

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041250.D
 Acq On : 02 Aug 2023 18:21
 Operator : MA/JU
 Sample : 03810-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P08B

Quant Time: Aug 03 03:09:10 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 02 19:20:51 2023
 Response via : Initial Calibration

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

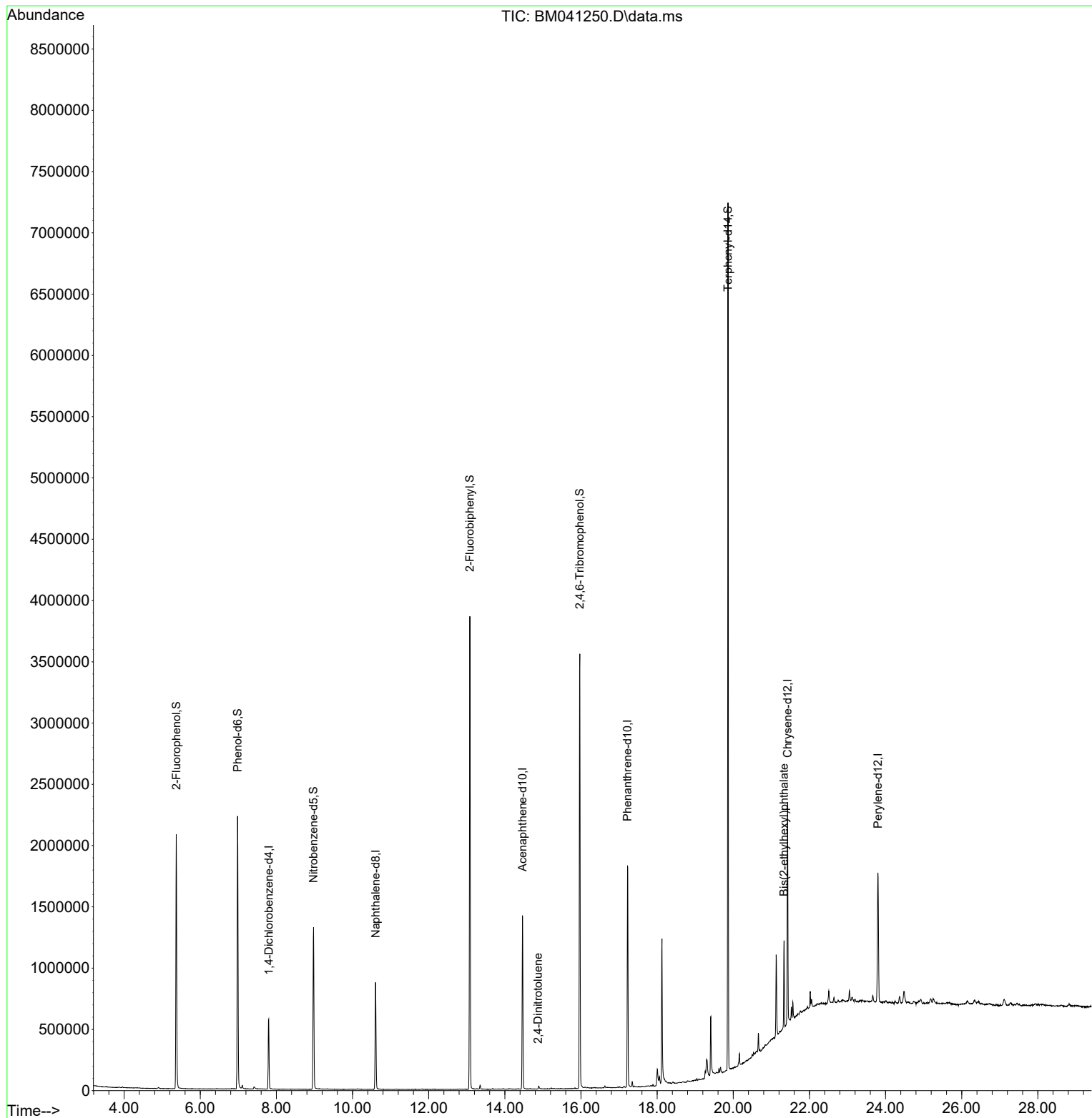
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	152110	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	683633	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	468112	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1086174	20.000	ng	0.00
76) Chrysene-d12	21.427	240	807968	20.000	ng	0.00
86) Perylene-d12	23.797	264	785718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	876207	86.093	ng	0.00
7) Phenol-d6	6.981	99	1224973	92.855	ng	0.00
23) Nitrobenzene-d5	8.975	82	771282	52.467	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	668632	100.984	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1876419	50.637	ng	0.00
79) Terphenyl-d14	19.862	244	3230601	72.294	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.874	165	55	2.675	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	243677	9.582	ng	# 97

