

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029124.D
 Acq On : 12 Mar 2021 23:04
 Operator : CG/JU
 Sample : M1649-07 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE-1

Quant Time: Mar 12 23:44:50 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	9070	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	35561	20.00	ng	# 0.00
39) Acenaphthene-d10	14.286	164	20082	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	40803	20.00	ng	0.00
76) Chrysene-d12	21.215	240	41116	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	45051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.205	112	2431	4.44	ng	0.00
7) Phenol-d6	6.828	99	3790	5.24	ng	0.00
23) Nitrobenzene-d5	8.798	82	2738	4.15	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	900	3.78	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	7121	4.72	ng	0.00
79) Terphenyl-d14	19.668	244	10590	4.76	ng	0.00

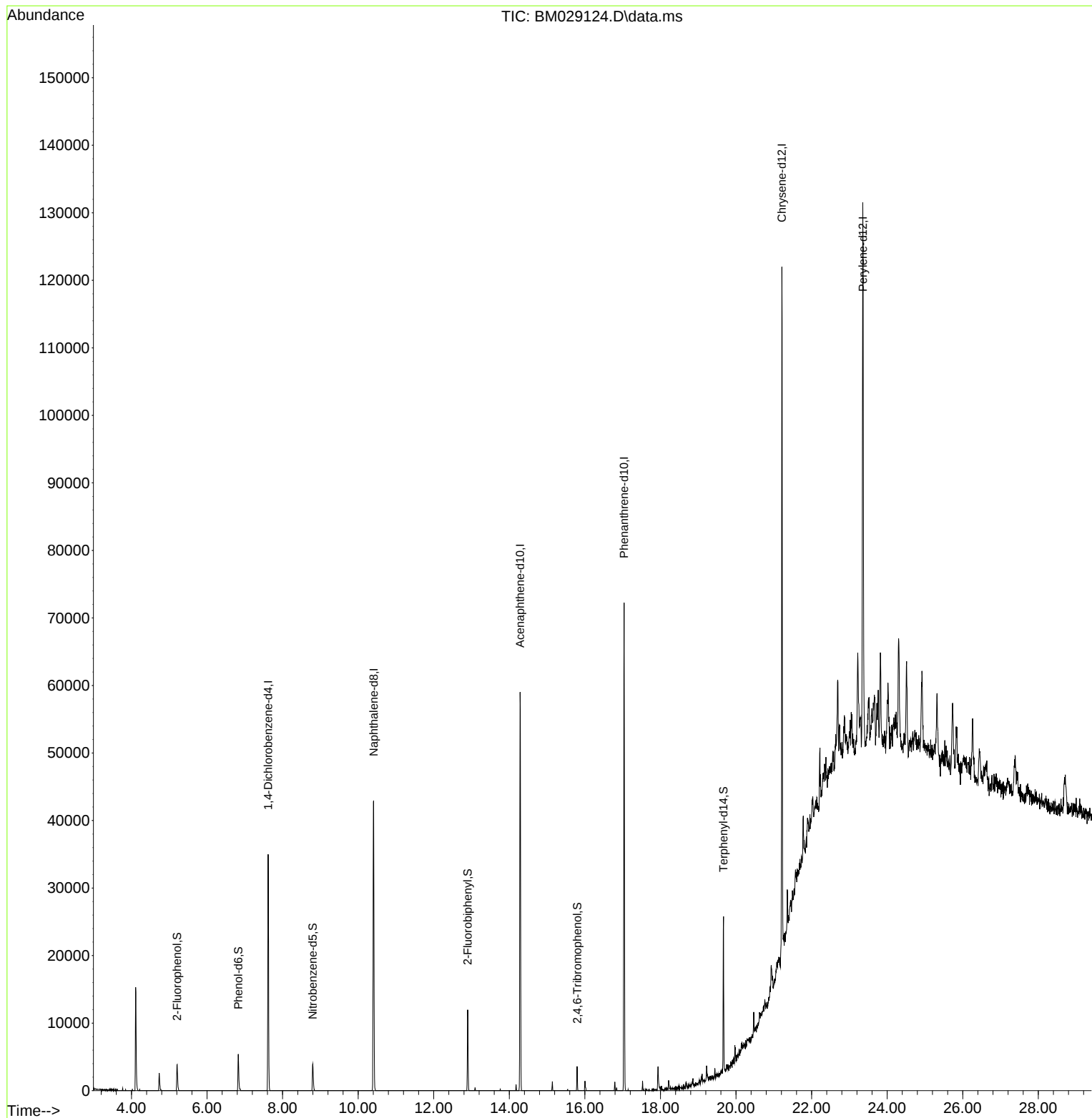
Target Compounds	Qvalue
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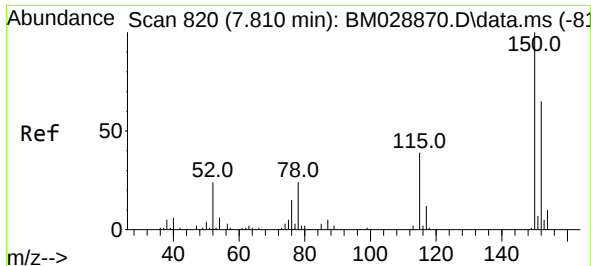
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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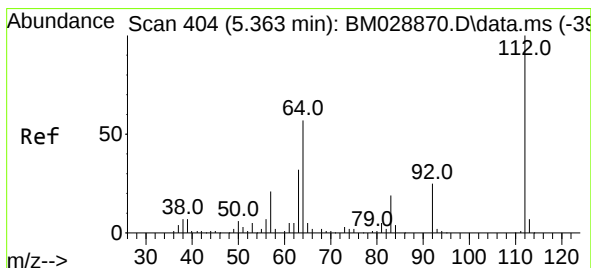
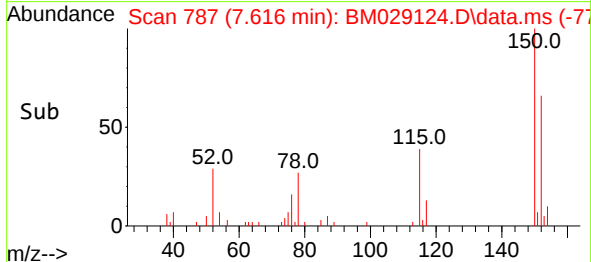
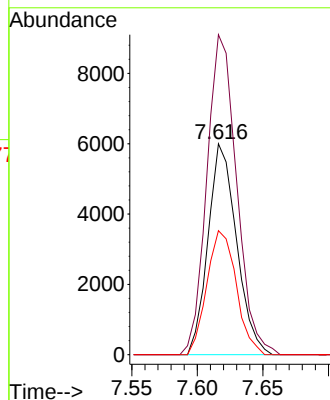
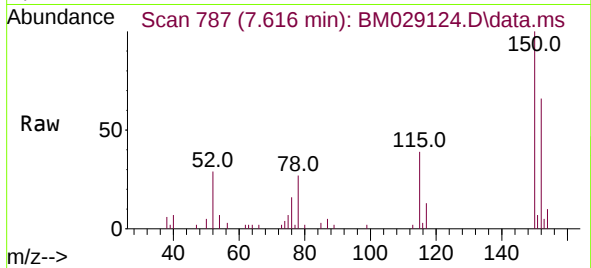




