

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041928.D
 Acq On : 20 Sep 2023 06:29
 Operator : MA/JU
 Sample : 04433-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-2

Quant Time: Sep 20 07:02:47 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	7.957	152	253031	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1017985	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	659373	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1426192	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1275979	20.000	ng	-0.02
86) Perylene-d12	23.945	264	1262014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1901146	125.145	ng	0.00
7) Phenol-d6	7.104	99	2507119	118.860	ng	0.00
23) Nitrobenzene-d5	9.151	82	1512805	75.664	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	959794	116.664	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	3349313	74.556	ng	0.00
79) Terphenyl-d14	19.968	244	5337540	76.186	ng	0.00

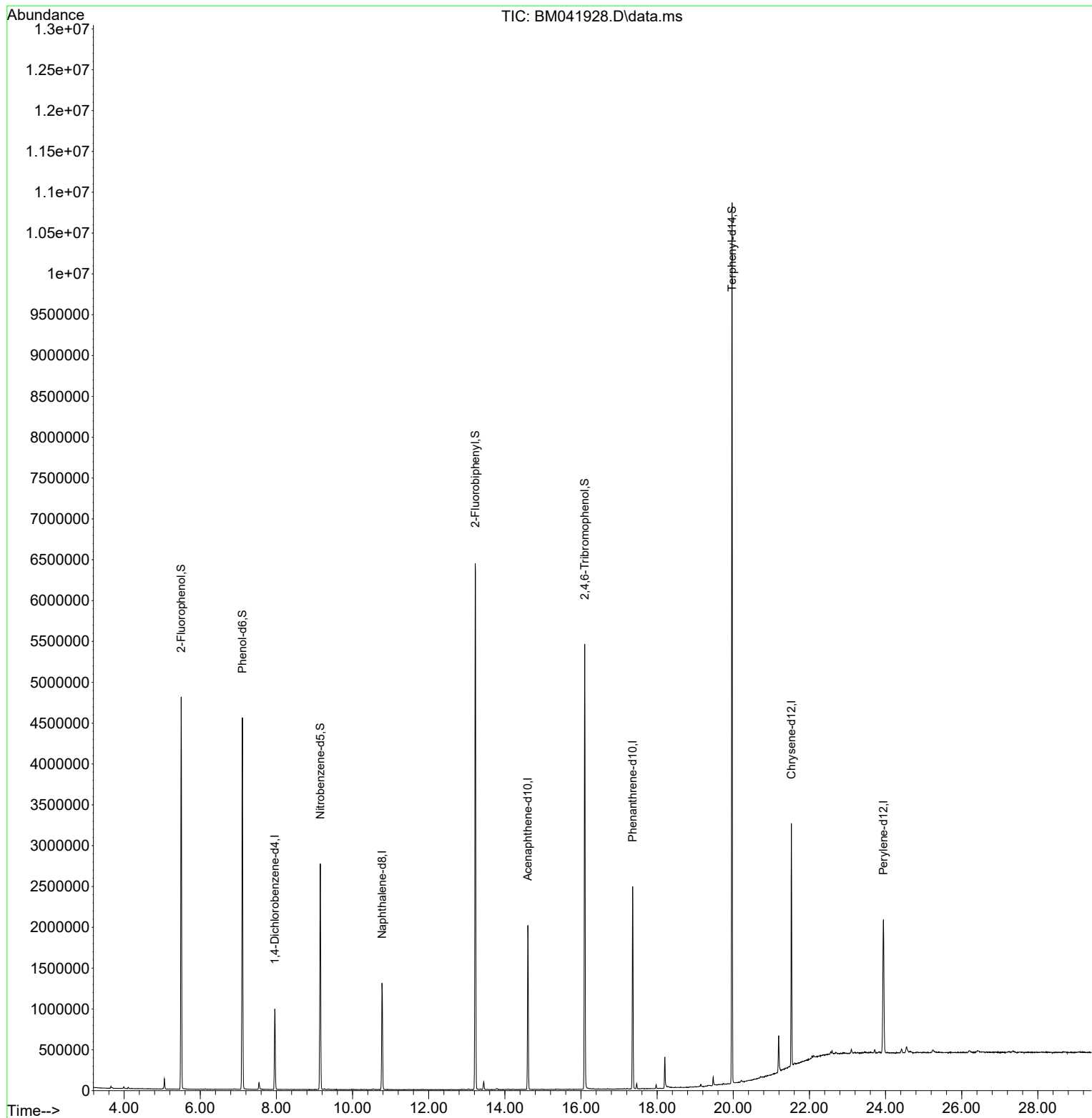
Target Compounds	Qvalue

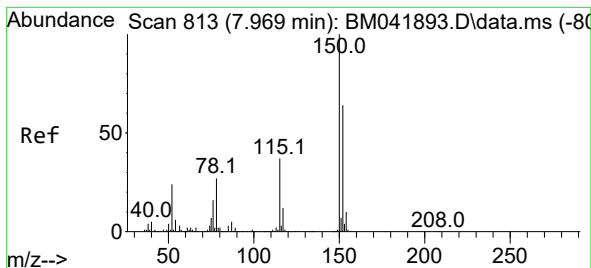
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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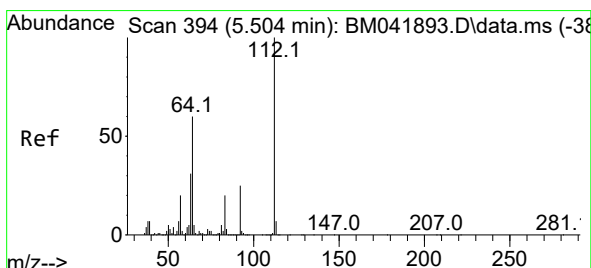
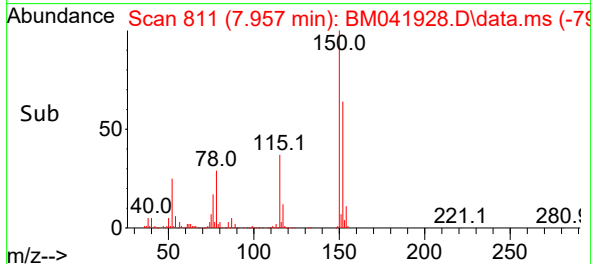
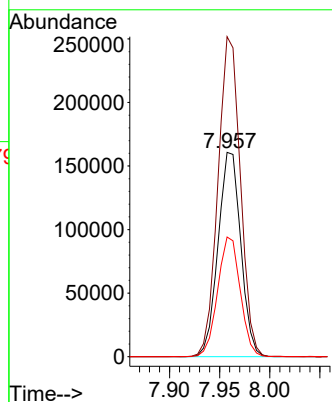
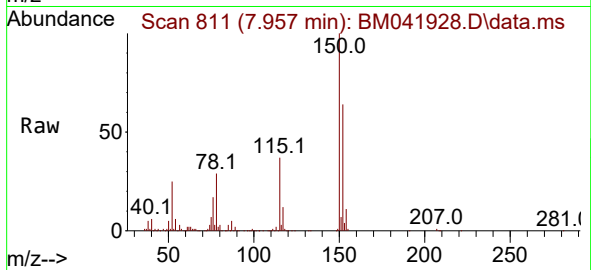




