

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041948.D
 Acq On : 20 Sep 2023 21:06
 Operator : MA/JU
 Sample : 04453-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B102-07

Quant Time: Sep 21 03:17:06 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	295625	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1218638	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	769263	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1616661	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1227666	20.000	ng	-0.02
86) Perylene-d12	23.945	264	1109337	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2128976	119.950	ng	0.00
7) Phenol-d6	7.105	99	2906176	117.928	ng	0.00
23) Nitrobenzene-d5	9.151	82	1752248	73.210	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1049994	109.396	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	3783492	72.190	ng	-0.01
79) Terphenyl-d14	19.968	244	5095220	75.590	ng	0.00

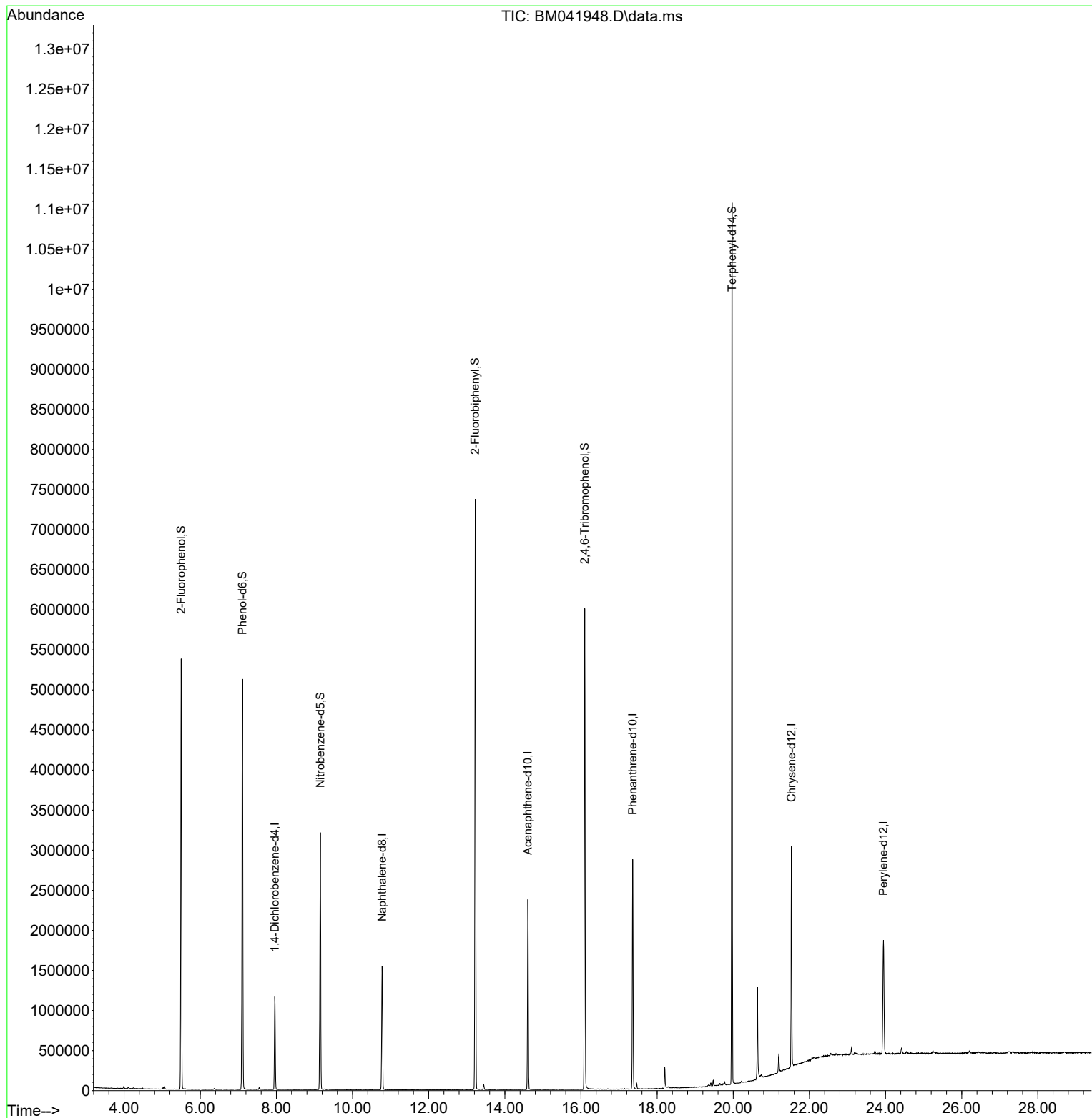
Target Compounds	Qvalue

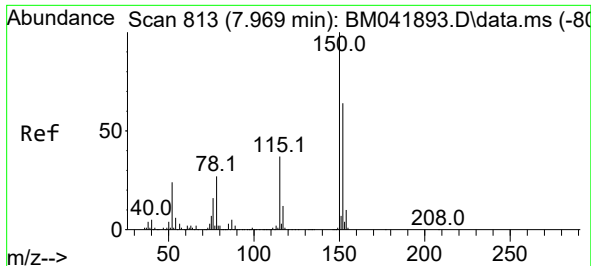
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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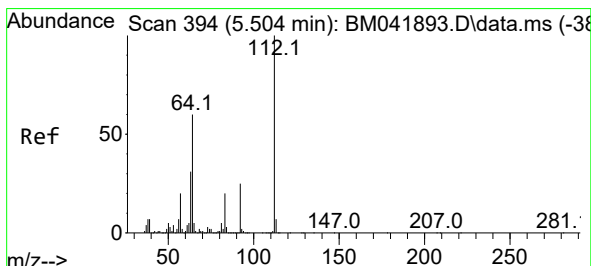
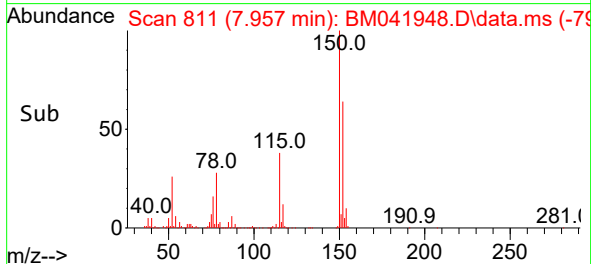
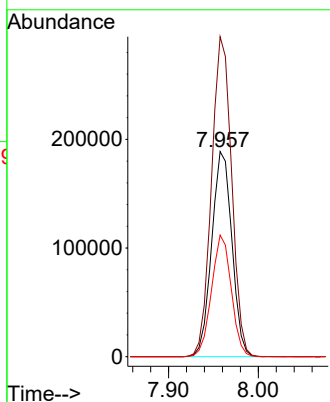
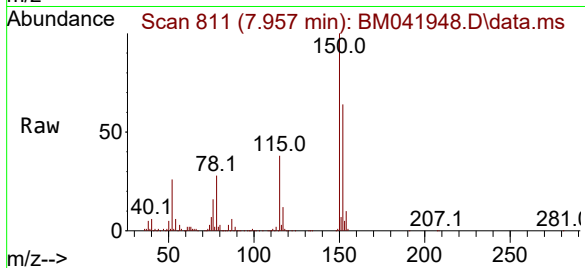




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

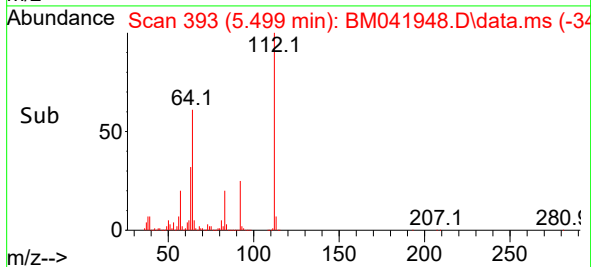
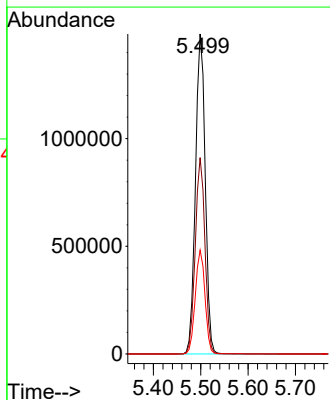
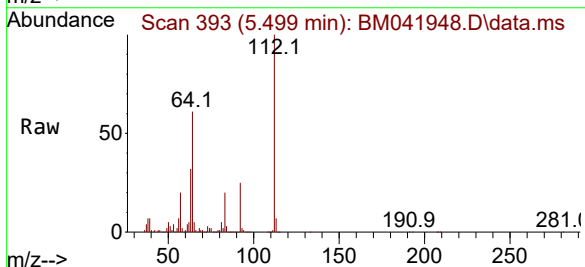
Instrument :
BNA_M
ClientSampleId :
B102-07

