

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041923.D
 Acq On : 20 Sep 2023 03:29
 Operator : MA/JU
 Sample : 04397-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-9-11

Quant Time: Sep 20 04:37:21 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	297099	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1226984	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	808046	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1692527	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1251859	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1185937	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	973783	54.592	ng	0.00
7) Phenol-d6	7.104	99	791461	31.957	ng	0.00
23) Nitrobenzene-d5	9.157	82	2076367	86.161	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1348087	133.712	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4759934	86.461	ng	0.00
79) Terphenyl-d14	19.968	244	7077711	102.972	ng	0.00

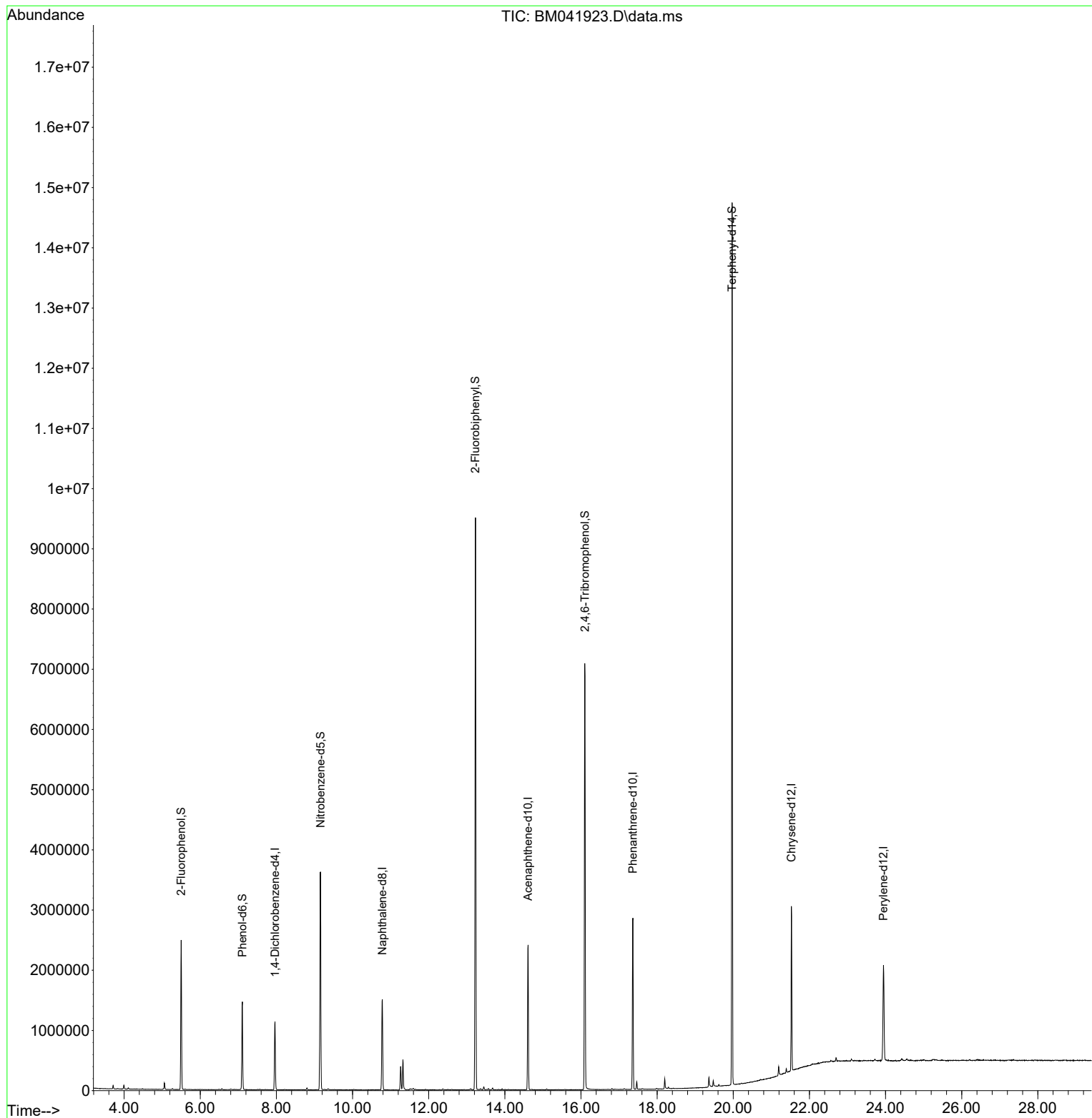
Target Compounds	Qvalue

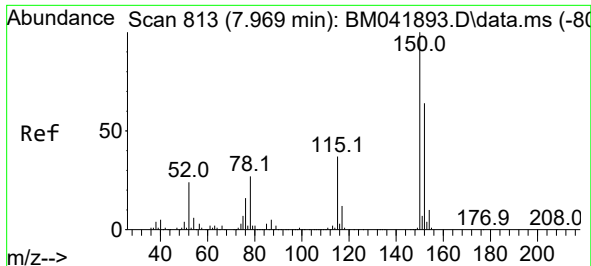
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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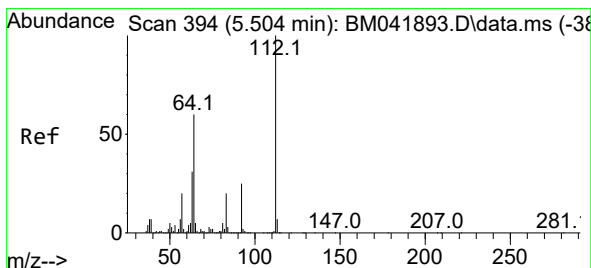
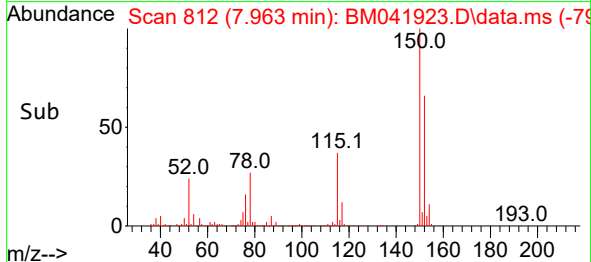
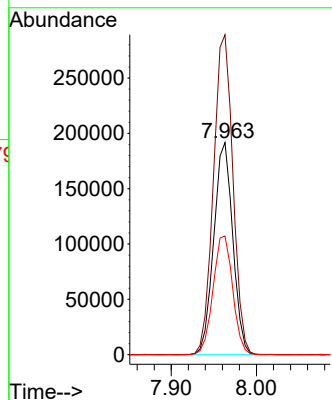
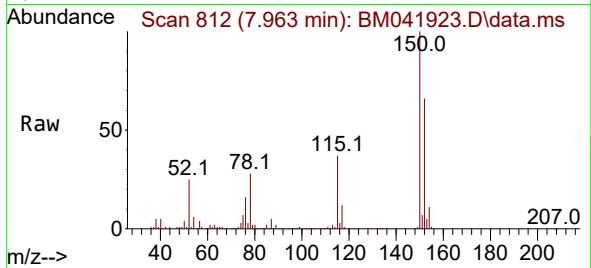




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

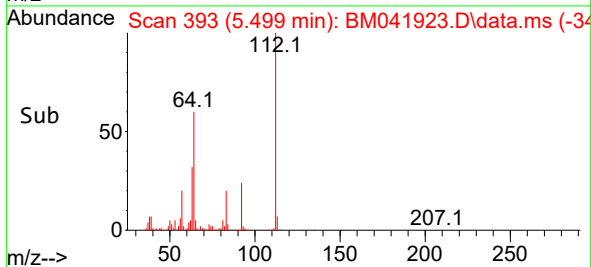
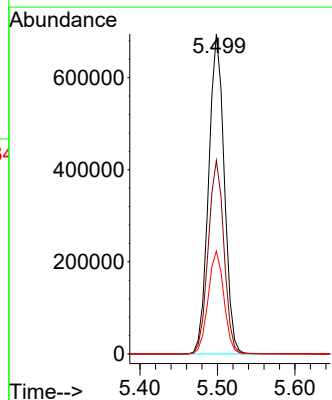
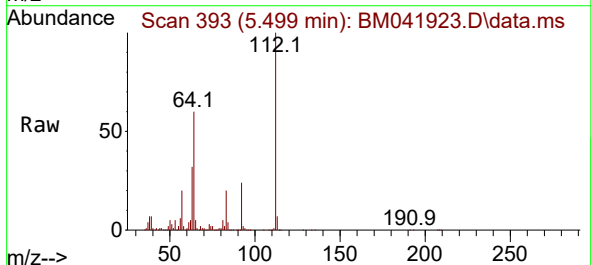
Instrument :
BNA_M
ClientSampleId :
FB-9-11

