

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
 Data File : BM041898.D
 Acq On : 18 Sep 2023 16:53
 Operator : MA/JU
 Sample : PB155592BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155592BL

Quant Time: Sep 19 04:54:32 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	290654	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1167069	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	740775	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1563371	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1306780	20.000	ng	0.00
86) Perylene-d12	23.956	264	1314117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2717947	155.753	ng	0.00
7) Phenol-d6	7.110	99	3588615	148.111	ng	0.00
23) Nitrobenzene-d5	9.157	82	2252208	98.256	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1453525	157.263	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4922166	97.527	ng	0.00
79) Terphenyl-d14	19.974	244	7410262	103.279	ng	0.00

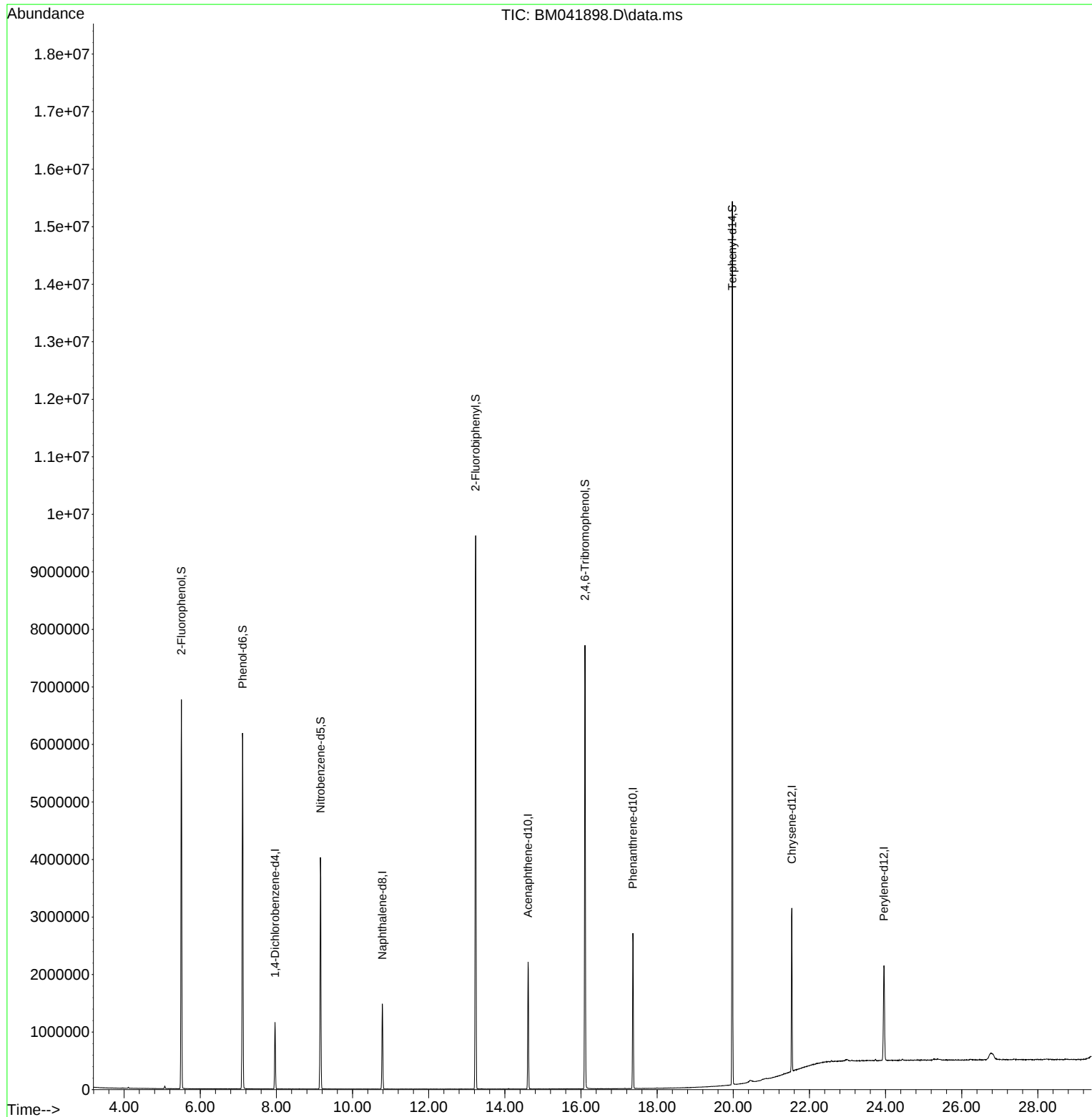
Target Compounds	Qvalue

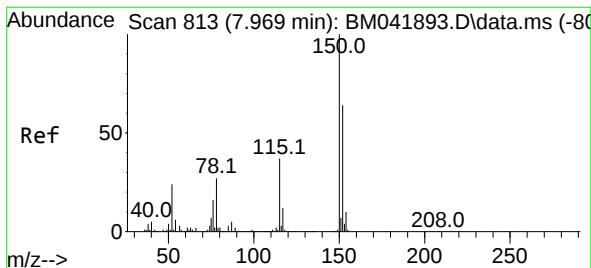
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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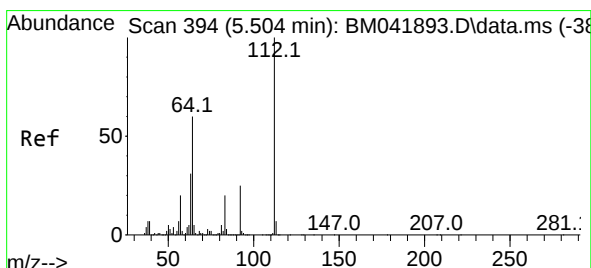
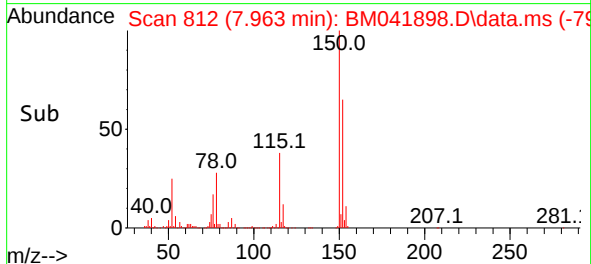
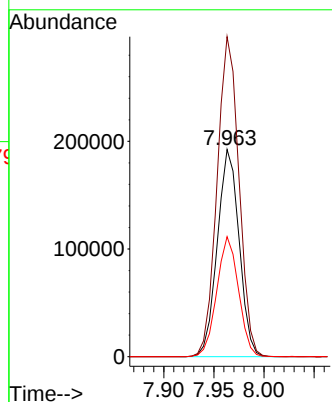
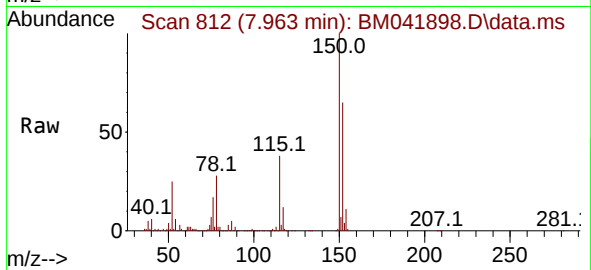




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

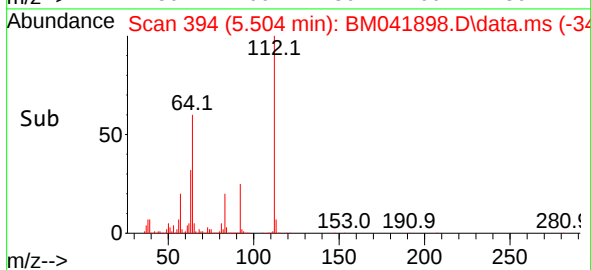
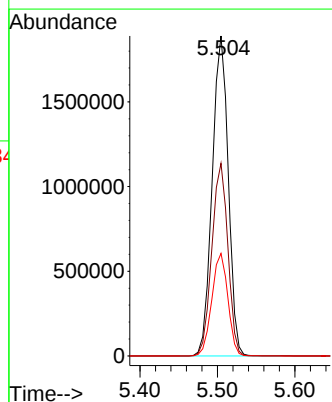
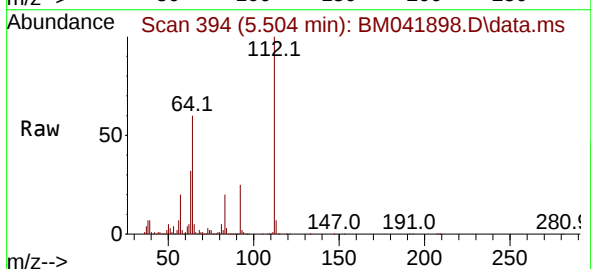
Instrument :
BNA_M
ClientSampleId :
PB155592BL

