

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016231.D
 Acq On : 07 Aug 2018 23:54
 Operator : SJ/JU
 Sample : J4347-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE-1

Quant Time: Aug 08 01:40:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

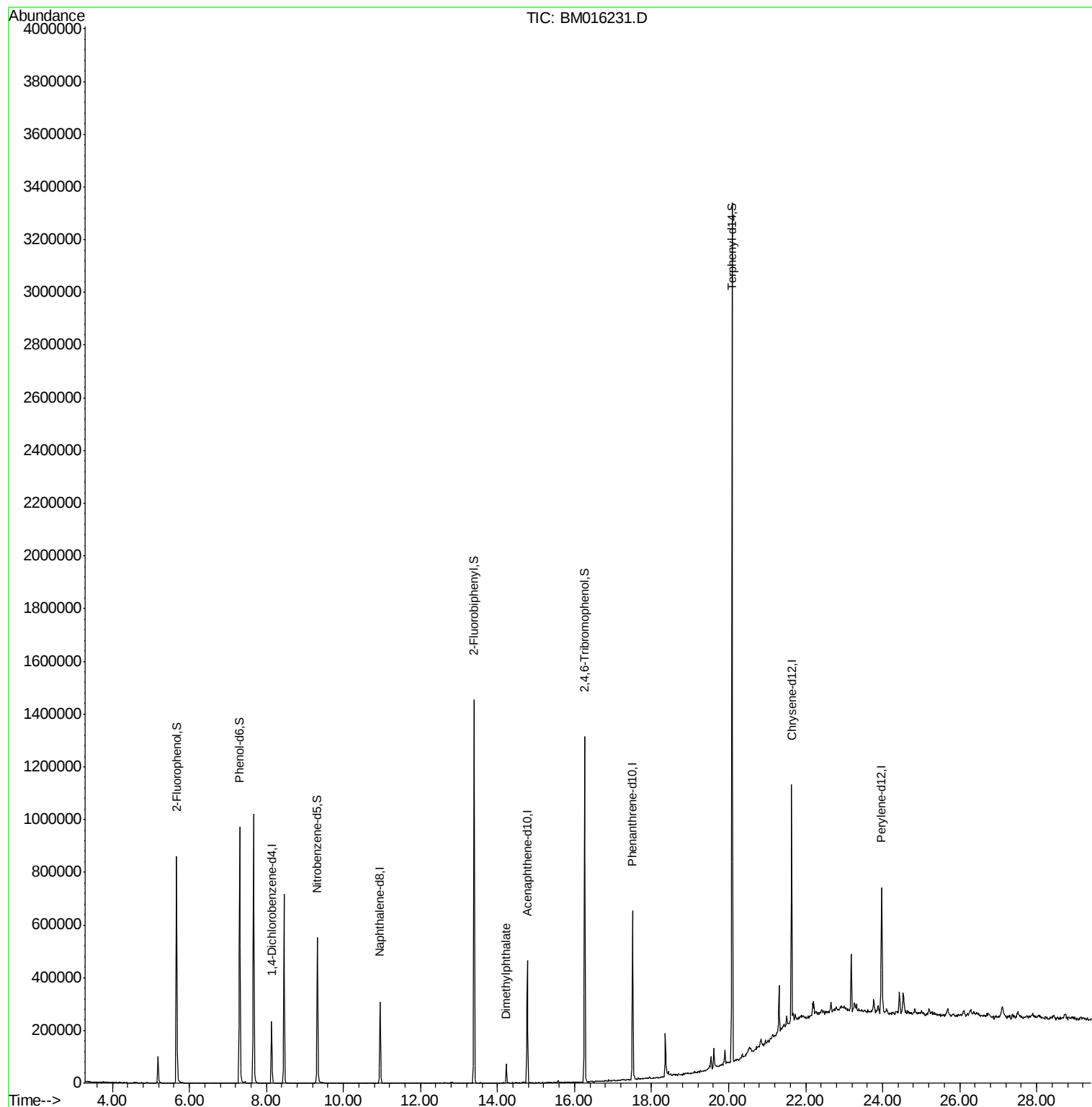
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51566	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	219740	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	131281	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	310168	20.00	ng	0.00
75) Chrysene-d12	21.64	240	340932	20.00	ng	0.00
86) Perylene-d12	23.97	264	303195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	300249	96.72	ng	0.00
7) Phenol-d6	7.30	99	397425	98.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	276094	58.44	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	147231	88.42	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	595789	55.22	ng	0.00
78) Terphenyl-d14	20.09	244	1104995	67.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	39257	3.417	ng	Qvalue 98

