

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040205.D
 Acq On : 10 Jun 2023 01:14
 Operator : MA/JU
 Sample : 03069-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB34B

Quant Time: Jun 10 04:46:04 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	7.987	152	323939	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1406372	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	894781	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2045377	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	1853810	20.000	ng	0.00
86) Perylene-d12	23.980	264	1854400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1775480	81.839	ng	0.00
7) Phenol-d6	7.146	99	2297019	77.593	ng	0.00
23) Nitrobenzene-d5	9.151	82	1226297	47.195	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1121419	83.299	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3328953	49.173	ng	0.00
79) Terphenyl-d14	19.986	244	6225953	61.910	ng	0.00

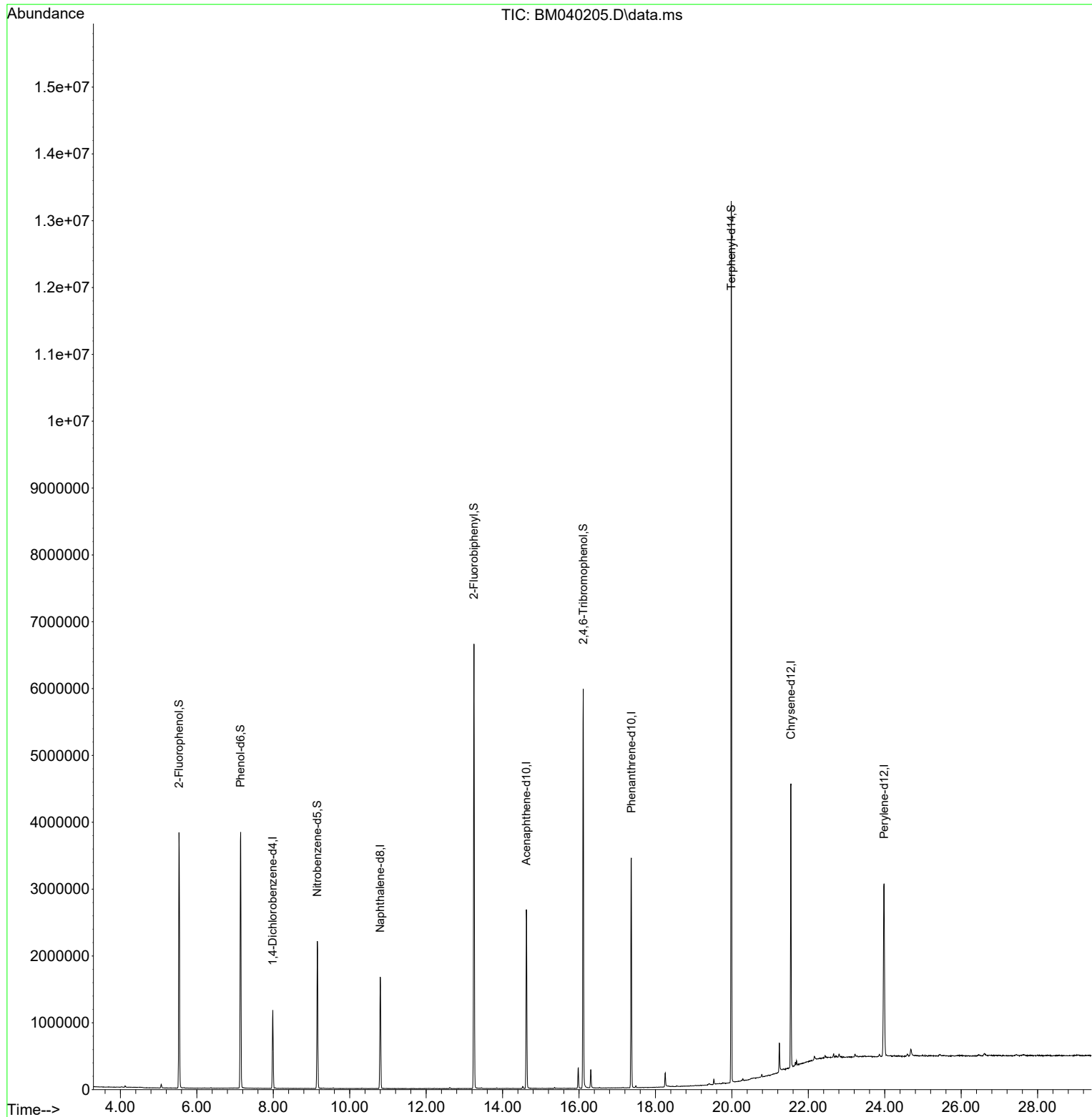
Target Compounds	Qvalue

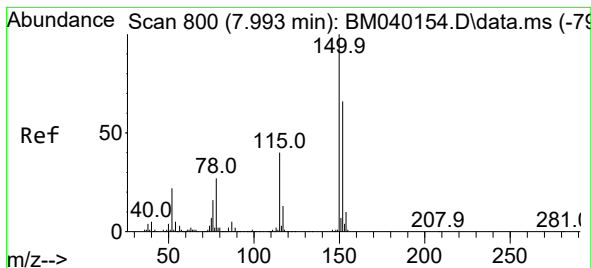
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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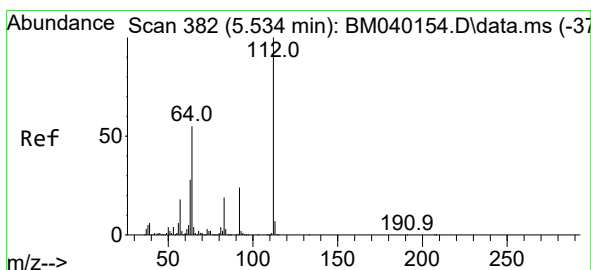
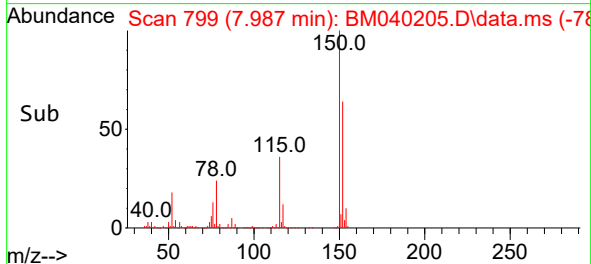
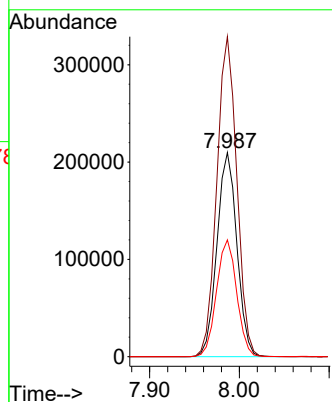
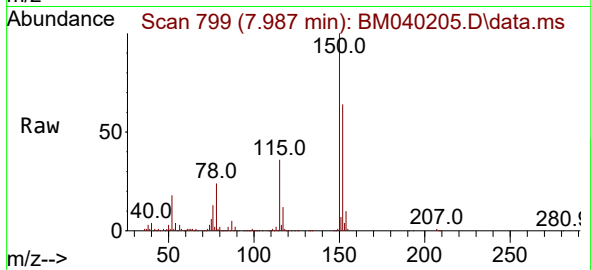




