

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010806.D
 Acq On : 13 Jul 2017 11:17
 Operator : SJ/JU
 Sample : I3757-01
 Misc : 8PPM LOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL-01-QT3-2017

Quant Time: Jul 13 13:53:48 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

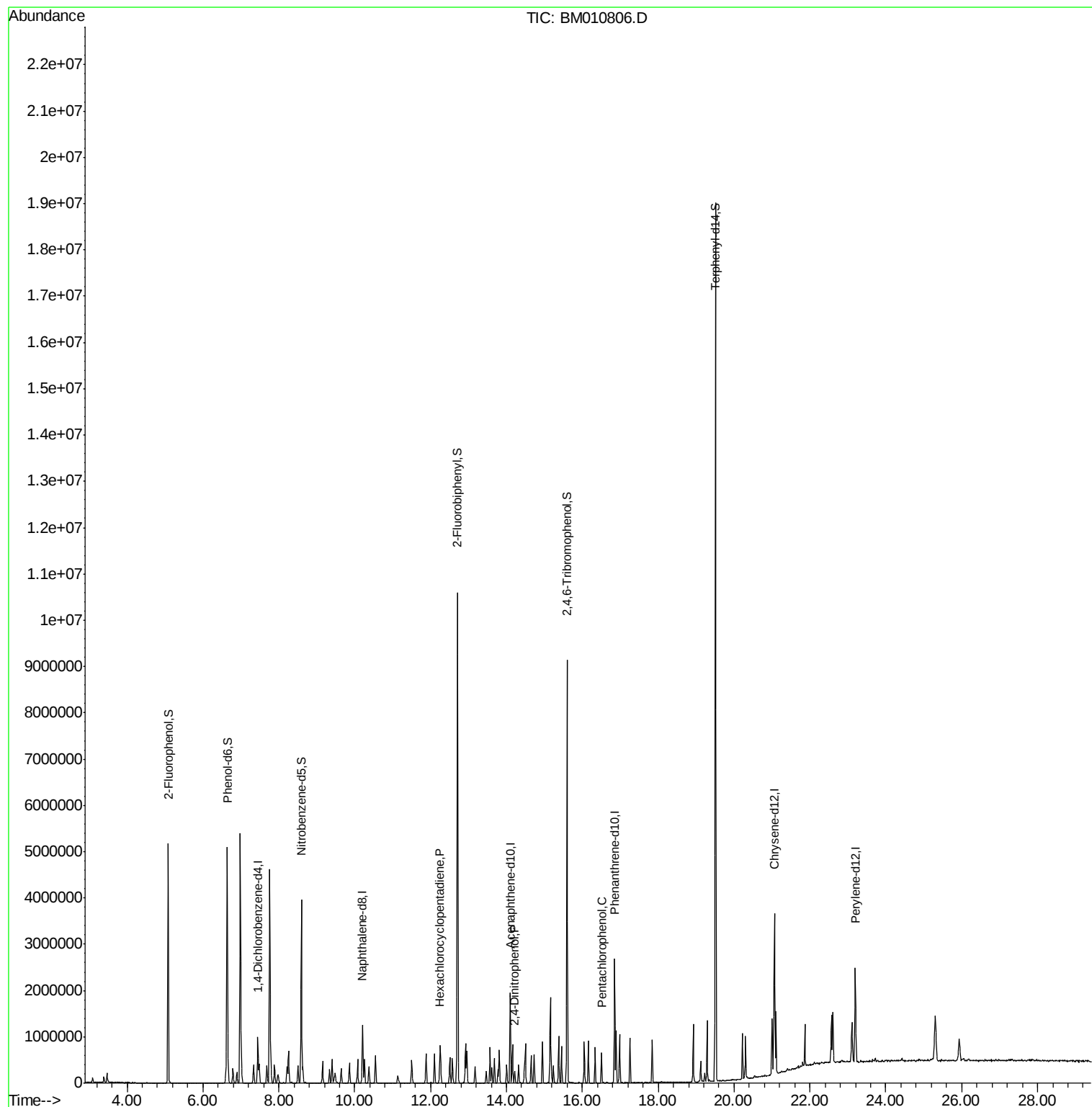
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	194747	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	814036	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	569806	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1427612	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1512495	20.00	ng	0.00
86) Perylene-d12	23.20	264	1389517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1649316	140.29	ng	0.00
7) Phenol-d6	6.64	99	2294529	141.57	ng	0.00
23) Nitrobenzene-d5	8.59	82	2174591	102.68	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1315598	151.08	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4643716	101.38	ng	0.00
78) Terphenyl-d14	19.51	244	7441543	95.16	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.24	237	101061	7.098	ng	92
53) 2,4-Dinitrophenol	14.22	184	44184	6.722	ng	# 91
69) Pentachlorophenol	16.50	266	99927	7.535	ng	95

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

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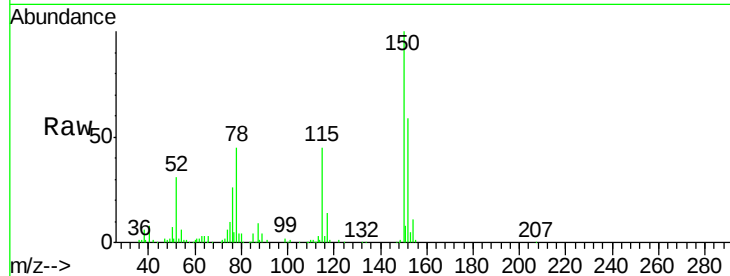


