

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041939.D
 Acq On : 20 Sep 2023 15:35
 Operator : MA/JU
 Sample : 04343-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1-14TH-STREETRE

Quant Time: Sep 20 17:06:18 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	336104	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1432785	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	895559	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1910872	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1467456	20.000	ng	-0.02
86) Perylene-d12	23.950	264	1282801	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1010949	50.099	ng	0.00
7) Phenol-d6	7.104	99	901569	32.178	ng	0.00
23) Nitrobenzene-d5	9.157	82	2608256	92.687	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1103477	98.755	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	5805232	95.144	ng	0.00
79) Terphenyl-d14	19.968	244	8145915	101.101	ng	0.00

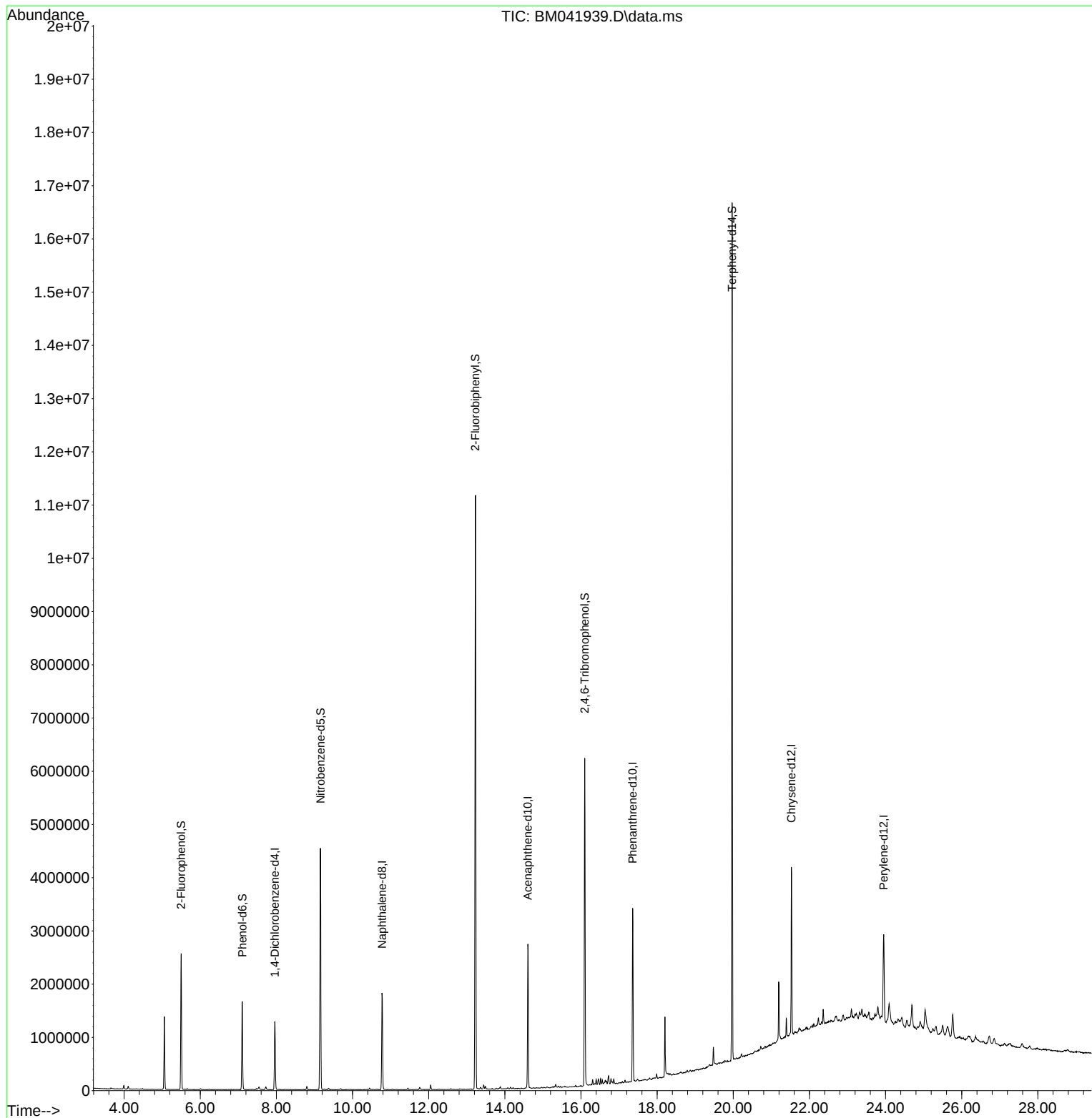
Target Compounds	Qvalue

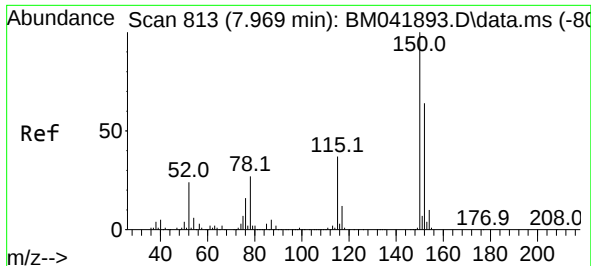
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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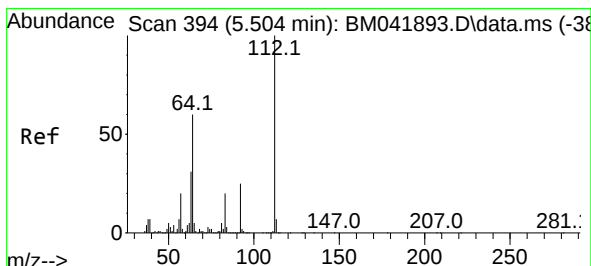
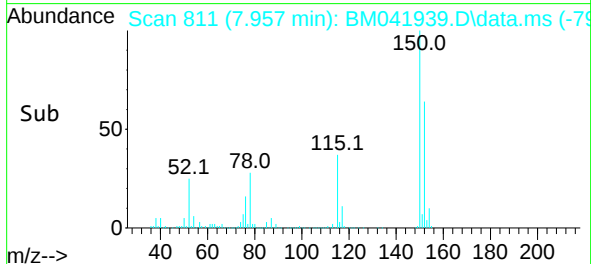
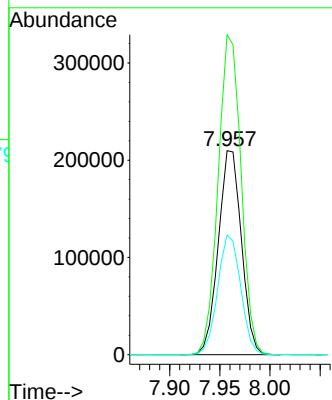
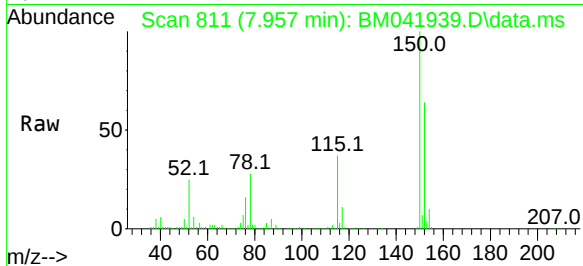




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

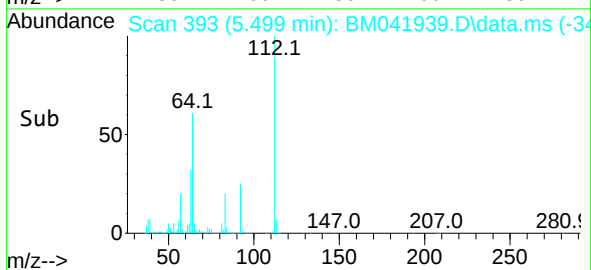
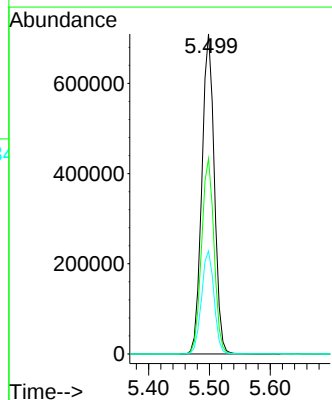
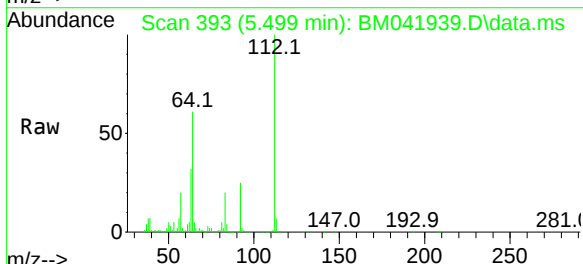
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-14TH-STREETRE

