

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018384.D
 Acq On : 22 Dec 2018 15:34
 Operator : JU/SJ
 Sample : J6493-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-DRUM

Quant Time: Dec 24 06:13:52 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	7.47	152	90557	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	347111	20.00	ng	-0.03
39) Acenaphthene-d10	14.14	164	192840	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	387453	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	344619	20.00	ng	-0.01
87) Perylene-d12	23.29	264	388498	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	865289	159.62	ng	0.00
7) Phenol-d6	6.69	99	995398	132.11	ng	-0.01
23) Nitrobenzene-d5	8.63	82	868814	128.39	ng	-0.03
42) 2,4,6-Tribromophenol	15.65	330	401739	141.94	ng	-0.02
45) 2-Fluorobiphenyl	12.74	172	1669275	112.12	ng	-0.03
79) Terphenyl-d14	19.56	244	2087137	136.97	ng	-0.01

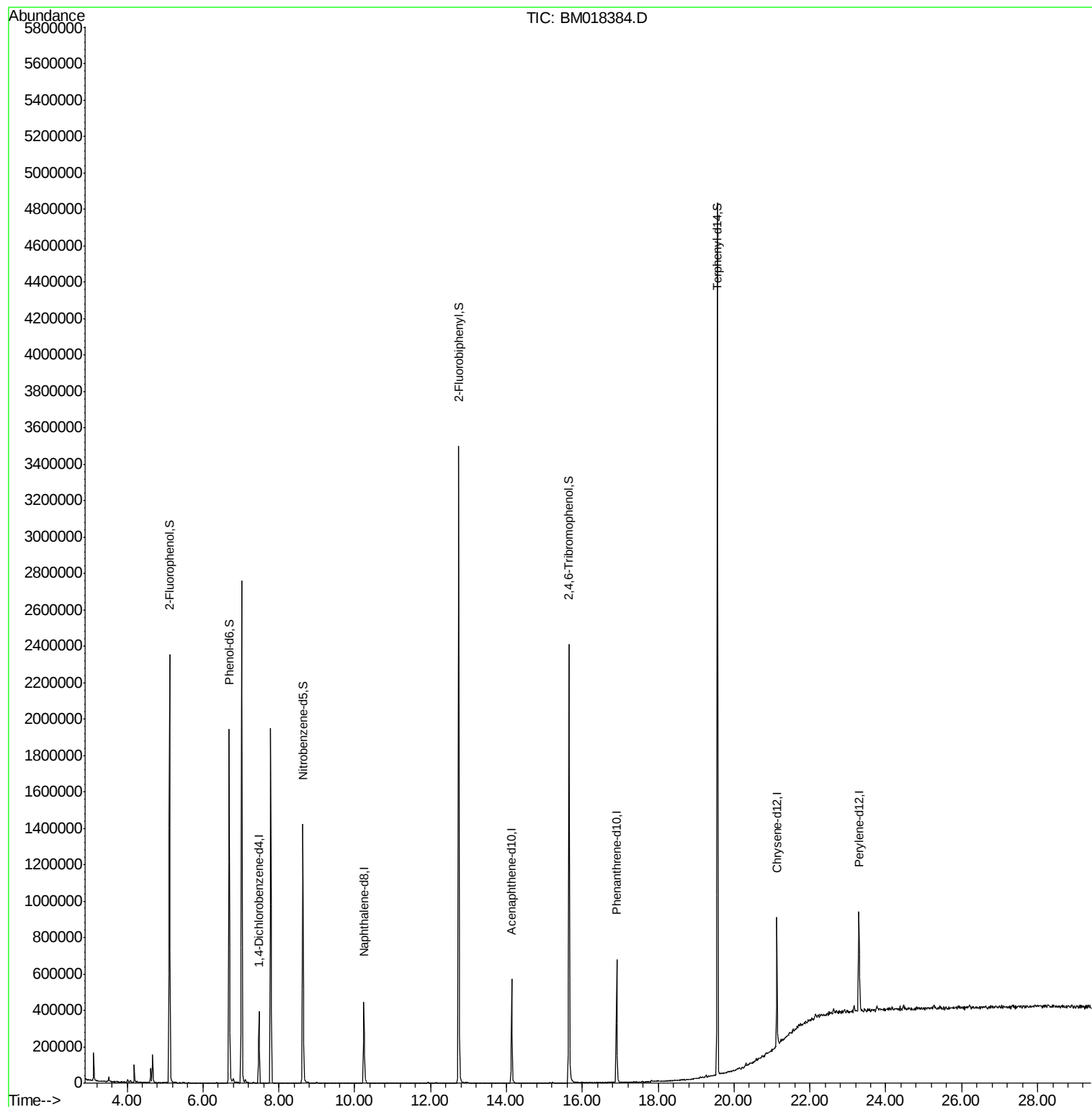
Target Compounds Qvalue

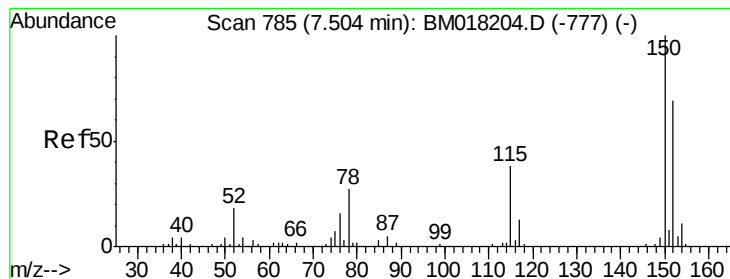
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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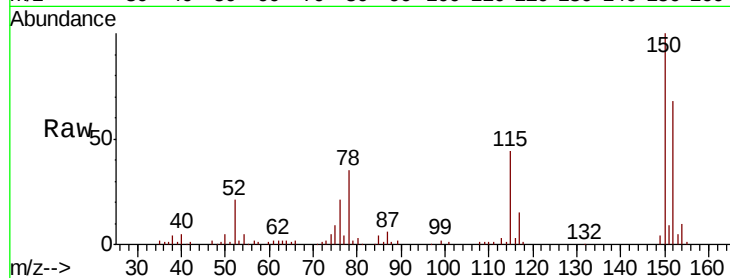




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BM018384.D
 Acq: 22 Dec 2018 15:34

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	116.1	174.1
115	64.7	44.6	67.0

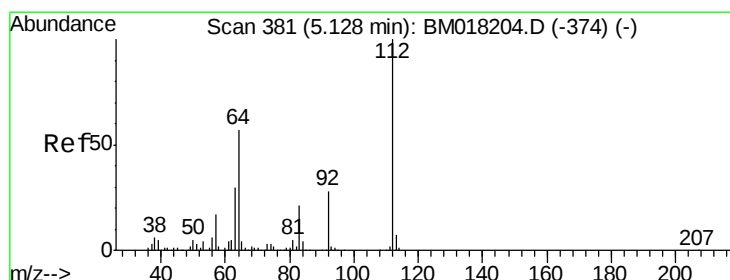
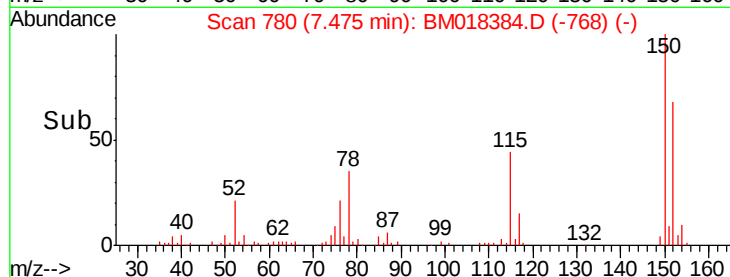
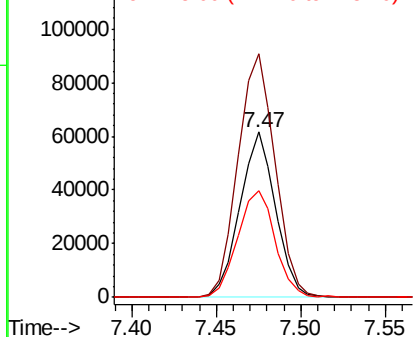


Abundance

Ion 152.00 (151.70 to 152.70): E

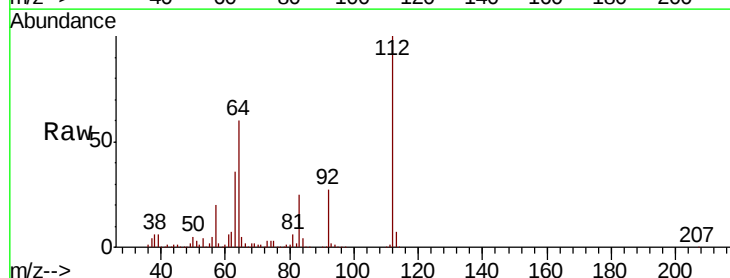
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 159.618 ng
 RT: 5.12 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BM018384.D
 Acq: 22 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	45.4	68.2
63	35.7	24.0	36.0

