

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041170.D
 Acq On : 28 Jul 2023 17:49
 Operator : MA/JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154028BL

Quant Time: Jul 29 01:17:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

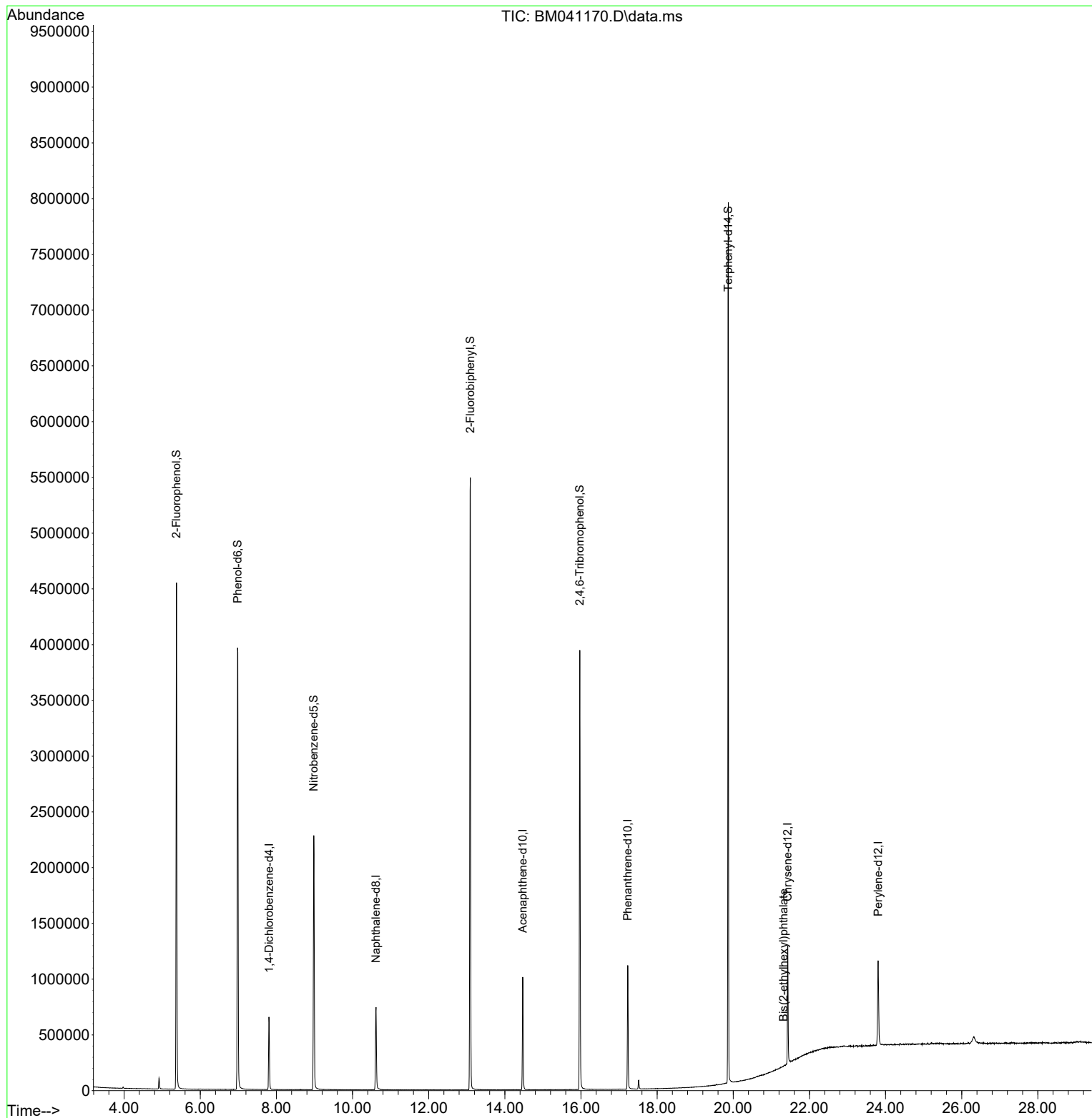
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	168334	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	618875	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	330552	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	640950	20.000	ng	0.00
76) Chrysene-d12	21.427	240	505614	20.000	ng	0.00
86) Perylene-d12	23.803	264	559718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1773179	157.435	ng	0.00
7) Phenol-d6	6.981	99	2191834	150.131	ng	0.00
23) Nitrobenzene-d5	8.981	82	1335088	100.323	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	667002	142.659	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2686287	102.660	ng	0.00
79) Terphenyl-d14	19.868	244	3452561	123.462	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.321	149	292	2.553	ng	Qvalue # 54

