

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041361.D
 Acq On : 10 Aug 2023 13:58
 Operator : MA/JU
 Sample : PB154742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154742BL

Quant Time: Aug 11 03:32:40 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)

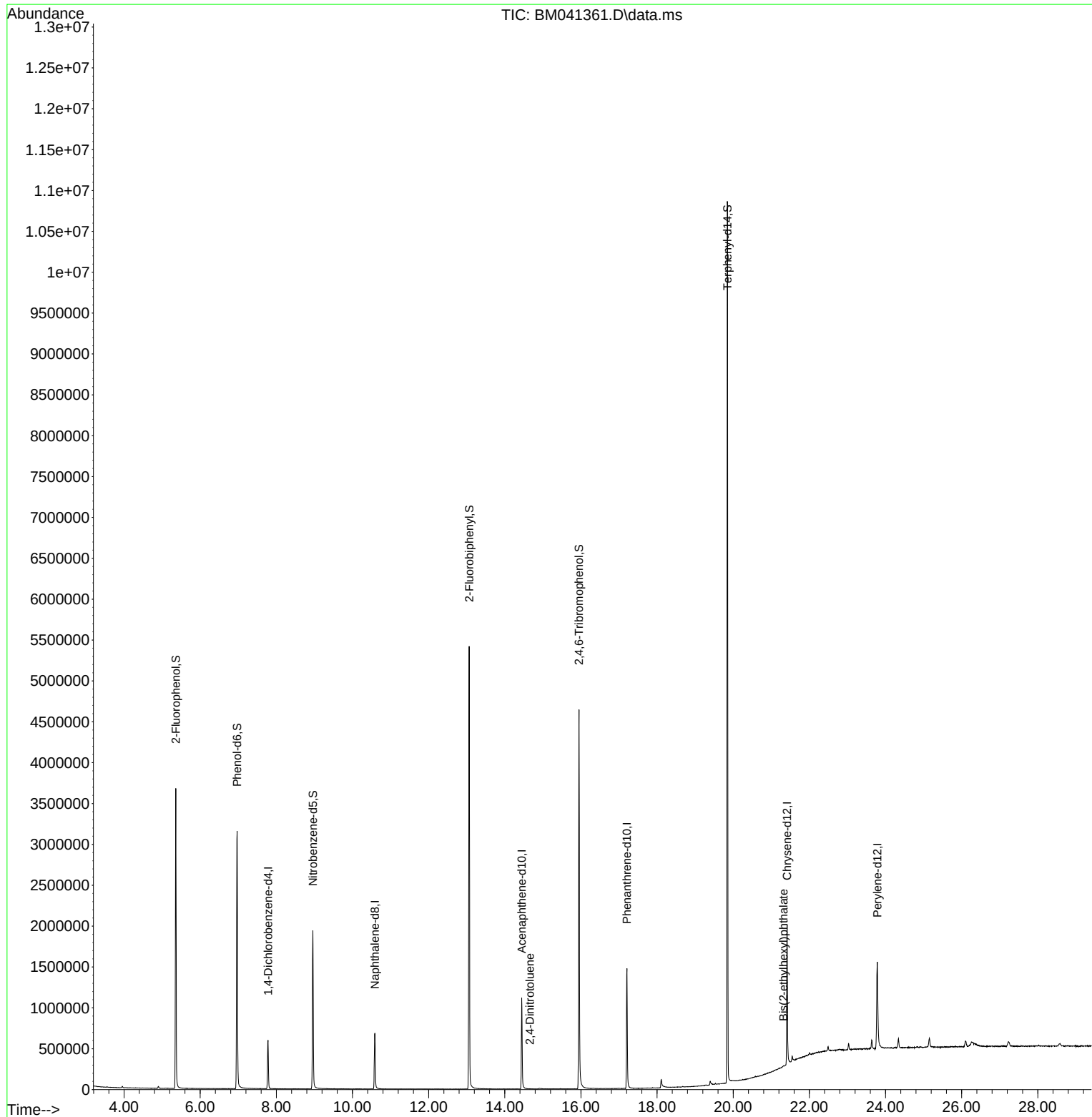
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	155836	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	602135	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	401577	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	968472	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	924312	20.000	ng	0.00
86) Perylene-d12	23.785	264	1004004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1471875	141.164	ng	0.00
7) Phenol-d6	6.969	99	1792865	132.652	ng	0.00
23) Nitrobenzene-d5	8.957	82	1151942	88.968	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	931723	164.033	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2753851	86.628	ng	0.00
79) Terphenyl-d14	19.850	244	5374341	105.128	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.657	165	58	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	4657	2.657	ng	# 91

