

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029121.D
 Acq On : 12 Mar 2021 21:13
 Operator : CG/JU
 Sample : M1649-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE-2

Quant Time: Mar 12 21:54:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8089	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	31486	20.00	ng	# 0.00
39) Acenaphthene-d10	14.292	164	17541	20.00	ng	0.00
64) Phenanthrene-d10	17.039	188	34648	20.00	ng	0.00
76) Chrysene-d12	21.221	240	33562	20.00	ng	# 0.00
86) Perylene-d12	23.356	264	35533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	21045	43.12	ng	0.00
7) Phenol-d6	6.816	99	40251	62.44	ng	0.00
23) Nitrobenzene-d5	8.792	82	36665	62.83	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	4685	22.54	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	83510	63.38	ng	0.00
79) Terphenyl-d14	19.668	244	108909	59.92	ng	0.00

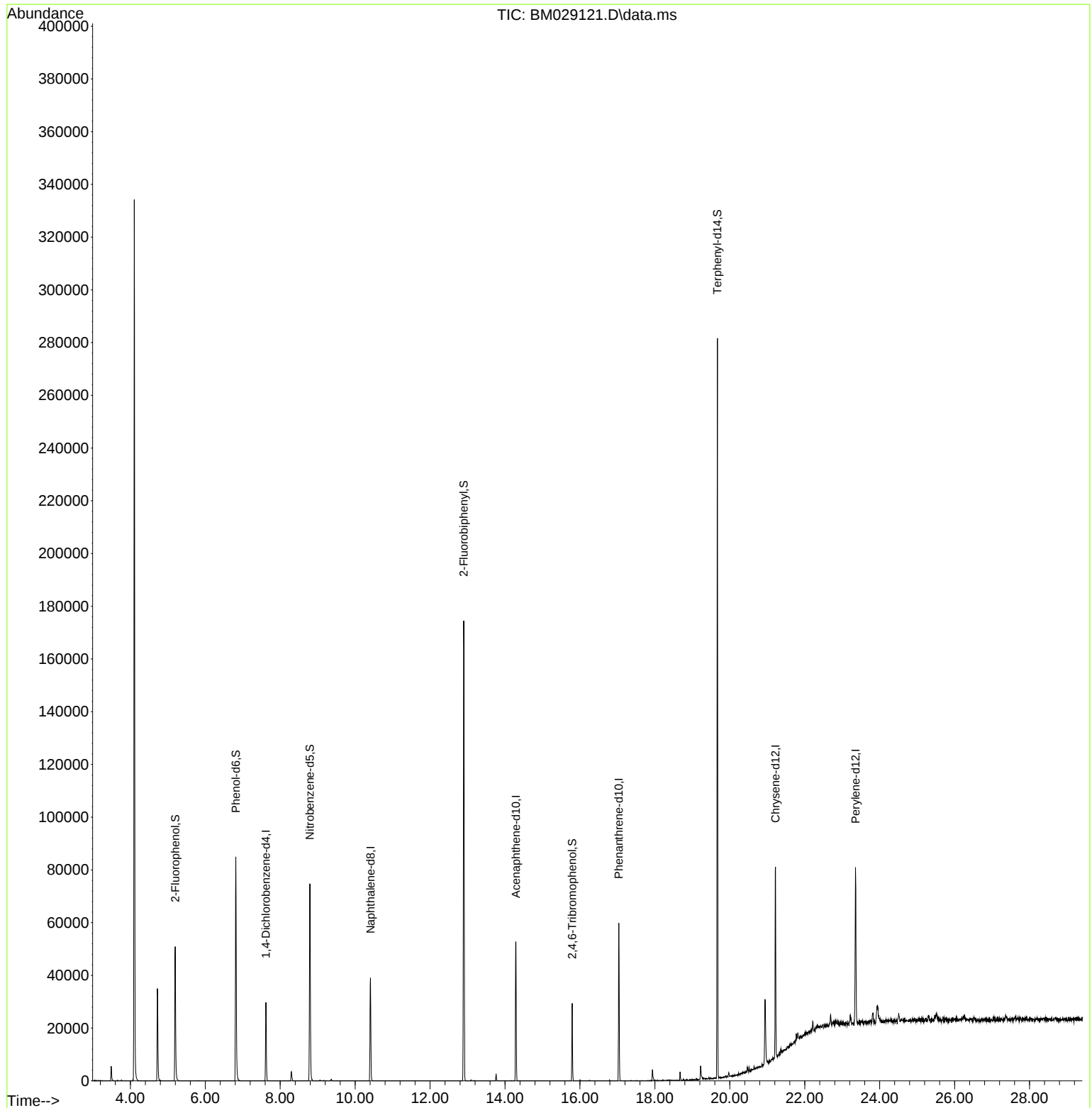
Target Compounds	Qvalue

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

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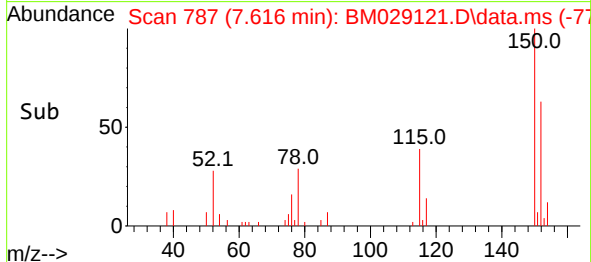
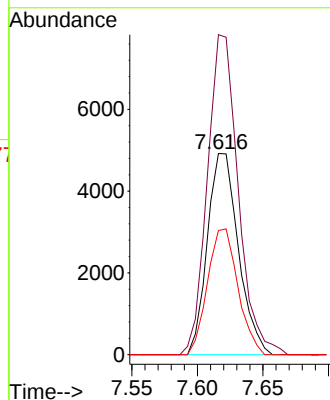
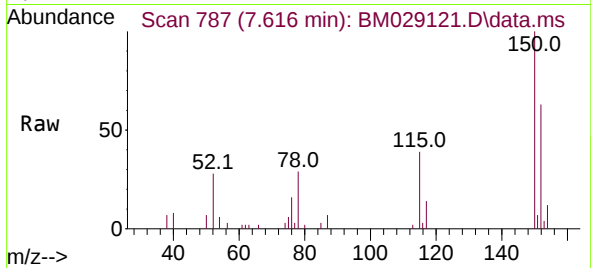




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

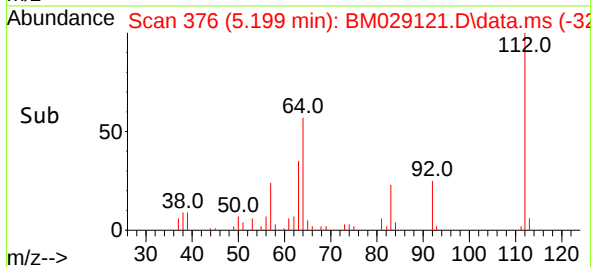
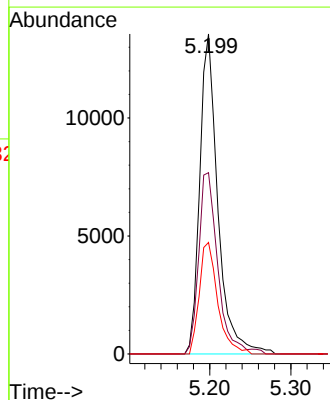
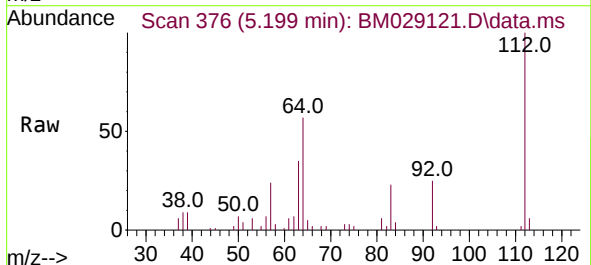
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-2