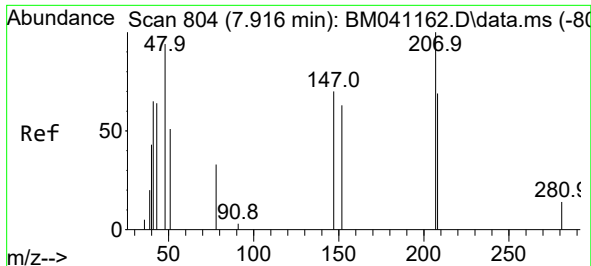
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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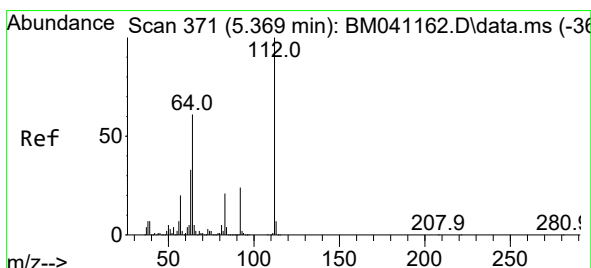
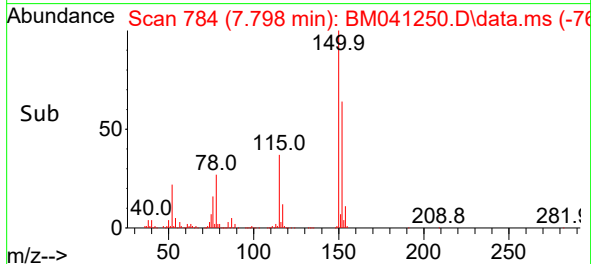
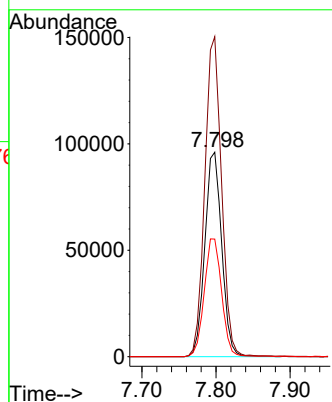
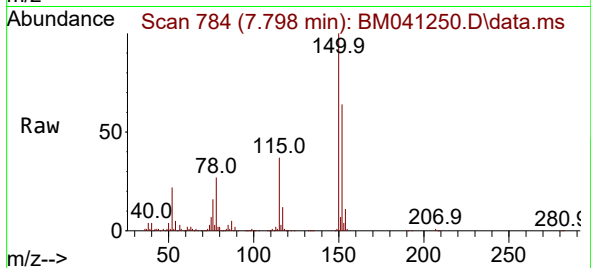




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

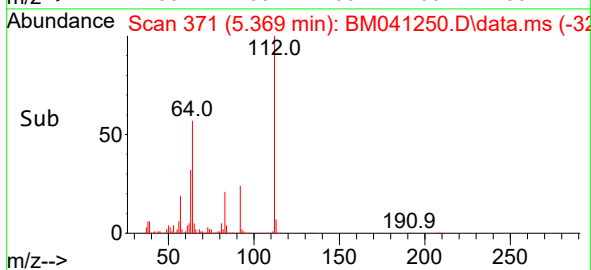
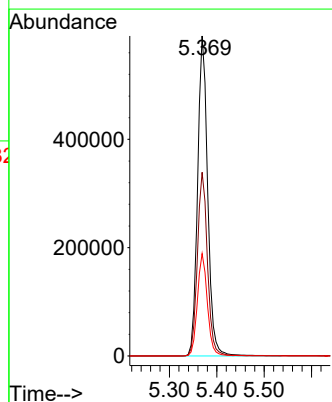
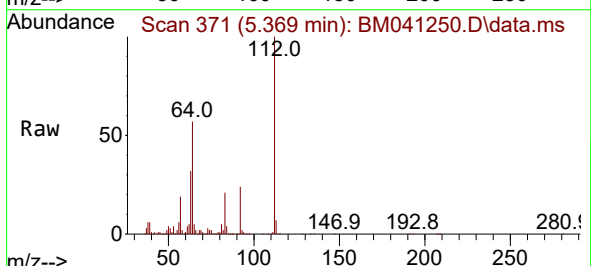
Instrument :
BNA_M
ClientSampleId :
B-P08B

