

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040163.D
 Acq On : 08 Jun 2023 17:53
 Operator : MA/JU
 Sample : 03074-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GT-03

Quant Time: Jun 09 02:23:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

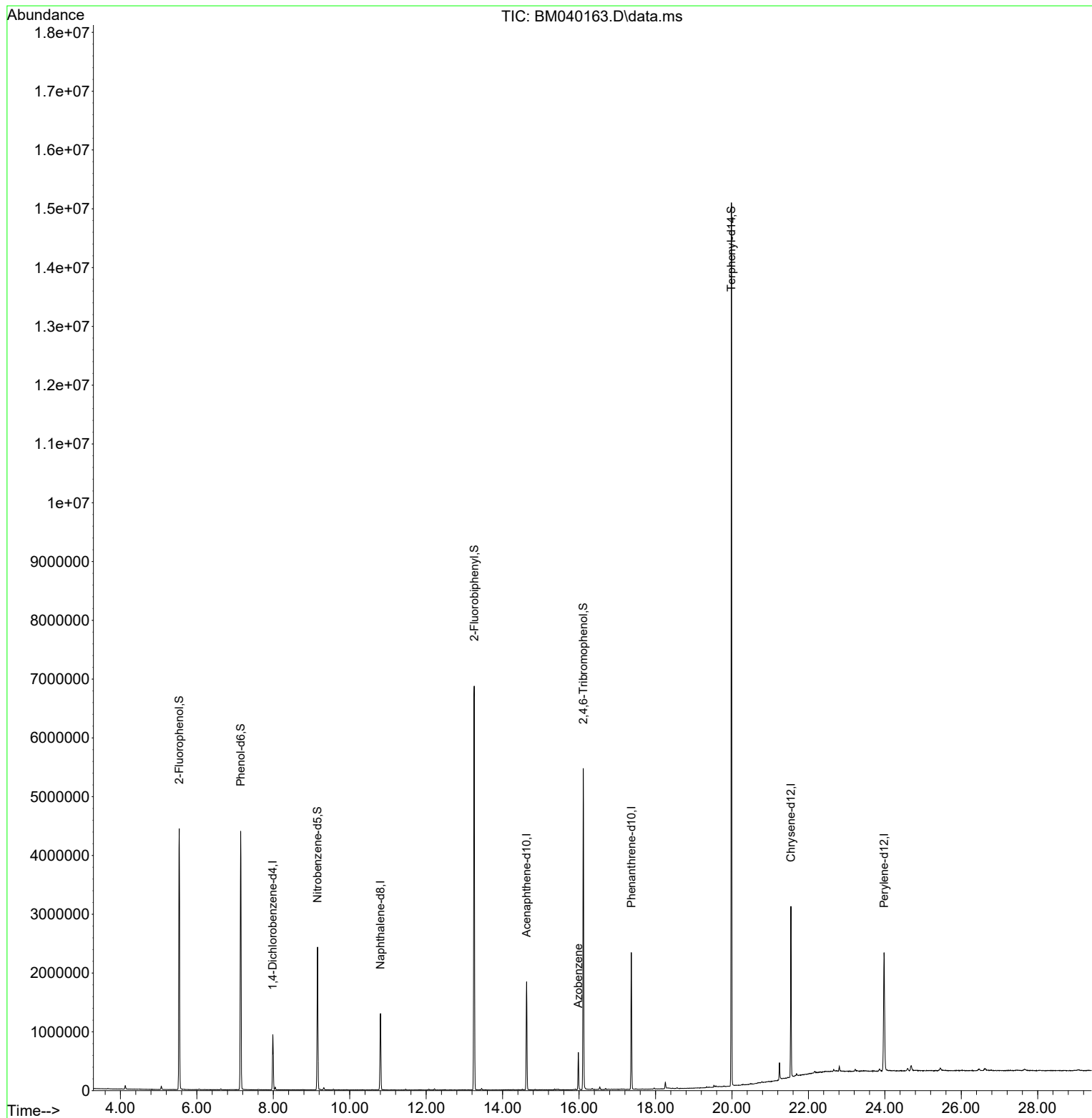
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	252510	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1067377	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	585522	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1235565	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1123244	20.000	ng	0.00
86) Perylene-d12	23.980	264	1346261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1997801	118.135	ng	0.00
7) Phenol-d6	7.145	99	2575448	111.608	ng	0.00
23) Nitrobenzene-d5	9.157	82	1351818	68.549	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	920653	104.507	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3339954	75.394	ng	0.00
79) Terphenyl-d14	19.986	244	6204965	101.832	ng	0.00
Target Compounds						
63) Azobenzene	15.980	77	172641	3.832	ng	Qvalue # 1

