

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041919.D
 Acq On : 20 Sep 2023 01:04
 Operator : MA/JU
 Sample : 04299-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01

Quant Time: Sep 20 02:14:06 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	328296	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1357195	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	880616	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1907057	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1758052	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1816993	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1105895	56.107	ng	0.00
7) Phenol-d6	7.104	99	1109647	40.547	ng	0.00
23) Nitrobenzene-d5	9.157	82	2468121	92.592	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1116417	101.608	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5557944	92.637	ng	0.00
79) Terphenyl-d14	19.974	244	8491053	87.965	ng	0.00

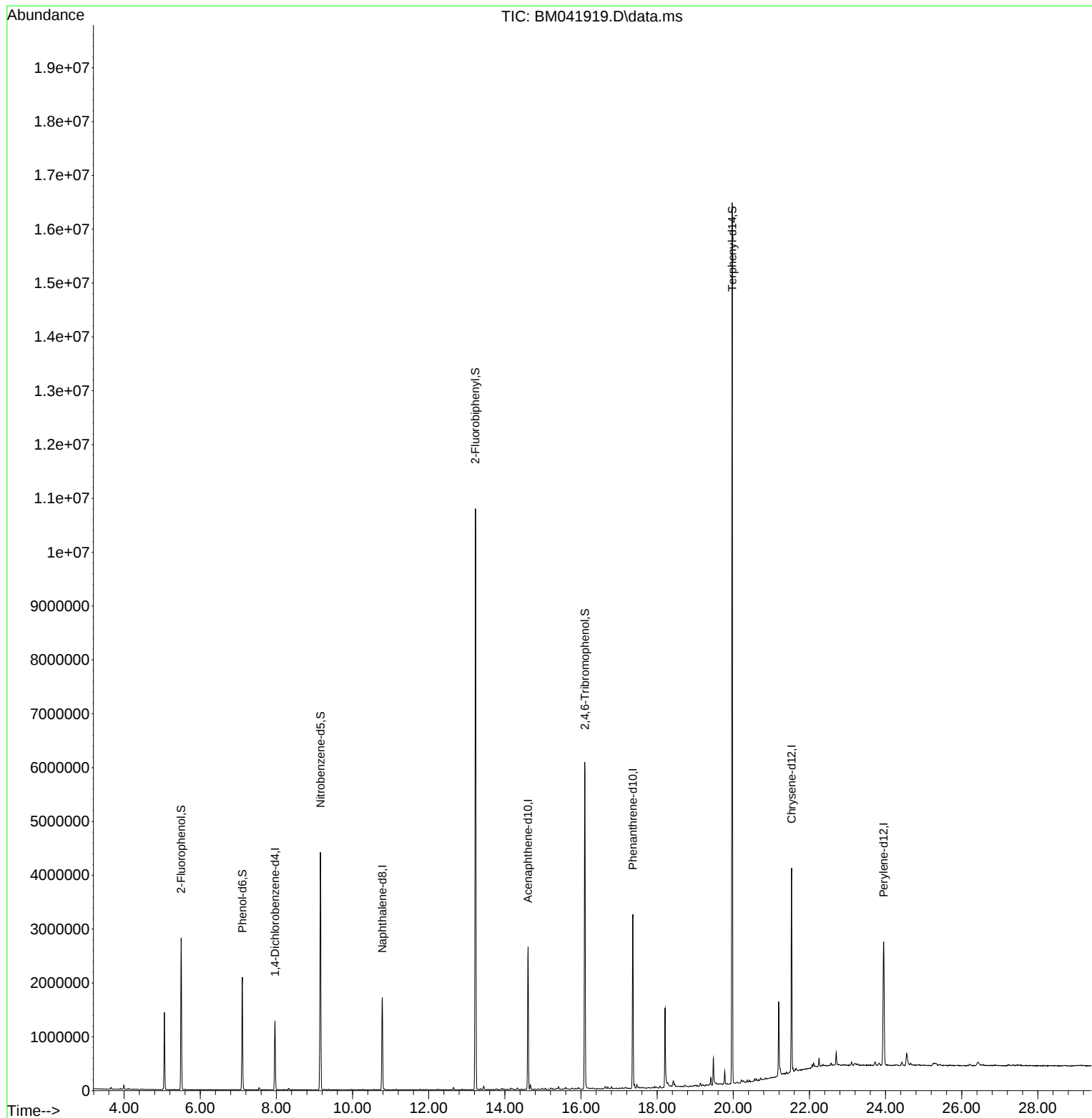
Target Compounds	Qvalue

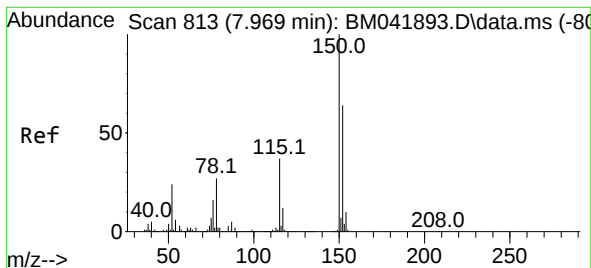
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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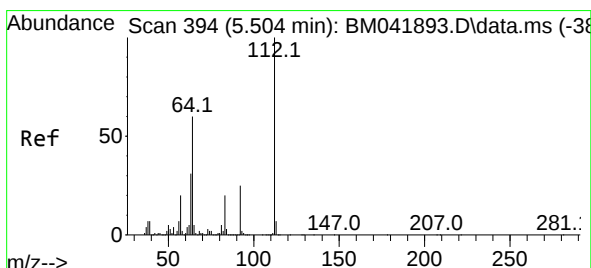
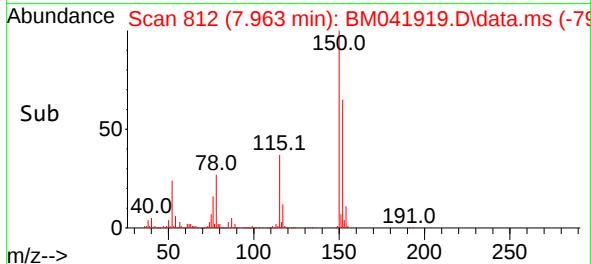
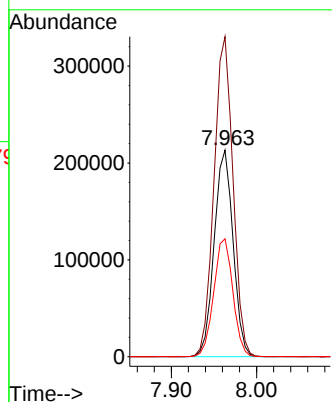
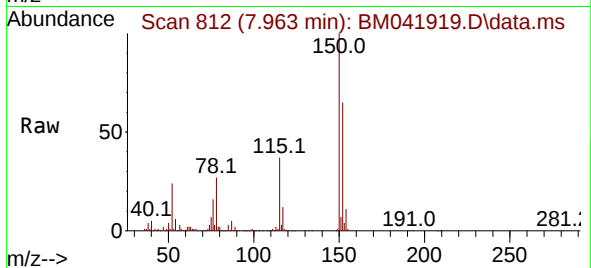




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

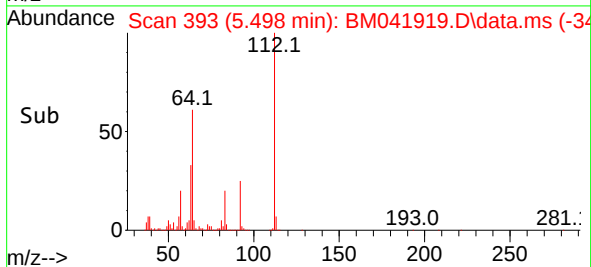
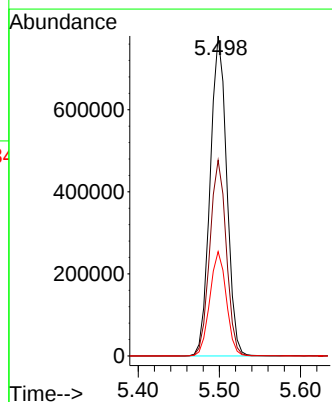
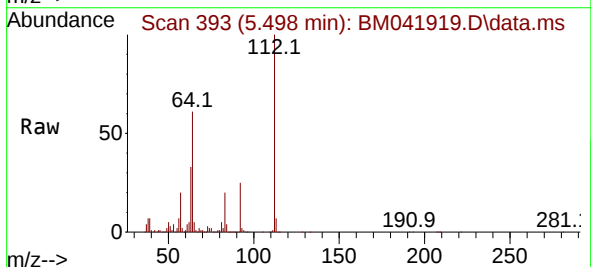
Instrument :
BNA_M
ClientSampleId :
MW-01