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

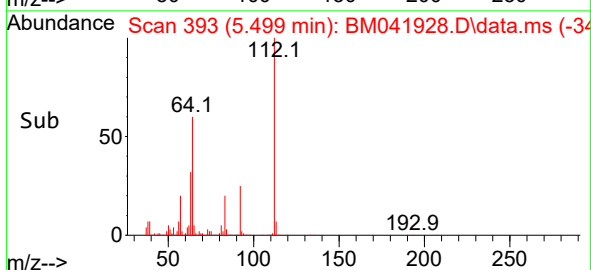
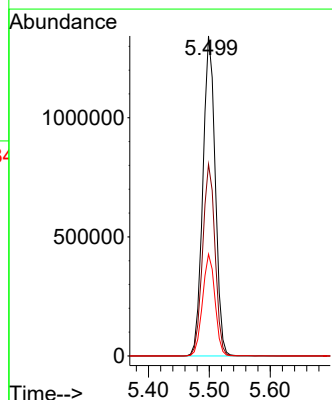
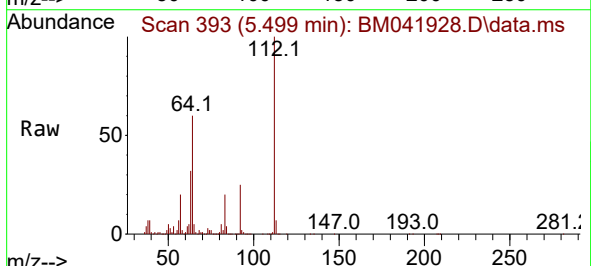
Instrument :
BNA_M
ClientSampleId :
PILE-2

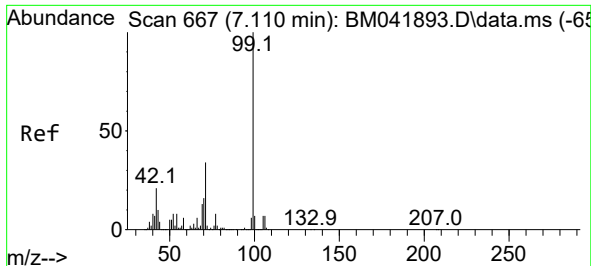
Tgt Ion:152 Resp: 253031
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 58.6 46.8 70.2



#5
2-Fluorophenol
Concen: 125.145 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

Tgt Ion:112 Resp: 1901146
Ion Ratio Lower Upper
112 100
64 59.9 48.1 72.1
63 31.8 25.0 37.6

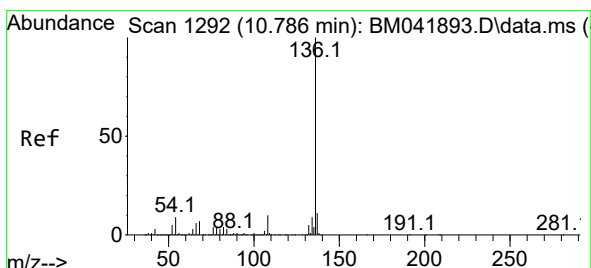
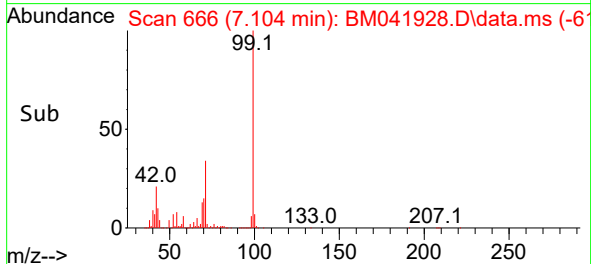
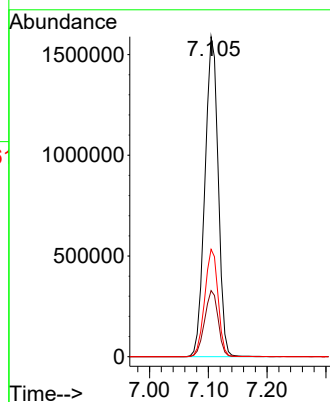
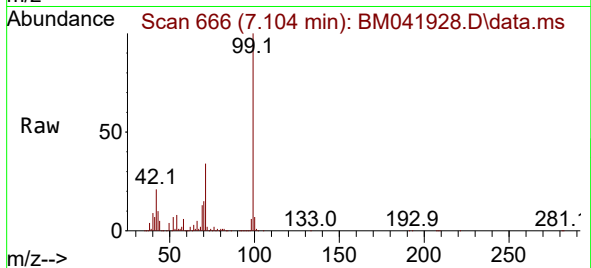




