

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041343.D
 Acq On : 09 Aug 2023 17:16
 Operator : MA/JU
 Sample : PB154703TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154703TB

Quant Time: Aug 09 17:48:49 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	150943	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	598312	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	364041	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	740066	20.000	ng	0.00
76) Chrysene-d12	21.421	240	497963	20.000	ng	0.00
86) Perylene-d12	23.792	264	506528	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1325851	131.281	ng	0.00
7) Phenol-d6	6.969	99	1579242	120.634	ng	0.00
23) Nitrobenzene-d5	8.957	82	1069219	83.106	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	705884	137.087	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2467478	85.623	ng	0.00
79) Terphenyl-d14	19.851	244	3348682	121.587	ng	0.00

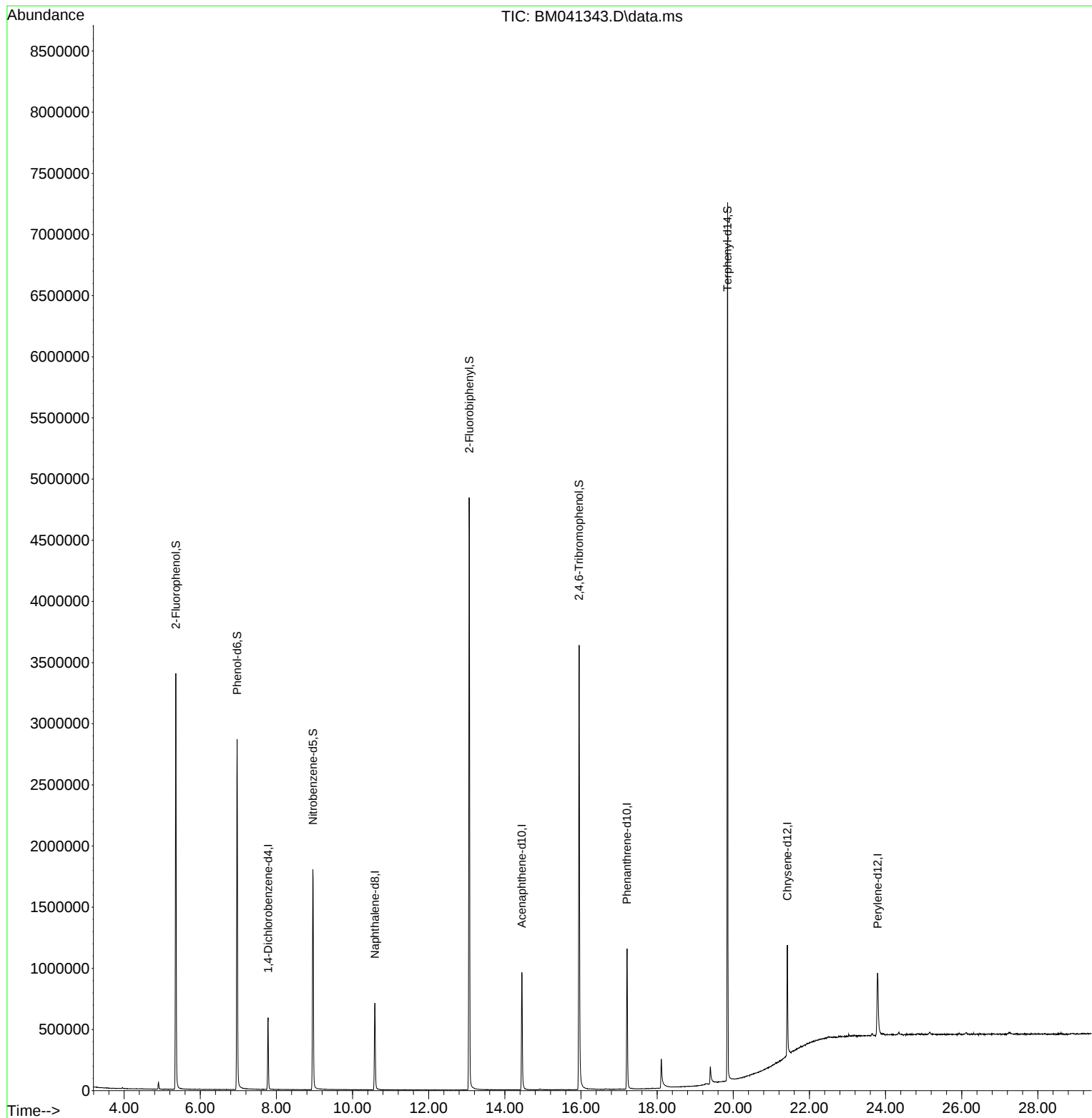
Target Compounds	Qvalue

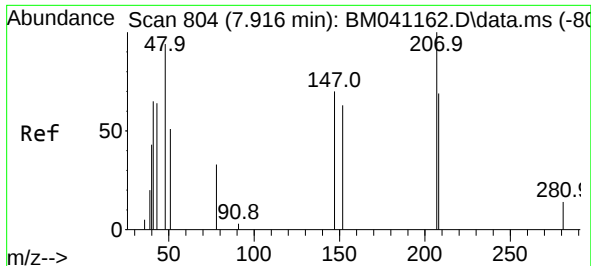
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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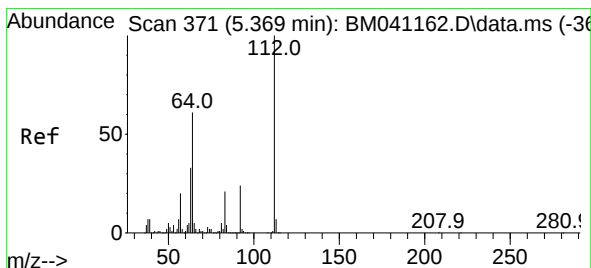
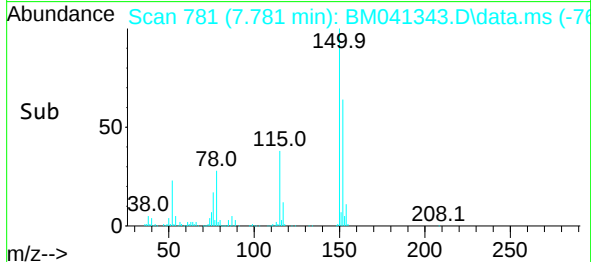
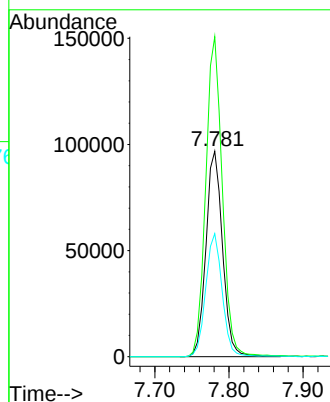
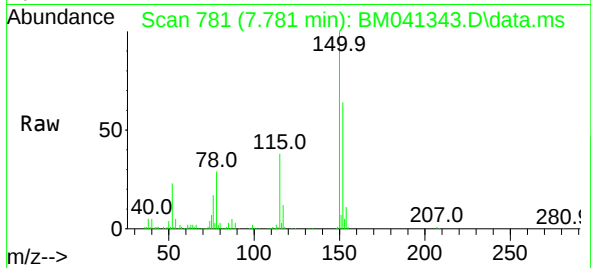




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

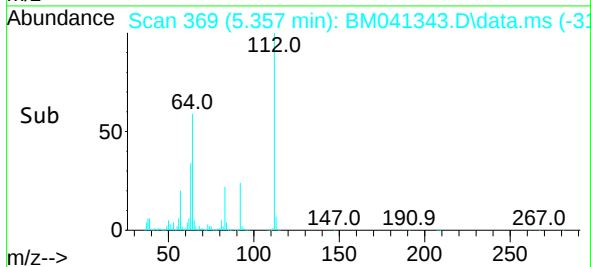
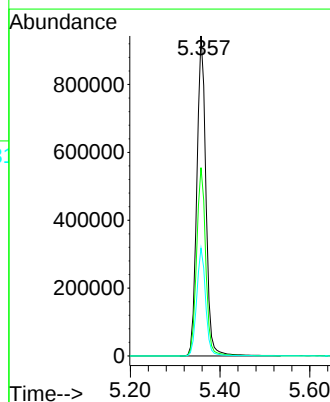
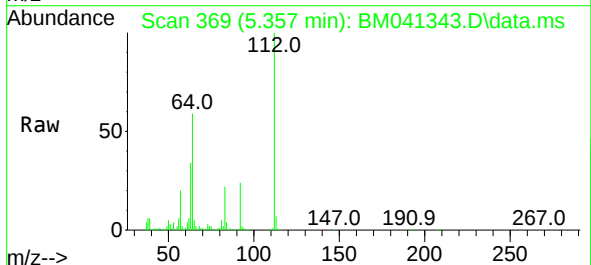
Instrument :
BNA_M
ClientSampleId :
PB154703TB