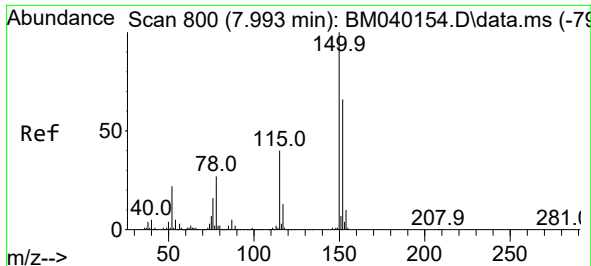
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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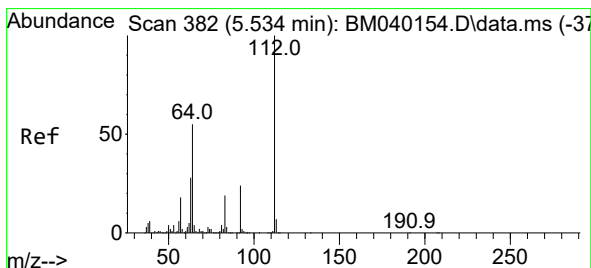
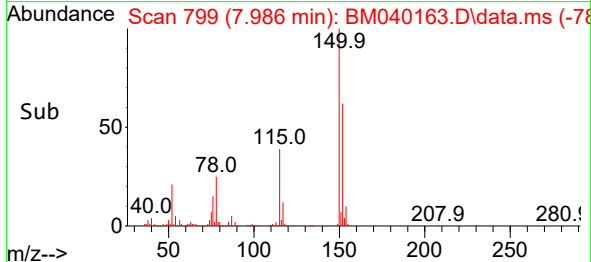
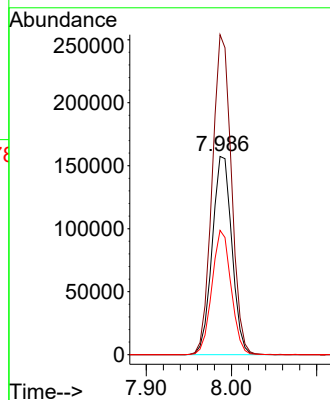
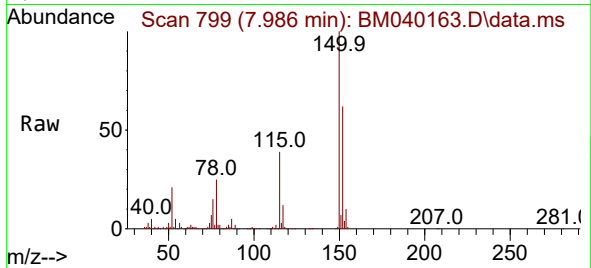




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 799
Delta R.T. -0.007 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

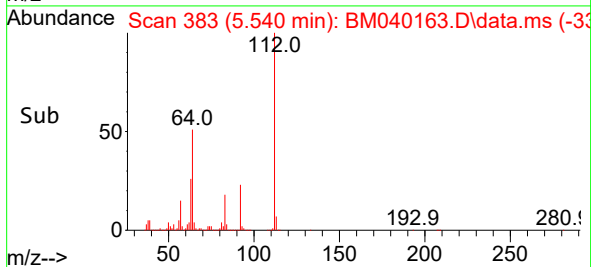
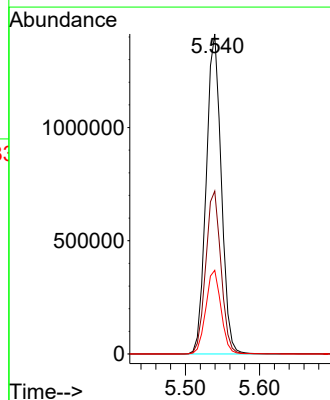
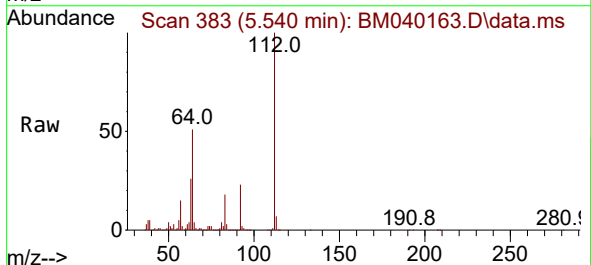
Instrument :
BNA_M
ClientSampleId :
GT-03