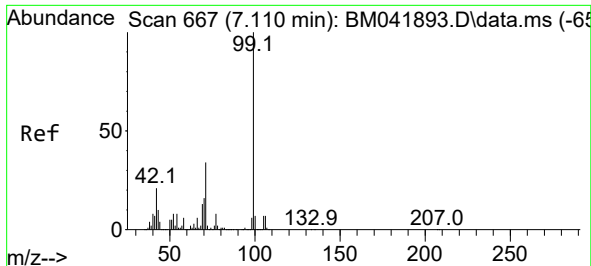
Tgt Ion:152 Resp: 297099
Ion Ratio Lower Upper
152 100
150 150.8 125.9 188.9
115 55.9 46.8 70.2



#5
2-Fluorophenol
Concen: 54.592 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

Tgt Ion:112 Resp: 973783
Ion Ratio Lower Upper
112 100
64 60.5 48.1 72.1
63 32.1 25.0 37.6

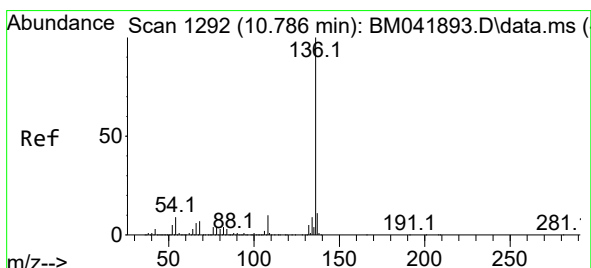
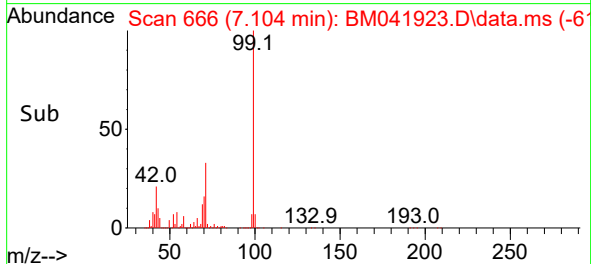
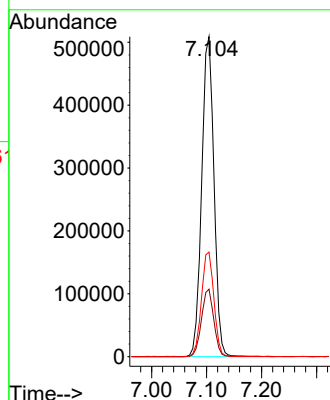
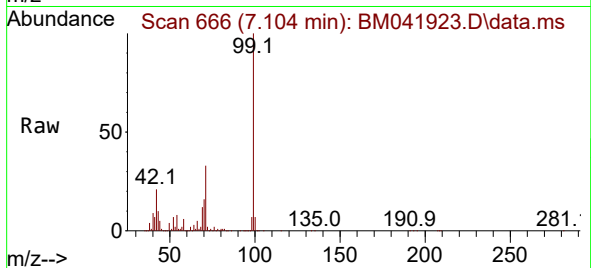




#7
Phenol-d6
Concen: 31.957 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

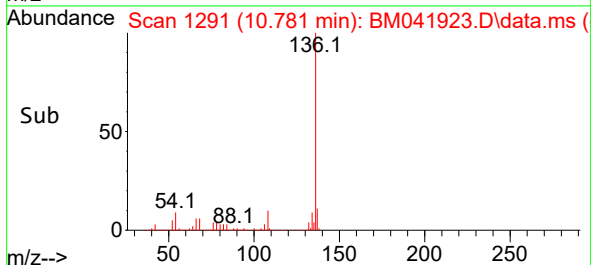
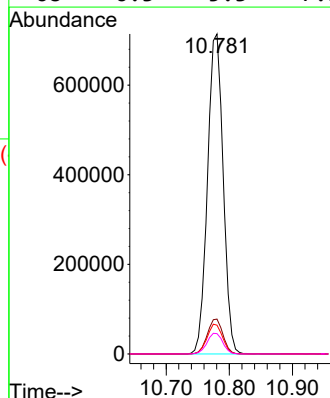
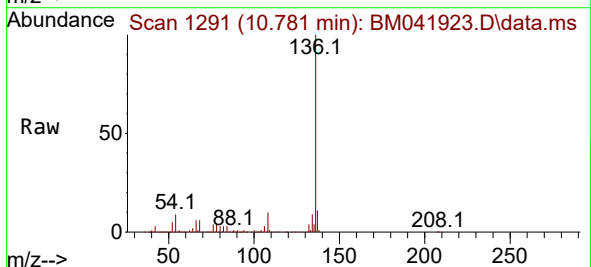
Instrument :
BNA_M
ClientSampleId :
FB-9-11

