

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041391.D
 Acq On : 11 Aug 2023 17:30
 Operator : MA/JU
 Sample : 03954-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-15

Quant Time: Aug 11 18:23:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

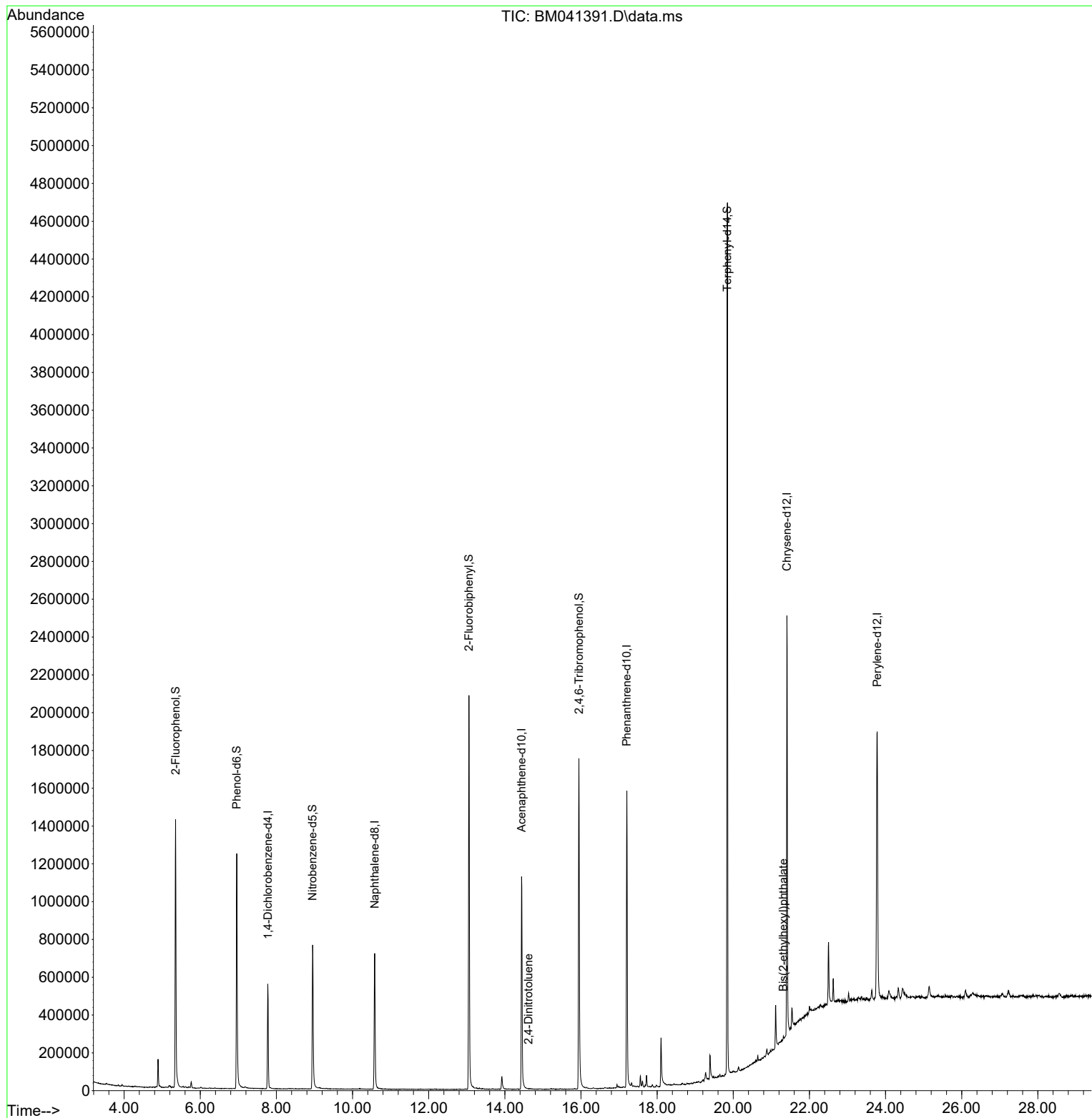
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	146845	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	598749	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	409281	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1002936	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	1082820	20.000	ng	0.00
86) Perylene-d12	23.780	264	1221950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	593769	60.434	ng	0.00
7) Phenol-d6	6.957	99	741354	58.211	ng	0.00
23) Nitrobenzene-d5	8.951	82	483927	37.586	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	360428	62.260	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1096753	33.851	ng	0.00
79) Terphenyl-d14	19.845	244	2234754	37.315	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.621	165	134	2.684	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	6396	2.677	ng	# 97