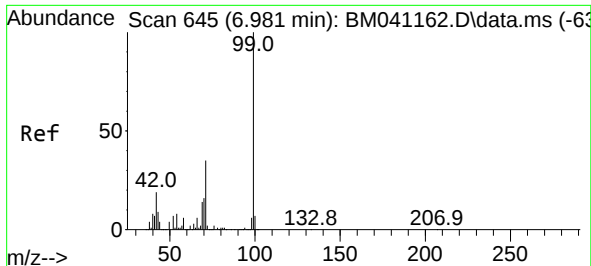
Tgt Ion:152 Resp: 150943
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 131.281 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

Tgt Ion:112 Resp: 1325851
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 33.7 26.5 39.7



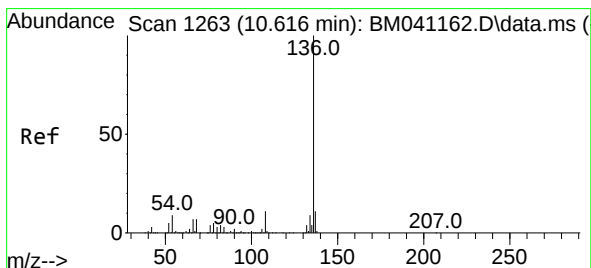
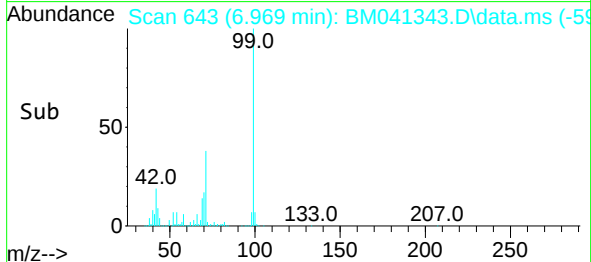
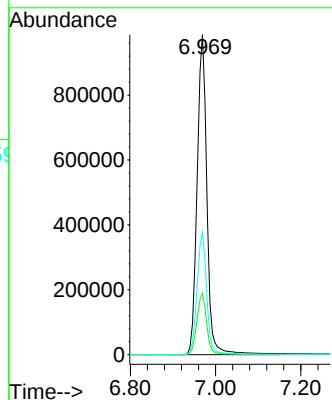
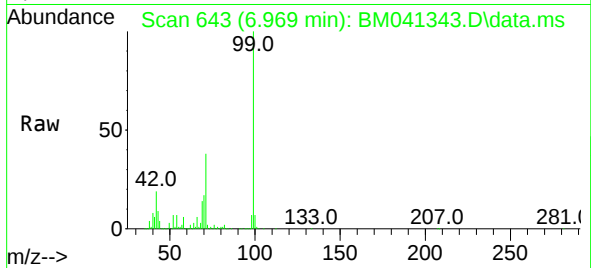


#7
Phenol-d6
Concen: 120.634 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

Instrument :
BNA_M
ClientSampleId :
PB154703TB

Tgt Ion: 99 Resp: 1579242

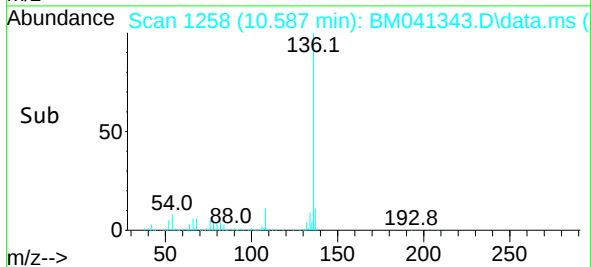
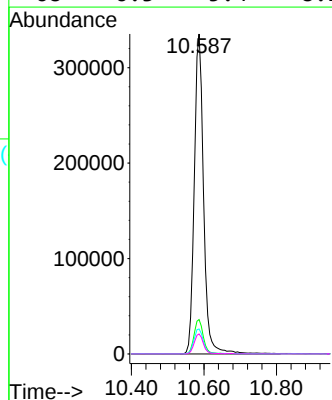
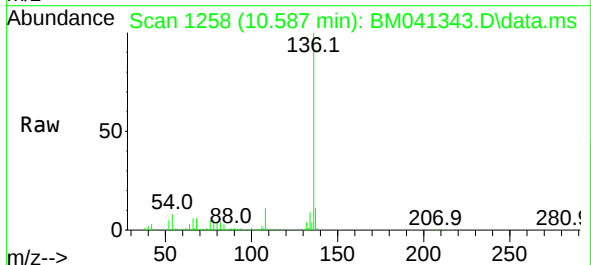
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	38.3	28.2	42.4