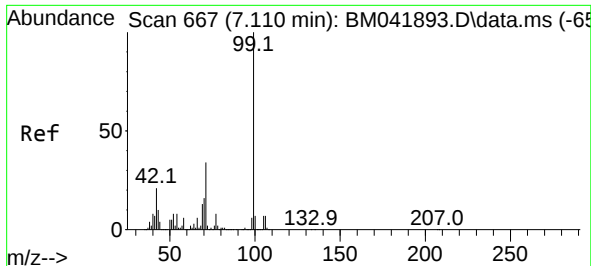
Tgt Ion:152 Resp: 328296
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 57.1 46.8 70.2



#5
2-Fluorophenol
Concen: 56.107 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

Tgt Ion:112 Resp: 1105895
Ion Ratio Lower Upper
112 100
64 61.1 48.1 72.1
63 32.6 25.0 37.6

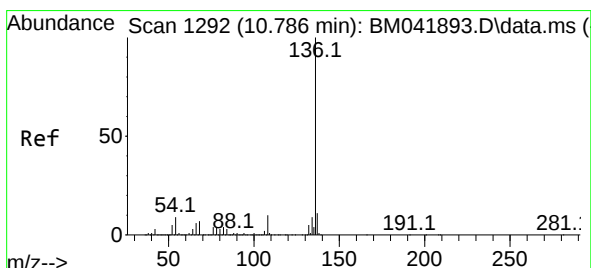
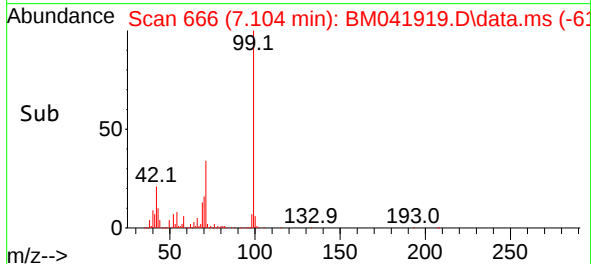
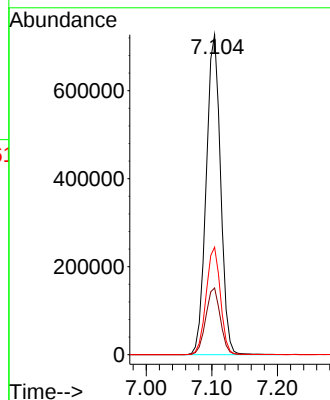
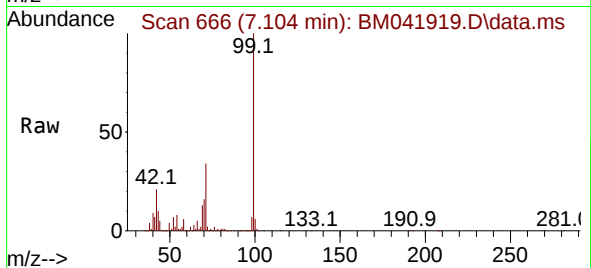




#7
Phenol-d6
Concen: 40.547 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

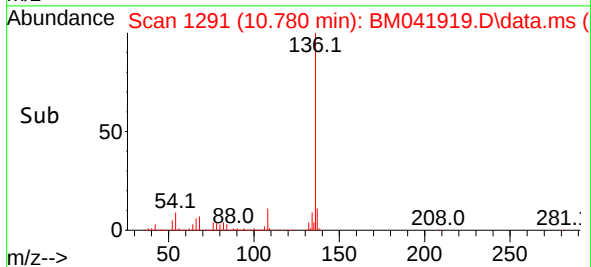
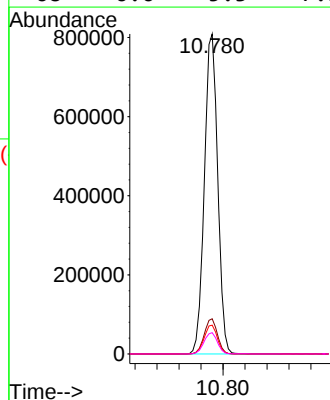
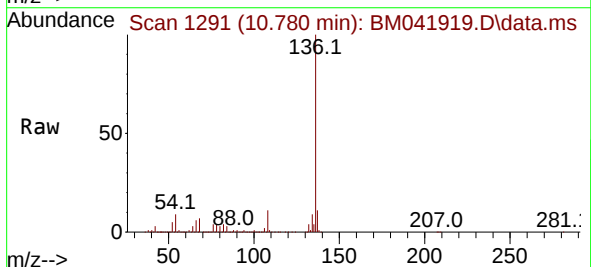
Instrument :
BNA_M
ClientSampleId :
MW-01