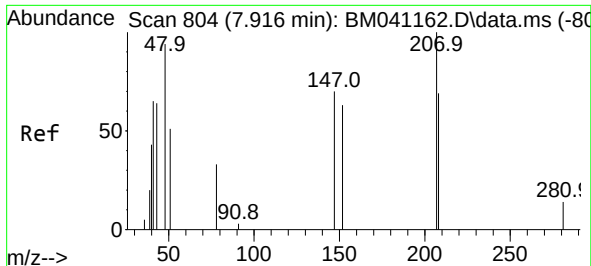
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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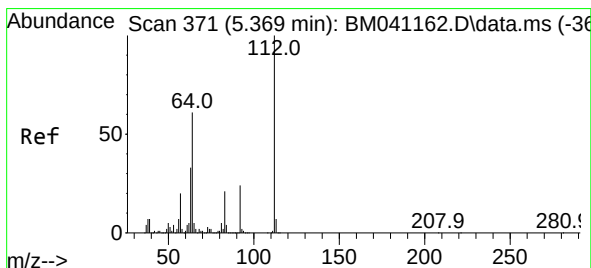
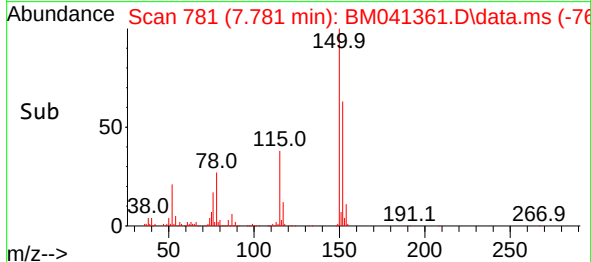
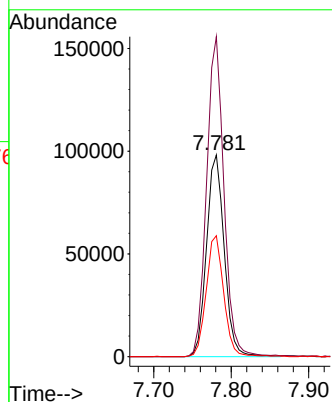
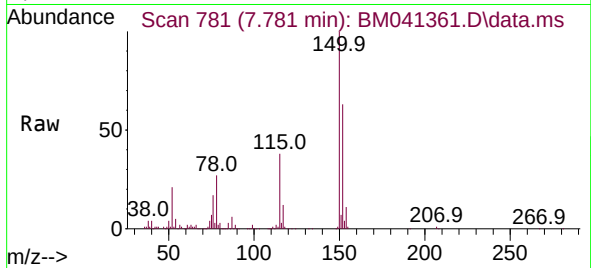




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. 0.006 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

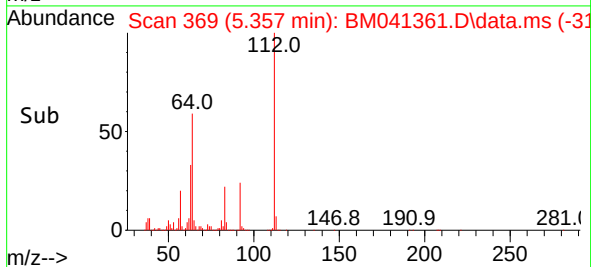
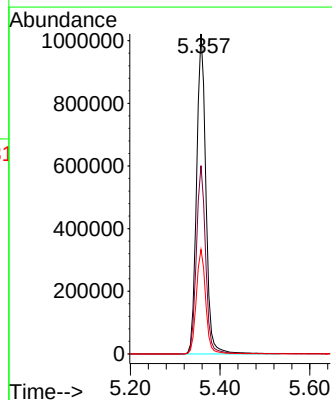
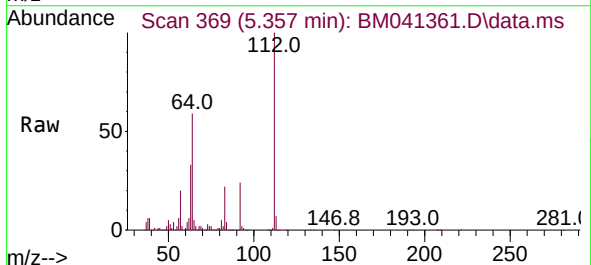
Instrument :
BNA_M
ClientSampleId :
PB154742BL