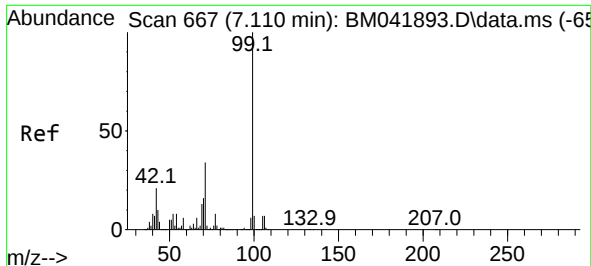
Tgt Ion:152 Resp: 336104
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 58.7 46.8 70.2



#5
2-Fluorophenol
Concen: 50.099 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

Tgt Ion:112 Resp: 1010949
Ion Ratio Lower Upper
112 100
64 61.0 48.1 72.1
63 32.1 25.0 37.6

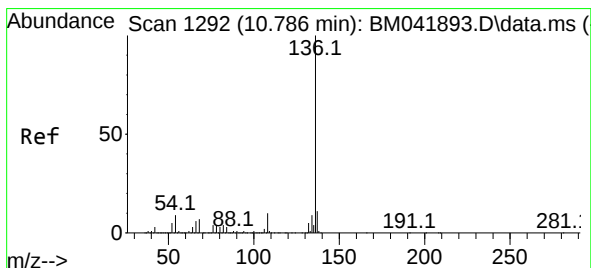
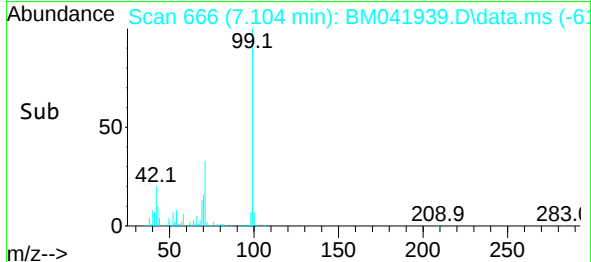
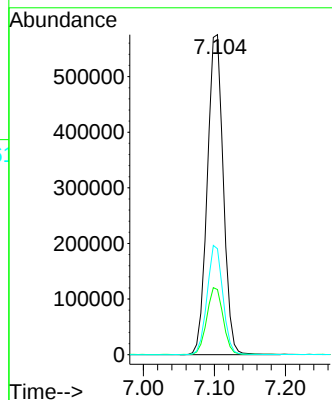
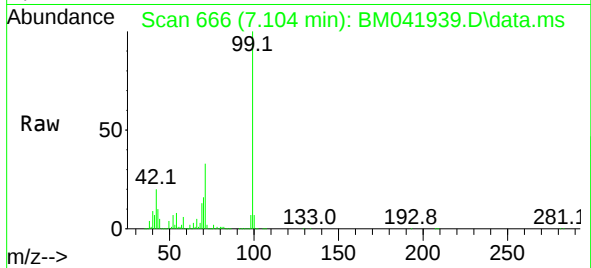




#7
Phenol-d6
Concen: 32.178 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

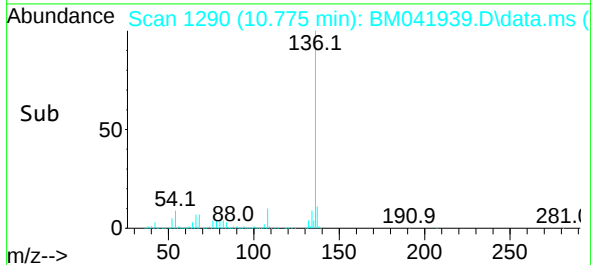
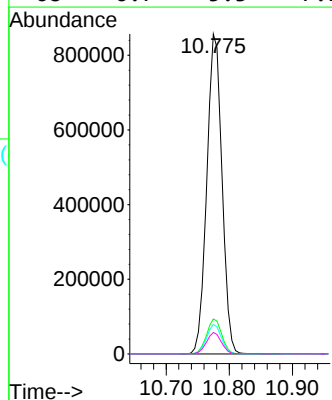
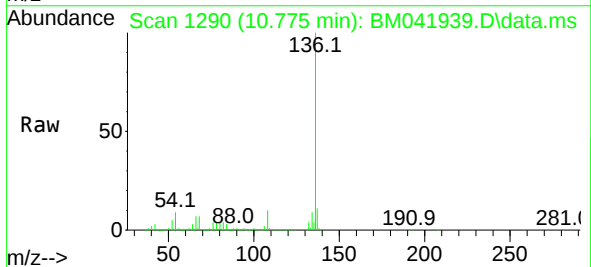
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-14TH-STREETRE