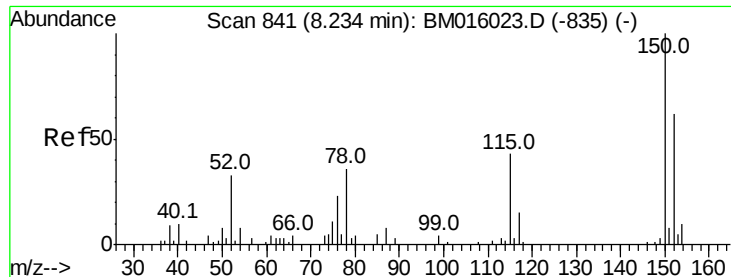
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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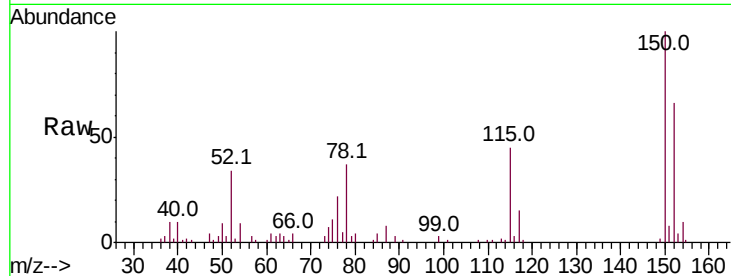


#1

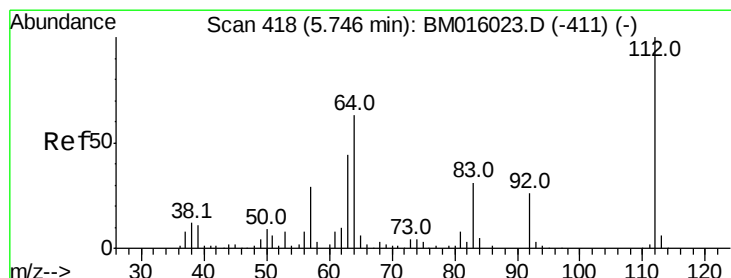
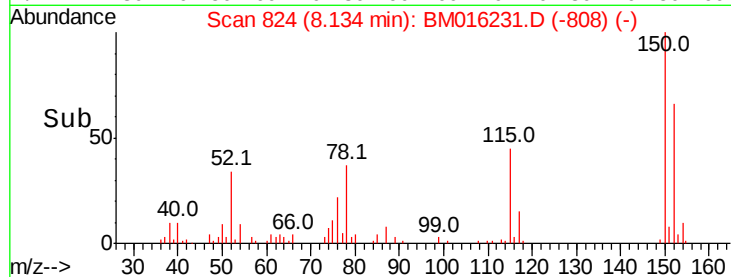
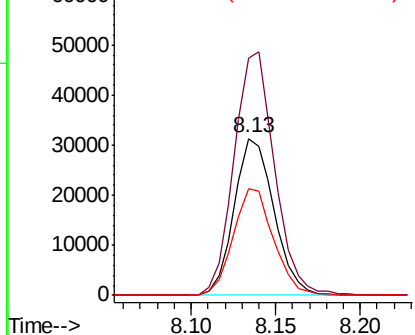
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM016231.D
Acq: 07 Aug 2018 23:54

Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

Tot Ion:152 Resp: 51566
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 67.5 43.0 64.4#



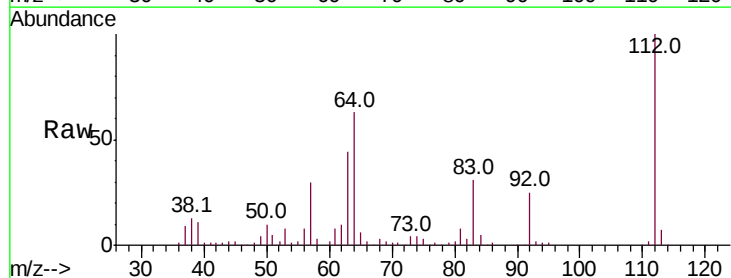
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