Tgt Ion:152 Resp: 8089
Ion Ratio Lower Upper
152 100
150 159.1 120.6 181.0
115 61.7 47.2 70.8



#5
2-Fluorophenol
Concen: 43.12 ng
RT: 5.199 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

Tgt Ion:112 Resp: 21045
Ion Ratio Lower Upper
112 100
64 56.7 50.6 76.0
63 34.9 31.0 46.6

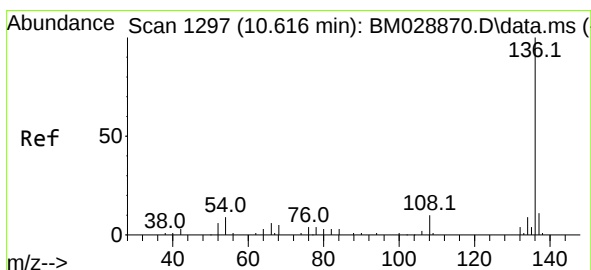
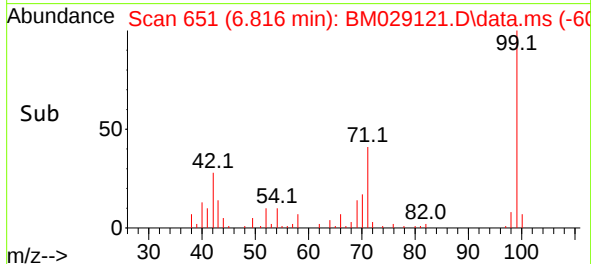
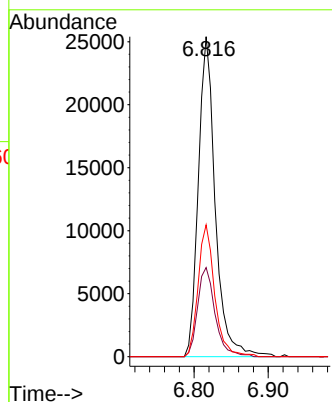
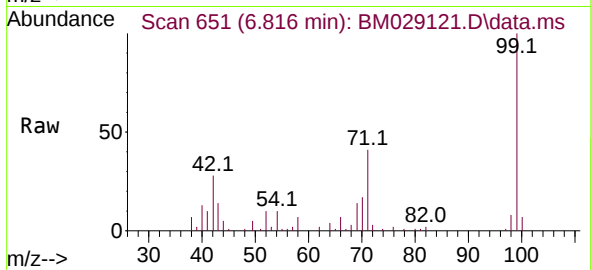




#7
Phenol-d6
Concen: 62.44 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

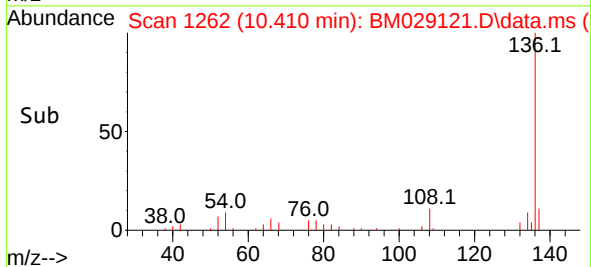
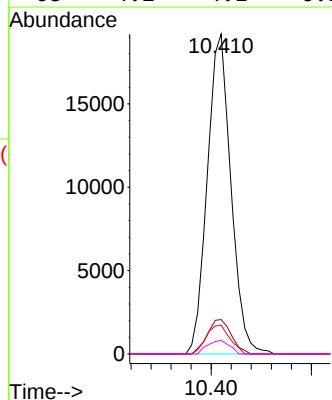
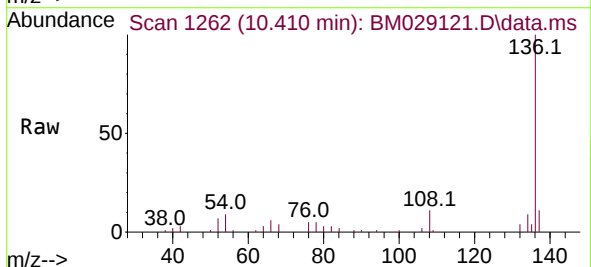
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-2