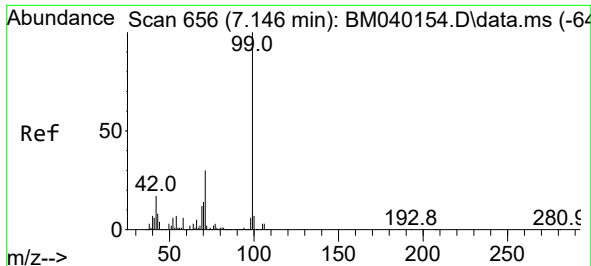
Tgt Ion:152 Resp: 252510
Ion Ratio Lower Upper
152 100
150 161.4 121.4 182.0
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 118.135 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Tgt Ion:112 Resp: 1997801
Ion Ratio Lower Upper
112 100
64 50.9 43.8 65.6
63 26.2 22.8 34.2



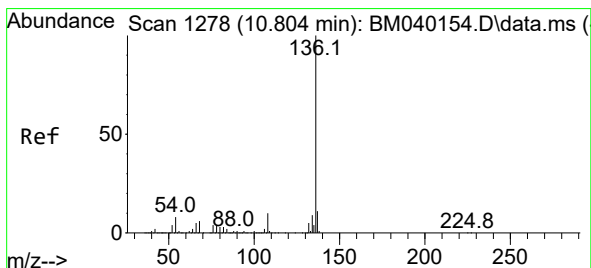
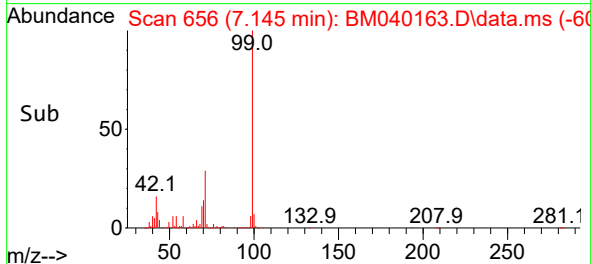
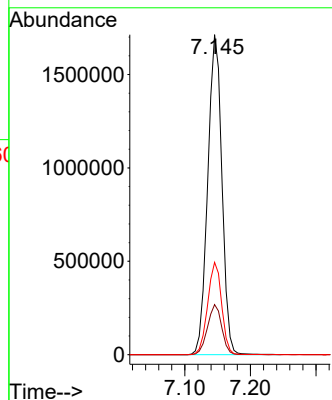
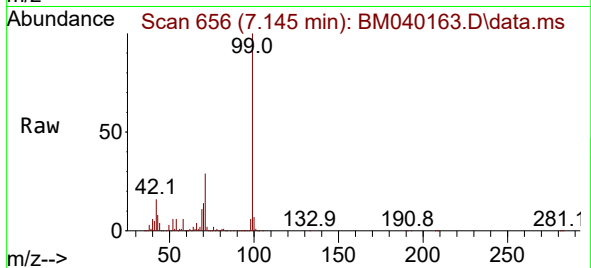


#7
Phenol-d6
Concen: 111.608 ng
RT: 7.145 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Instrument :
BNA_M
ClientSampleId :
GT-03

