

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018373.D
 Acq On : 22 Dec 2018 00:54
 Operator : JU/SJ
 Sample : J6500-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Dec 22 03:52:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

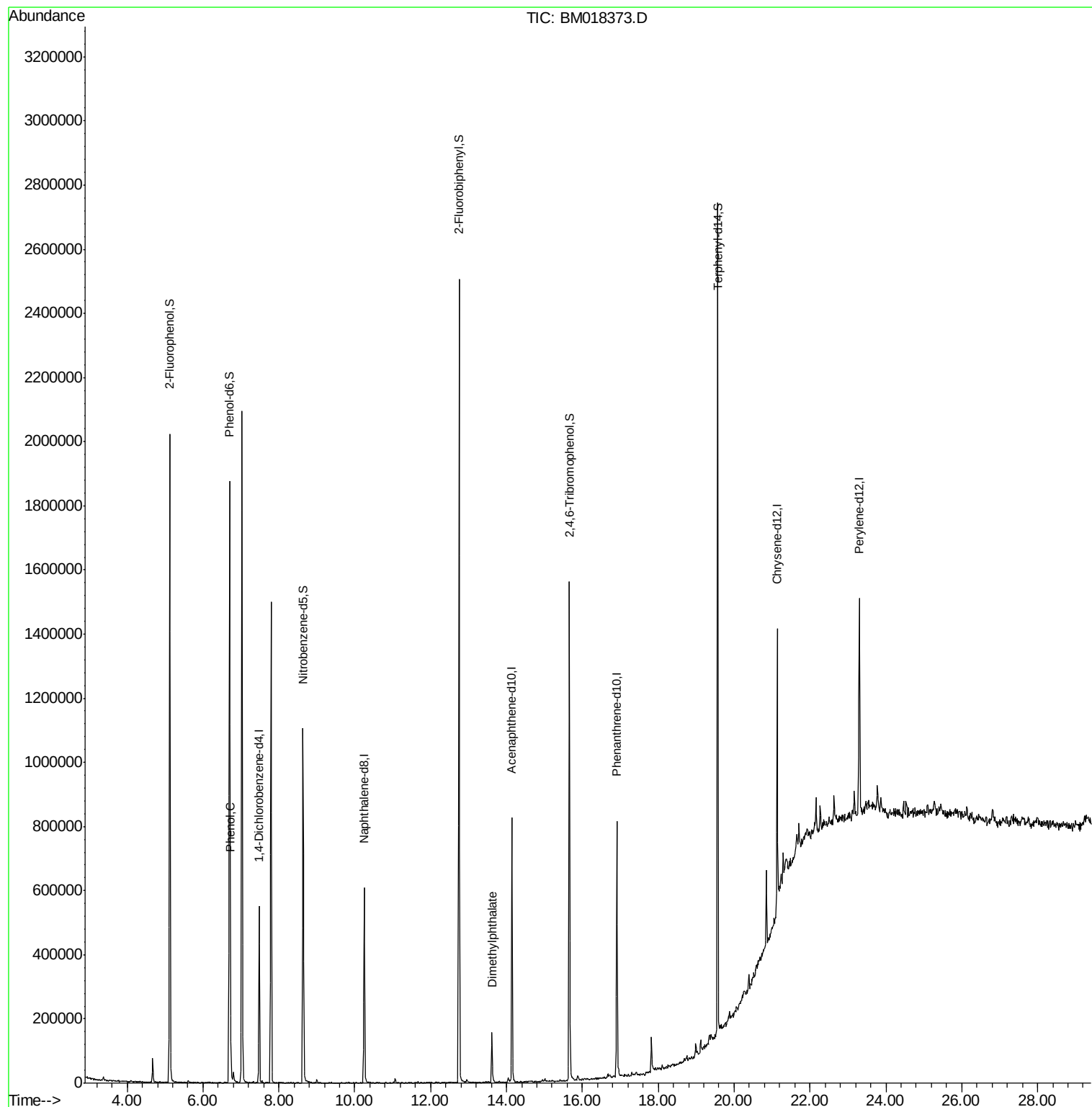
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	124189	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	472945	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	253357	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	442318	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	402467	20.00	ng	-0.01
87) Perylene-d12	23.30	264	457654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	751254	101.05	ng	0.00
7) Phenol-d6	6.70	99	984748	95.30	ng	0.00
23) Nitrobenzene-d5	8.64	82	651909	70.70	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	258930	69.63	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1203225	61.51	ng	-0.02
79) Terphenyl-d14	19.57	244	1081540	60.78	ng	0.00
Target Compounds						
10) Phenol	6.72	94	71421	6.526	ng	82
50) Dimethylphthalate	13.62	163	99121	4.706	ng	97