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

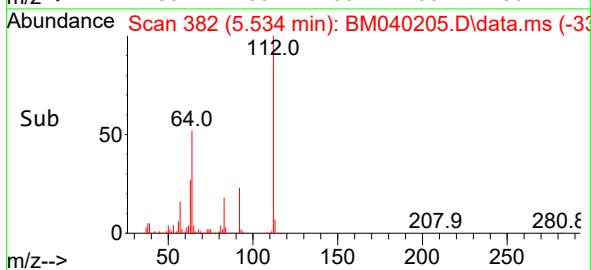
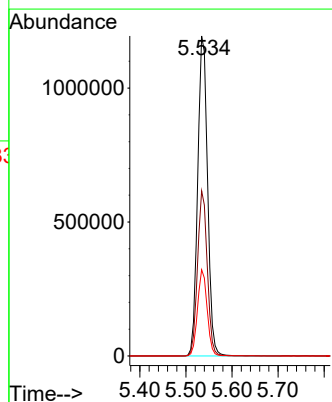
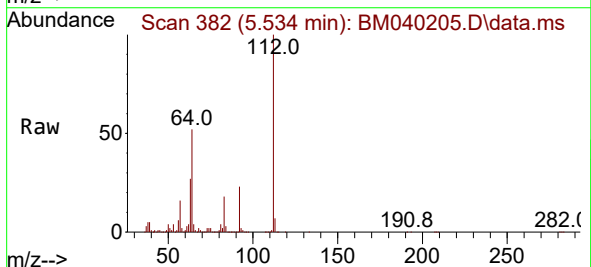
Instrument :
BNA_M
ClientSampleId :
SB34B

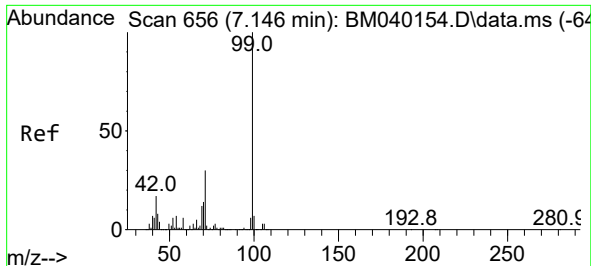
Tgt Ion:152 Resp: 323939
Ion Ratio Lower Upper
152 100
150 156.7 121.4 182.0
115 57.2 48.2 72.4



#5
2-Fluorophenol
Concen: 81.839 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

Tgt Ion:112 Resp: 1775480
Ion Ratio Lower Upper
112 100
64 51.6 43.8 65.6
63 27.0 22.8 34.2



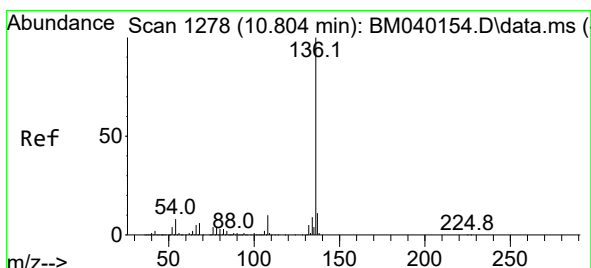
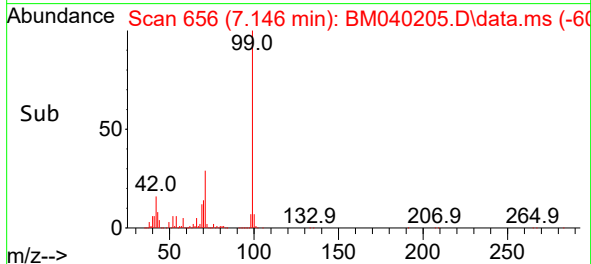
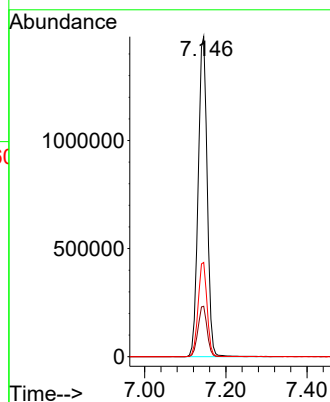
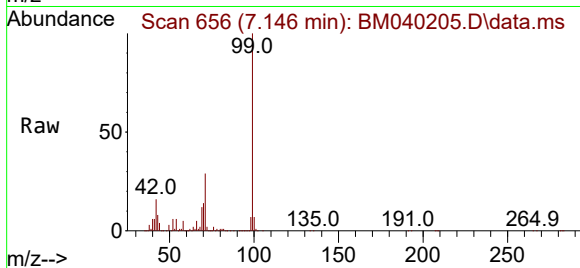


#7
Phenol-d6
Concen: 77.593 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