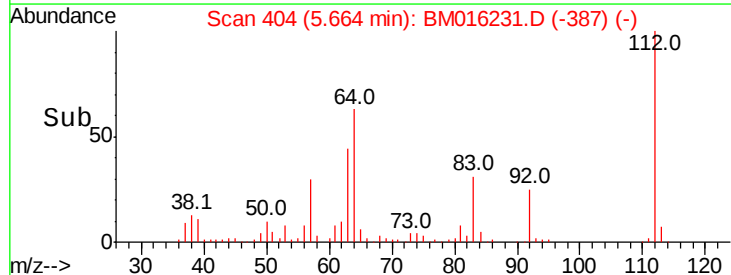
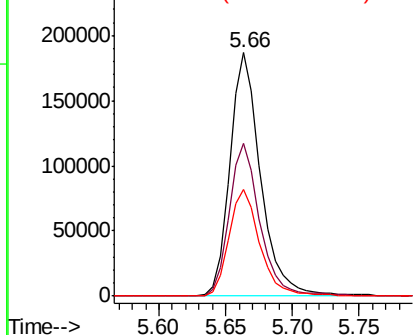
#5

2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016231.D
Acq: 07 Aug 2018 23:54

Tgt Ion:112 Resp: 300249
Ion Ratio Lower Upper
112 100
64 62.8 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: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

Instrument :

BNA_M

ClientSampleId :

CONCRETE-PILE-1

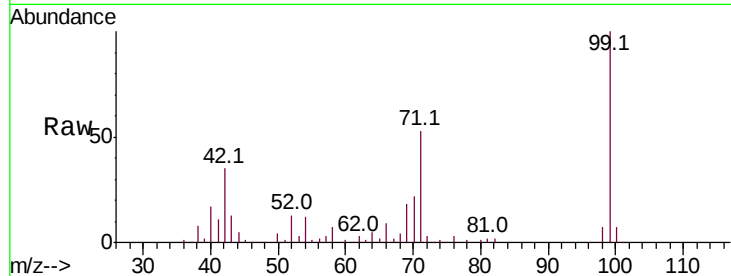
Tot Ion: 99 Resp: 397425

Ion Ratio Lower Upper

99 100

42 34.7 11.0 16.4#

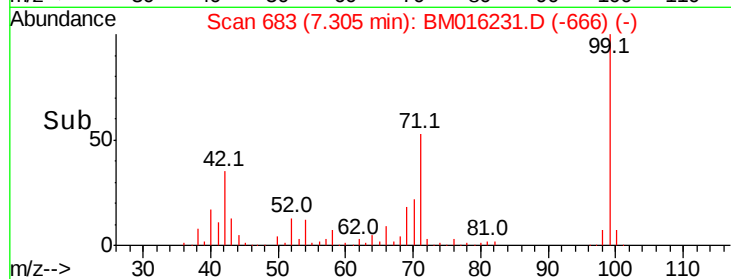
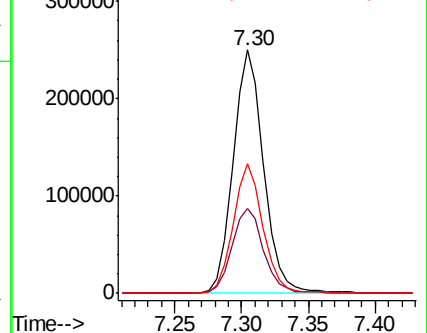
71 53.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016231.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016231.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016231.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

Tgt Ion: 136 Resp: 219740

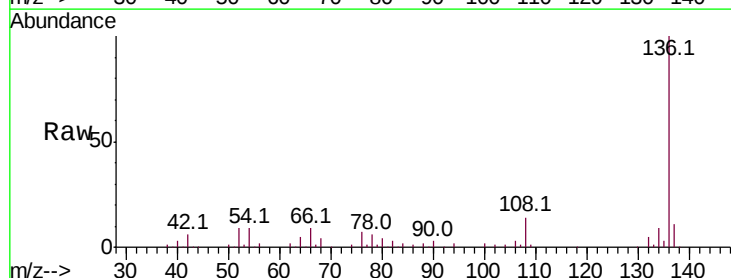
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.0 4.6 6.8#

68 4.4 3.7 5.5

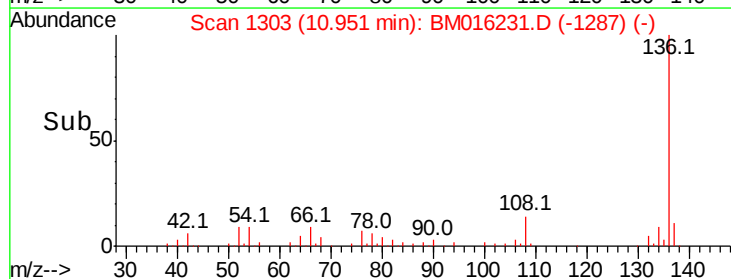
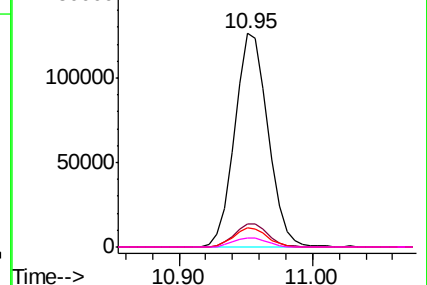