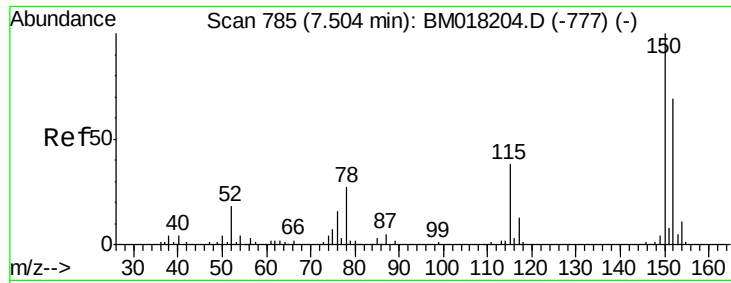
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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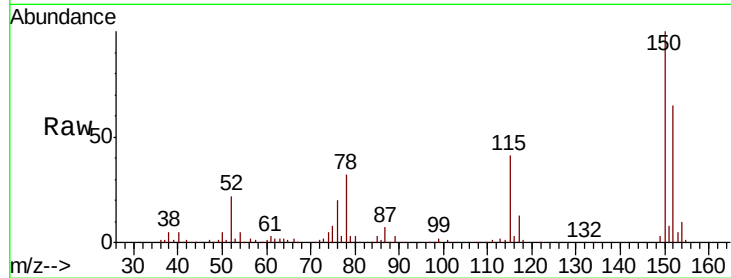


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	116.1	174.1
115	63.1	44.6	67.0

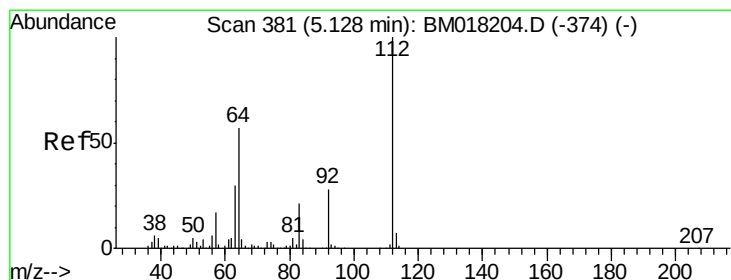
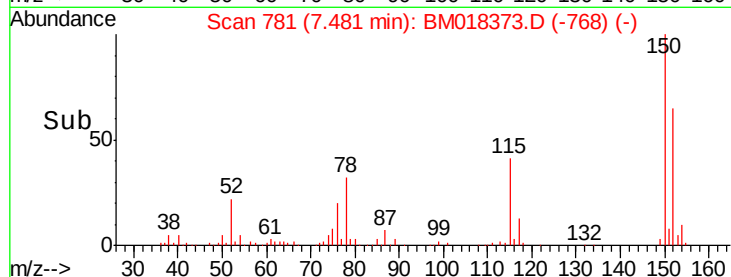
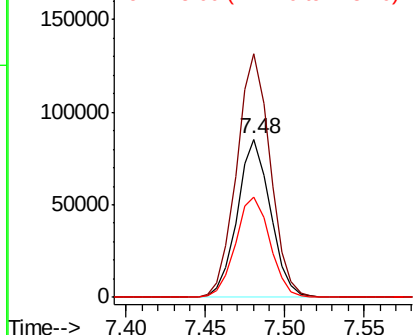


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

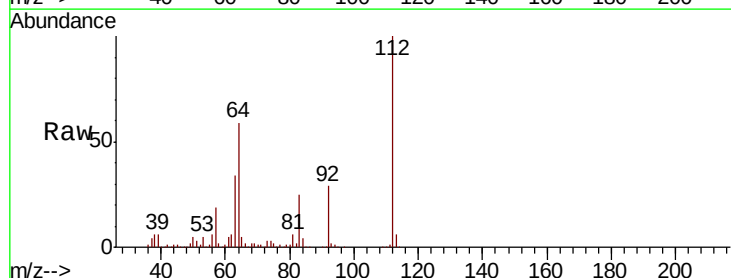
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.052 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.4	68.2
63	34.5	24.0	36.0

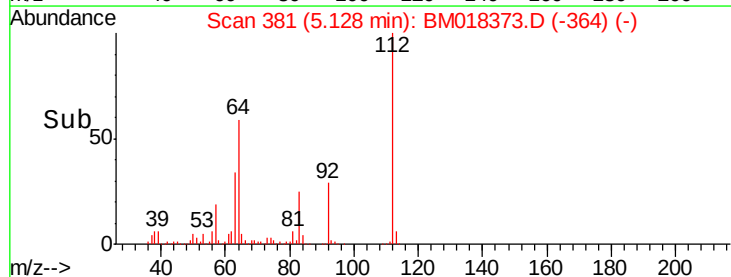
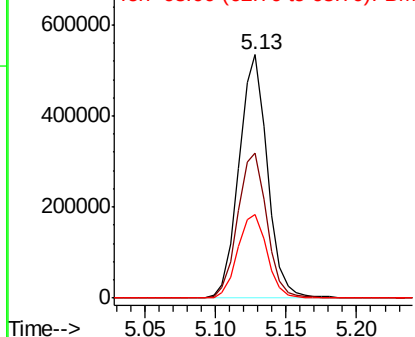


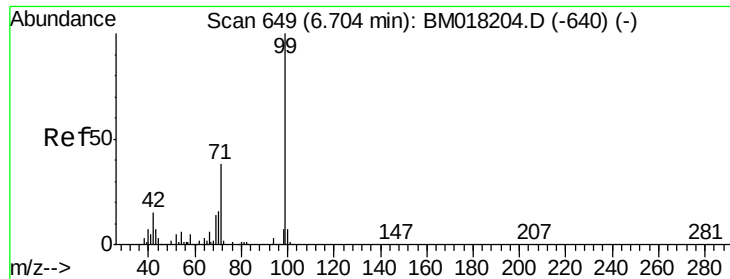
Abundance

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: 95.300 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018373.D