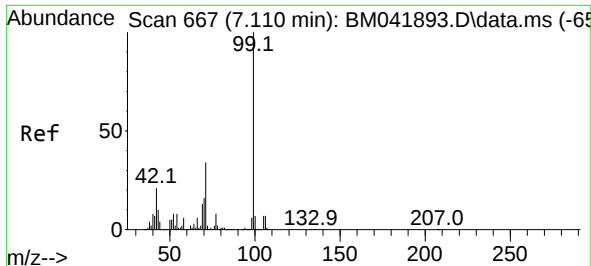
Tgt Ion:152 Resp: 290654
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 57.9 46.8 70.2



#5
2-Fluorophenol
Concen: 155.753 ng
RT: 5.504 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

Tgt Ion:112 Resp: 2717947
Ion Ratio Lower Upper
112 100
64 60.2 48.1 72.1
63 32.1 25.0 37.6

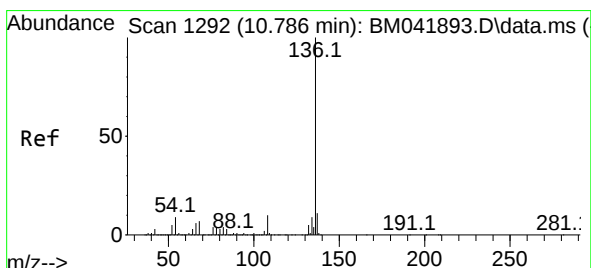
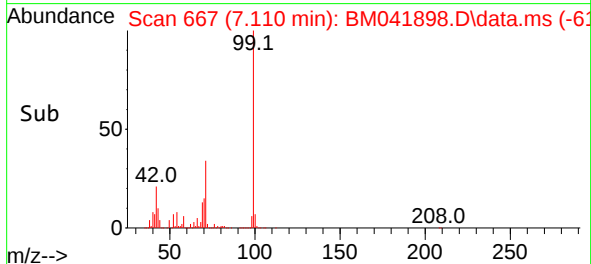
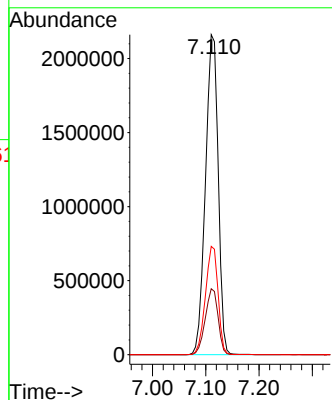
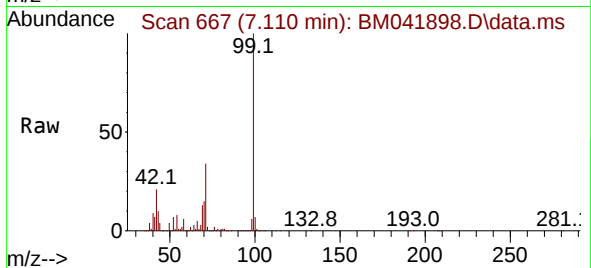




#7
Phenol-d6
Concen: 148.111 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

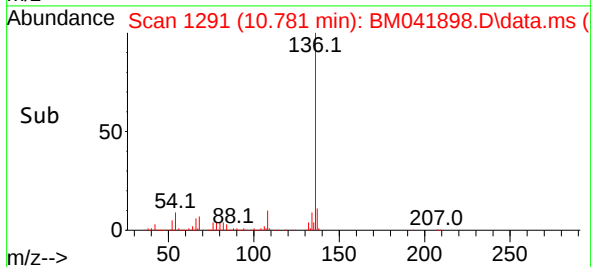
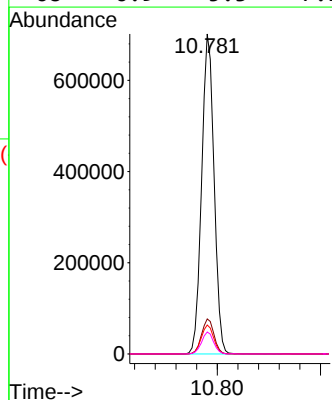
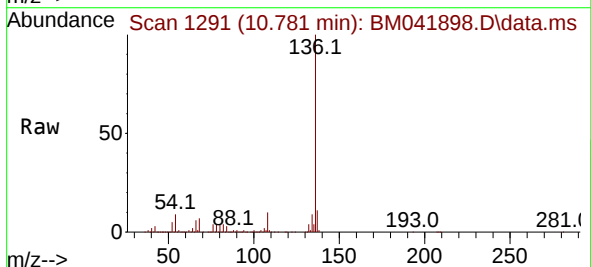
Instrument :
BNA_M
ClientSampleId :
PB155592BL