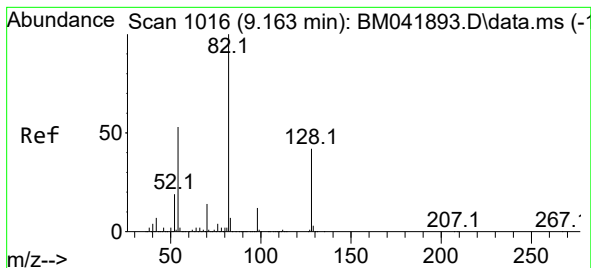
Tgt Ion: 99 Resp: 791461
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 32.7 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

Tgt Ion: 136 Resp: 1226984
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 6.3 5.3 7.9





#23

Nitrobenzene-d5

Concen: 86.161 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041923.D

Acq: 20 Sep 2023 03:29

Instrument :

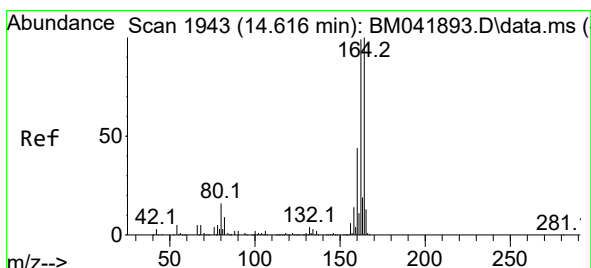
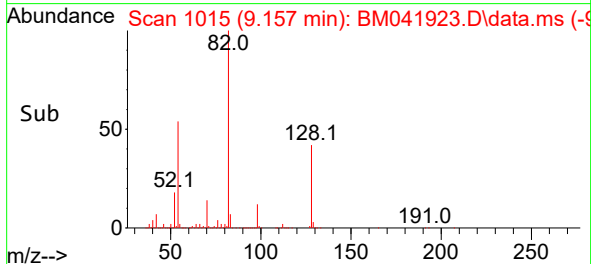
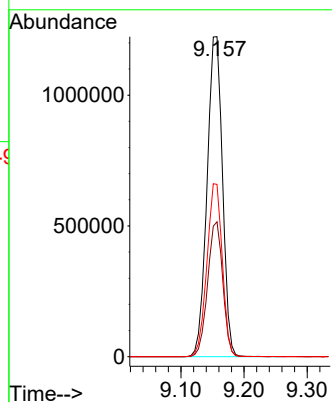
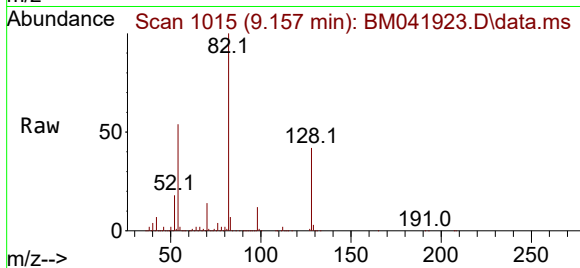
BNA_M

ClientSampleId :

FB-9-11

Tgt Ion: 82 Resp: 2076367

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.8	50.6
54	53.9	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

