

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041218.D
 Acq On : 01 Aug 2023 10:59
 Operator : MA/JU
 Sample : 03847-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CO-405557

Quant Time: Aug 02 01:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

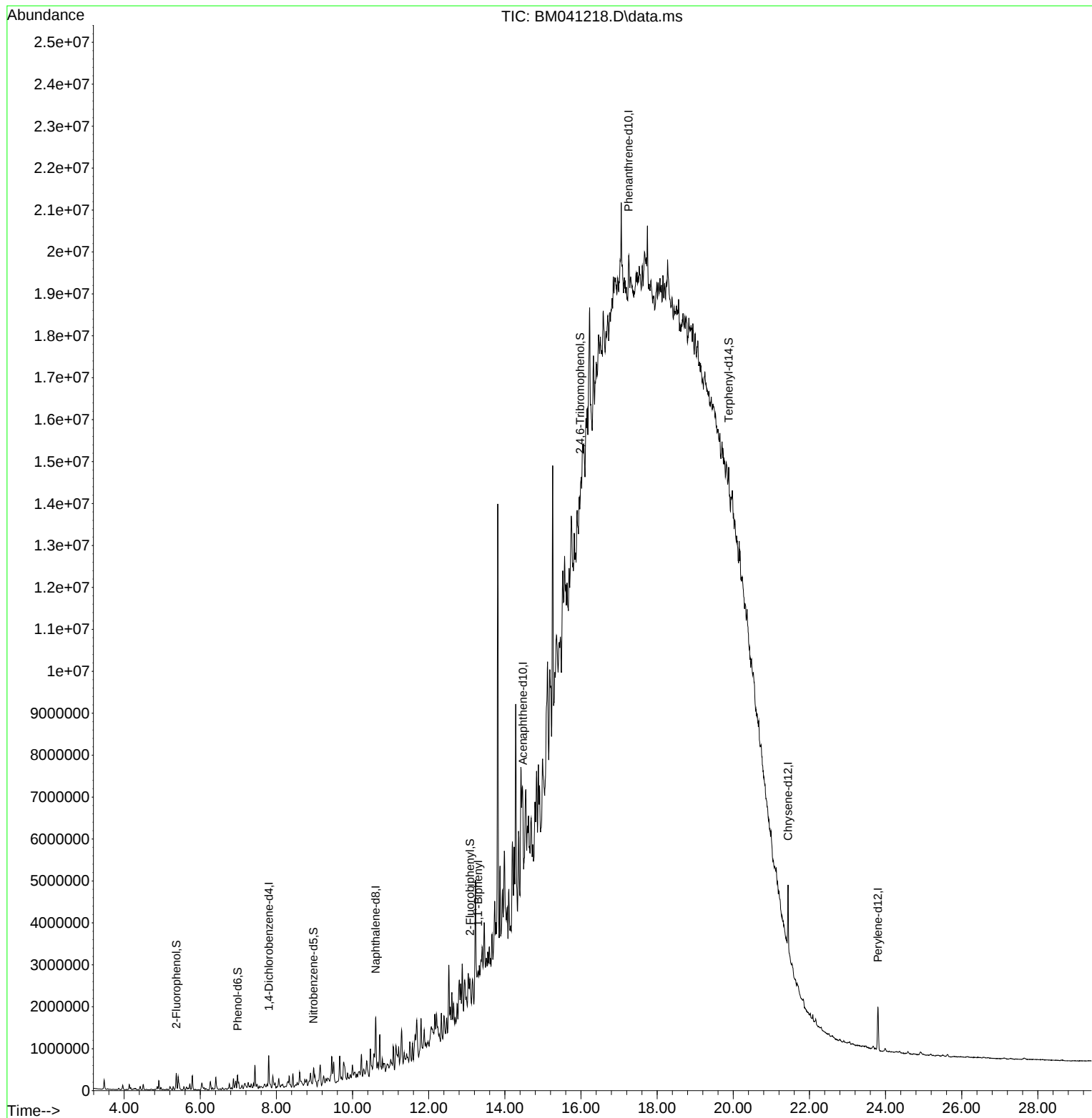
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	190073	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	714211	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	373684	20.000	ng	0.01
64) Phenanthrene-d10	17.251	188	513584	20.000	ng	# 0.03
76) Chrysene-d12	21.439	240	664258	20.000	ng	0.01
86) Perylene-d12	23.797	264	784342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	160668	12.634	ng	0.00
7) Phenol-d6	6.981	99	202496	12.284	ng	0.00
23) Nitrobenzene-d5	8.975	82	116729	7.601	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	59411	11.240	ng	0.02
45) 2-Fluorobiphenyl	13.086	172	255527	8.638	ng	0.00
79) Terphenyl-d14	19.880	244	306614	8.346	ng	0.02
Target Compounds						
46) 1,1'-Biphenyl	13.298	154	120336	3.972	ng	Qvalue 98

