

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041385.D
 Acq On : 11 Aug 2023 13:45
 Operator : MA/JU
 Sample : 03955-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-28

Quant Time: Aug 11 15:26:55 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)

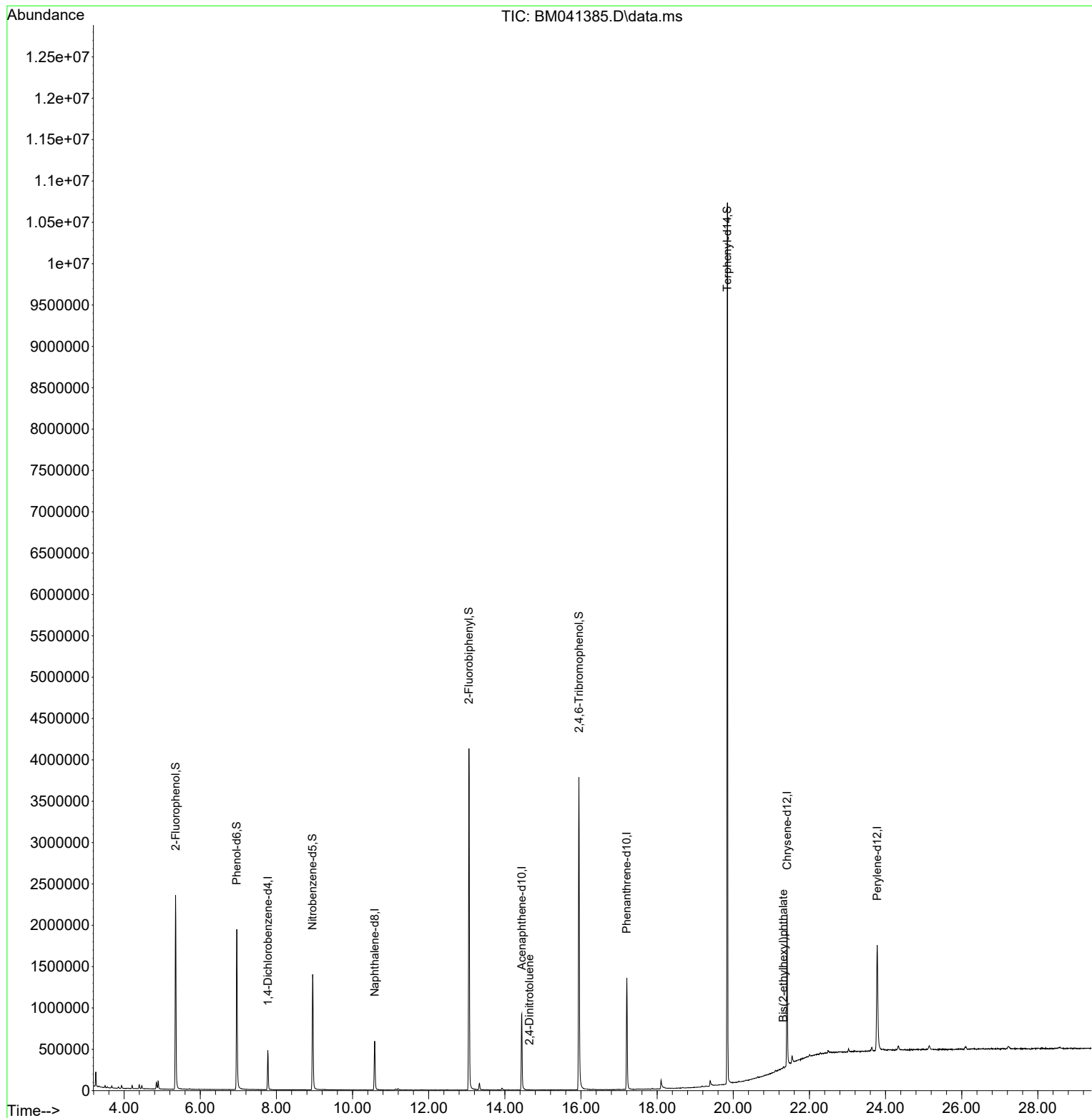
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	122699	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	492621	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	338885	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	861160	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	963434	20.000	ng	0.00
86) Perylene-d12	23.780	264	1130324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	962762	117.273	ng	0.00
7) Phenol-d6	6.957	99	1123569	105.583	ng	-0.01
23) Nitrobenzene-d5	8.951	82	851580	80.391	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	760473	158.652	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2075376	77.363	ng	0.00
79) Terphenyl-d14	19.844	244	4854541	91.104	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.645	165	64	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	4388	2.646	ng	# 93