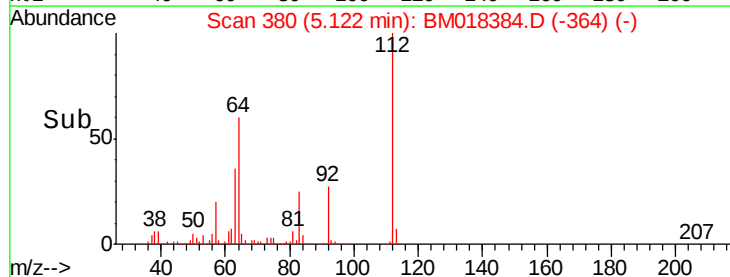
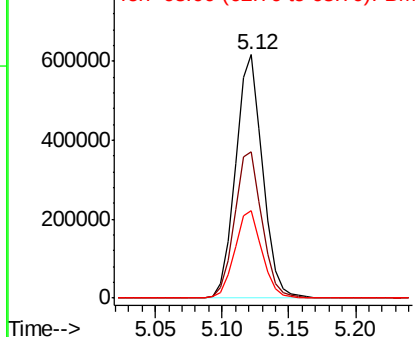


Abundance

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: 132.107 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018384.D

Acq: 22 Dec 2018 15:34

Instrument :

BNA_M

ClientSampleId :

SOIL-DRUM

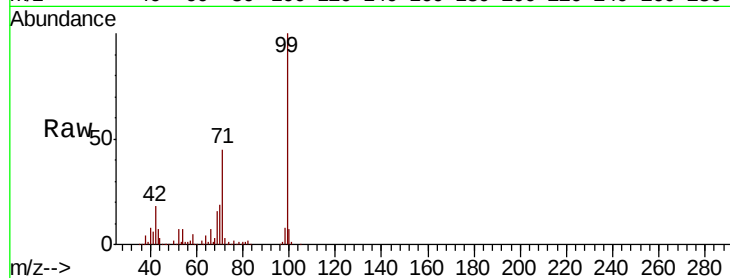
Tot Ion: 99 Resp: 995398

Ion Ratio Lower Upper

99 100

42 17.7 12.3 18.5

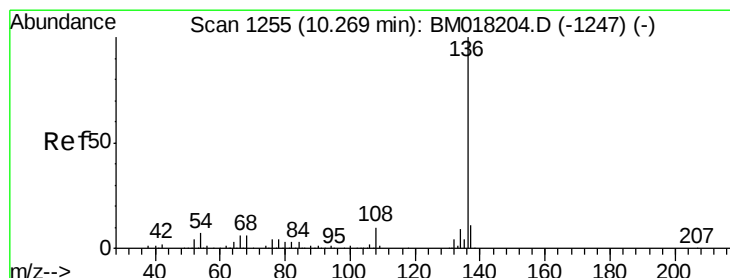
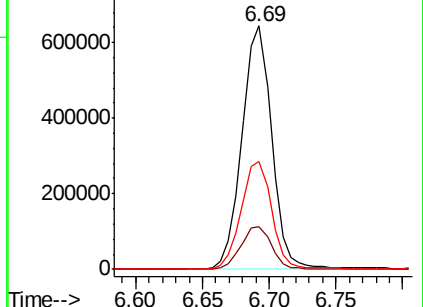
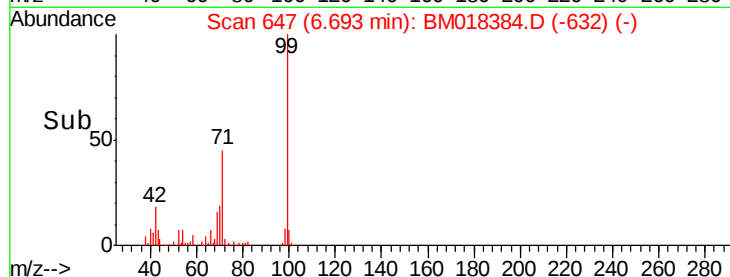
71 44.5 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018384.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018384.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018384.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM018384.D

Acq: 22 Dec 2018 15:34

Tgt Ion: 136 Resp: 347111

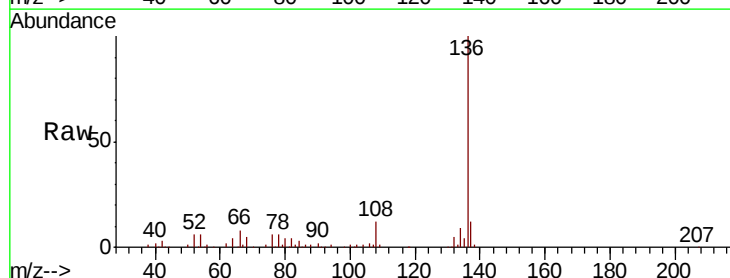
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.1 5.2 7.8

