

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 05:09:40 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

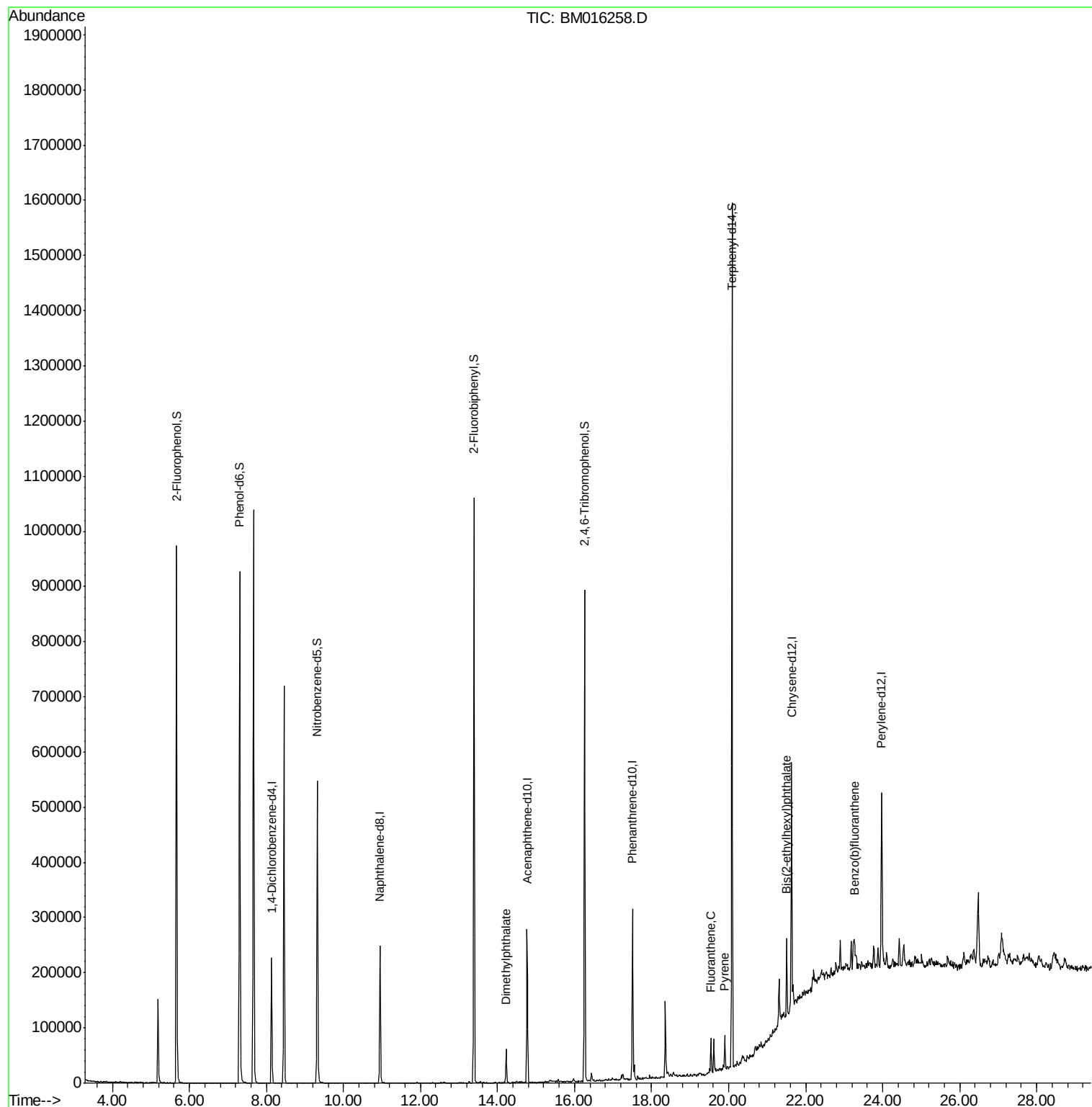
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46822	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	172196	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	79597	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	153773	20.00	ng	0.00
75) Chrysene-d12	21.64	240	167828	20.00	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

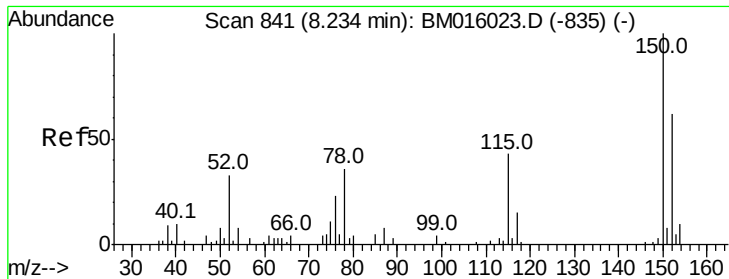
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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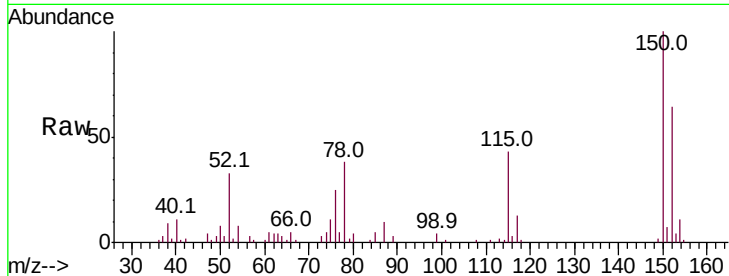


