

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041906.D
 Acq On : 19 Sep 2023 15:54
 Operator : MA/JU
 Sample : 04351-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Quant Time: Sep 19 16:23:14 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)

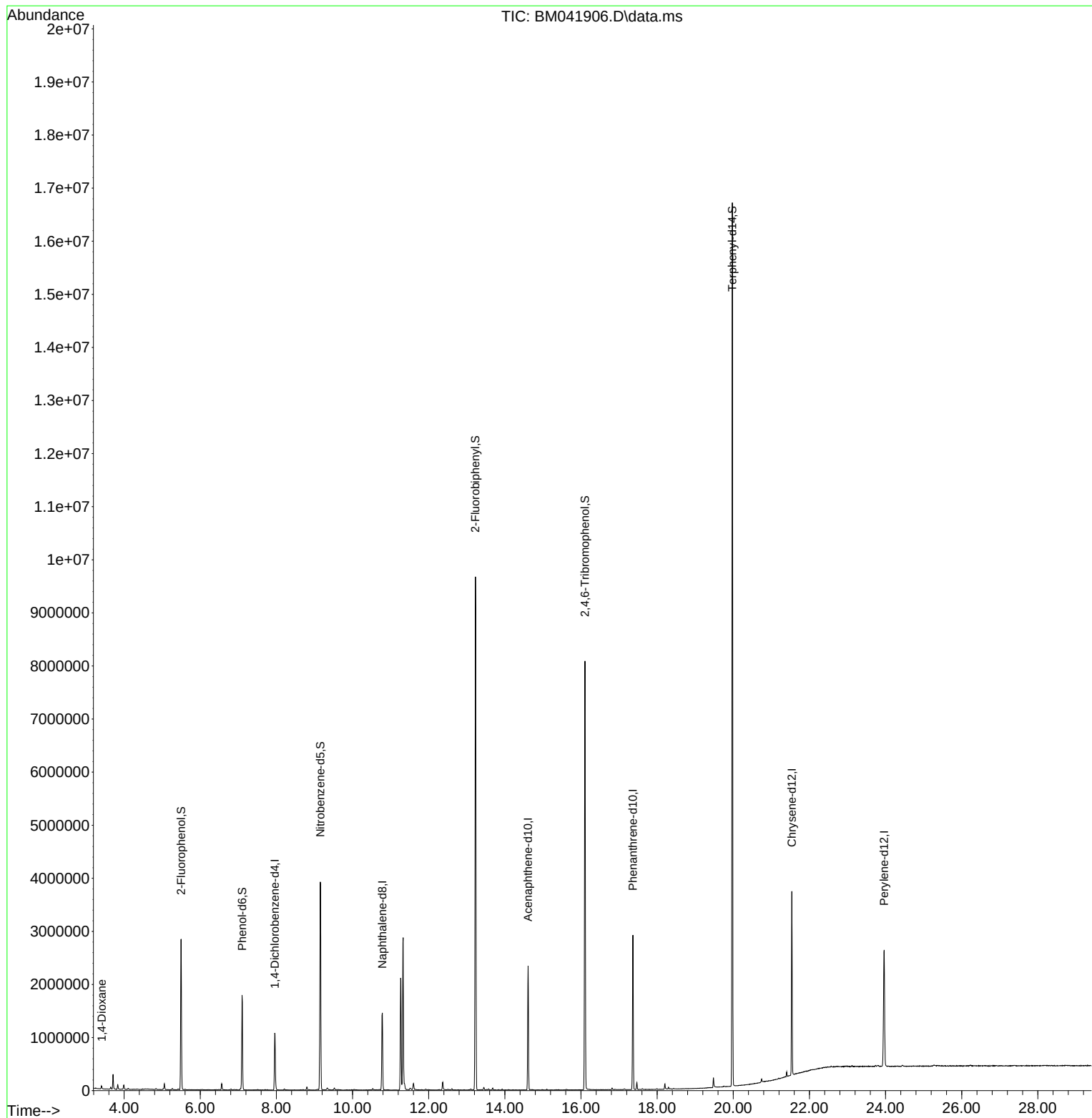
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	282717	20.000	ng	-0.01
21) Naphthalene-d8	10.780	136	1168528	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	754447	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1638041	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1523512	20.000	ng	0.00
86) Perylene-d12	23.962	264	1688779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1185441	69.839	ng	0.00
7) Phenol-d6	7.098	99	956483	40.585	ng	-0.01
23) Nitrobenzene-d5	9.151	82	2266816	98.770	ng	-0.01
42) 2,4,6-Tribromophenol	16.104	330	1474588	156.651	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4974192	96.772	ng	0.00
79) Terphenyl-d14	19.974	244	8338680	99.685	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	18935	2.735	ng	Qvalue # 85

