

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041925.D
 Acq On : 20 Sep 2023 04:41
 Operator : MA/JU
 Sample : 04432-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-1

Quant Time: Sep 20 05:30:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	272956	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1129154	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	732083	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1594305	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1420353	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1393670	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1923031	117.345	ng	0.00
7) Phenol-d6	7.110	99	2620929	115.186	ng	0.00
23) Nitrobenzene-d5	9.151	82	1585959	71.513	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1042206	114.099	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	3626491	72.708	ng	0.00
79) Terphenyl-d14	19.968	244	5905975	75.731	ng	0.00

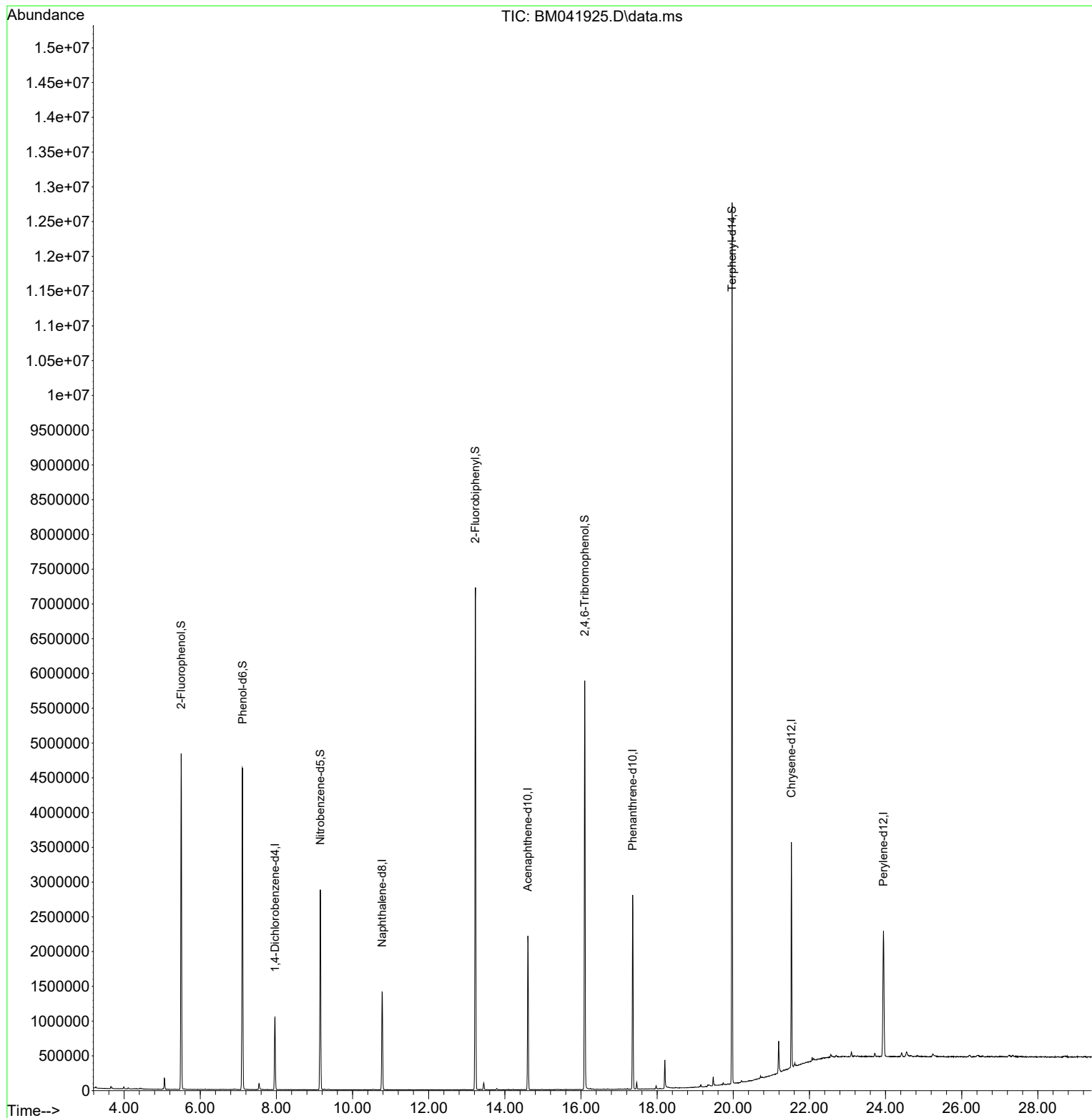
Target Compounds	Qvalue

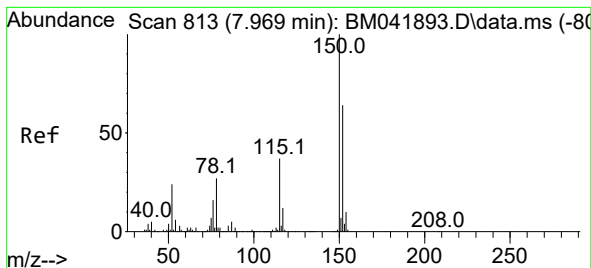
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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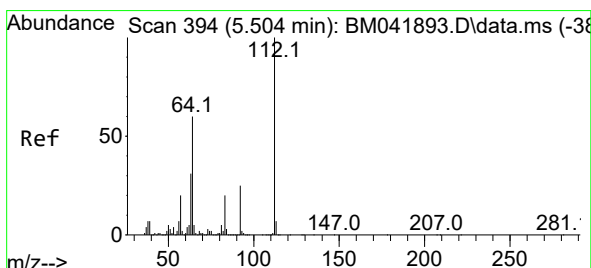
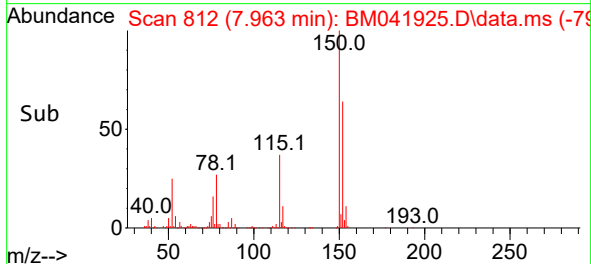
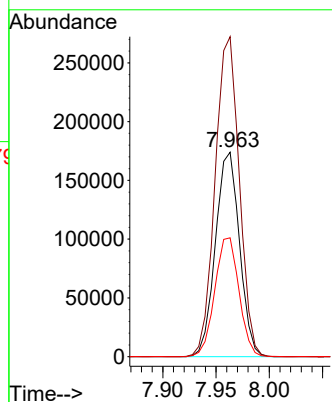
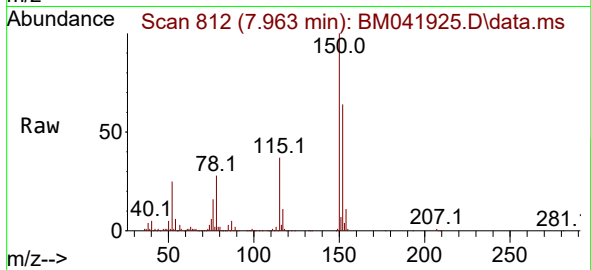




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

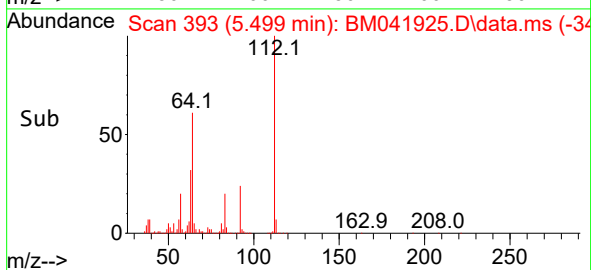
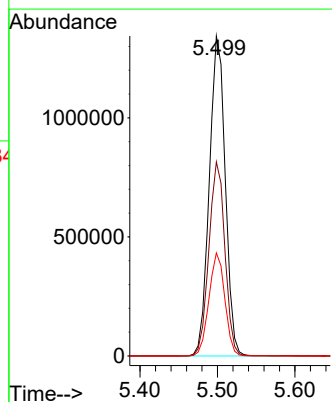
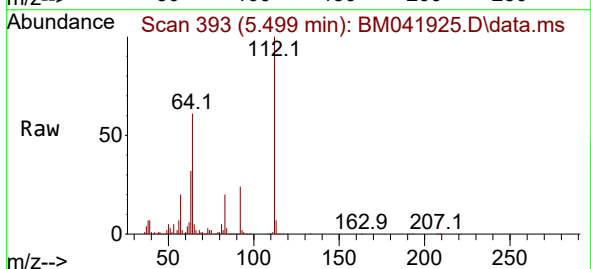
Instrument :
BNA_M
ClientSampleId :
PILE-1