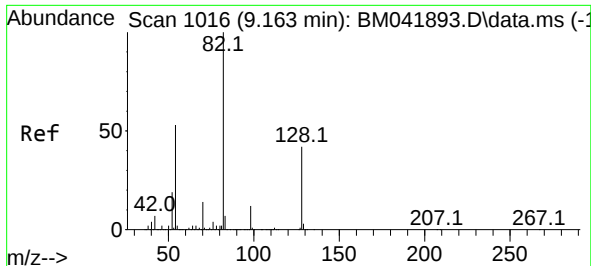
Tgt Ion: 99 Resp: 1109647
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 33.6 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

Tgt Ion: 136 Resp: 1357195
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.0 10.4
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 92.592 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041919.D

Acq: 20 Sep 2023 01:04

Instrument :

BNA_M

ClientSampleId :

MW-01

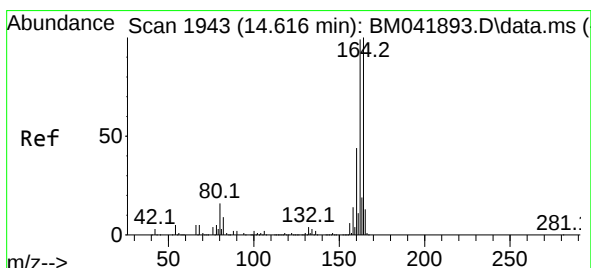
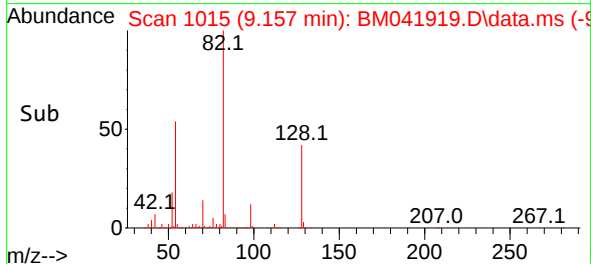
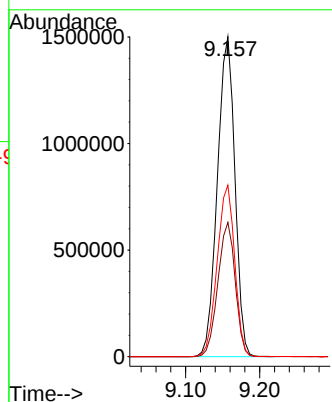
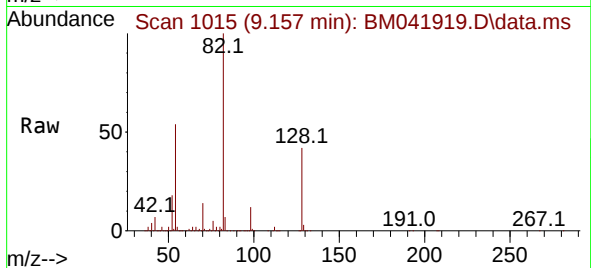
Tgt Ion: 82 Resp: 2468121