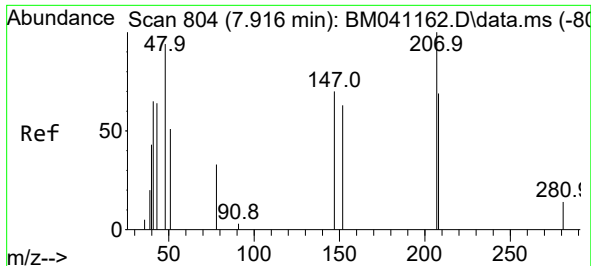
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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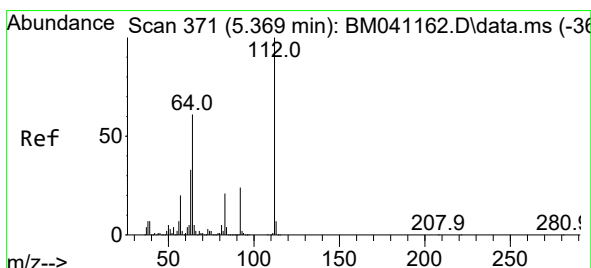
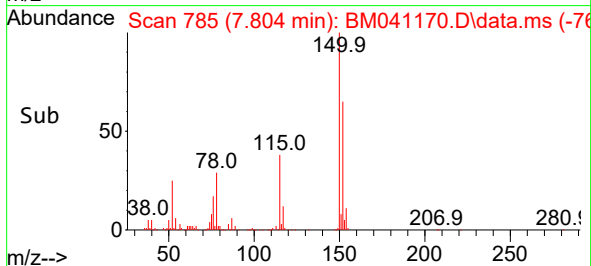
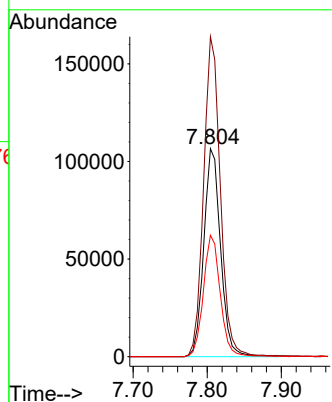
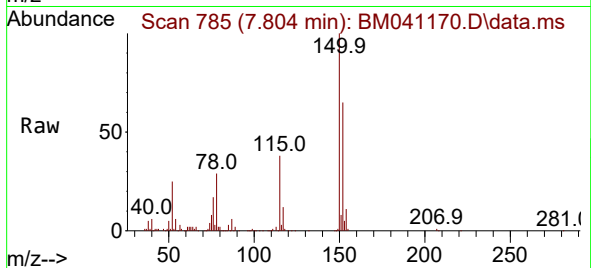