#7
Phenol-d6
Concen: 118.860 ng
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

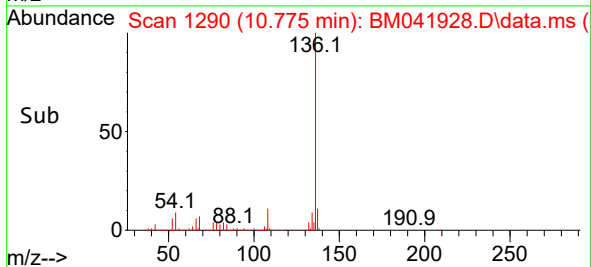
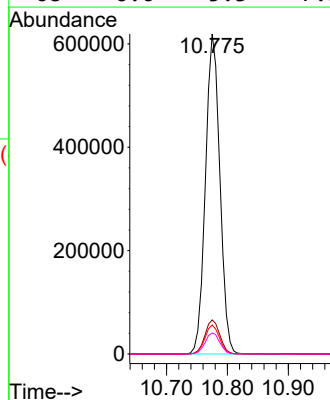
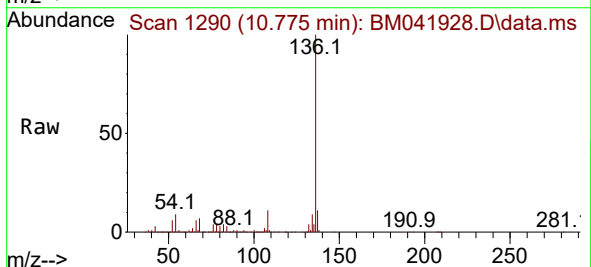
Instrument :
BNA_M
ClientSampleId :
PILE-2

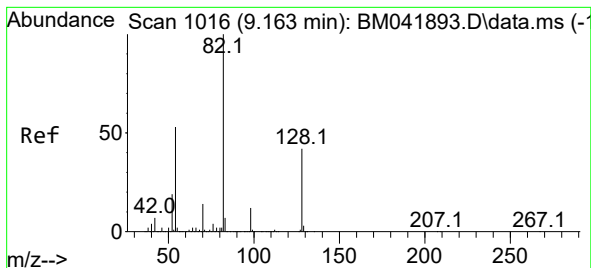
Tgt Ion: 99 Resp: 2507119
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.6 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

Tgt Ion:136 Resp: 1017985
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 7.0 10.4
68 6.6 5.3 7.9