#1

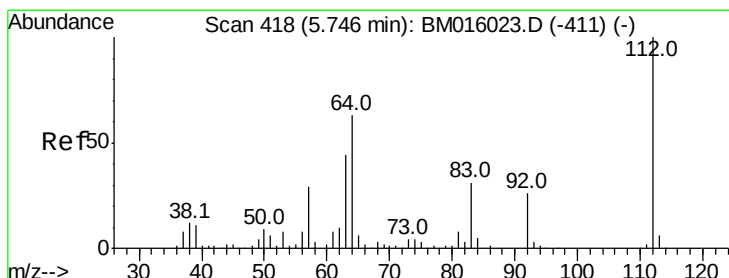
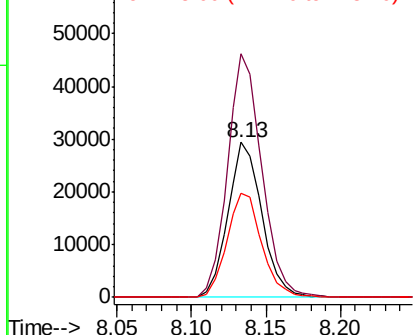
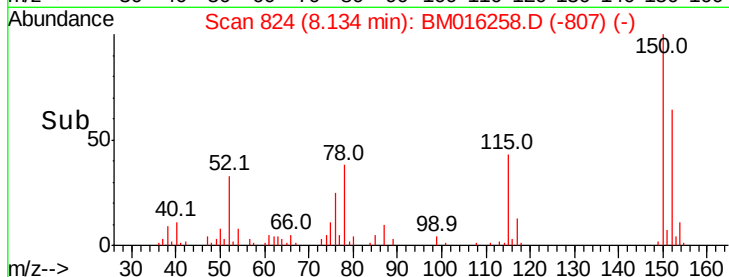
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

Instrument :
BNA_M
ClientSampleId :
155-SOIL

Tot Ion:152 Resp: 46822
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 66.9 43.0 64.4#



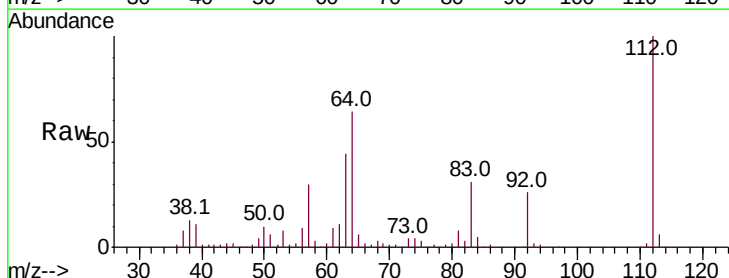
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



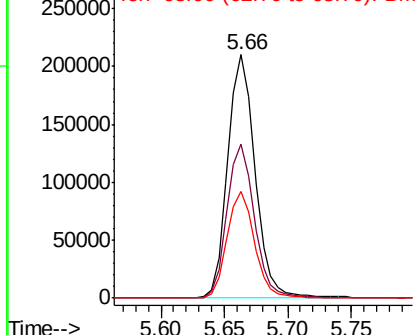
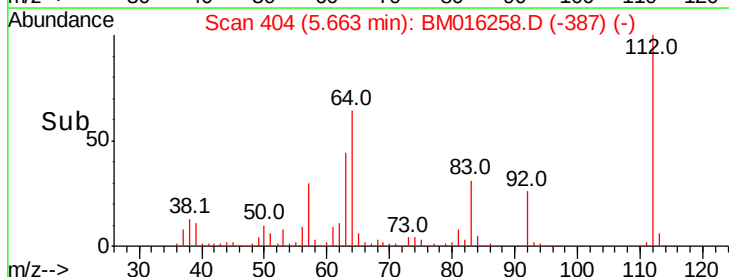
#5

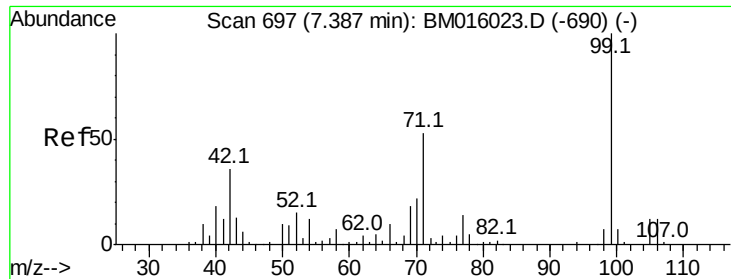
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016258.D
Acq: 08 Aug 2018 20:09

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

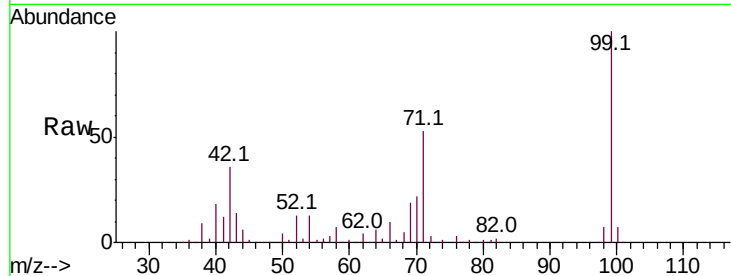
Tot Ion: 99 Resp: 368315

Ion Ratio Lower Upper

99 100

42 35.5 11.0 16.4#

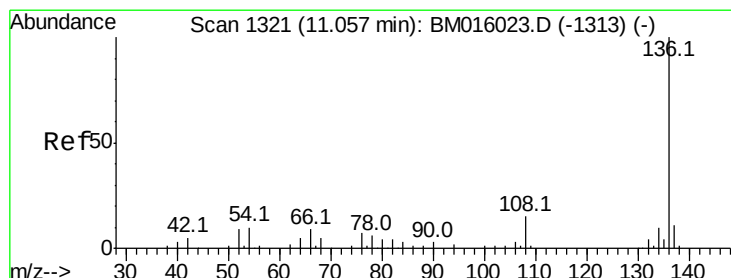
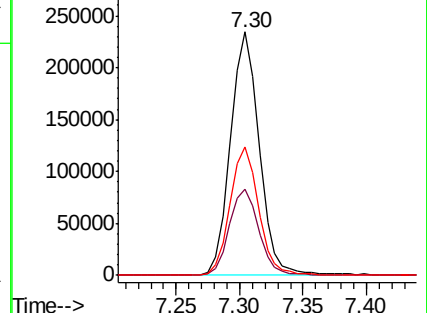
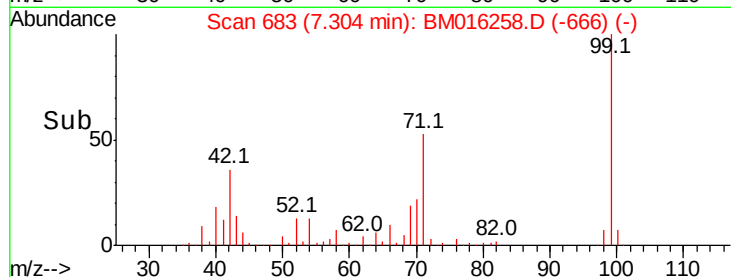
71 52.9 23.4 35.2#