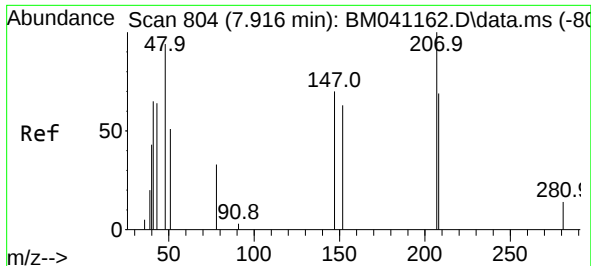
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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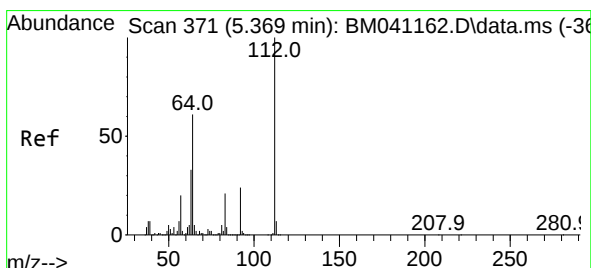
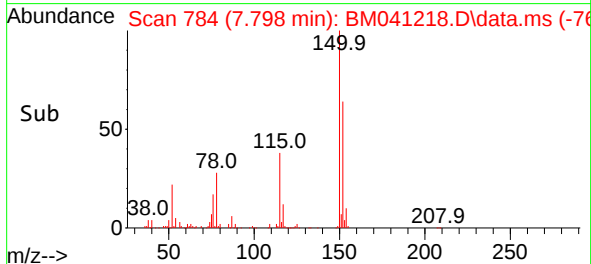
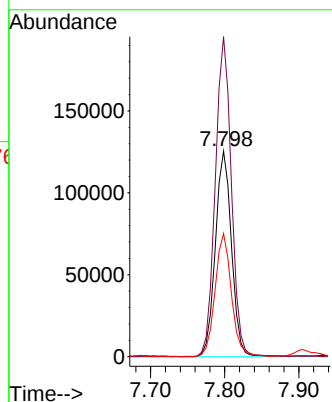
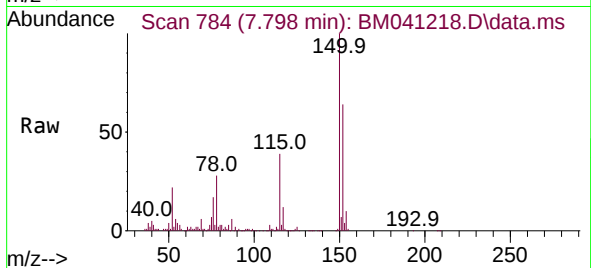




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

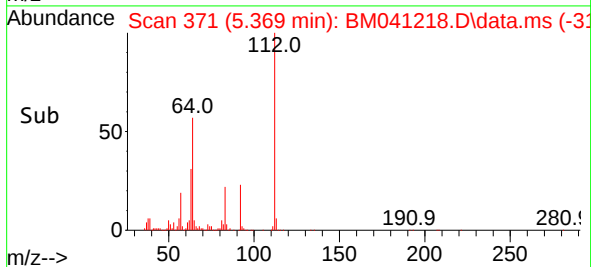
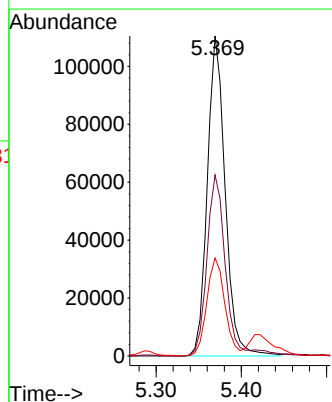
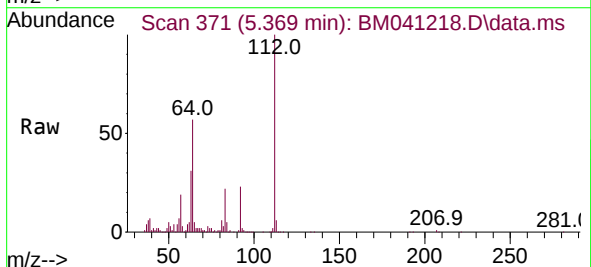
Instrument :
BNA_M
ClientSampleId :
CO-405557