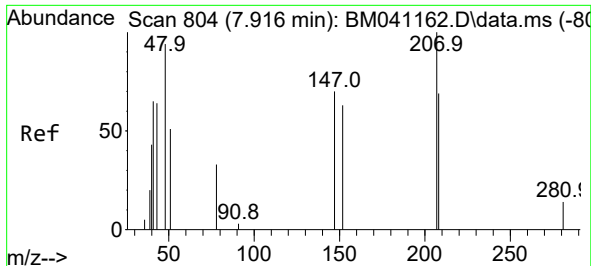
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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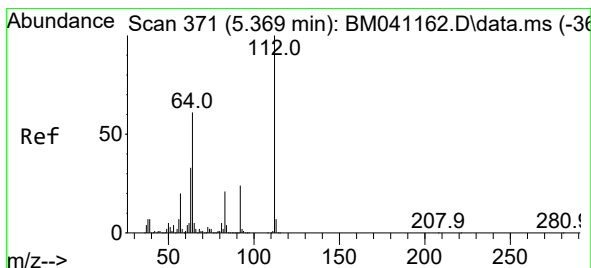
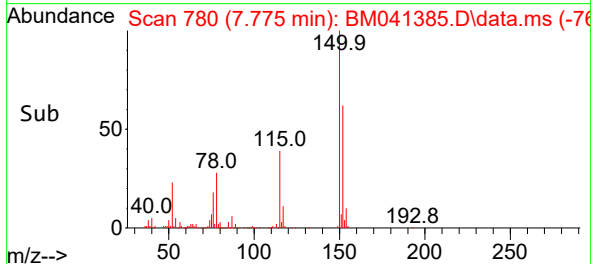
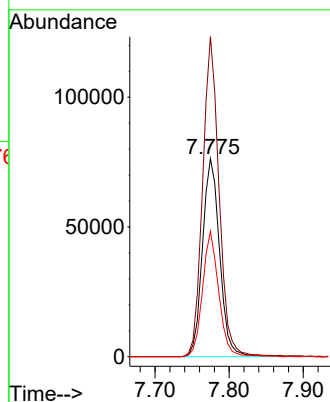
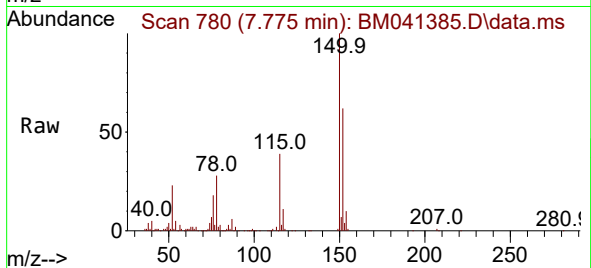




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

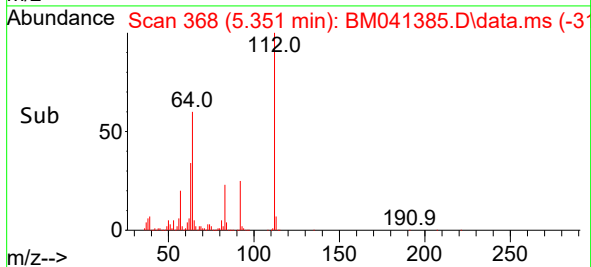
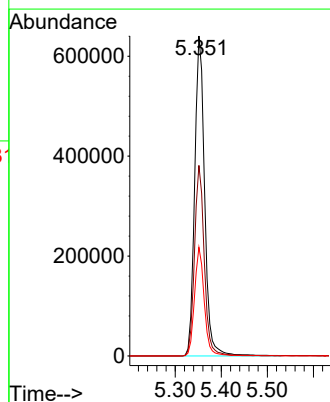
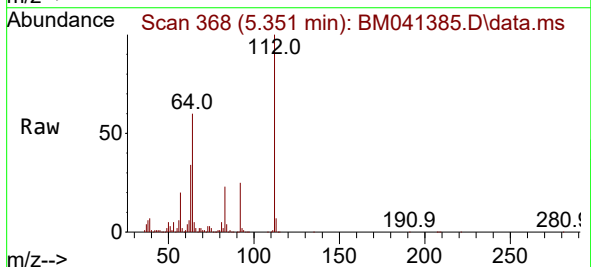
Instrument :
BNA_M
ClientSampleId :
WC-28