Tgt Ion: 99 Resp: 2575448

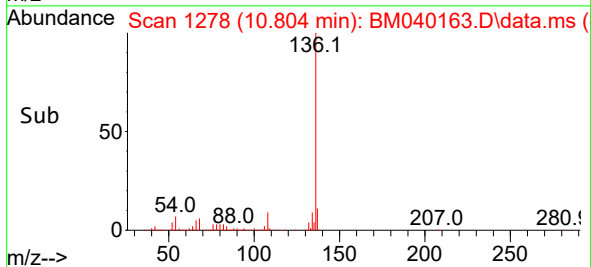
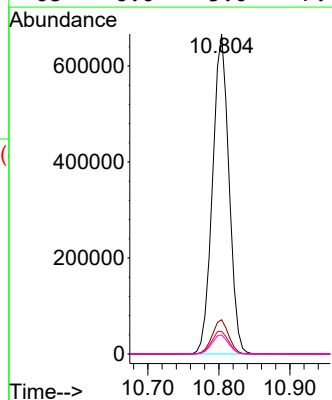
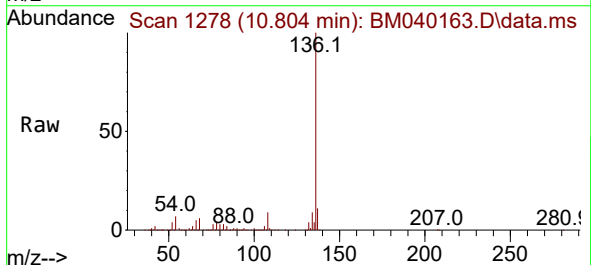
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	28.9	24.3	36.5

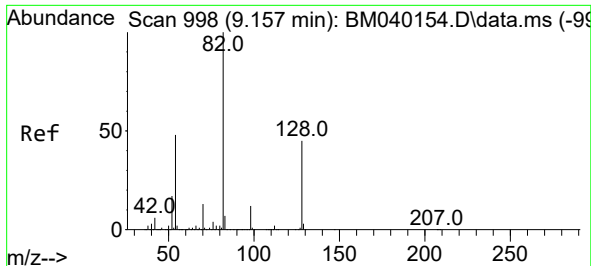


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Tgt Ion:136 Resp: 1067377

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	6.2	9.4
68	6.0	5.0	7.4

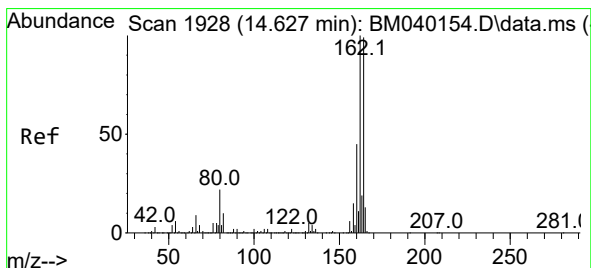
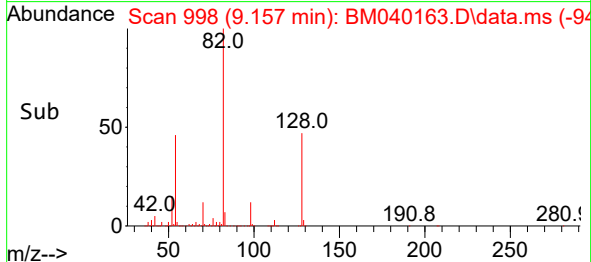
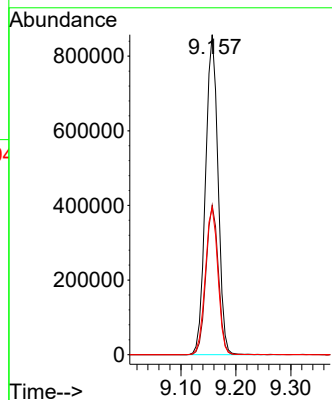
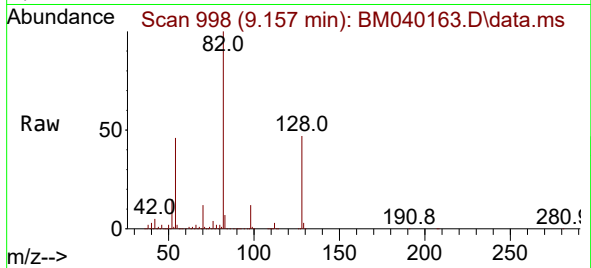




#23
Nitrobenzene-d5
Concen: 68.549 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