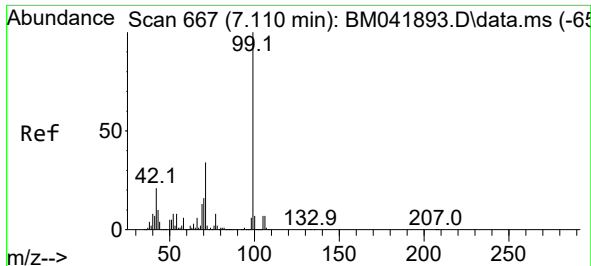
Tgt Ion:152 Resp: 272956
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 58.1 46.8 70.2



#5
2-Fluorophenol
Concen: 117.345 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

Tgt Ion:112 Resp: 1923031
Ion Ratio Lower Upper
112 100
64 60.7 48.1 72.1
63 32.2 25.0 37.6

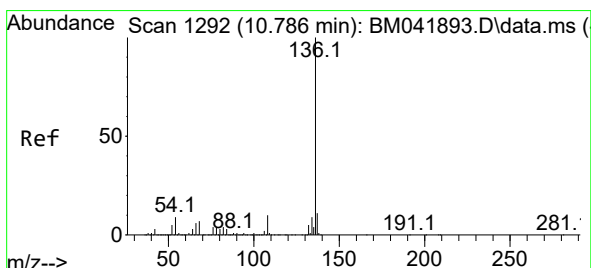
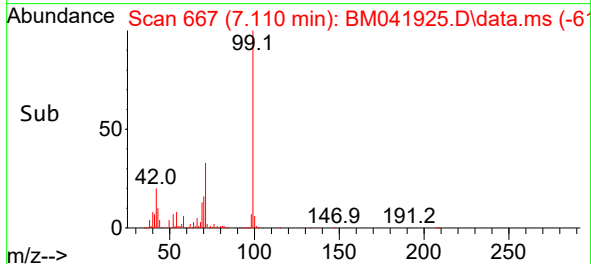
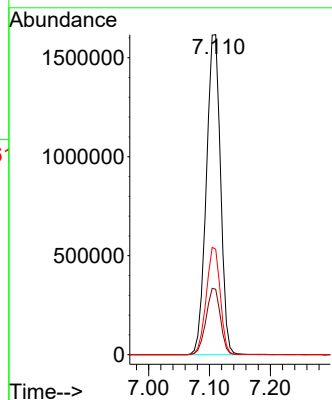
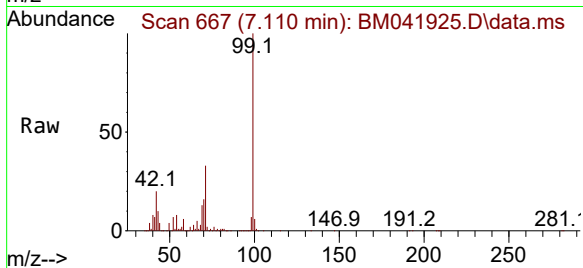




#7
Phenol-d6
Concen: 115.186 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

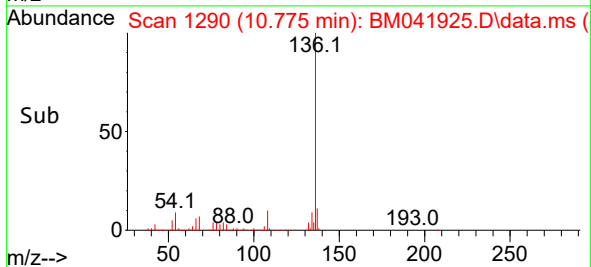
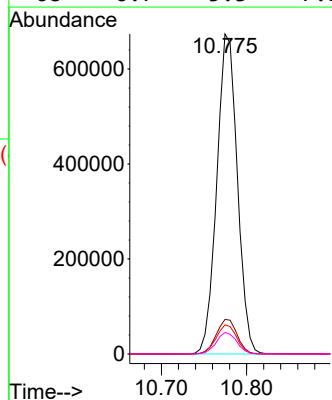
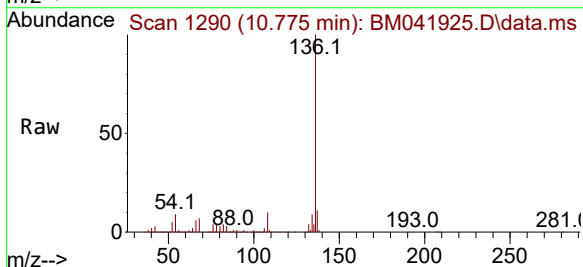
Instrument :
BNA_M
ClientSampleId :
PILE-1