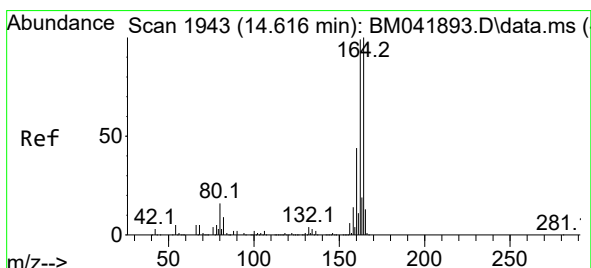
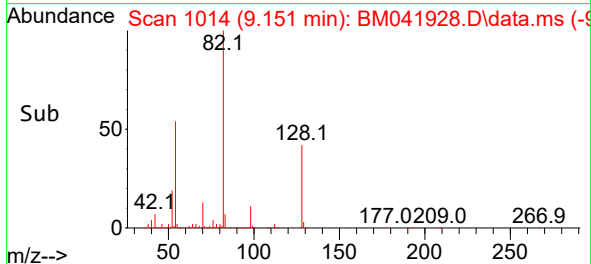
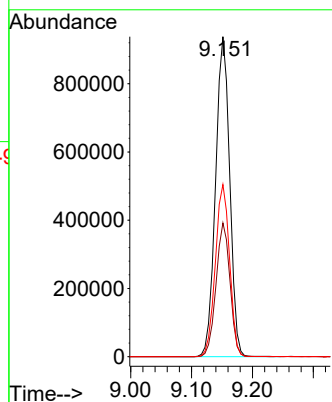
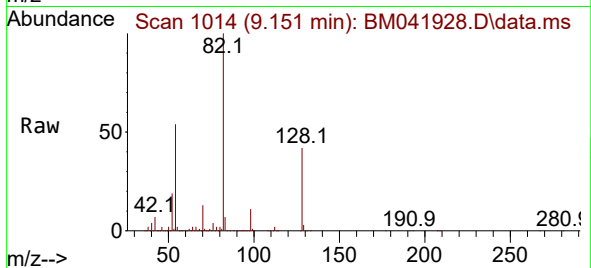




#23
Nitrobenzene-d5
Concen: 75.664 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

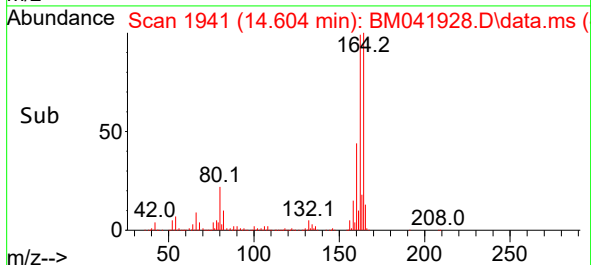
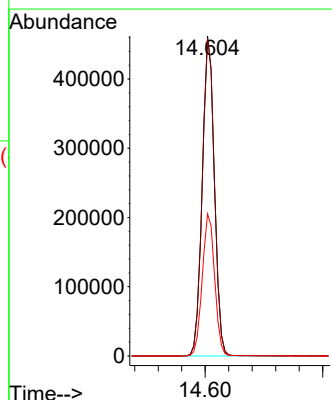
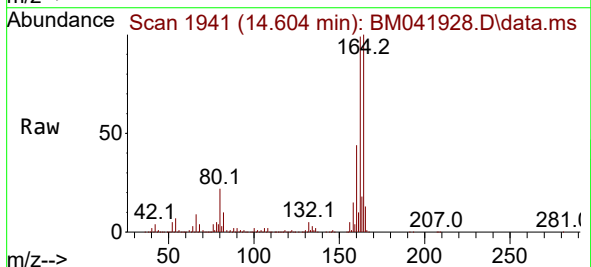
Instrument :
BNA_M
ClientSampleId :
PILE-2

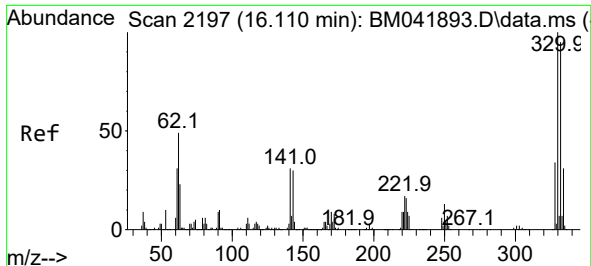
Tgt Ion: 82 Resp: 1512805
Ion Ratio Lower Upper
82 100
128 41.8 33.8 50.6
54 53.8 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041928.D
Acq: 20 Sep 2023 06:29

Tgt Ion: 164 Resp: 659373
Ion Ratio Lower Upper
164 100
162 99.3 79.3 118.9
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 116.664 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041928.D

Acq: 20 Sep 2023 06:29

Instrument :

BNA_M

ClientSampleId :