#1

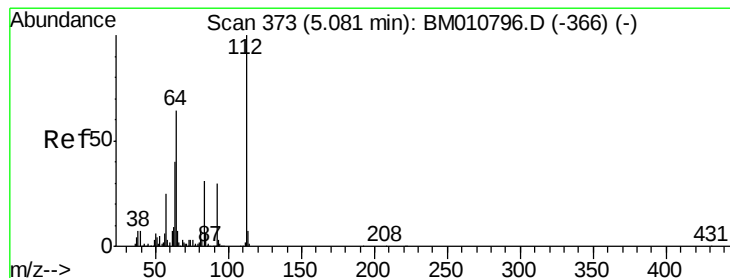
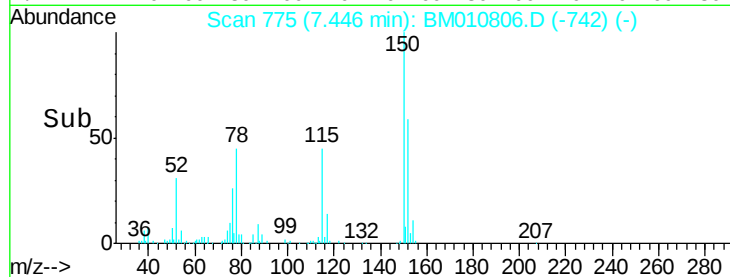
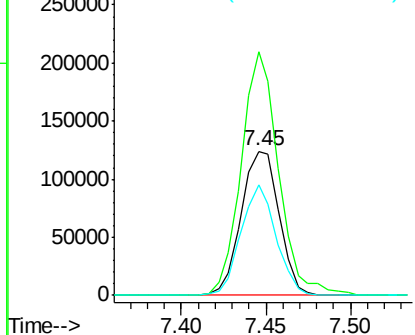
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL-01-QT3-2017

Tgt Ion:152 Resp: 194747
Ion Ratio Lower Upper
152 100
150 169.2 119.5 179.3
115 76.6 43.0 64.4#



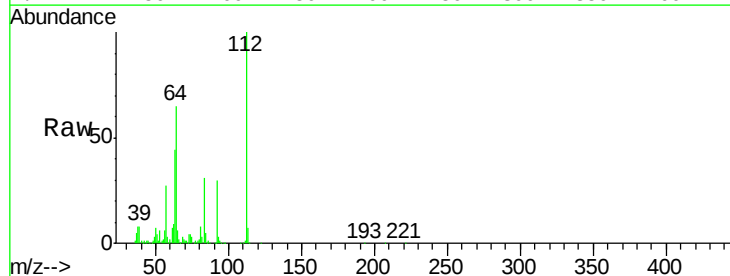
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



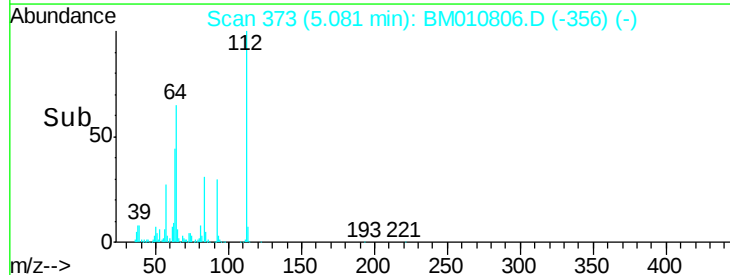
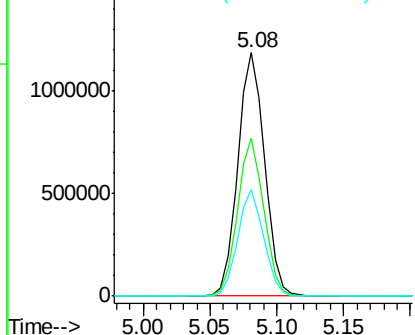
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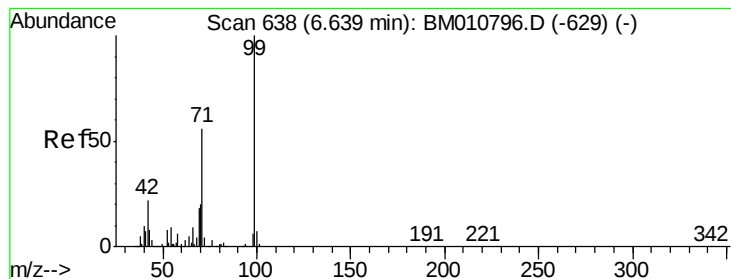
2-Fluorophenol
Concen: 140.288 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Tgt Ion:112 Resp: 1649316
Ion Ratio Lower Upper
112 100
64 64.8 38.6 57.8#
63 43.9 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: 141.572 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010806.D

