

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041365.D
 Acq On : 10 Aug 2023 16:32
 Operator : MA/JU
 Sample : 03955-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-28

Quant Time: Aug 11 03:33:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

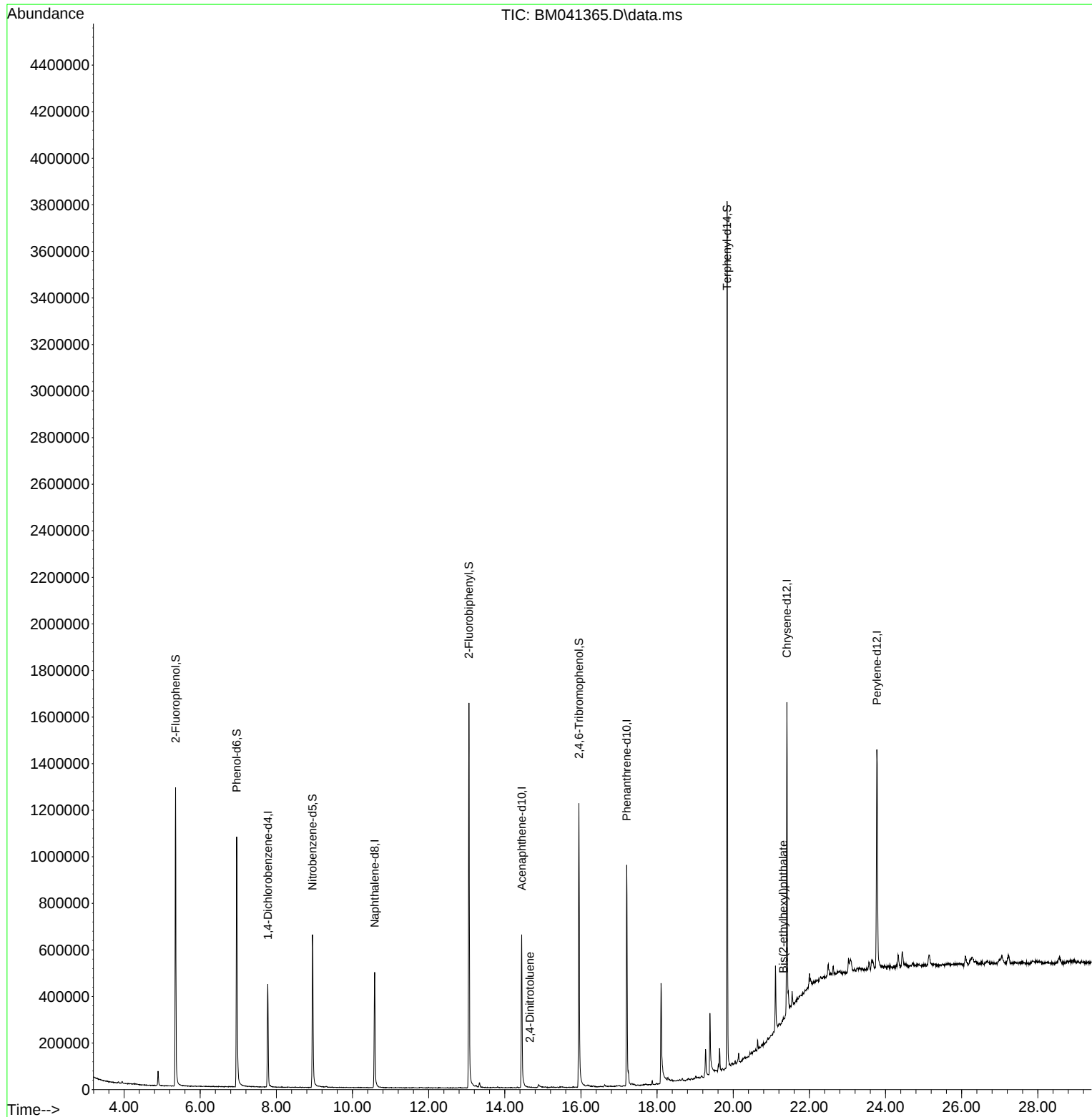
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	117005	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	435675	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	263916	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	603869	20.000	ng	0.00
76) Chrysene-d12	21.409	240	636014	20.000	ng	0.00
86) Perylene-d12	23.774	264	777970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	533120	68.099	ng	0.00
7) Phenol-d6	6.957	99	644179	63.480	ng	-0.01
23) Nitrobenzene-d5	8.951	82	427061	45.585	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	261888	70.156	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	919368	44.006	ng	0.00
79) Terphenyl-d14	19.839	244	1734689	49.314	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.657	165	54	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	2502	2.631	ng	# 96