PILE-2

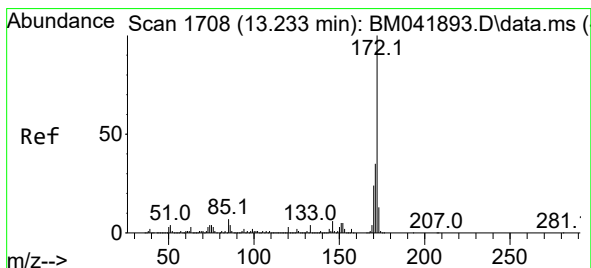
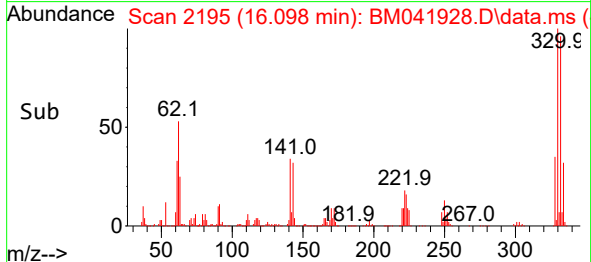
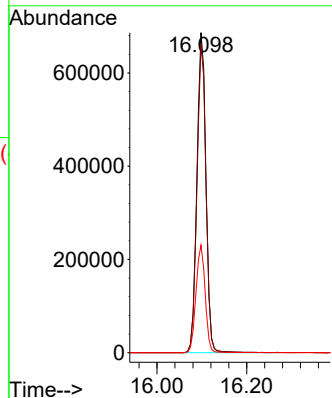
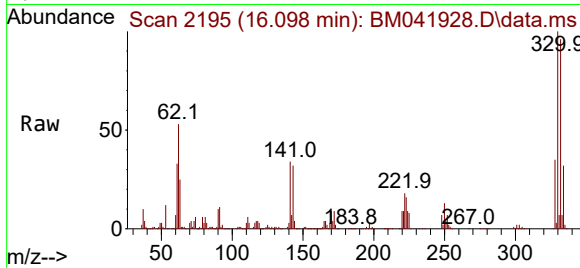
Tgt Ion:330 Resp: 959794

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

141 34.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 74.556 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041928.D

Acq: 20 Sep 2023 06:29

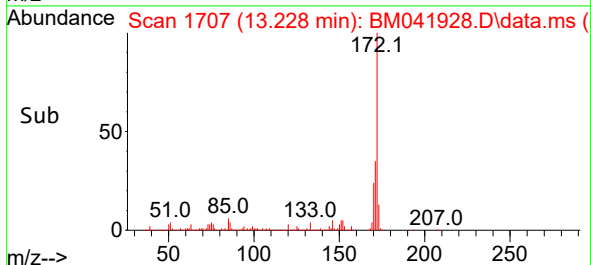
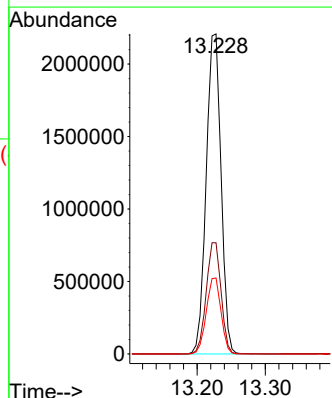
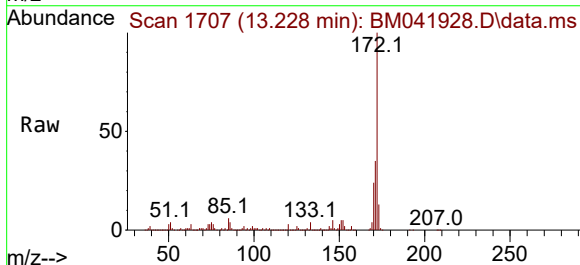
Tgt Ion:172 Resp: 3349313