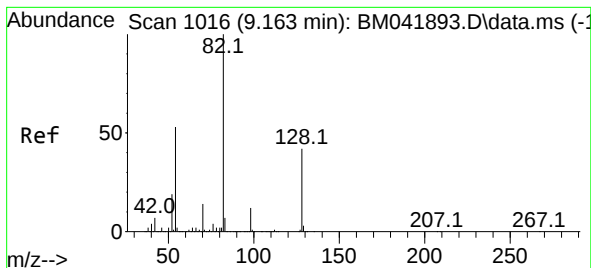
Tgt Ion: 99 Resp: 3588615
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 33.9 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

Tgt Ion: 136 Resp: 1167069
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.3 7.9





#23

Nitrobenzene-d5

Concen: 98.256 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041898.D

Acq: 18 Sep 2023 16:53

Instrument :

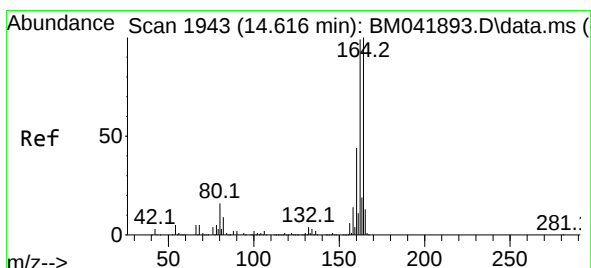
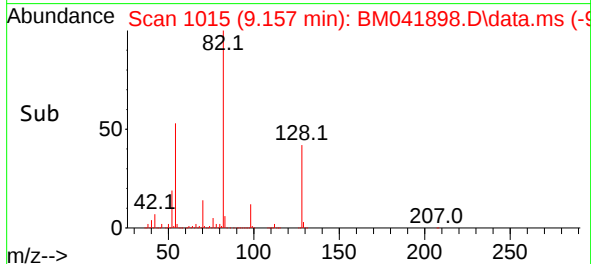
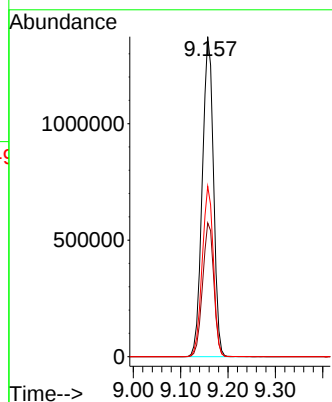
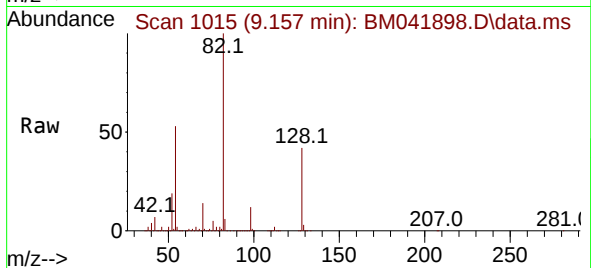
BNA_M

ClientSampleId :

PB155592BL

Tgt Ion: 82 Resp: 2252208

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.8	50.6
54	53.2	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