Acq: 13 Jul 2017 11:17

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL-01-QT3-2017

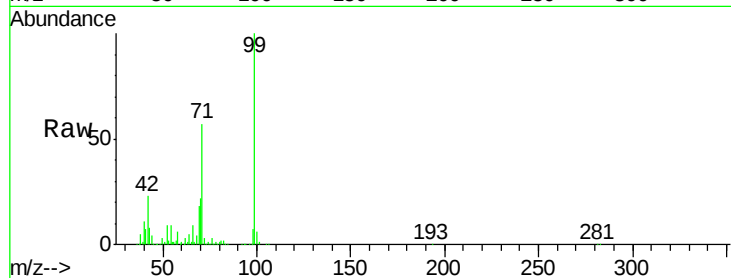
Tgt Ion: 99 Resp: 2294529

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

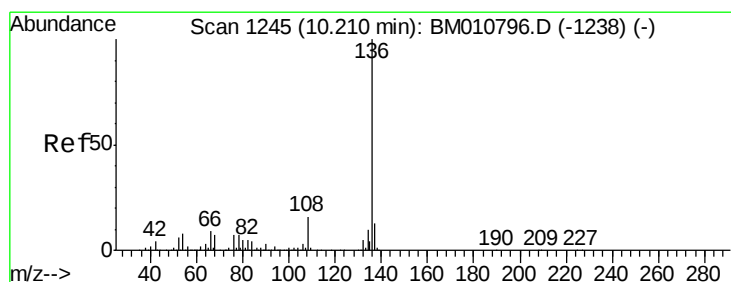
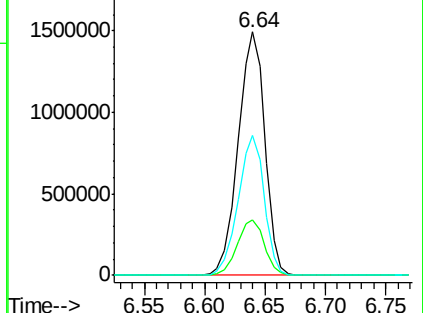
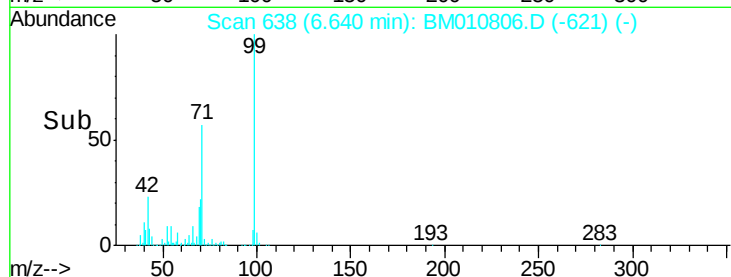
71 57.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010806.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010806.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010806.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.21 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM010806.D

Acq: 13 Jul 2017 11:17

Tgt Ion: 136 Resp: 814036

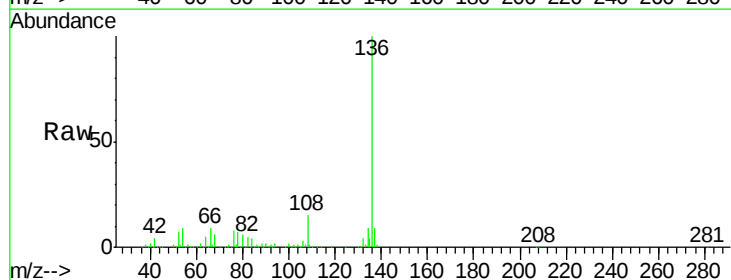
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 8.5 4.6 6.8#

68 6.0 3.7 5.5#

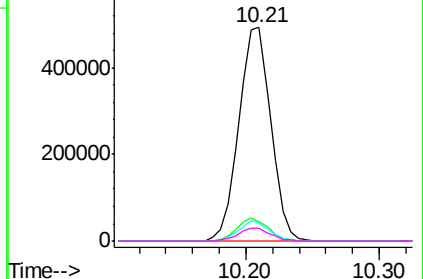
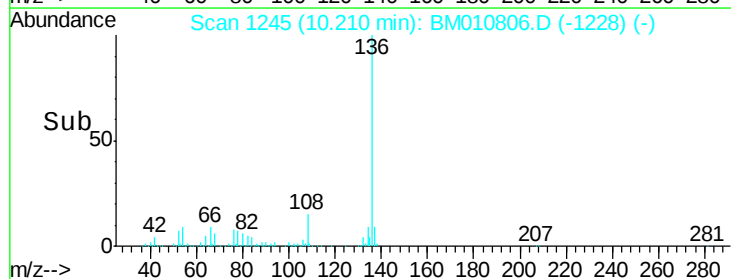


Abundance Ion 136.00 (135.70 to 136.70): BM010806.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010806.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010806.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010806.D (-1228) (-)

