

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041370.D
 Acq On : 10 Aug 2023 19:39
 Operator : MA/JU
 Sample : 03955-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-28

Quant Time: Aug 11 03:35:37 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)

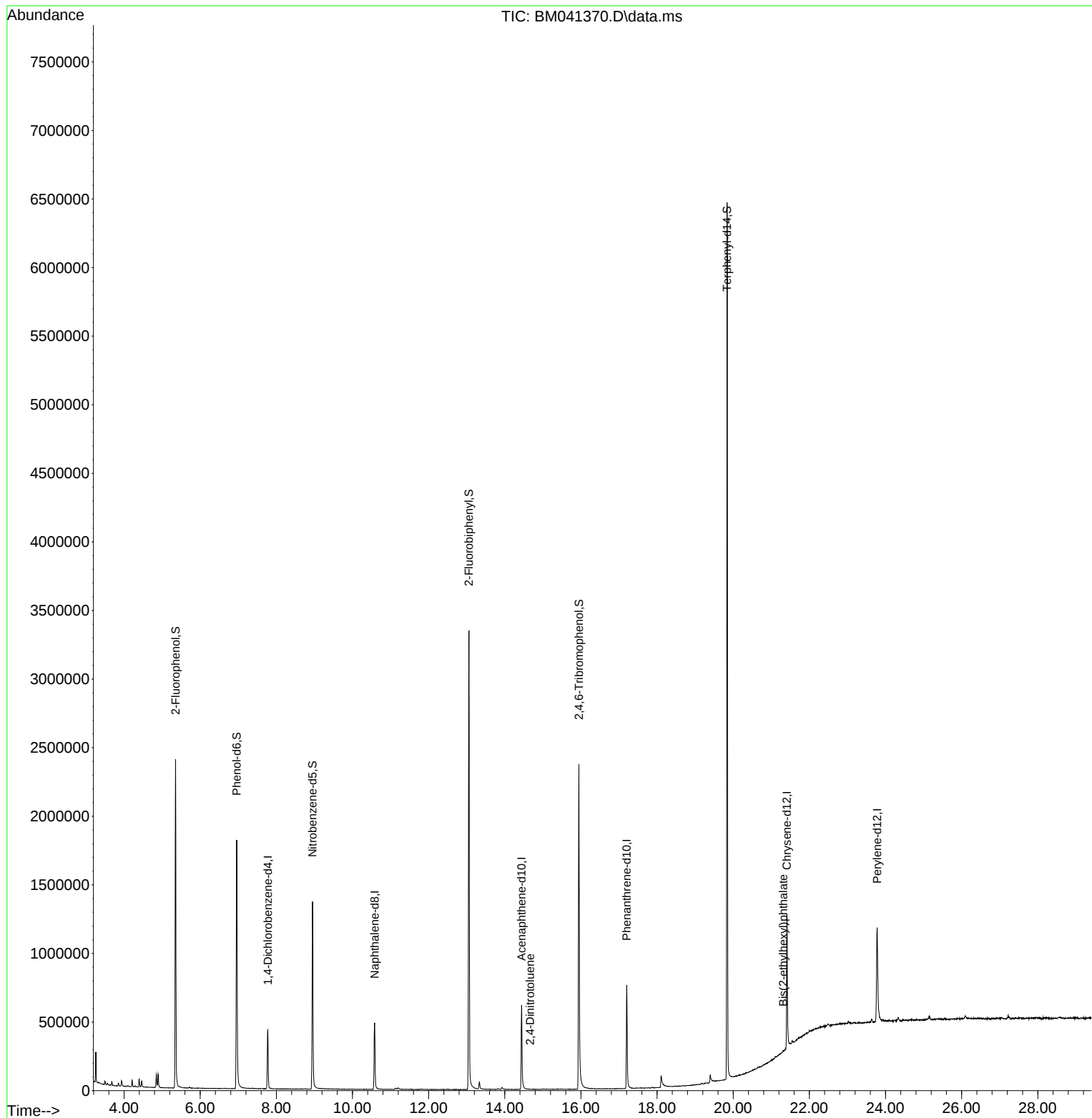
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	114680	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	418480	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	238776	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	512615	20.000	ng	0.00
76) Chrysene-d12	21.409	240	527632	20.000	ng	0.00
86) Perylene-d12	23.780	264	668611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	963373	125.553	ng	0.00
7) Phenol-d6	6.957	99	1052435	105.814	ng	-0.01
23) Nitrobenzene-d5	8.951	82	831340	92.385	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	507895	150.382	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1781569	94.254	ng	0.00
79) Terphenyl-d14	19.839	244	3048796	104.474	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.663	165	65	2.682	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.309	149	3006	2.672	ng	# 86