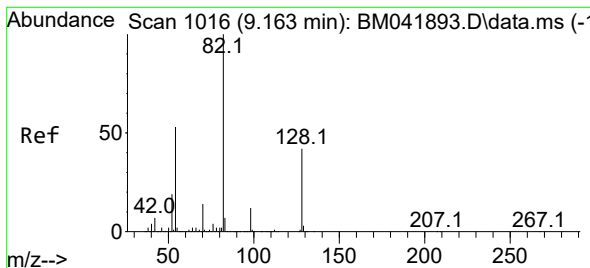
Tgt Ion: 99 Resp: 2620929
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 33.0 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

Tgt Ion:136 Resp: 1129154
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.0 10.4
68 6.7 5.3 7.9

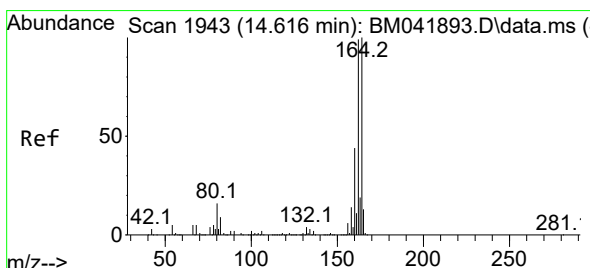
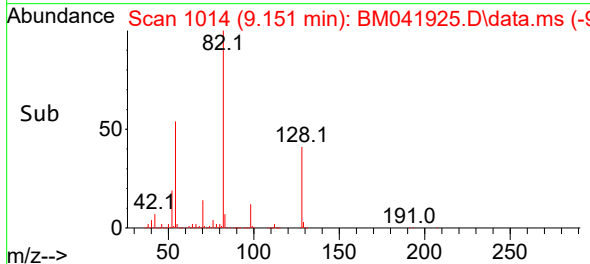
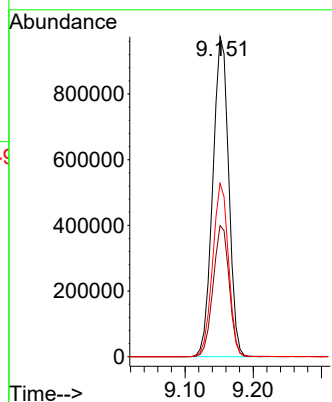
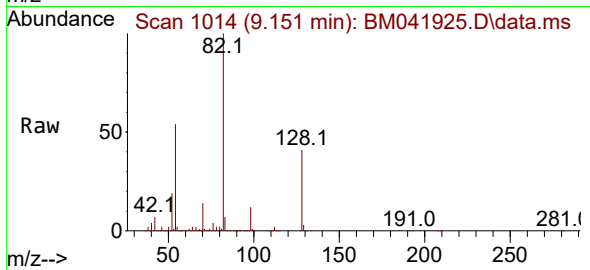




#23
Nitrobenzene-d5
Concen: 71.513 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

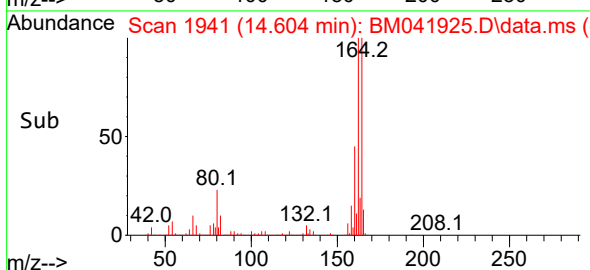
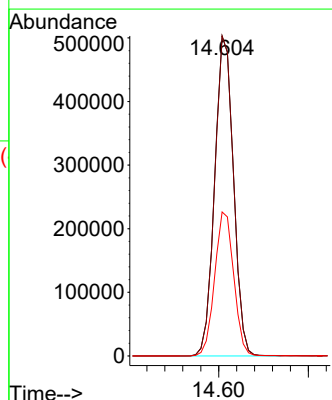
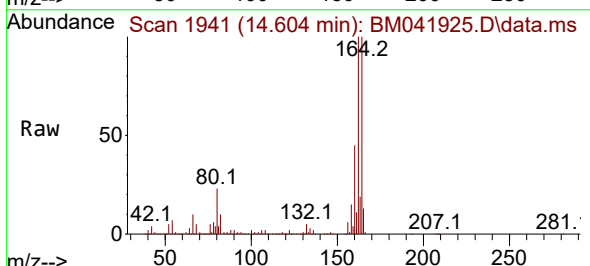
Instrument :
BNA_M
ClientSampleId :
PILE-1