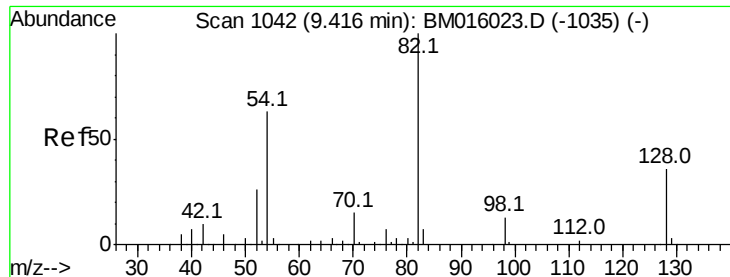
Abundance Ion 136.00 (135.70 to 136.70): BM016231.D (-1287) (-)

Ion 137.00 (136.70 to 137.70): BM016231.D (-1287) (-)

Ion 54.00 (53.70 to 54.70): BM016231.D (-1287) (-)

Ion 68.00 (67.70 to 68.70): BM016231.D (-1287) (-)

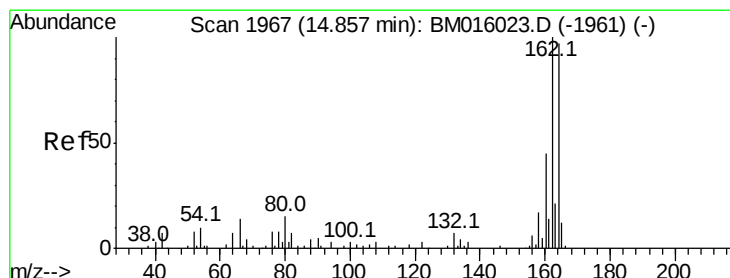
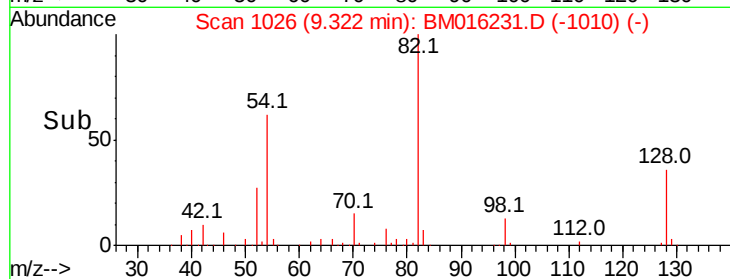
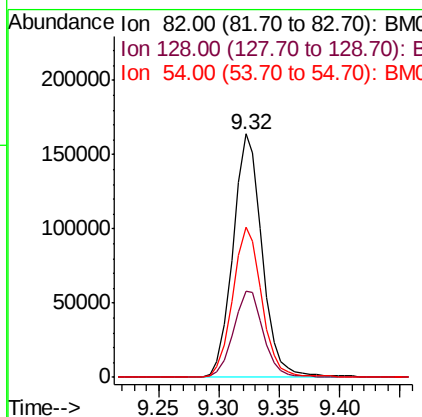
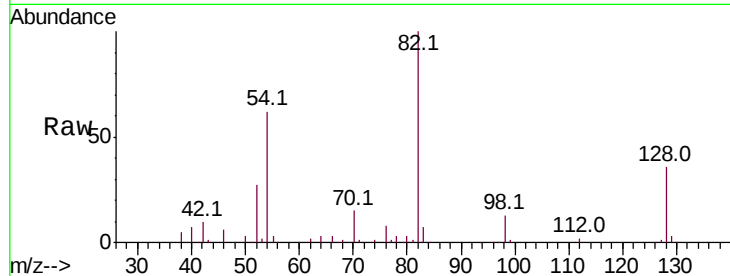




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BM016231.D
 Acq: 07 Aug 2018 23:54