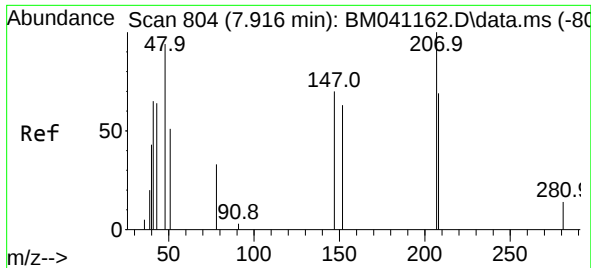
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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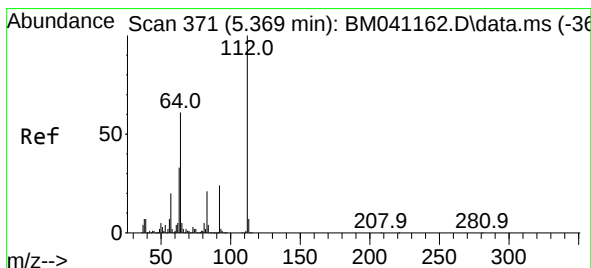
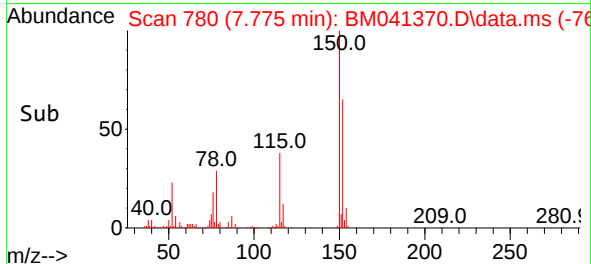
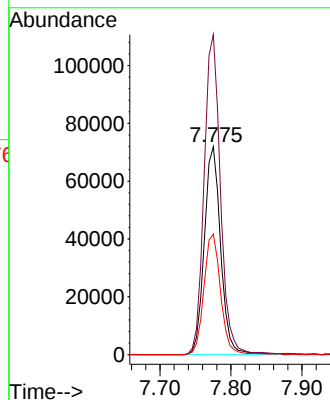
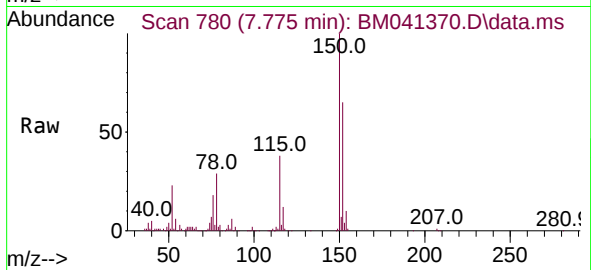




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 780
 Delta R.T. 0.000 min
 Lab File: BM041370.D
 Acq: 10 Aug 2023 19:39

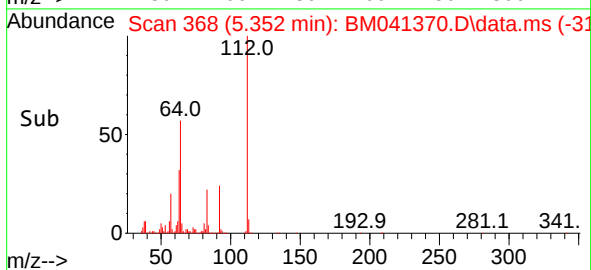
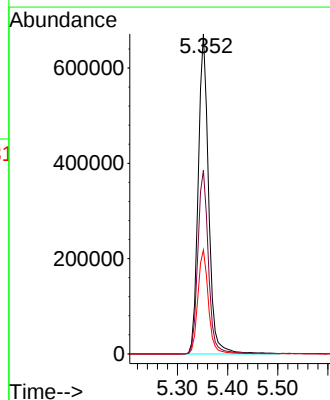
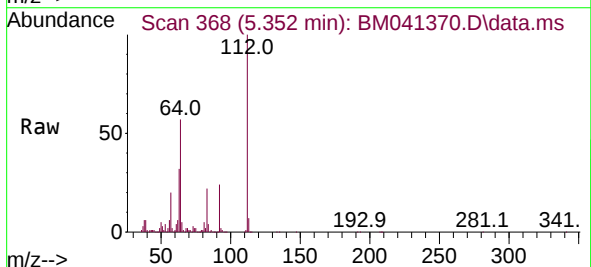
Instrument :
 BNA_M
 ClientSampleId :
 WC-28