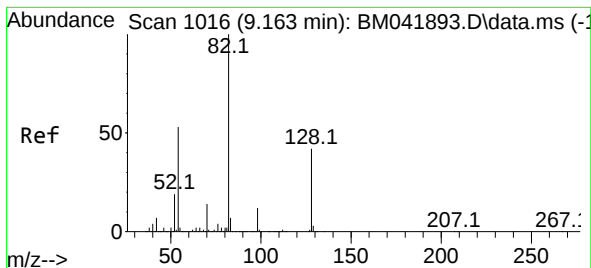
Tgt Ion: 99 Resp: 901569
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 33.1 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

Tgt Ion: 136 Resp: 1432785
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.0 10.4
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 92.687 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041939.D

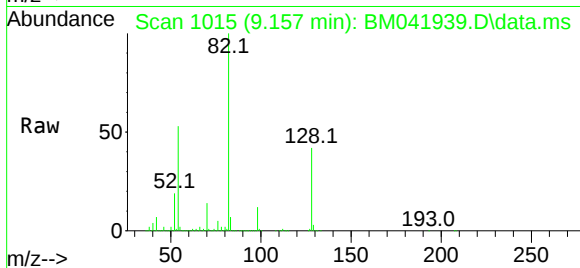
Acq: 20 Sep 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1-14TH-STREETRE



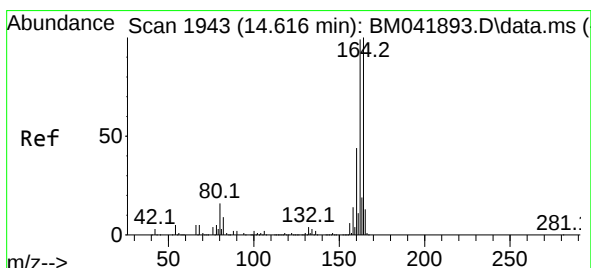
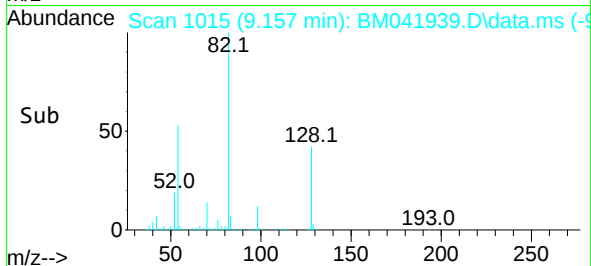
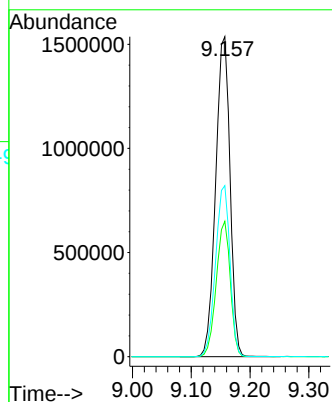
Tgt Ion: 82 Resp: 2608256