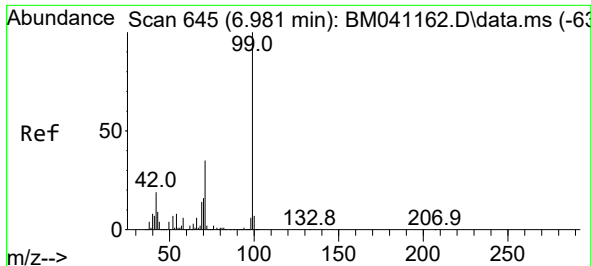
Tgt Ion:152 Resp: 122699
Ion Ratio Lower Upper
152 100
150 161.5 125.5 188.3
115 63.3 48.0 72.0



#5
2-Fluorophenol
Concen: 117.273 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

Tgt Ion:112 Resp: 962762
Ion Ratio Lower Upper
112 100
64 59.5 48.5 72.7
63 34.0 26.5 39.7



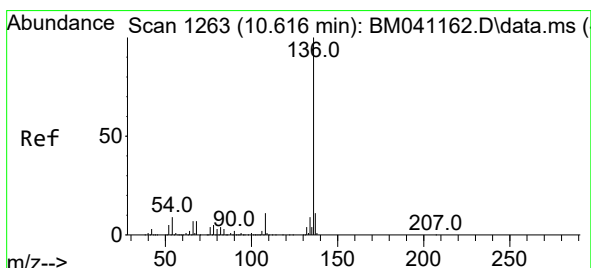
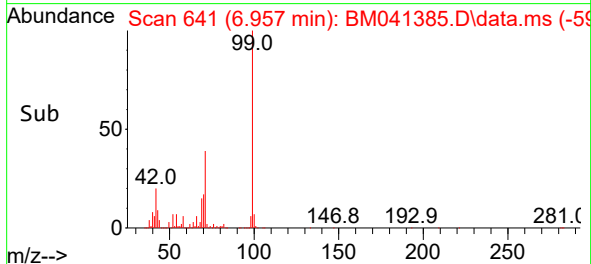
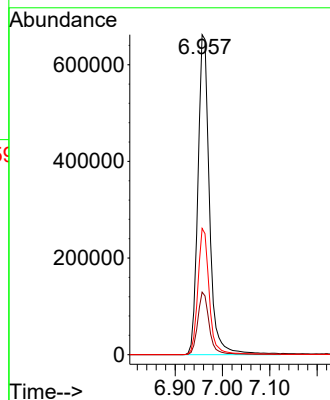
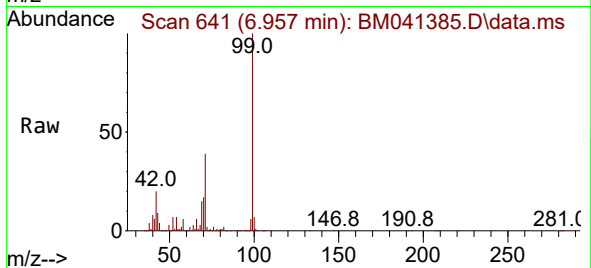


#7
Phenol-d6
Concen: 105.583 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.012 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

Instrument :
BNA_M
ClientSampleId :
WC-28

Tgt Ion: 99 Resp: 1123569

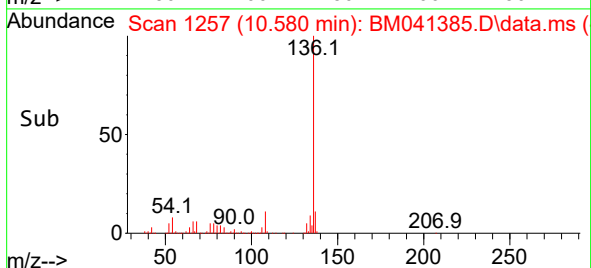
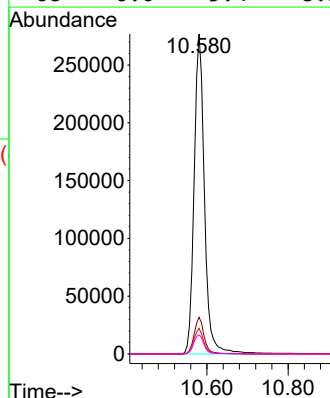
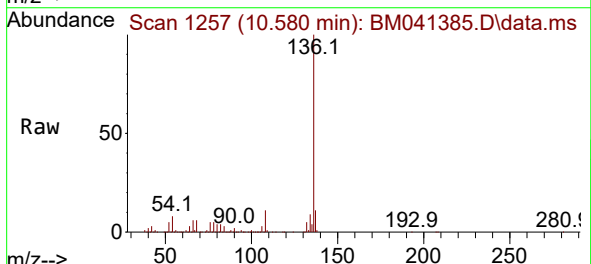
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.0
71	39.5	28.2	42.4