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

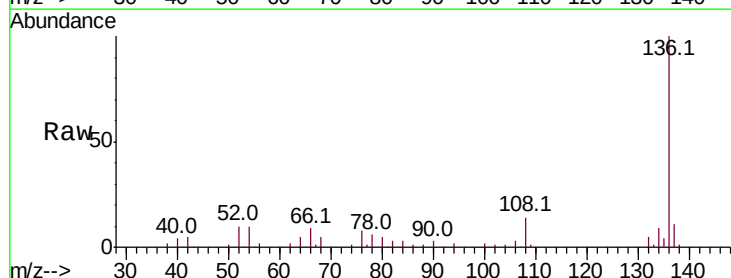
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.7 4.6 6.8#

68 4.8 3.7 5.5

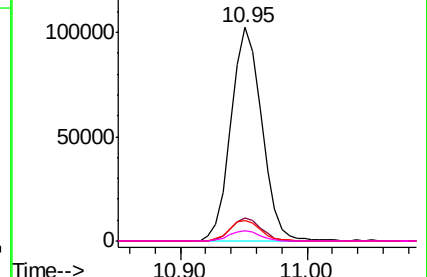
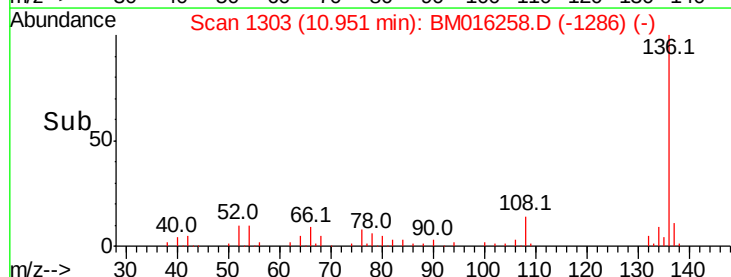


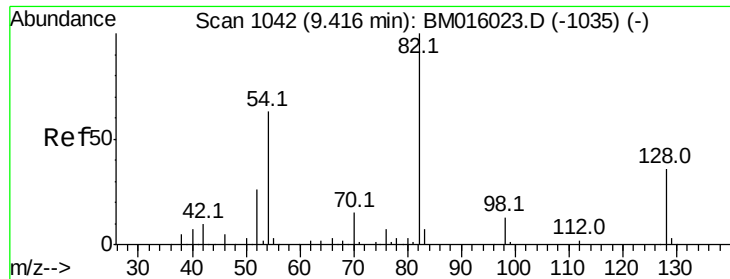
Abundance Ion 136.00 (135.70 to 136.70): BM016258.D (-1286) (-)

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) (-)

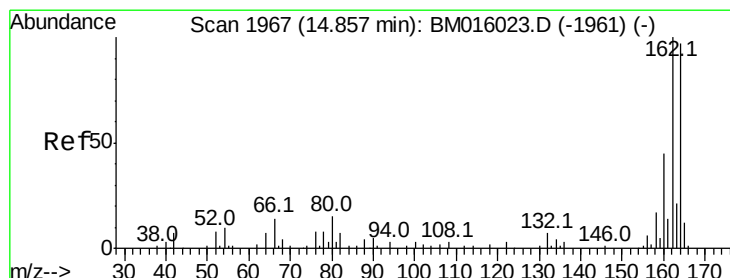
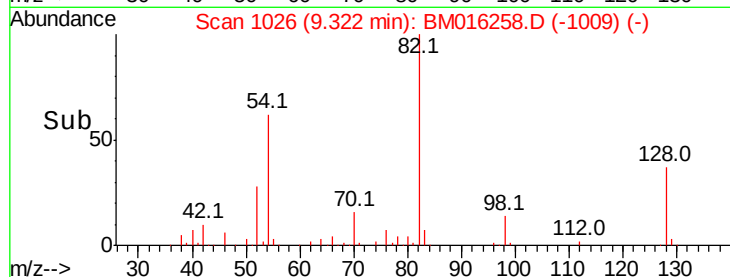
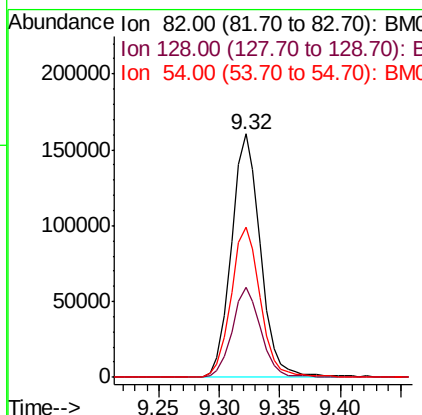
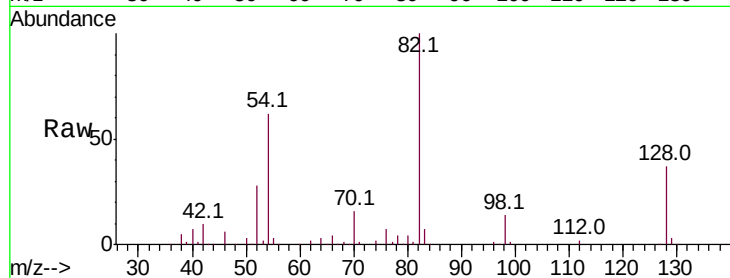