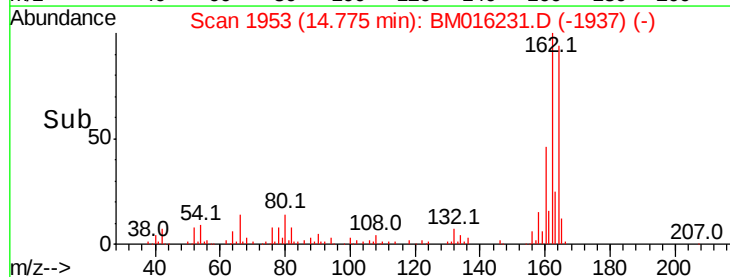
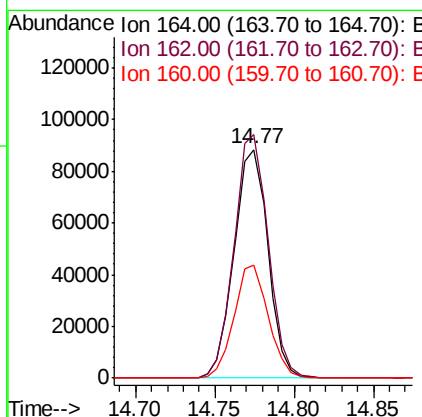
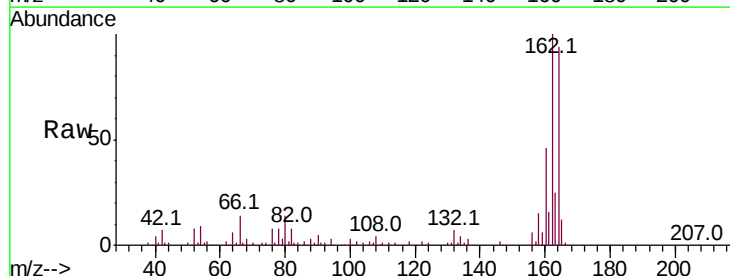
Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE-1

Tot Ion: 82 Resp: 276094
 Ion Ratio Lower Upper
 82 100
 128 35.5 32.8 49.2
 54 61.8 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM016231.D
 Acq: 07 Aug 2018 23:54

Tgt Ion:164 Resp: 131281
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 49.4 35.8 53.6

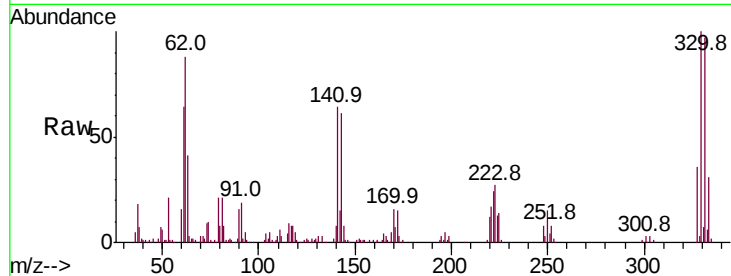




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM016231.D
 Acq: 07 Aug 2018 23:54

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	68.5	0.0	0.0#

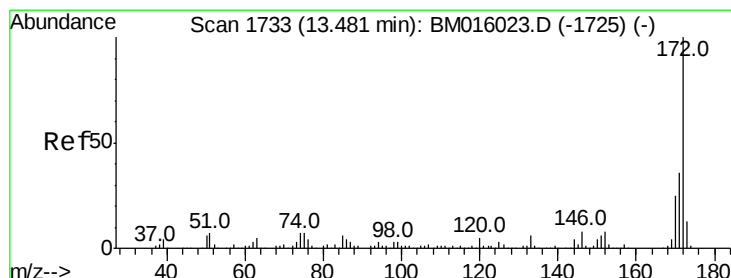
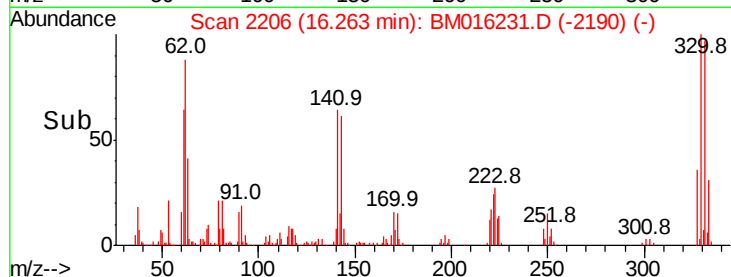
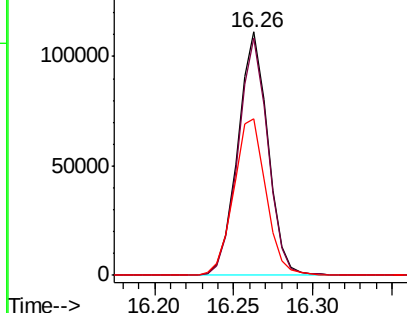