Instrument :
BNA_M
ClientSampleId :
SB34B

Tgt Ion: 99 Resp: 2297019

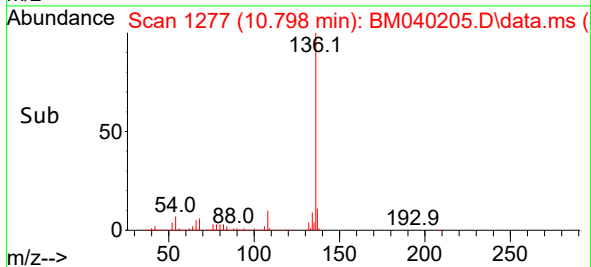
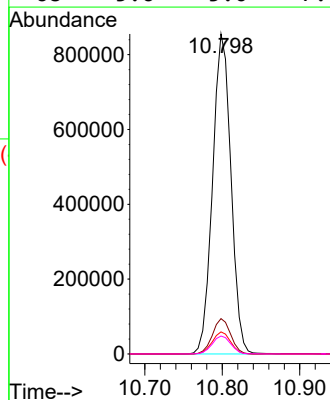
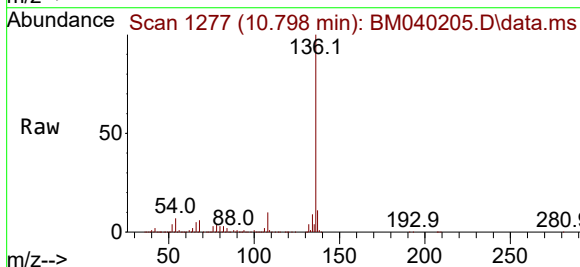
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.2
71	29.5	24.3	36.5

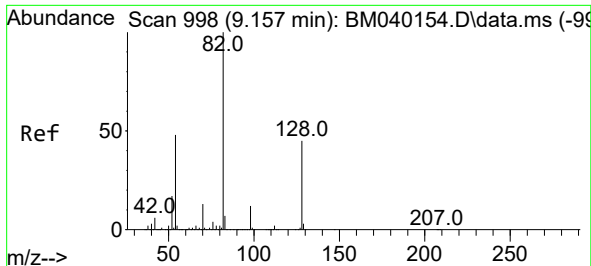


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

Tgt Ion:136 Resp: 1406372

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	6.2	9.4
68	5.6	5.0	7.4

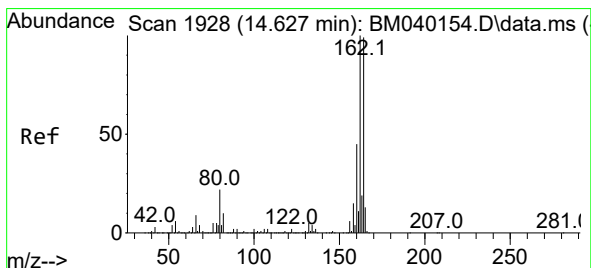
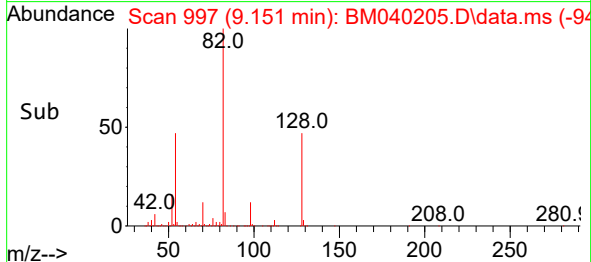
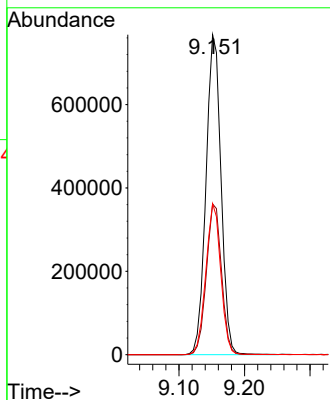
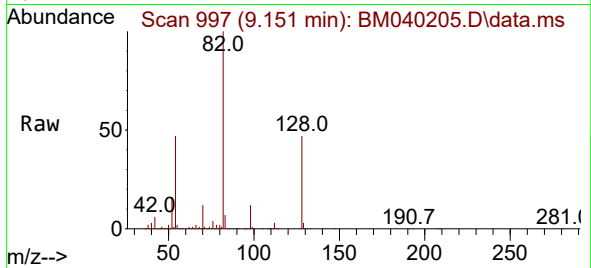