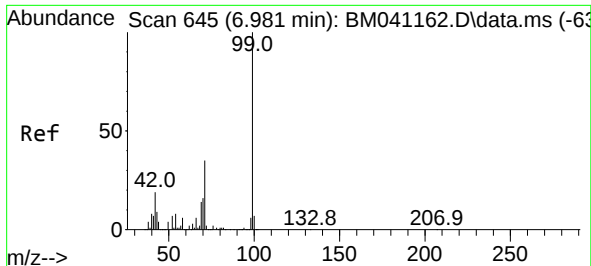
Tgt Ion:152 Resp: 190073
Ion Ratio Lower Upper
152 100
150 155.6 125.5 188.3
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 12.634 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion:112 Resp: 160668
Ion Ratio Lower Upper
112 100
64 56.6 48.5 72.7
63 30.6 26.5 39.7

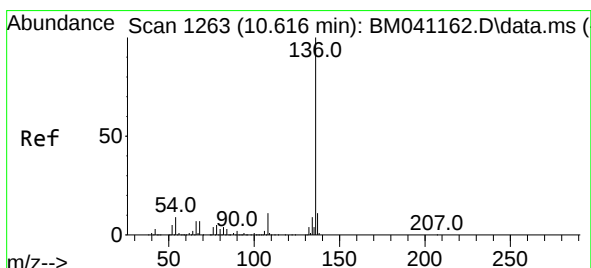
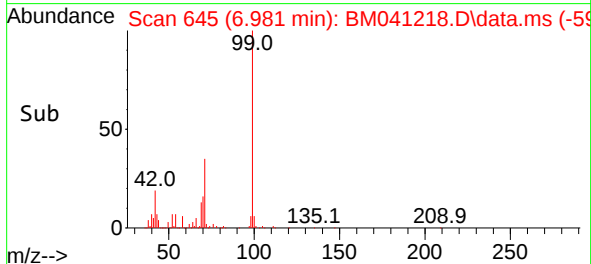
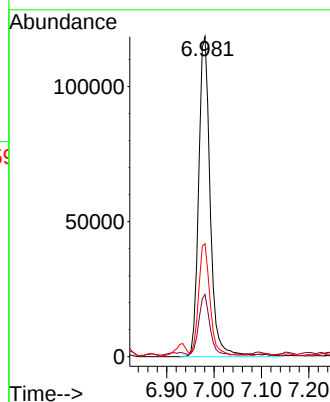
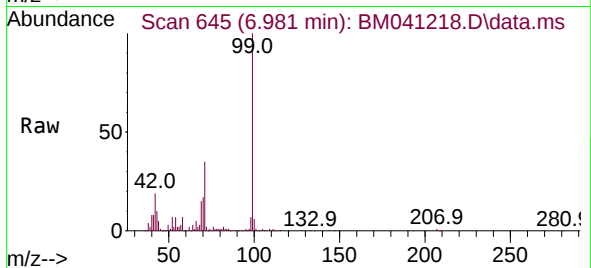




#7
Phenol-d6
Concen: 12.284 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