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

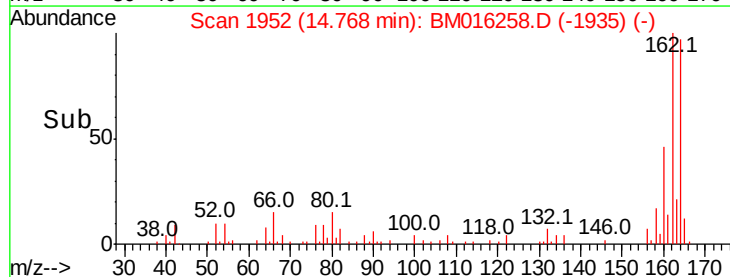
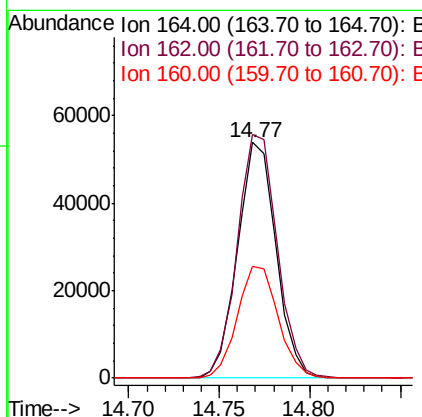
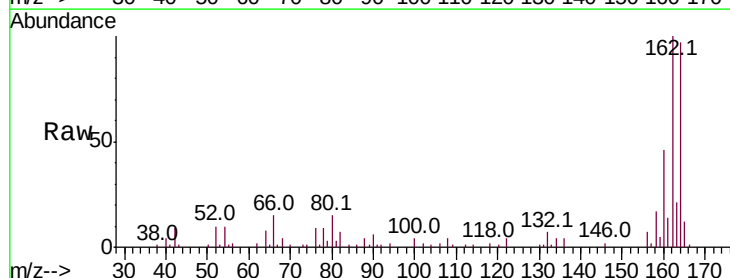
Instrument :
 BNA_M
 ClientSampleId :
 155-SOIL

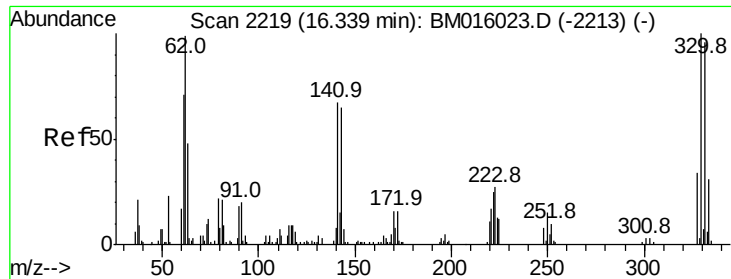
Tot Ion: 82 Resp: 268757
 Ion Ratio Lower Upper
 82 100
 128 36.8 32.8 49.2
 54 61.5 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: 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

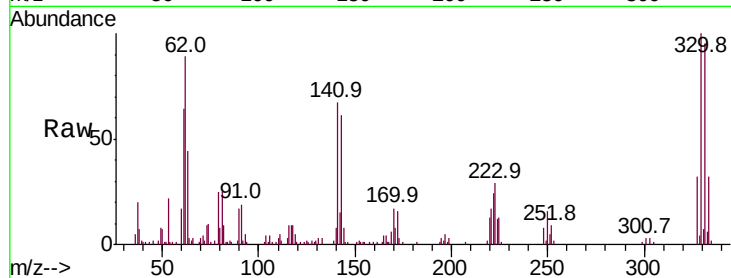




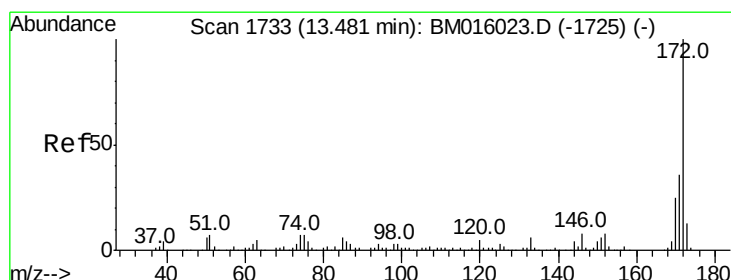
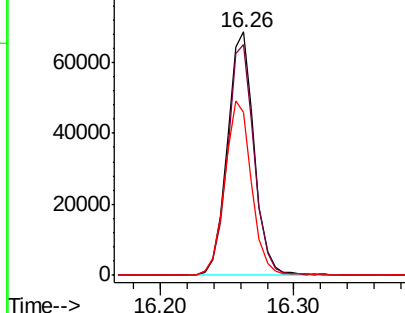
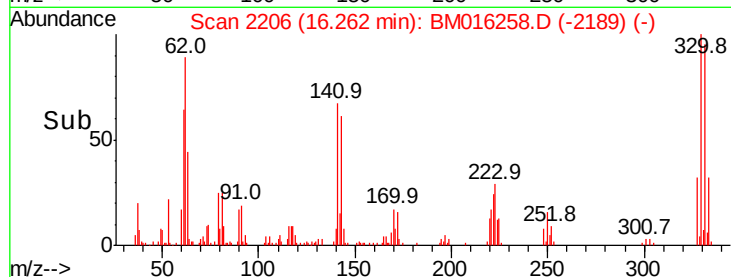
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