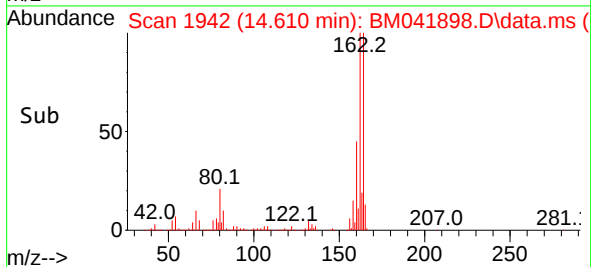
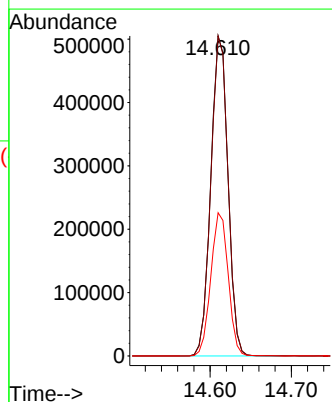
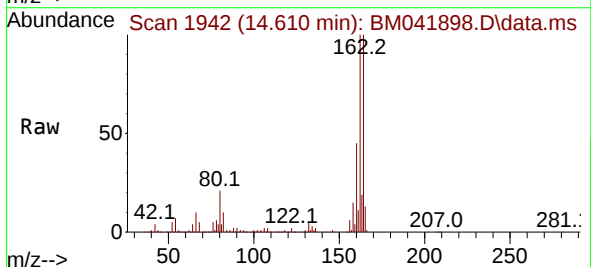
Delta R.T. -0.006 min

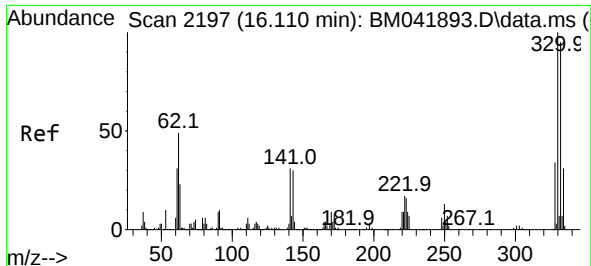
Lab File: BM041898.D

Acq: 18 Sep 2023 16:53

Tgt Ion: 164 Resp: 740775

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.3	118.9
160	44.8	35.6	53.4

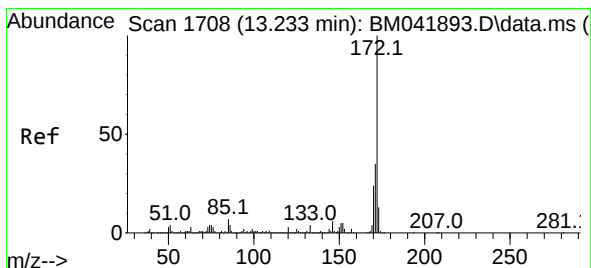
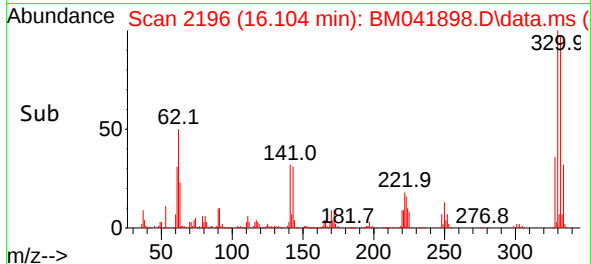
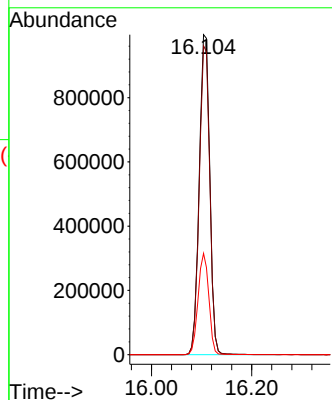
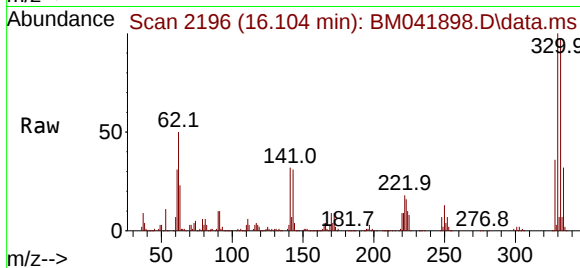




#42
2,4,6-Tribromophenol
Concen: 157.263 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