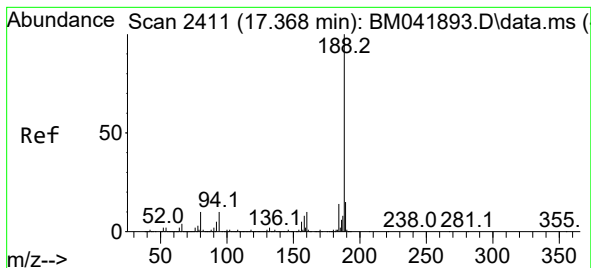
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.7 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: BM041928.D

Acq: 20 Sep 2023 06:29

Instrument :

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ClientSampleId :

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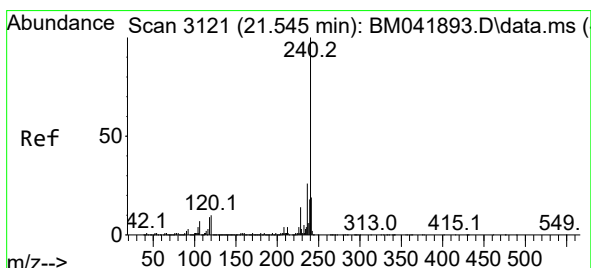
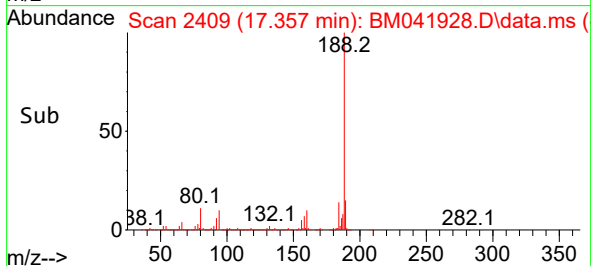
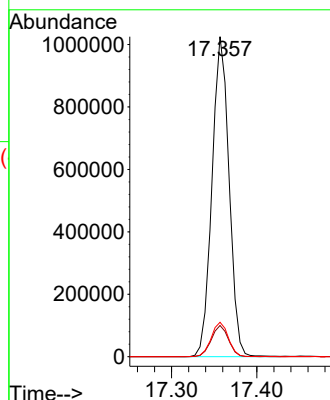
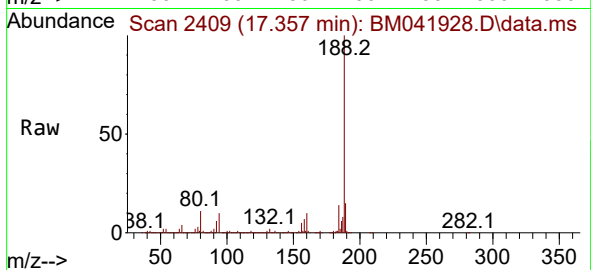
Tgt Ion:188 Resp: 1426192

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.017 min

Lab File: BM041928.D

Acq: 20 Sep 2023 06:29

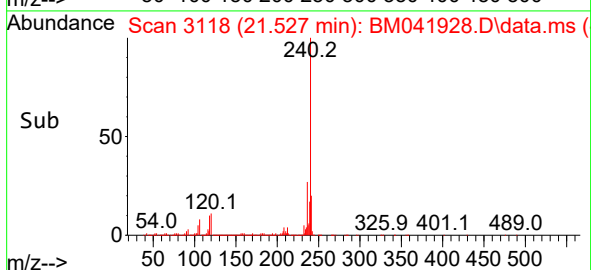
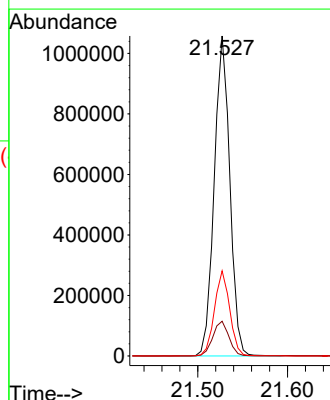
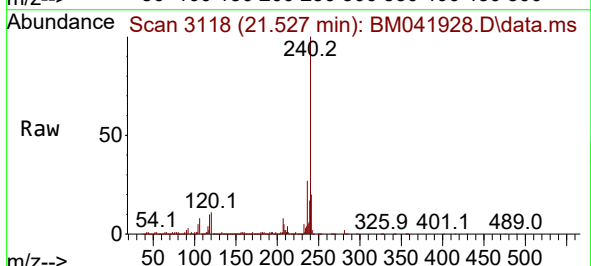
Tgt Ion:240 Resp: 1275979