Abundance

Ion 329.80 (329.50 to 330.50): E

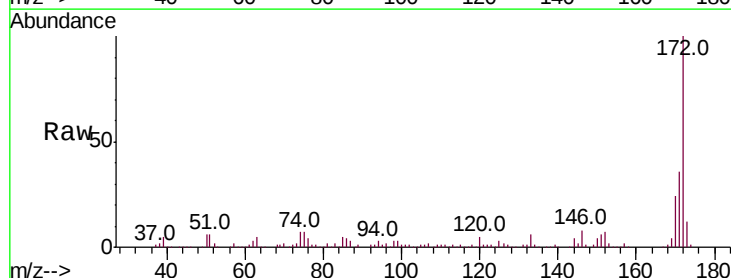
Ion 331.80 (331.50 to 332.50): E

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. -0.01 min
 Lab File: BM016231.D
 Acq: 07 Aug 2018 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	18.8	28.2

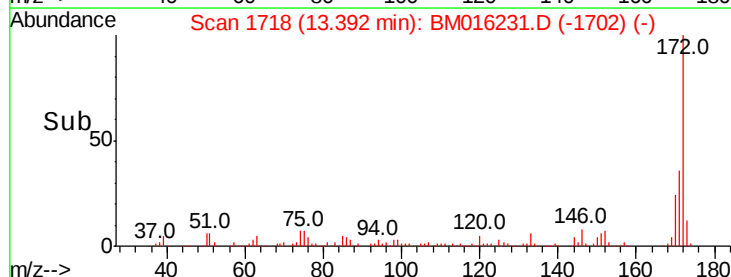
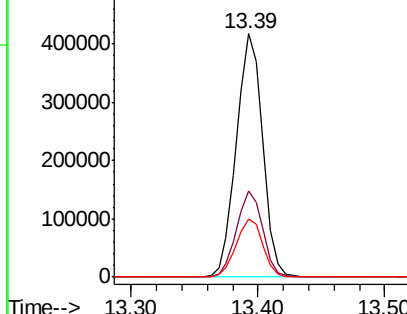


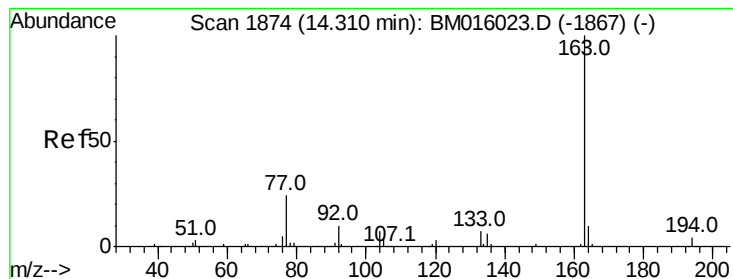
Abundance

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: 3.417 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

Instrument :

BNA_M

ClientSampleId :

