

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041937.D
 Acq On : 20 Sep 2023 14:21
 Operator : MA/JU
 Sample : 04299-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Quant Time: Sep 20 15:34:11 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	324934	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1350246	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	876866	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1904092	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1745775	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1702598	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1086344	55.686	ng	0.00
7) Phenol-d6	7.104	99	1104622	40.781	ng	0.00
23) Nitrobenzene-d5	9.151	82	2446388	92.249	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1111650	101.607	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	5485140	91.815	ng	0.00
79) Terphenyl-d14	19.968	244	8589027	89.606	ng	0.00

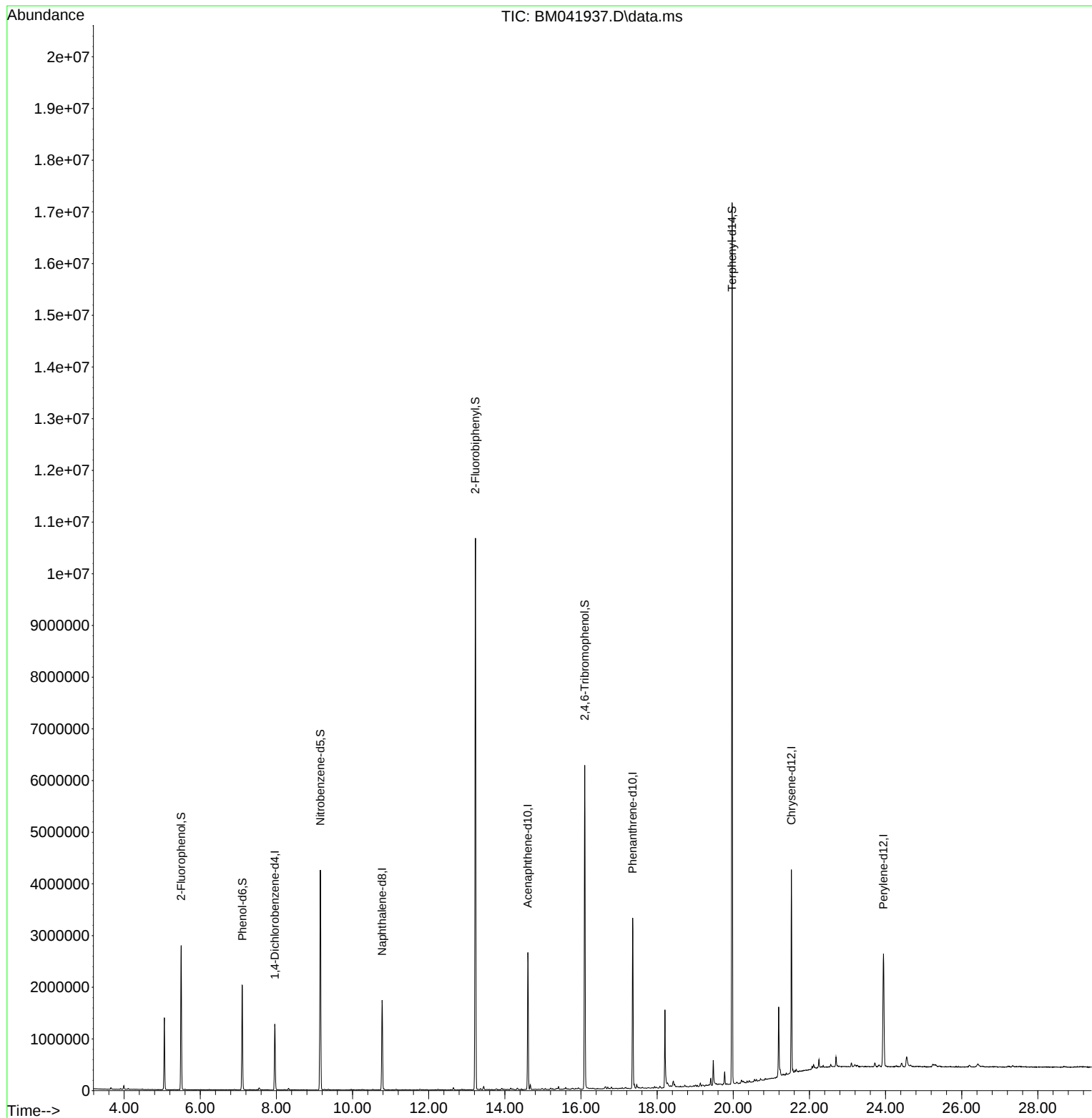
Target Compounds	Qvalue

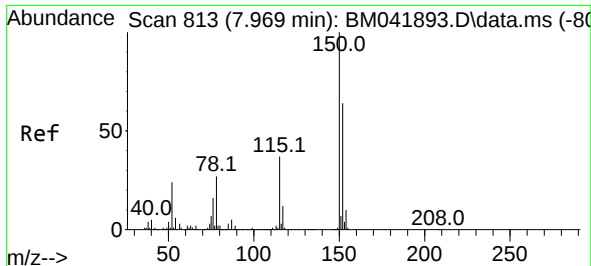
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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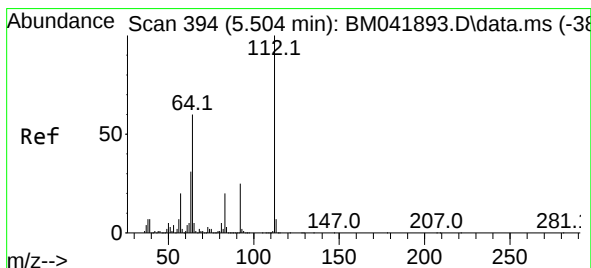
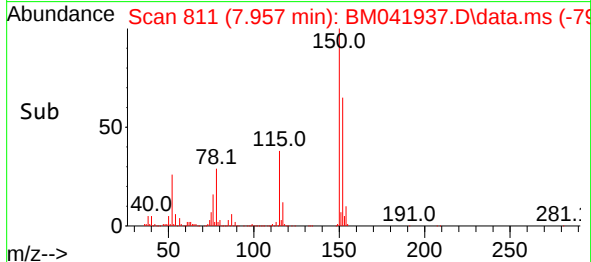
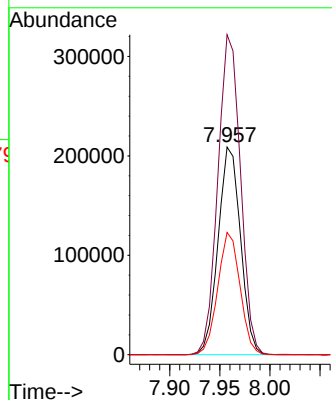
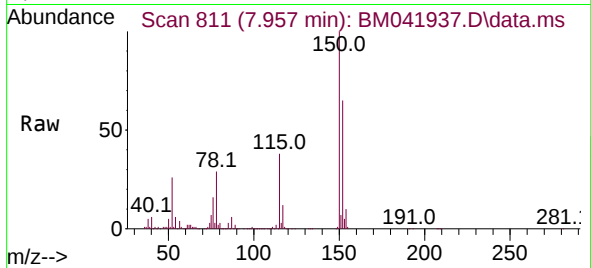




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041937.D
Acq: 20 Sep 2023 14:21