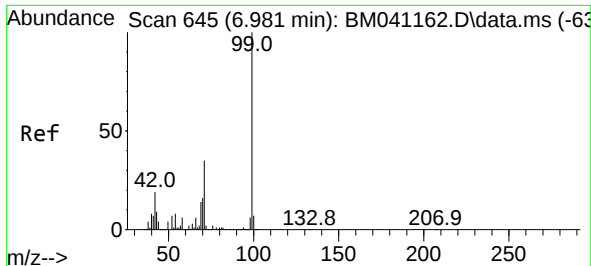
Tgt Ion:152 Resp: 114680
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.5 188.3
 115 57.9 48.0 72.0



#5
 2-Fluorophenol
 Concen: 125.553 ng
 RT: 5.352 min Scan# 368
 Delta R.T. -0.006 min
 Lab File: BM041370.D
 Acq: 10 Aug 2023 19:39

Tgt Ion:112 Resp: 963373
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.5 72.7
 63 32.5 26.5 39.7



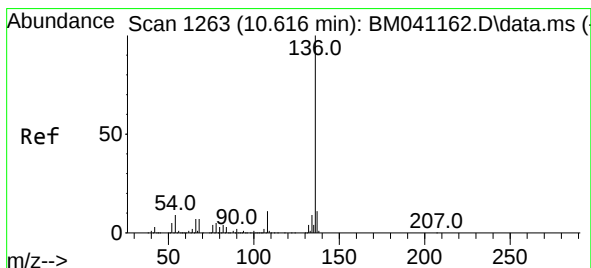
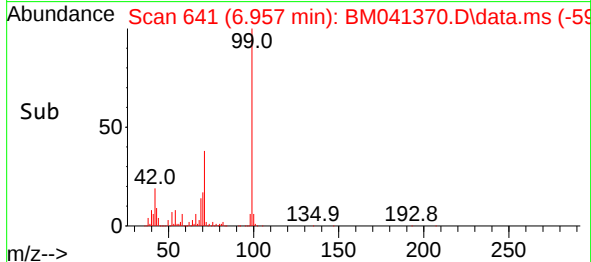
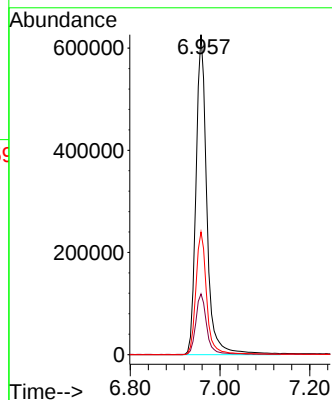
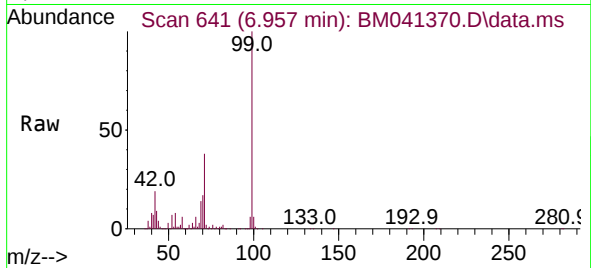


#7
Phenol-d6
Concen: 105.814 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

Instrument :
BNA_M
ClientSampleId :
WC-28

Tgt Ion: 99 Resp: 1052435

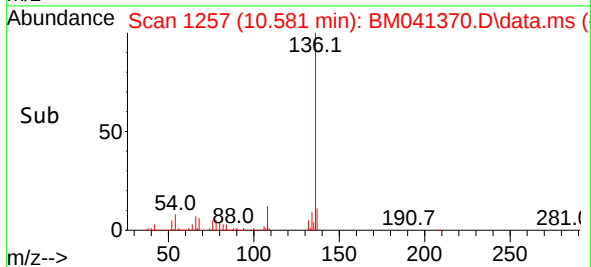
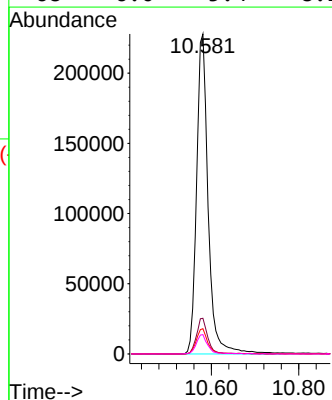
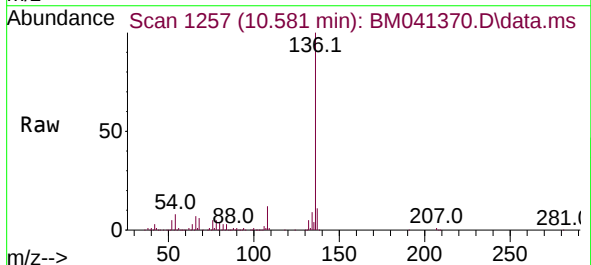
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.4	23.0
71	38.3	28.2	42.4