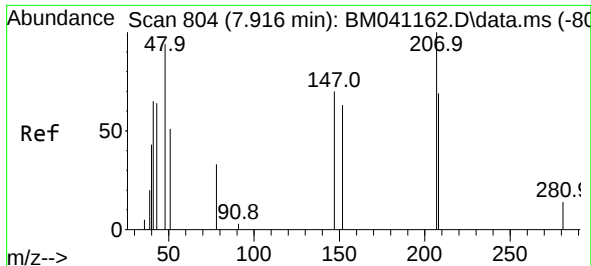
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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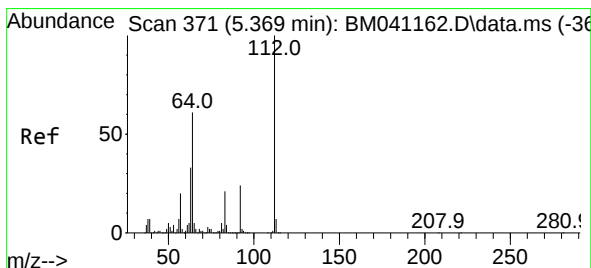
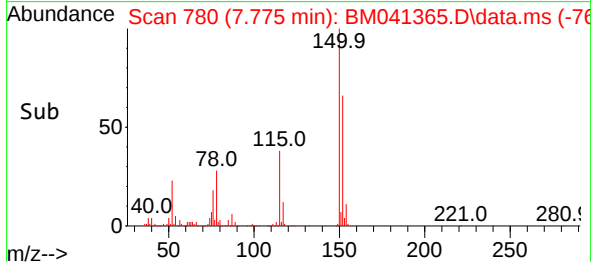
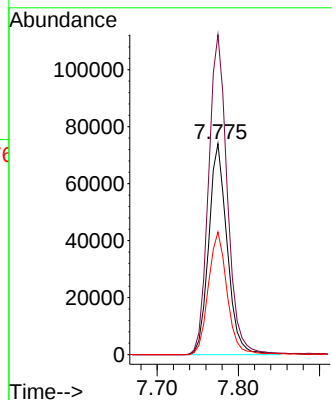
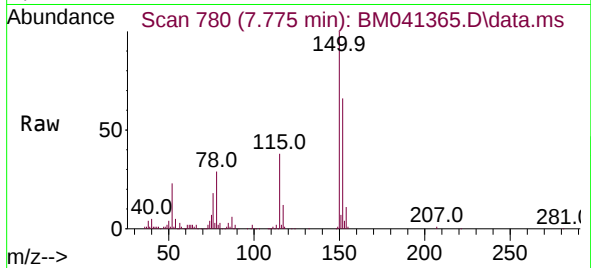




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

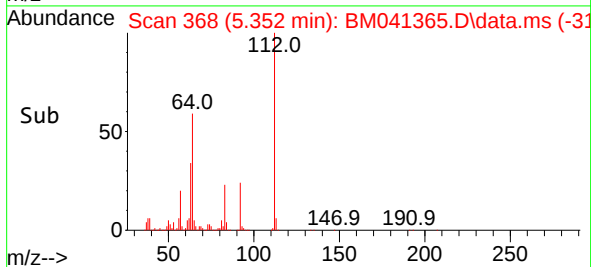
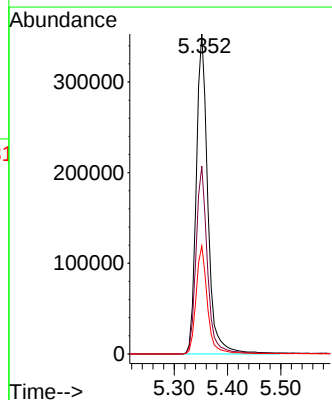
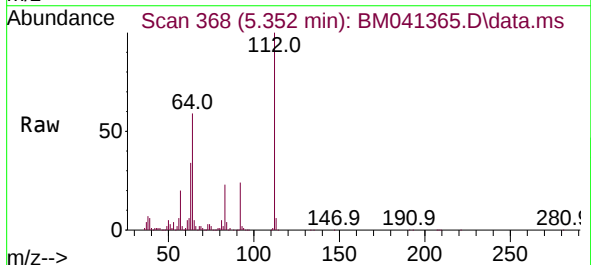
Instrument :
BNA_M
ClientSampleId :
WC-28