68 5.5 5.0 7.6

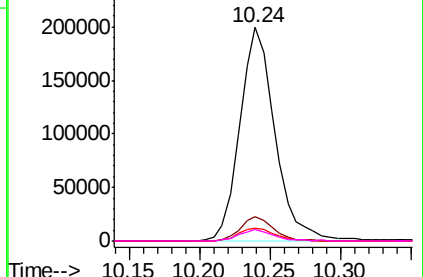
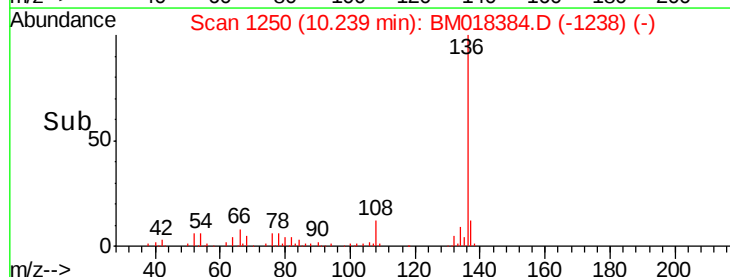


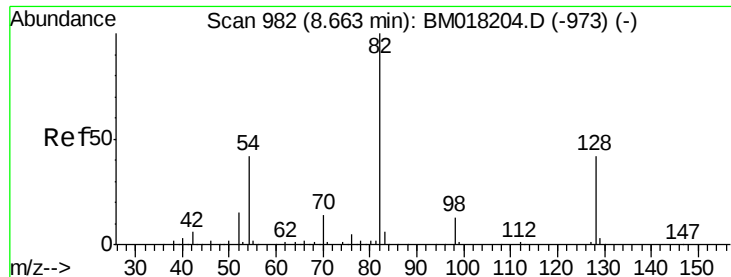
Abundance Ion 136.00 (135.70 to 136.70): BM018384.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018384.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018384.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018384.D (-1238) (-)

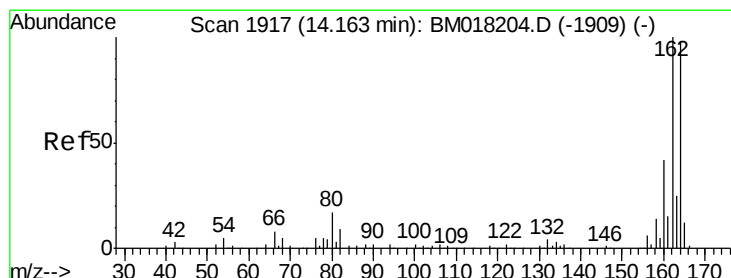
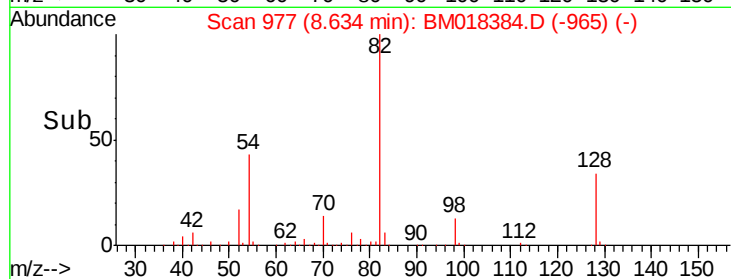
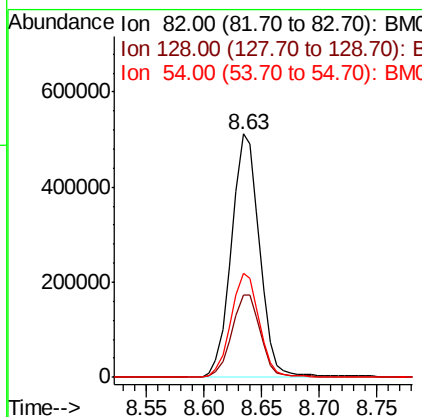
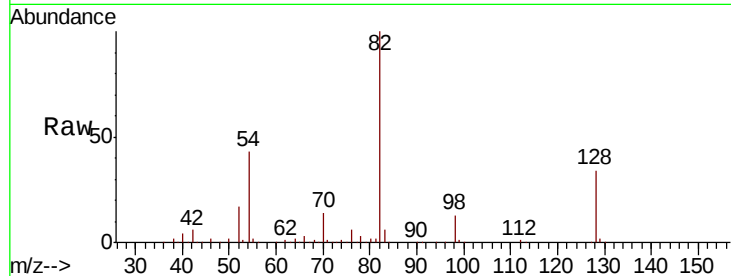