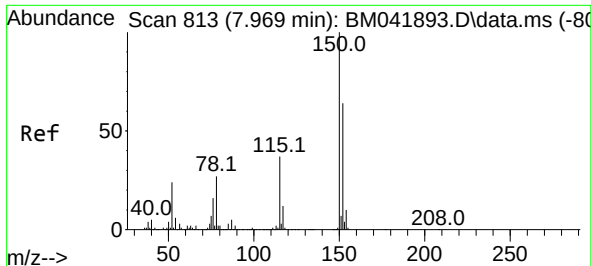
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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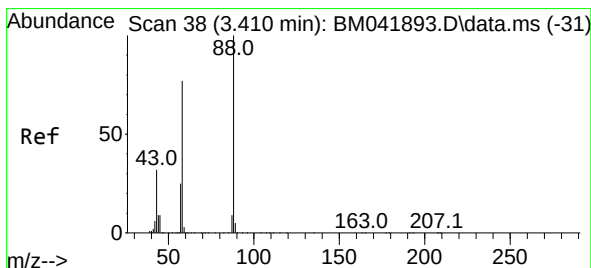
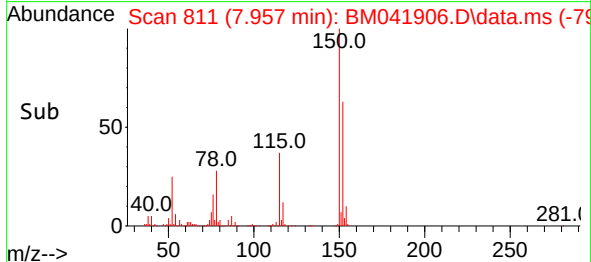
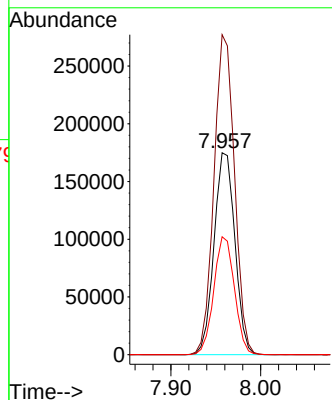
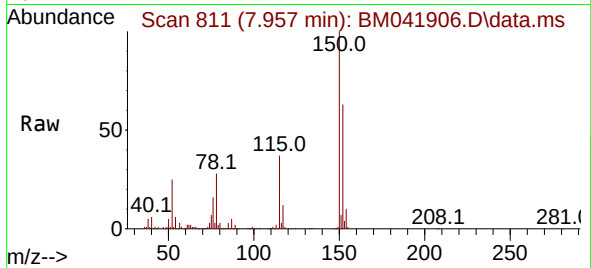