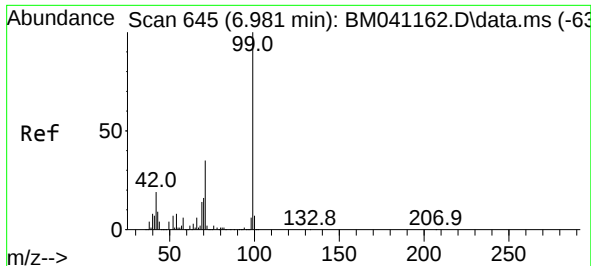
Tgt Ion:152 Resp: 117005
Ion Ratio Lower Upper
152 100
150 151.7 125.5 188.3
115 58.2 48.0 72.0



#5
2-Fluorophenol
Concen: 68.099 ng
RT: 5.352 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion:112 Resp: 533120
Ion Ratio Lower Upper
112 100
64 58.6 48.5 72.7
63 33.7 26.5 39.7

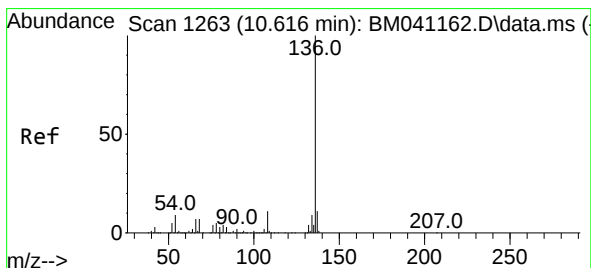
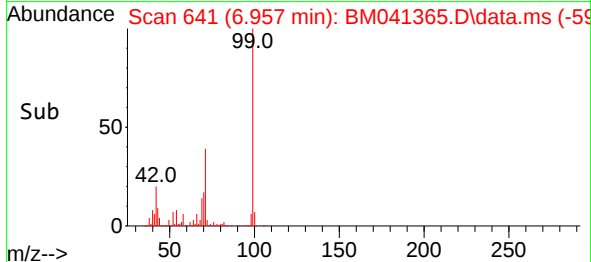
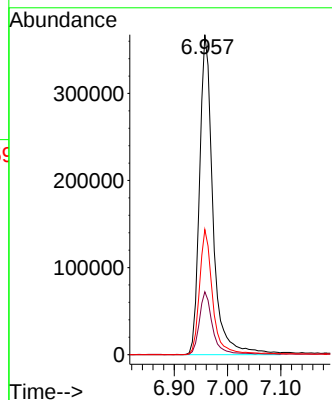
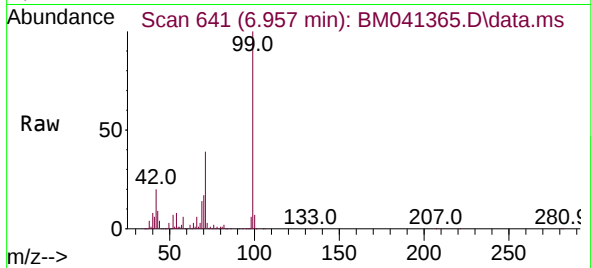




#7
Phenol-d6
Concen: 63.480 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

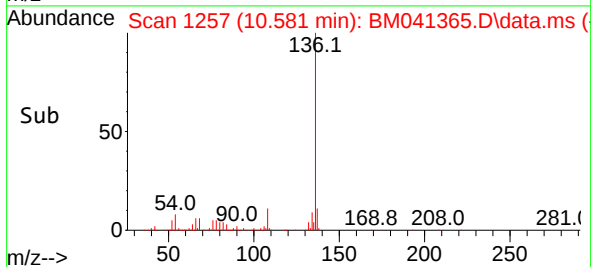
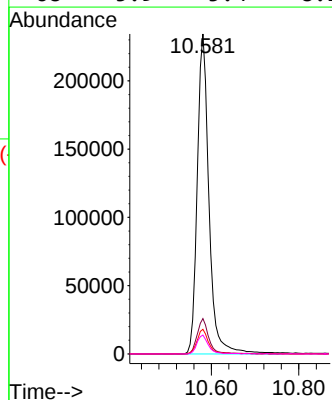
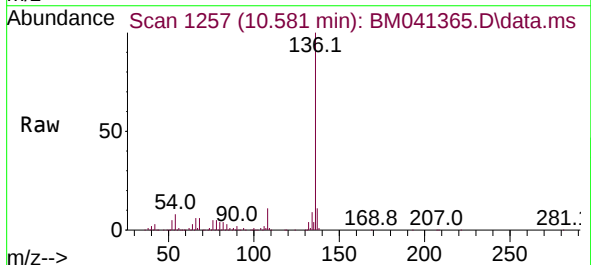
Instrument :
BNA_M
ClientSampleId :
WC-28