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

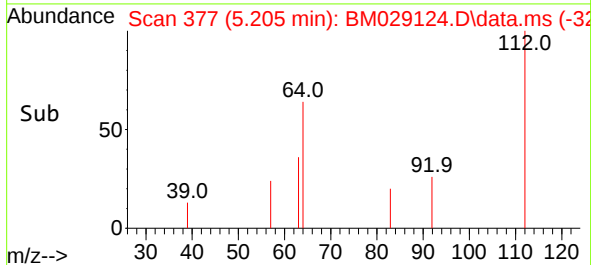
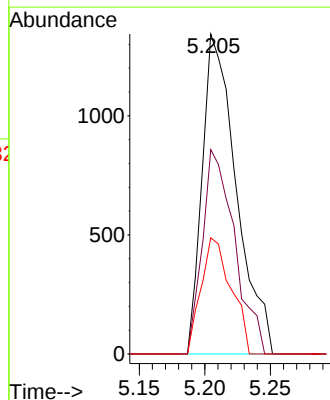
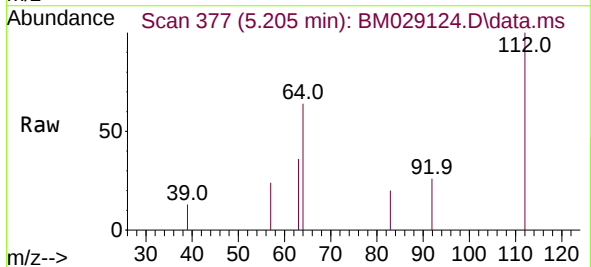
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