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

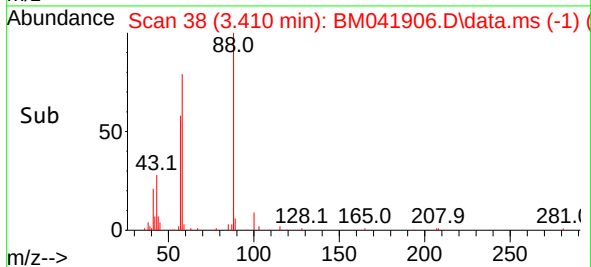
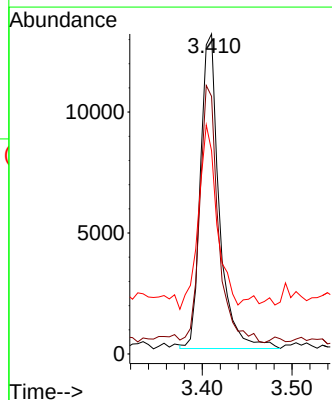
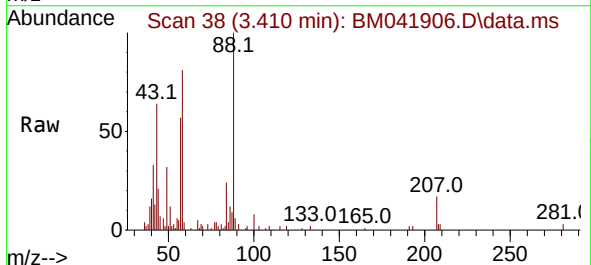
Instrument :
BNA_M
ClientSampleId :
FB

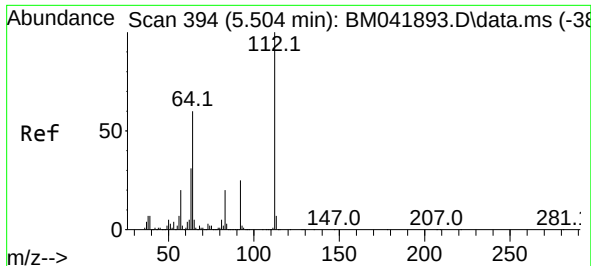
Tgt Ion:152 Resp: 282717
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 58.4 46.8 70.2



#2
1,4-Dioxane
Concen: 2.735 ng
RT: 3.410 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion: 88 Resp: 18935
Ion Ratio Lower Upper
88 100
58 80.2 62.4 93.6
43 58.3 25.8 38.6#

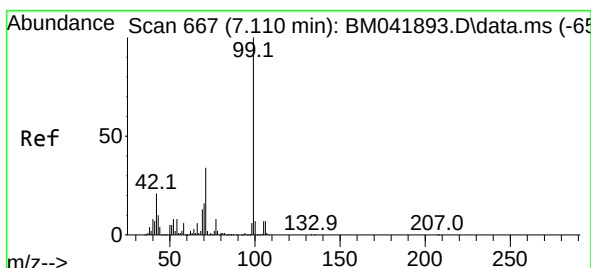
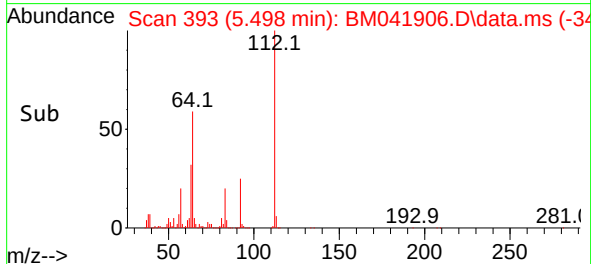
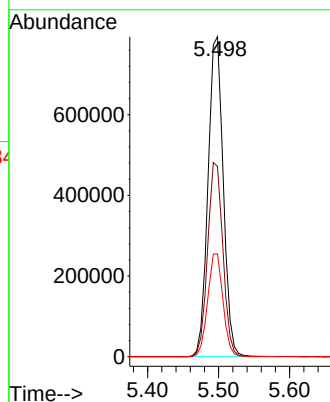
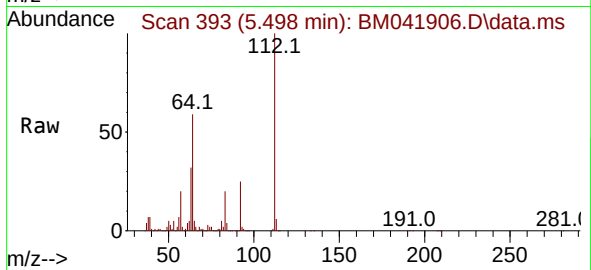




#5
2-Fluorophenol
Concen: 69.839 ng
RT: 5.498 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