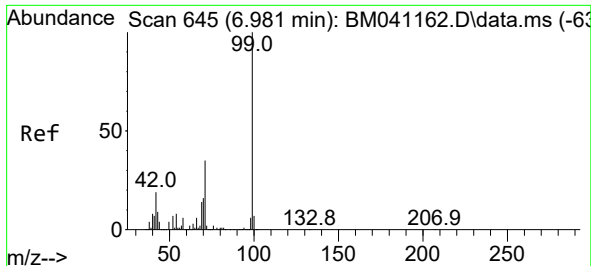
Tgt Ion:152 Resp: 152110
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 57.5 48.0 72.0



#5
2-Fluorophenol
Concen: 86.093 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion:112 Resp: 876207
Ion Ratio Lower Upper
112 100
64 57.4 48.5 72.7
63 32.0 26.5 39.7



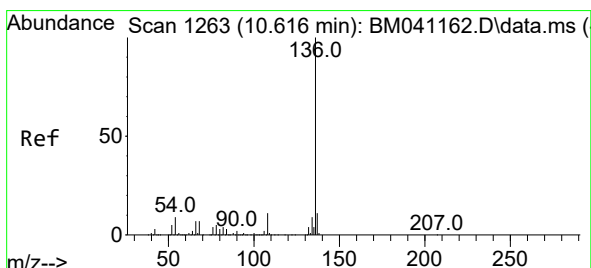
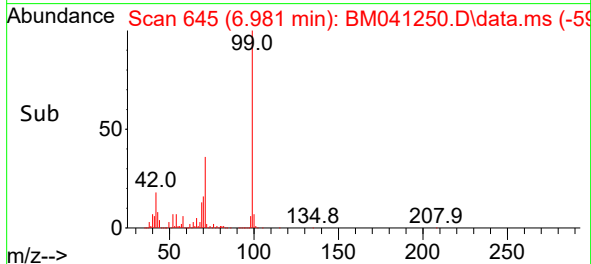
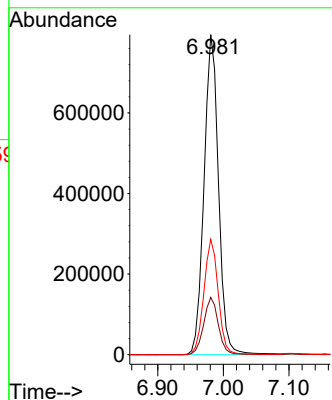
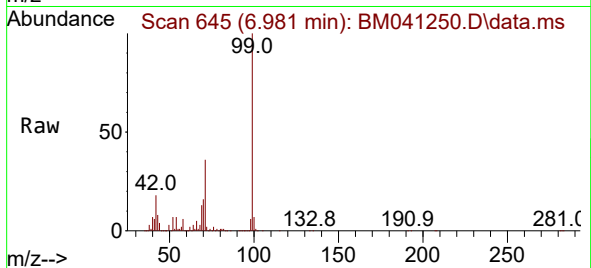


#7
Phenol-d6
Concen: 92.855 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Instrument :
BNA_M
ClientSampleId :
B-P08B

Tgt Ion: 99 Resp: 1224973

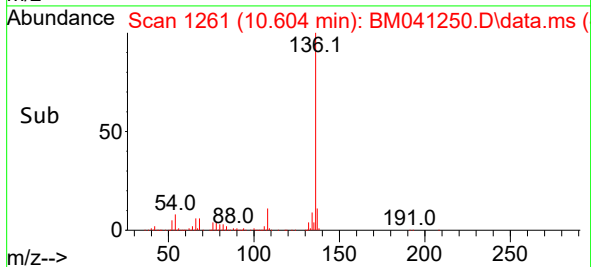
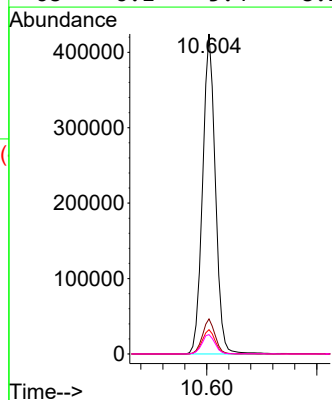
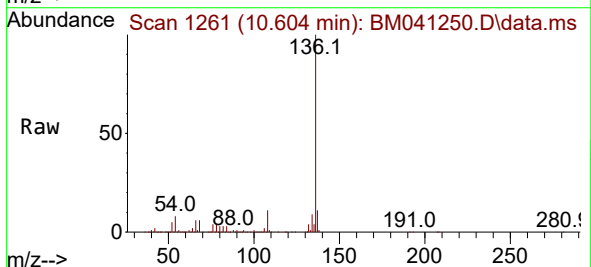
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.0
71	36.0	28.2	42.4