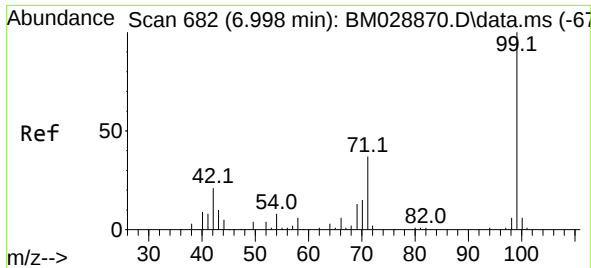
Tgt Ion:152 Resp: 9070
Ion Ratio Lower Upper
152 100
150 151.7 120.6 181.0
115 58.8 47.2 70.8



#5
2-Fluorophenol
Concen: 4.44 ng
RT: 5.205 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

Tgt Ion:112 Resp: 2431
Ion Ratio Lower Upper
112 100
64 63.8 50.6 76.0
63 36.3 31.0 46.6

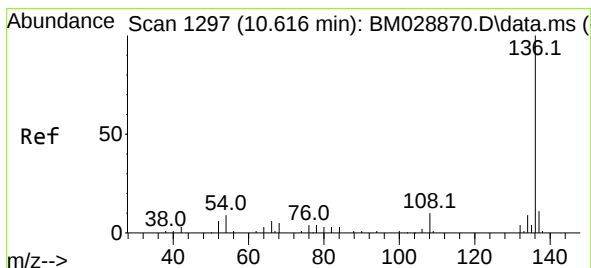
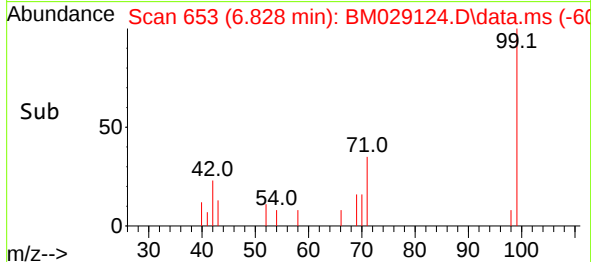
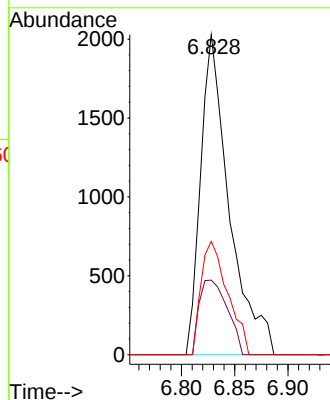
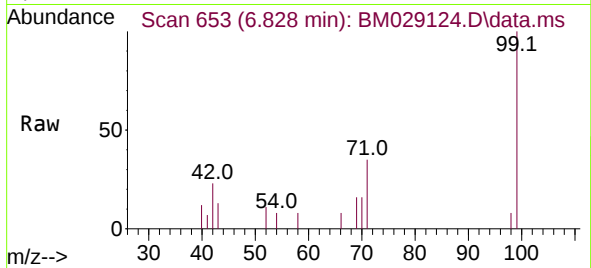




#7
Phenol-d6
Concen: 5.24 ng
RT: 6.828 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

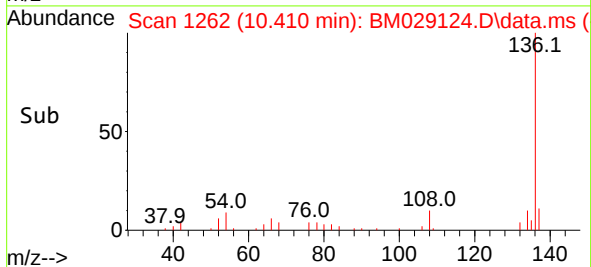
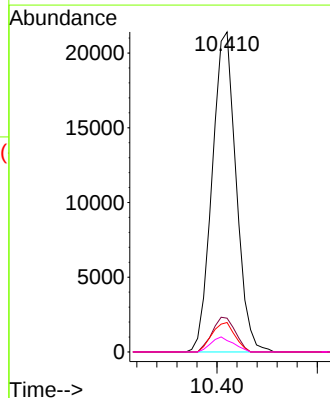
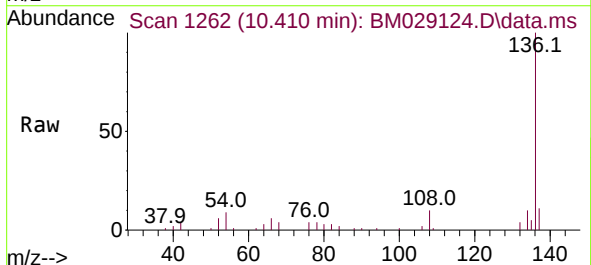
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