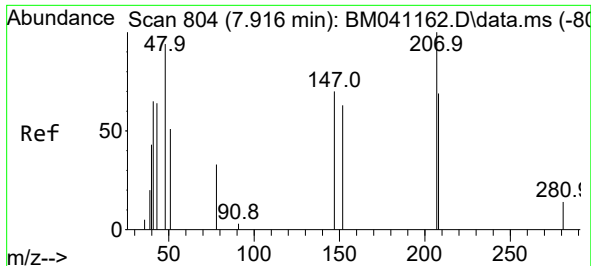
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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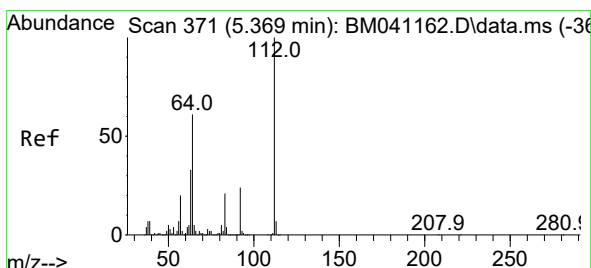
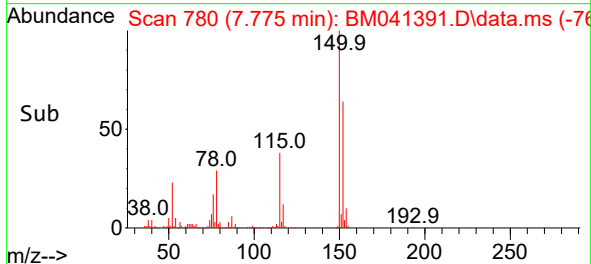
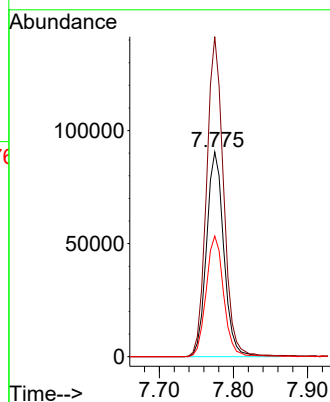
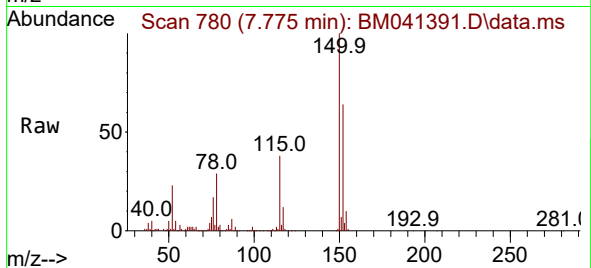




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

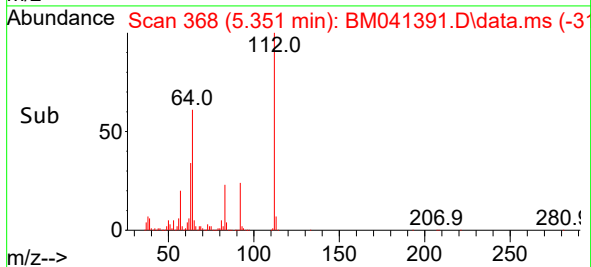
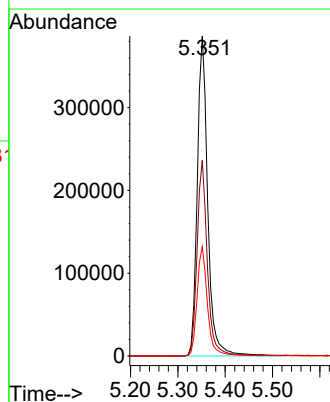
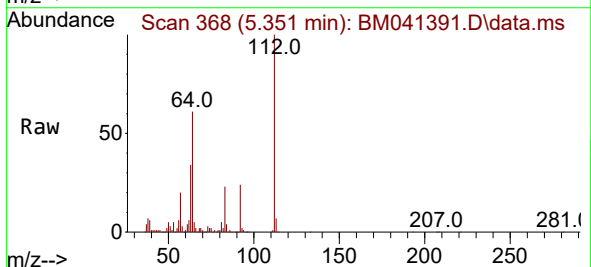
Instrument :
BNA_M
ClientSampleId :
WC-15

