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	202	Resp:	32135
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	20.3	0.0	37.2



#75

Chrysene-d12

Concen: 20.000 ng

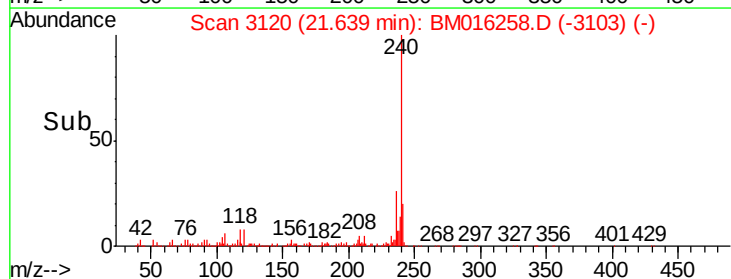
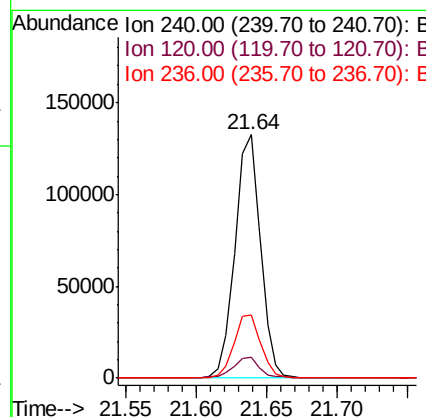
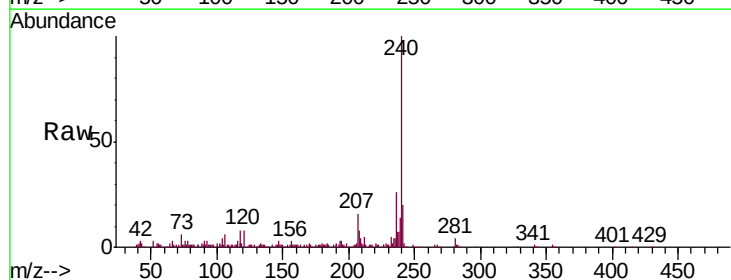
RT: 21.64 min Scan# 3120

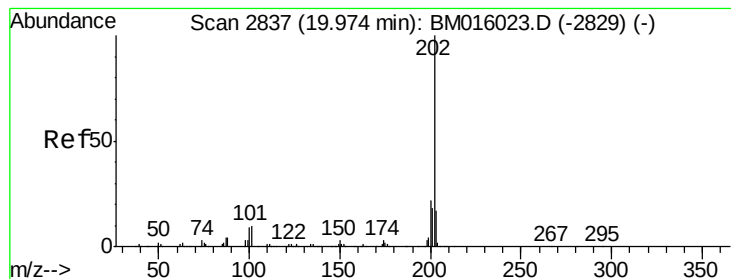
Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

Tgt Ion:	240	Resp:	167828
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.1	20.0	30.0





#77

Pyrene

Concen: 2.875 ng

RT: 19.90 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

Instrument :

BNA_M

ClientSampleId :