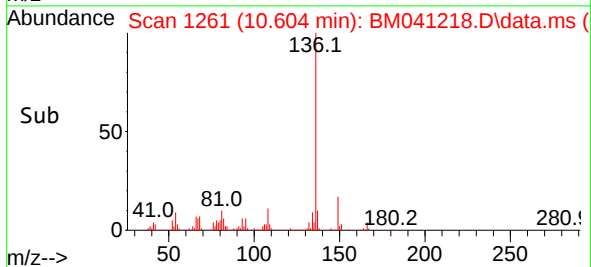
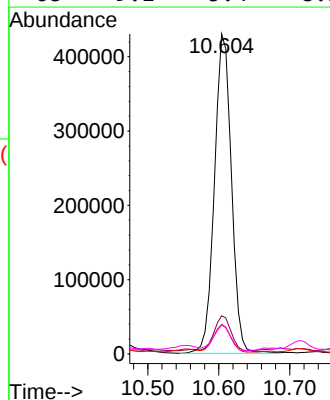
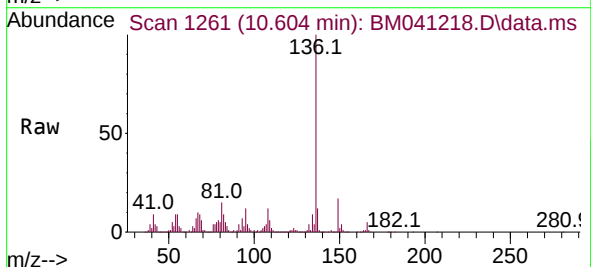
Instrument :
BNA_M
ClientSampleId :
CO-405557

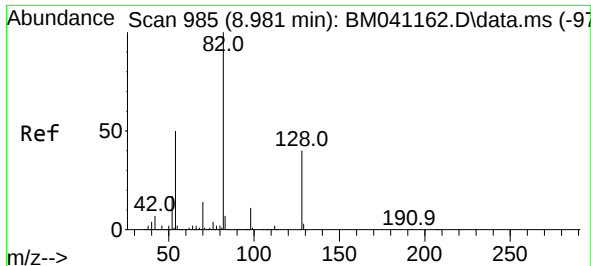
Tgt Ion: 99 Resp: 202496
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion: 136 Resp: 714211
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 9.2 6.9 10.3
68 9.1 5.4 8.2#

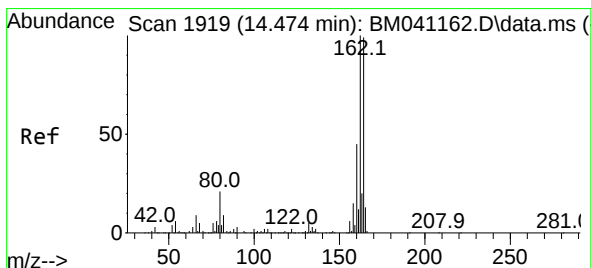
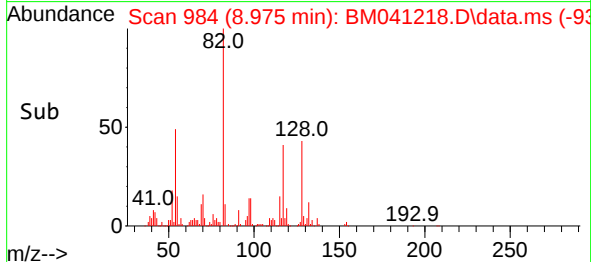
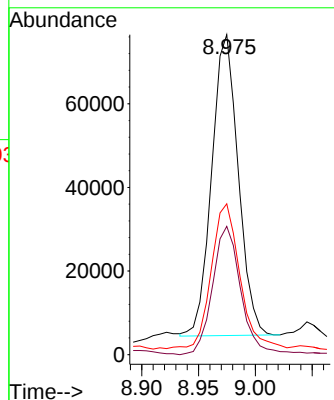
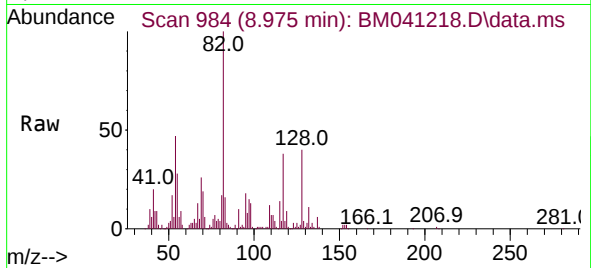




#23
Nitrobenzene-d5
Concen: 7.601 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