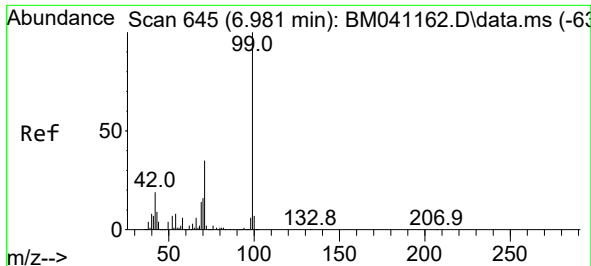
Tgt Ion:152 Resp: 146845
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 60.434 ng
RT: 5.351 min Scan# 368
Delta R.T. 0.006 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion:112 Resp: 593769
Ion Ratio Lower Upper
112 100
64 61.1 48.5 72.7
63 34.2 26.5 39.7

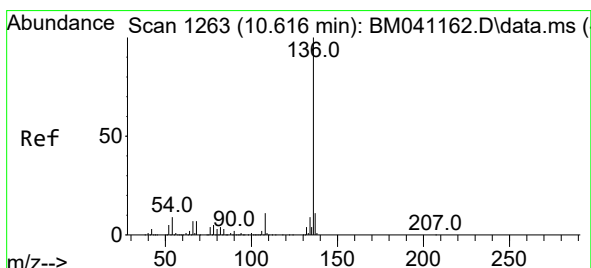
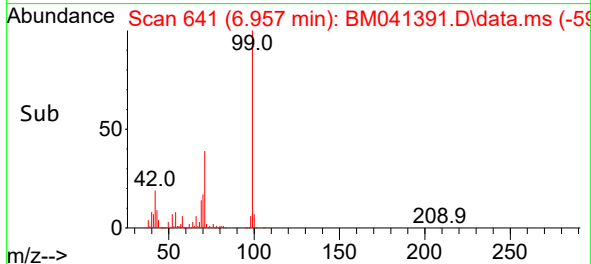
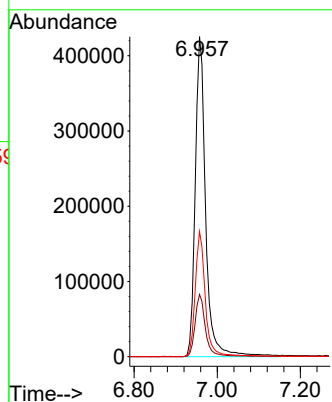
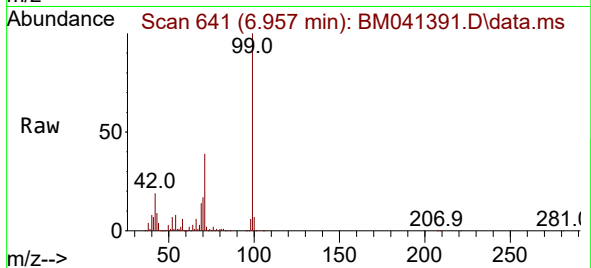




#7
Phenol-d6
Concen: 58.211 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

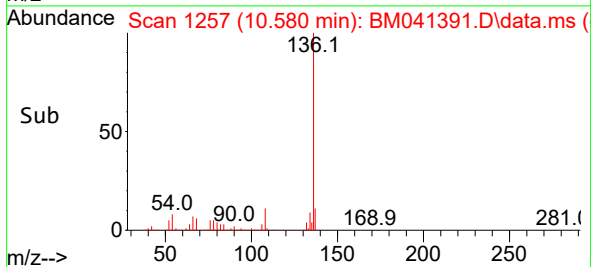
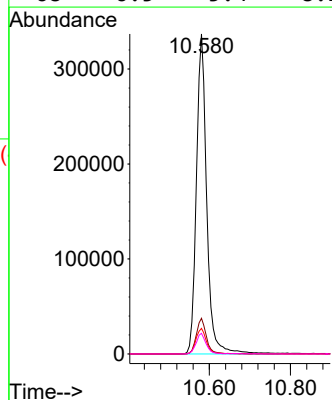
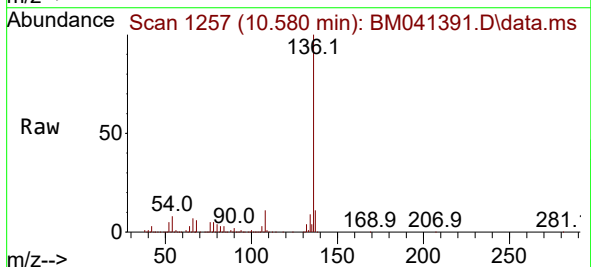
Instrument :
BNA_M
ClientSampleId :
WC-15