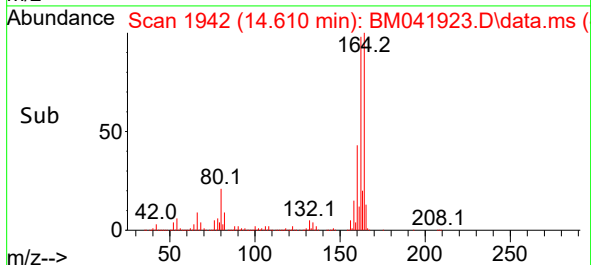
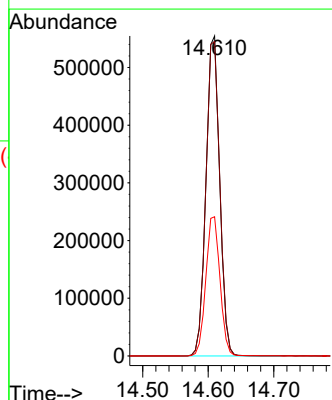
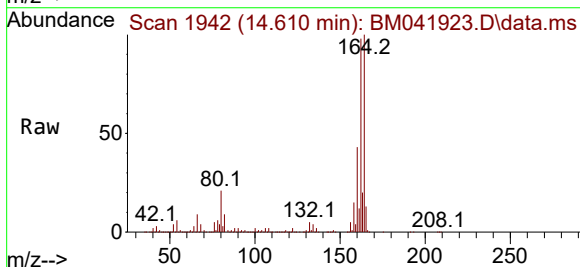
Delta R.T. -0.006 min

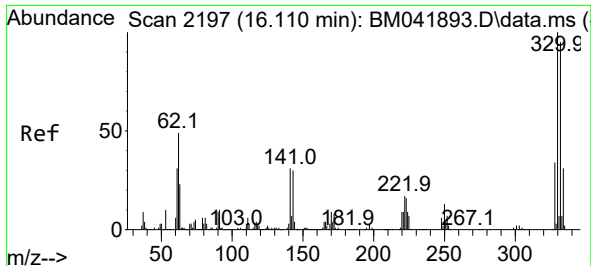
Lab File: BM041923.D

Acq: 20 Sep 2023 03:29

Tgt Ion: 164 Resp: 808046

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.3	118.9
160	43.5	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 133.712 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041923.D

Acq: 20 Sep 2023 03:29

Instrument :

BNA_M

ClientSampleId :

FB-9-11

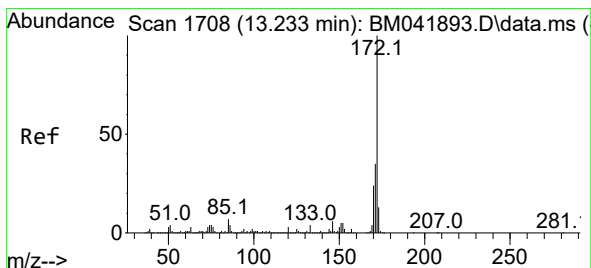
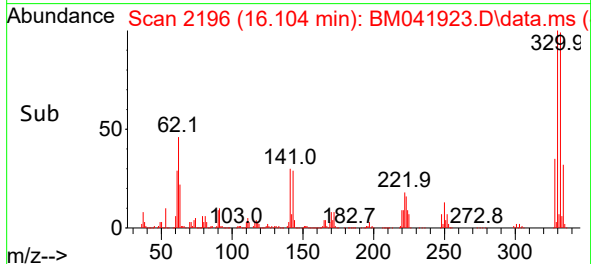
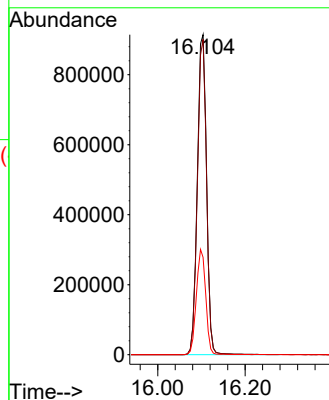
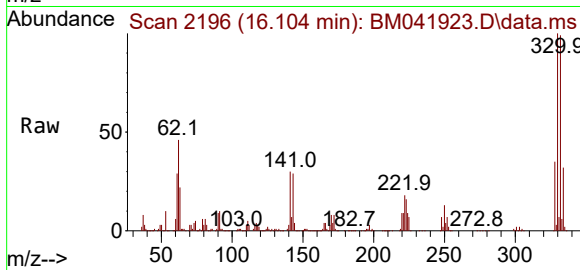
Tgt Ion:330 Resp: 1348087

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 33.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.461 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041923.D