Ion Ratio Lower Upper

82 100

128 42.3 33.8 50.6

54 53.4 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: BM041939.D

Acq: 20 Sep 2023 15:35

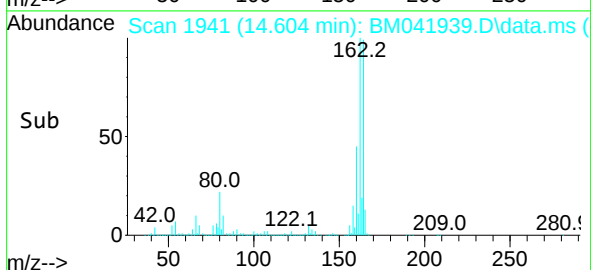
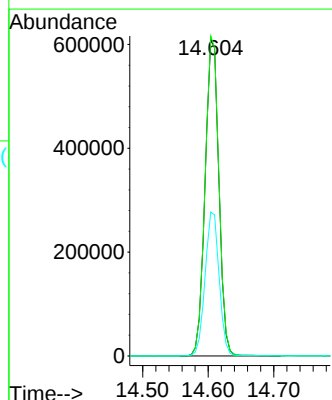
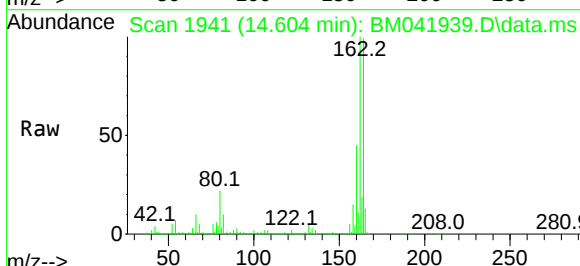
Tgt Ion:164 Resp: 895559

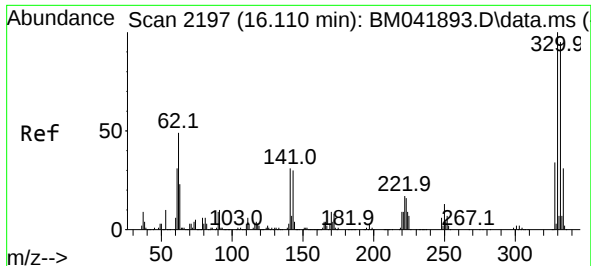
Ion Ratio Lower Upper

164 100

162 101.0 79.3 118.9

160 45.4 35.6 53.4

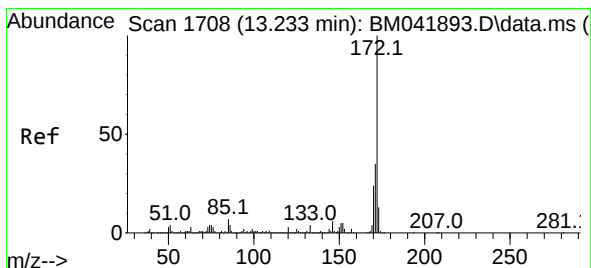
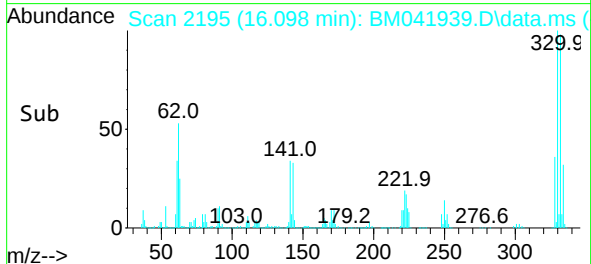
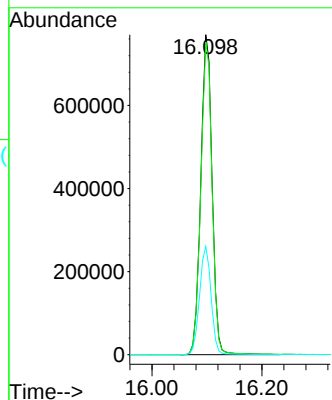
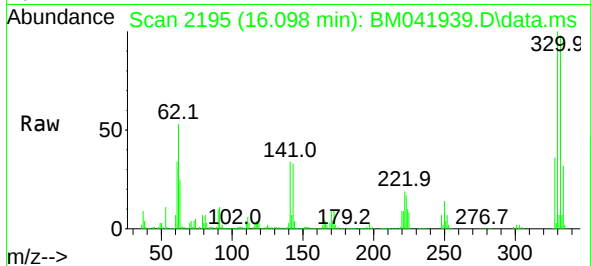




#42
2,4,6-Tribromophenol
Concen: 98.755 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