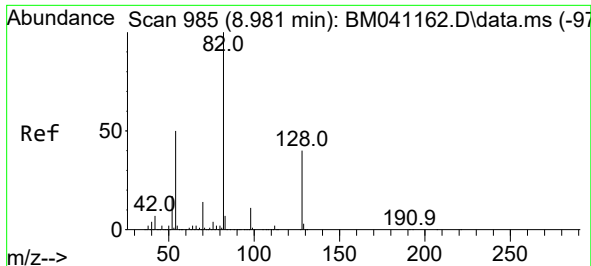


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

Tgt Ion:136 Resp: 492621

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.0	6.9	10.3
68	6.0	5.4	8.2

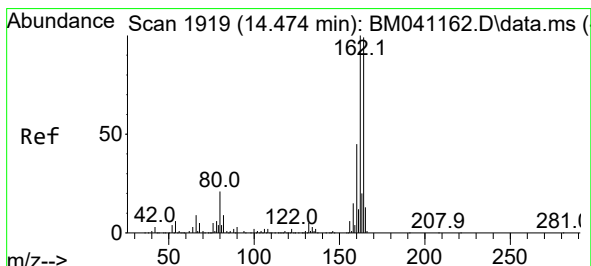
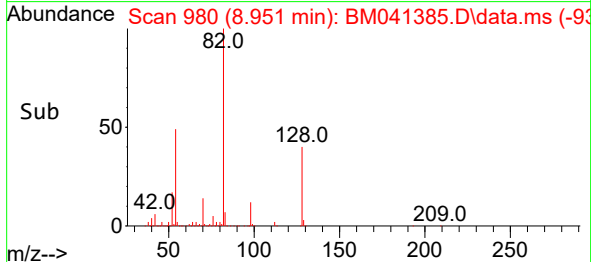
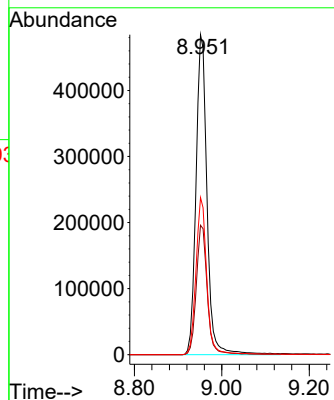
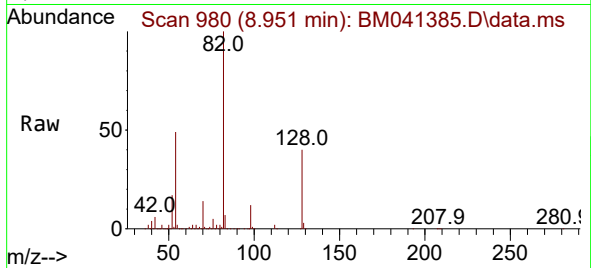




#23
Nitrobenzene-d5
Concen: 80.391 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

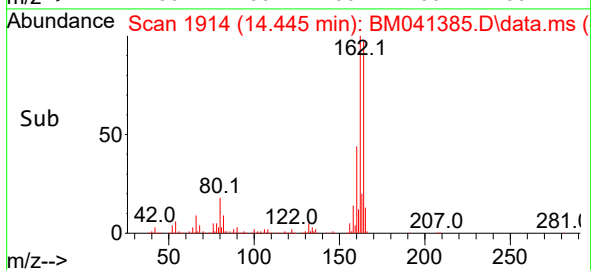
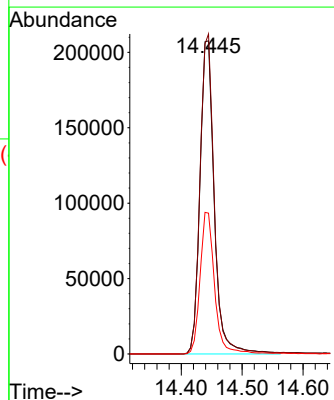
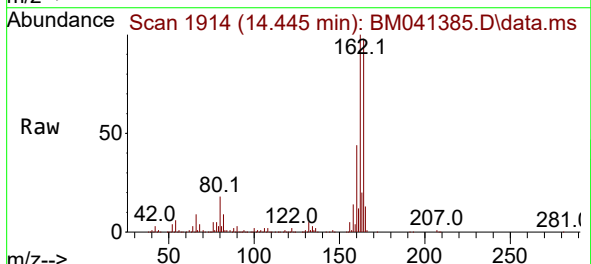
Instrument :
BNA_M
ClientSampleId :
WC-28