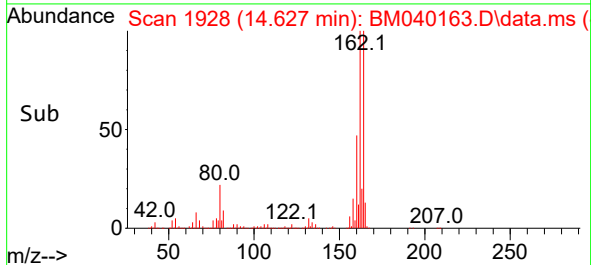
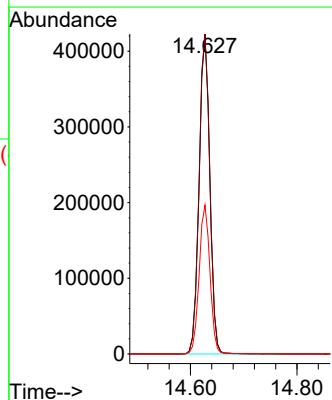
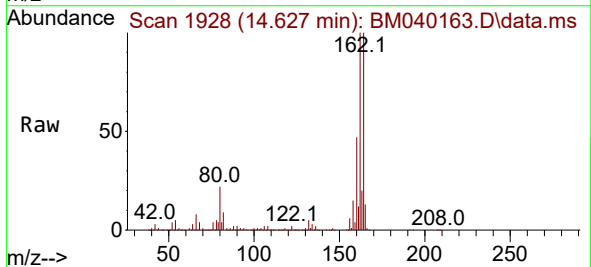
Instrument :
BNA_M
ClientSampleId :
GT-03

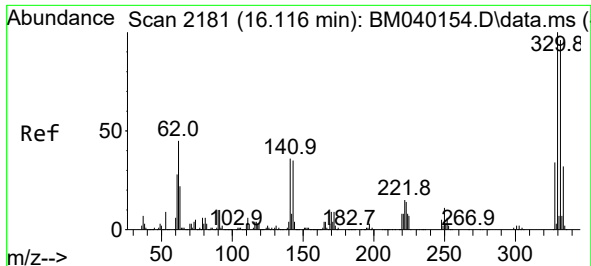
Tgt Ion: 82 Resp: 1351818
Ion Ratio Lower Upper
82 100
128 46.7 36.0 54.0
54 45.9 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Tgt Ion: 164 Resp: 585522
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 46.6 35.9 53.9

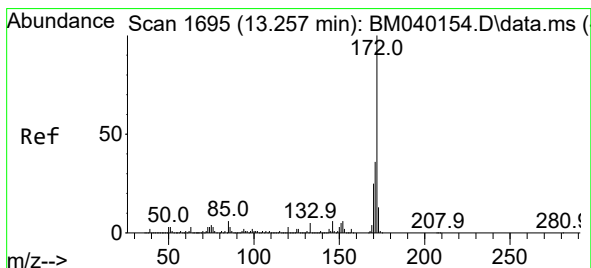
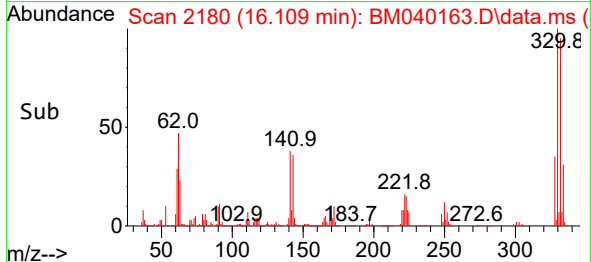
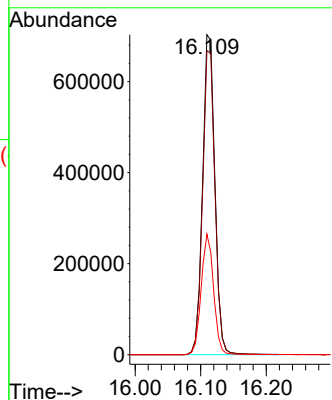
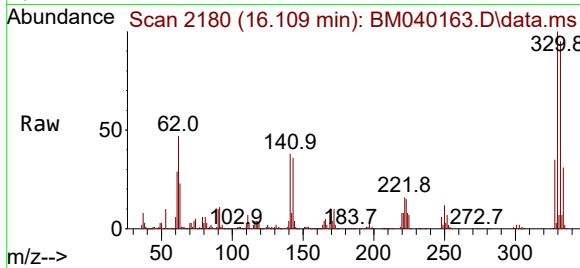