Tgt Ion: 99 Resp: 40251
Ion Ratio Lower Upper
99 100
42 27.9 13.5 20.3#
71 41.2 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

Tgt Ion: 136 Resp: 31486
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.0 4.6 7.0#
68 4.2 4.1 6.1

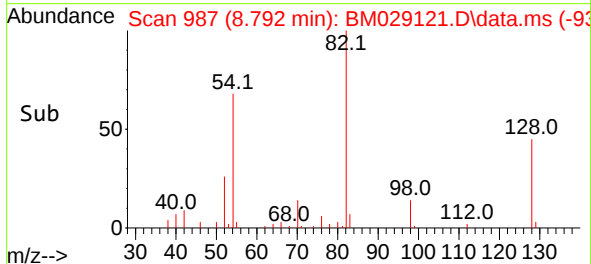
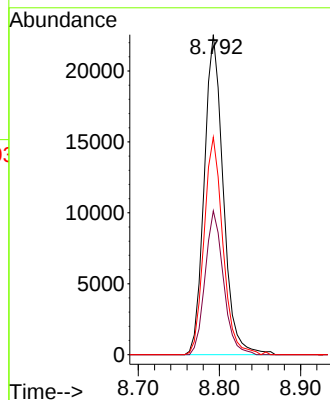
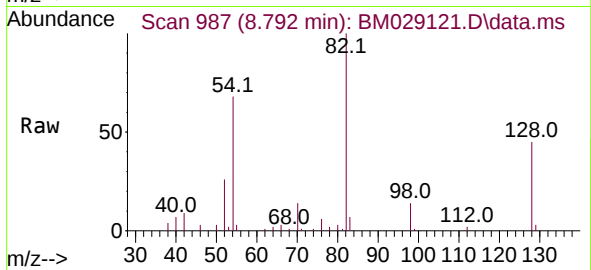




#23
Nitrobenzene-d5
Concen: 62.83 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

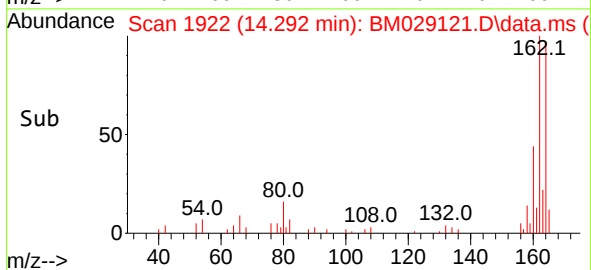
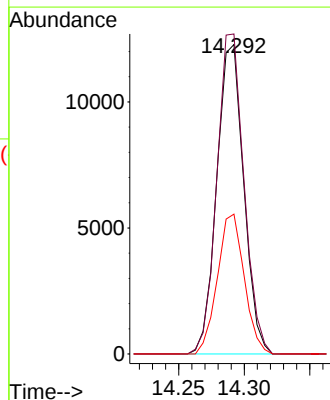
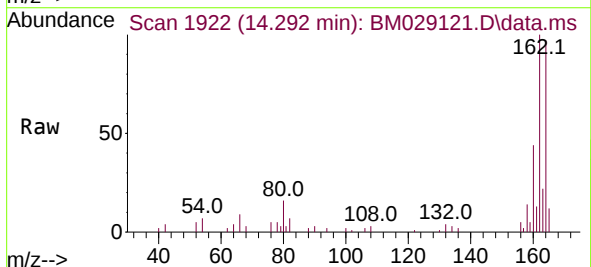
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-2