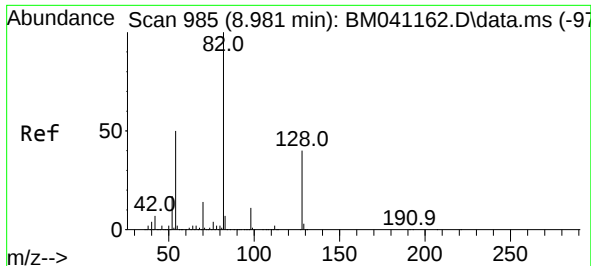


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

Tgt Ion: 136 Resp: 598312

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	6.9	10.3
68	6.3	5.4	8.2

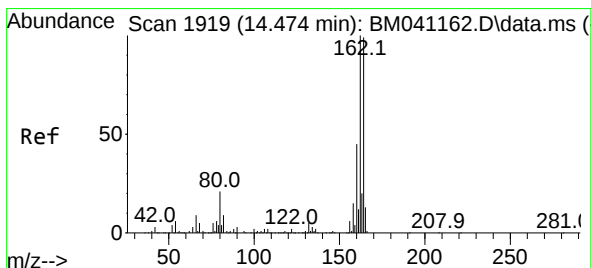
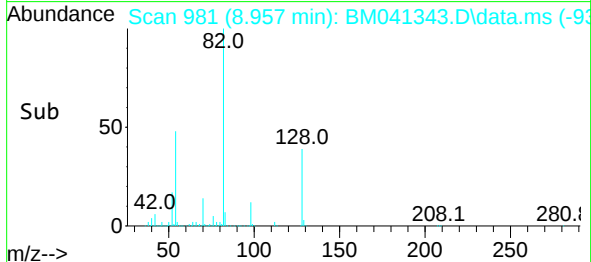
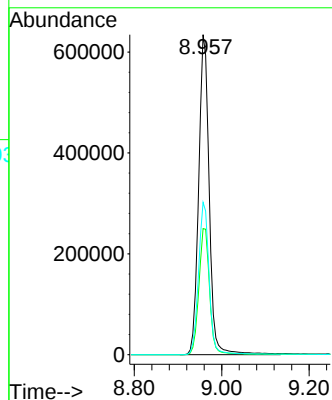
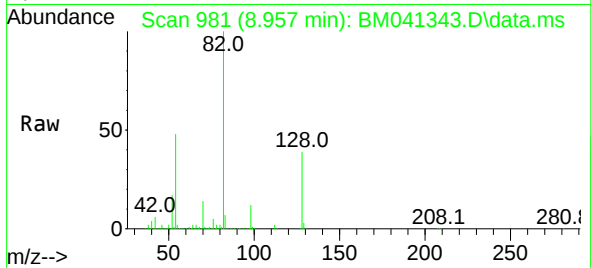




#23
Nitrobenzene-d5
Concen: 83.106 ng
RT: 8.957 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

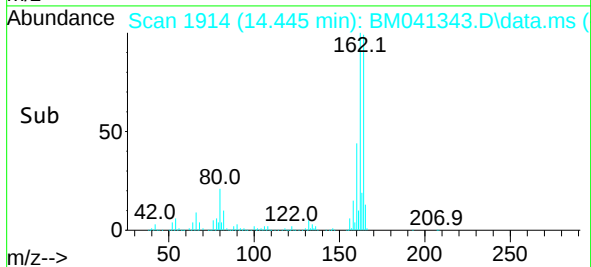
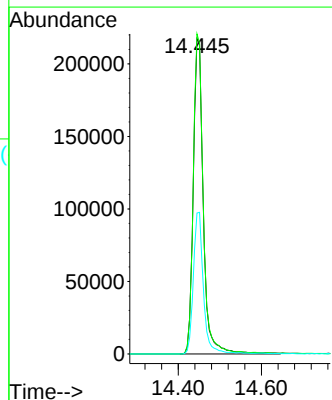
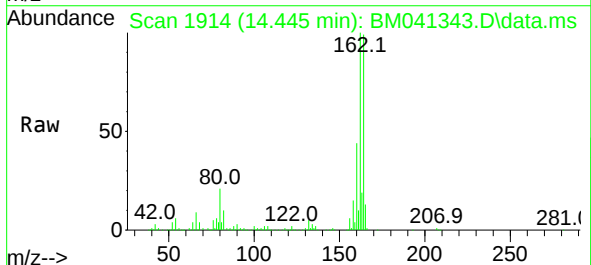
Instrument :
BNA_M
ClientSampleId :
PB154703TB