155-SOIL

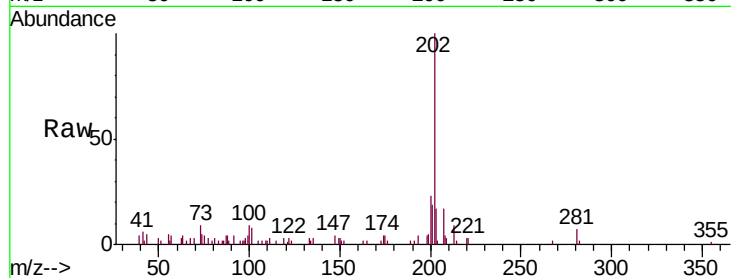
Tgt Ion:202 Resp: 28911

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

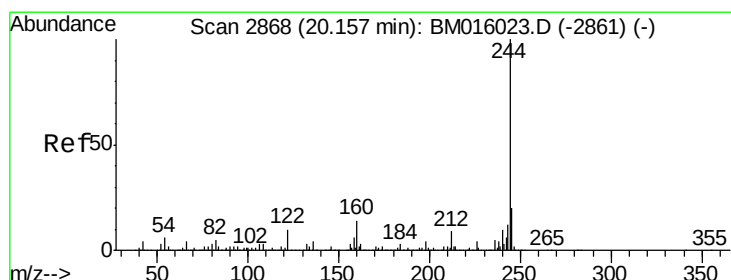
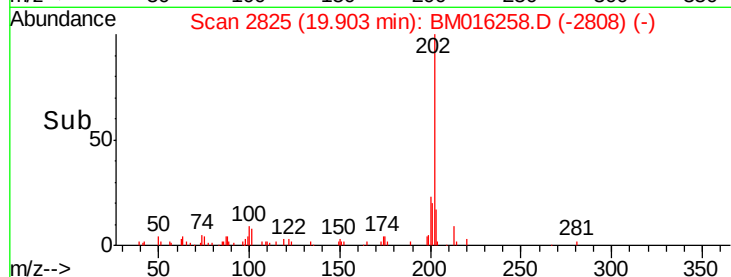
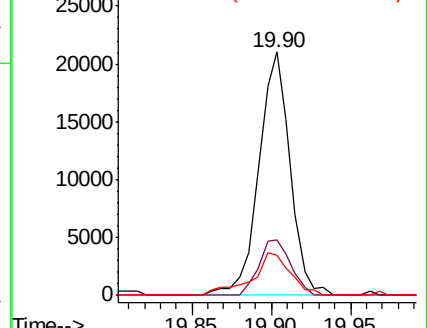
203 16.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 2.875 ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016258.D

Acq: 08 Aug 2018 20:09

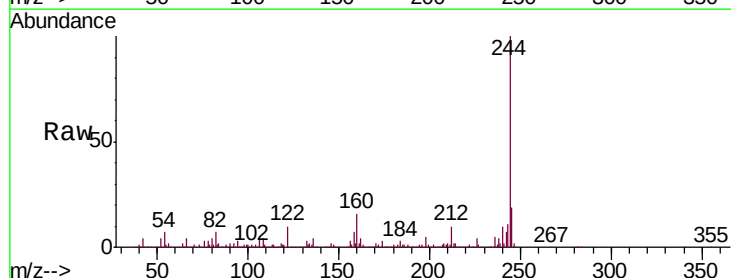
Tgt Ion:244 Resp: 502071

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

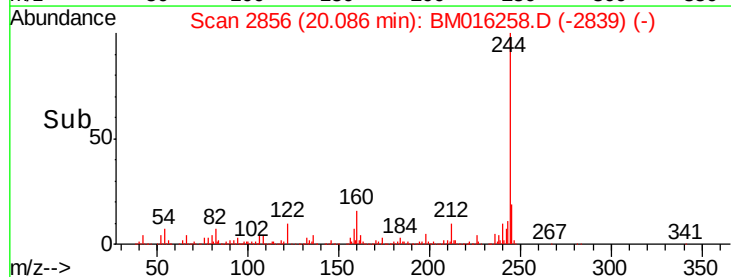
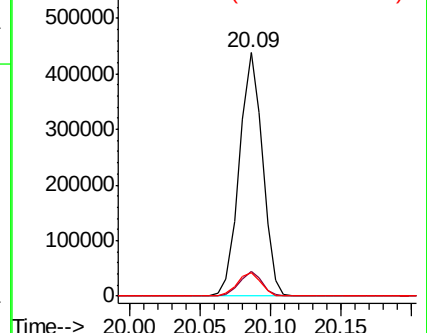
122 9.8 6.2 9.4#