#42
2,4,6-Tribromophenol
Concen: 104.507 ng
RT: 16.109 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

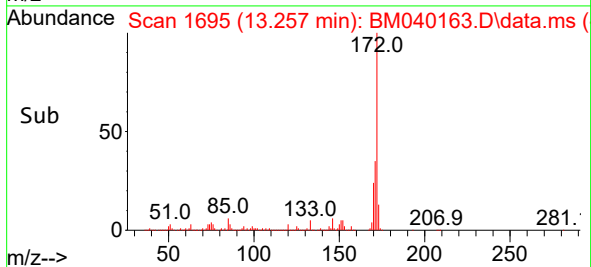
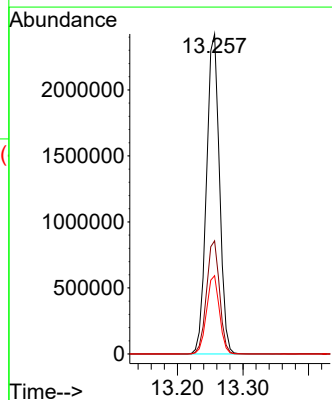
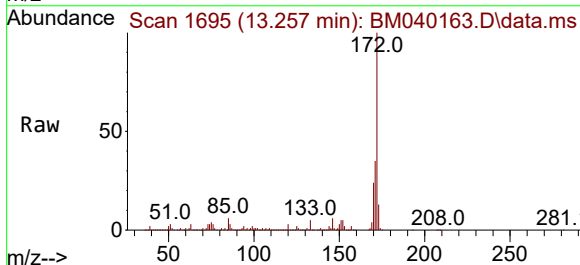
Instrument :
BNA_M
ClientSampleId :
GT-03

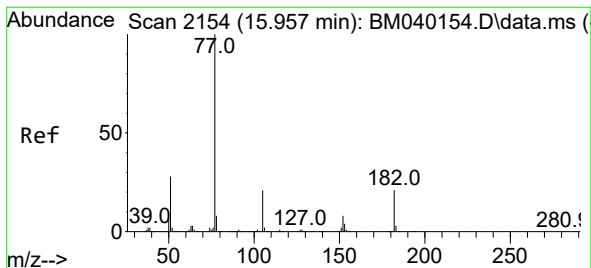
Tgt Ion:330 Resp: 920653
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 75.394 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Tgt Ion:172 Resp: 3339954
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.5 19.8 29.6





#63

Azobenzene

Concen: 3.832 ng

RT: 15.980 min Scan# 2154

Delta R.T. 0.023 min

Lab File: BM040163.D

Acq: 08 Jun 2023 17:53

Instrument :

BNA_M

ClientSampleId :

GT-03

Tgt Ion: 77 Resp: 172641

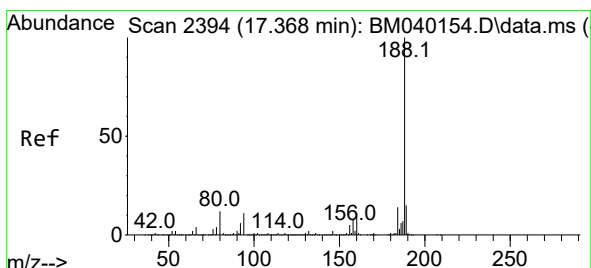
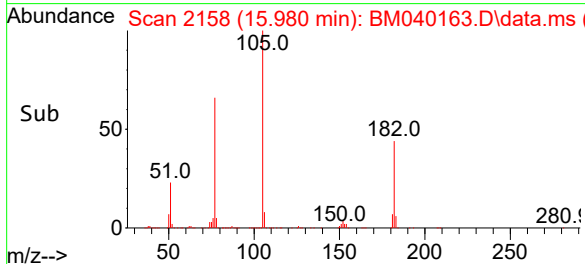
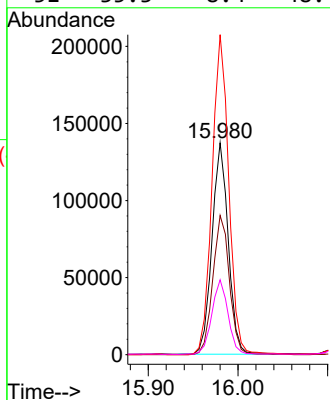
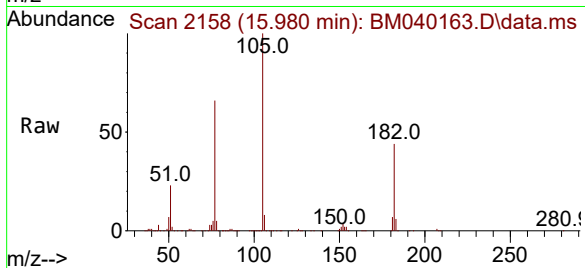
Ion Ratio Lower Upper