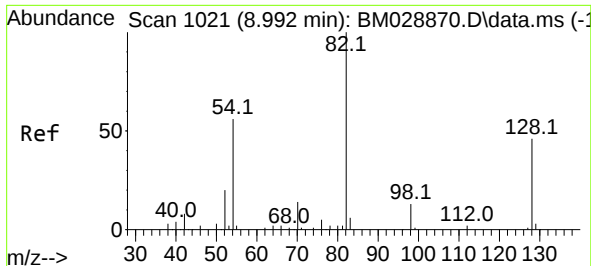
Tgt Ion: 99 Resp: 3790
Ion Ratio Lower Upper
99 100
42 23.3 13.5 20.3#
71 35.4 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

Tgt Ion: 136 Resp: 35561
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.2 4.6 7.0#
68 3.6 4.1 6.1#

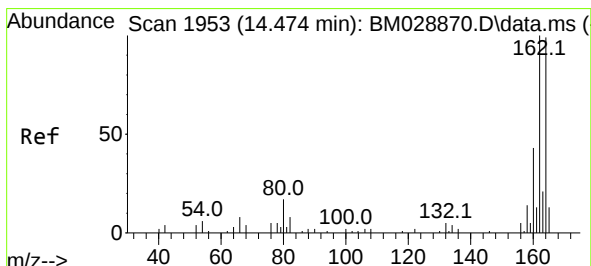
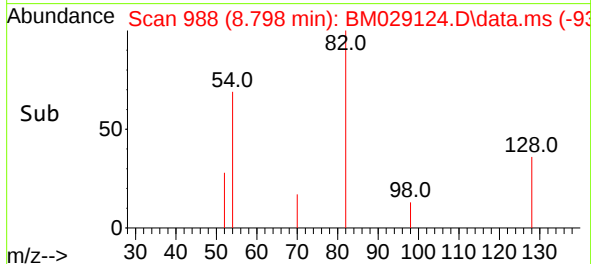
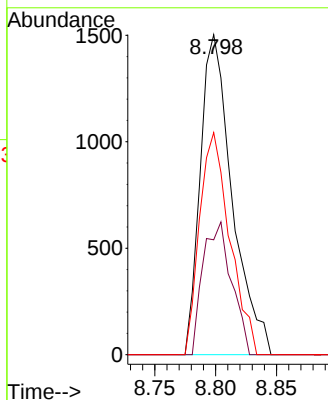
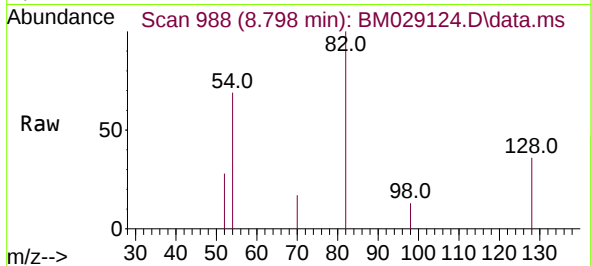




#23
Nitrobenzene-d5
Concen: 4.15 ng
RT: 8.798 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