Ion Ratio Lower Upper

82 100

128 41.9 33.8 50.6

54 53.6 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: BM041919.D

Acq: 20 Sep 2023 01:04

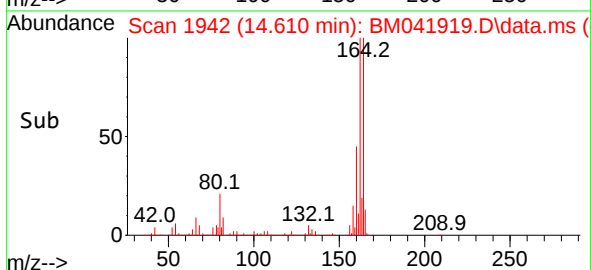
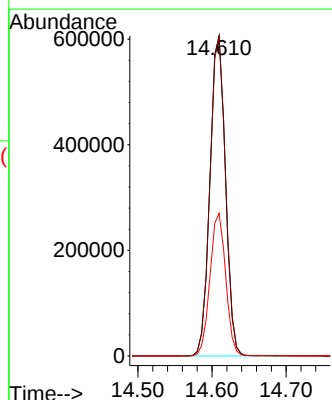
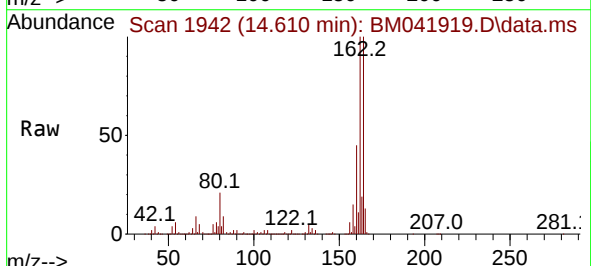
Tgt Ion:164 Resp: 880616

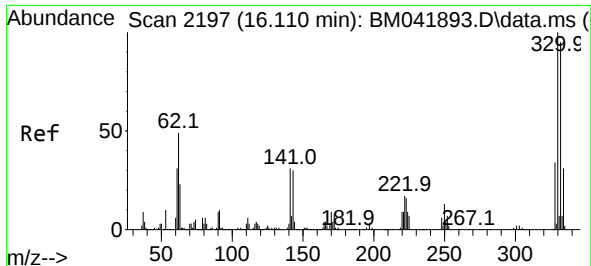
Ion Ratio Lower Upper

164 100

162 100.1 79.3 118.9

160 44.6 35.6 53.4

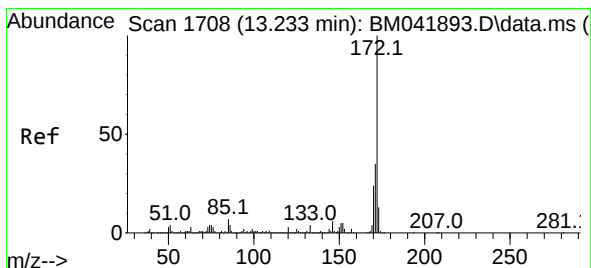
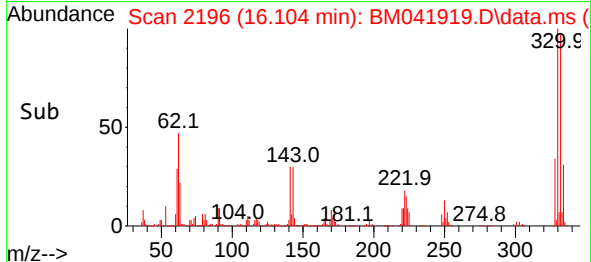
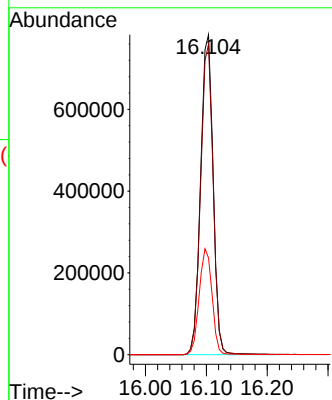
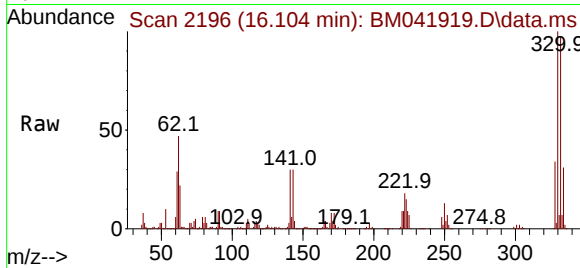




#42
2,4,6-Tribromophenol
Concen: 101.608 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