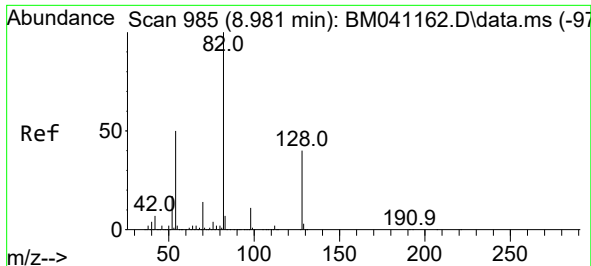
Tgt Ion: 99 Resp: 741354
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.0
71 39.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion: 136 Resp: 598749
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.9 10.3
68 6.5 5.4 8.2

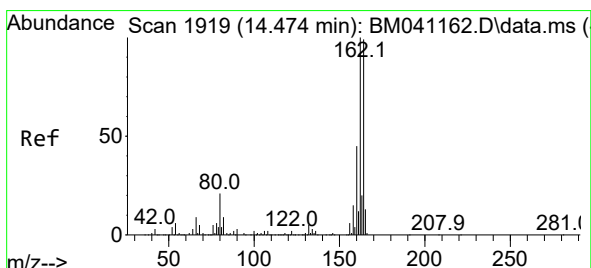
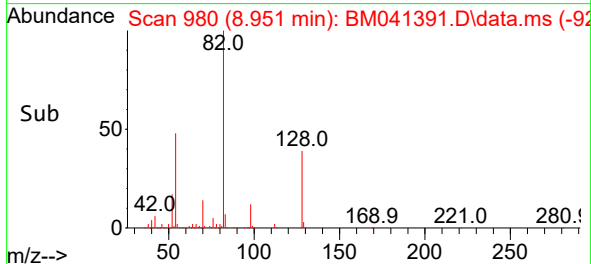
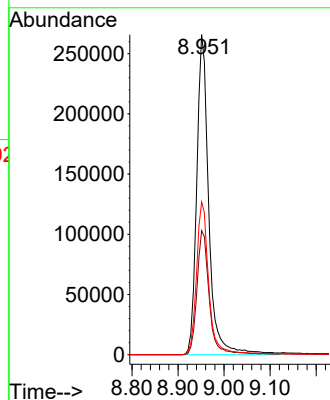
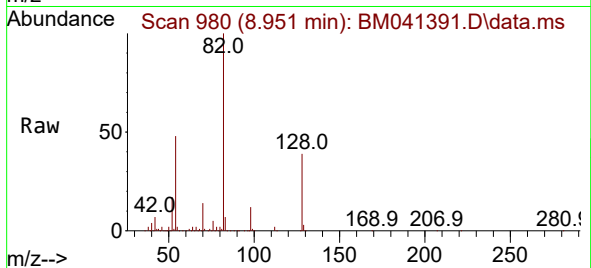




#23
Nitrobenzene-d5
Concen: 37.586 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

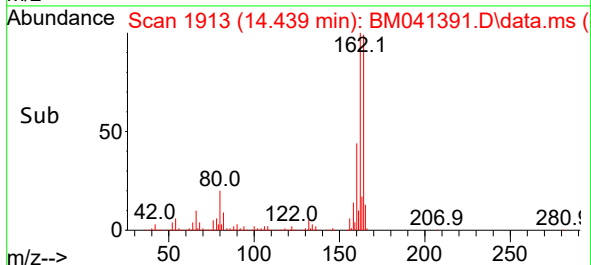
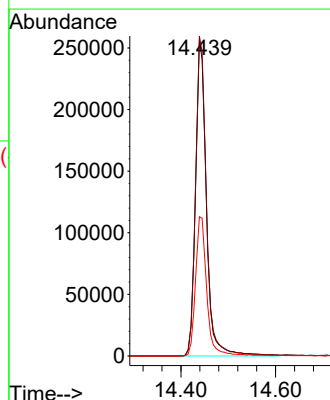
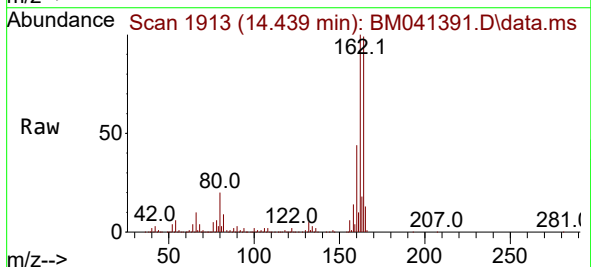
Instrument :
BNA_M
ClientSampleId :
WC-15