CONCRETE-PILE-1

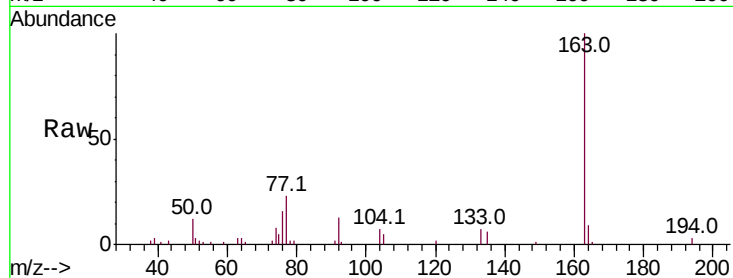
Tot Ion:163 Resp: 39257

Ion Ratio Lower Upper

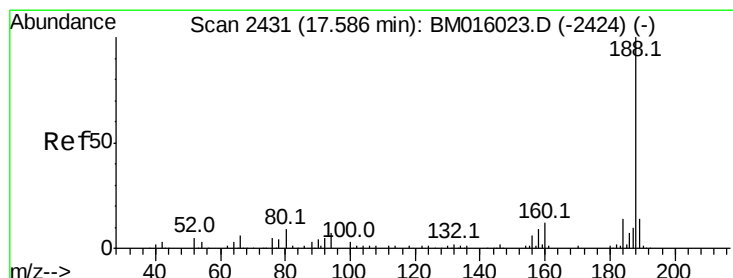
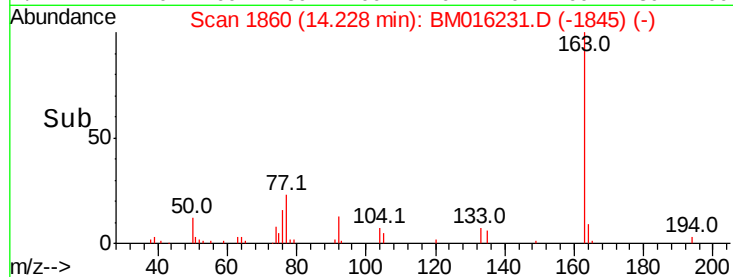
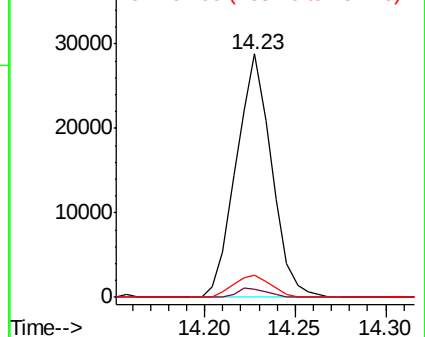
163 100

194 3.3 2.7 4.1

164 9.1 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: 17.51 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

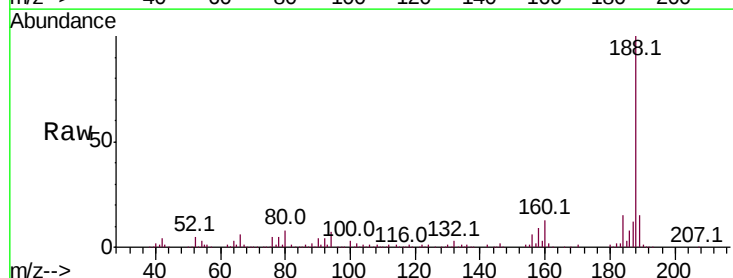
Tgt Ion:188 Resp: 310168

Ion Ratio Lower Upper

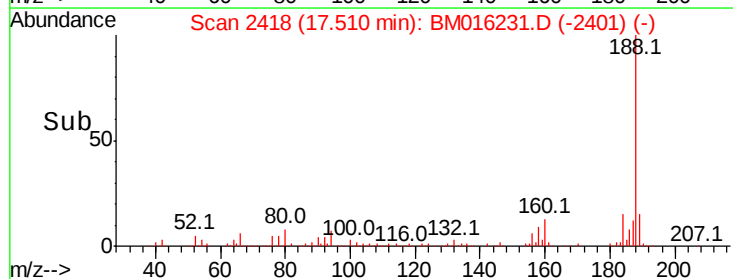
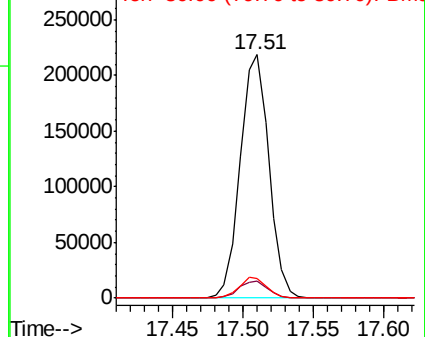
188 100

94 7.0 8.7 13.1#

80 8.3 9.3 13.9#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

Instrument :

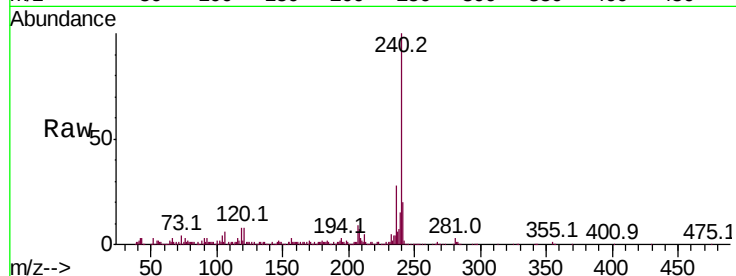
BNA_M

ClientSampleId :