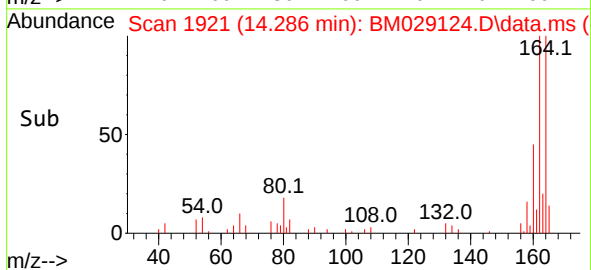
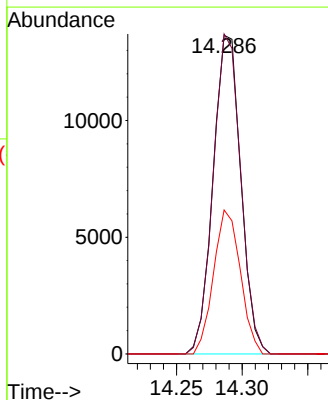
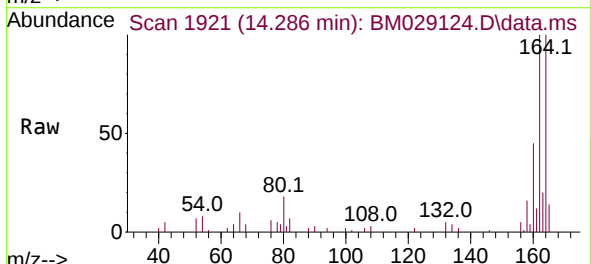
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

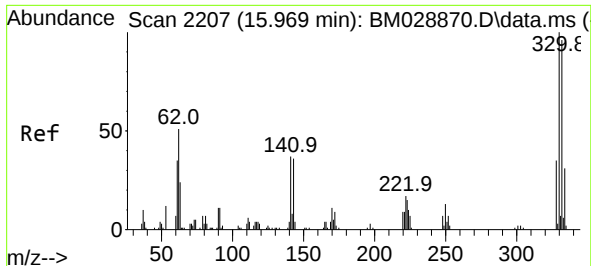
Tgt Ion: 82 Resp: 2738
Ion Ratio Lower Upper
82 100
128 35.9 27.4 41.0
54 69.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

Tgt Ion:164 Resp: 20082
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 45.2 35.9 53.9

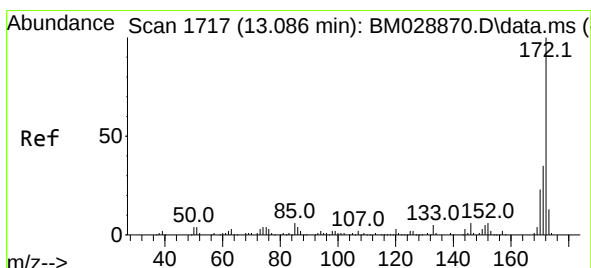
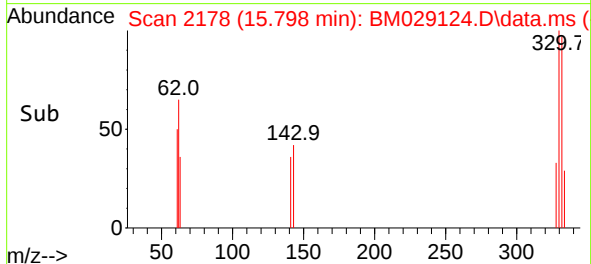
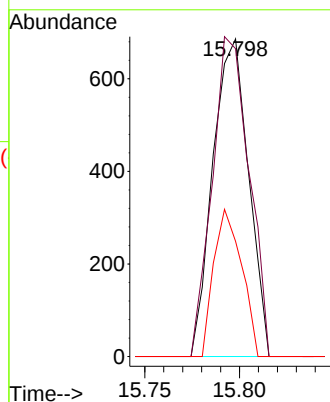
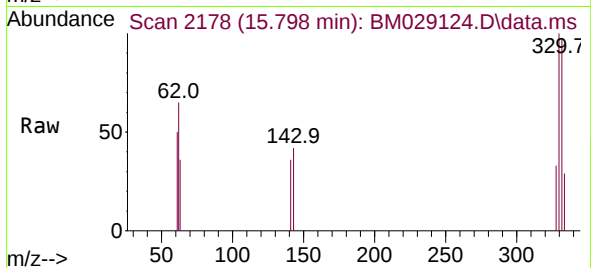




#42
2,4,6-Tribromophenol
Concen: 3.78 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