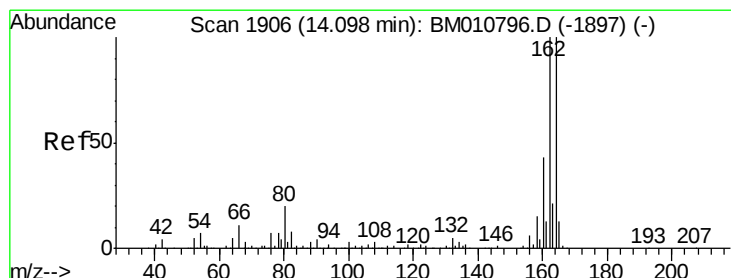
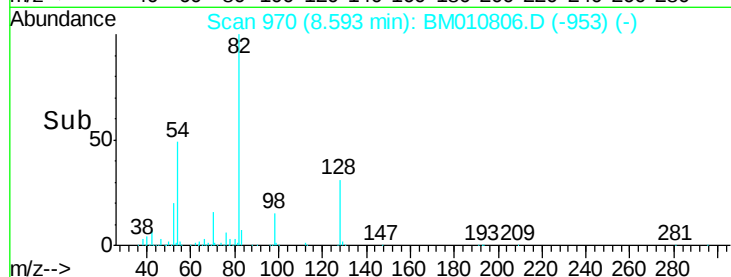
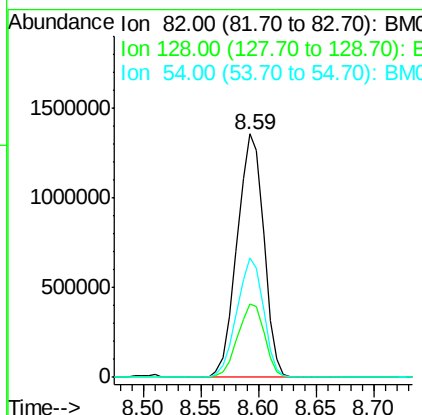
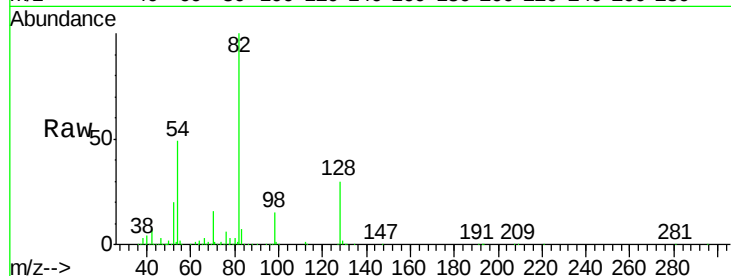




#23
 Nitrobenzene-d5
 Concen: 102.681 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

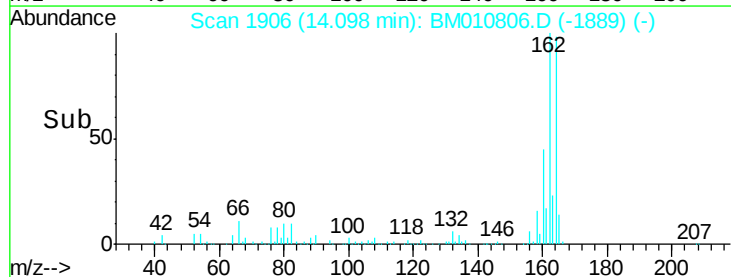
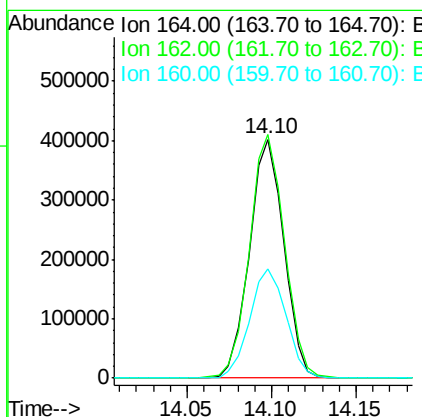
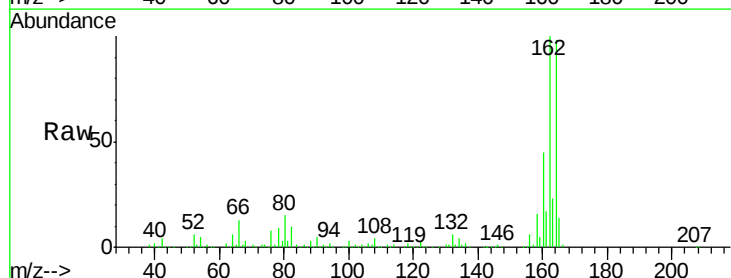
Instrument :
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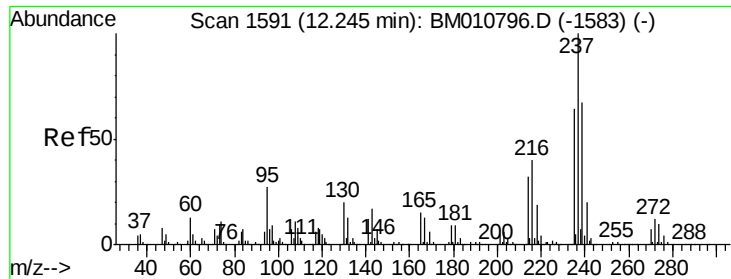
Tgt Ion: 82 Resp: 2174591
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 49.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

Tgt Ion: 164 Resp: 569806
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.4 123.6
 160 45.9 35.8 53.6