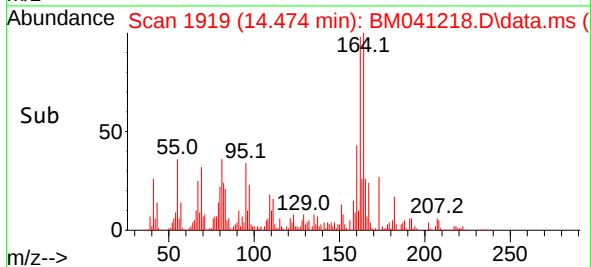
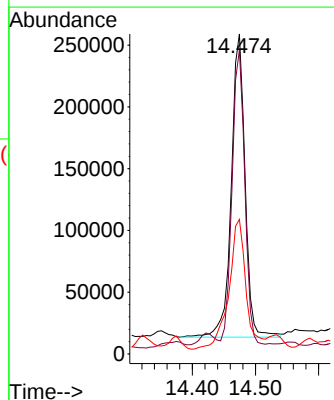
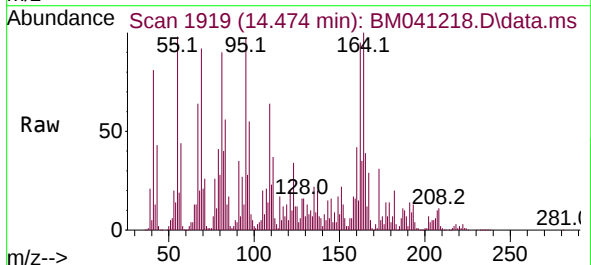
Instrument :
BNA_M
ClientSampleId :
CO-405557

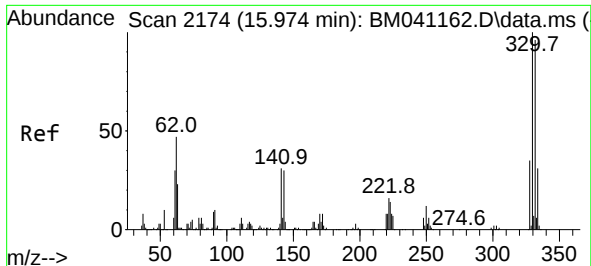
Tgt Ion: 82 Resp: 116729
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 47.1 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1919
Delta R.T. 0.012 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion: 164 Resp: 373684
Ion Ratio Lower Upper
164 100
162 95.0 80.4 120.6
160 42.1 36.2 54.2

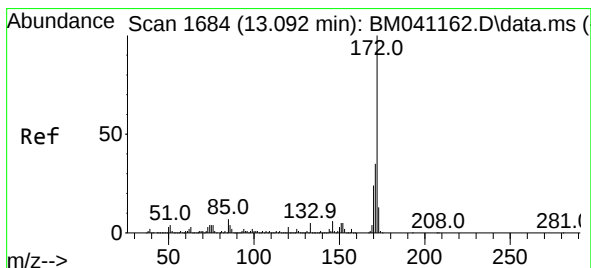
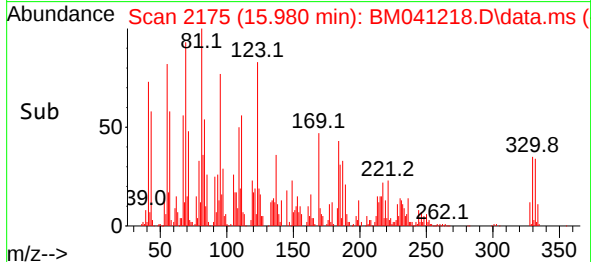
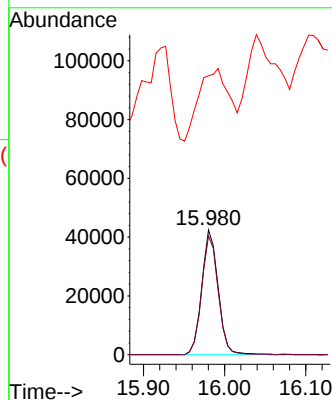
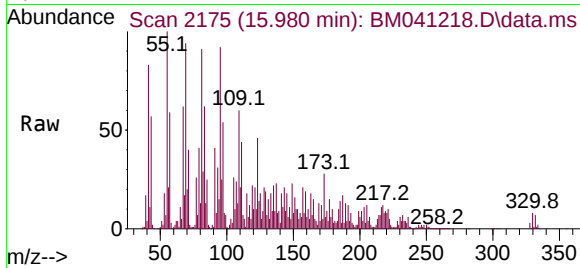