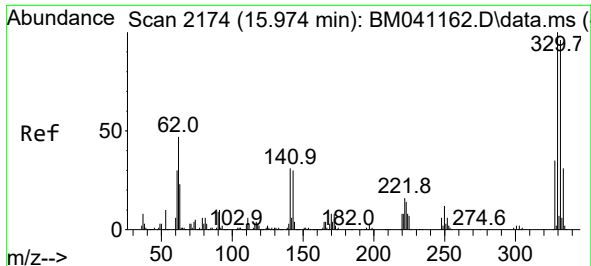
Tgt Ion: 82 Resp: 851580
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 49.1 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

Tgt Ion: 164 Resp: 338885
Ion Ratio Lower Upper
164 100
162 102.2 80.4 120.6
160 45.0 36.2 54.2

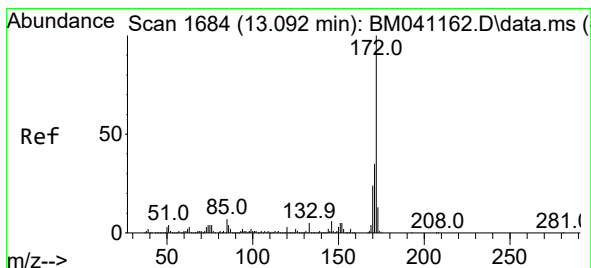
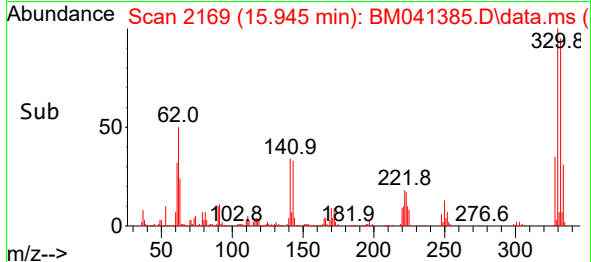
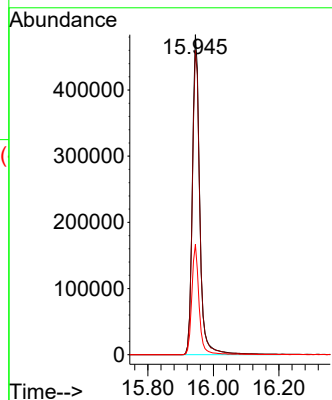
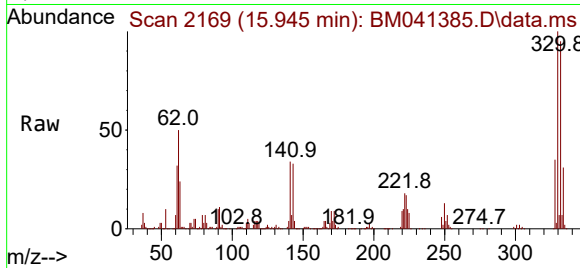




#42
2,4,6-Tribromophenol
Concen: 158.652 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

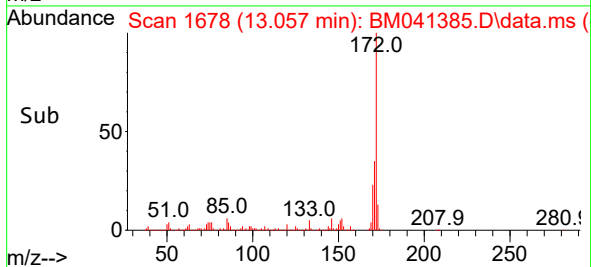
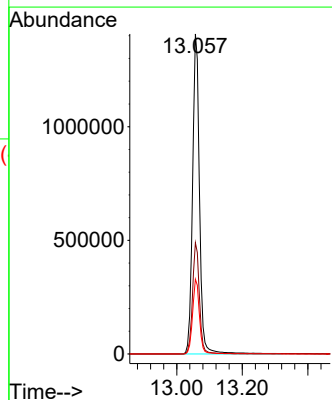
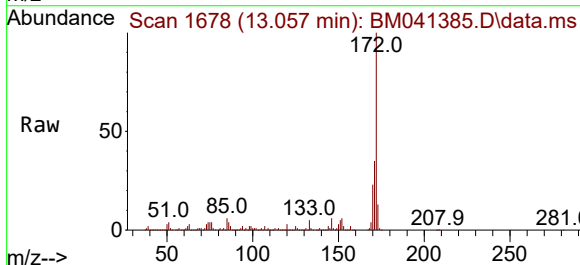
Instrument :
BNA_M
ClientSampleId :
WC-28