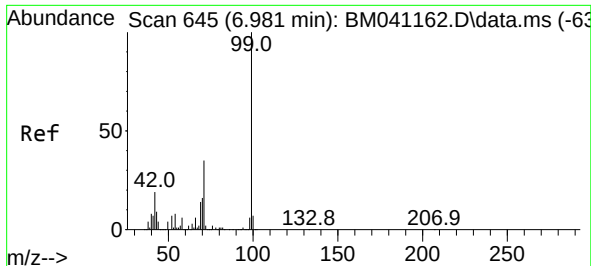
Tgt Ion:152 Resp: 155836
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 141.164 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Tgt Ion:112 Resp: 1471875
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 32.6 26.5 39.7



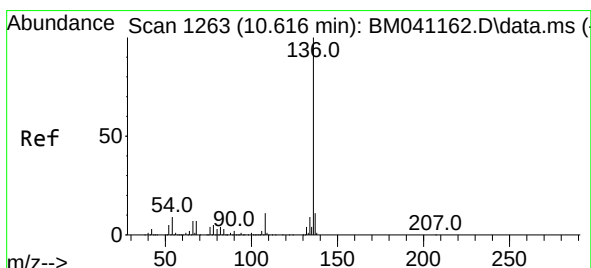
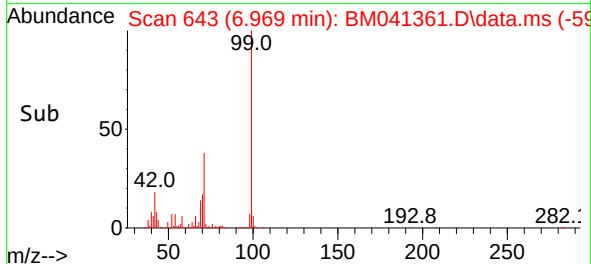
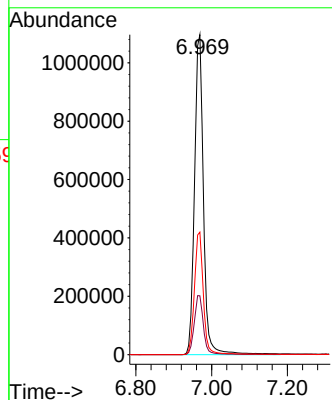
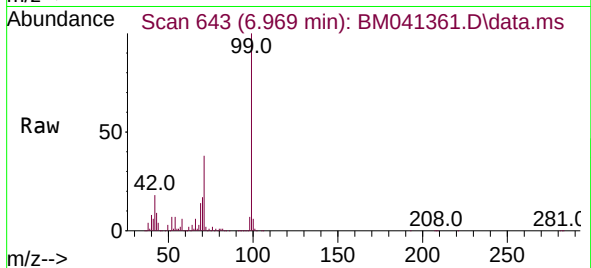


#7
Phenol-d6
Concen: 132.652 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Instrument :
BNA_M
ClientSampleId :
PB154742BL

Tgt Ion: 99 Resp: 1792865

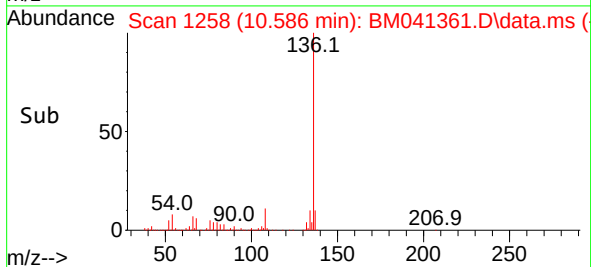
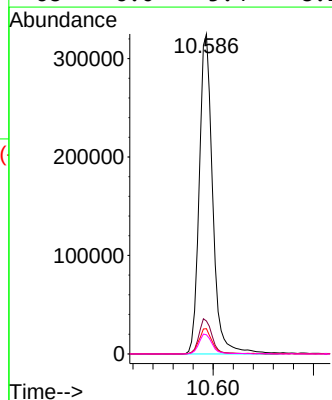
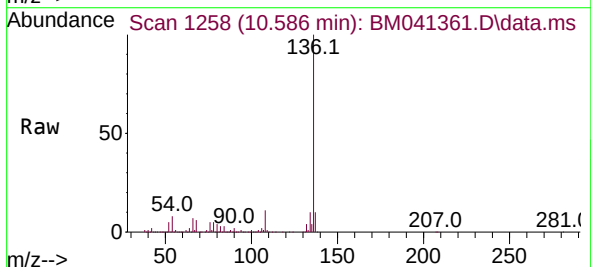
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	38.3	28.2	42.4