Acq: 22 Dec 2018 00:54

Instrument :

BNA_M

ClientSampled :

SOIL-CUTTINGS

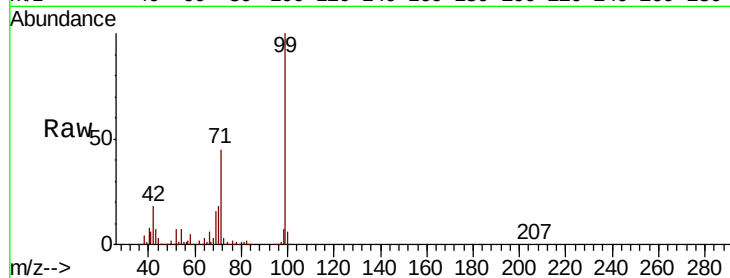
Tot Ion: 99 Resp: 984748

Ion Ratio Lower Upper

99 100

42 17.8 12.3 18.5

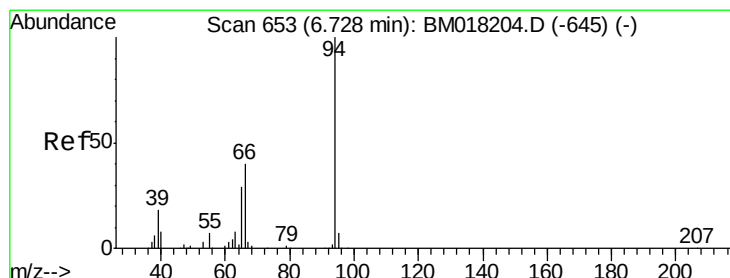
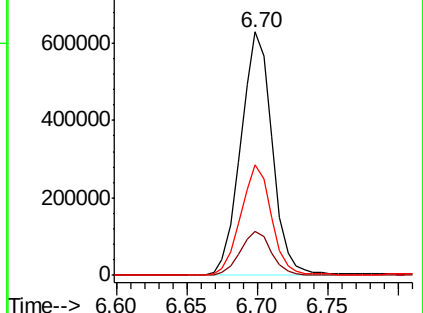
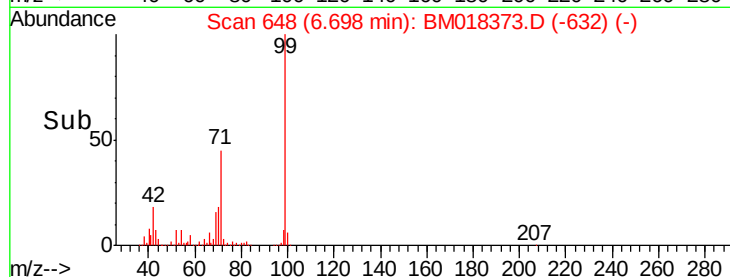
71 45.2 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018373.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018373.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018373.D (-632) (-)



#10

Phenol

Concen: 6.526 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018373.D

Acq: 22 Dec 2018 00:54

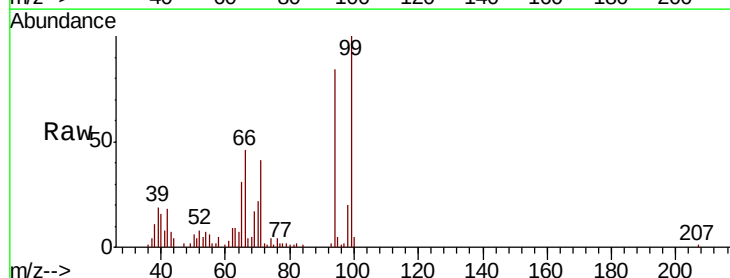
Tgt Ion: 94 Resp: 71421

Ion Ratio Lower Upper

94 100

65 36.6 9.5 49.5

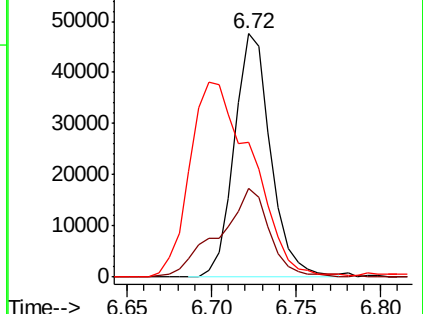
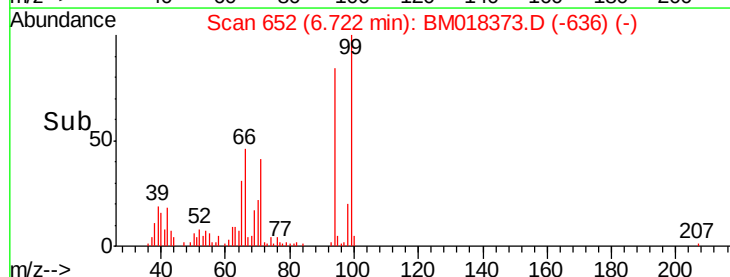
66 55.2 21.3 61.3