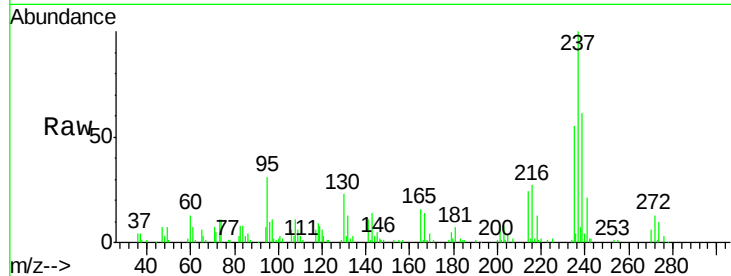




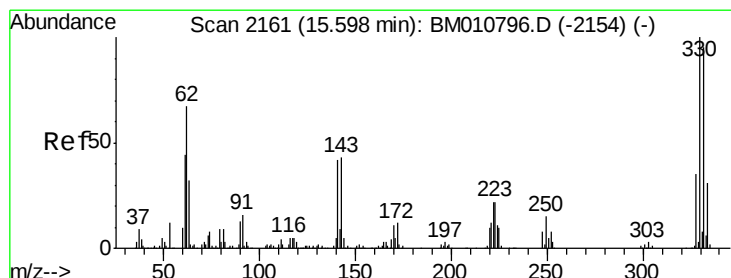
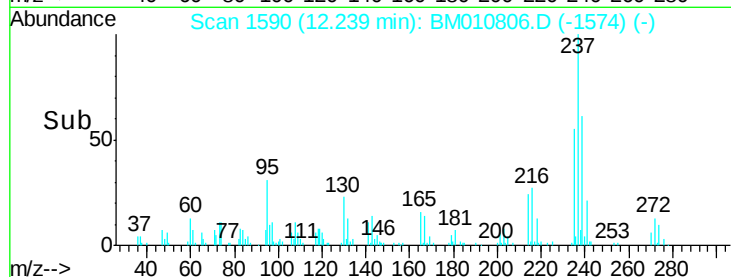
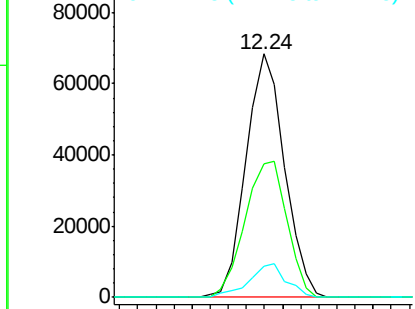
#40
Hexachlorocyclopentadiene
Concen: 7.098 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL-01-QT3-2017

Tgt Ion: 237 Resp: 101061
Ion Ratio Lower Upper
237 100
235 54.9 42.0 82.0
272 12.8 0.0 33.4

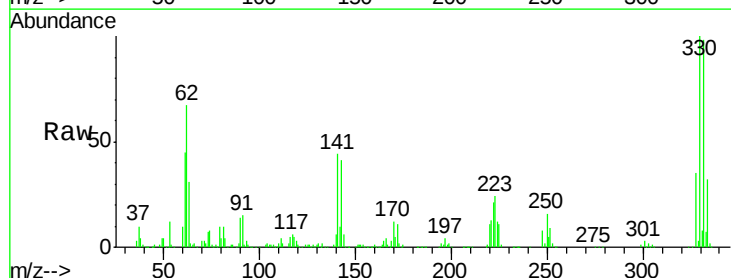


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

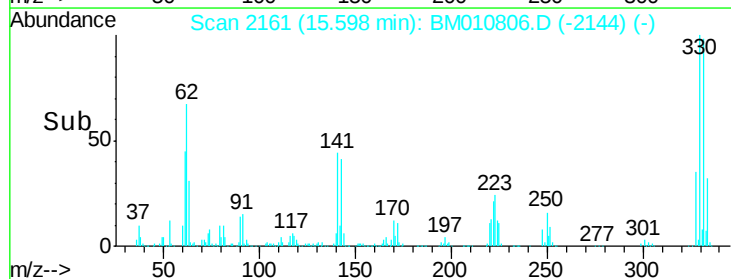
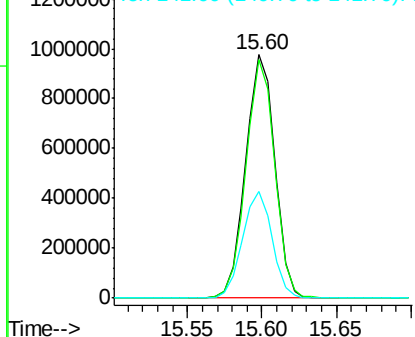


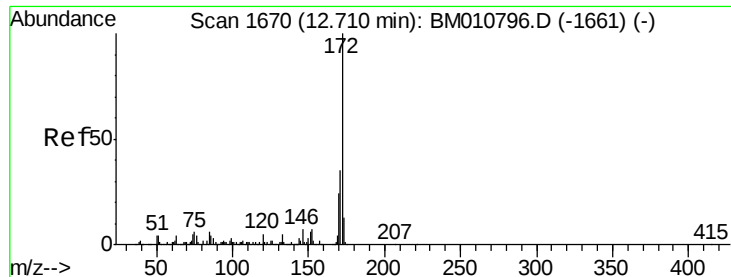
#41
2,4,6-Tribromophenol
Concen: 151.084 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Tgt Ion: 330 Resp: 1315598
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 44.3 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