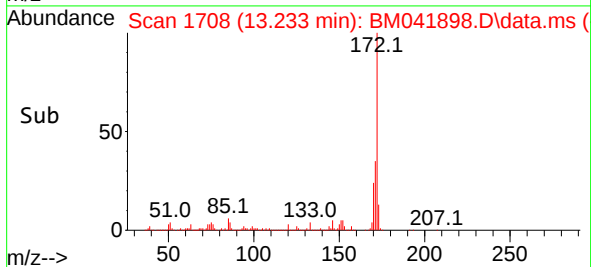
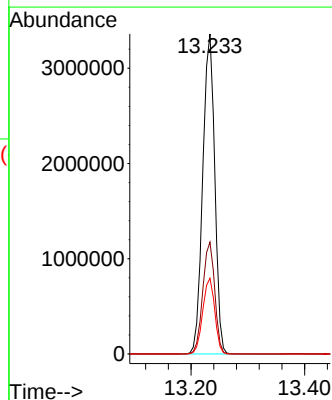
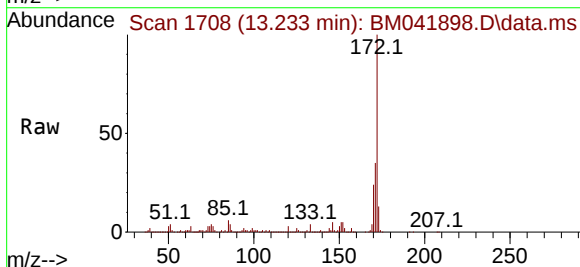
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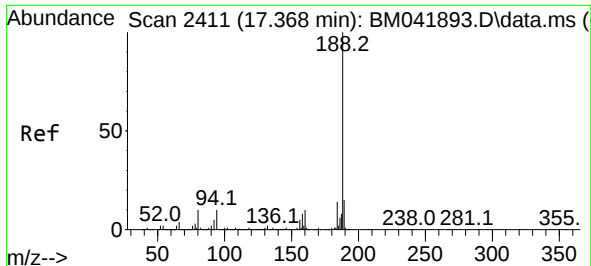
Tgt Ion:330 Resp: 1453525
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 32.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 97.527 ng
RT: 13.233 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

Tgt Ion:172 Resp: 4922166
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.7 19.1 28.7

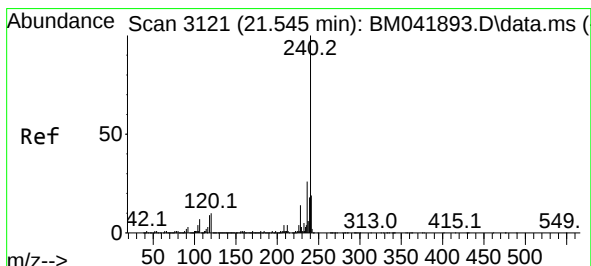
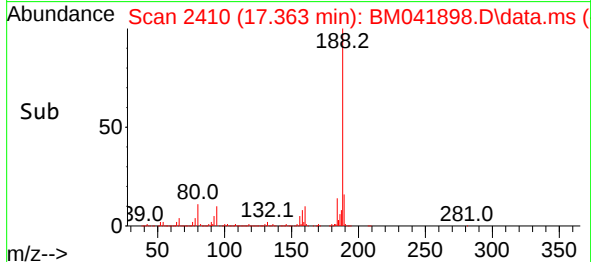
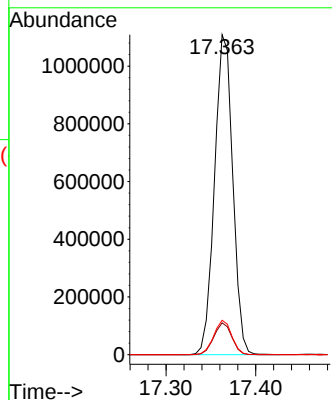
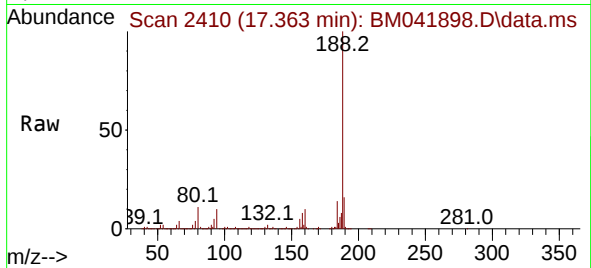