#42
2,4,6-Tribromophenol
Concen: 11.240 ng
RT: 15.980 min Scan# 2175
Delta R.T. 0.018 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

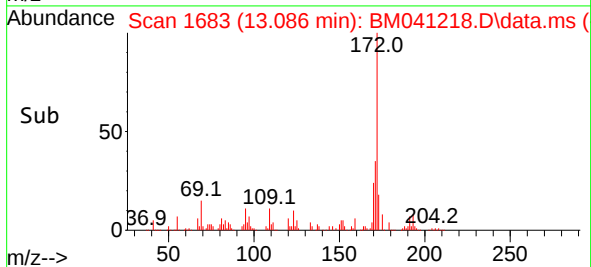
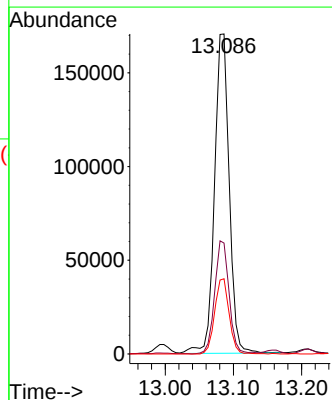
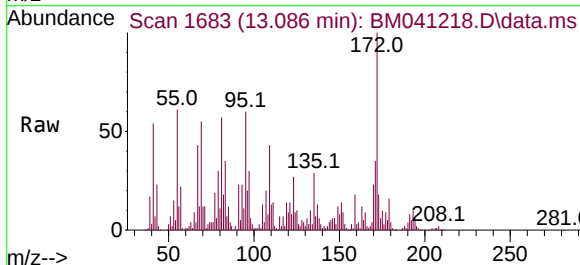
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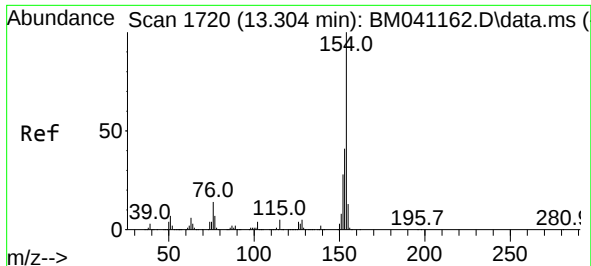
Tgt Ion:330 Resp: 59411
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 107.8 28.3 42.5#



#45
2-Fluorobiphenyl
Concen: 8.638 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion:172 Resp: 255527
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3

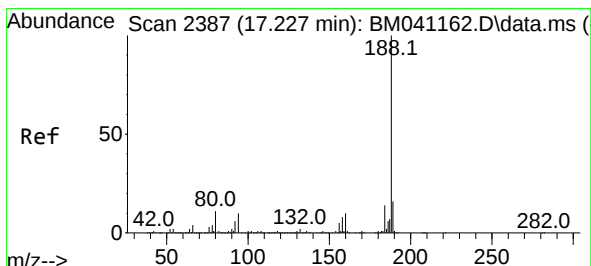
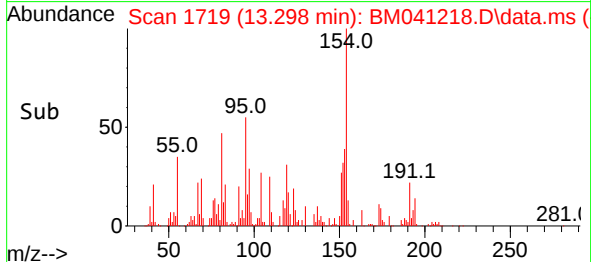
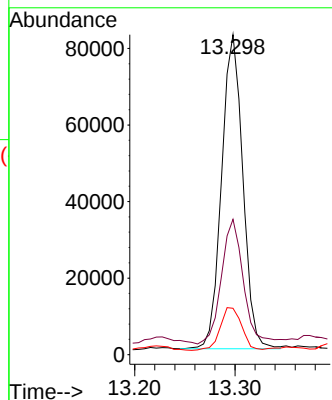
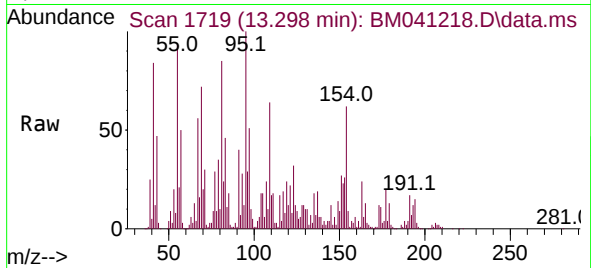