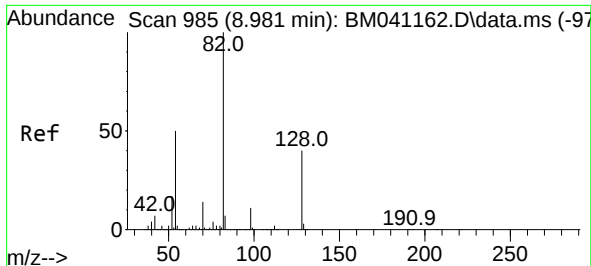


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

Tgt Ion: 136 Resp: 418480

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	6.9	10.3
68	6.0	5.4	8.2

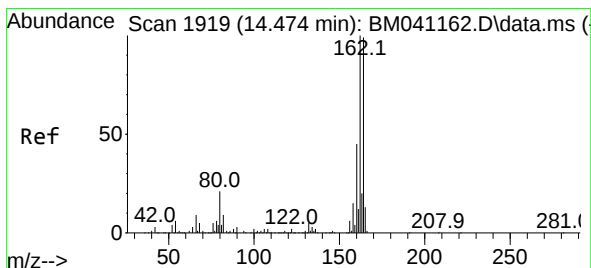
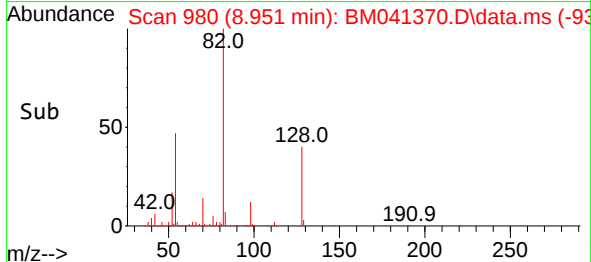
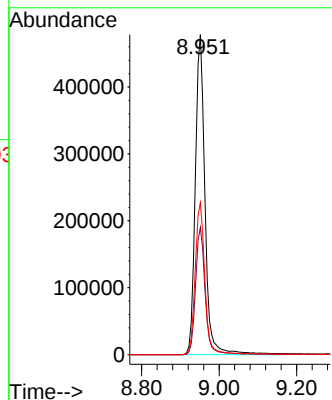
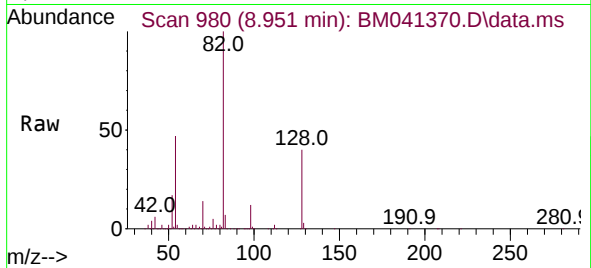




#23
Nitrobenzene-d5
Concen: 92.385 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

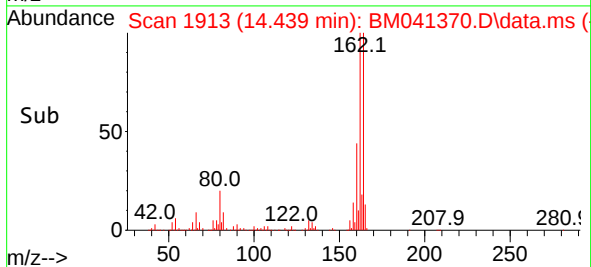
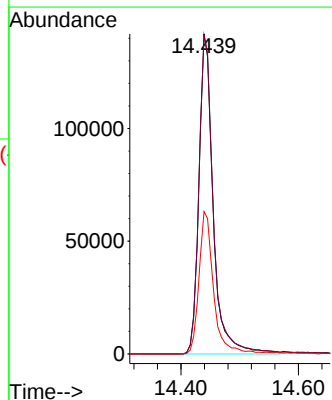
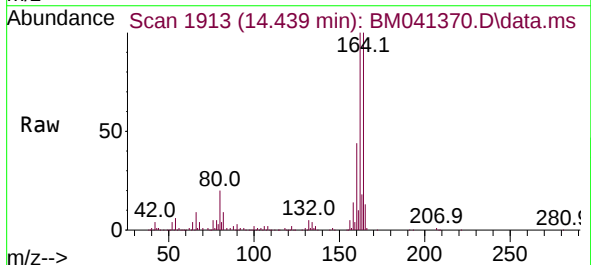
Instrument :
BNA_M
ClientSampleId :
WC-28