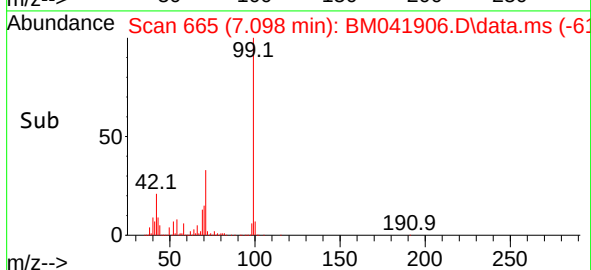
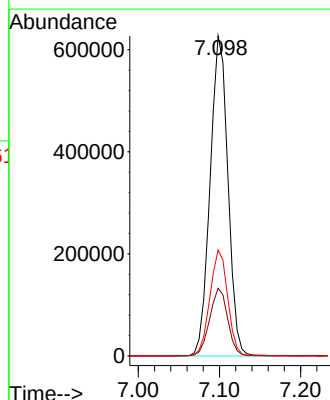
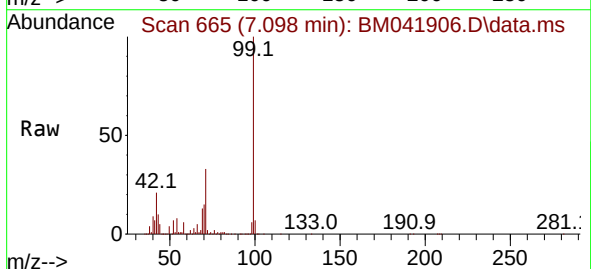
Instrument :
BNA_M
ClientSampleId :
FB

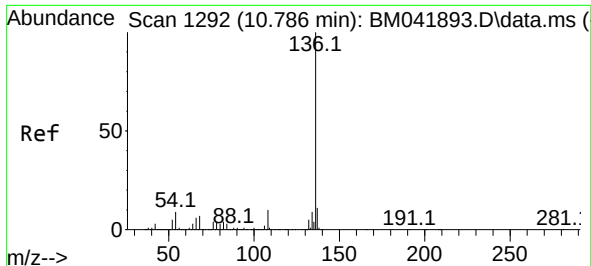
Tgt Ion:112 Resp: 1185441
Ion Ratio Lower Upper
112 100
64 59.5 48.1 72.1
63 32.1 25.0 37.6



#7
Phenol-d6
Concen: 40.585 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.012 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion: 99 Resp: 956483
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 33.1 26.8 40.2

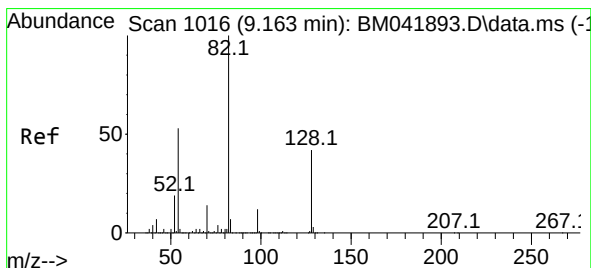
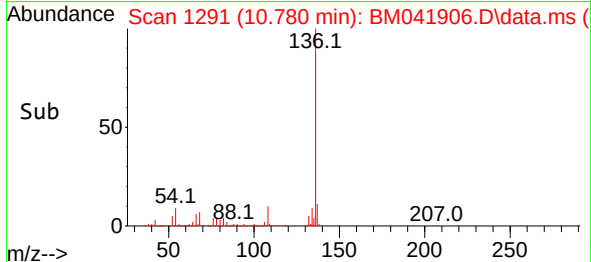
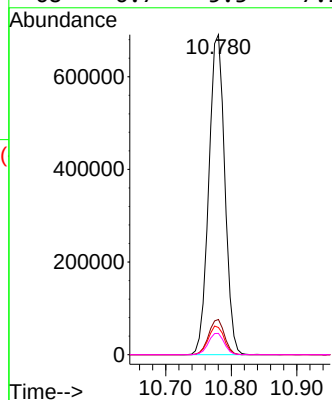
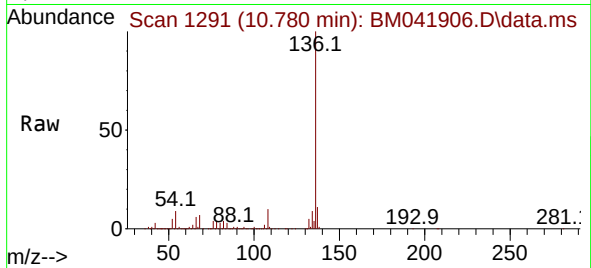