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

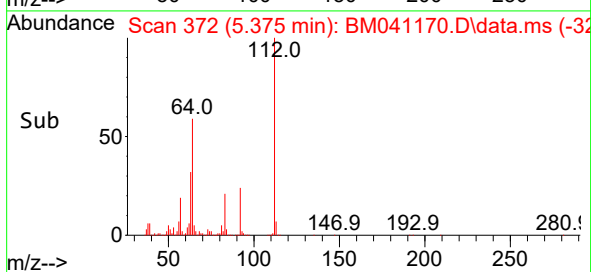
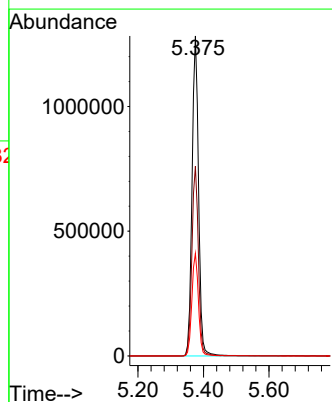
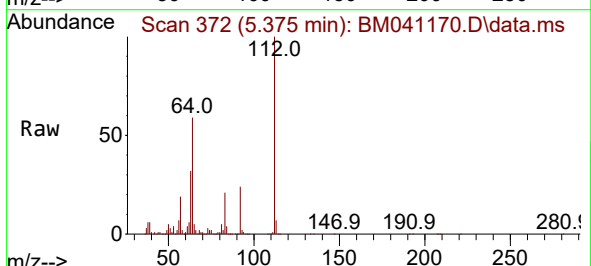
Instrument :
BNA_M
ClientSampleId :
PB154028BL

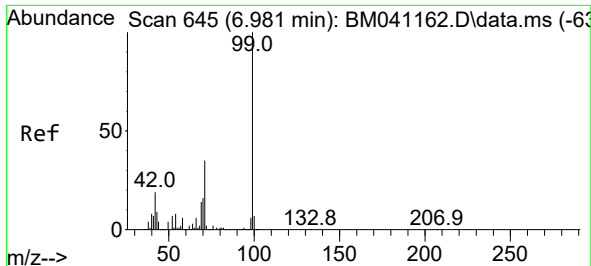
Tgt Ion:152 Resp: 168334
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.4 48.0 72.0



#5
2-Fluorophenol
Concen: 157.435 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.006 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

Tgt Ion:112 Resp: 1773179
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 32.1 26.5 39.7



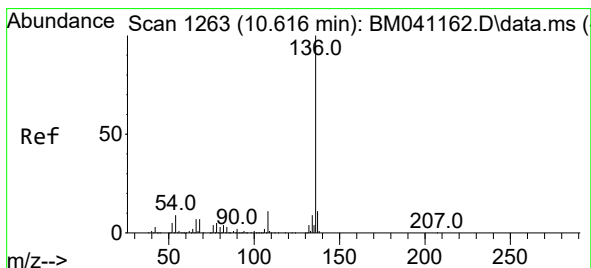
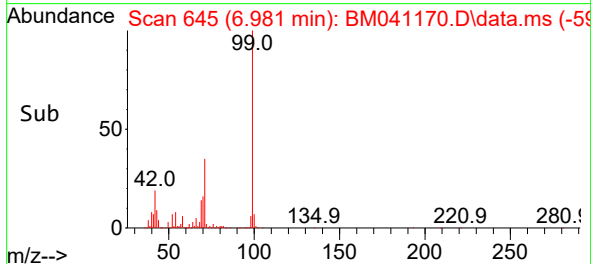
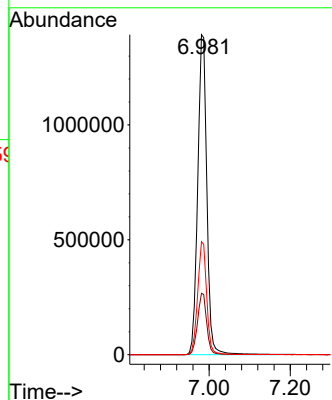
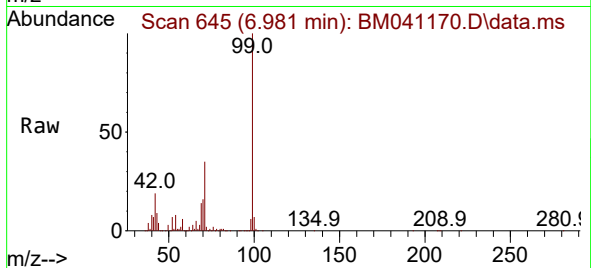


#7
Phenol-d6
Concen: 150.131 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