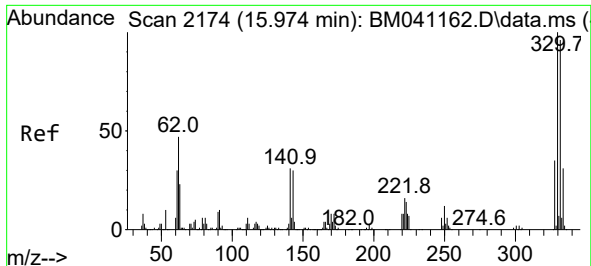
Tgt Ion: 82 Resp: 483927
Ion Ratio Lower Upper
82 100
128 38.7 31.8 47.6
54 47.8 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion: 164 Resp: 409281
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.0 36.2 54.2

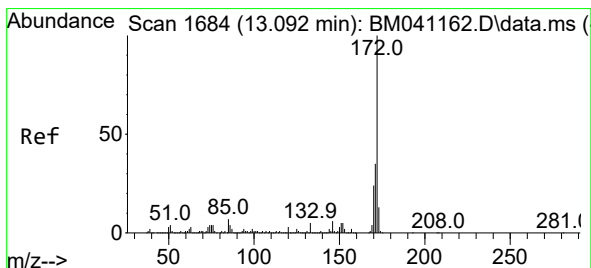
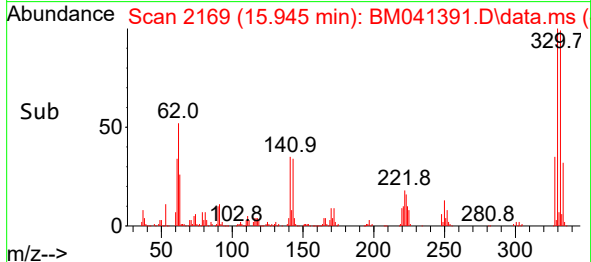
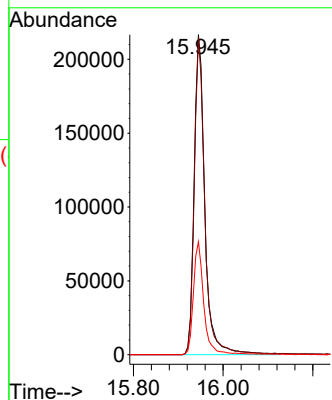
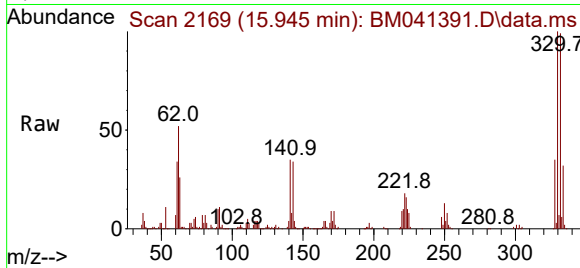




#42
2,4,6-Tribromophenol
Concen: 62.260 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