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

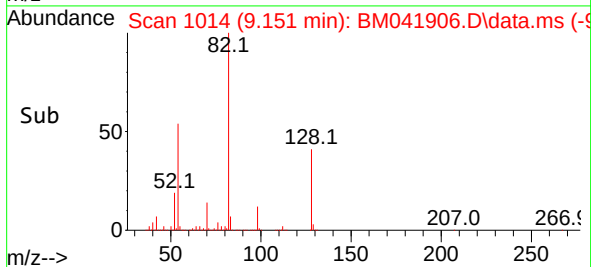
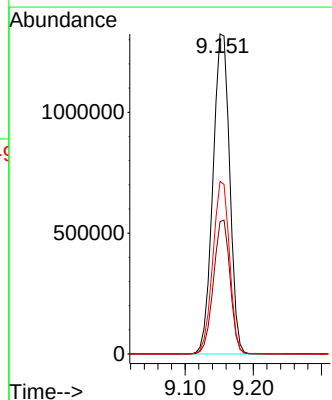
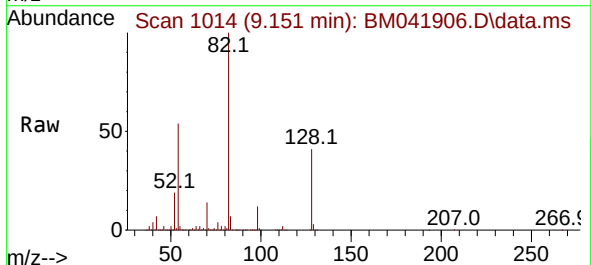
Instrument :
BNA_M
ClientSampleId :
FB

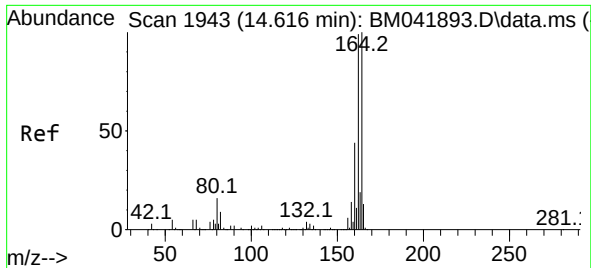
Tgt Ion:136 Resp: 1168528
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 7.0 10.4
68 6.7 5.3 7.9



#23
Nitrobenzene-d5
Concen: 98.770 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion: 82 Resp: 2266816
Ion Ratio Lower Upper
82 100
128 41.4 33.8 50.6
54 53.9 42.8 64.2

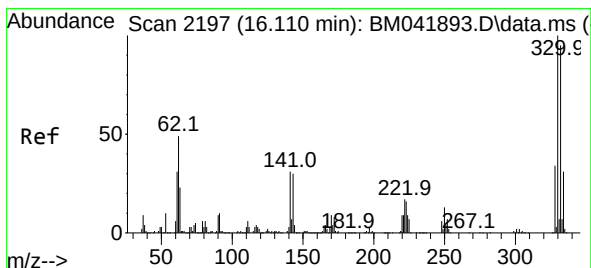
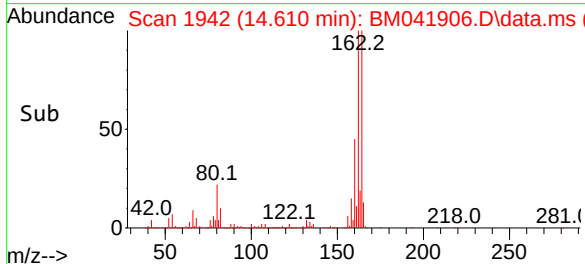
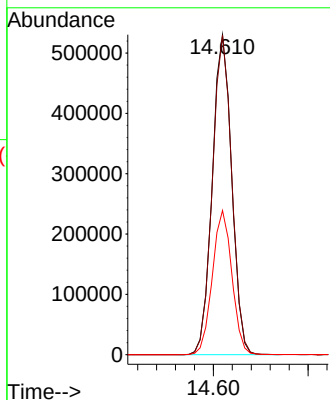
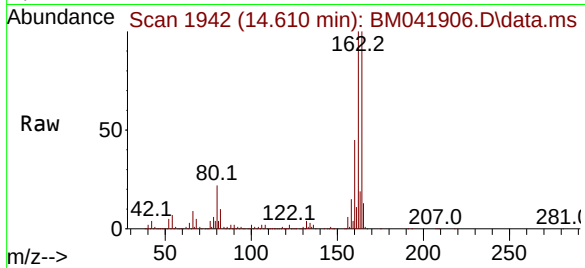