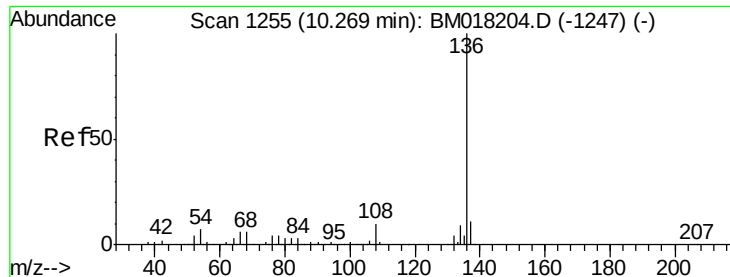


Abundance Ion 94.00 (93.70 to 94.70): BM018373.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018373.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018373.D (-636) (-)

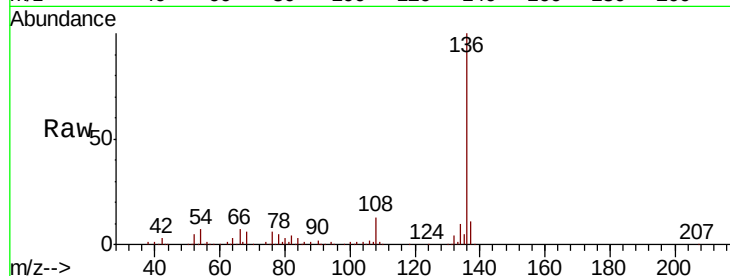




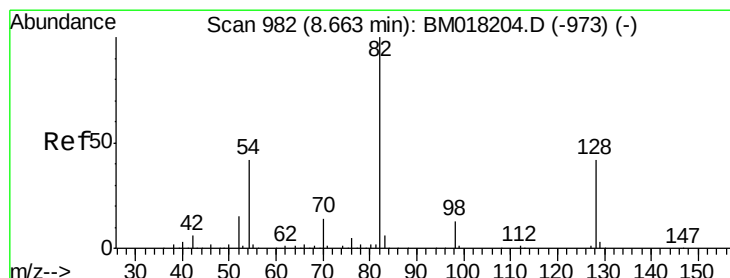
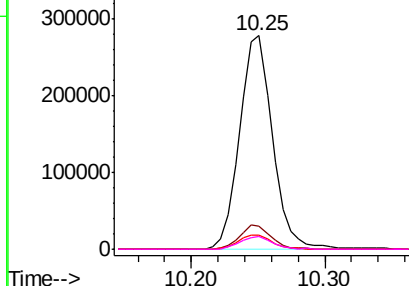
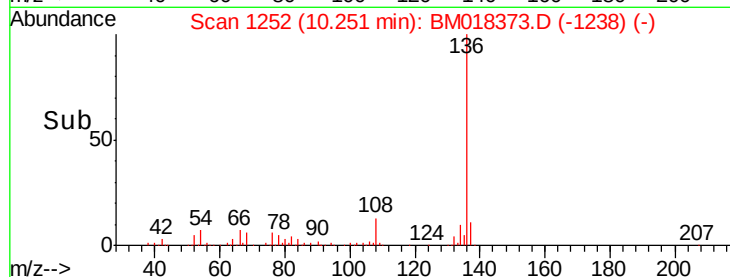
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:136	Resp:	472945	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.2	13.8	
54 6.7	5.2	7.8	
68 6.0	5.0	7.6	

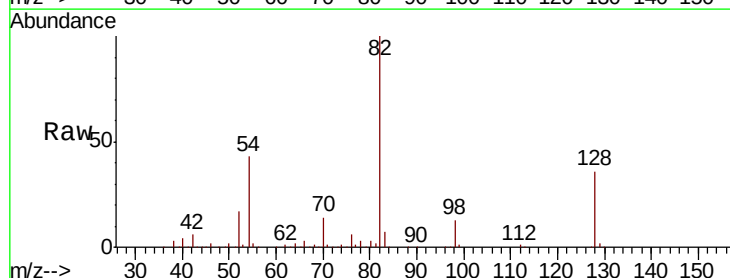


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

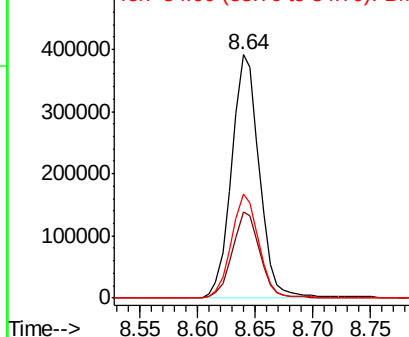
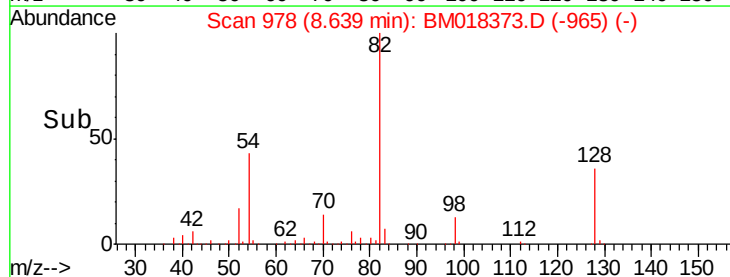