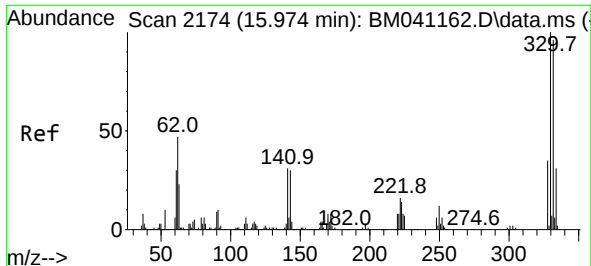
Tgt Ion: 82 Resp: 831340
Ion Ratio Lower Upper
82 100
128 39.7 31.8 47.6
54 47.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

Tgt Ion: 164 Resp: 238776
Ion Ratio Lower Upper
164 100
162 99.7 80.4 120.6
160 44.5 36.2 54.2

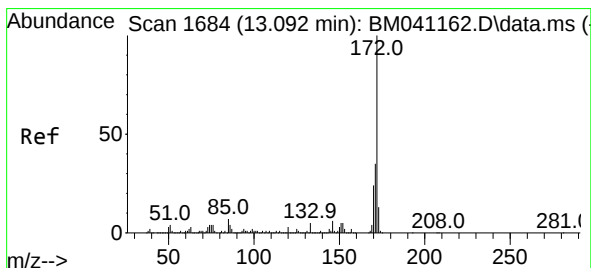
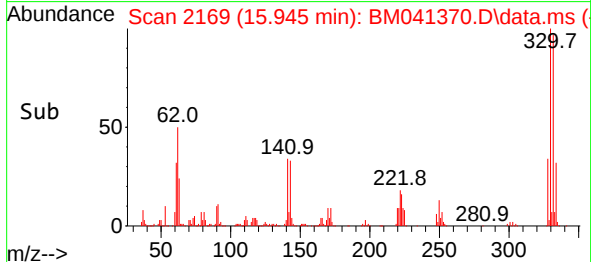
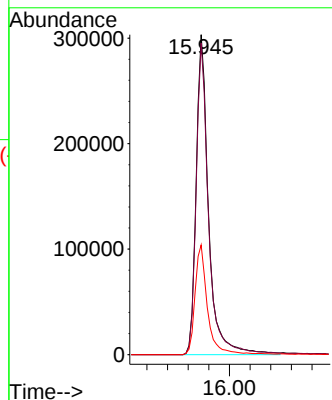
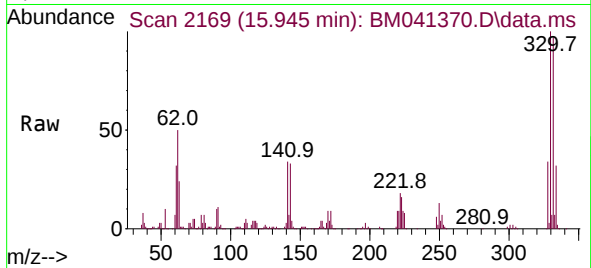




#42
2,4,6-Tribromophenol
Concen: 150.382 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