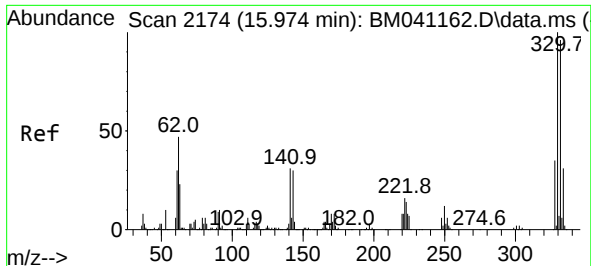
Tgt Ion: 82 Resp: 1069219
Ion Ratio Lower Upper
82 100
128 39.4 31.8 47.6
54 47.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

Tgt Ion: 164 Resp: 364041
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 44.7 36.2 54.2

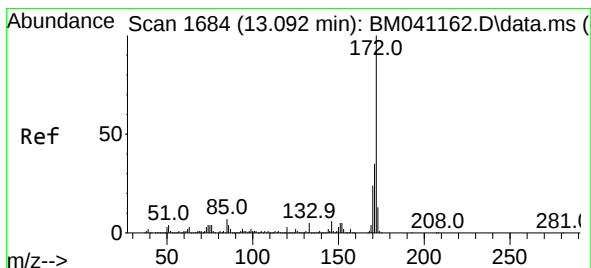
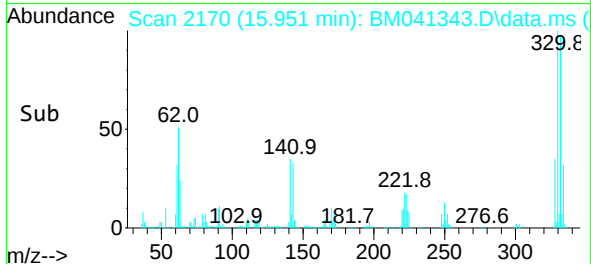
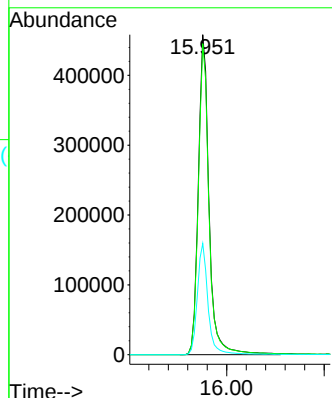
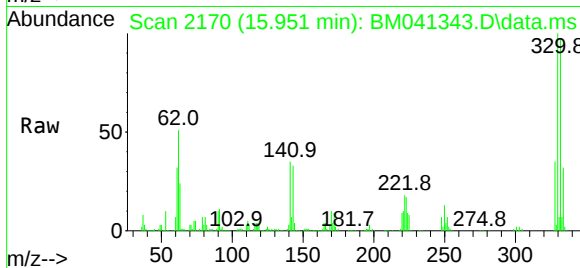




#42
2,4,6-Tribromophenol
Concen: 137.087 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