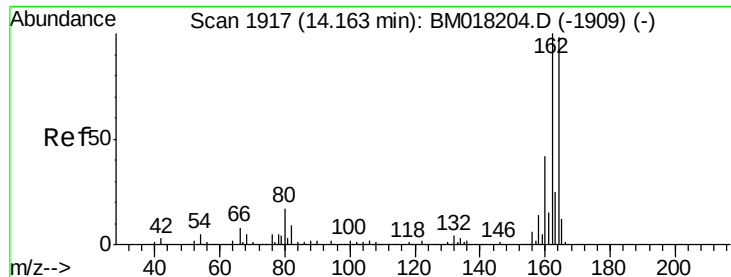
#23
Nitrobenzene-d5
Concen: 70.703 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Tgt	Ion: 82	Resp:	651909
Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.4	50.2
54	42.9	33.4	50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

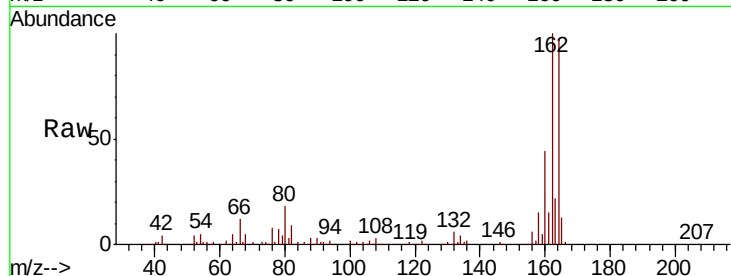




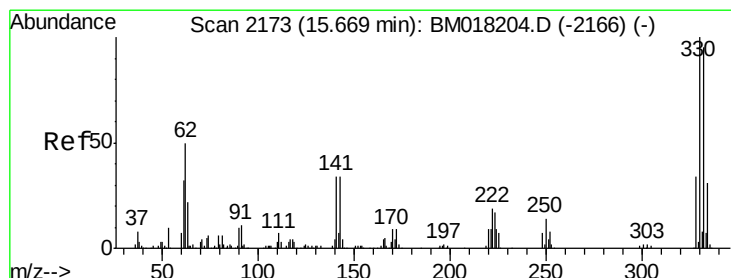
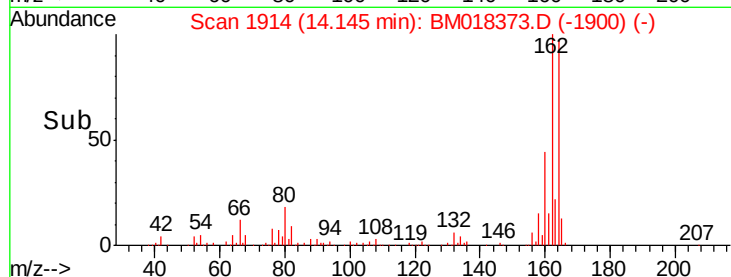
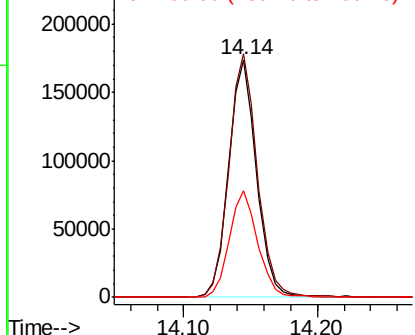
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	45.1	34.6	51.8

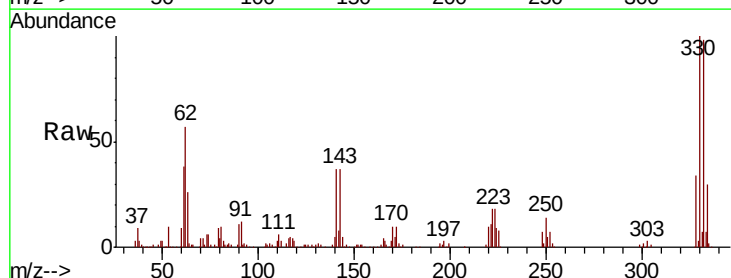


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

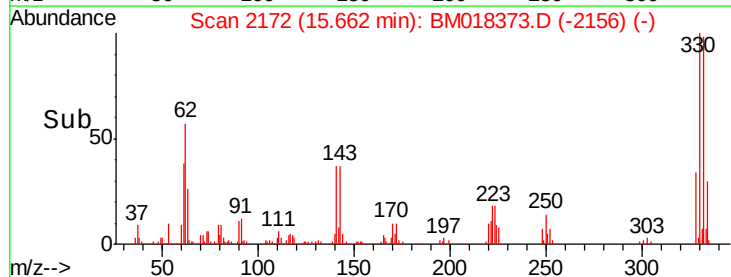
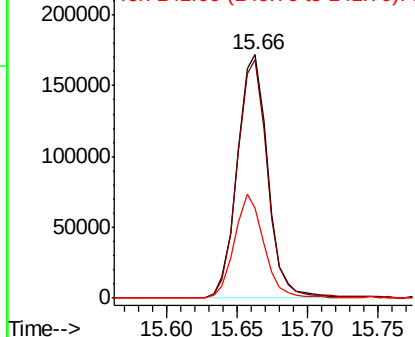