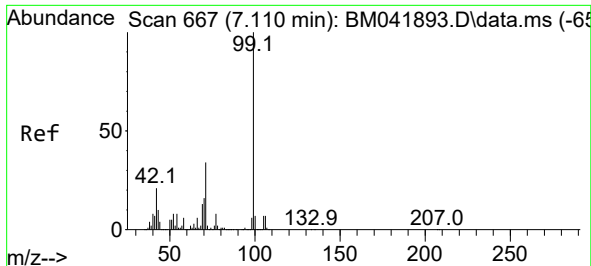
Tgt Ion:152 Resp: 295625
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 59.3 46.8 70.2



#5
2-Fluorophenol
Concen: 119.950 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

Tgt Ion:112 Resp: 2128976
Ion Ratio Lower Upper
112 100
64 61.4 48.1 72.1
63 32.5 25.0 37.6

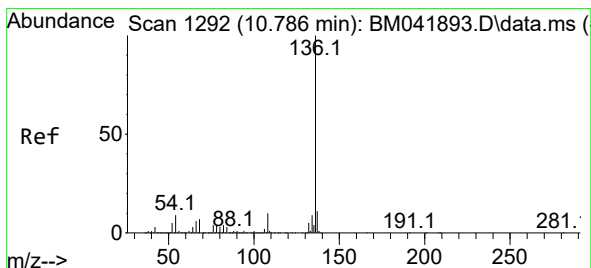
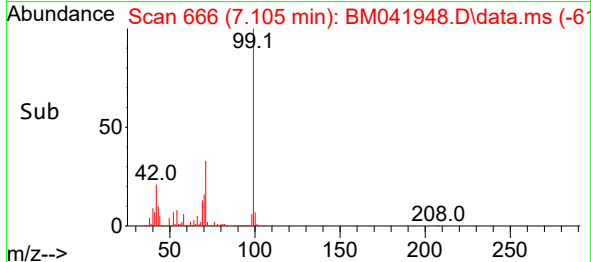
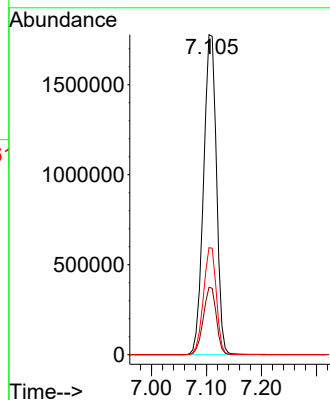
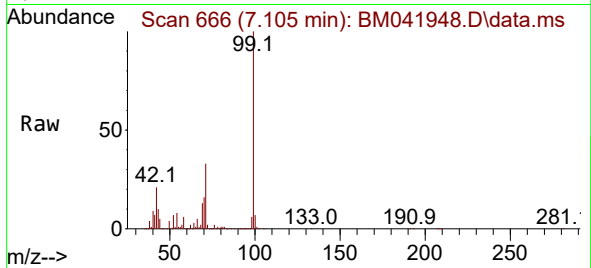




#7
Phenol-d6
Concen: 117.928 ng
RT: 7.105 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

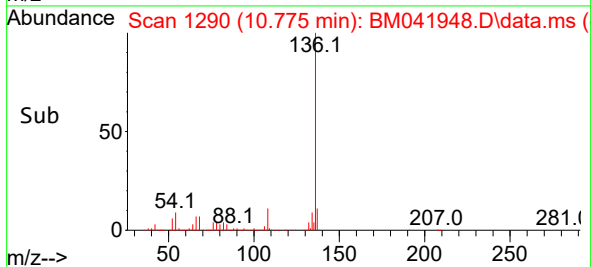
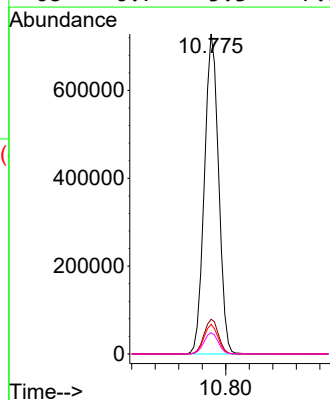
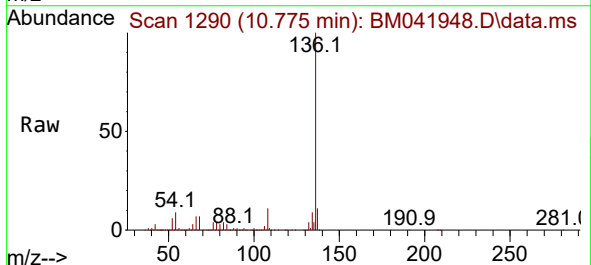
Instrument :
BNA_M
ClientSampleId :
B102-07