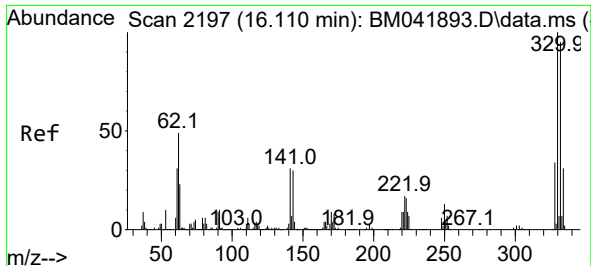
Tgt Ion: 82 Resp: 1585959
Ion Ratio Lower Upper
82 100
128 41.0 33.8 50.6
54 54.1 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041925.D
Acq: 20 Sep 2023 04:41

Tgt Ion: 164 Resp: 732083
Ion Ratio Lower Upper
164 100
162 100.1 79.3 118.9
160 45.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.099 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041925.D

Acq: 20 Sep 2023 04:41

Instrument :

BNA_M

ClientSampleId :

PILE-1

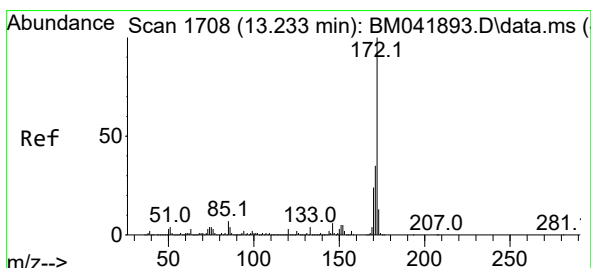
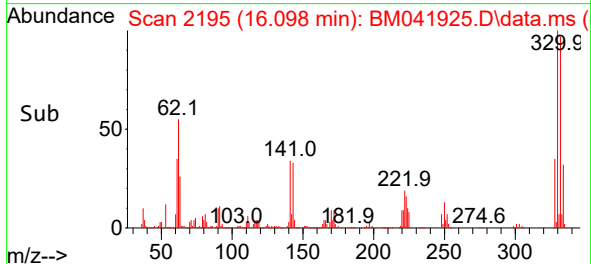
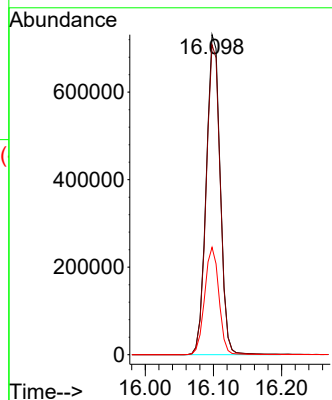
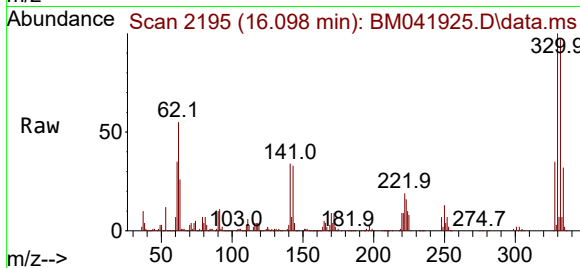
Tgt Ion:330 Resp: 1042206

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

141 34.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.708 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041925.D