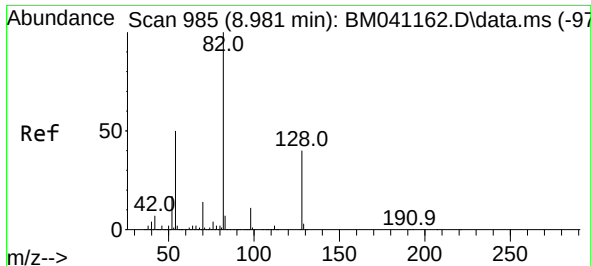


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Tgt Ion: 136 Resp: 602135

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

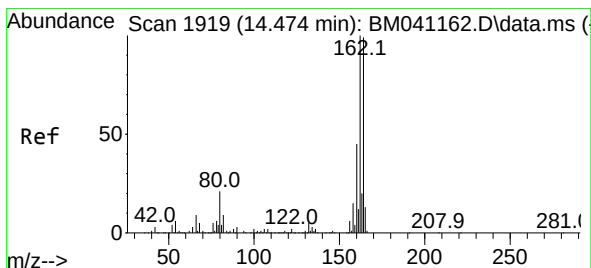
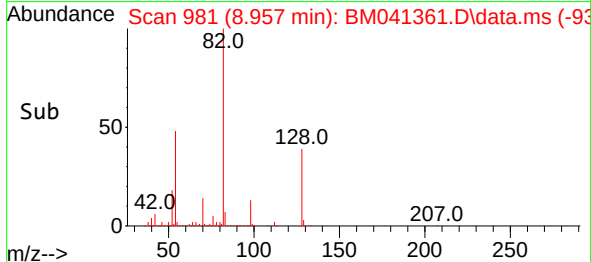
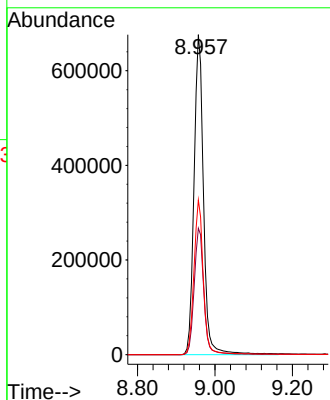
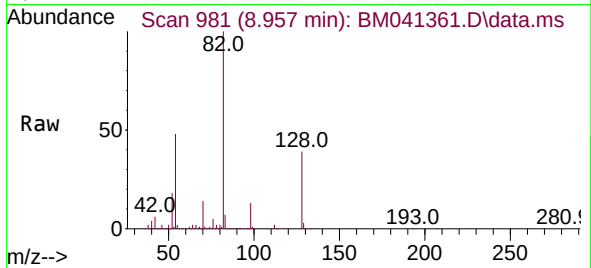




#23
Nitrobenzene-d5
Concen: 88.968 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

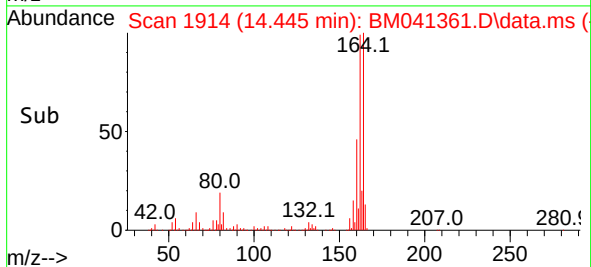
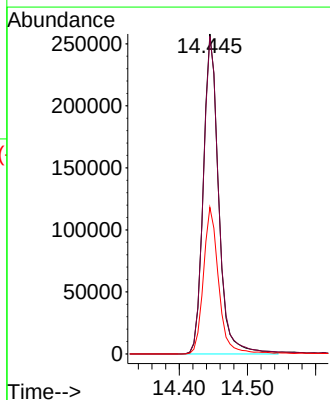
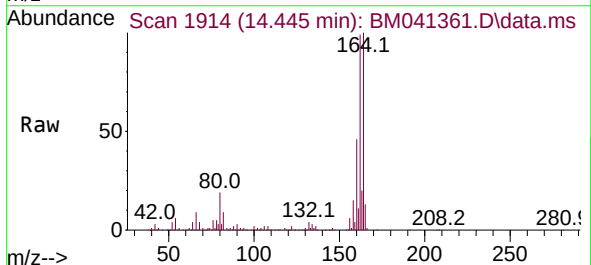
Instrument :
BNA_M
ClientSampleId :
PB154742BL