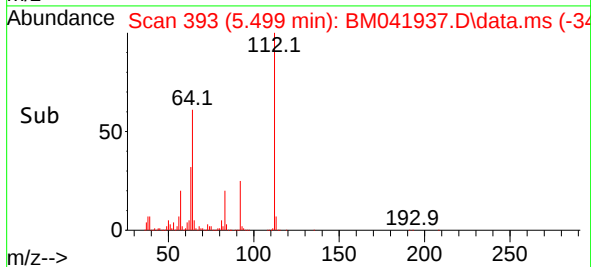
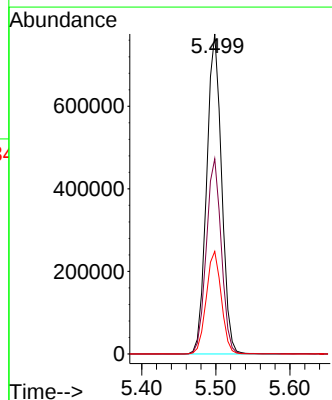
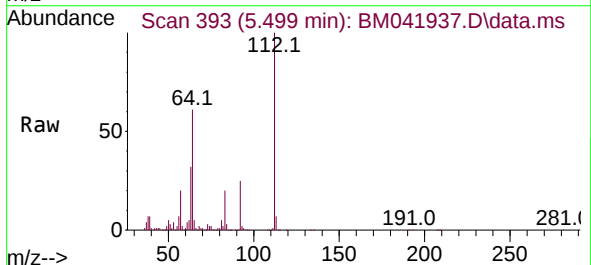
Instrument :
BNA_M
ClientSampleId :
MW-01RE

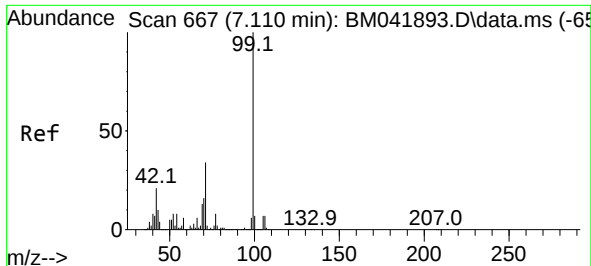
Tgt Ion:152 Resp: 324934
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 58.9 46.8 70.2



#5
2-Fluorophenol
Concen: 55.686 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041937.D
Acq: 20 Sep 2023 14:21

Tgt Ion:112 Resp: 1086344
Ion Ratio Lower Upper
112 100
64 61.0 48.1 72.1
63 32.0 25.0 37.6

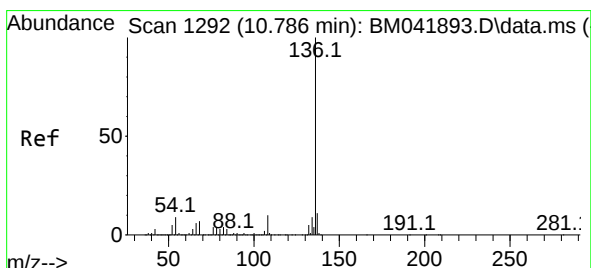
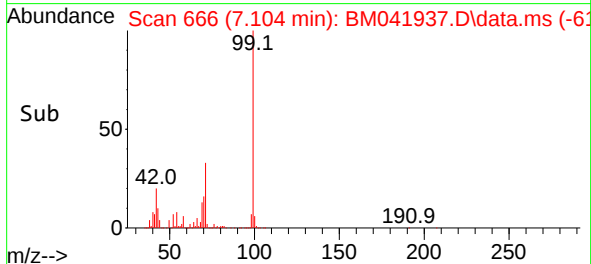
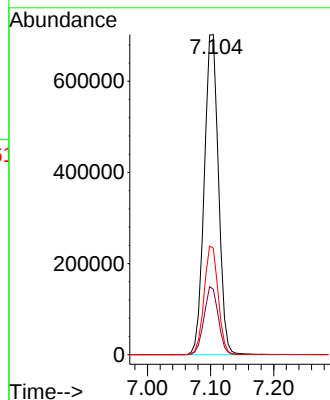
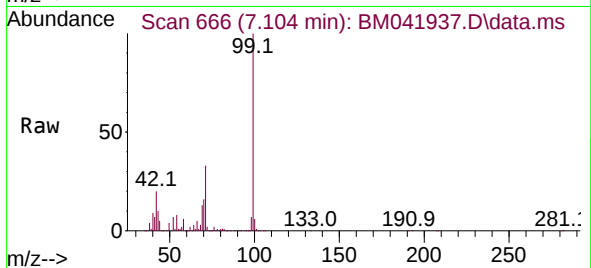