Acq: 20 Sep 2023 04:41

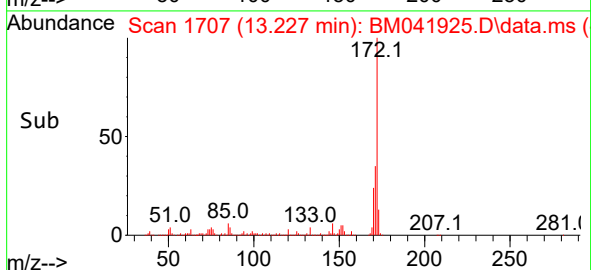
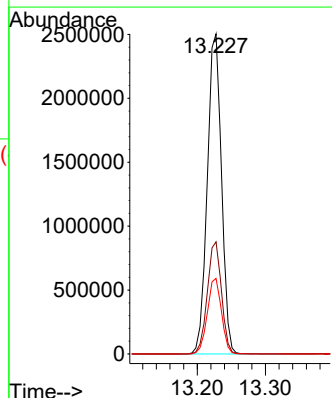
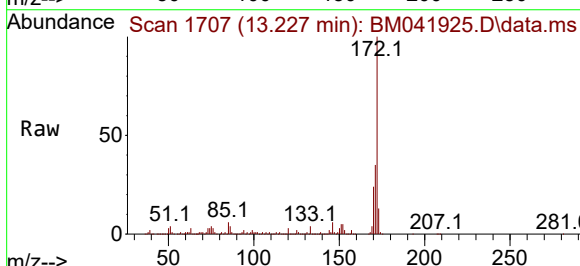
Tgt Ion:172 Resp: 3626491

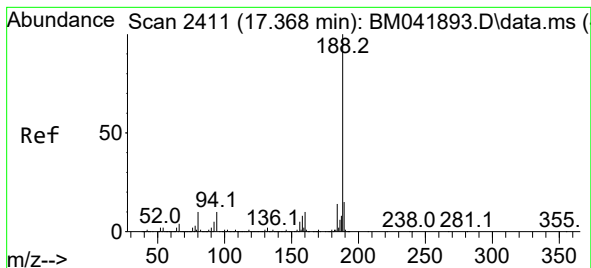
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041925.D

Acq: 20 Sep 2023 04:41

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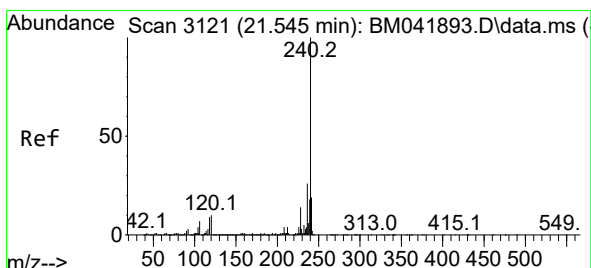
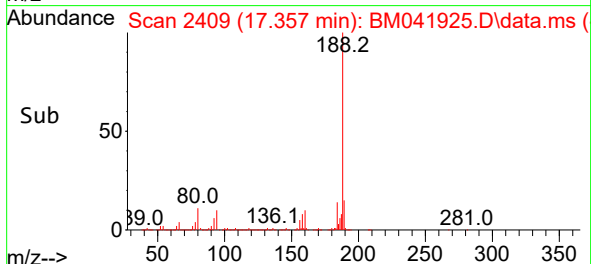
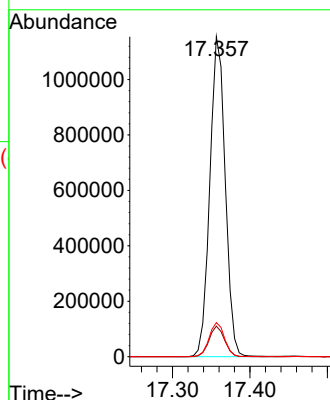
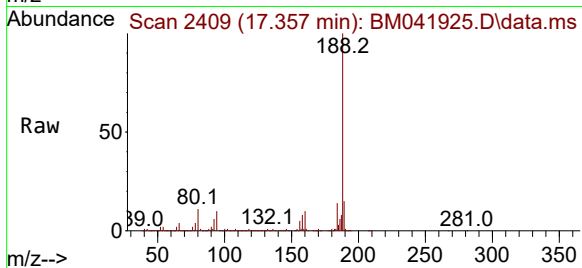
Tgt Ion:188 Resp: 1594305

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.6 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.018 min