Instrument :
 BNA_M
 ClientSampleId :
 155-SOIL

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

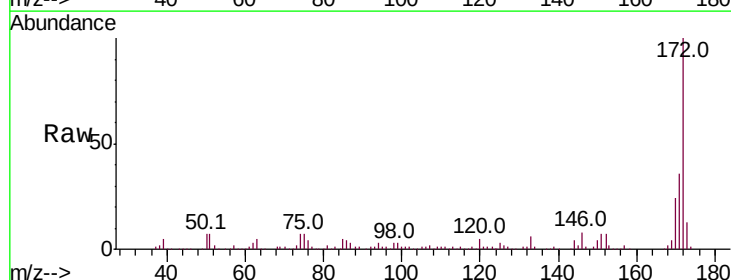


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

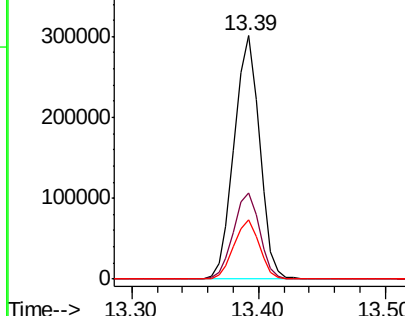
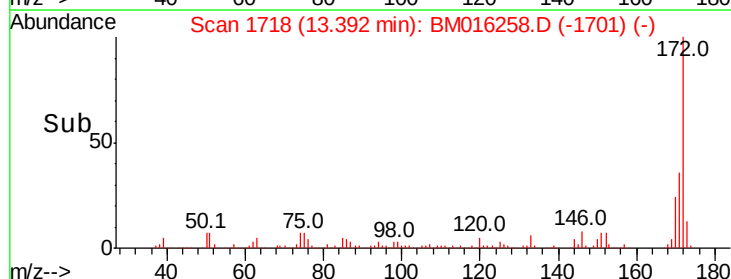


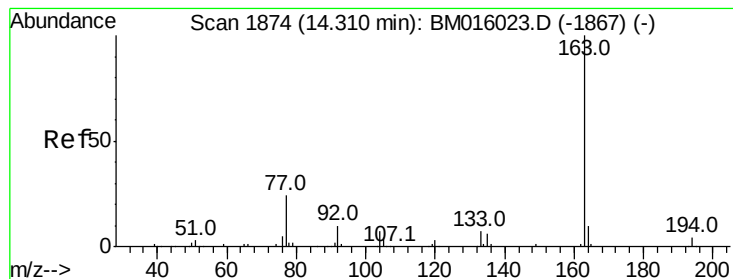
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

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 :

155-SOIL

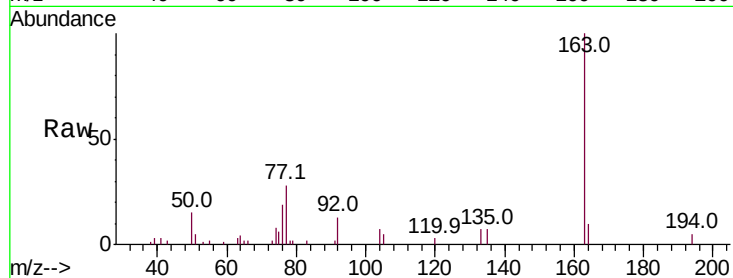
Tot Ion:163 Resp: 33095

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

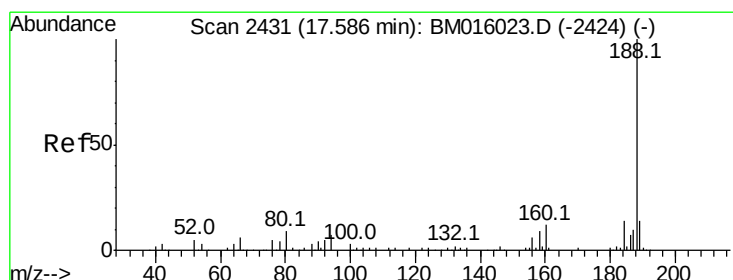
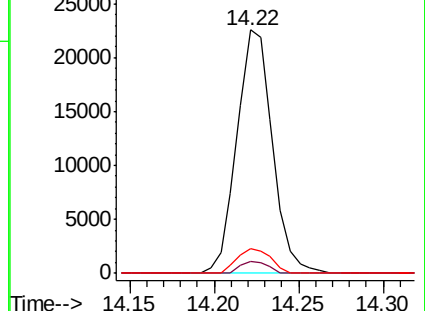
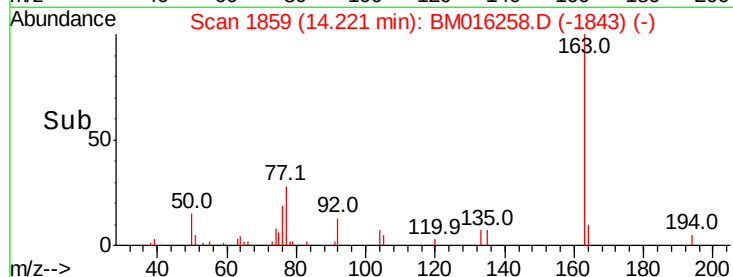
164 9.9 8.2 12.2



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

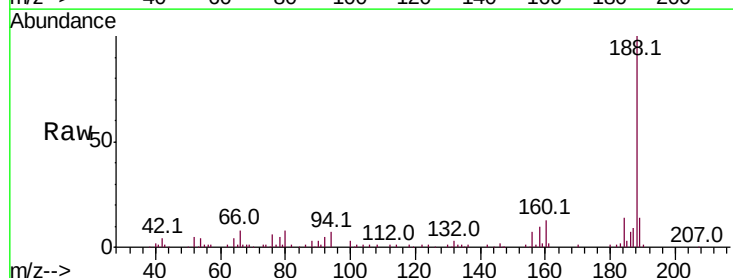
Tgt Ion:188 Resp: 153773

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

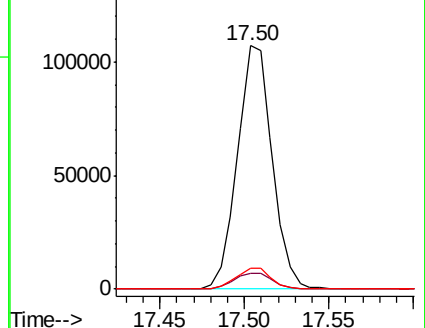
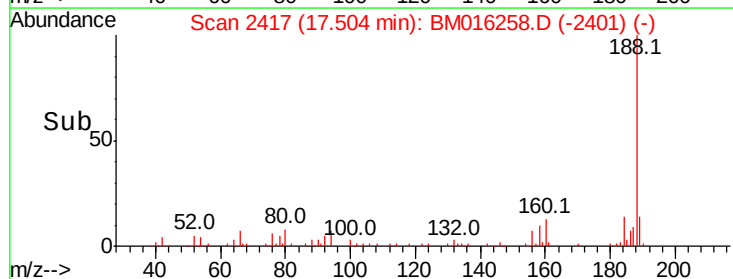
80 8.4 9.3 13.9#