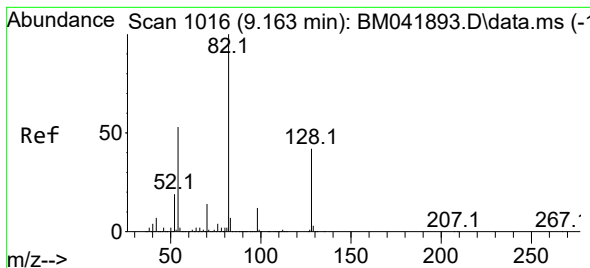
Tgt Ion: 99 Resp: 2906176
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 33.5 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

Tgt Ion:136 Resp: 1218638
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.0 10.4
68 6.7 5.3 7.9

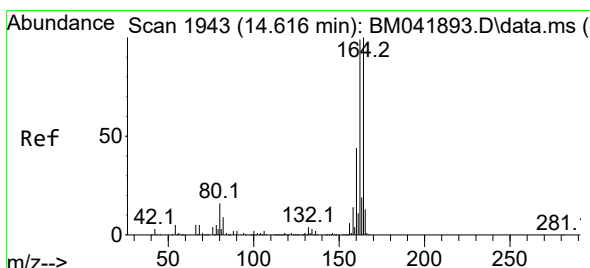
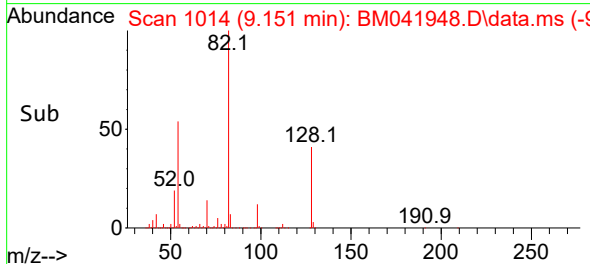
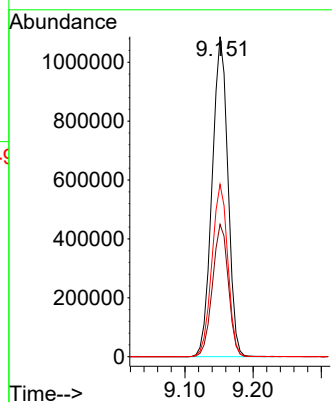
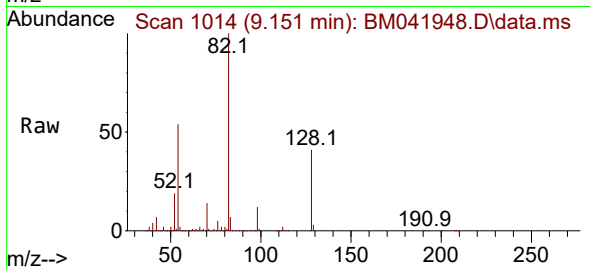




#23
Nitrobenzene-d5
Concen: 73.210 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

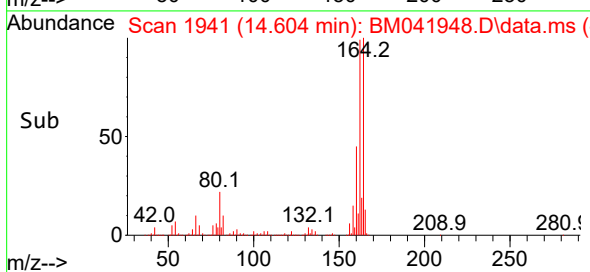
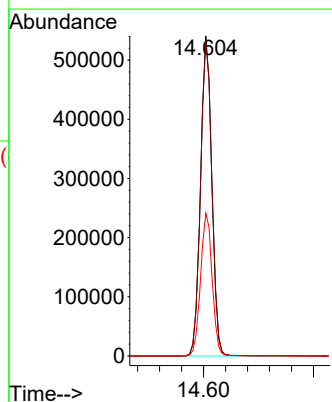
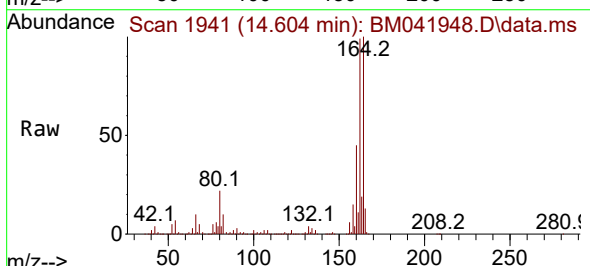
Instrument :
BNA_M
ClientSampleId :
B102-07