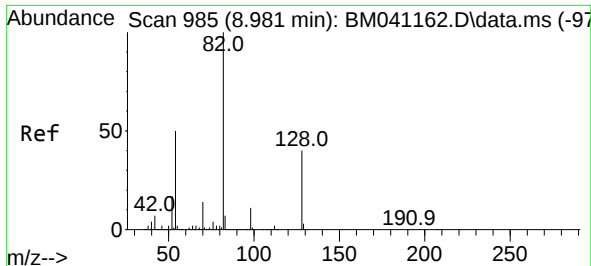
Tgt Ion: 99 Resp: 644179
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.0
71 39.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion: 136 Resp: 435675
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.9 10.3
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.585 ng

RT: 8.951 min Scan# 985

Delta R.T. -0.006 min

Lab File: BM041365.D

Acq: 10 Aug 2023 16:32

Instrument :

BNA_M

ClientSampleId :

WC-28

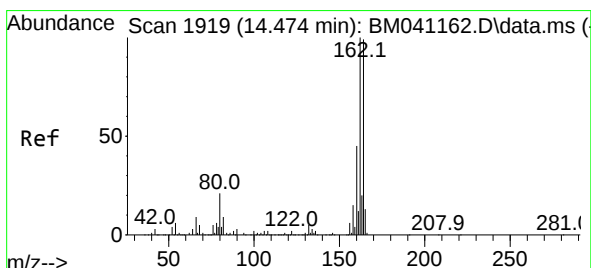
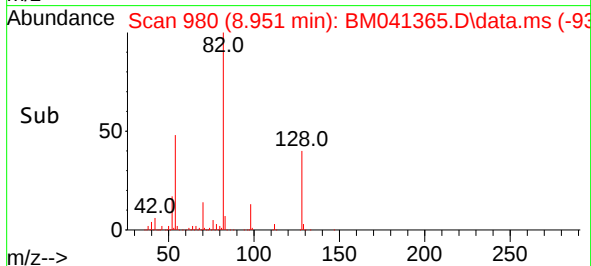
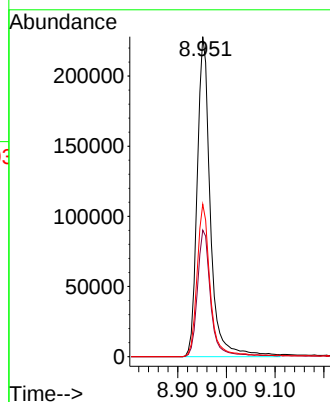
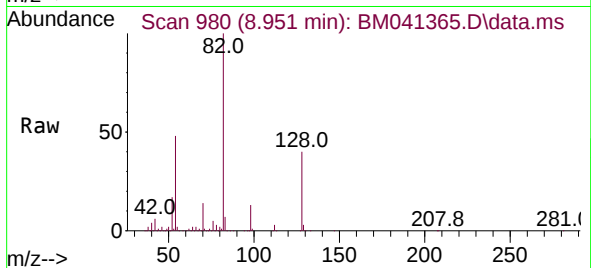
Tgt Ion: 82 Resp: 427061

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 47.6 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BM041365.D