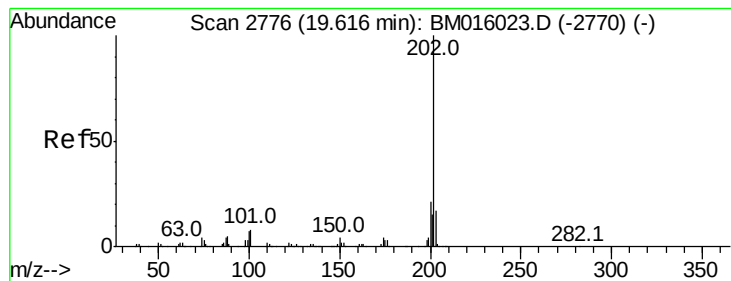


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

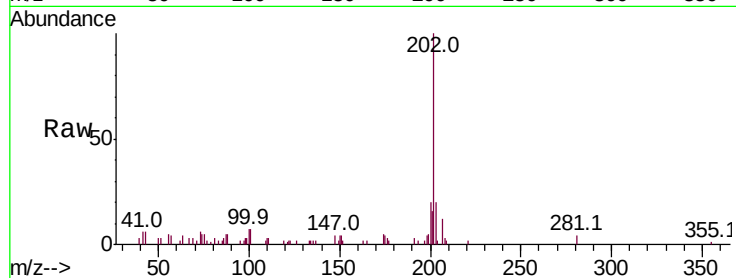




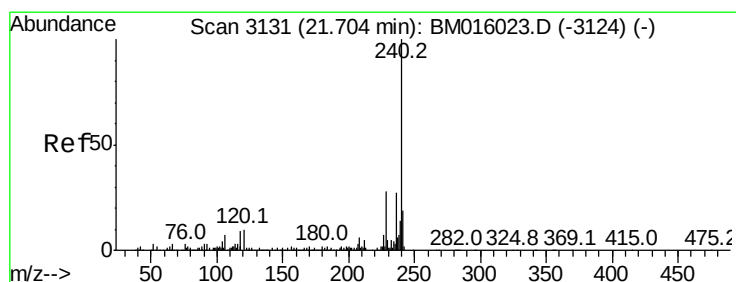
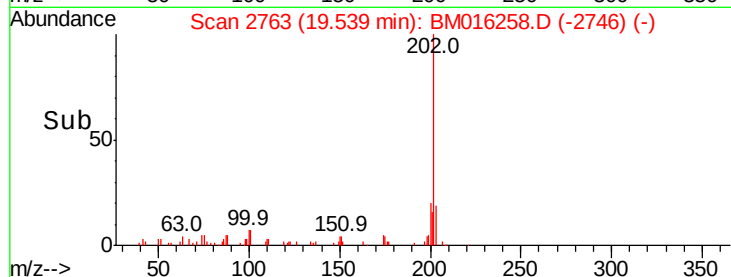
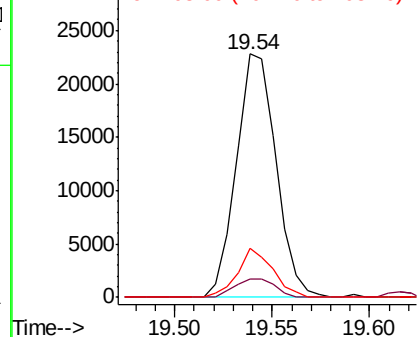
#74
 Fluoranthene
 Concen: 3.346 ng
 RT: 19.54 min Scan# 2763
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

Instrument :
 BNA_M
 ClientSampleId :
 155-SOIL

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

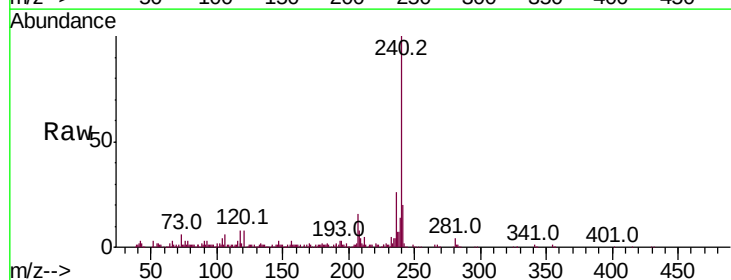


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

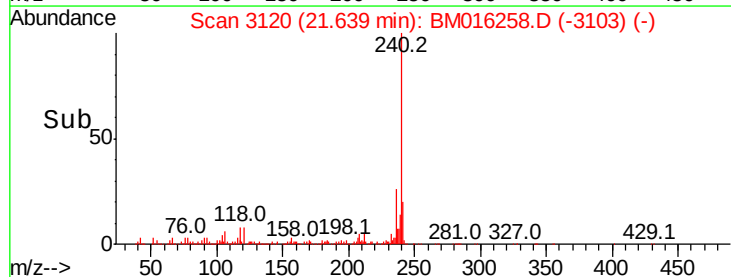
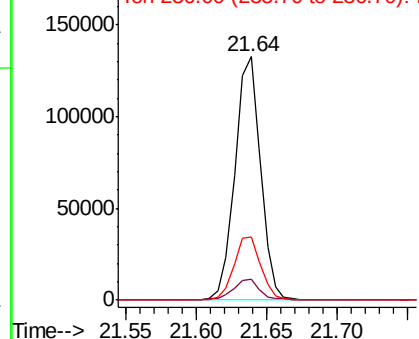