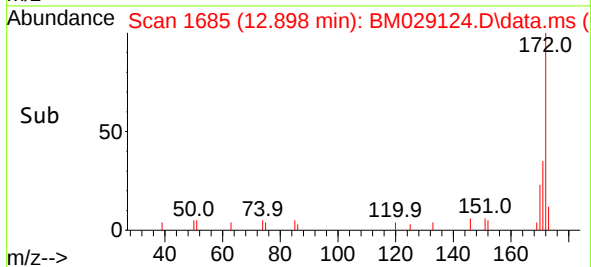
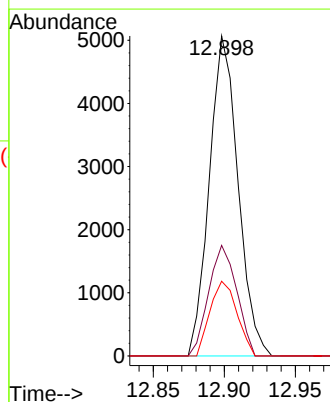
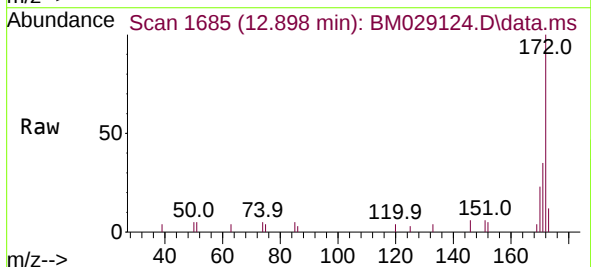
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

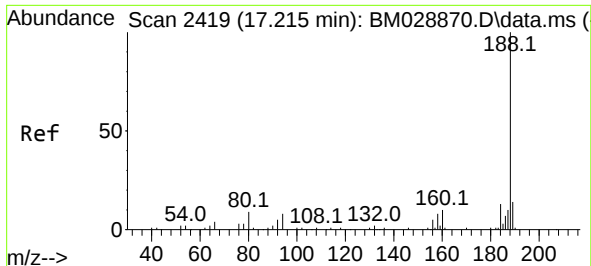
Tgt Ion:330 Resp: 900
Ion Ratio Lower Upper
330 100
332 103.6 77.8 116.8
141 36.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 4.72 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

Tgt Ion:172 Resp: 7121
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.3 18.6 27.8

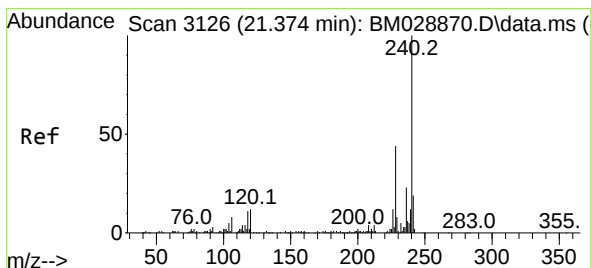
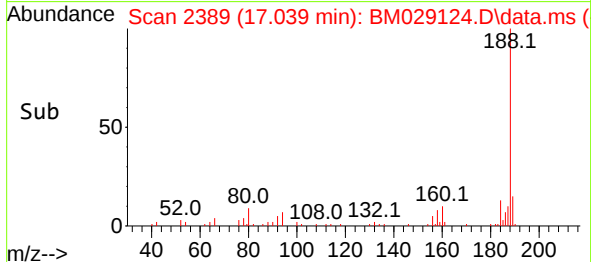
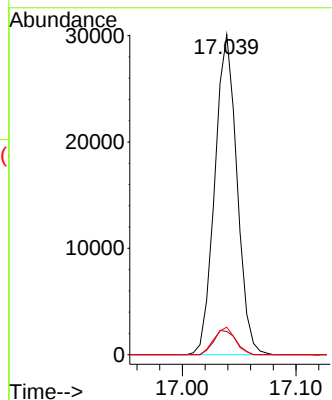
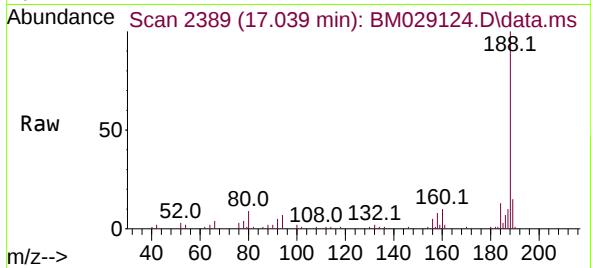