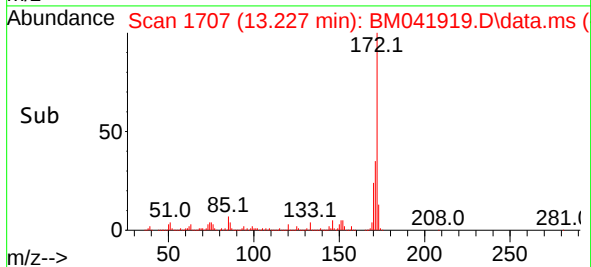
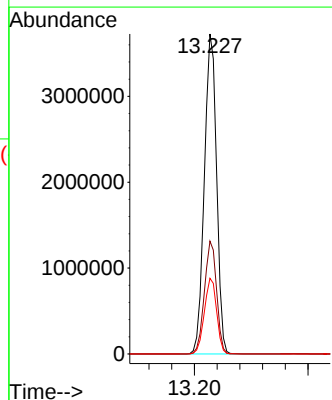
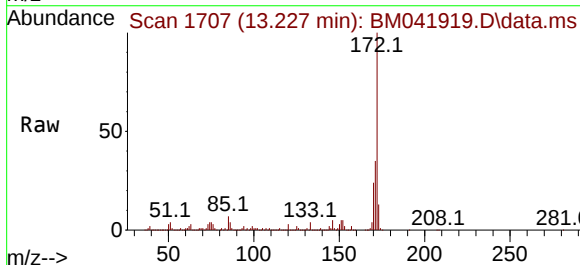
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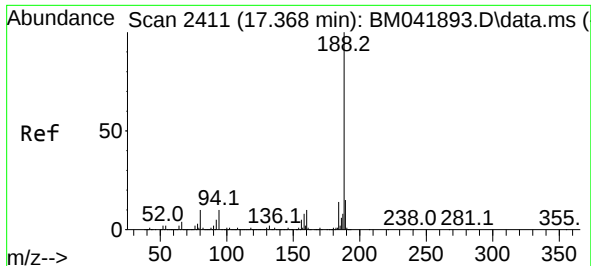
Tgt Ion:330 Resp: 1116417
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 34.1 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 92.637 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

Tgt Ion:172 Resp: 5557944
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.7 19.1 28.7

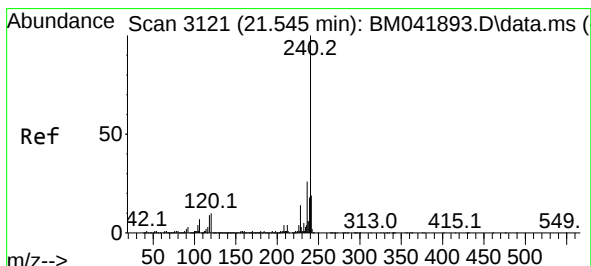
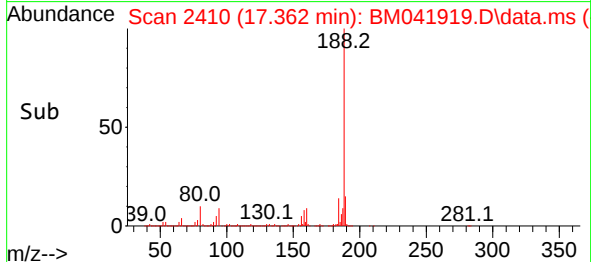
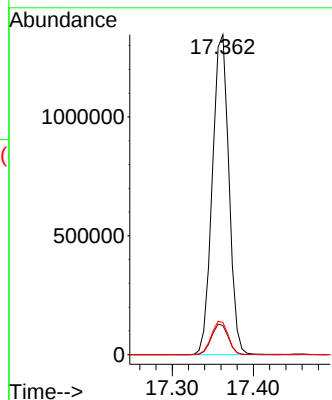
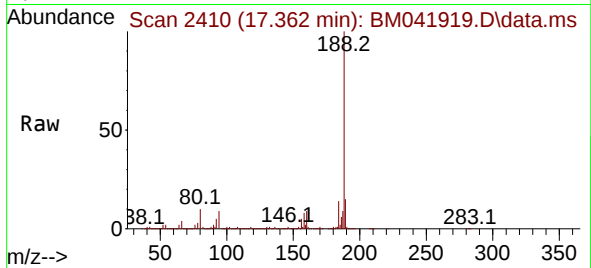