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

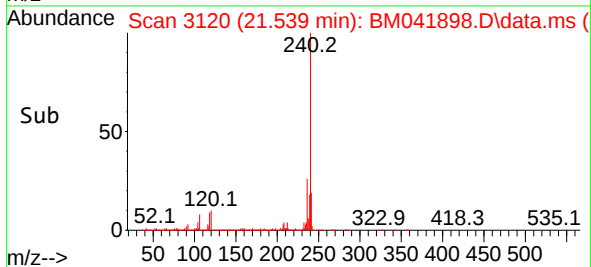
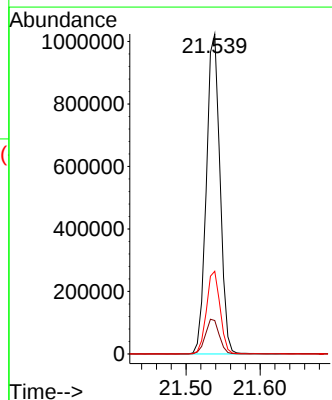
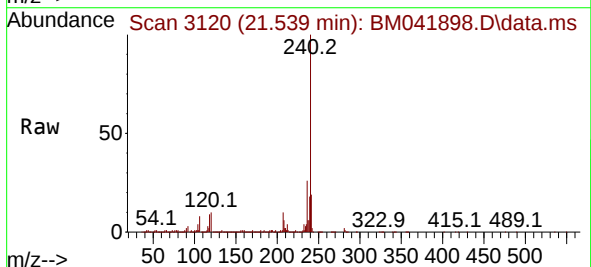
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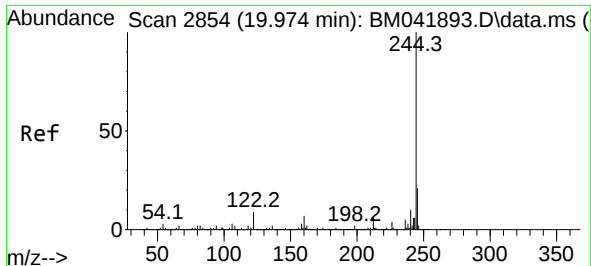
Tgt Ion:188 Resp: 1563371
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM041898.D
Acq: 18 Sep 2023 16:53

Tgt Ion:240 Resp: 1306780
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 25.9 20.7 31.1

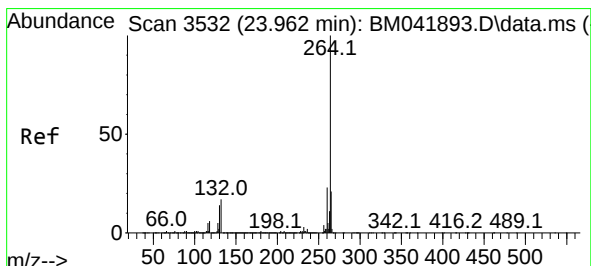
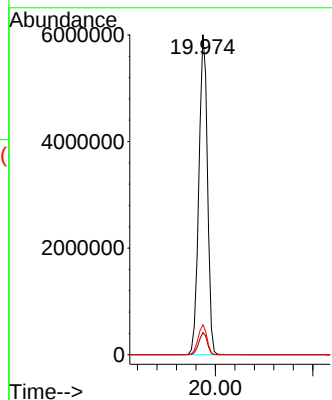
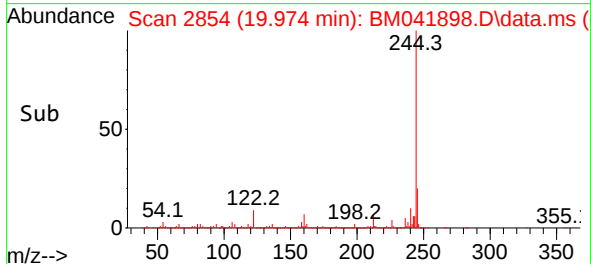
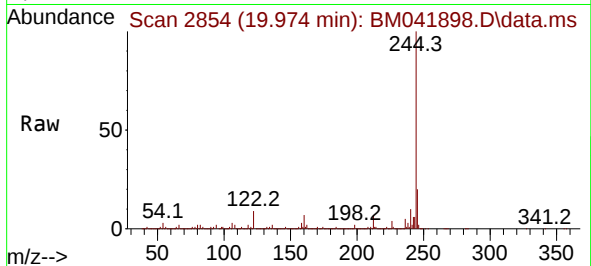




#79
 Terphenyl-d14
 Concen: 103.279 ng
 RT: 19.974 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041898.D
 Acq: 18 Sep 2023 16:53

Instrument :
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Tgt Ion:244 Resp: 7410262
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.956 min Scan# 3531
 Delta R.T. -0.006 min
 Lab File: BM041898.D
 Acq: 18 Sep 2023 16:53

Tgt Ion:264 Resp: 1314117
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.1 17.0 25.6