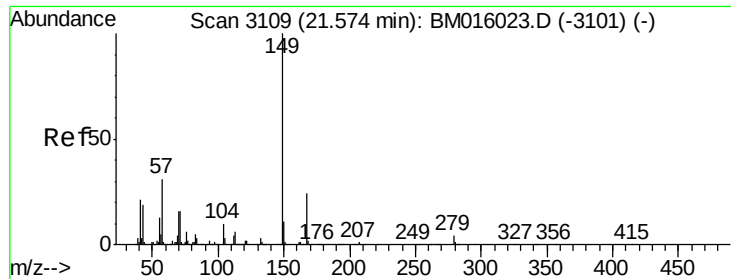


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

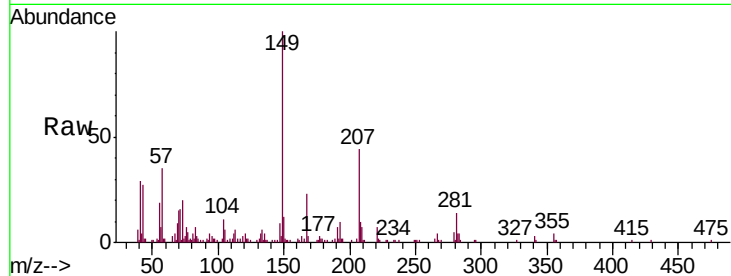




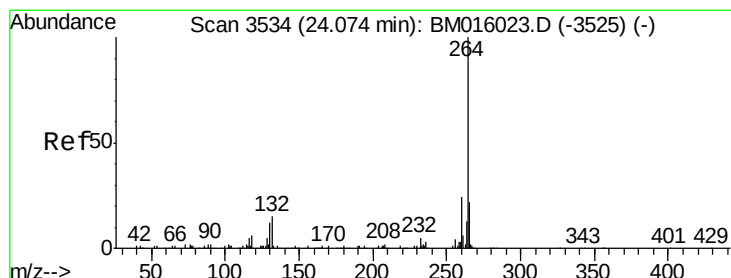
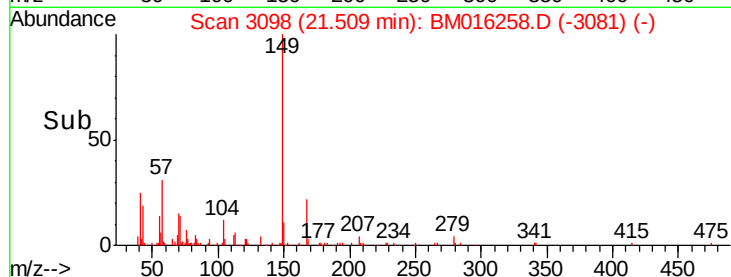
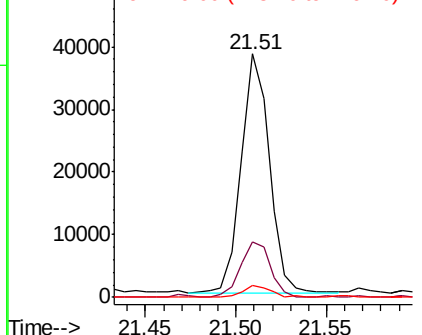
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.565 ng
RT: 21.51 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

Instrument :
BNA_M
ClientSampled :
155-SOIL

Tgt Ion:149 Resp: 41204
Ion Ratio Lower Upper
149 100
167 22.6 22.4 33.6
279 4.8 3.4 5.0

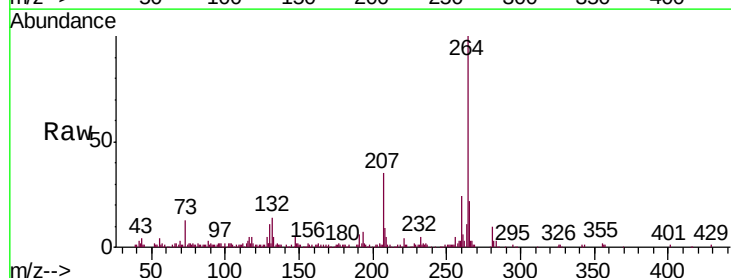


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

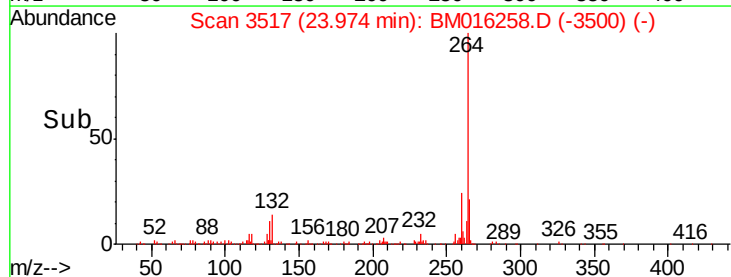
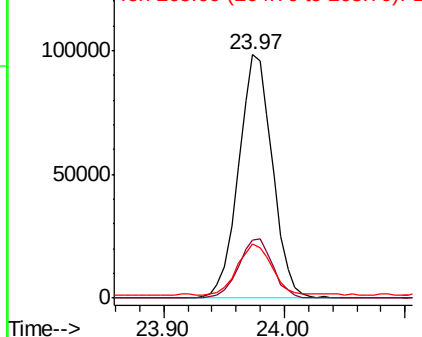