Acq: 10 Aug 2023 16:32

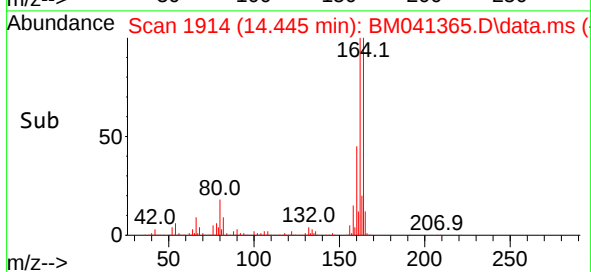
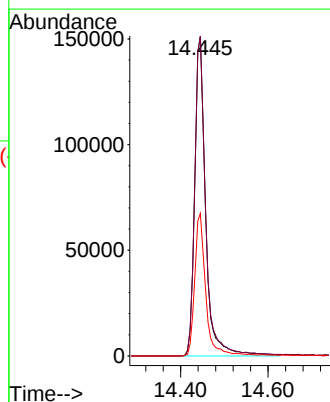
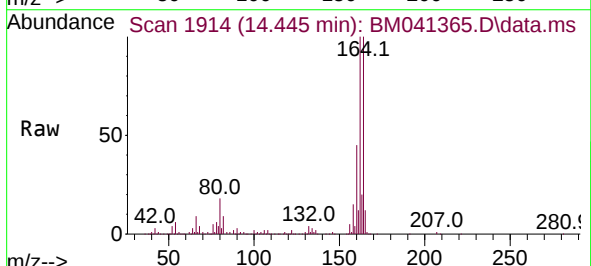
Tgt Ion: 164 Resp: 263916

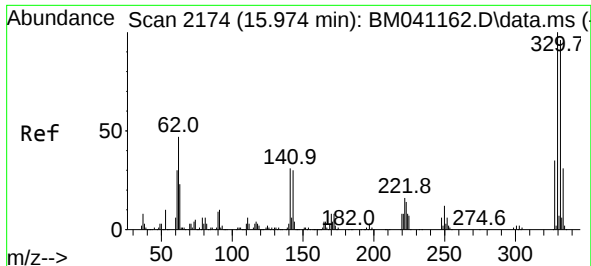
Ion Ratio Lower Upper

164 100

162 100.3 80.4 120.6

160 44.7 36.2 54.2

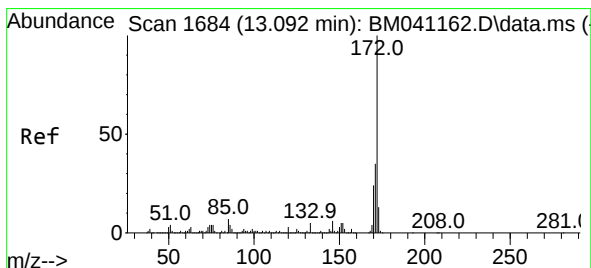
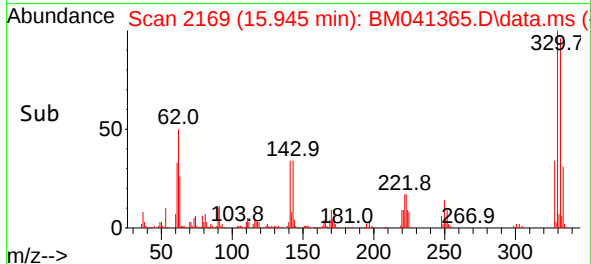
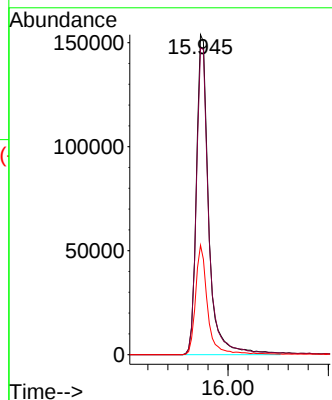
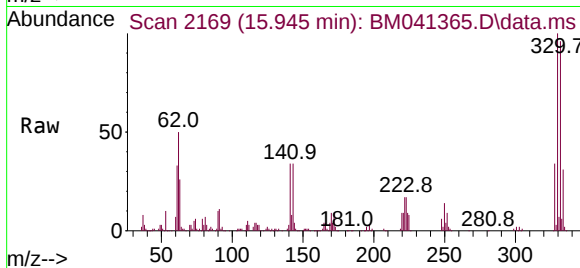




#42
2,4,6-Tribromophenol
Concen: 70.156 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