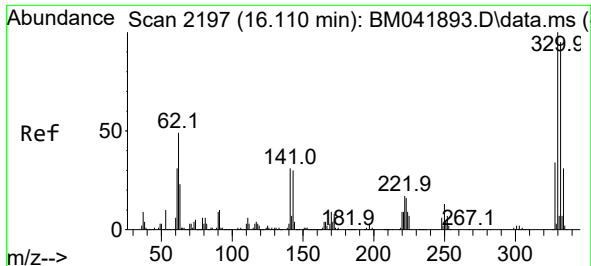
Tgt Ion: 82 Resp: 1752248
Ion Ratio Lower Upper
82 100
128 41.4 33.8 50.6
54 53.9 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041948.D
Acq: 20 Sep 2023 21:06

Tgt Ion: 164 Resp: 769263
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 109.396 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041948.D

Acq: 20 Sep 2023 21:06

Instrument :

BNA_M

ClientSampleId :

B102-07

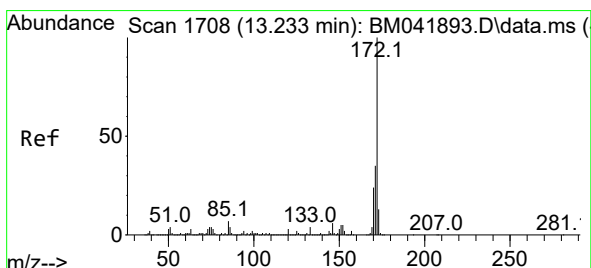
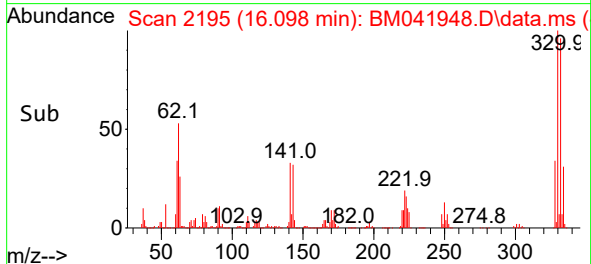
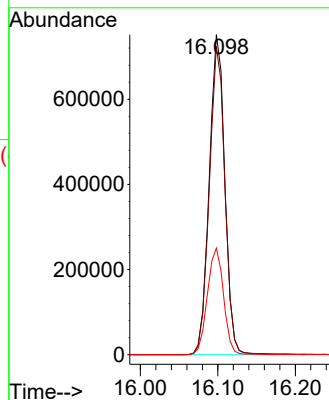
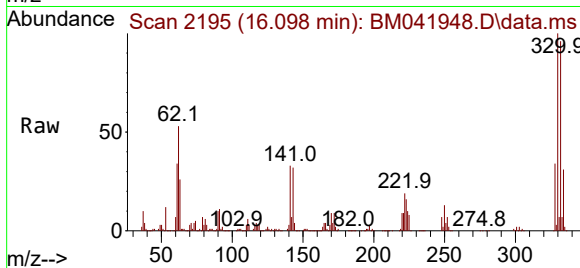
Tgt Ion:330 Resp: 1049994

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 34.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.190 ng