#23
Nitrobenzene-d5
Concen: 128.387 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.03 min
Lab File: BM018384.D
Acq: 22 Dec 2018 15:34

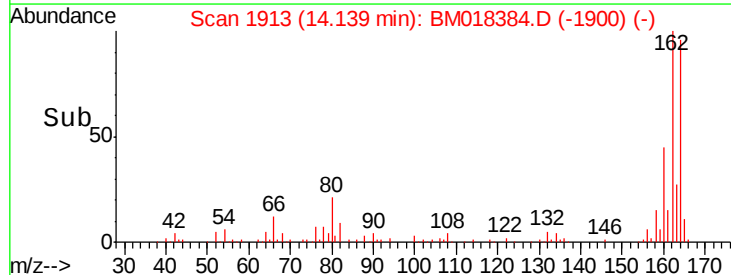
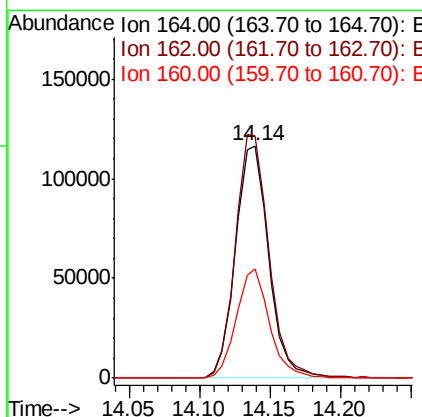
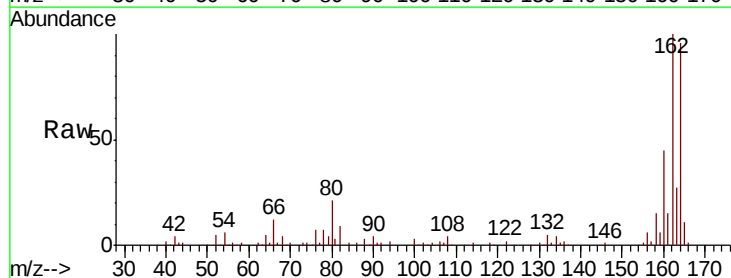
Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

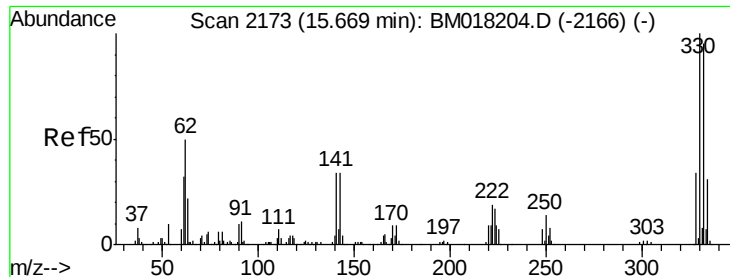
Tot Ion	82	Resp	868814
Ion Ratio	Lower	Upper	
82	100		
128	33.9	33.4	50.2
54	42.5	33.4	50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018384.D
Acq: 22 Dec 2018 15:34

Tgt Ion	164	Resp	192840
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.8	122.6
160	47.0	34.6	51.8