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

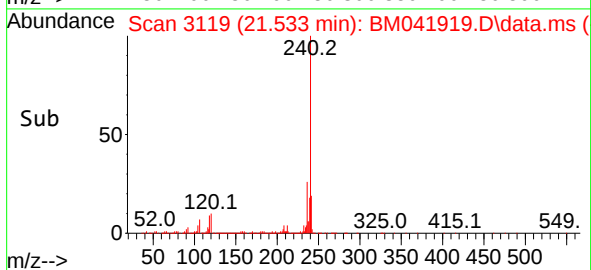
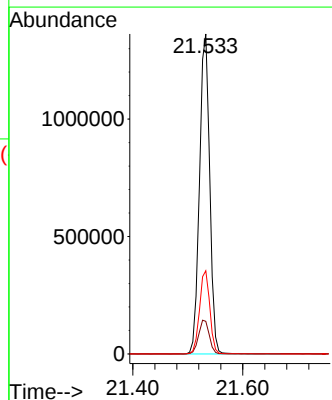
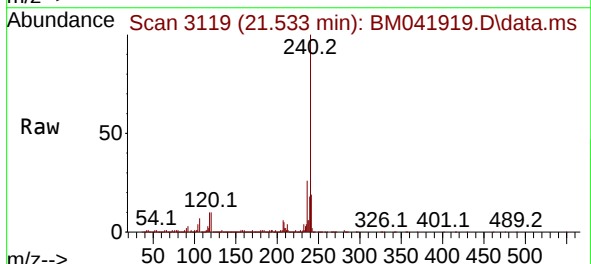
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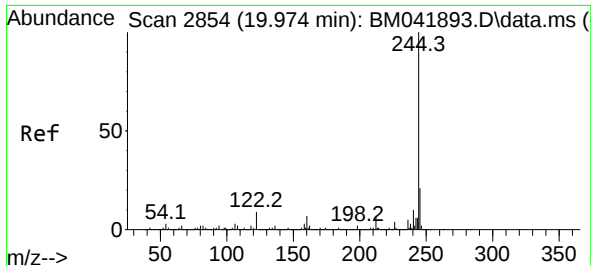
Tgt Ion:188 Resp: 1907057
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041919.D
Acq: 20 Sep 2023 01:04

Tgt Ion:240 Resp: 1758052
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.0 20.7 31.1

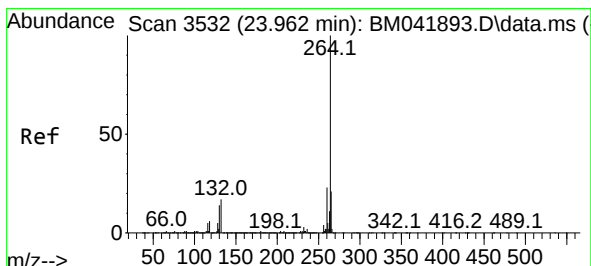
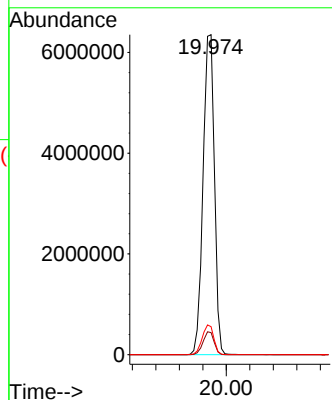
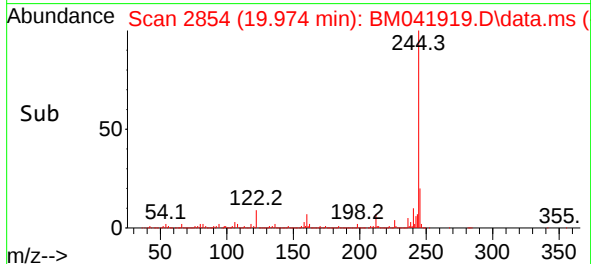
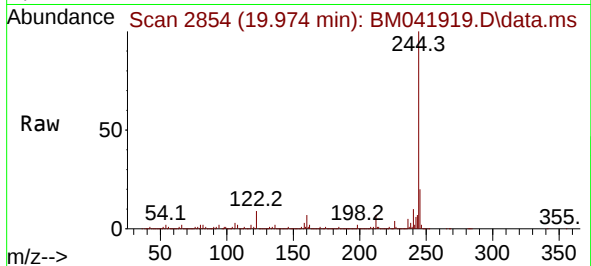




#79
 Terphenyl-d14
 Concen: 87.965 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041919.D
 Acq: 20 Sep 2023 01:04

Instrument :
 BNA_M
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 8491053
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 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: BM041919.D
 Acq: 20 Sep 2023 01:04

Tgt Ion:264 Resp: 1816993
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 21.8 17.0 25.6