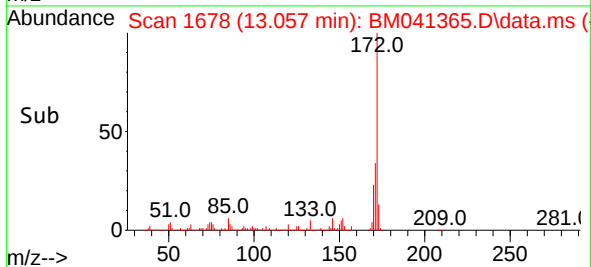
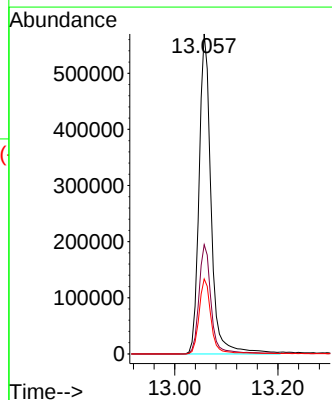
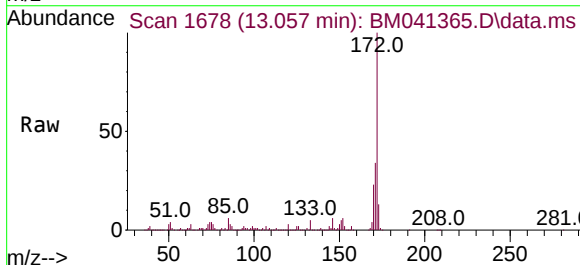
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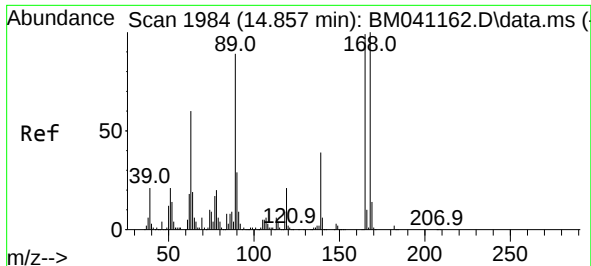
Tgt Ion:330 Resp: 261888
Ion Ratio Lower Upper
330 100
332 97.9 77.7 116.5
141 33.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 44.006 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion:172 Resp: 919368
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.4 18.9 28.3

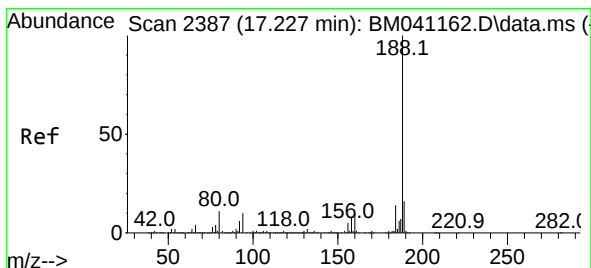
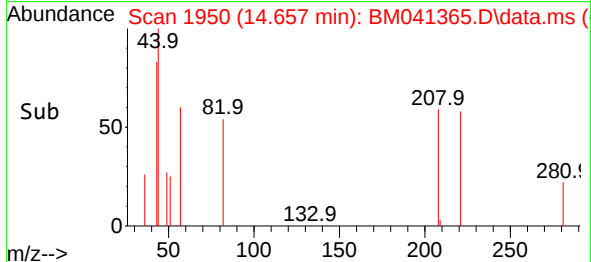
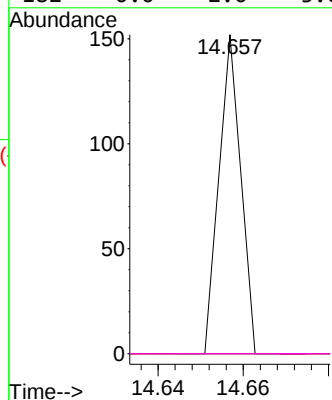
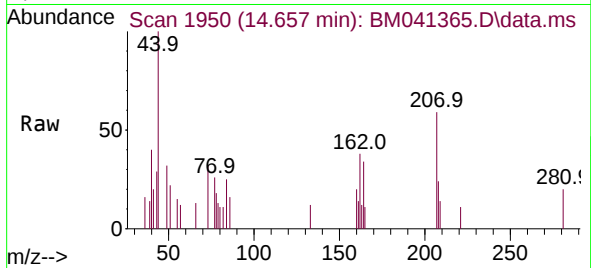




#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.188 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