#7
Phenol-d6
Concen: 40.781 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041937.D
Acq: 20 Sep 2023 14:21

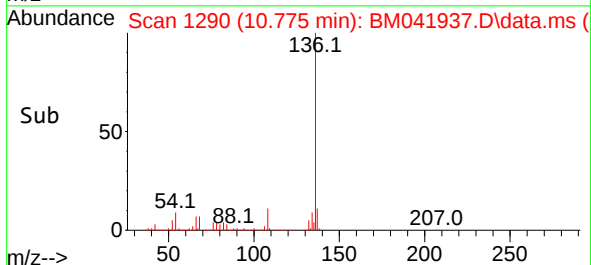
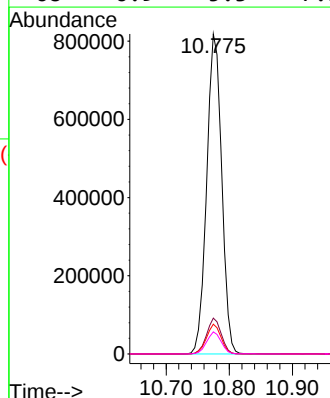
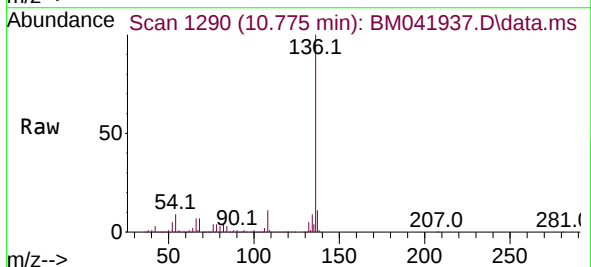
Instrument :
BNA_M
ClientSampleId :
MW-01RE

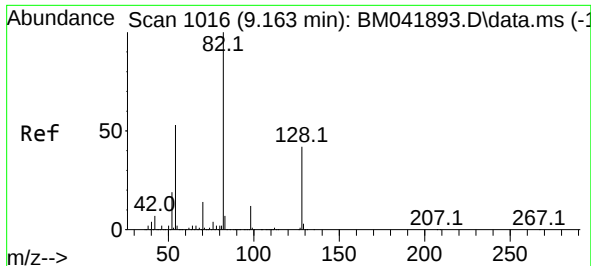
Tgt Ion: 99 Resp: 1104622
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 33.3 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041937.D
Acq: 20 Sep 2023 14:21

Tgt Ion: 136 Resp: 1350246
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.3 7.0 10.4
68 6.9 5.3 7.9





#23

Nitrobenzene-d5

Concen: 92.249 ng

RT: 9.151 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041937.D

Acq: 20 Sep 2023 14:21

Instrument :