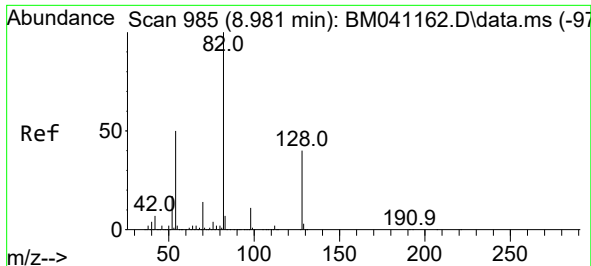


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion: 136 Resp: 683633

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.9	10.3
68	6.1	5.4	8.2

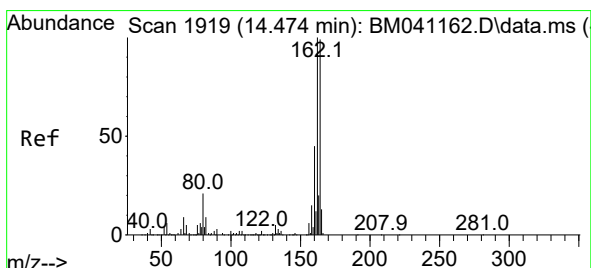
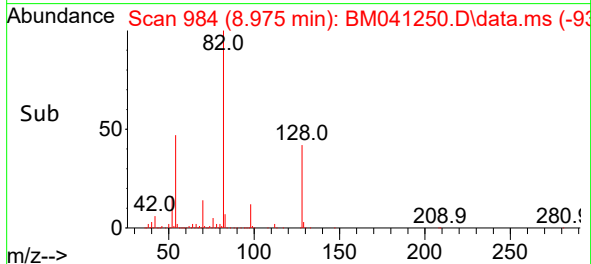
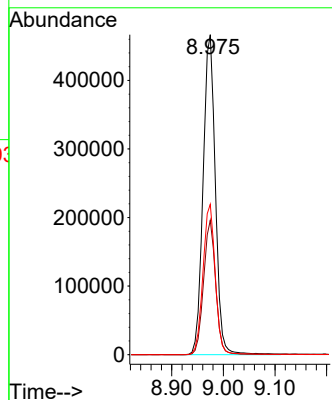
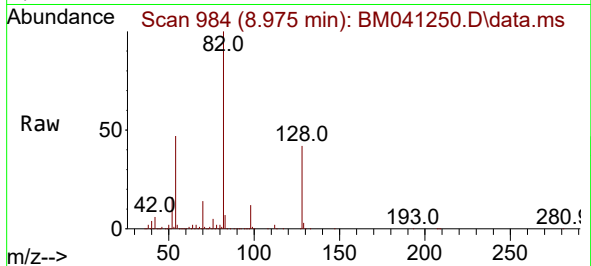




#23
 Nitrobenzene-d5
 Concen: 52.467 ng
 RT: 8.975 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM041250.D
 Acq: 02 Aug 2023 18:21

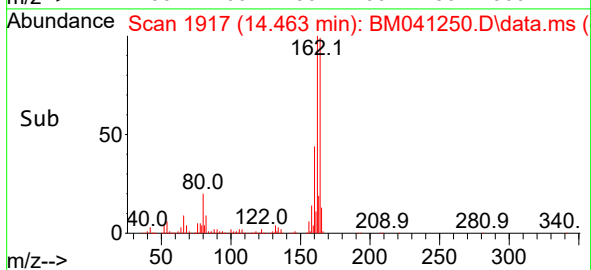
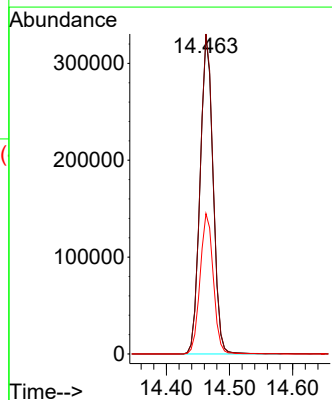
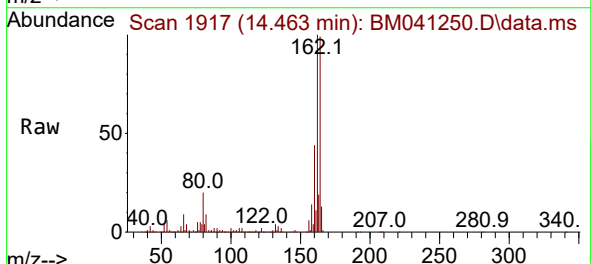
Instrument :
 BNA_M
 ClientSampleId :
 B-P08B