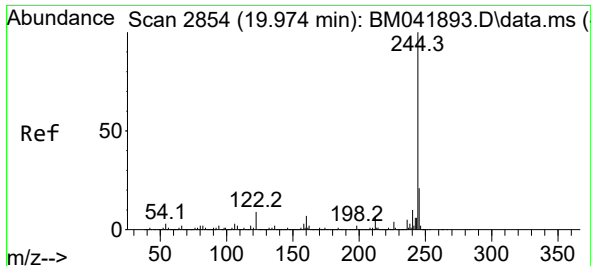
Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

236 26.6 20.7 31.1

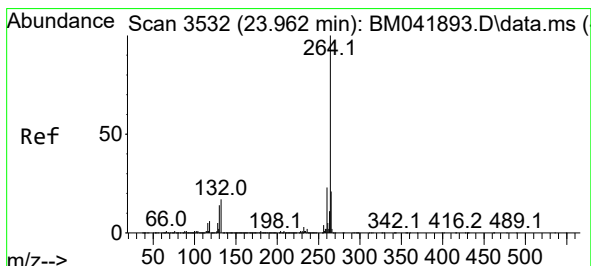
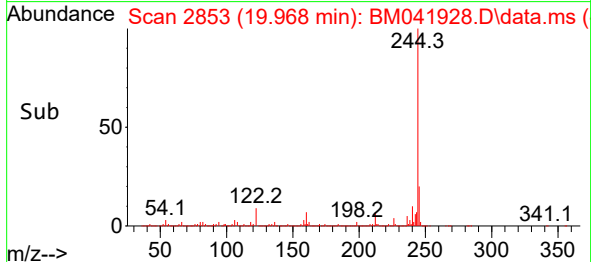
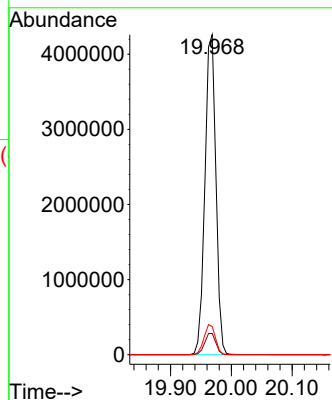
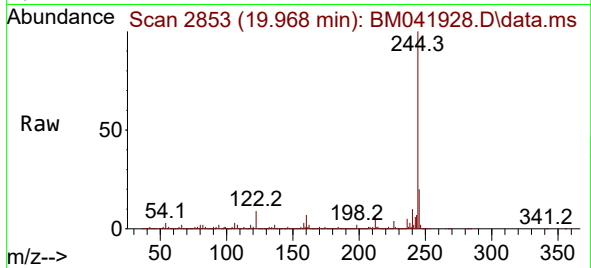




#79
 Terphenyl-d14
 Concen: 76.186 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041928.D
 Acq: 20 Sep 2023 06:29

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 5337540
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 8.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.945 min Scan# 3529
 Delta R.T. -0.017 min
 Lab File: BM041928.D
 Acq: 20 Sep 2023 06:29

Tgt Ion:264 Resp: 1262014
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.4 17.0 25.6