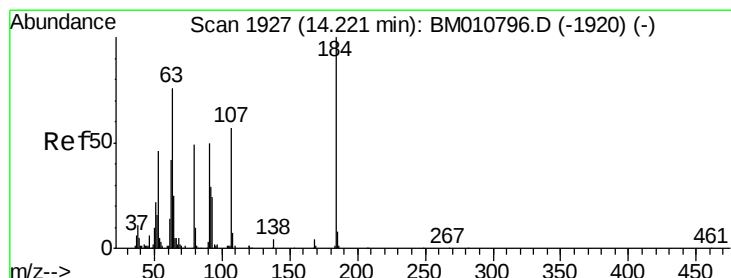
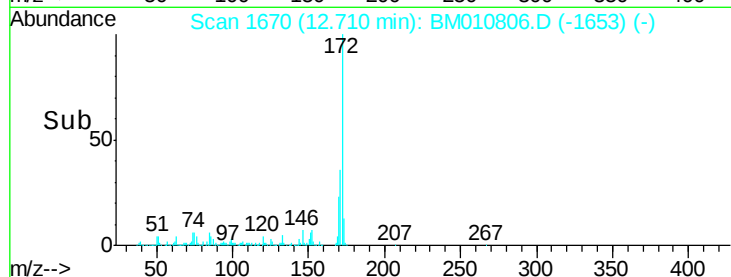
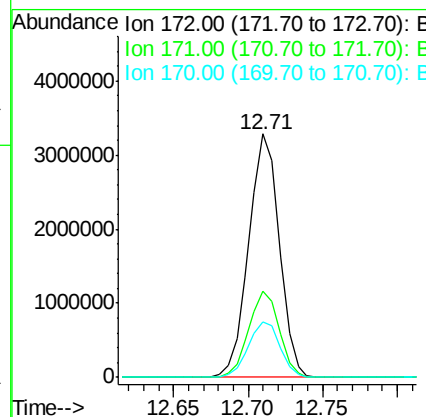
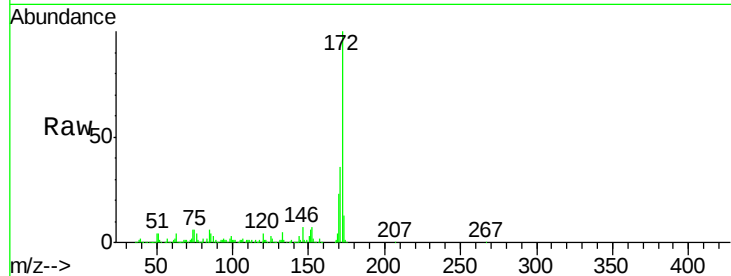




#44
 2-Fluorobiphenyl
 Concen: 101.384 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

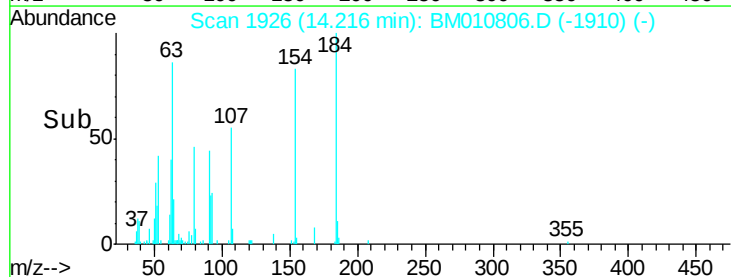
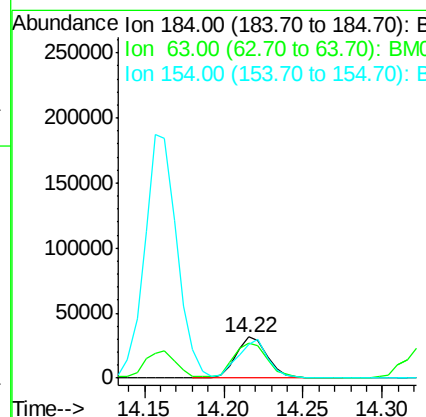
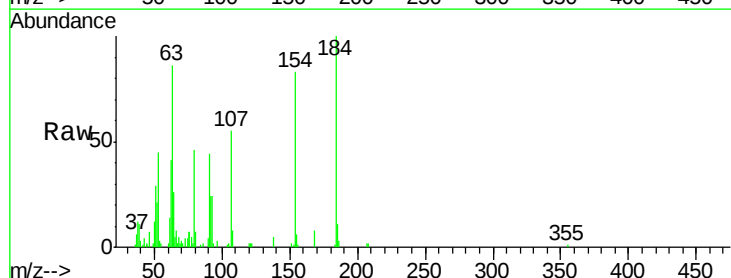
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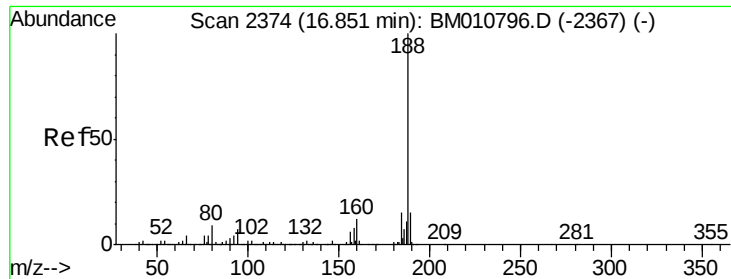
Tgt Ion:172 Resp: 4643716
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.0 18.8 28.2



#53
 2,4-Dinitrophenol
 Concen: 6.722 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

Tgt Ion:184 Resp: 44184
 Ion Ratio Lower Upper
 184 100
 63 86.0 69.2 103.8
 154 83.0 53.3 79.9#