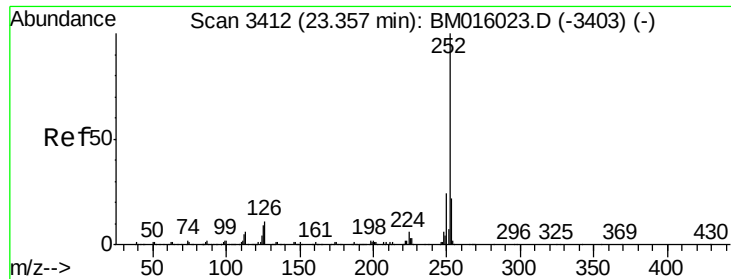
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

Tgt Ion:264 Resp: 192115
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.1 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

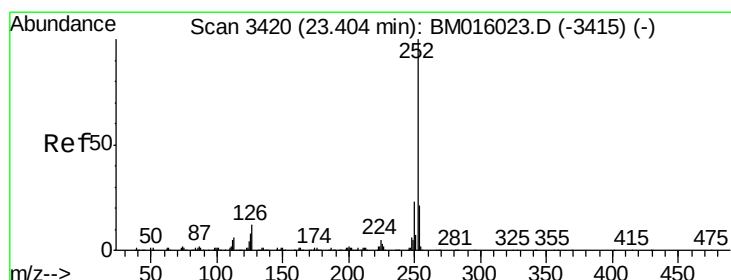
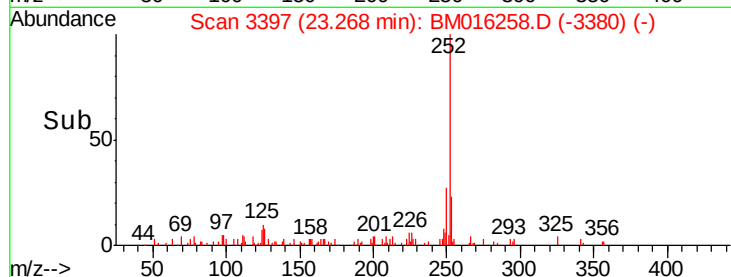
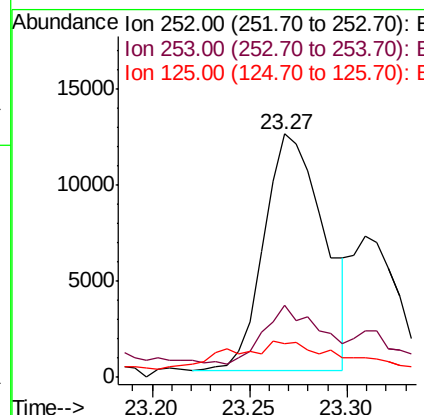
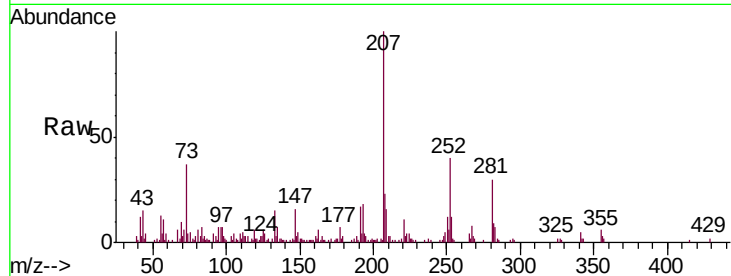




#87
Benzo(b)fluoranthene
Concen: 2.318 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

Instrument :
BNA_M
ClientSampleId :
155-SOIL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.0	27.0#
125	13.8	9.9	14.9



#88
Benzo(k)fluoranthene
Concen: 2.259 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.05 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.2	25.8#
125	13.8	8.1	12.1#