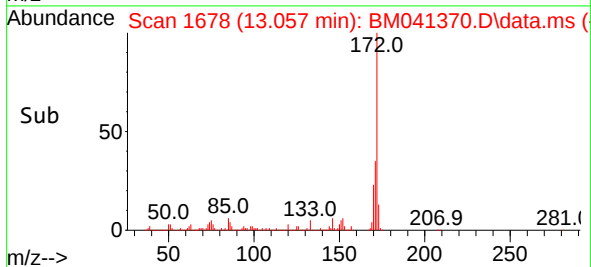
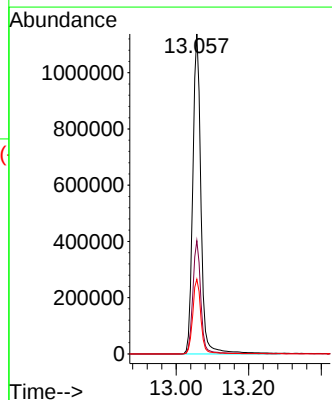
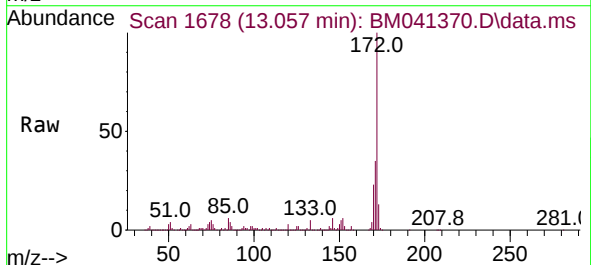
Instrument :
BNA_M
ClientSampleId :
WC-28

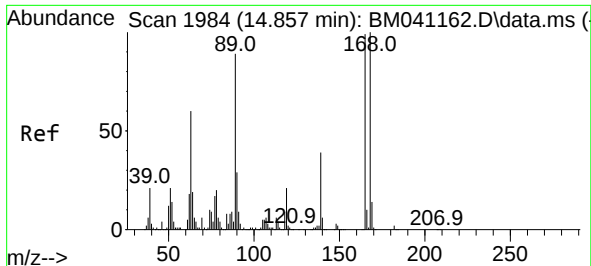
Tgt Ion:330 Resp: 507895
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.2 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 94.254 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

Tgt Ion:172 Resp: 1781569
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.3 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.682 ng

RT: 14.663 min Scan# 19

Delta R.T. -0.182 min

Lab File: BM041370.D

Acq: 10 Aug 2023 19:39

Instrument :

BNA_M

ClientSampleId :

WC-28

Tgt Ion:165 Resp: 65

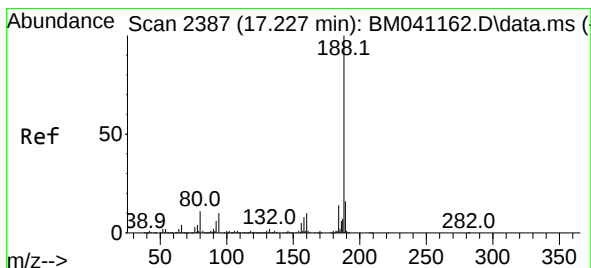
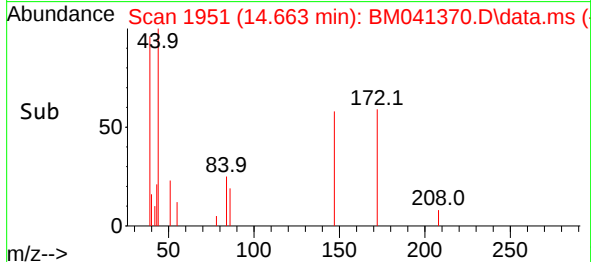
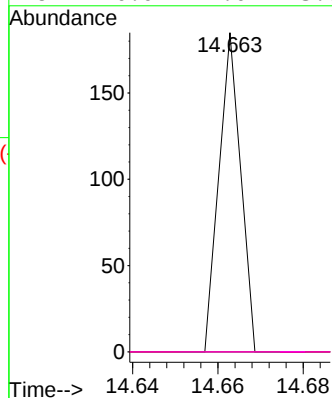
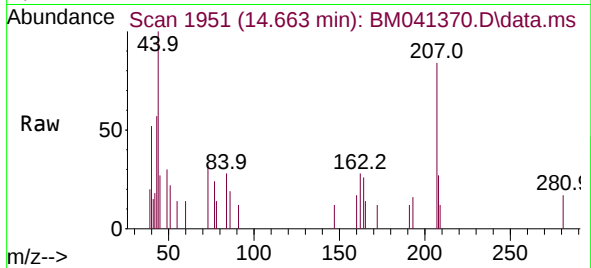
Ion Ratio Lower Upper