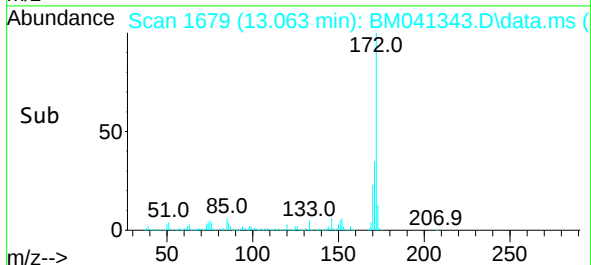
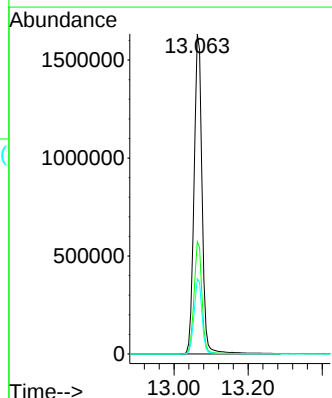
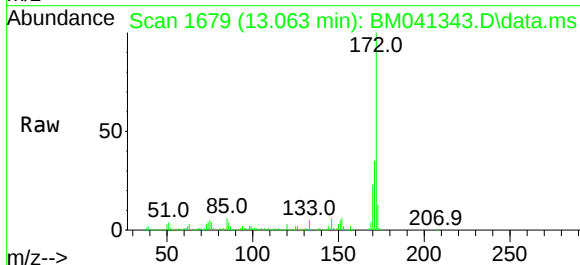
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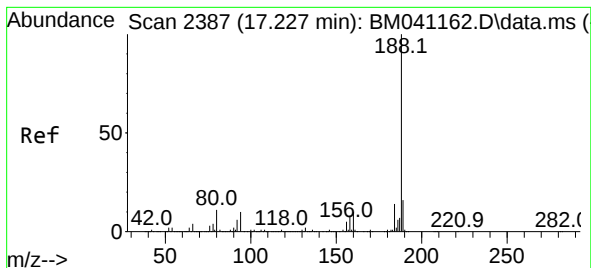
Tgt Ion:330 Resp: 705884
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 34.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 85.623 ng
RT: 13.063 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BM041343.D
Acq: 09 Aug 2023 17:16

Tgt Ion:172 Resp: 2467478
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041343.D

Acq: 09 Aug 2023 17:16

Instrument :

BNA_M

ClientSampleId :

PB154703TB

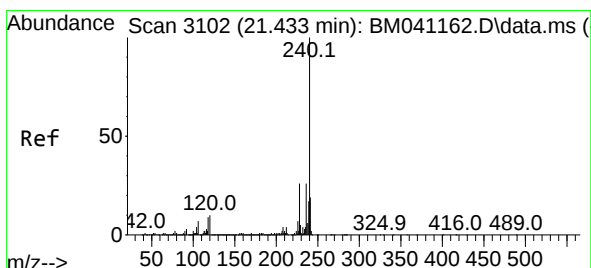
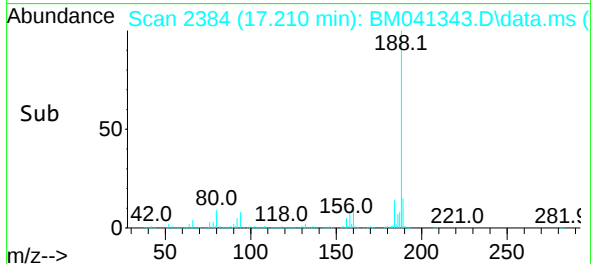
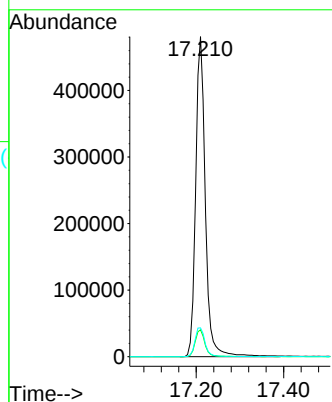
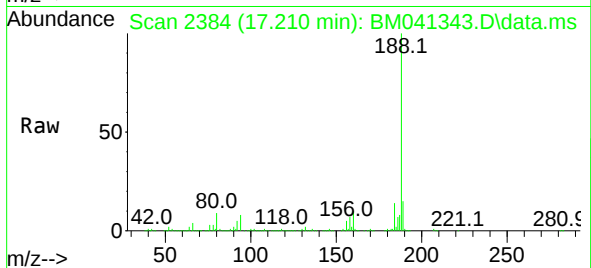
Tgt Ion:188 Resp: 740066