Tgt Ion: 82 Resp: 36665
Ion Ratio Lower Upper
82 100
128 45.0 27.4 41.0#
54 67.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

Tgt Ion:164 Resp: 17541
Ion Ratio Lower Upper
164 100
162 103.4 80.4 120.6
160 45.2 35.9 53.9

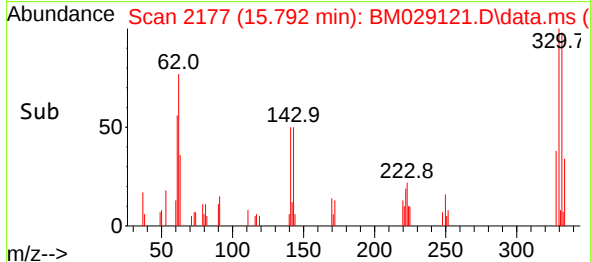
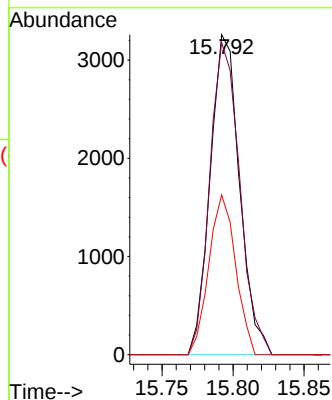
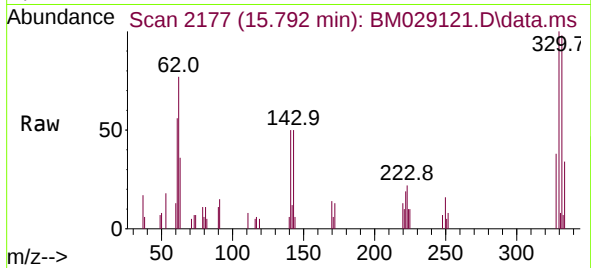




#42
2,4,6-Tribromophenol
Concen: 22.54 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

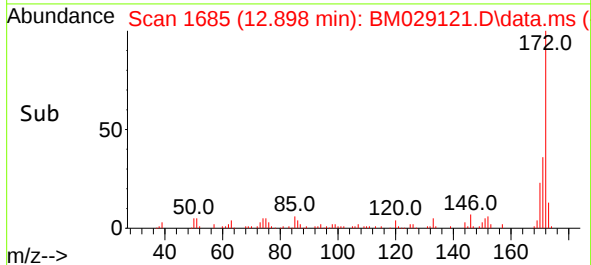
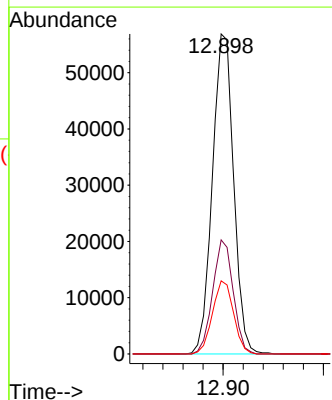
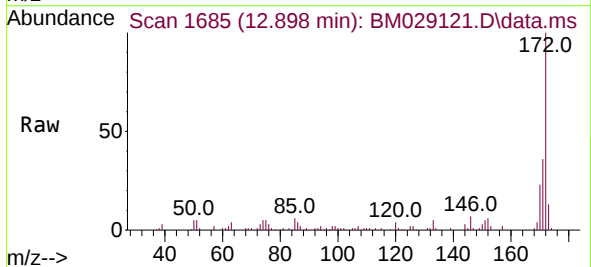
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-2