Instrument :
BNA_M
ClientSampleId :
PB154028BL

Tgt Ion: 99 Resp: 2191834

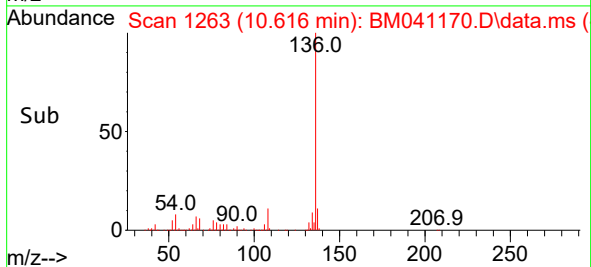
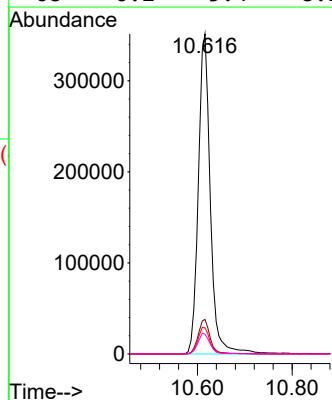
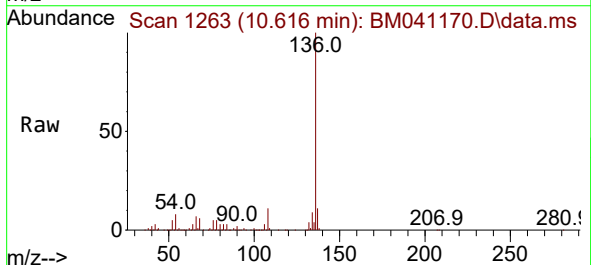
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	35.3	28.2	42.4

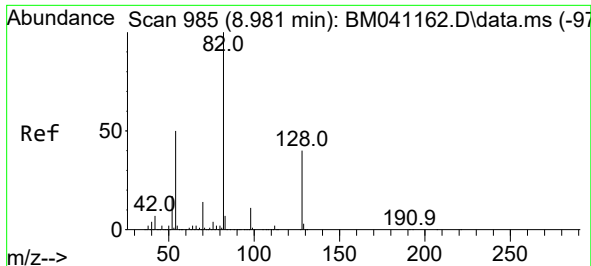


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

Tgt Ion: 136 Resp: 618875

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	6.9	10.3
68	6.2	5.4	8.2

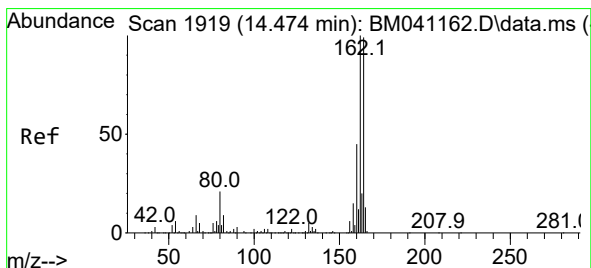
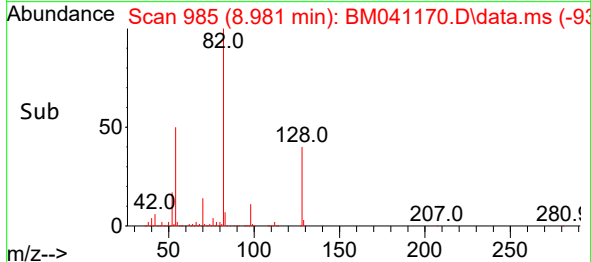
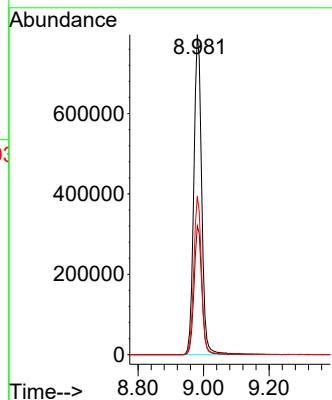
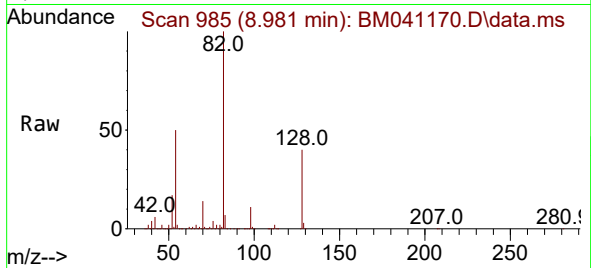