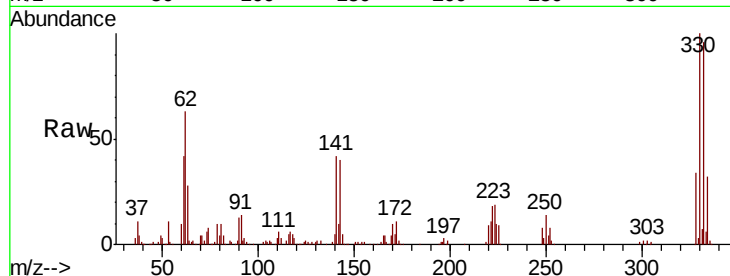




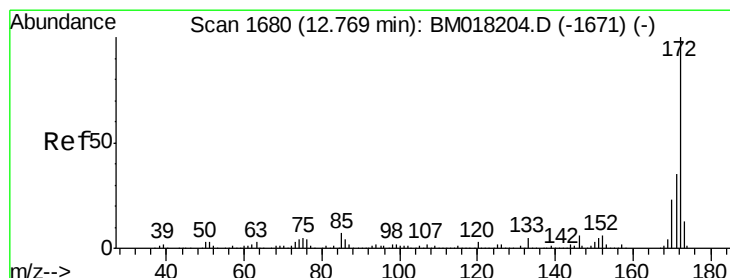
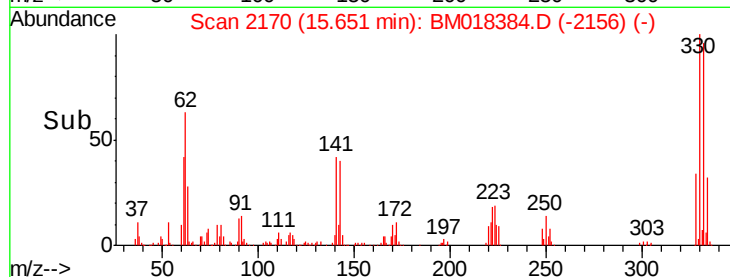
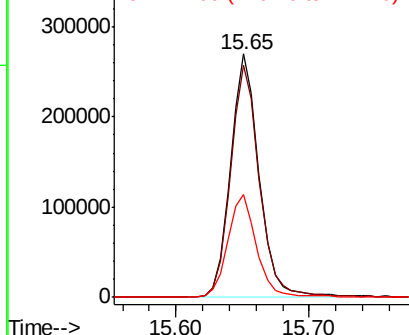
#42
 2,4,6-Tribromophenol
 Concen: 141.939 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018384.D
 Acq: 22 Dec 2018 15:34

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-DRUM

Tot Ion:330 Resp: 401739
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 118.0
 141 42.7 27.1 40.7#

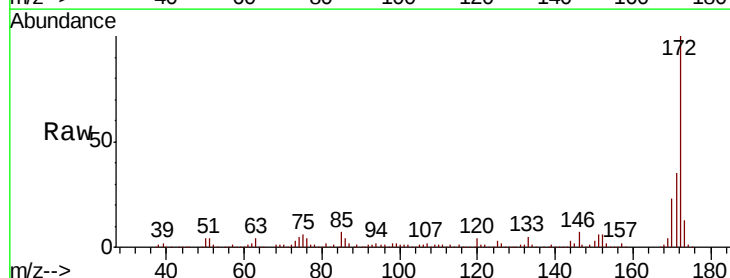


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

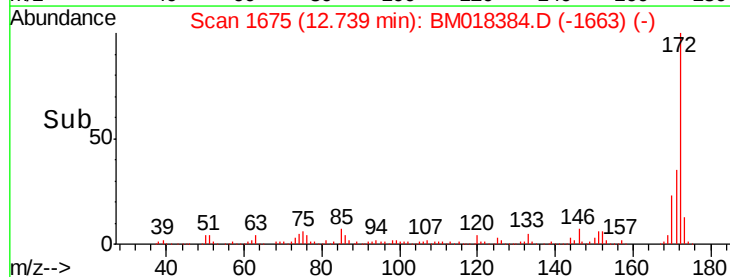
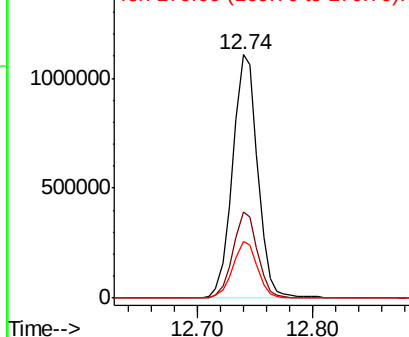


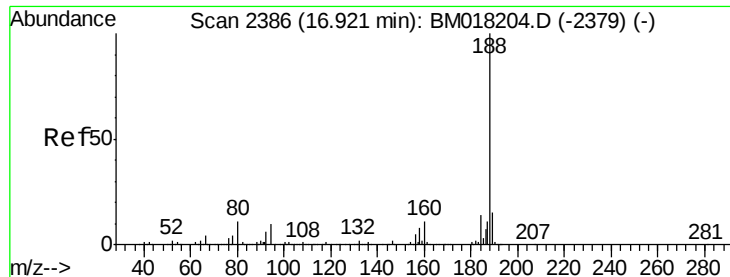
#45
 2-Fluorobiphenyl
 Concen: 112.119 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BM018384.D
 Acq: 22 Dec 2018 15:34