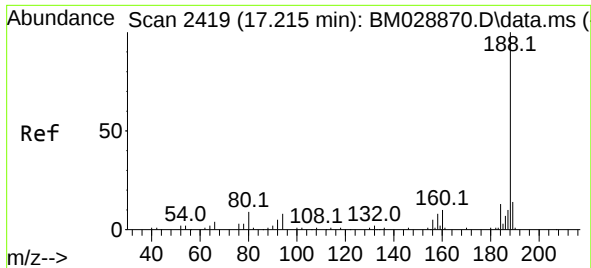
Tgt Ion:330 Resp: 4685
Ion Ratio Lower Upper
330 100
332 99.0 77.8 116.8
141 45.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 63.38 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

Tgt Ion:172 Resp: 83510
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 22.8 18.6 27.8

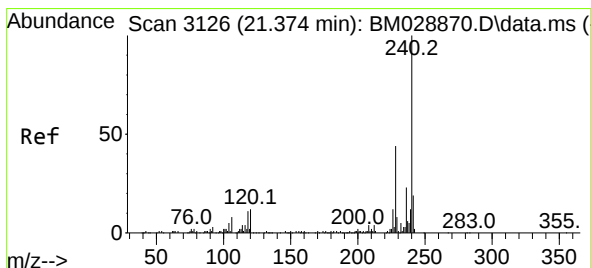
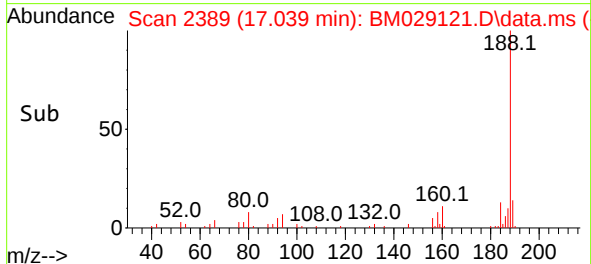
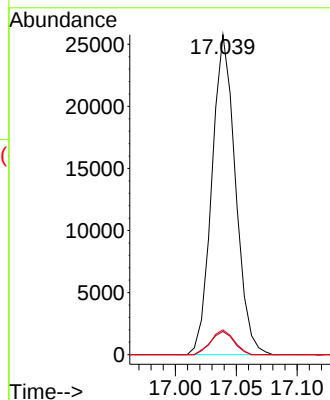
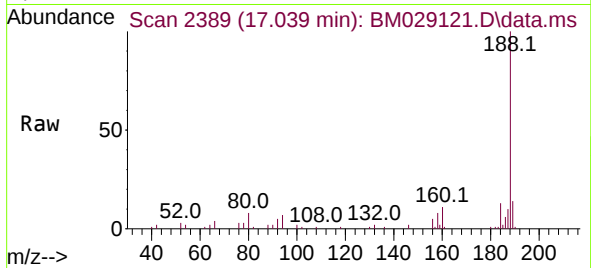




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

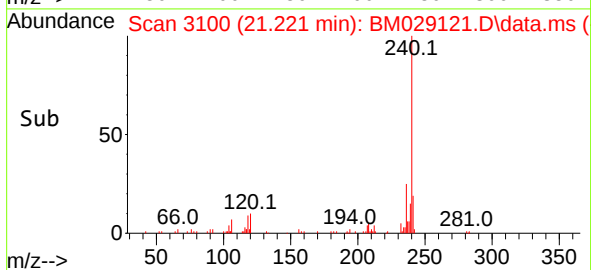
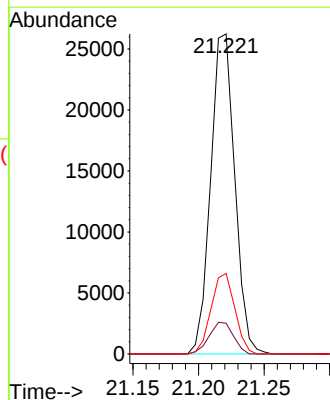
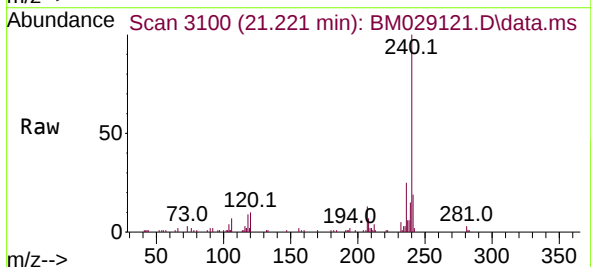
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-2