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

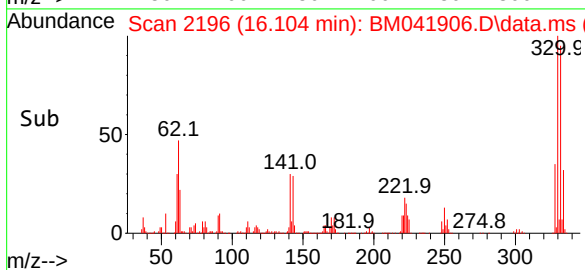
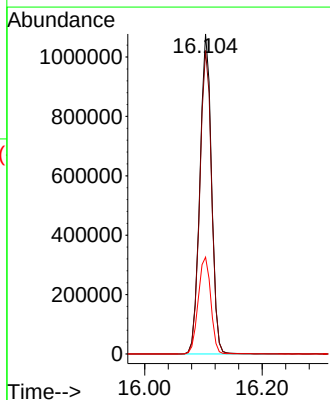
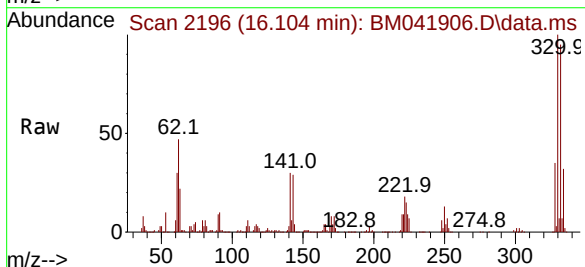
Instrument :
BNA_M
ClientSampleId :
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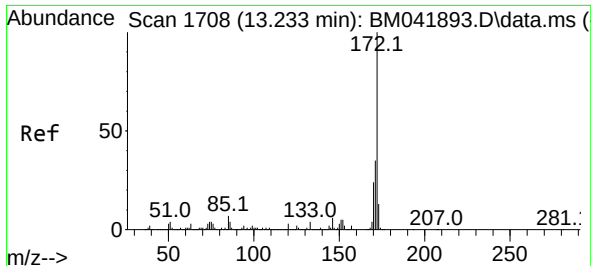
Tgt Ion:164 Resp: 754447
Ion Ratio Lower Upper
164 100
162 100.0 79.3 118.9
160 45.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 156.651 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion:330 Resp: 1474588
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 32.7 27.0 40.4