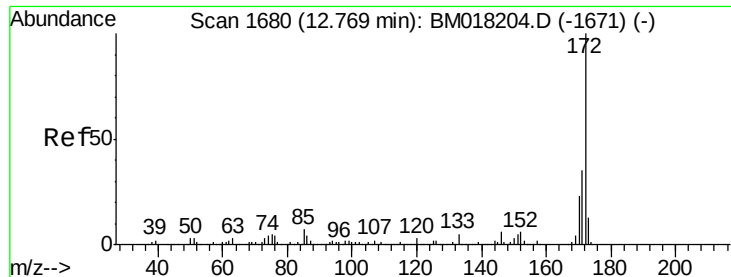
#42
2,4,6-Tribromophenol
Concen: 69.631 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	118.0
141	41.6	27.1	40.7



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

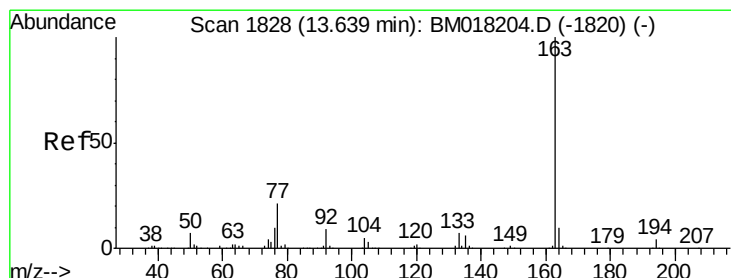
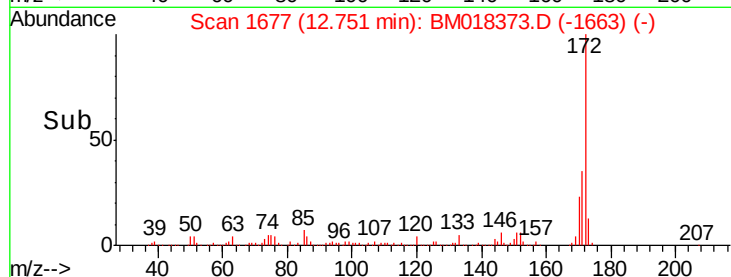
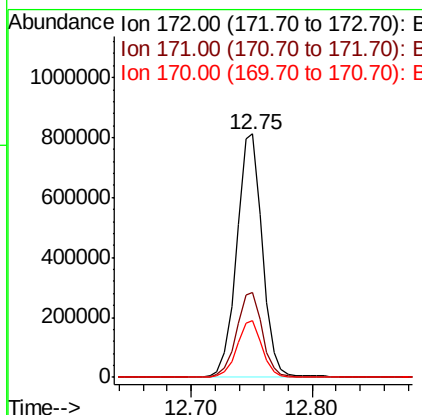
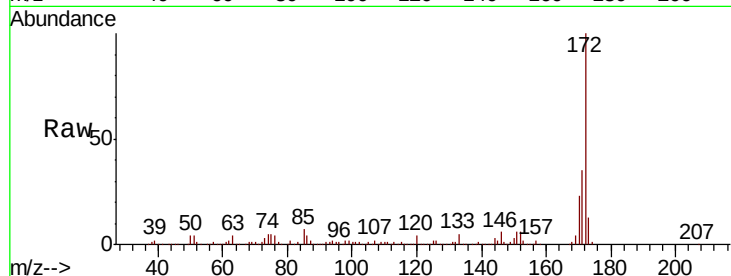




#45
 2-Fluorobiphenyl
 Concen: 61.512 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018373.D
 Acq: 22 Dec 2018 00:54

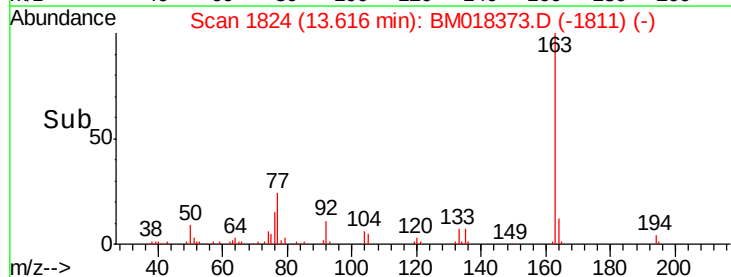
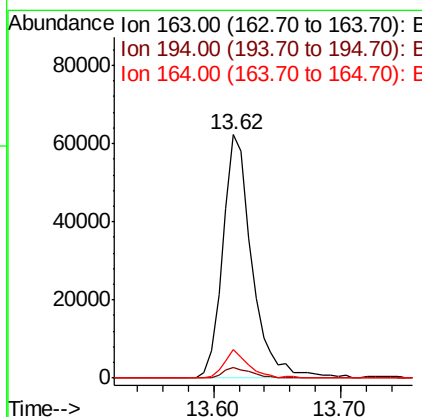
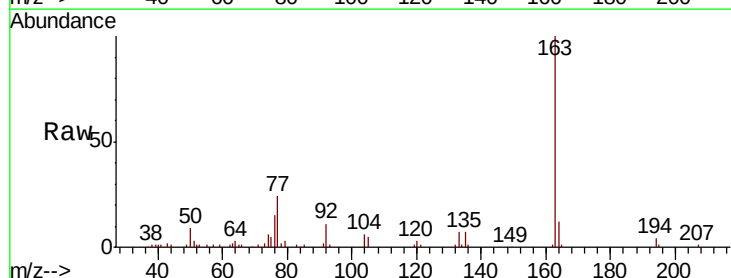
Instrument :
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 SOIL-CUTTINGS