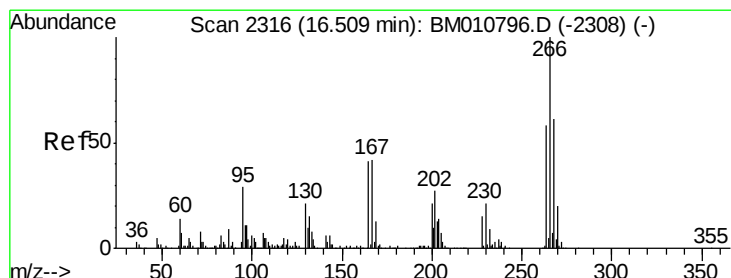
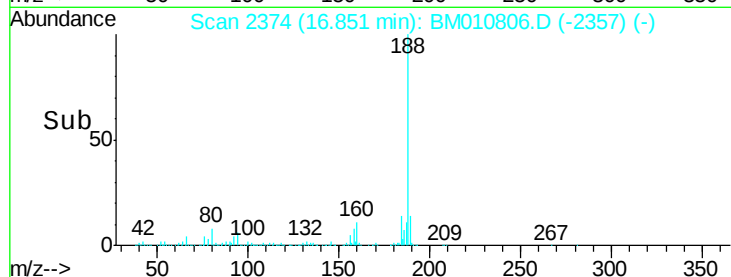
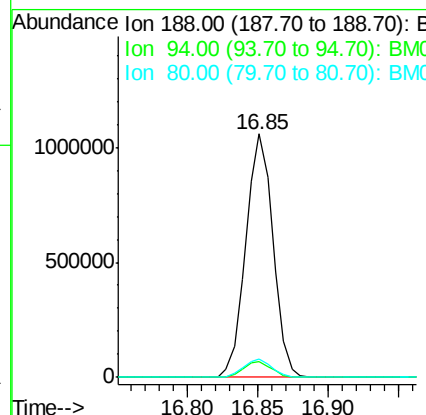
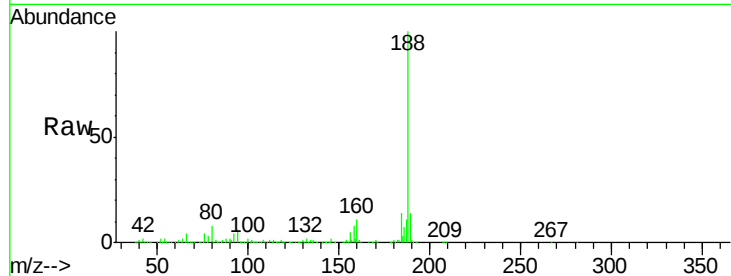




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.85 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

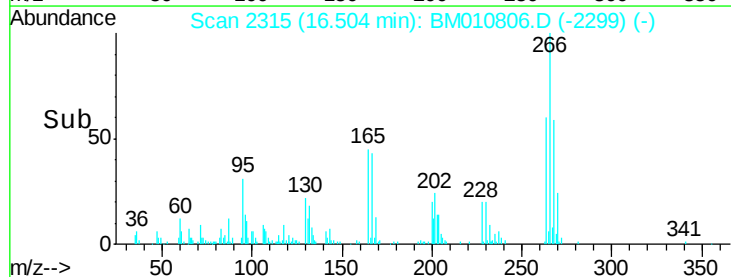
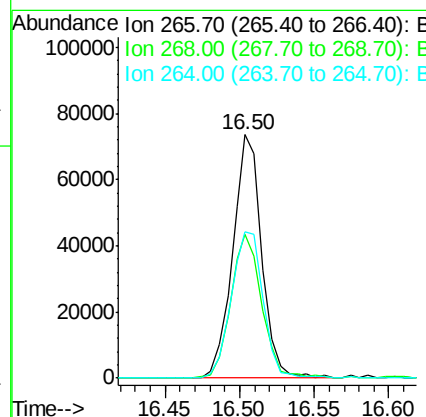
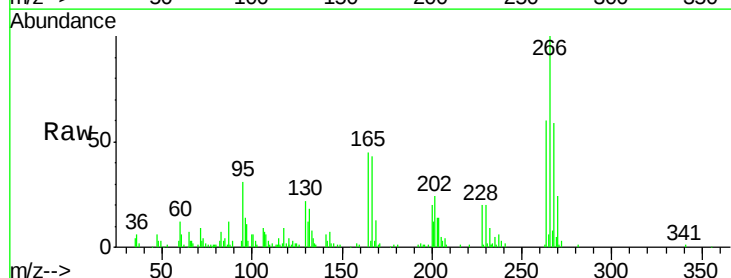
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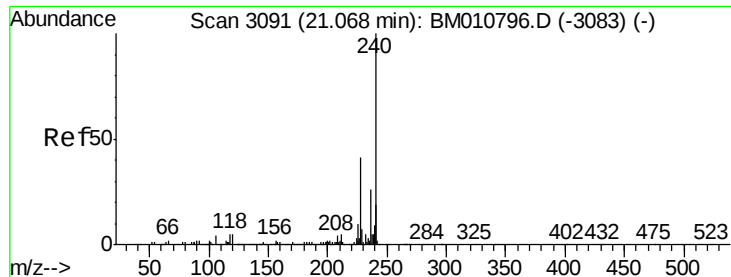
Tgt Ion:188 Resp: 1427612
 Ion Ratio Lower Upper
 188 100
 94 6.5 8.7 13.1#
 80 7.6 9.3 13.9#



#69
 Pentachlorophenol
 Concen: 7.535 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM010806.D
 Acq: 13 Jul 2017 11:17

Tgt Ion:266 Resp: 99927
 Ion Ratio Lower Upper
 266 100
 268 58.9 52.0 78.0
 264 60.3 49.0 73.4