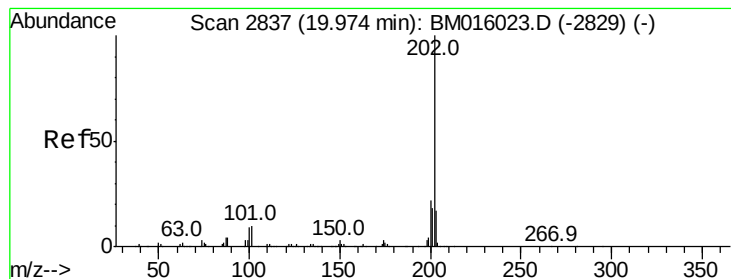
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

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



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





#77

Pvrene

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

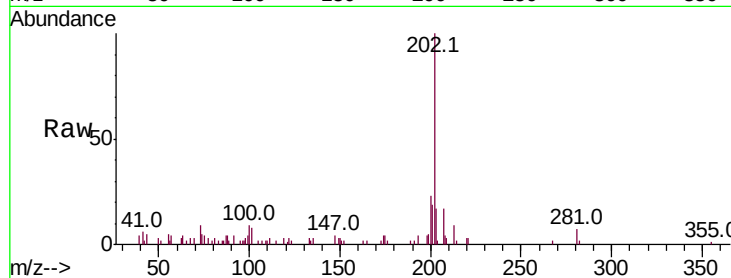
Tot Ion:202 Resp: 28911

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

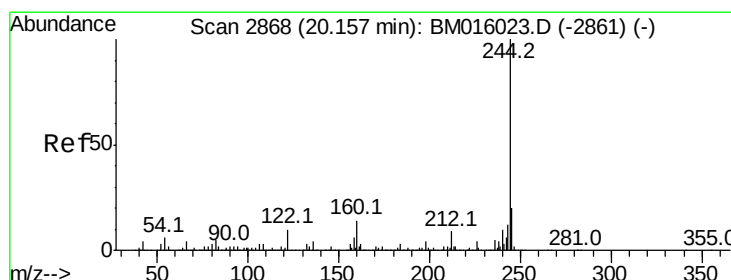
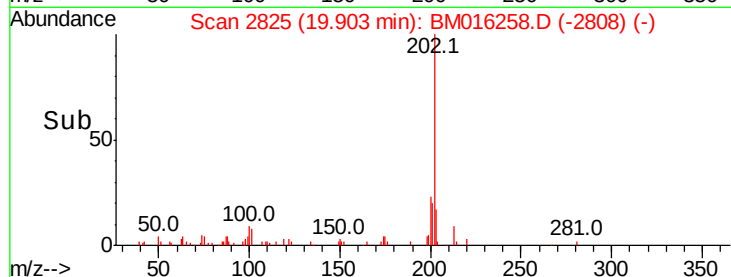
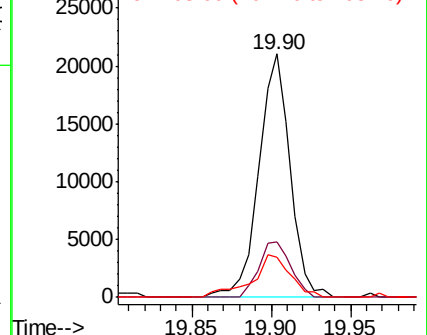
203 16.6 14.1 21.1



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

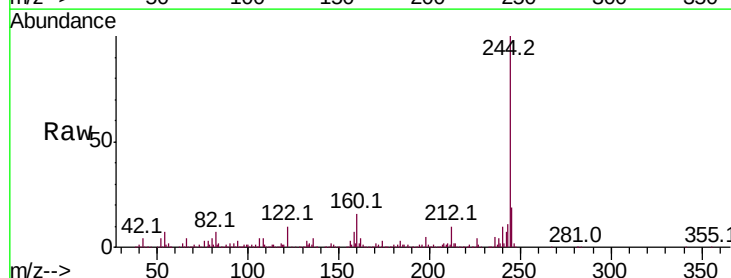
Tgt Ion:244 Resp: 502071

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

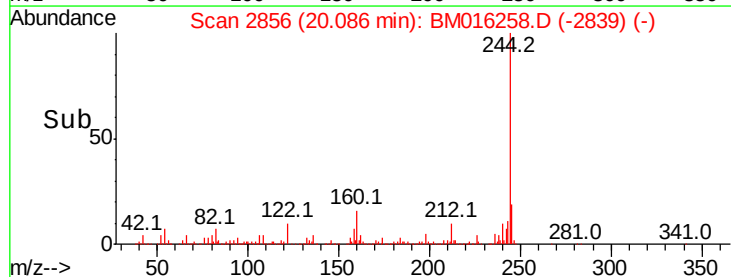
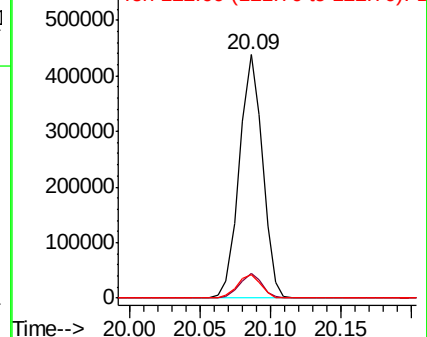
122 9.8 6.2 9.4#

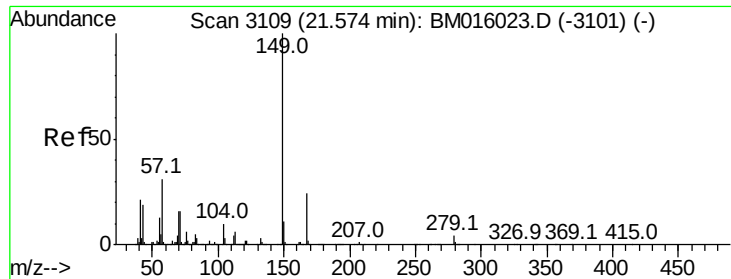


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

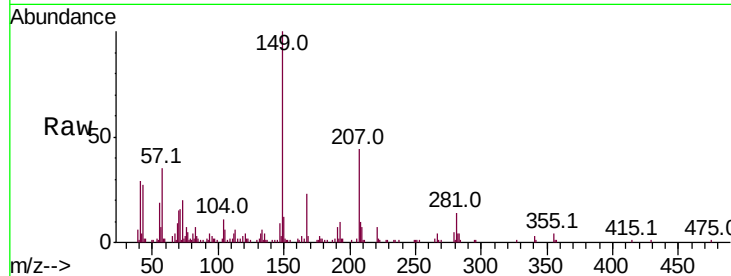




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.565 ng
 RT: 21.51 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM016258.D
 Acq: 08 Aug 2018 20:09