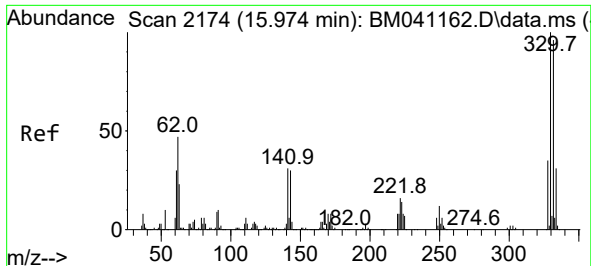
Tgt Ion: 82 Resp: 771282
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.8 47.6
 54 47.0 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BM041250.D
 Acq: 02 Aug 2023 18:21

Tgt Ion: 164 Resp: 468112
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.4 120.6
 160 44.2 36.2 54.2

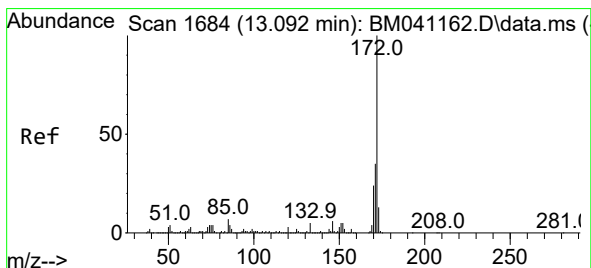
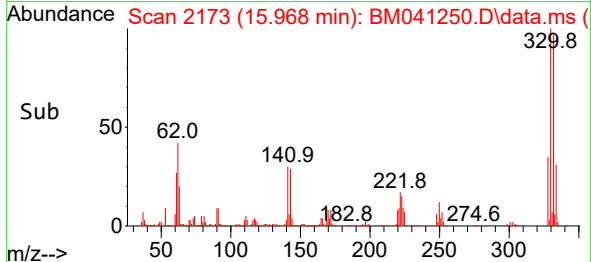
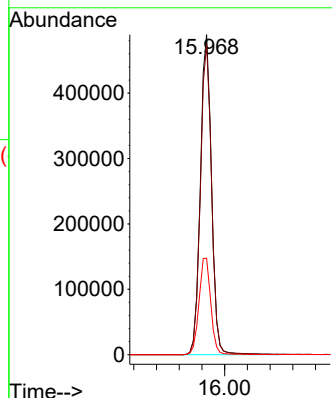
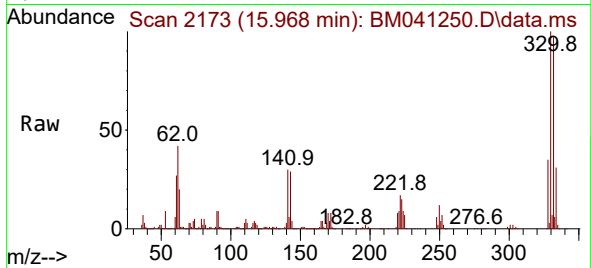




#42
2,4,6-Tribromophenol
Concen: 100.984 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