Tgt Ion:172 Resp: 1669275
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.3 18.1 27.1



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

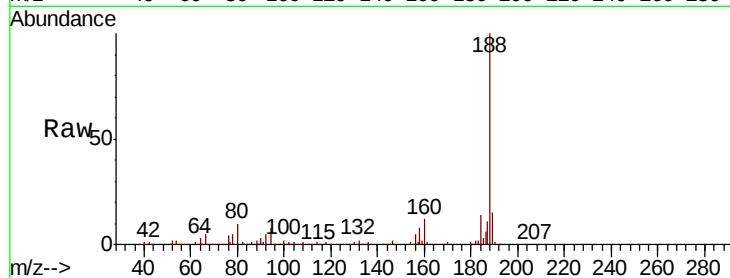




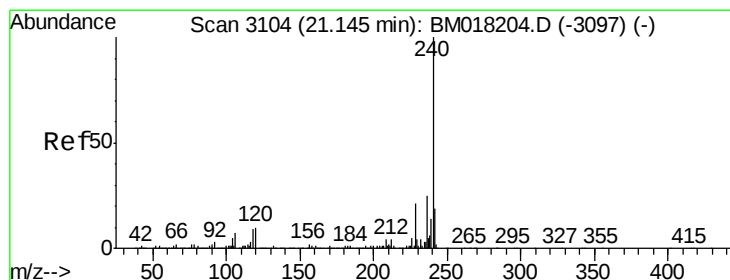
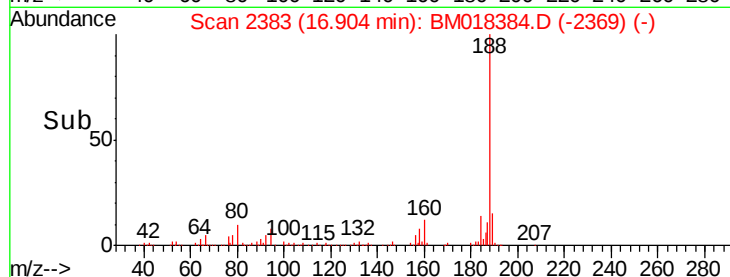
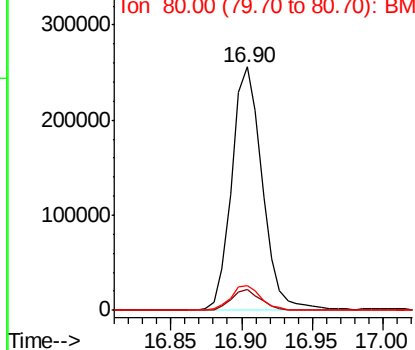
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018384.D
Acq: 22 Dec 2018 15:34

Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

Tot Ion:188 Resp: 387453
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 10.2 9.0 13.6

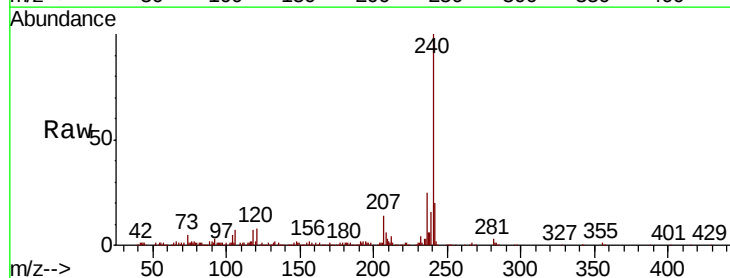


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

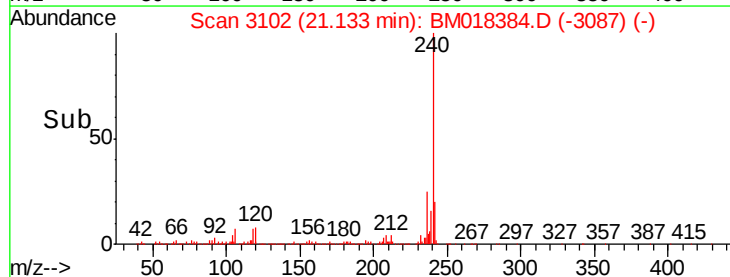
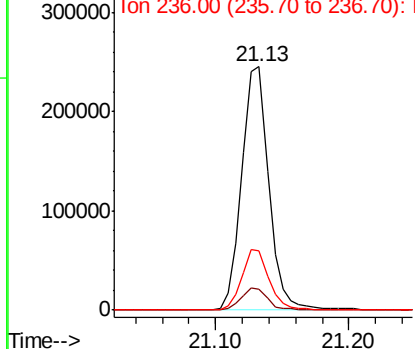