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: BM041370.D

Acq: 10 Aug 2023 19:39

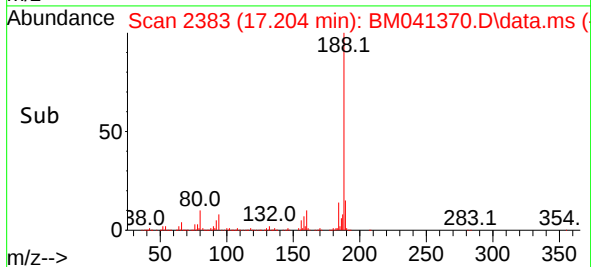
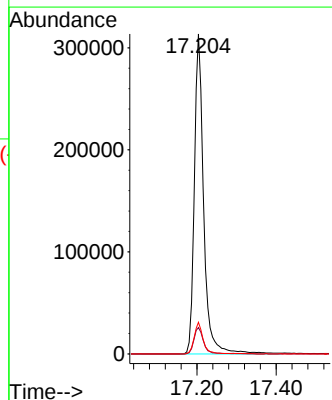
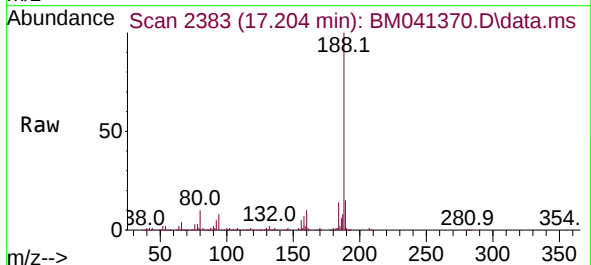
Tgt Ion:188 Resp: 512615

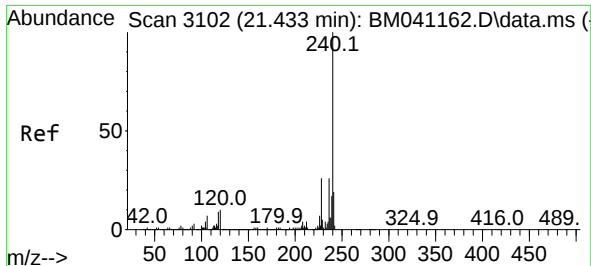
Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.9 8.6 13.0

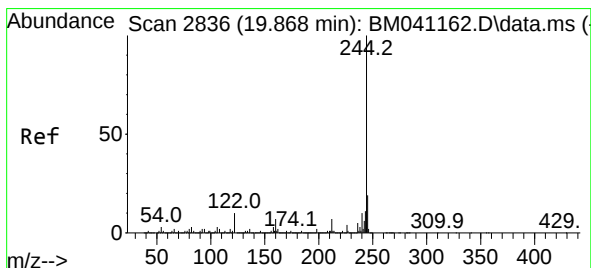
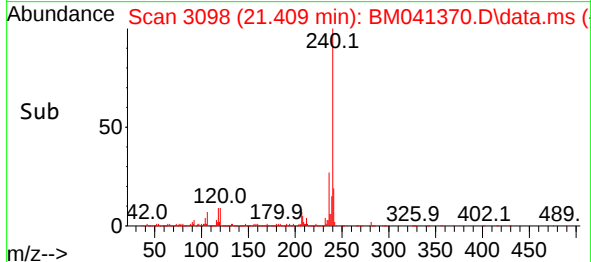
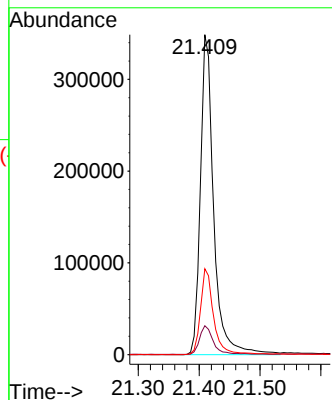
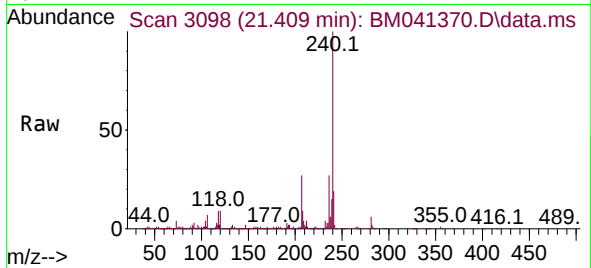