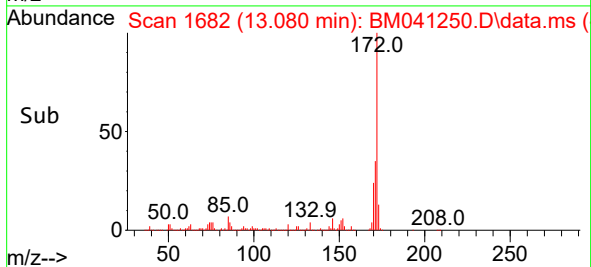
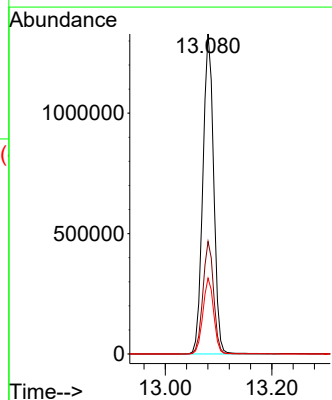
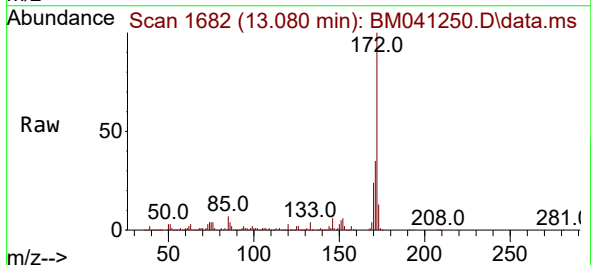
Instrument :
BNA_M
ClientSampleId :
B-P08B

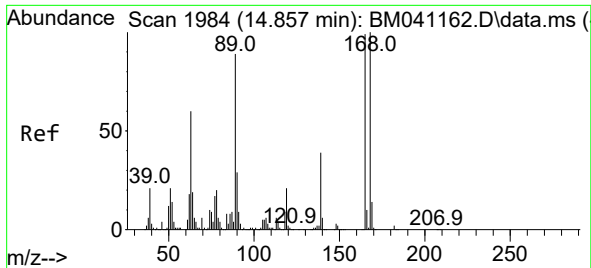
Tgt Ion:330 Resp: 668632
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 32.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 50.637 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion:172 Resp: 1876419
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 18.9 28.3

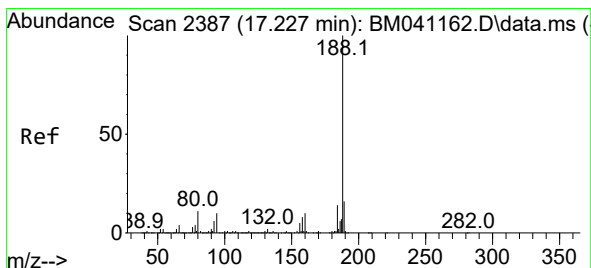
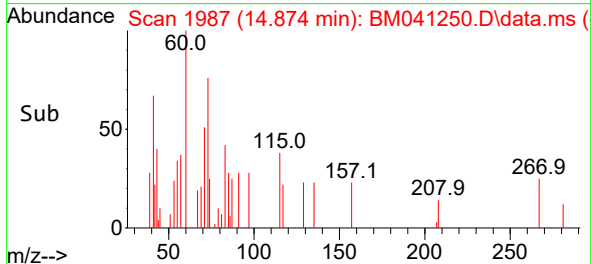
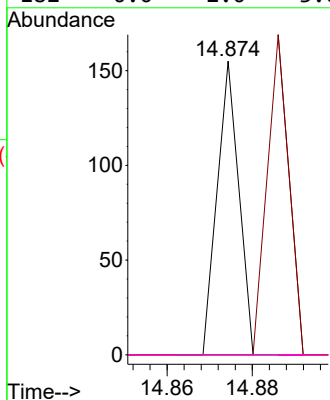
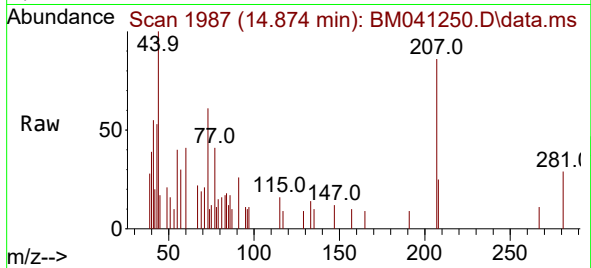




#57
2,4-Dinitrotoluene
Concen: 2.675 ng
RT: 14.874 min Scan# 1984
Delta R.T. 0.017 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