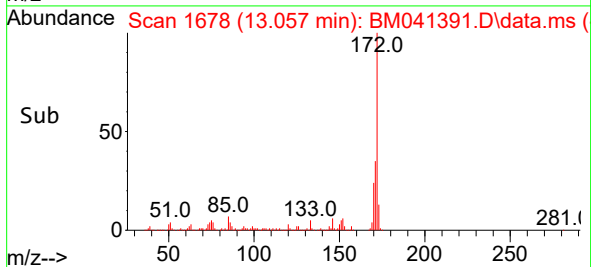
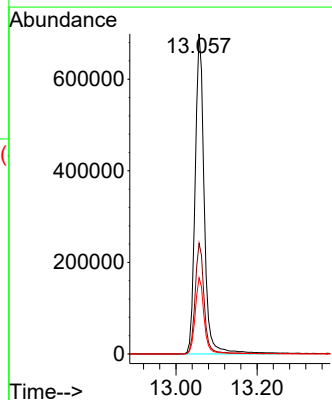
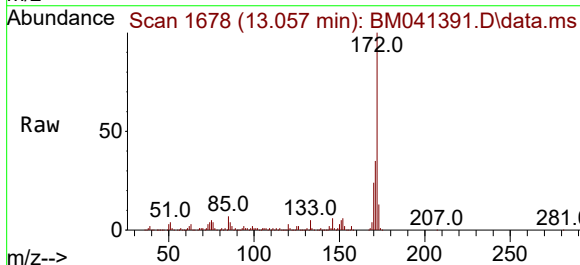
Instrument :
BNA_M
ClientSampleId :
WC-15

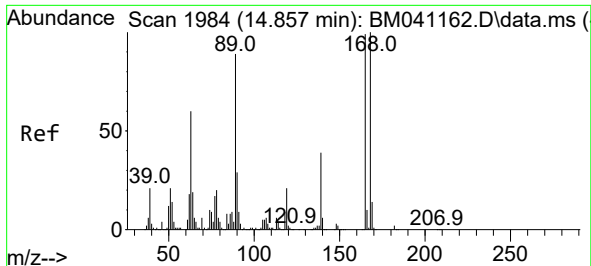
Tgt Ion:330 Resp: 360428
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 34.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 33.851 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion:172 Resp: 1096753
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.8 18.9 28.3

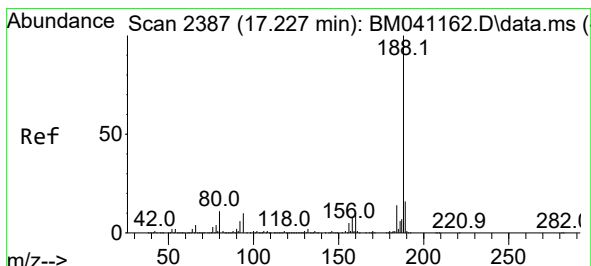
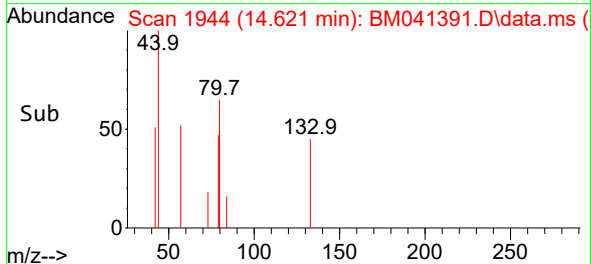
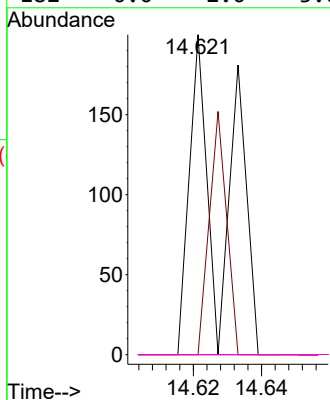
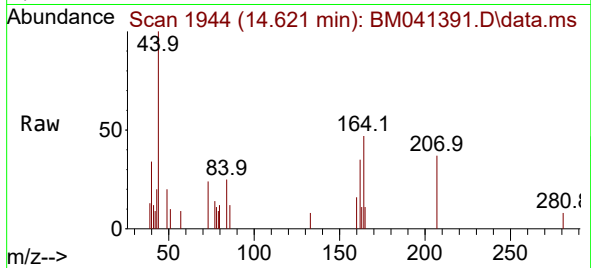




#57
2,4-Dinitrotoluene
Concen: 2.684 ng
RT: 14.621 min Scan# 1984
Delta R.T. -0.218 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