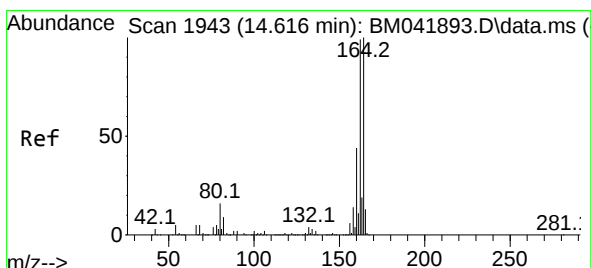
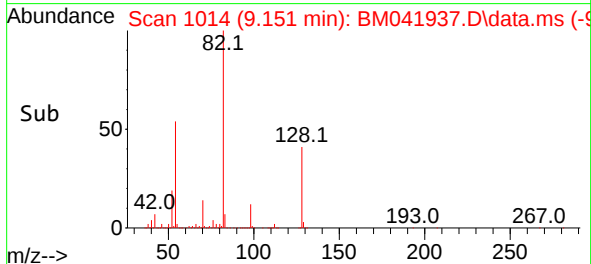
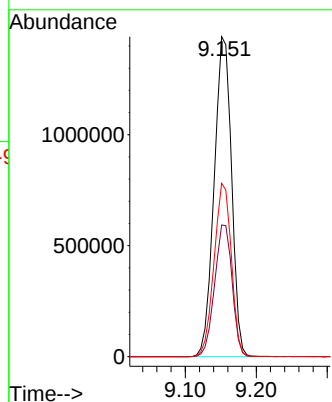
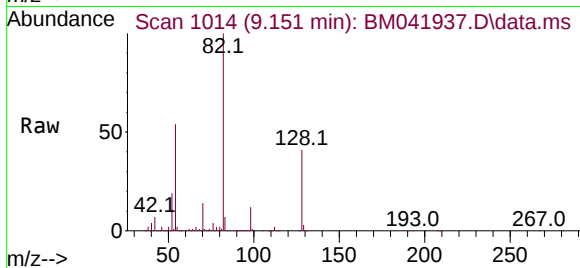
BNA_M

ClientSampleId :

MW-01RE

Tgt Ion: 82 Resp: 2446388

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.8	50.6
54	54.2	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

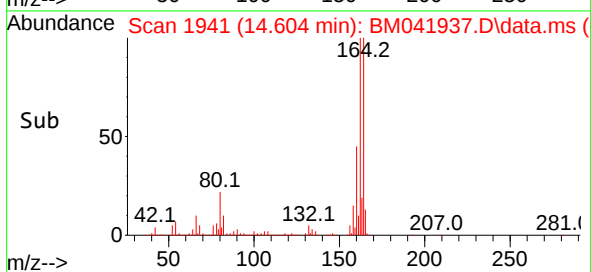
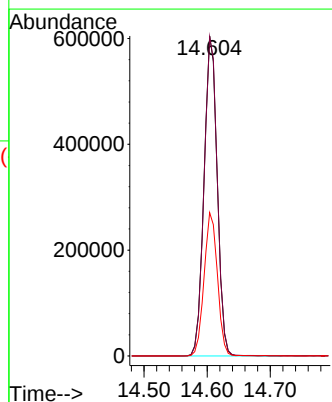
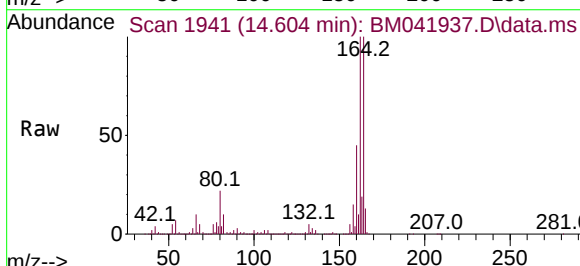
Delta R.T. -0.012 min

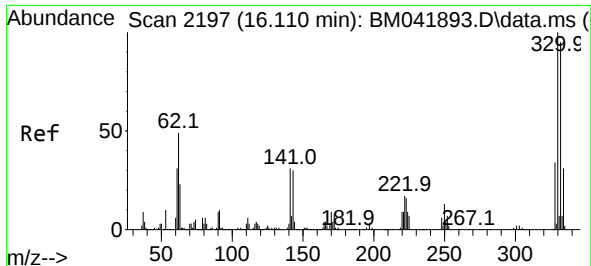
Lab File: BM041937.D

Acq: 20 Sep 2023 14:21

Tgt Ion: 164 Resp: 876866

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.3	118.9
160	44.8	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 101.607 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041937.D