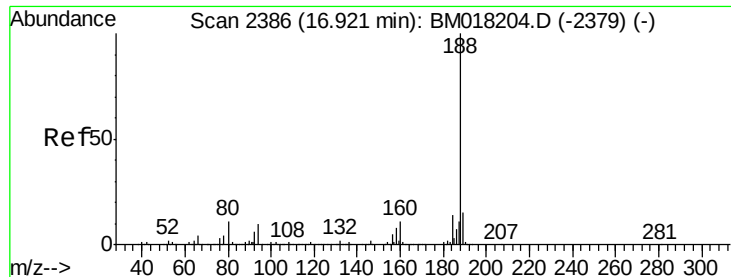
Tot Ion:172 Resp: 1203225
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 23.4 18.1 27.1



#50
 Dimethylphthalate
 Concen: 4.706 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018373.D
 Acq: 22 Dec 2018 00:54

Tgt Ion:163 Resp: 99121
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.1 4.7
 164 11.5 7.9 11.9

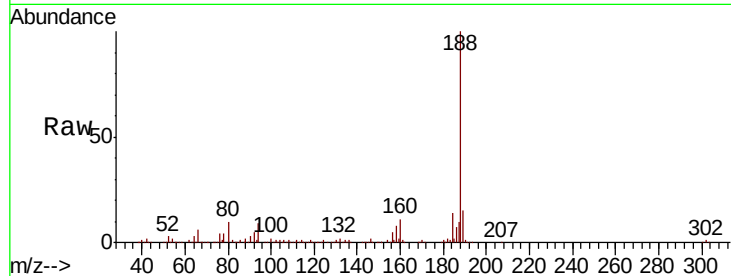




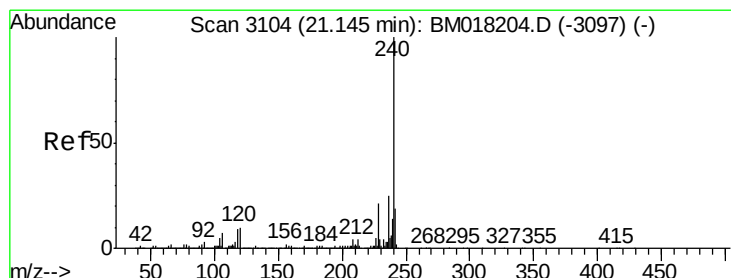
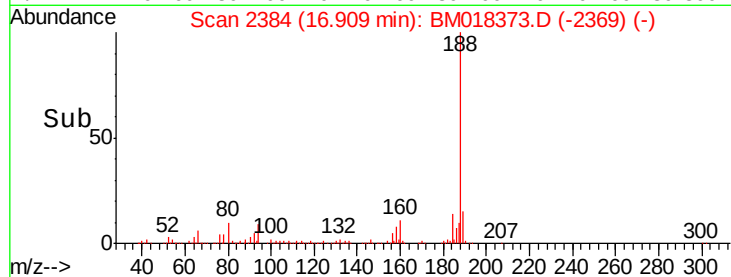
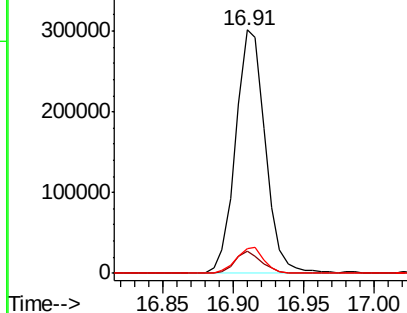
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:188 Resp: 442318
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.0 9.0 13.6

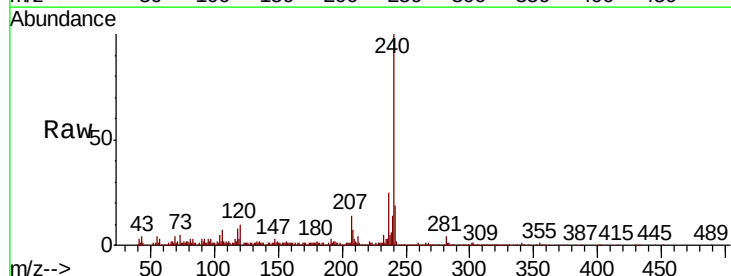


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

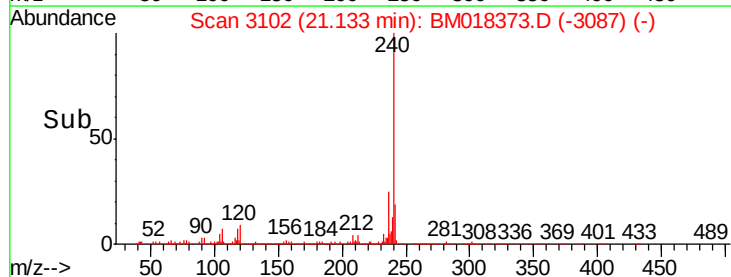
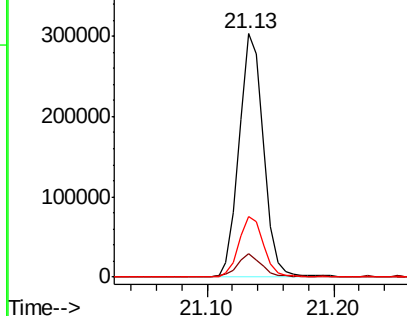