#46
1,1'-Biphenyl
Concen: 3.972 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

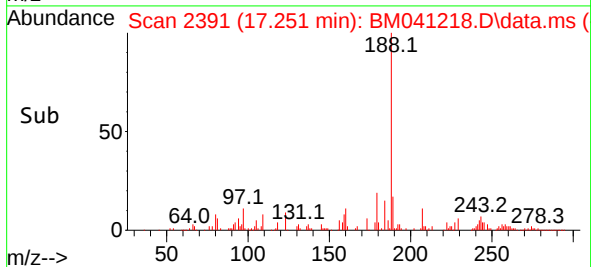
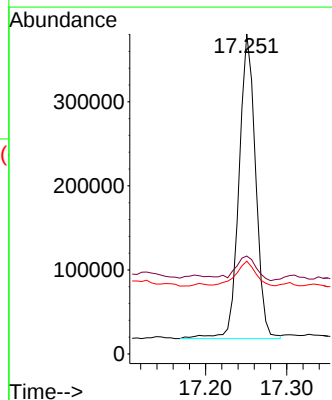
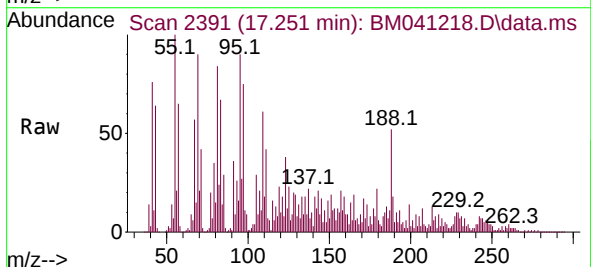
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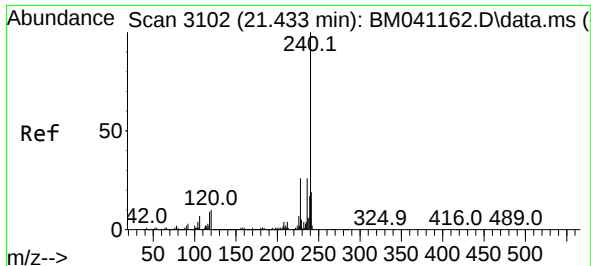
Tgt Ion:154 Resp: 120336
Ion Ratio Lower Upper
154 100
153 42.3 20.5 60.5
76 14.5 0.0 34.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2391
Delta R.T. 0.029 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion:188 Resp: 513584
Ion Ratio Lower Upper
188 100
94 30.6 8.2 12.2#
80 29.0 8.6 13.0#

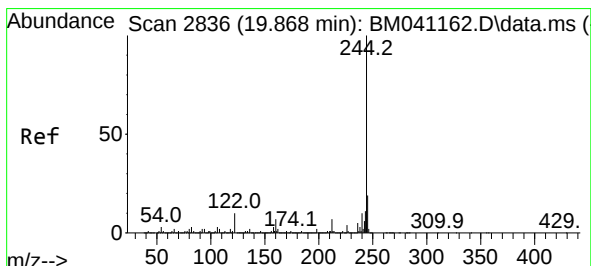
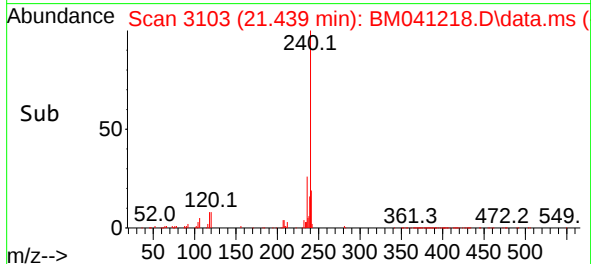
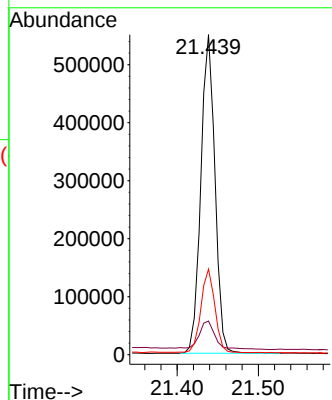
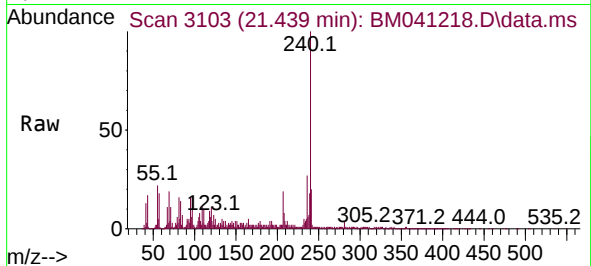