RT: 13.222 min Scan# 1706

Delta R.T. -0.012 min

Lab File: BM041948.D

Acq: 20 Sep 2023 21:06

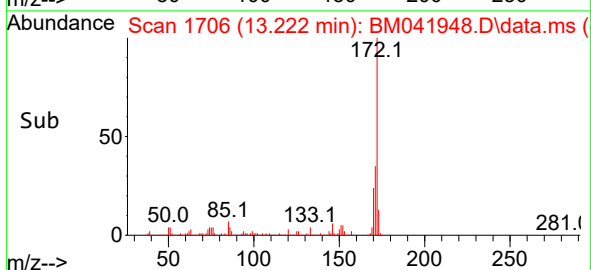
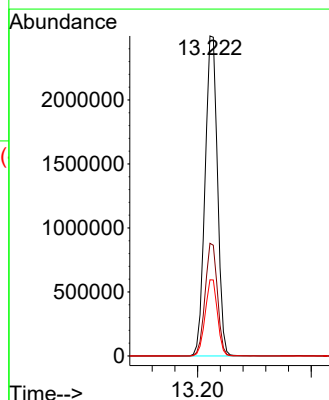
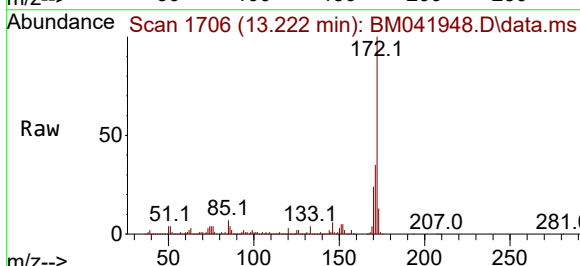
Tgt Ion:172 Resp: 3783492

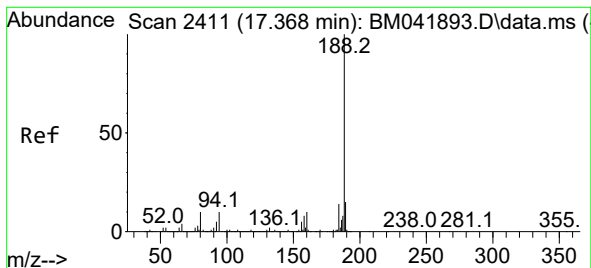
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.8 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: BM041948.D

Acq: 20 Sep 2023 21:06

Instrument :

BNA_M

ClientSampleId :

B102-07

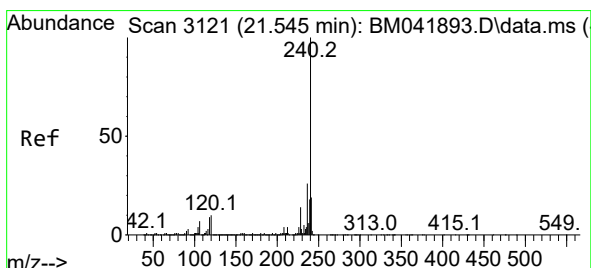
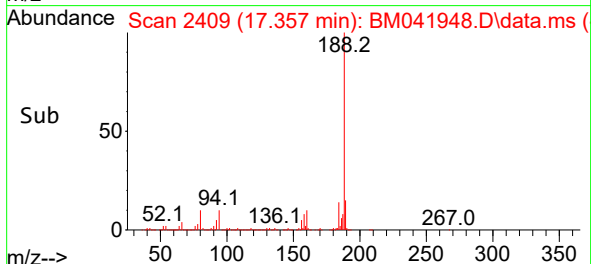
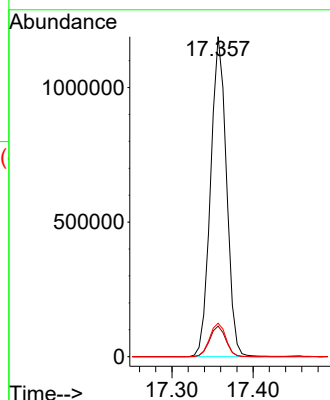
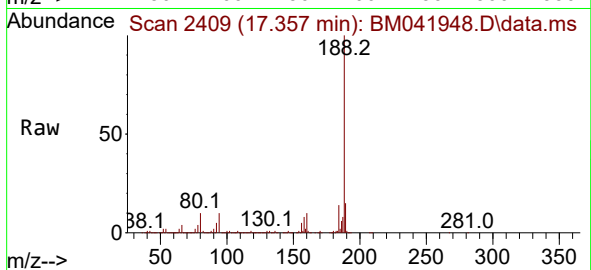
Tgt Ion:188 Resp: 1616661

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.5 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: BM041948.D