#23
Nitrobenzene-d5
Concen: 100.323 ng
RT: 8.981 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

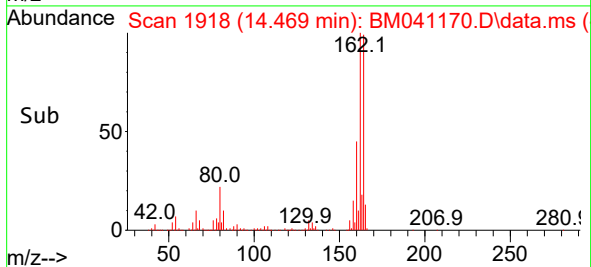
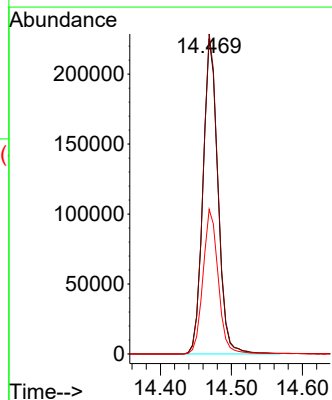
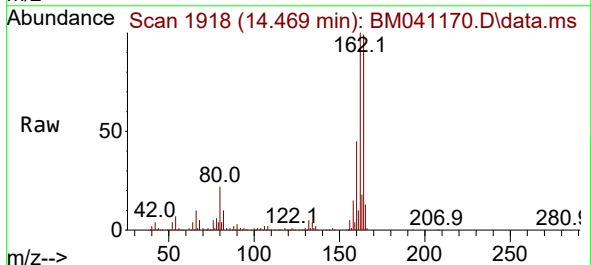
Instrument :
BNA_M
ClientSampleId :
PB154028BL

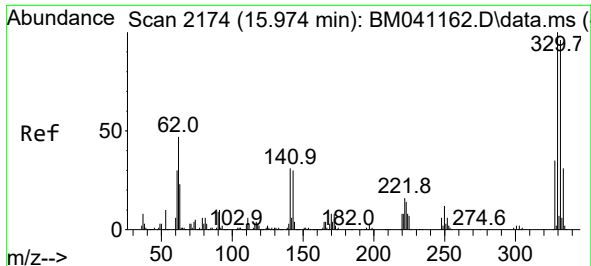
Tgt Ion: 82 Resp: 1335088
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 49.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM041170.D
Acq: 28 Jul 2023 17:49

Tgt Ion:164 Resp: 330552
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 142.659 ng

RT: 15.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

Instrument :

BNA_M

ClientSampleId :

PB154028BL

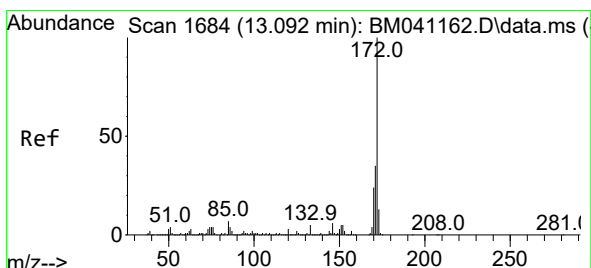
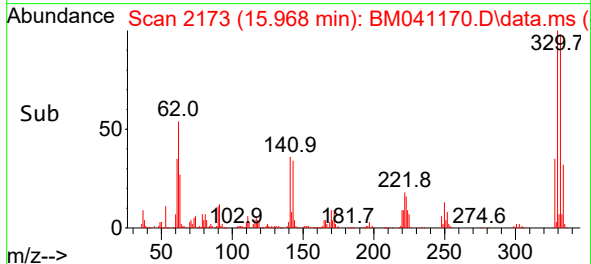
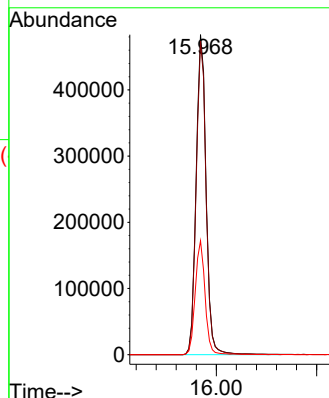
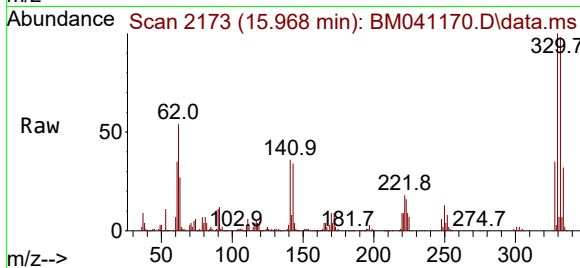
Tgt Ion:330 Resp: 667002