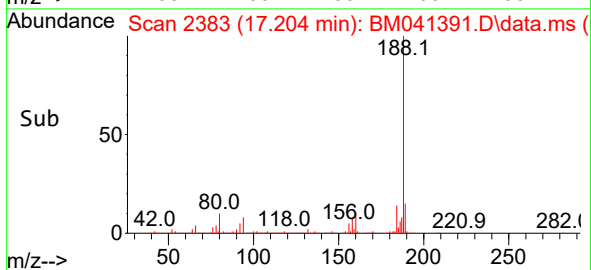
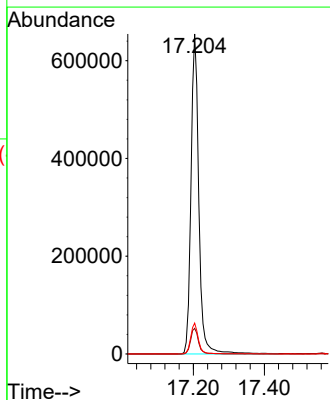
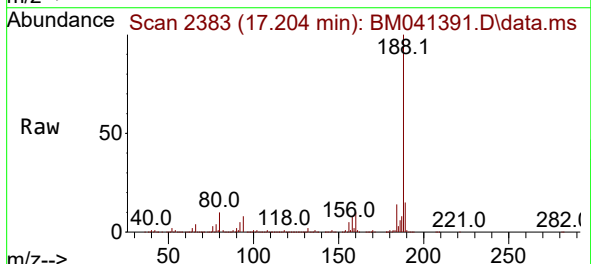
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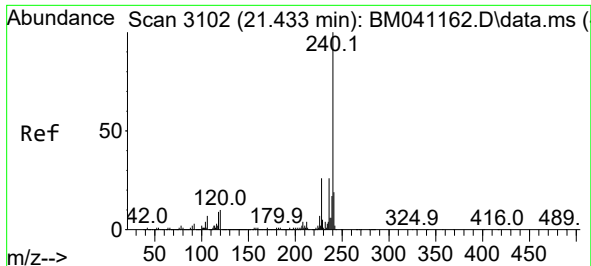
Tgt Ion:165 Resp: 134
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion:188 Resp: 1002936
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.6 8.6 13.0

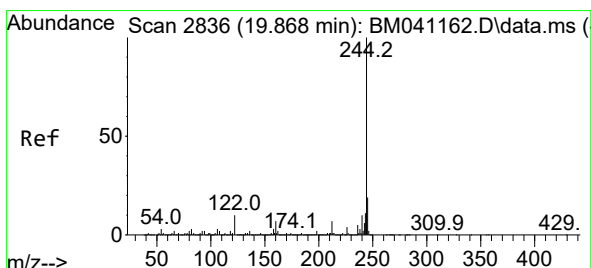
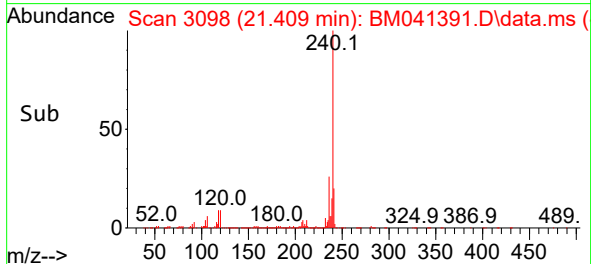
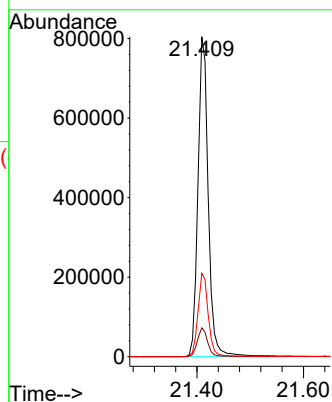
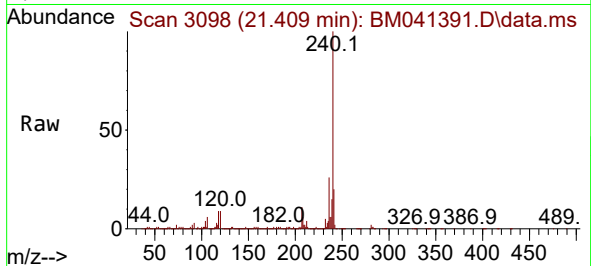