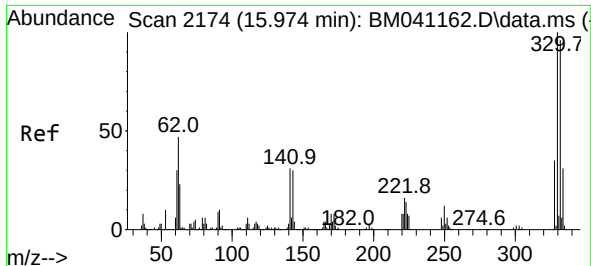
Tgt Ion: 82 Resp: 1151942
Ion Ratio Lower Upper
82 100
128 39.5 31.8 47.6
54 48.3 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Tgt Ion: 164 Resp: 401577
Ion Ratio Lower Upper
164 100
162 99.2 80.4 120.6
160 45.8 36.2 54.2

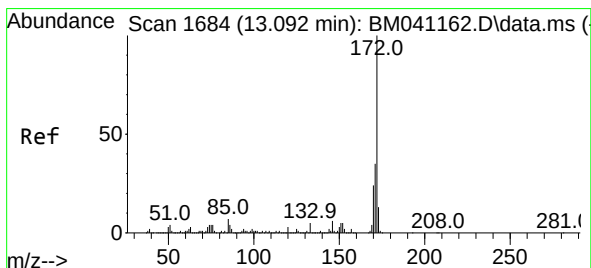
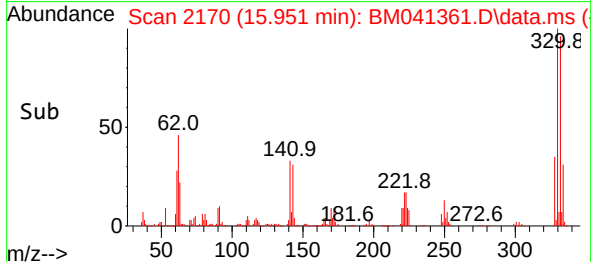
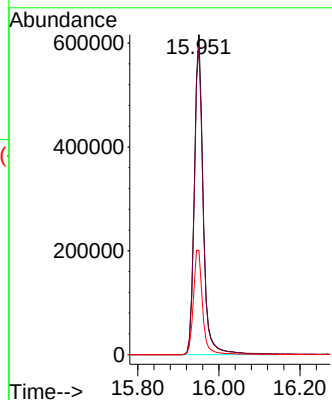
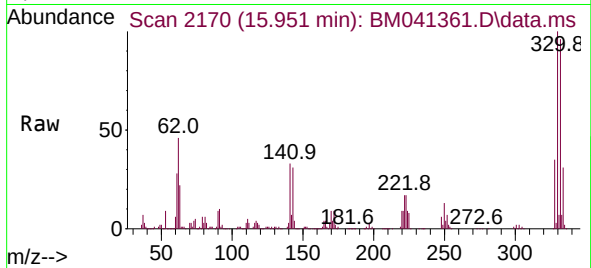




#42
2,4,6-Tribromophenol
Concen: 164.033 ng
RT: 15.951 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