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 35.2 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 102.660 ng

RT: 13.092 min Scan# 1684

Delta R.T. 0.000 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

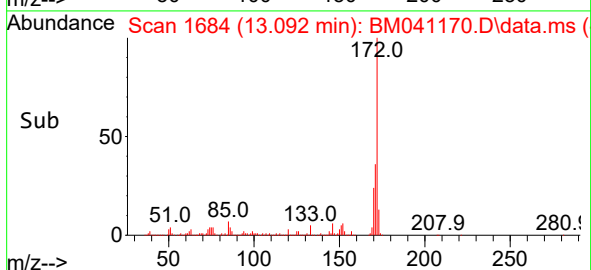
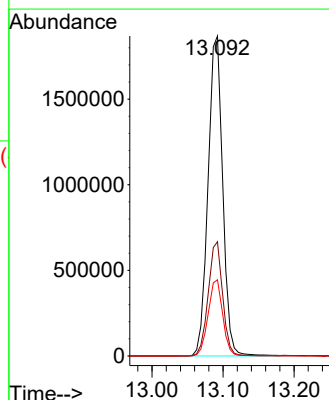
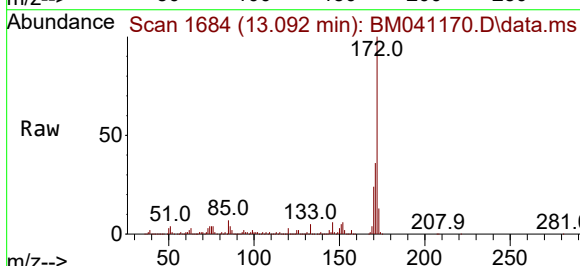
Tgt Ion:172 Resp: 2686287

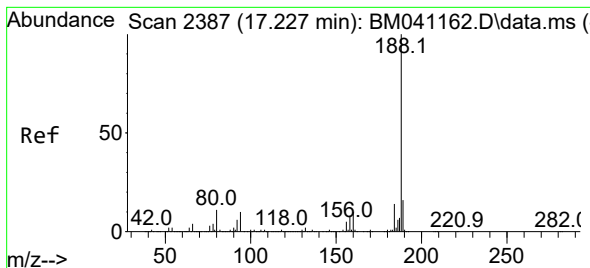
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

Instrument :

BNA_M

ClientSampleId :