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3102
Delta R.T. 0.012 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

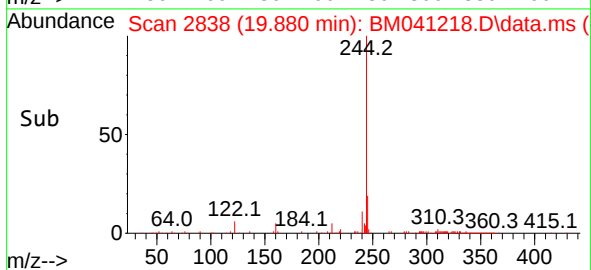
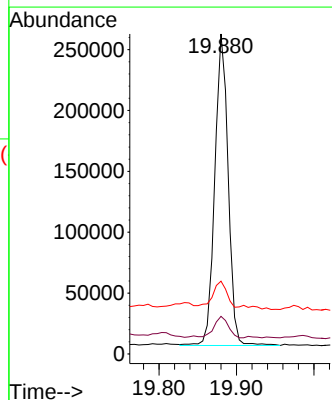
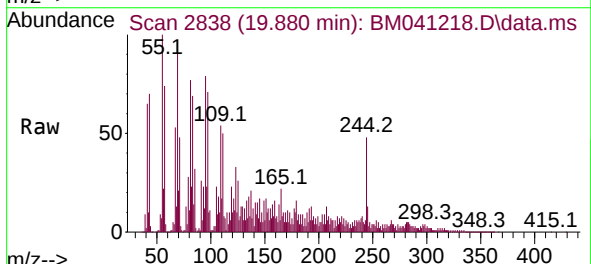
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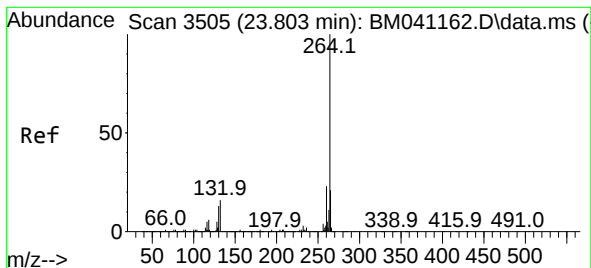
Tgt Ion:240 Resp: 664258
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.8 20.6 30.8



#79
Terphenyl-d14
Concen: 8.346 ng
RT: 19.880 min Scan# 2838
Delta R.T. 0.018 min
Lab File: BM041218.D
Acq: 01 Aug 2023 10:59

Tgt Ion:244 Resp: 306614
Ion Ratio Lower Upper
244 100
212 11.8 5.4 8.2#
122 22.8 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM041218.D

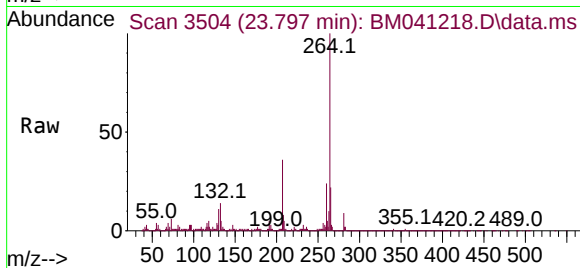
Acq: 01 Aug 2023 10:59

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 784342

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.4 26.0