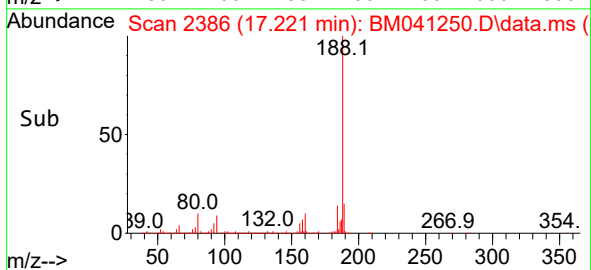
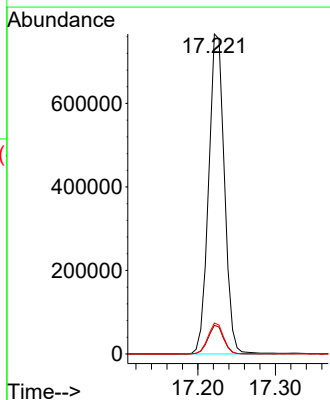
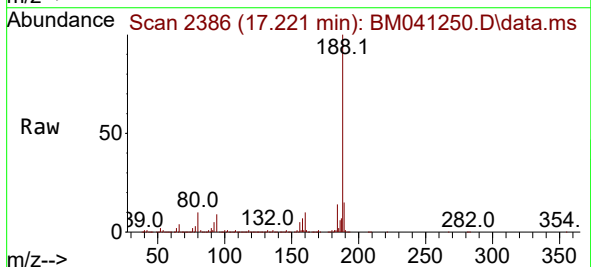
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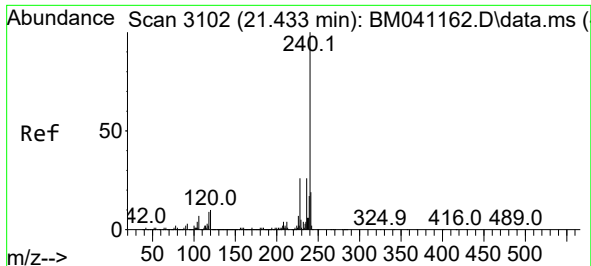
Tgt Ion:165 Resp: 55
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion:188 Resp: 1086174
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.7 8.6 13.0

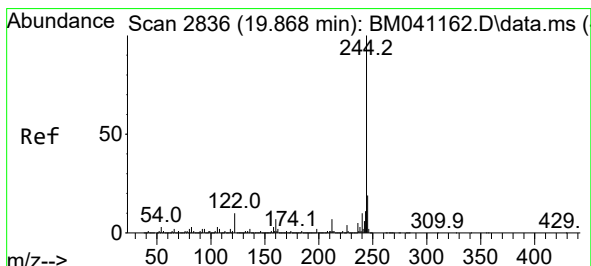
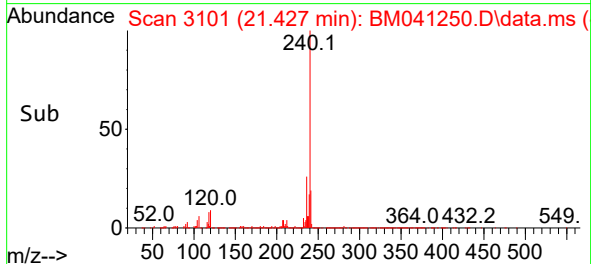
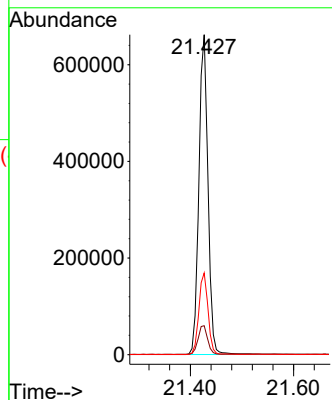
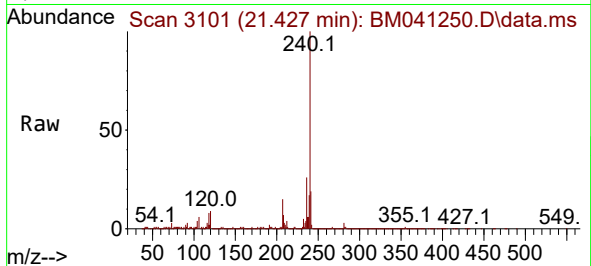