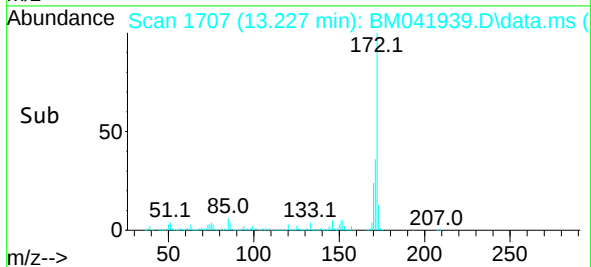
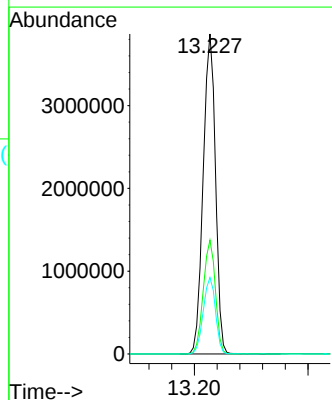
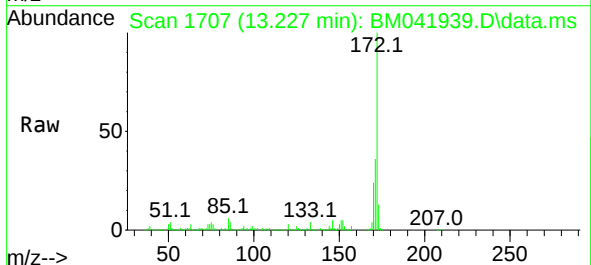
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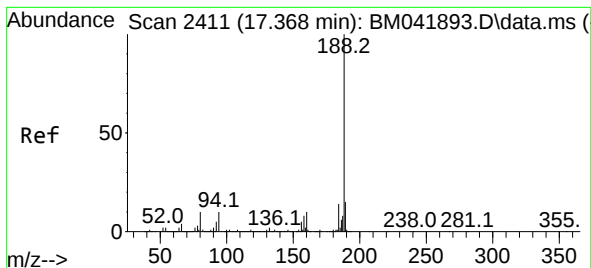
Tgt Ion:330 Resp: 1103477
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 34.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 95.144 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041939.D
Acq: 20 Sep 2023 15:35

Tgt Ion:172 Resp: 5805232
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.9 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: BM041939.D

Acq: 20 Sep 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1-14TH-STREETRE

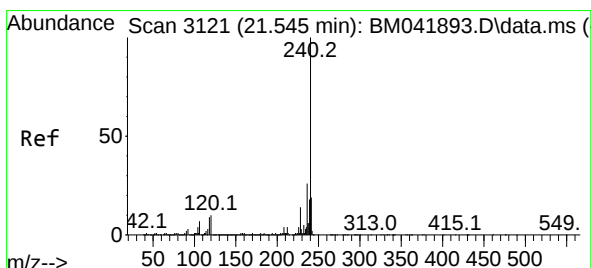
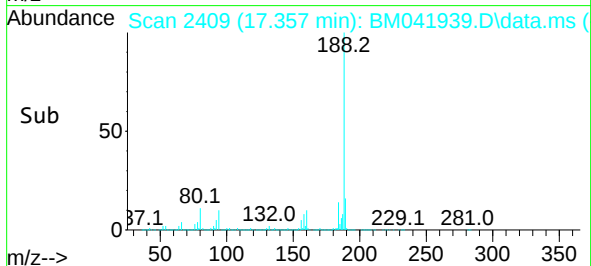
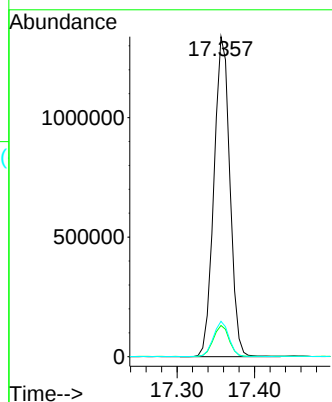
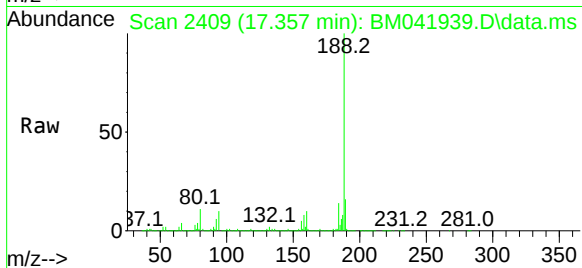
Tgt Ion:188 Resp: 1910872

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 11.0 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: BM041939.D