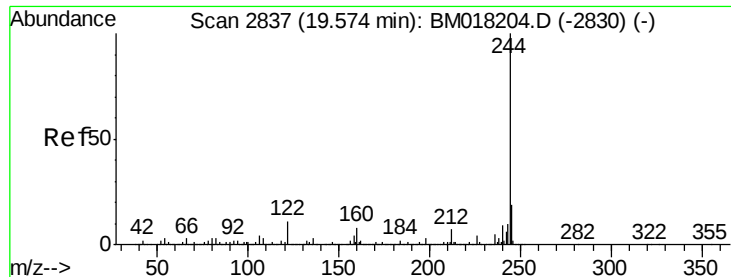
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018384.D
Acq: 22 Dec 2018 15:34

Tgt Ion:240 Resp: 344619
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 24.6 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: 136.974 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018384.D

Acq: 22 Dec 2018 15:34

Instrument :

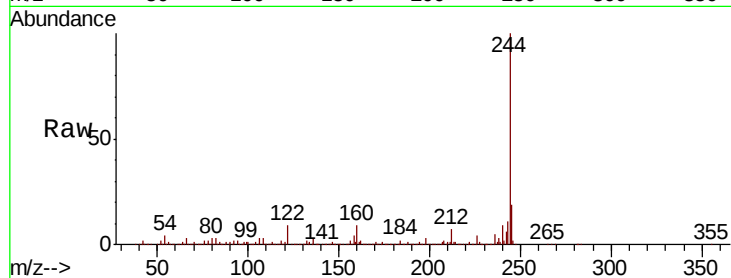
BNA_M

ClientSampleId :

SOIL-DRUM

Tot Ion:244 Resp: 2087137

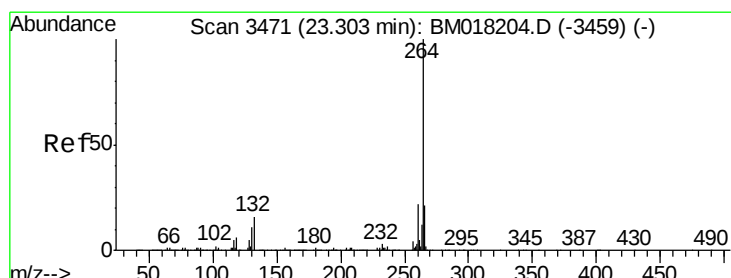
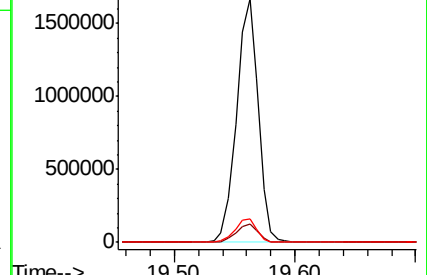
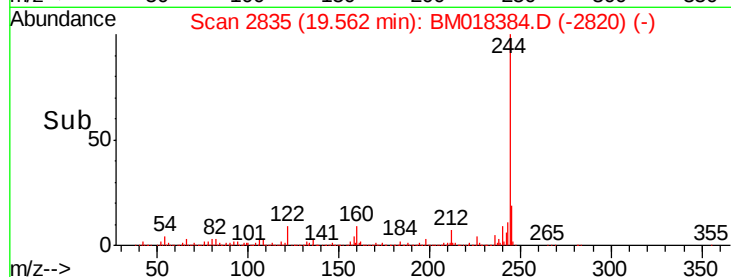
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.4	9.0	13.6



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: 23.29 min Scan# 3469

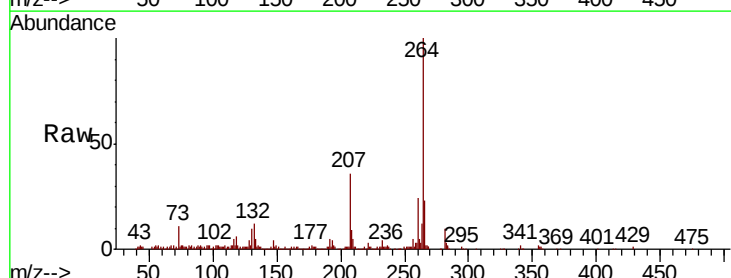
Delta R.T. -0.01 min

Lab File: BM018384.D

Acq: 22 Dec 2018 15:34

Tgt Ion:264 Resp: 388498

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	23.2	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