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.006 min

Lab File: BM041343.D

Acq: 09 Aug 2023 17:16

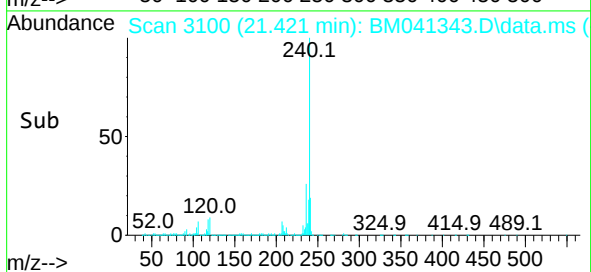
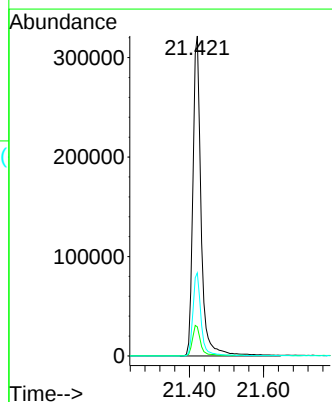
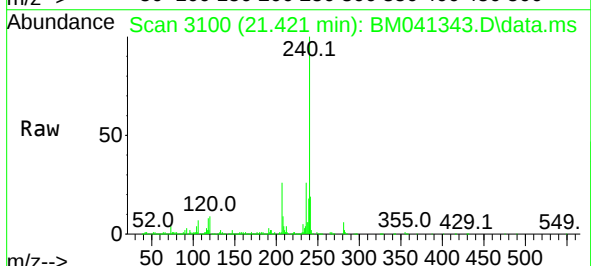
Tgt Ion:240 Resp: 497963

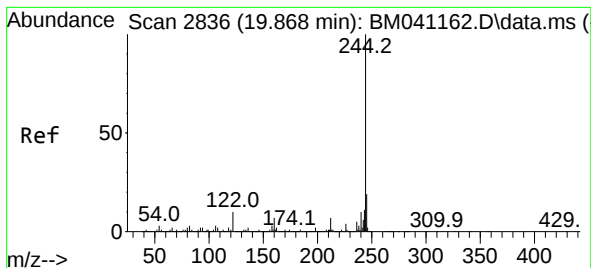
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 121.587 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041343.D

Acq: 09 Aug 2023 17:16

Instrument :

BNA_M

ClientSampleId :

PB154703TB

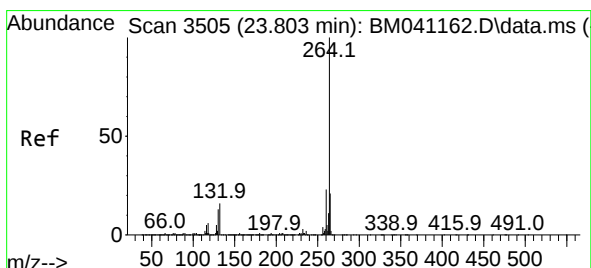
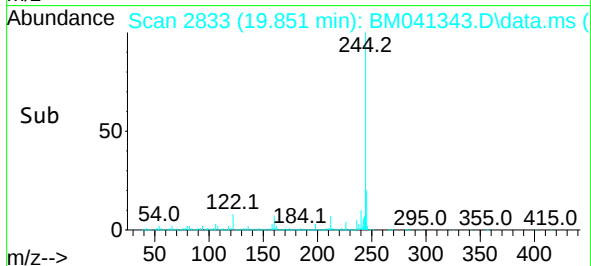
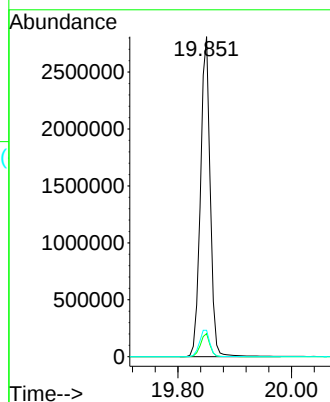
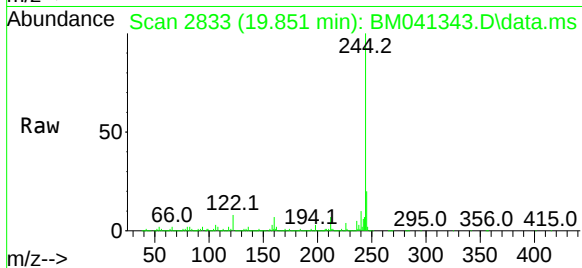
Tgt Ion:244 Resp: 3348682

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.3 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3503

Delta R.T. 0.012 min

Lab File: BM041343.D

Acq: 09 Aug 2023 17:16

Tgt Ion:264 Resp: 506528

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.3 17.4 26.0