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

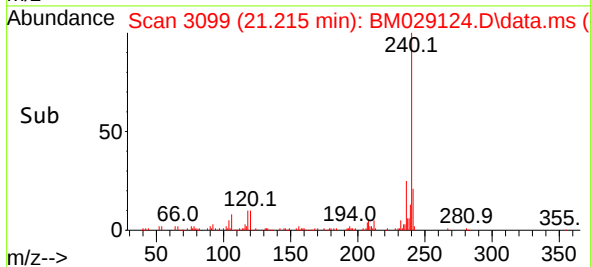
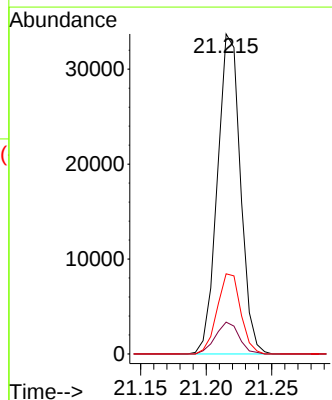
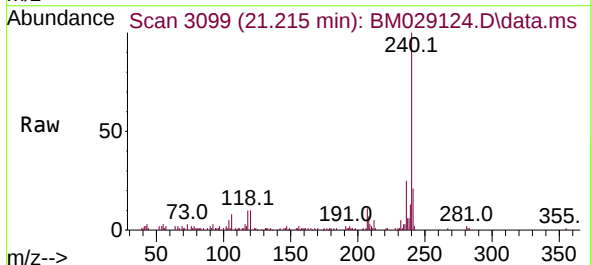
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

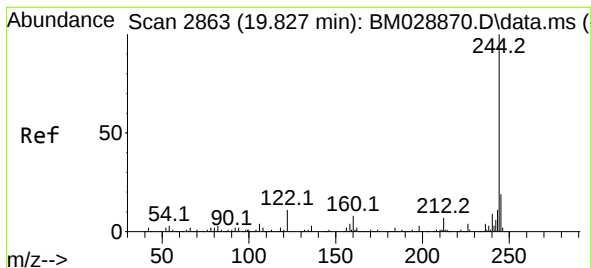
Tgt Ion:188 Resp: 40803
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM029124.D
Acq: 12 Mar 2021 23:04

Tgt Ion:240 Resp: 41116
Ion Ratio Lower Upper
240 100
120 9.9 6.4 9.6#
236 25.1 20.1 30.1





#79

Terphenyl-d14

Concen: 4.76 ng

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM029124.D

Acq: 12 Mar 2021 23:04

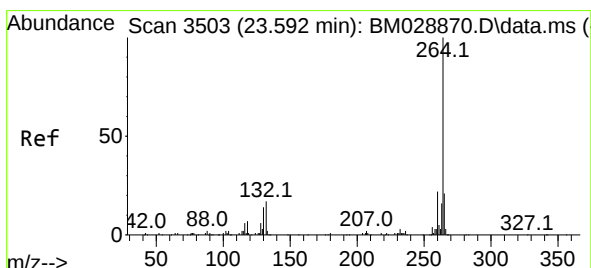
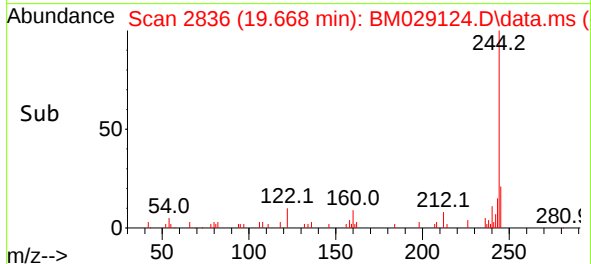
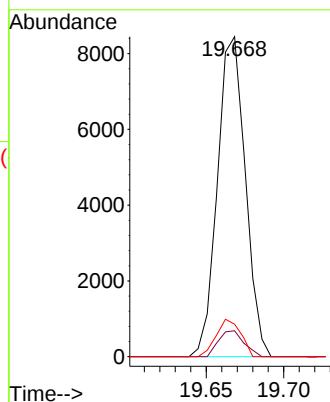
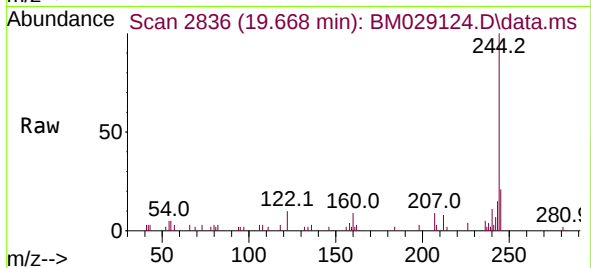
Tgt Ion:244 Resp: 10590

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 10.2 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: BM029124.D

Acq: 12 Mar 2021 23:04

Tgt Ion:264 Resp: 45051

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 22.5 17.7 26.5