Acq: 20 Sep 2023 15:35

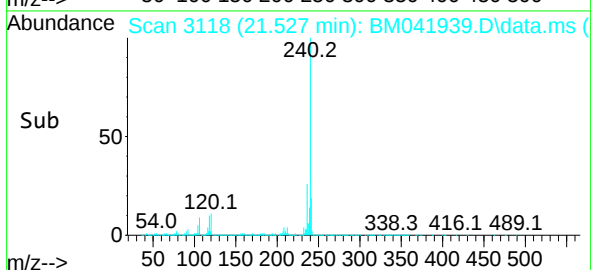
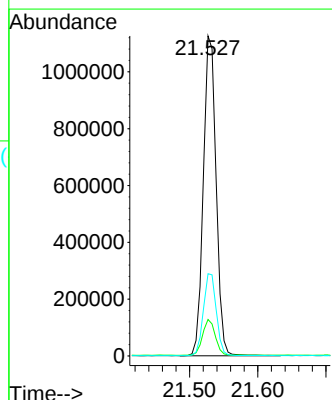
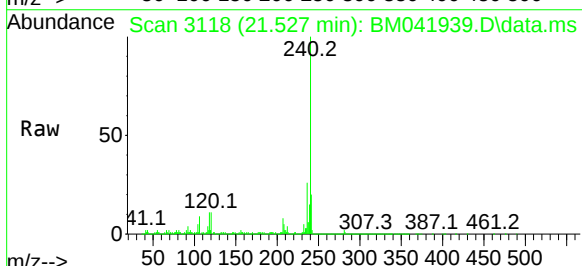
Tgt Ion:240 Resp: 1467456

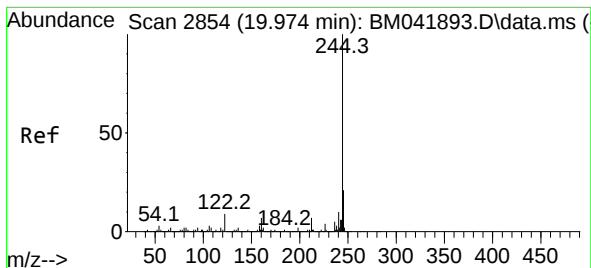
Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 101.101 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041939.D

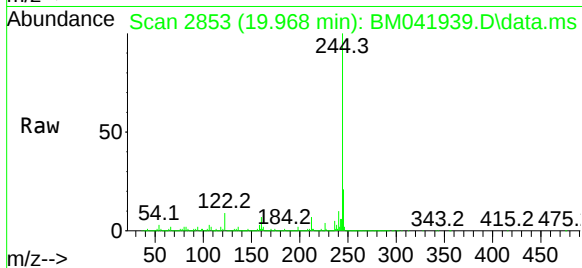
Acq: 20 Sep 2023 15:35

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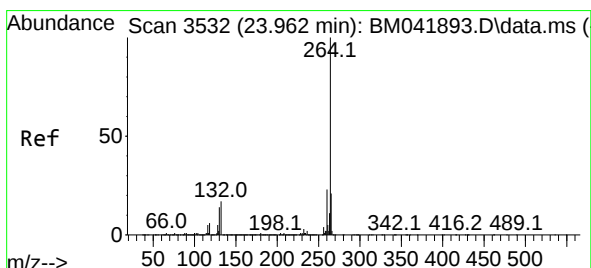
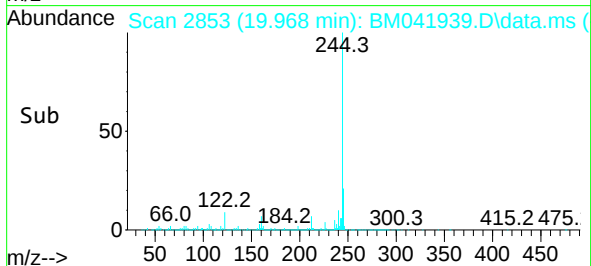
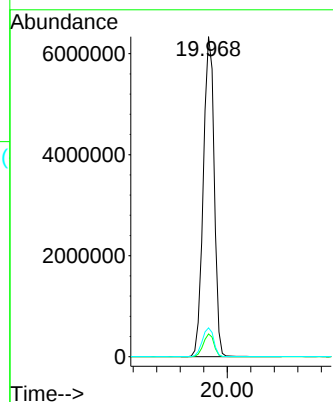
Tgt Ion:244 Resp: 8145915

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.0 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BM041939.D

Acq: 20 Sep 2023 15:35

Tgt Ion:264 Resp: 1282801

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.0 17.0 25.6