CONCRETE-PILE-1

Tot Ion:240 Resp: 340932

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.2	12.2#
236	27.8	20.0	30.0

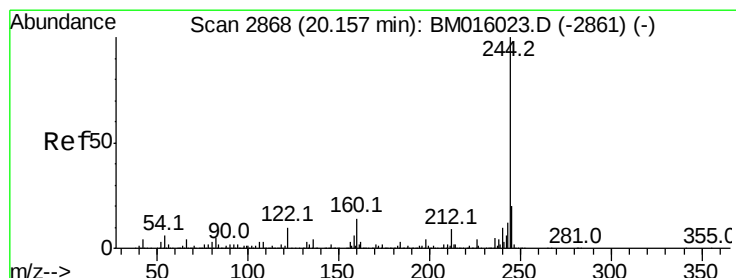
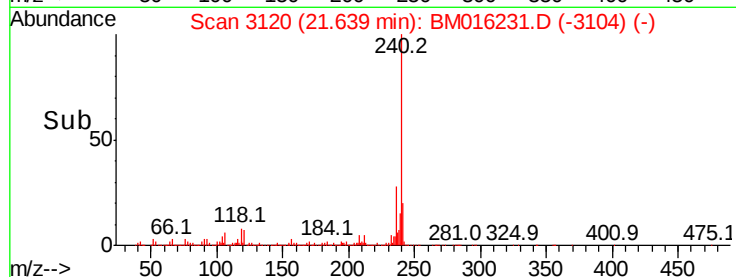
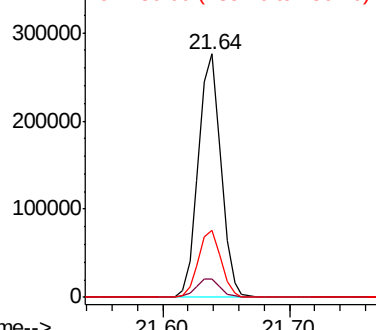


Abundance

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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.09 min Scan# 2856

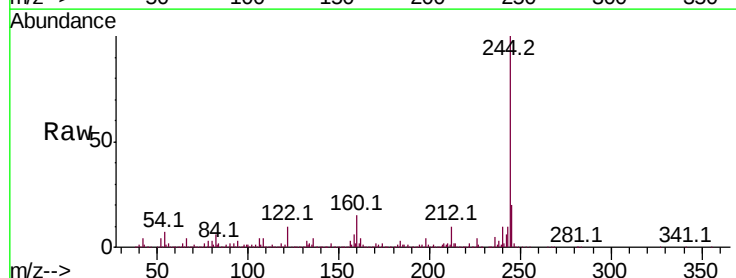
Delta R.T. -0.01 min

Lab File: BM016231.D

Acq: 07 Aug 2018 23:54

Tgt Ion:244 Resp: 1104995

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	10.2	6.2	9.4#

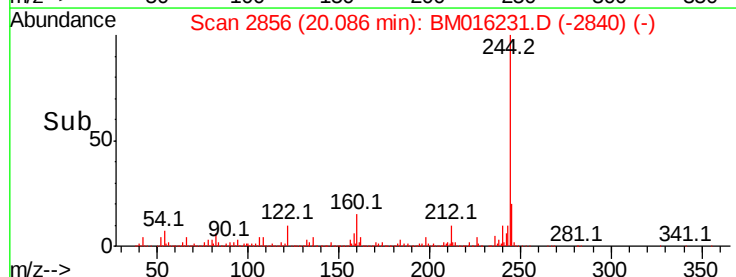
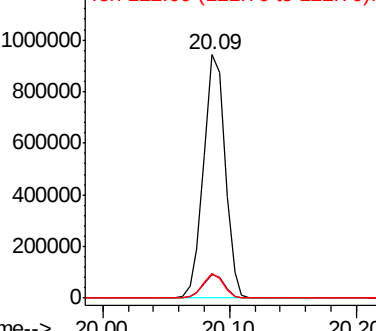


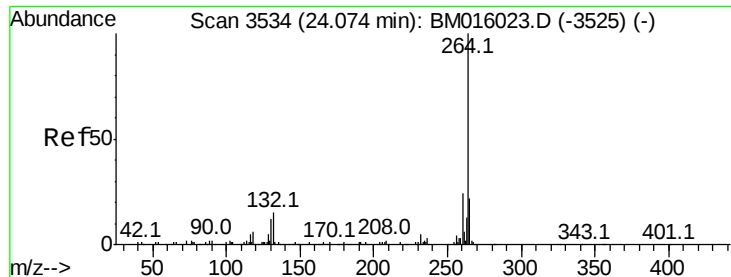
Abundance

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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM016231.D
Acq: 07 Aug 2018 23:54

Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.2	17.3	25.9