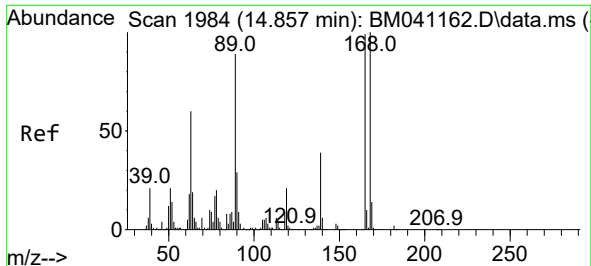
Tgt Ion:330 Resp: 760473
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 77.363 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041385.D
Acq: 11 Aug 2023 13:45

Tgt Ion:172 Resp: 2075376
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.645 min Scan# 1984

Delta R.T. -0.200 min

Lab File: BM041385.D

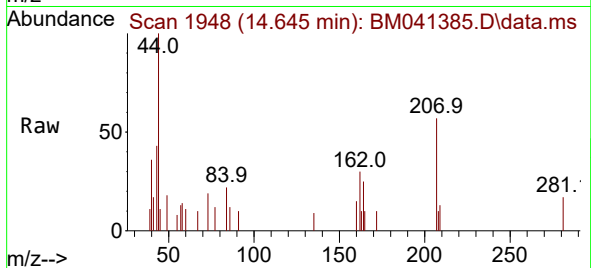
Acq: 11 Aug 2023 13:45

Instrument :

BNA_M

ClientSampleId :

WC-28



Tgt Ion:165 Resp: 64

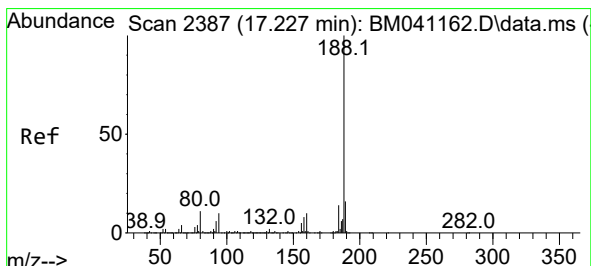
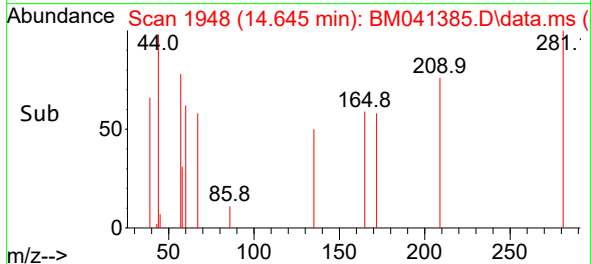
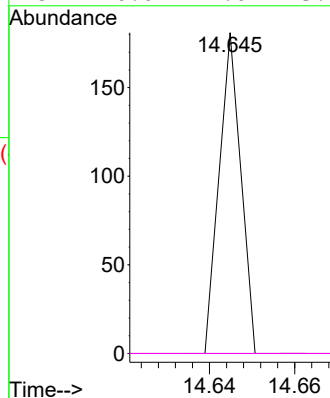
Ion Ratio Lower Upper

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: 17.203 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041385.D