PB154028BL

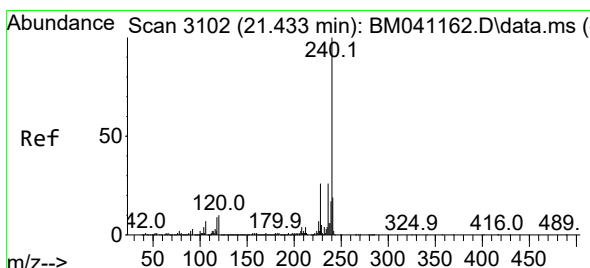
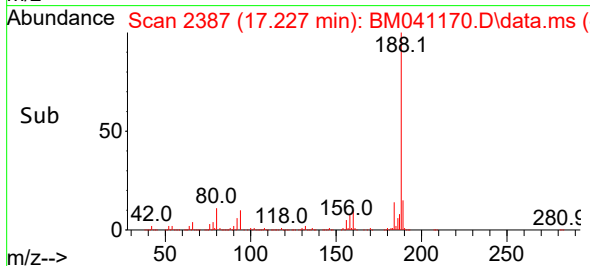
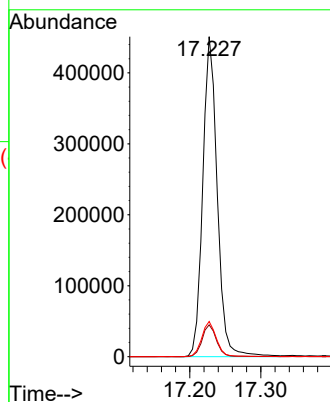
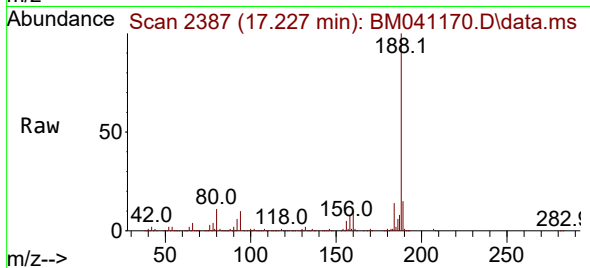
Tgt Ion:188 Resp: 640950

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 11.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

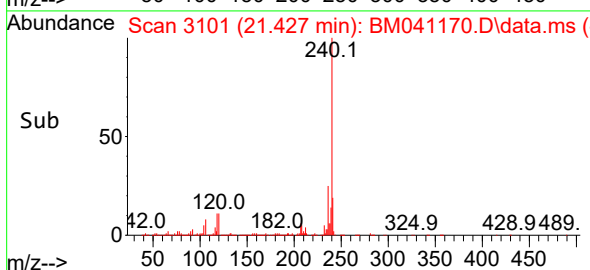
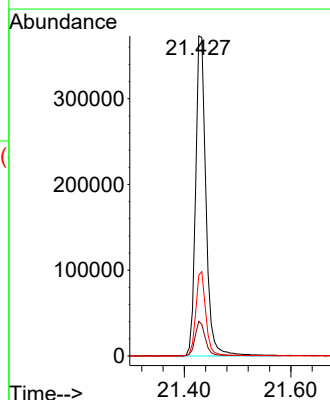
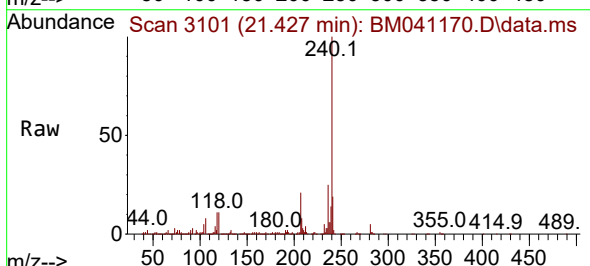
Tgt Ion:240 Resp: 505614

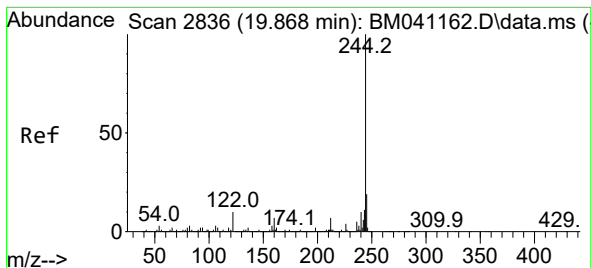
Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

236 25.2 20.6 30.8





#79

Terphenyl-d14

Concen: 123.462 ng

RT: 19.868 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

Instrument :