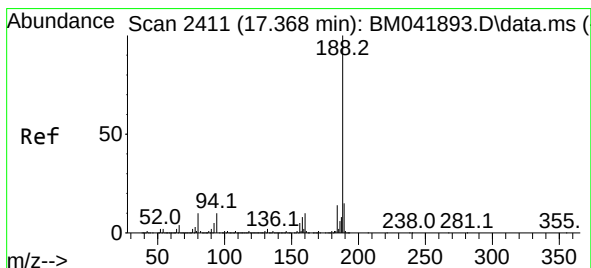
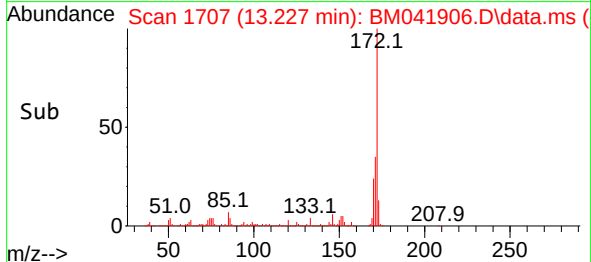
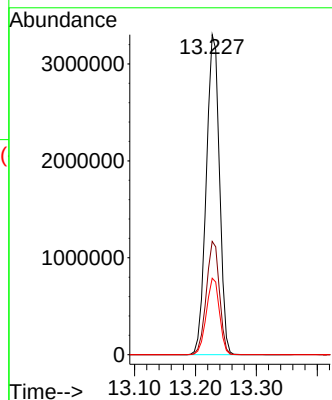
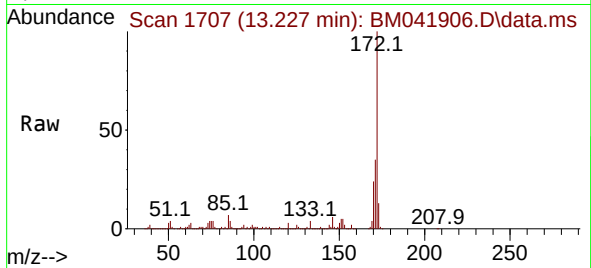




#45
2-Fluorobiphenyl
Concen: 96.772 ng
RT: 13.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

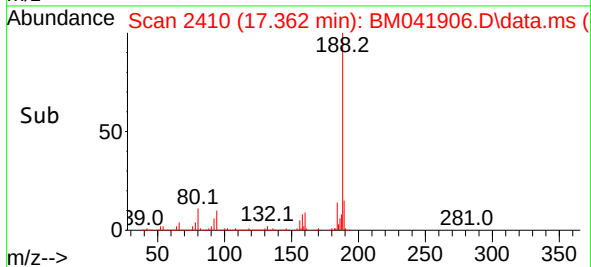
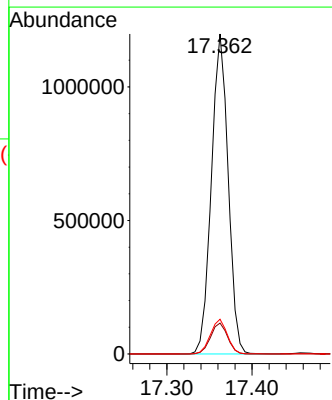
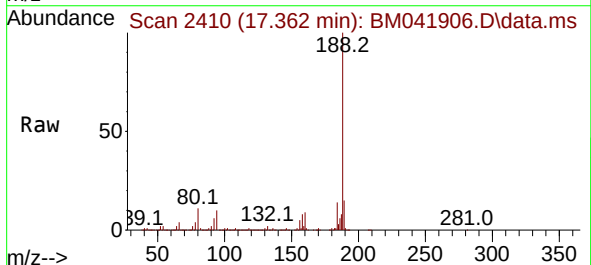
Instrument :
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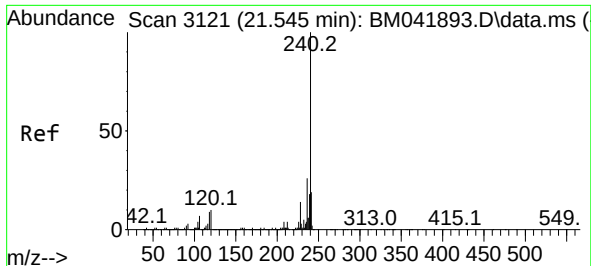
Tgt Ion:172 Resp: 4974192
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.9 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion:188 Resp: 1638041
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.9 8.3 12.5