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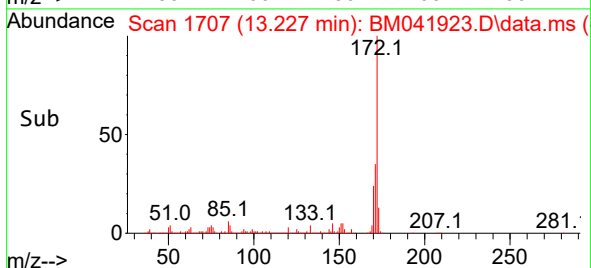
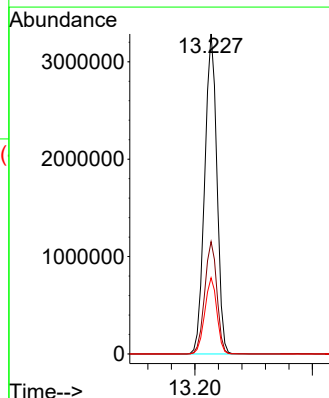
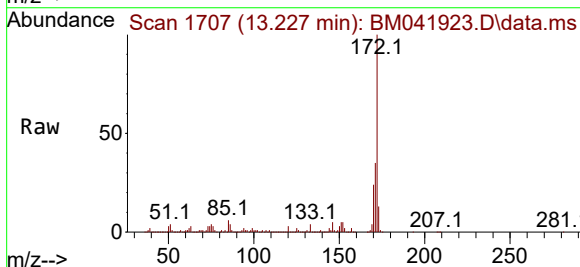
Tgt Ion:172 Resp: 4759934

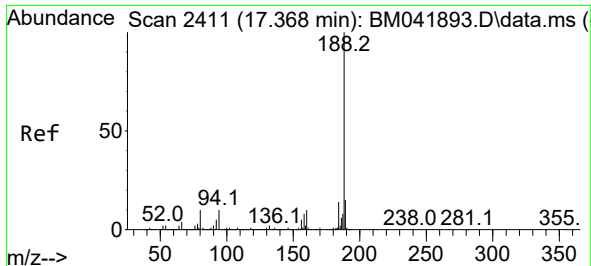
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.8 19.1 28.7

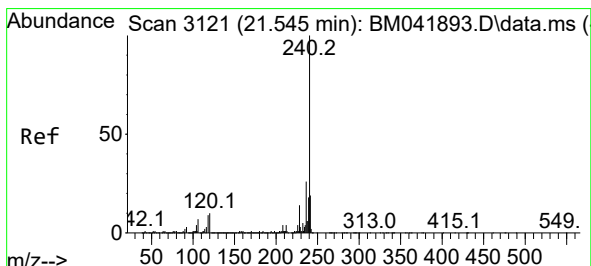
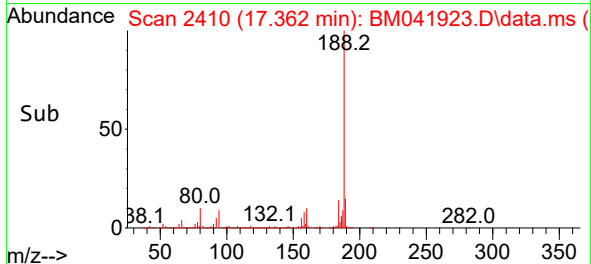
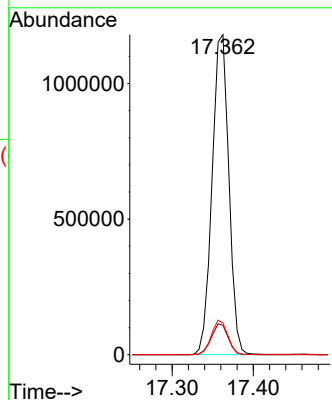
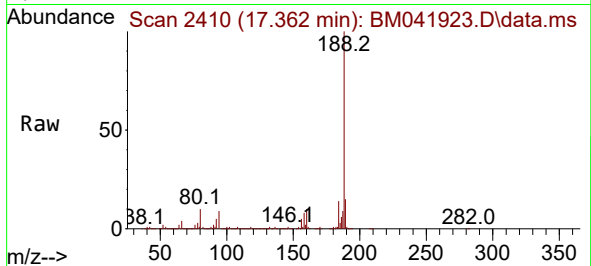