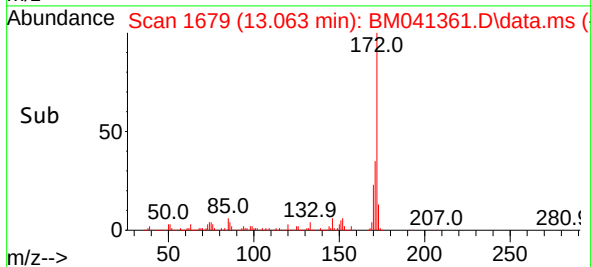
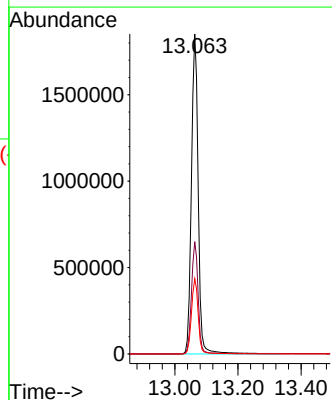
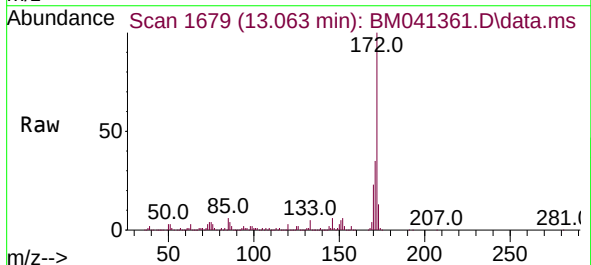
Instrument :
BNA_M
ClientSampleId :
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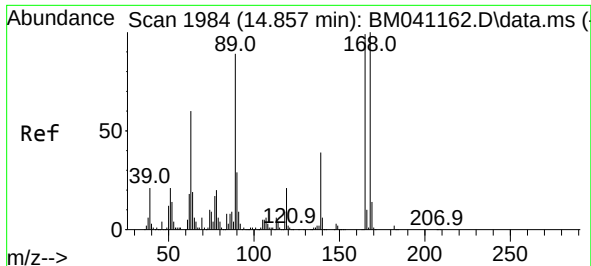
Tgt Ion:330 Resp: 931723
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 86.628 ng
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

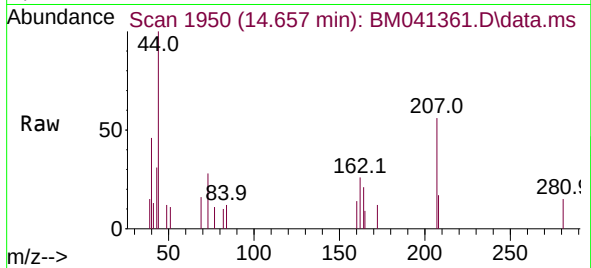
Tgt Ion:172 Resp: 2753851
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.9 28.3



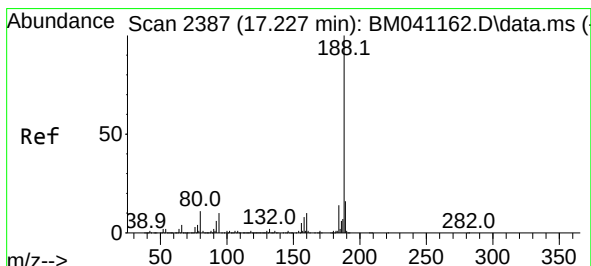
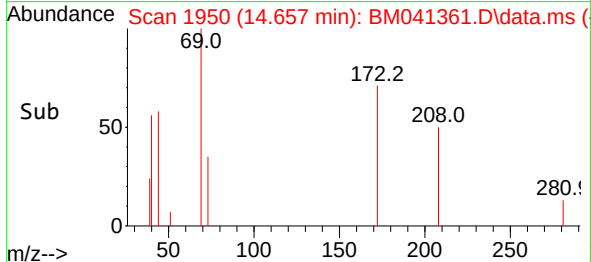
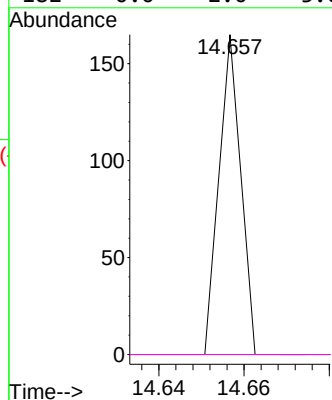


#57
2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.188 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Instrument :
BNA_M
ClientSampleId :
PB154742BL