Acq: 11 Aug 2023 13:45

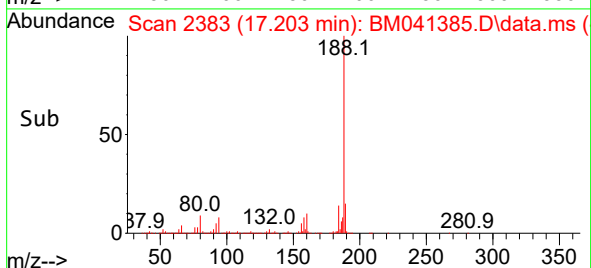
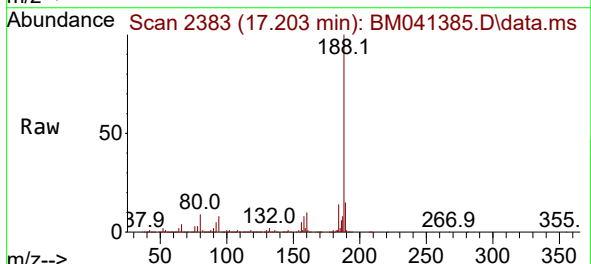
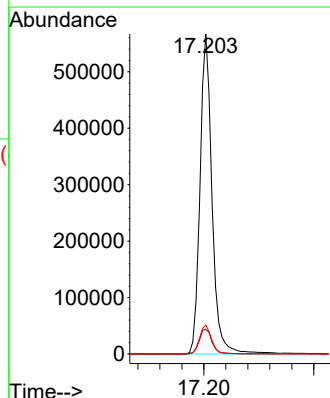
Tgt Ion:188 Resp: 861160

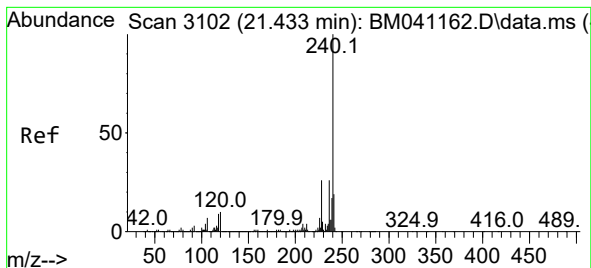
Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

80 9.0 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM041385.D

Acq: 11 Aug 2023 13:45

Instrument :

BNA_M

ClientSampleId :

WC-28

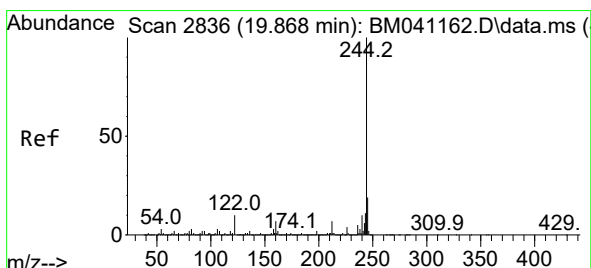
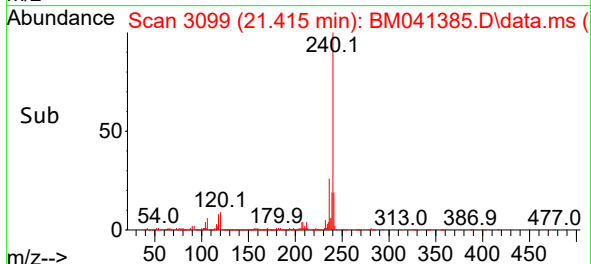
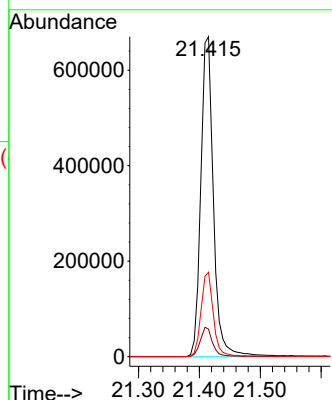
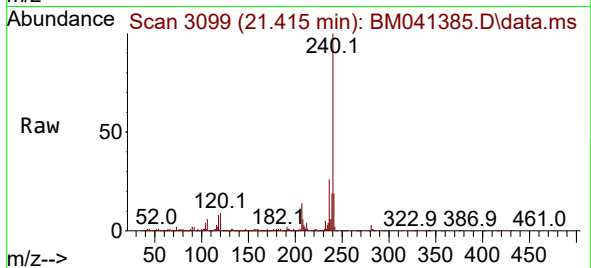
Tgt Ion:240 Resp: 963434

Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.4 20.6 30.8



#79

Terphenyl-d14

Concen: 91.104 ng

RT: 19.844 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041385.D

Acq: 11 Aug 2023 13:45

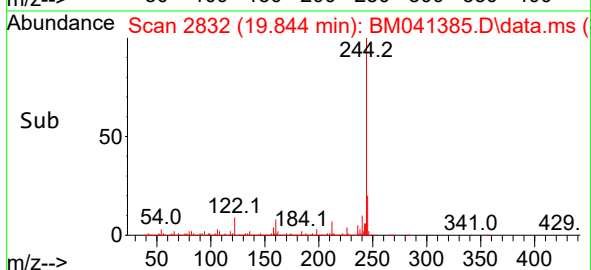
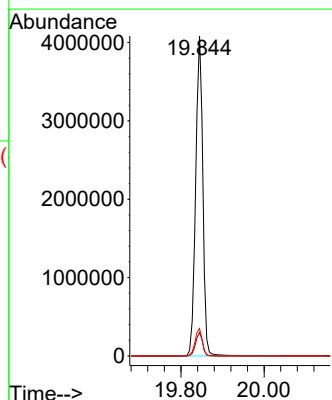
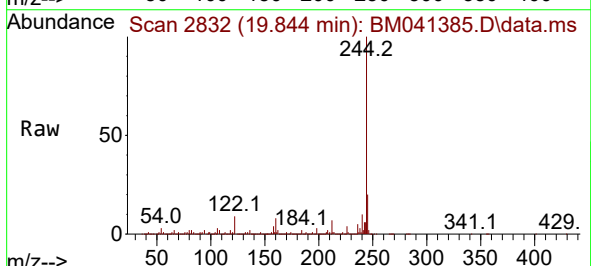
Tgt Ion:244 Resp: 4854541

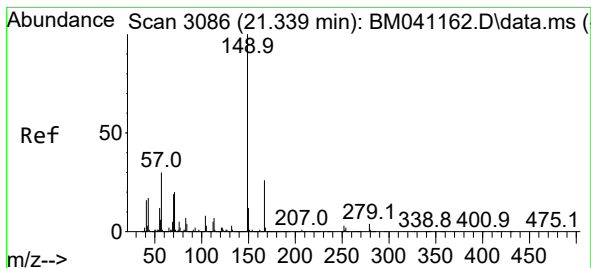
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.6 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.646 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041385.D

Acq: 11 Aug 2023 13:45

Instrument :

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WC-28

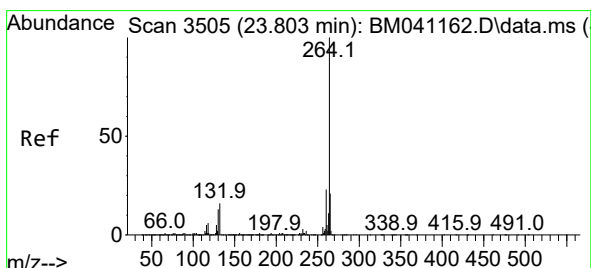
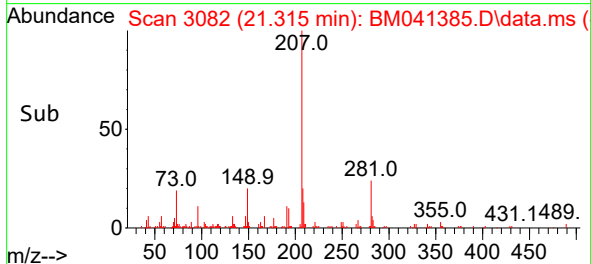
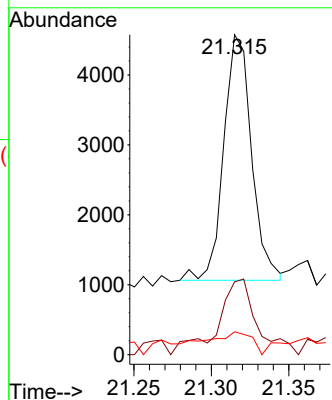
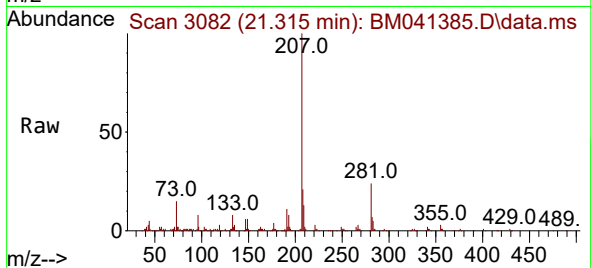
Tgt Ion:149 Resp: 4388

Ion Ratio Lower Upper

149 100

167 22.7 21.0 31.6

279 7.1 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: BM041385.D

Acq: 11 Aug 2023 13:45

Tgt Ion:264 Resp: 1130324

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.2 17.4 26.0