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

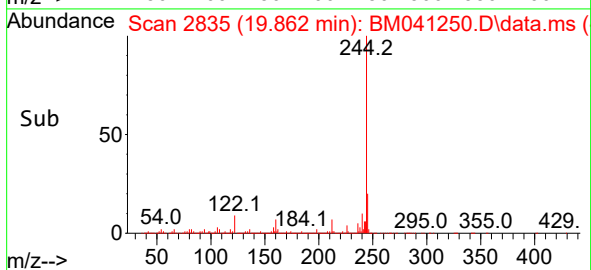
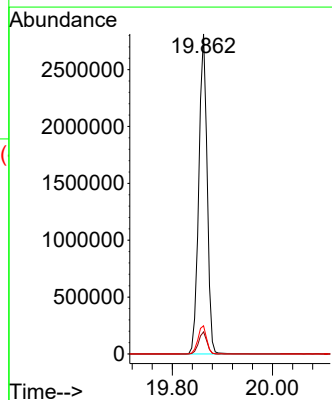
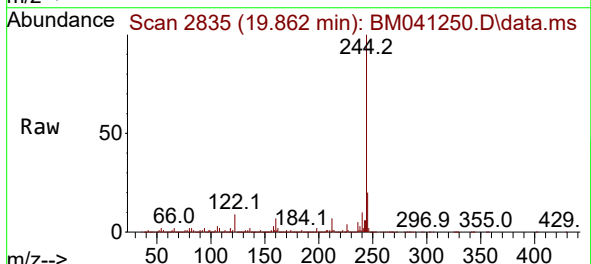
Instrument :
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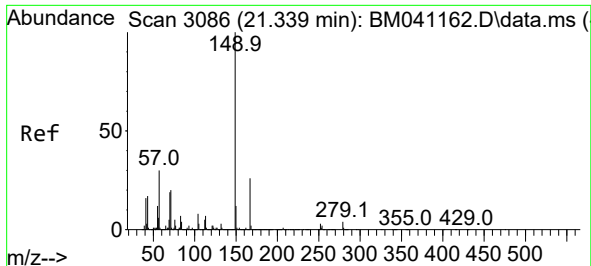
Tgt Ion:240 Resp: 807968
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 72.294 ng
RT: 19.862 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion:244 Resp: 3230601
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 8.8 7.8 11.6

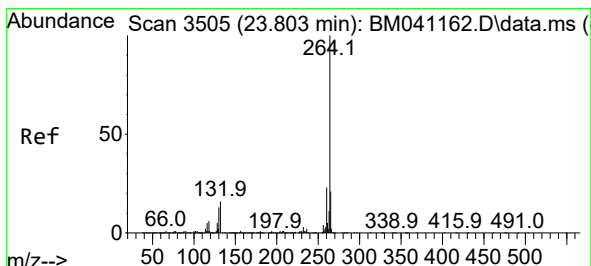
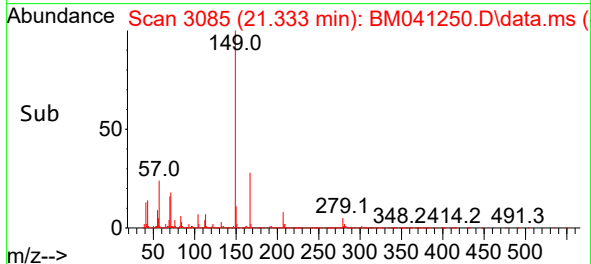
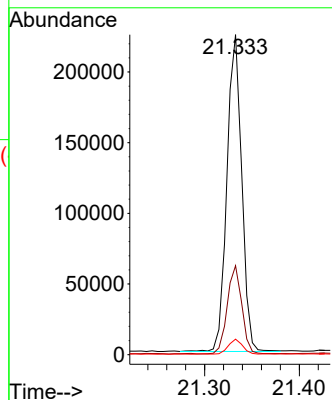
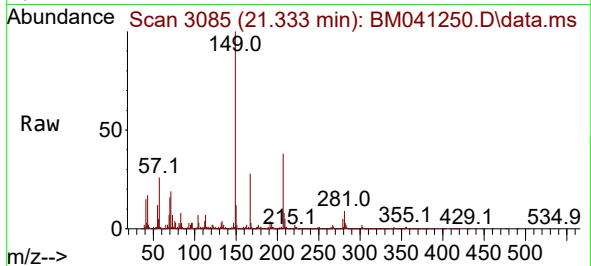




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.582 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Instrument :
BNA_M
ClientSampleId :
B-P08B

Tgt Ion:149 Resp: 243677
Ion Ratio Lower Upper
149 100
167 27.8 21.0 31.6
279 4.9 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041250.D
Acq: 02 Aug 2023 18:21

Tgt Ion:264 Resp: 785718
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 22.7 17.4 26.0