Acq: 20 Sep 2023 14:21

Instrument :

BNA_M

ClientSampleId :

MW-01RE

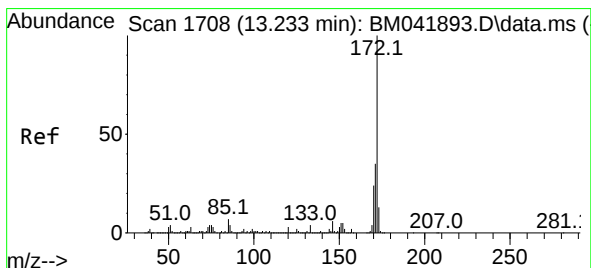
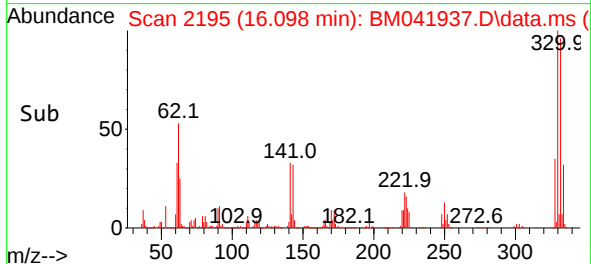
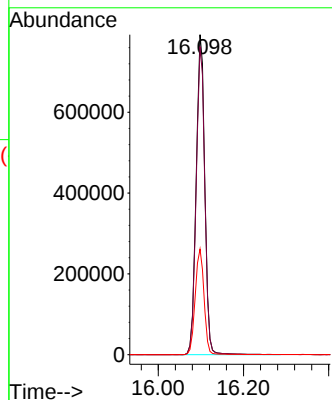
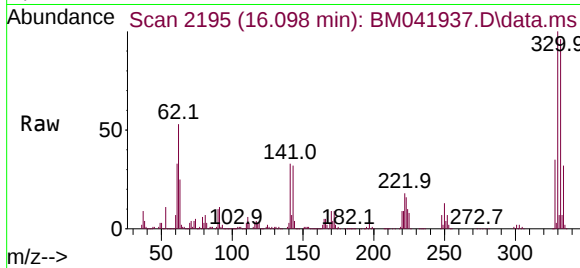
Tgt Ion:330 Resp: 1111650

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 33.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 91.815 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041937.D

Acq: 20 Sep 2023 14:21

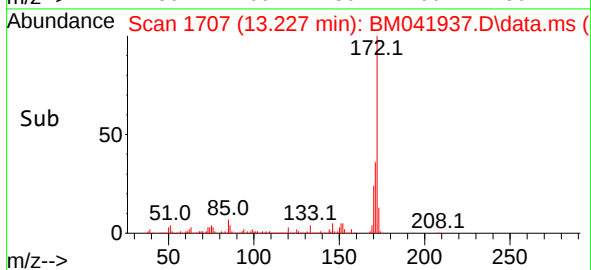
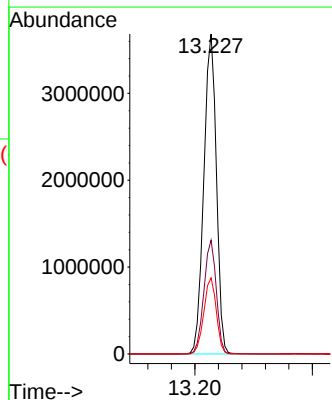
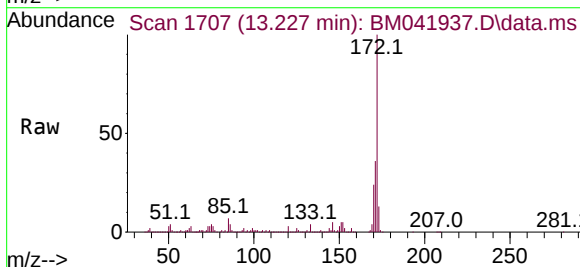
Tgt Ion:172 Resp: 5485140