Lab File: BM041925.D

Acq: 20 Sep 2023 04:41

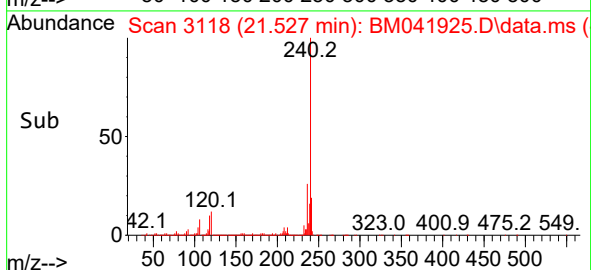
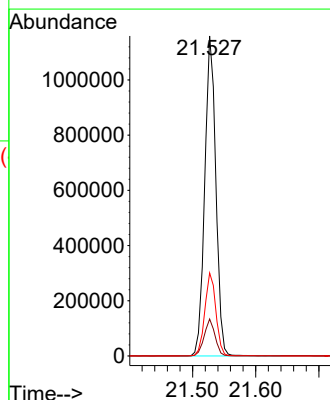
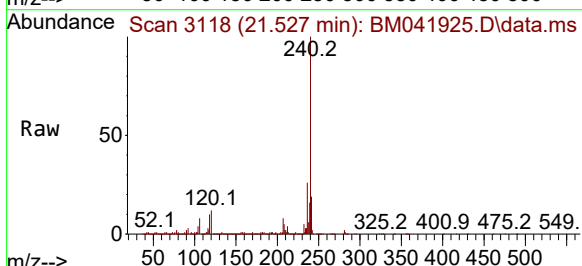
Tgt Ion:240 Resp: 1420353

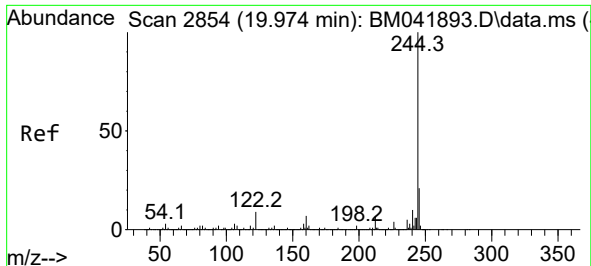
Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

236 25.9 20.7 31.1

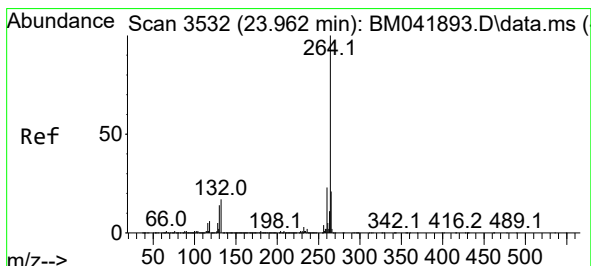
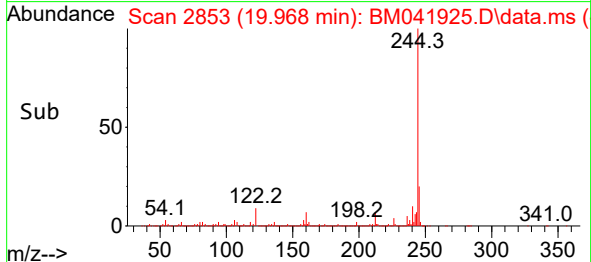
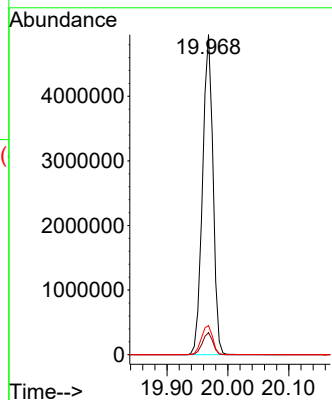
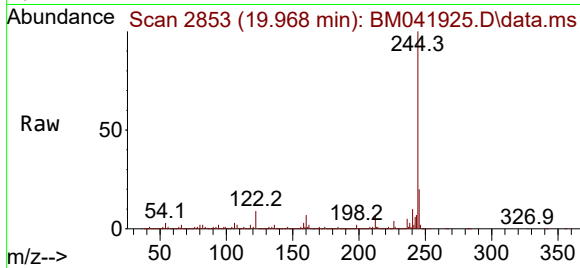




#79
 Terphenyl-d14
 Concen: 75.731 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041925.D
 Acq: 20 Sep 2023 04:41

Instrument :
 BNA_M
 ClientSampleId :
 PILE-1

Tgt Ion:244 Resp: 5905975
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 3529
 Delta R.T. -0.018 min
 Lab File: BM041925.D
 Acq: 20 Sep 2023 04:41

Tgt Ion:264 Resp: 1393670
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.5 17.0 25.6