Instrument :
 BNA_M
 ClientSampled :
 155-SOIL

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.6	22.4	33.6
279	4.8	3.4	5.0

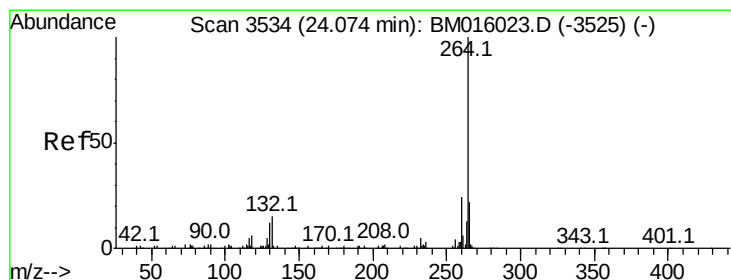
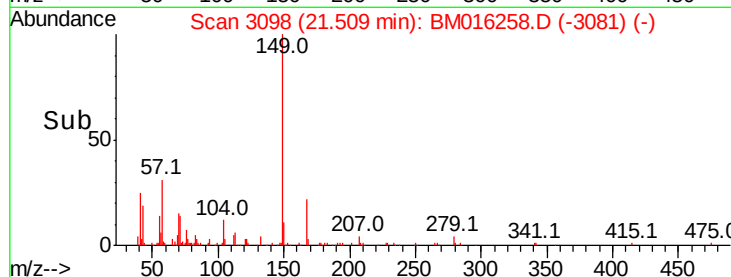
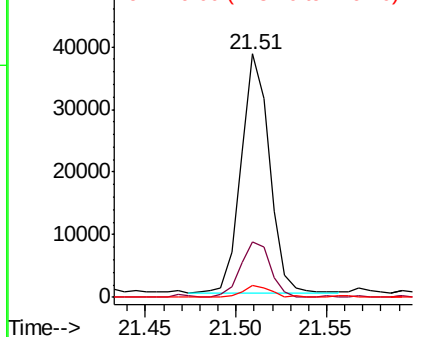


Abundance

Ion 149.00 (148.70 to 149.70): E

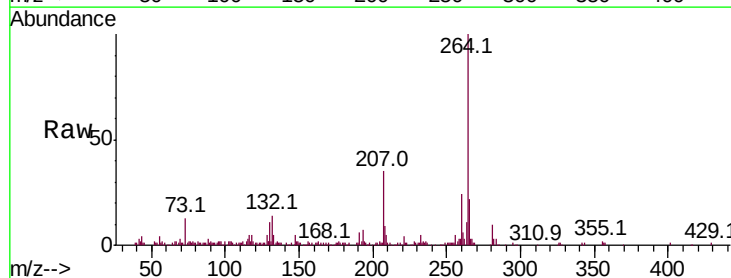
Ion 167.00 (166.70 to 167.70): E

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	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.1	17.3	25.9

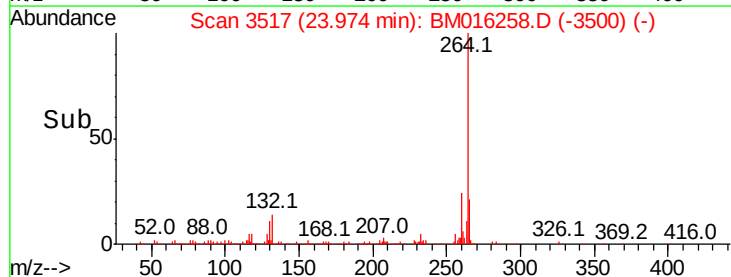
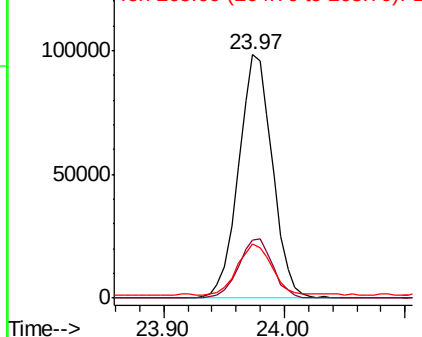


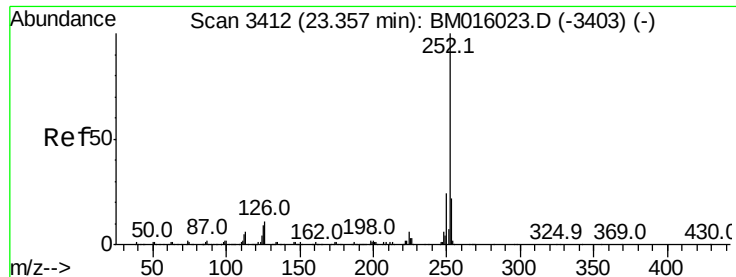
Abundance

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

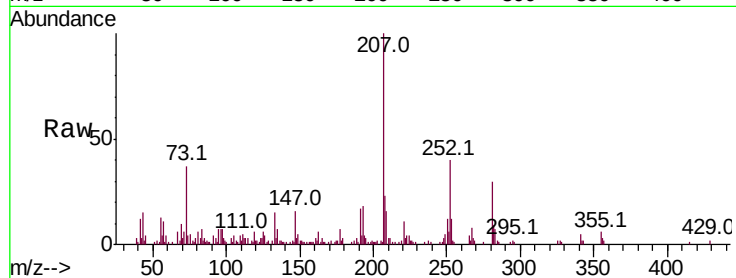
Tot Ion:252 Resp: 26217

Ion Ratio Lower Upper

252 100

253 29.4 18.0 27.0#

125 13.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