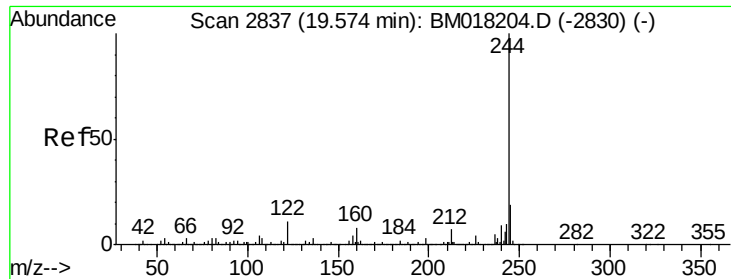
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018373.D
Acq: 22 Dec 2018 00:54

Tgt Ion:240 Resp: 402467
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.1 20.3 30.5



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

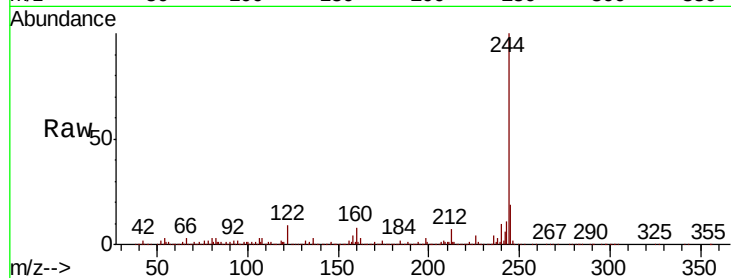




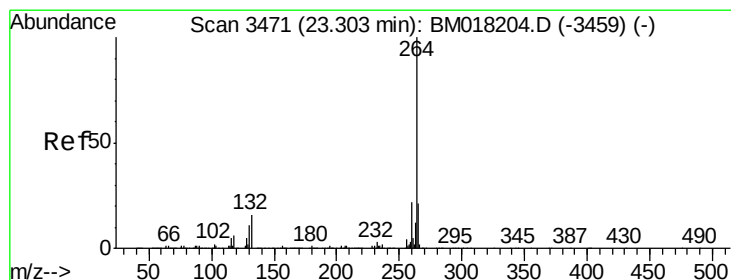
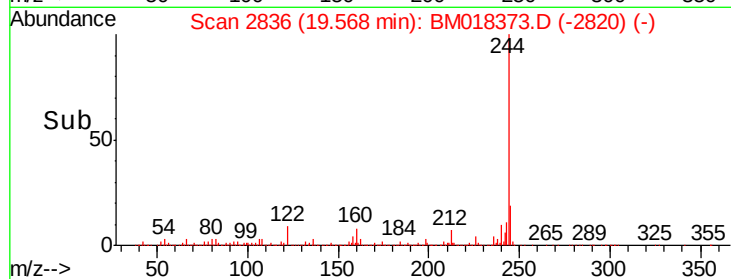
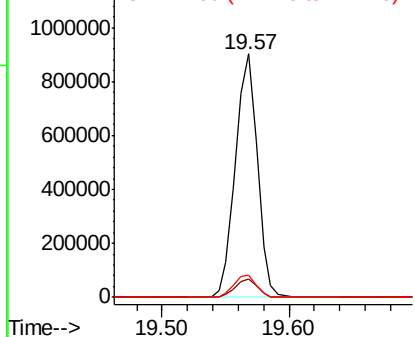
#79
 Terphenyl-d14
 Concen: 60.777 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018373.D
 Acq: 22 Dec 2018 00:54

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-CUTTINGS

Tot Ion:244 Resp: 1081540
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.0 9.0 13.6#

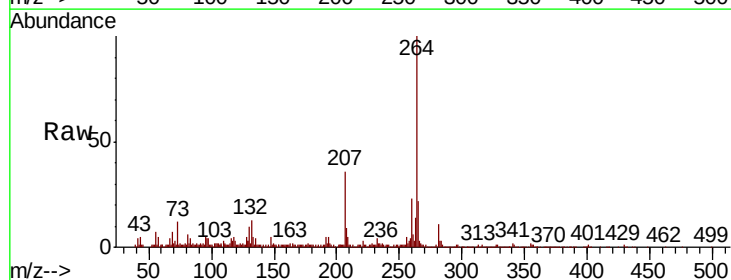


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.30 min Scan# 3471
 Delta R.T. -0.00 min
 Lab File: BM018373.D
 Acq: 22 Dec 2018 00:54

Tgt Ion:264 Resp: 457654
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.5 26.3
 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