BNA_M

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PB154028BL

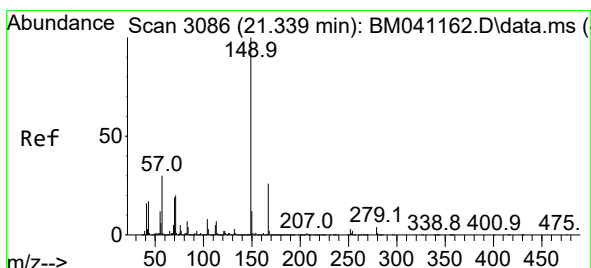
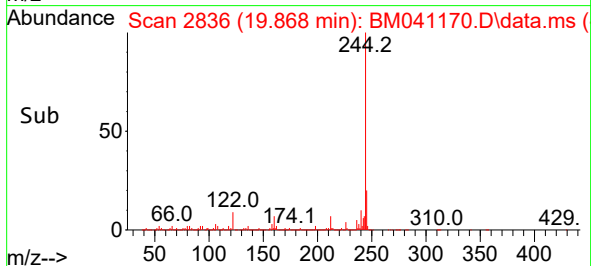
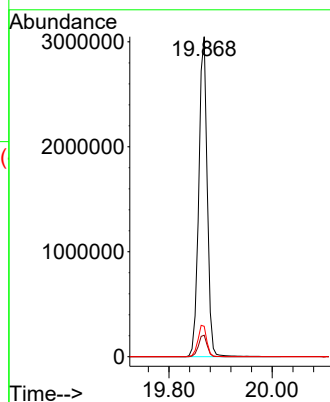
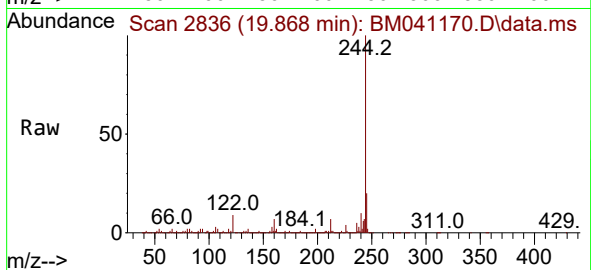
Tgt Ion:244 Resp: 3452561

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.5 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.553 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.018 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

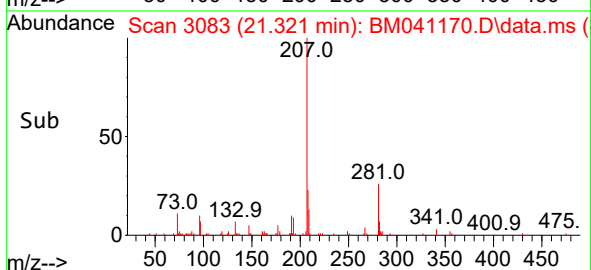
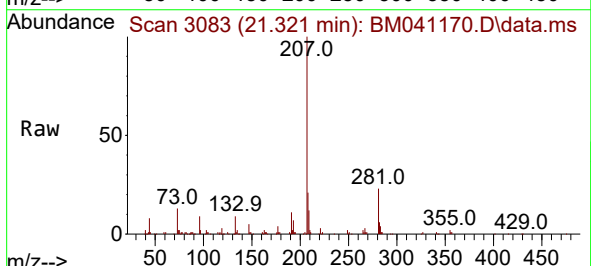
Tgt Ion:149 Resp: 292

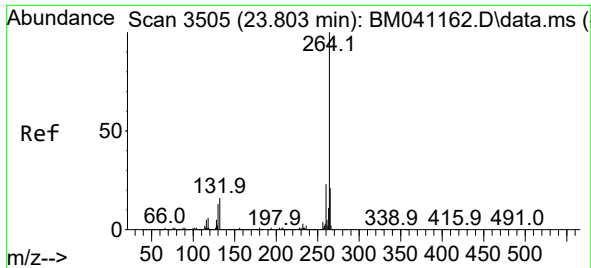
Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.6#

279 0.0 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM041170.D

Acq: 28 Jul 2023 17:49

Instrument :

BNA_M

ClientSampleId :

PB154028BL

Tgt Ion:264 Resp: 559718

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.8 17.4 26.0