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

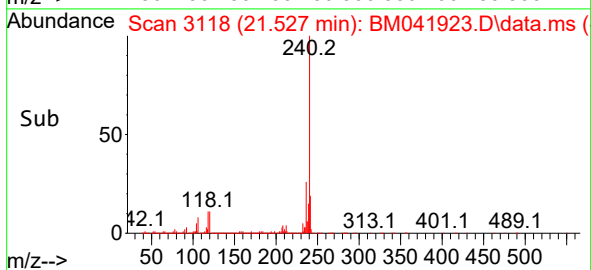
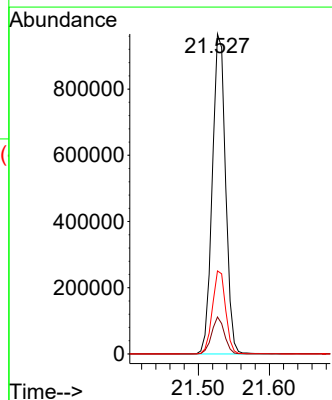
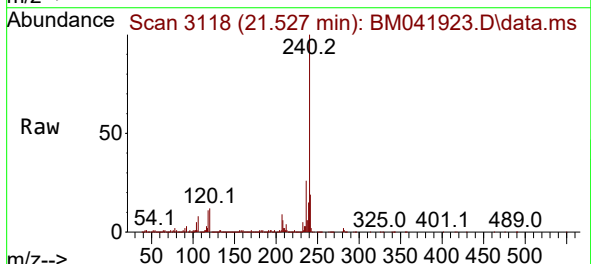
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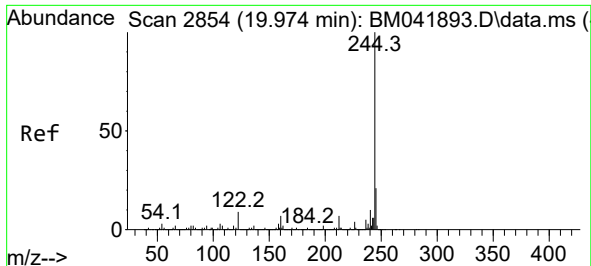
Tgt Ion:188 Resp: 1692527
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.018 min
Lab File: BM041923.D
Acq: 20 Sep 2023 03:29

Tgt Ion:240 Resp: 1251859
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 25.9 20.7 31.1

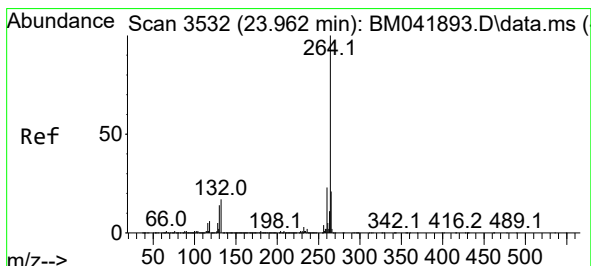
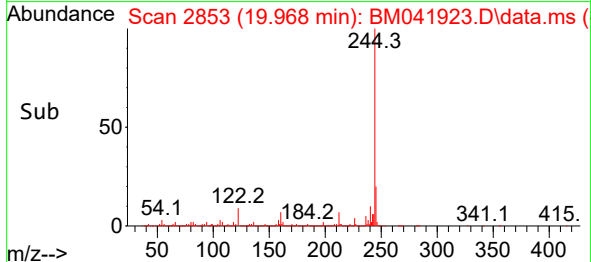
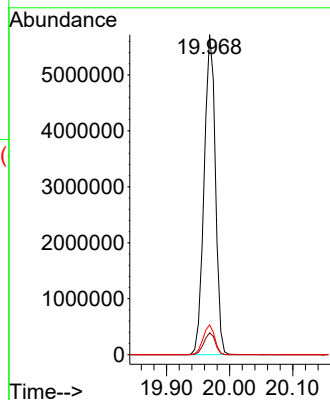
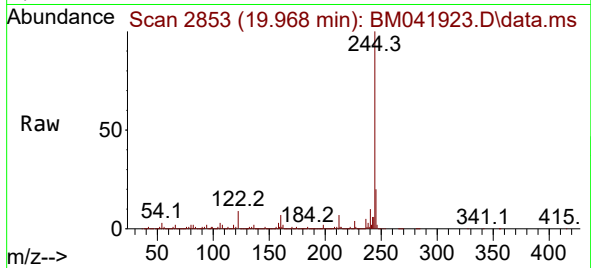




#79
 Terphenyl-d14
 Concen: 102.972 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041923.D
 Acq: 20 Sep 2023 03:29

Instrument :
 BNA_M
 ClientSampleId :
 FB-9-11

Tgt Ion:244 Resp: 7077711
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.3 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: BM041923.D
 Acq: 20 Sep 2023 03:29

Tgt Ion:264 Resp: 1185937
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.2 17.0 25.6