77 100

182 65.7 1.1 41.1#

105 151.0 1.1 41.1#

51 35.3 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM040163.D

Acq: 08 Jun 2023 17:53

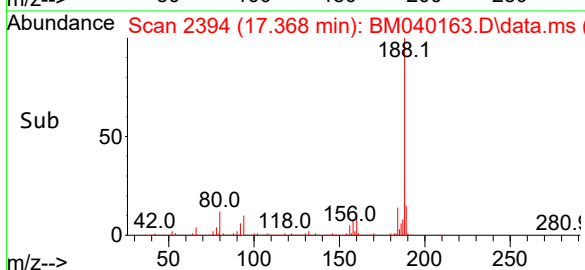
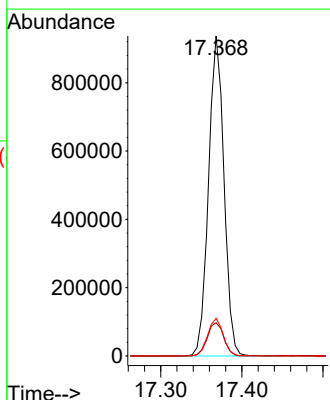
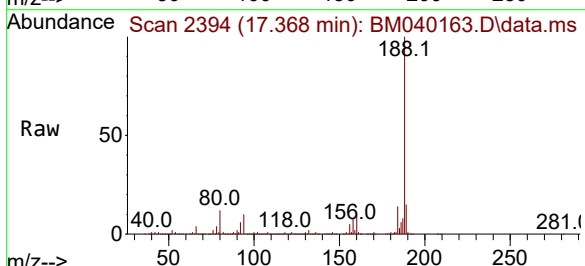
Tgt Ion:188 Resp: 1235565

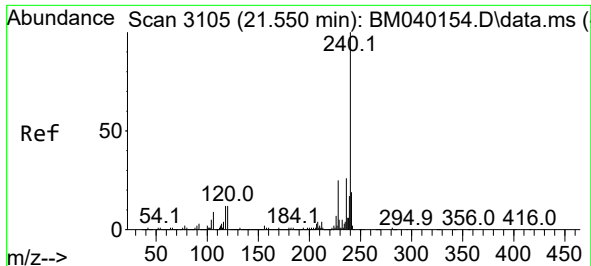
Ion Ratio Lower Upper

188 100

94 10.4 8.9 13.3

80 11.7 9.6 14.4

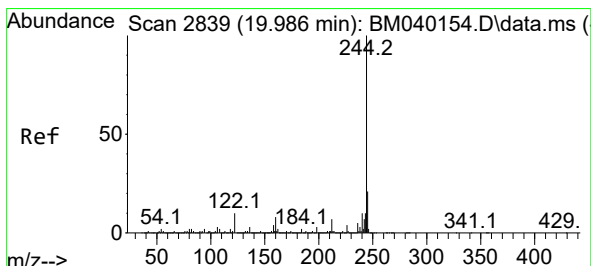
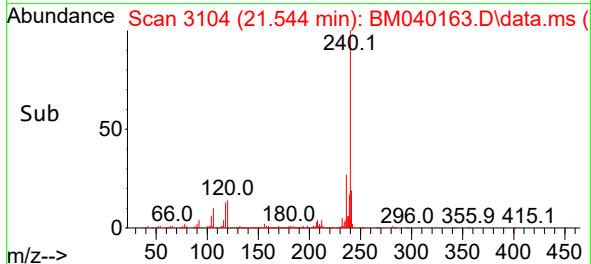
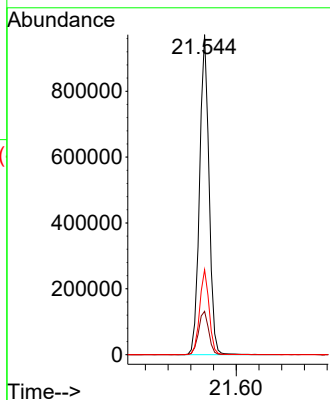
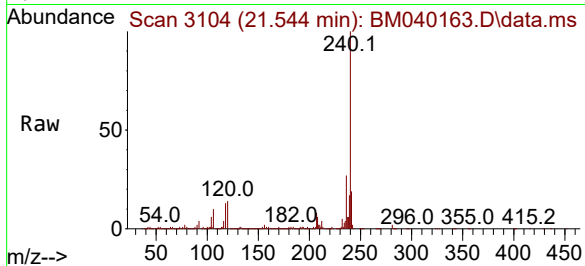