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

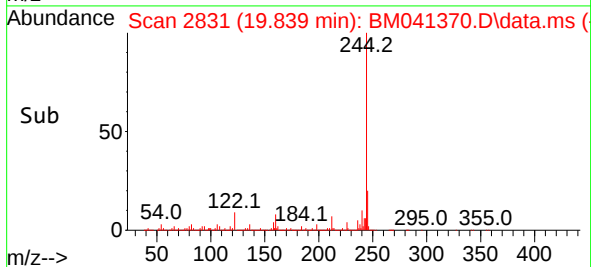
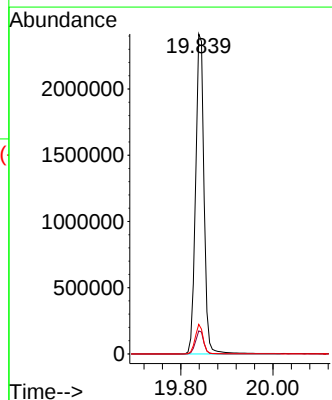
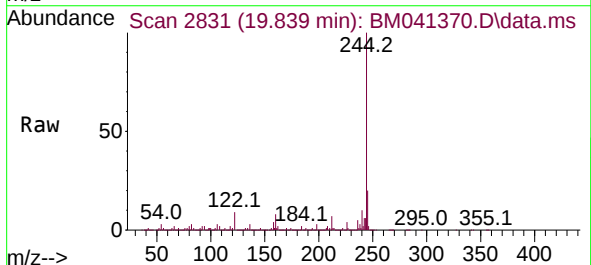
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WC-28

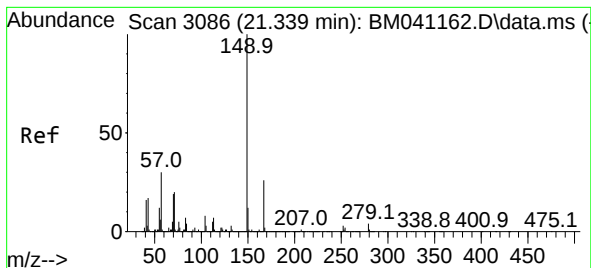
Tgt Ion:240 Resp: 527632
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.8 20.6 30.8



#79
Terphenyl-d14
Concen: 104.474 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041370.D
Acq: 10 Aug 2023 19:39

Tgt Ion:244 Resp: 3048796
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.2 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.672 ng

RT: 21.309 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM041370.D

Acq: 10 Aug 2023 19:39

Instrument :

BNA_M

ClientSampleId :

WC-28

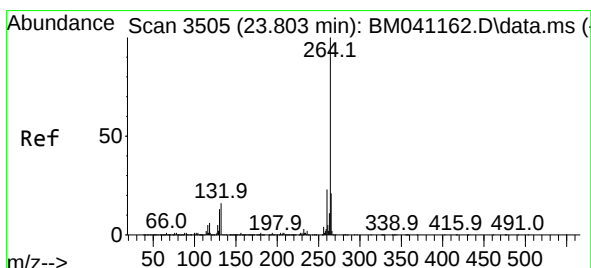
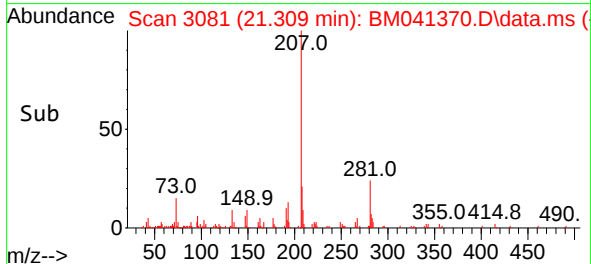
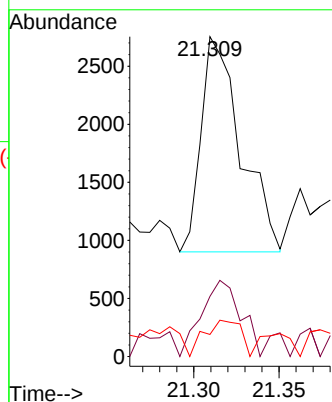
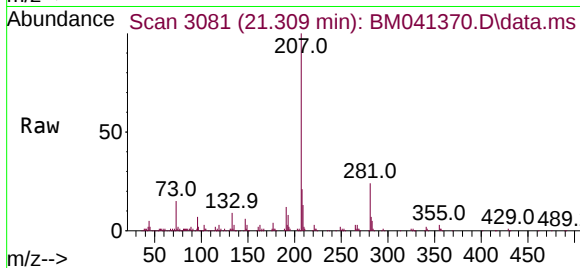
Tgt Ion:149 Resp: 3006

Ion Ratio Lower Upper

149 100

167 18.8 21.0 31.6#

279 6.9 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: BM041370.D

Acq: 10 Aug 2023 19:39

Tgt Ion:264 Resp: 668611

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.4 17.4 26.0