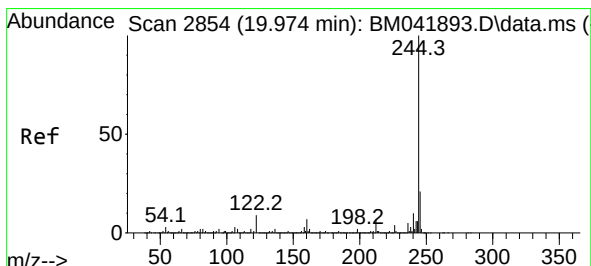
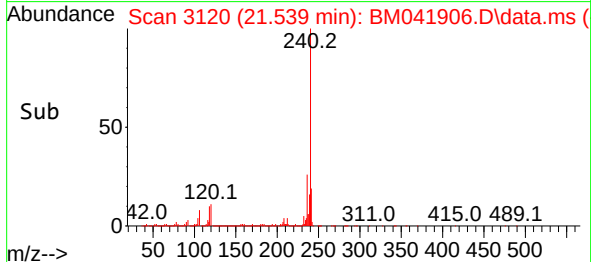
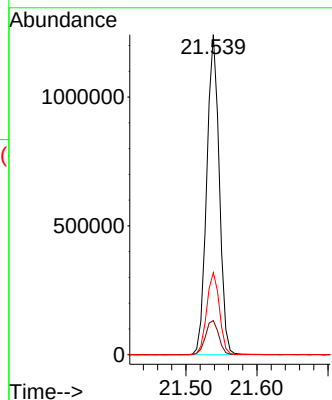
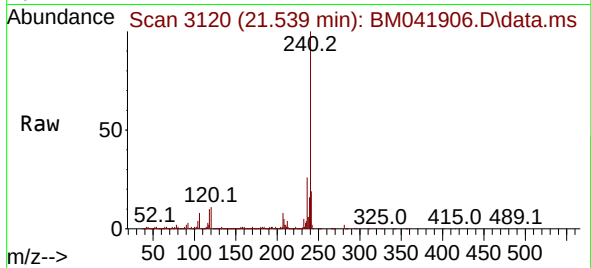




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

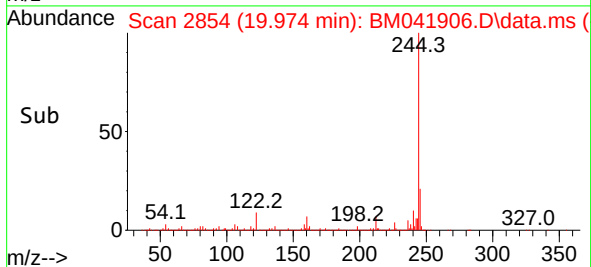
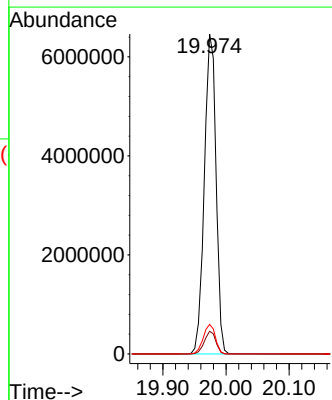
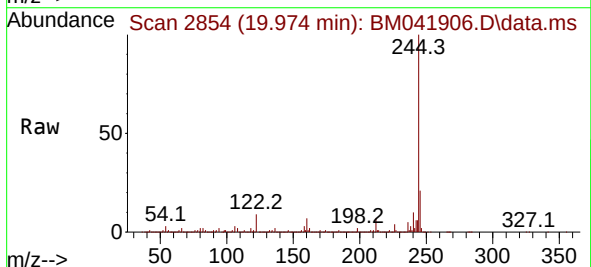
Instrument :
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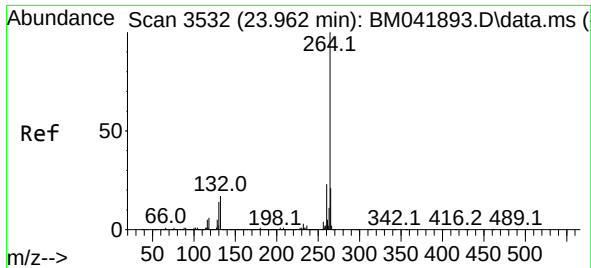
Tgt Ion:240 Resp: 1523512
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 99.685 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BM041906.D
Acq: 19 Sep 2023 15:54

Tgt Ion:244 Resp: 8338680
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.3 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.962 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM041906.D
 Acq: 19 Sep 2023 15:54

Instrument :
 BNA_M
 ClientSampleId :
 FB

Tgt Ion:264 Resp: 1688779
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.8 17.0 25.6