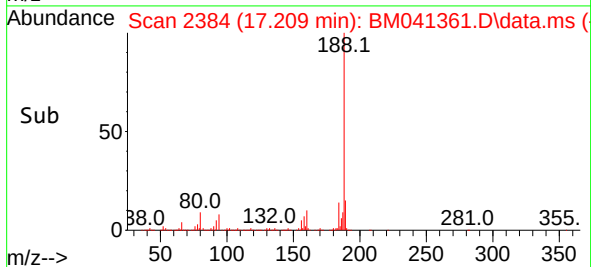
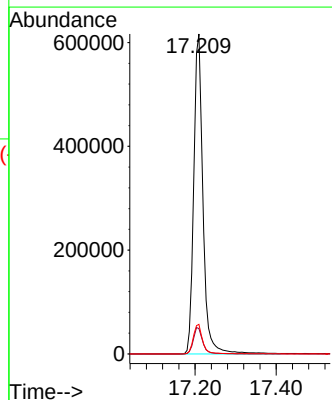
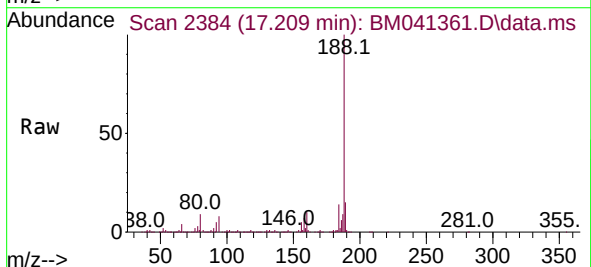


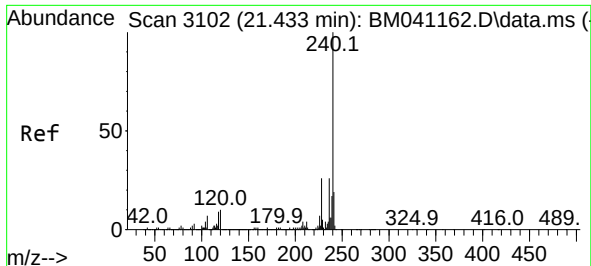
Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Tgt Ion:188 Resp: 968472
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 9.2 8.6 13.0

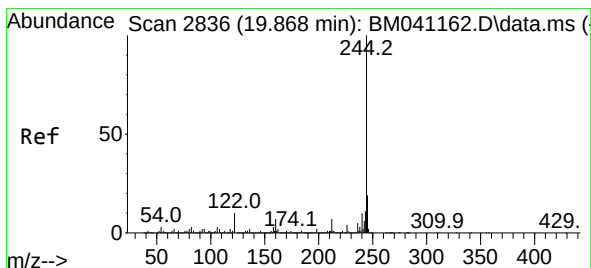
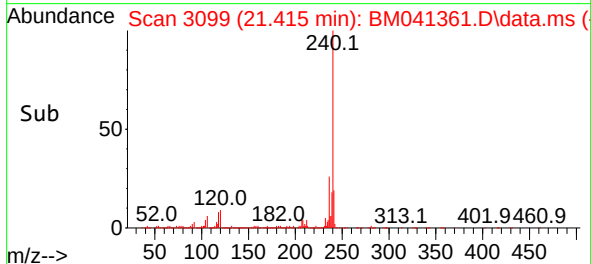
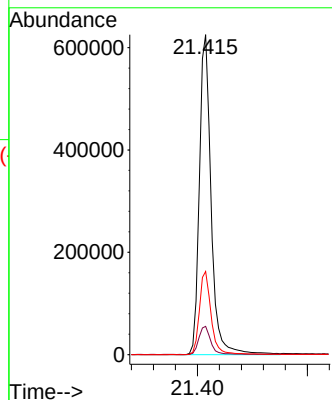
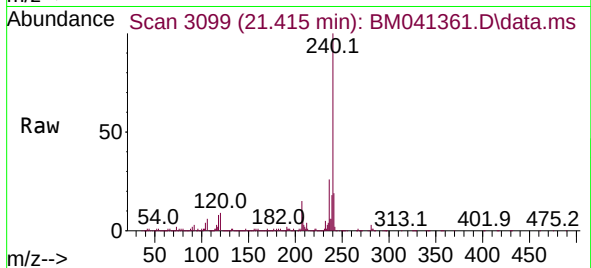