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

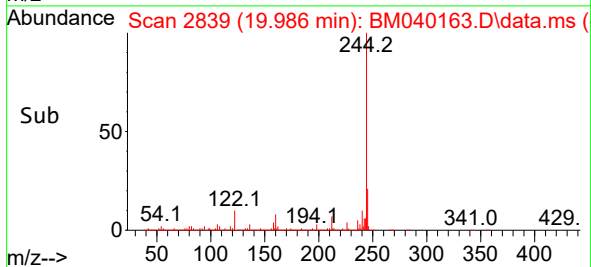
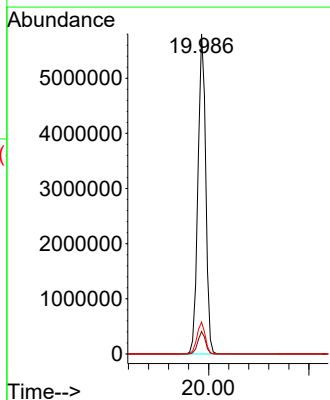
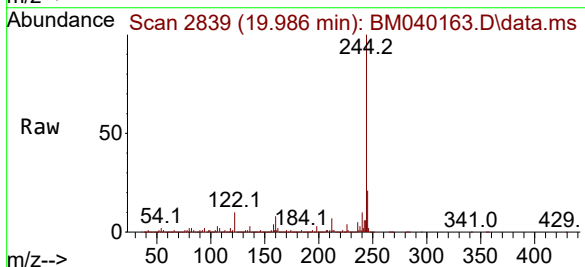
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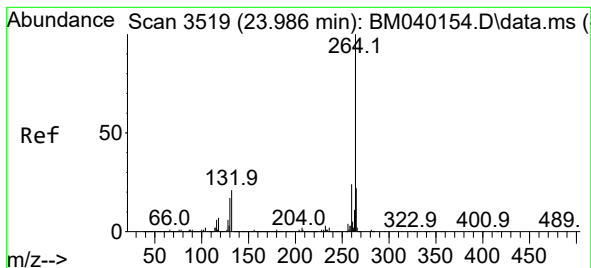
Tgt Ion:240 Resp: 1123244
Ion Ratio Lower Upper
240 100
120 13.6 9.9 14.9
236 26.5 21.1 31.7



#79
Terphenyl-d14
Concen: 101.832 ng
RT: 19.986 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM040163.D
Acq: 08 Jun 2023 17:53

Tgt Ion:244 Resp: 6204965
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.0 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM040163.D

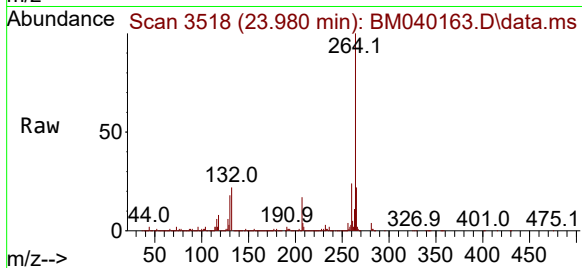
Acq: 08 Jun 2023 17:53

Instrument :

BNA_M

ClientSampleId :

GT-03



Tgt Ion:264 Resp: 1346261

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.2 17.7 26.5