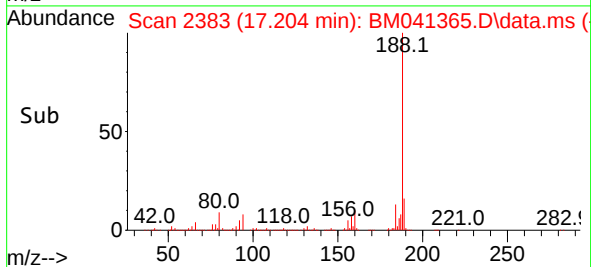
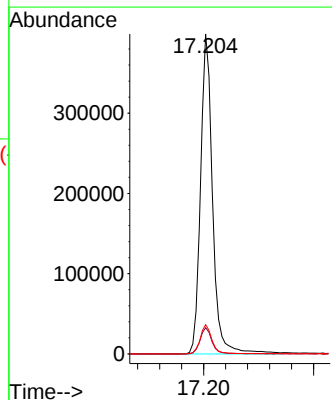
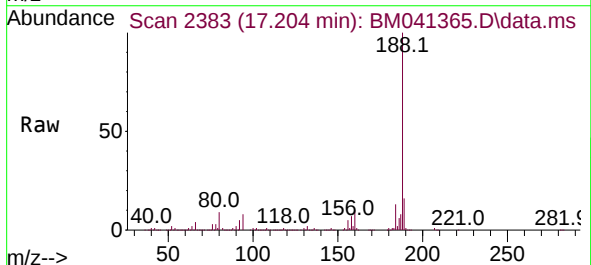
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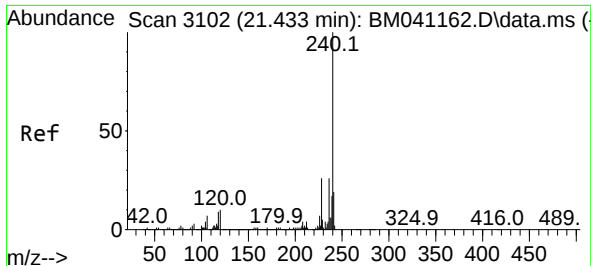
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion:188 Resp: 603869
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.1 8.6 13.0

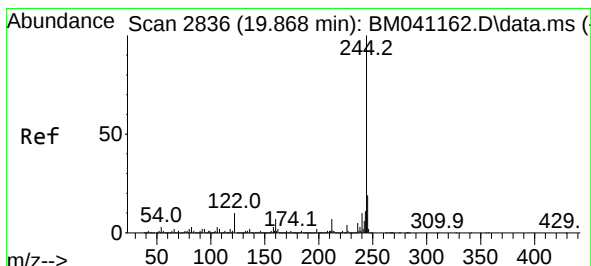
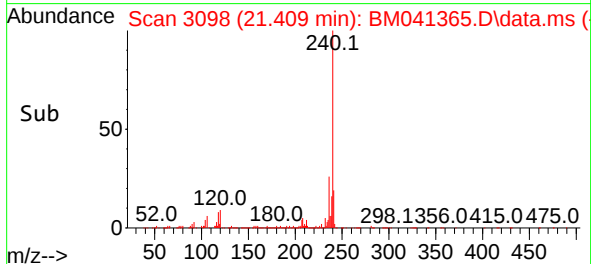
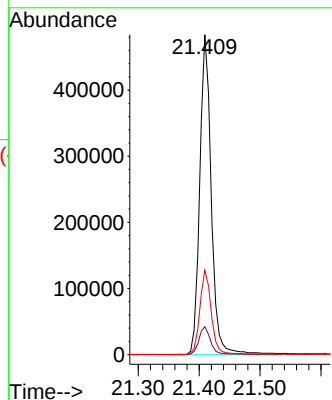
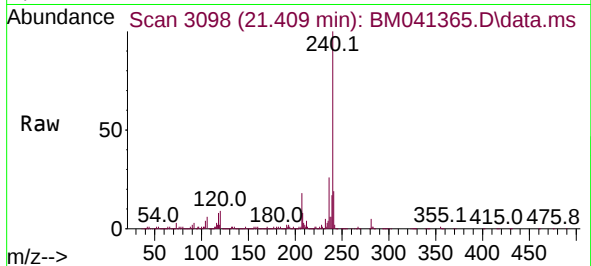