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

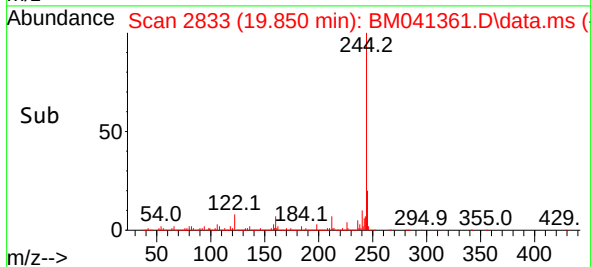
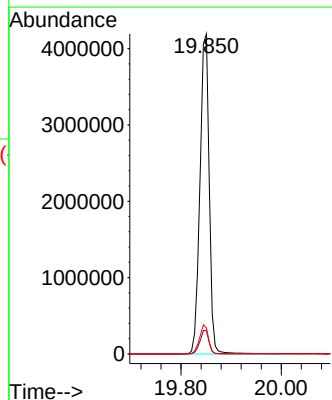
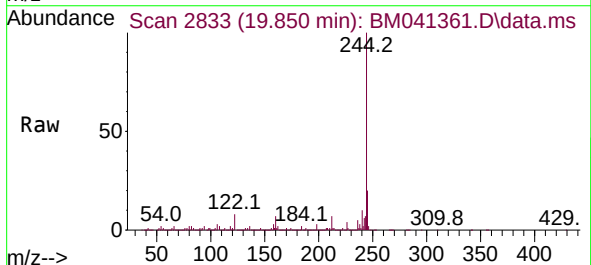
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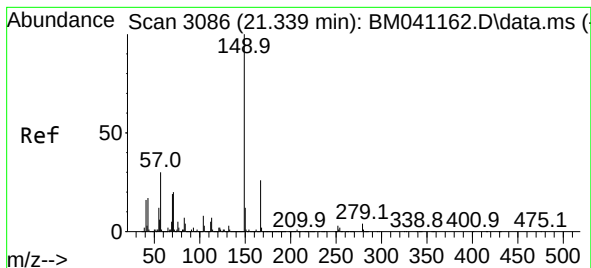
Tgt Ion:240 Resp: 924312
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 105.128 ng
RT: 19.850 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BM041361.D
Acq: 10 Aug 2023 13:58

Tgt Ion:244 Resp: 5374341
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 8.1 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.657 ng

RT: 21.321 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM041361.D

Acq: 10 Aug 2023 13:58

Instrument :

BNA_M

ClientSampleId :

PB154742BL

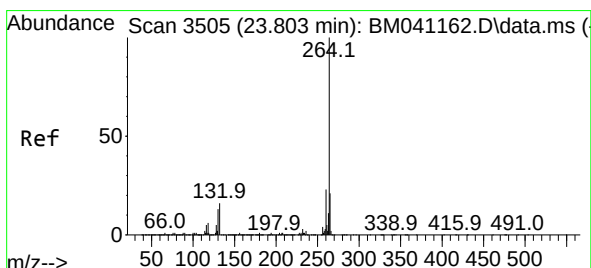
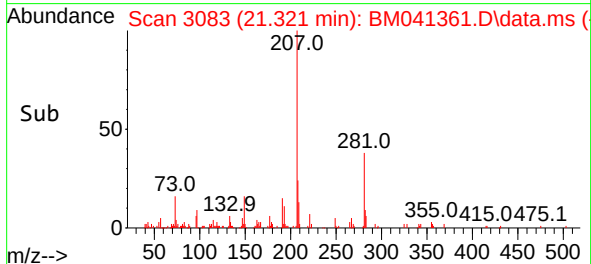
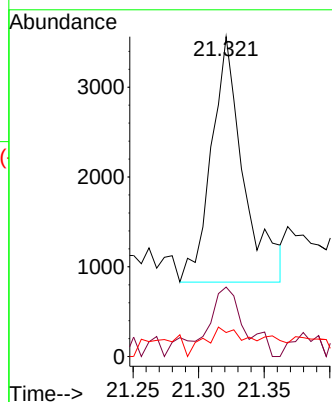
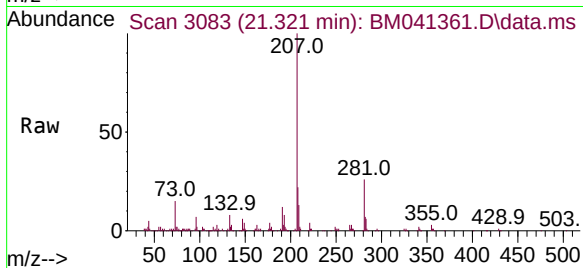
Tgt Ion:149 Resp: 4657

Ion Ratio Lower Upper

149 100

167 21.7 21.0 31.6

279 7.5 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BM041361.D

Acq: 10 Aug 2023 13:58

Tgt Ion:264 Resp: 1004004

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.7 17.4 26.0