Acq: 20 Sep 2023 21:06

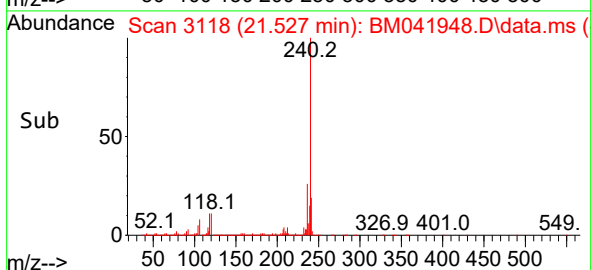
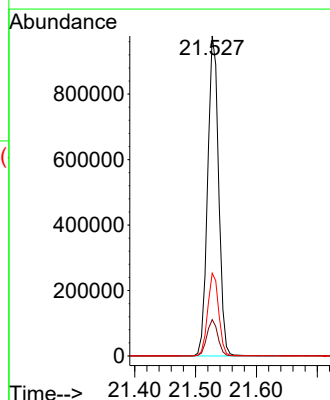
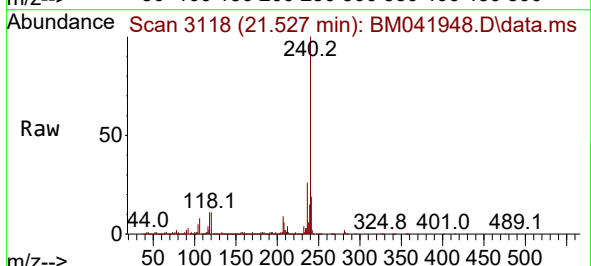
Tgt Ion:240 Resp: 1227666

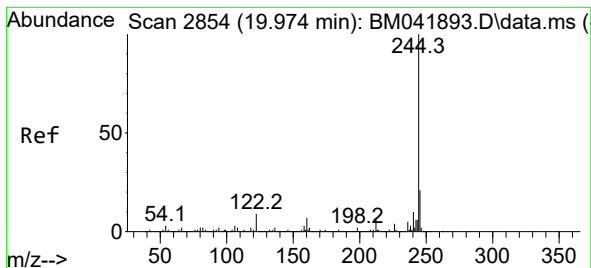
Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 75.590 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041948.D

Acq: 20 Sep 2023 21:06

Instrument :

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B102-07

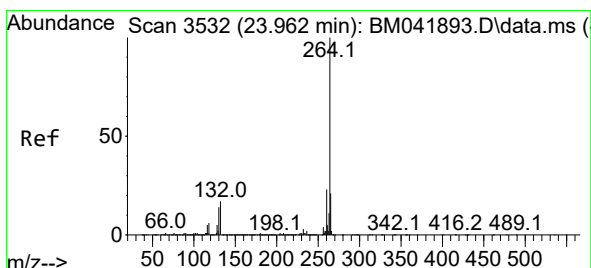
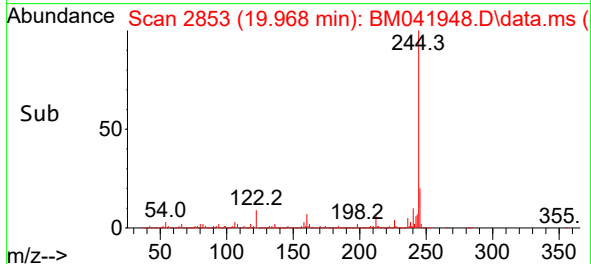
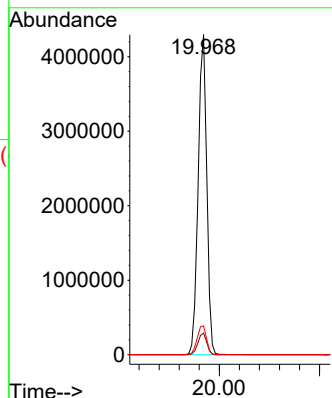
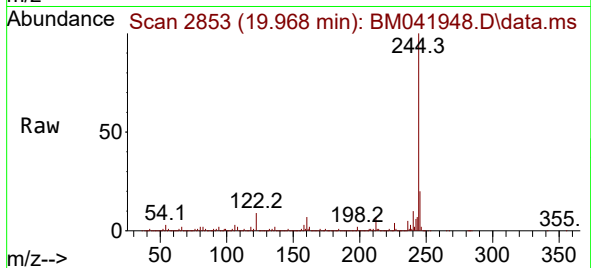
Tgt Ion:244 Resp: 5095220

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.0 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: BM041948.D

Acq: 20 Sep 2023 21:06

Tgt Ion:264 Resp: 1109337

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.0 25.6