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

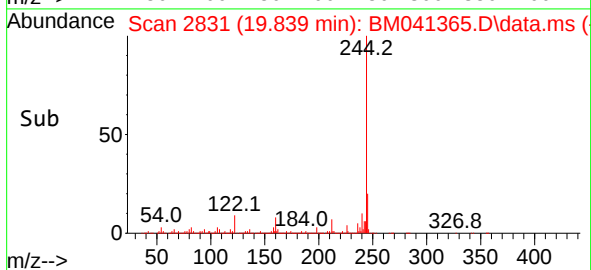
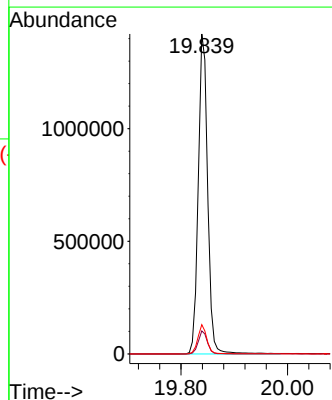
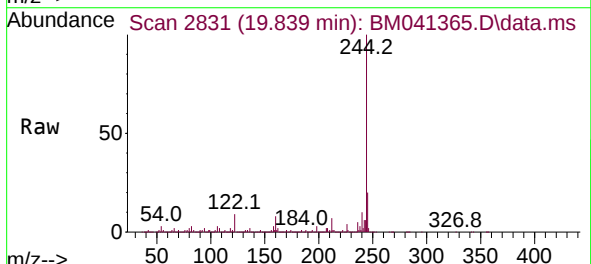
Instrument :
BNA_M
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WC-28

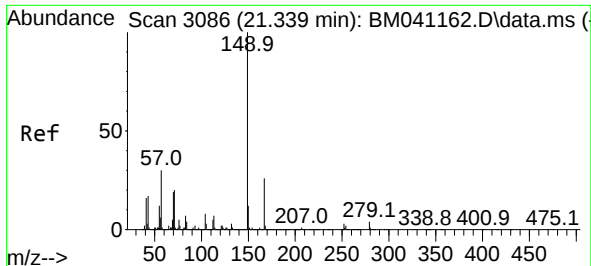
Tgt Ion:240 Resp: 636014
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 49.314 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion:244 Resp: 1734689
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.1 7.8 11.6

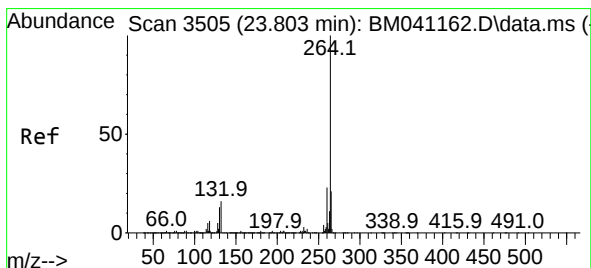
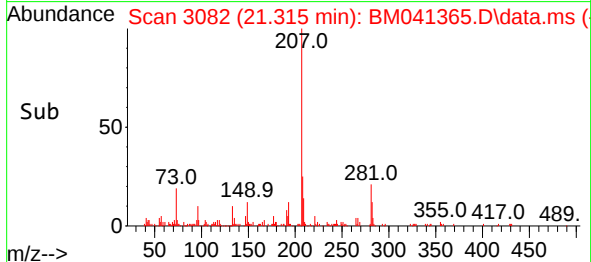
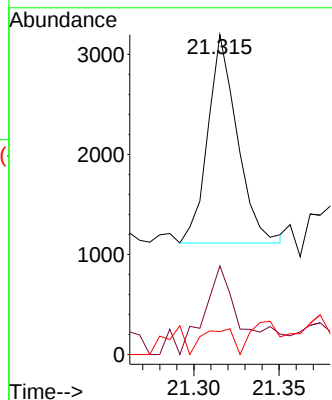
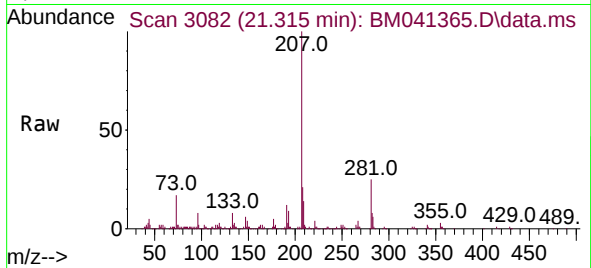




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.631 ng
RT: 21.315 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Instrument :
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Tgt Ion:149 Resp: 2502
Ion Ratio Lower Upper
149 100
167 27.7 21.0 31.6
279 7.2 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM041365.D
Acq: 10 Aug 2023 16:32

Tgt Ion:264 Resp: 777970
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 22.4 17.4 26.0