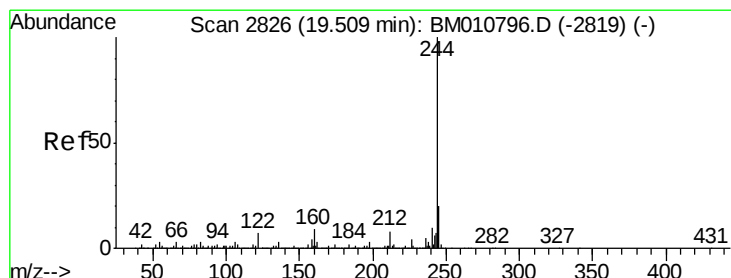
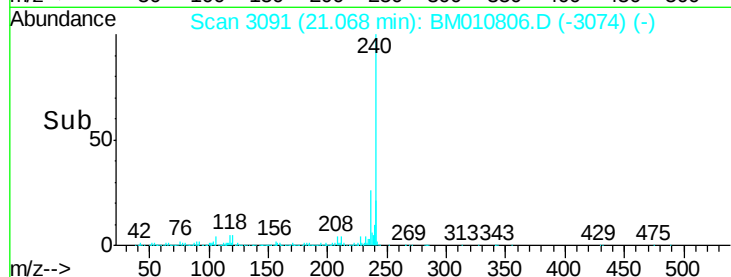
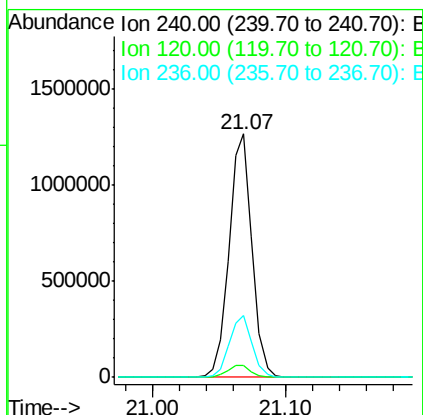
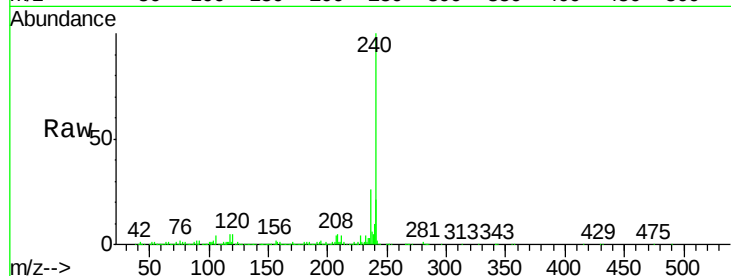




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

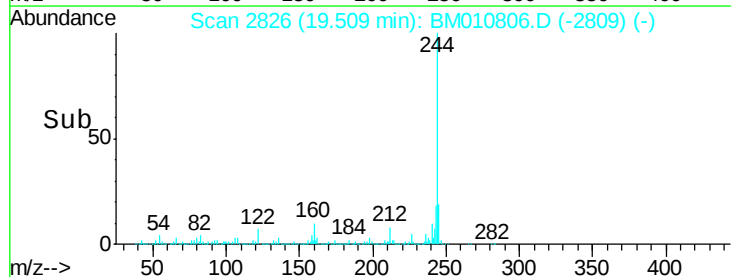
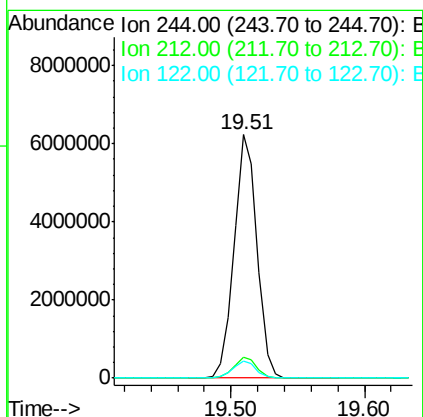
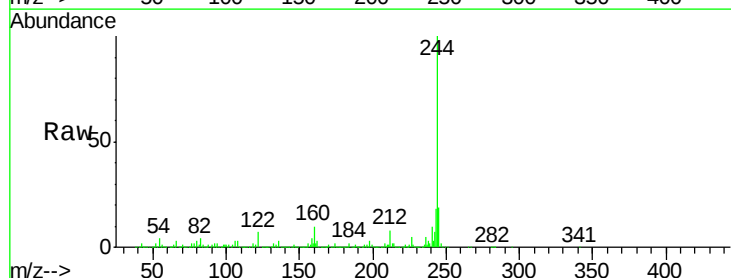
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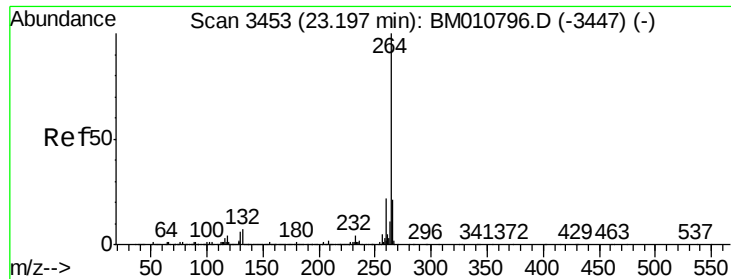
Tgt Ion:240 Resp: 1512495
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 95.159 ng
RT: 19.51 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Tgt Ion:244 Resp: 7441543
Ion Ratio Lower Upper
244 100
212 8.3 4.9 7.3#
122 7.2 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM010806.D
Acq: 13 Jul 2017 11:17

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL-01-QT3-2017

Tgt Ion:264 Resp: 1389517

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.0	17.3	25.9