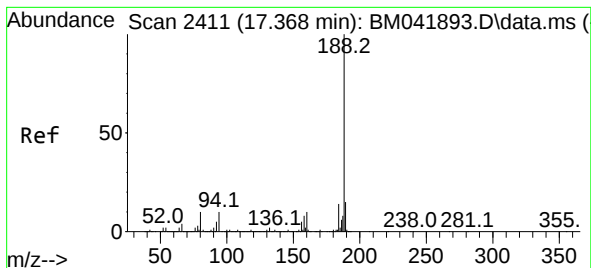
Ion Ratio Lower Upper

172 100

171 35.6 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: BM041937.D

Acq: 20 Sep 2023 14:21

Instrument :

BNA_M

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MW-01RE

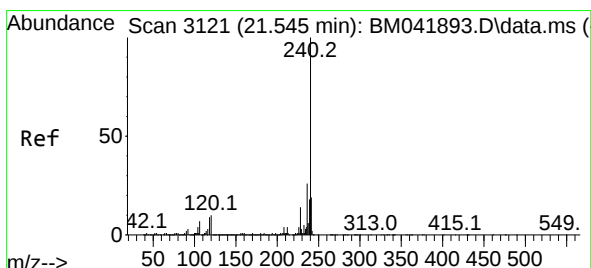
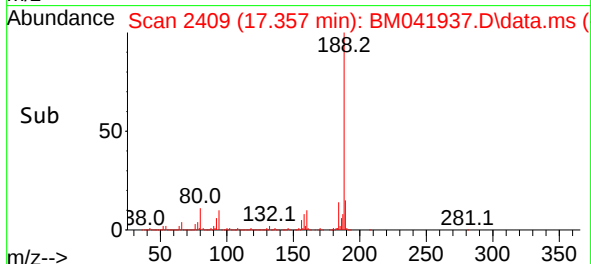
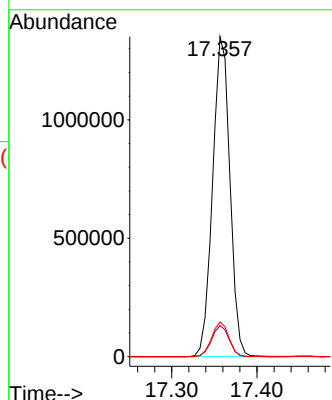
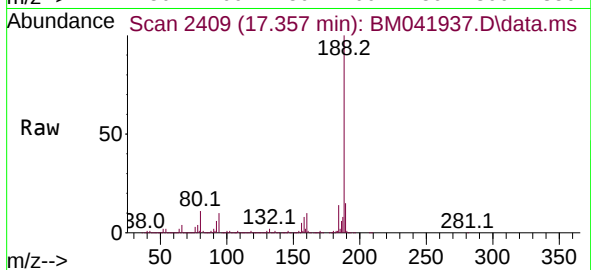
Tgt Ion:188 Resp: 1904092

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.8 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: BM041937.D