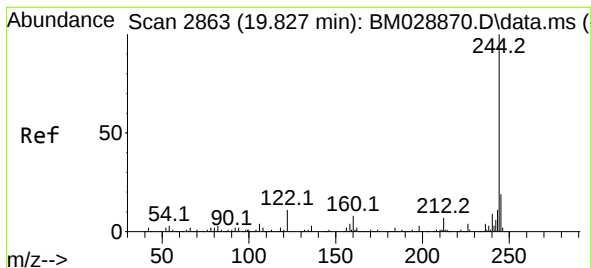
Tgt Ion:188 Resp: 34648
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 7.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM029121.D
Acq: 12 Mar 2021 21:13

Tgt Ion:240 Resp: 33562
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6#
236 25.1 20.1 30.1





#79

Terphenyl-d14

Concen: 59.92 ng

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM029121.D

Acq: 12 Mar 2021 21:13

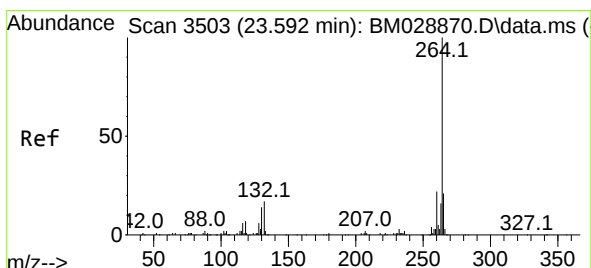
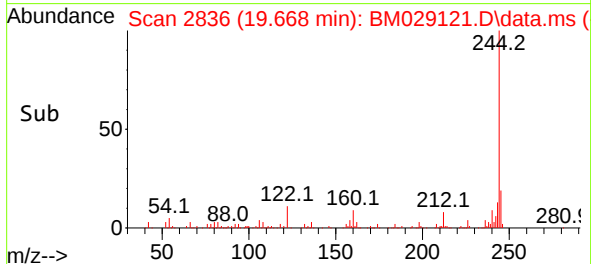
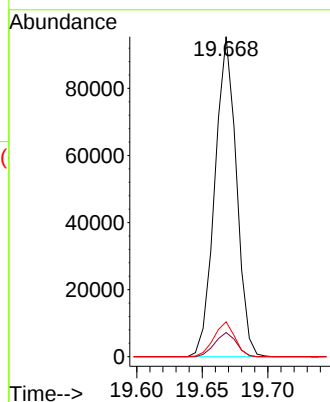
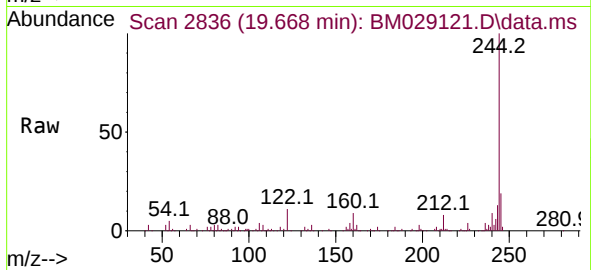
Tgt Ion:244 Resp: 108909

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 10.9 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.356 min Scan# 3463

Delta R.T. -0.012 min

Lab File: BM029121.D

Acq: 12 Mar 2021 21:13

Tgt Ion:264 Resp: 35533

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 20.8 17.7 26.5