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

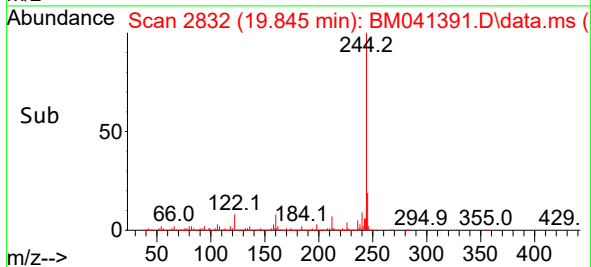
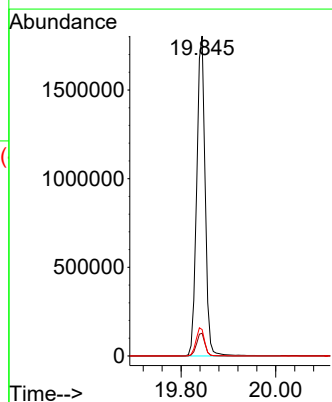
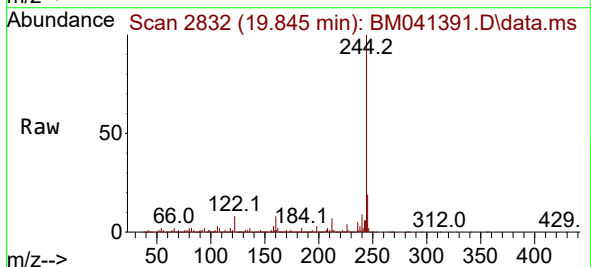
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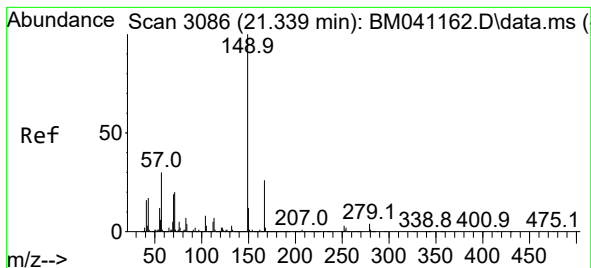
Tgt Ion:240 Resp: 1082820
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 37.315 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM041391.D
Acq: 11 Aug 2023 17:30

Tgt Ion:244 Resp: 2234754
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 8.2 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.677 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041391.D

Acq: 11 Aug 2023 17:30

Instrument :

BNA_M

ClientSampleId :

WC-15

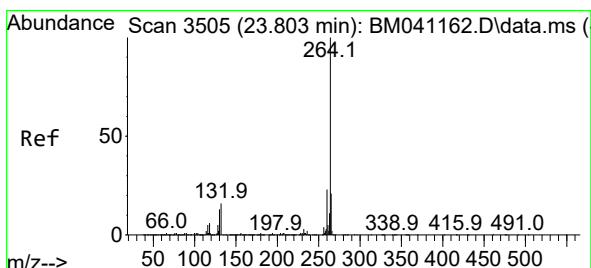
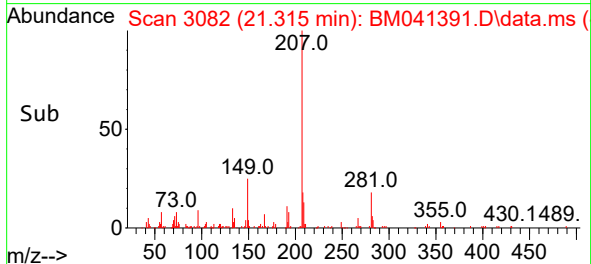
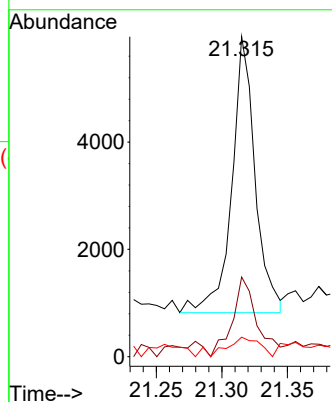
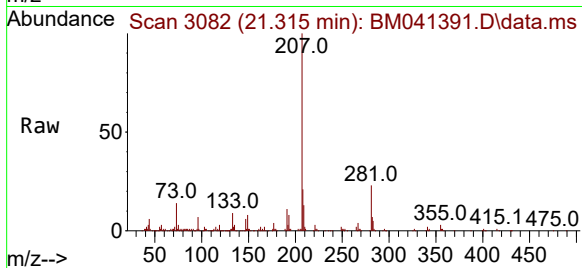
Tgt Ion:149 Resp: 6396

Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.6

279 6.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM041391.D

Acq: 11 Aug 2023 17:30

Tgt Ion:264 Resp: 1221950

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 22.3 17.4 26.0