Acq: 20 Sep 2023 14:21

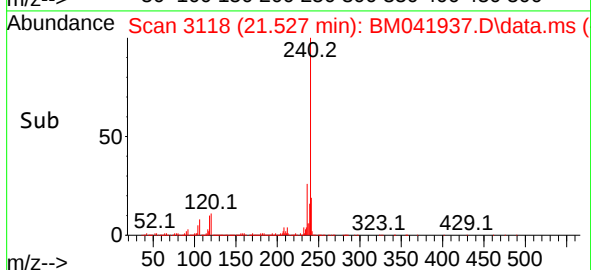
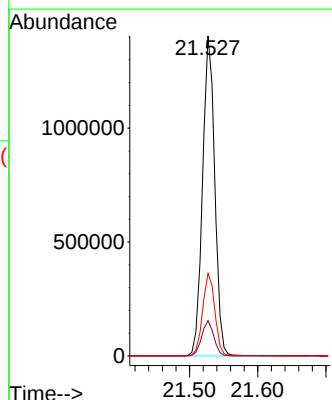
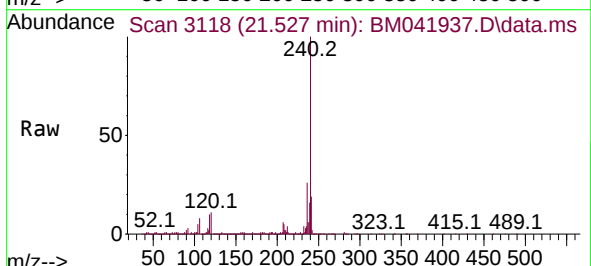
Tgt Ion:240 Resp: 1745775

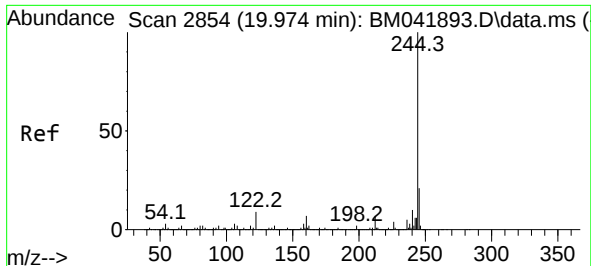
Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 25.8 20.7 31.1

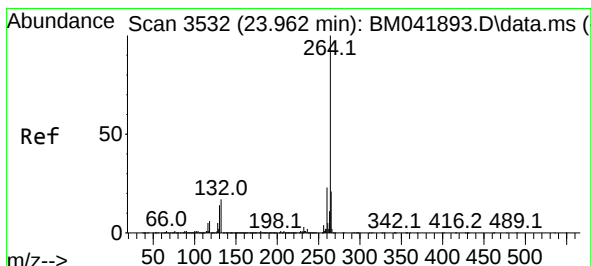
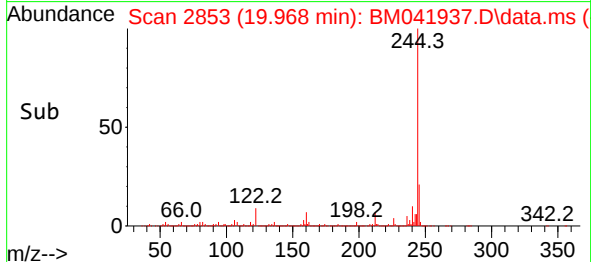
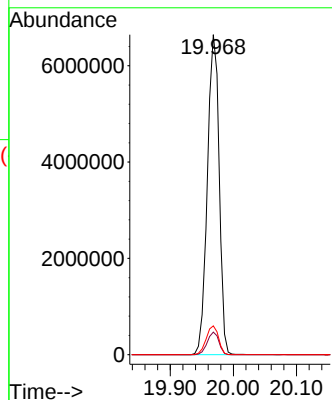
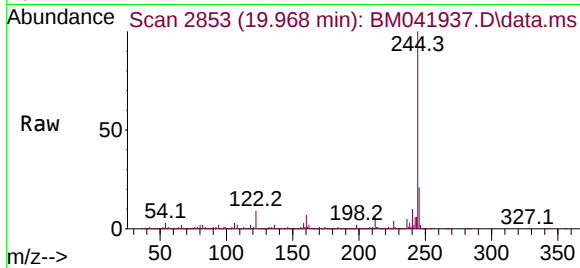




#79
 Terphenyl-d14
 Concen: 89.606 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041937.D
 Acq: 20 Sep 2023 14:21

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Tgt Ion:244 Resp: 8589027
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.0 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: BM041937.D
 Acq: 20 Sep 2023 14:21

Tgt Ion:264 Resp: 1702598
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.1 17.0 25.6