#23
Nitrobenzene-d5
Concen: 47.195 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

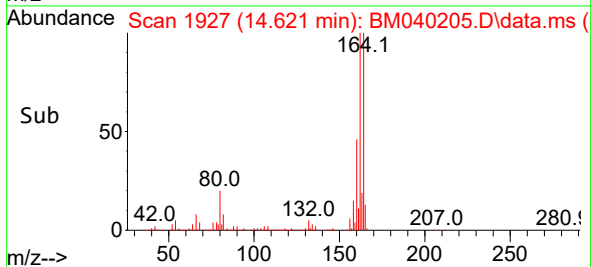
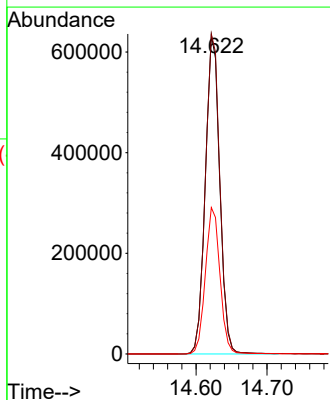
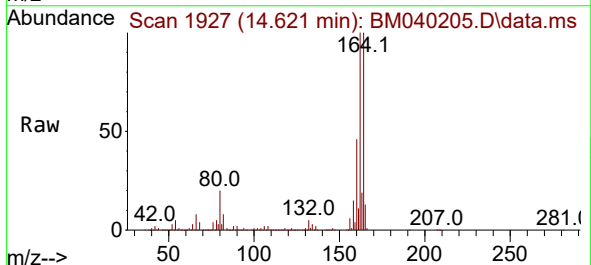
Instrument :
BNA_M
ClientSampleId :
SB34B

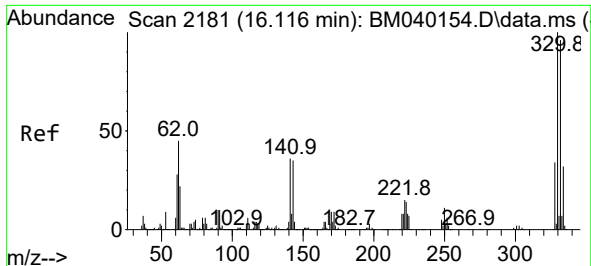
Tgt Ion: 82 Resp: 1226297
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 47.2 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

Tgt Ion: 164 Resp: 894781
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 83.299 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040205.D

Acq: 10 Jun 2023 01:14

Instrument :

BNA_M

ClientSampleId :

SB34B

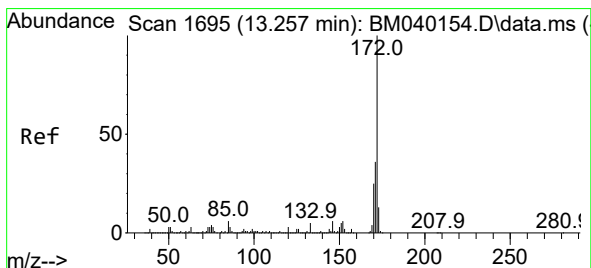
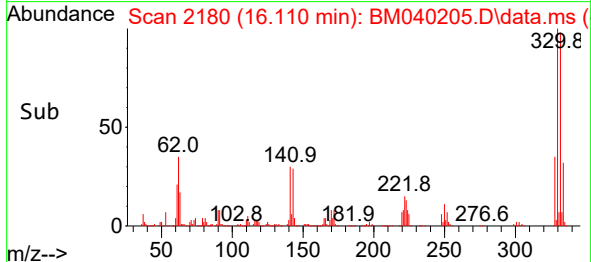
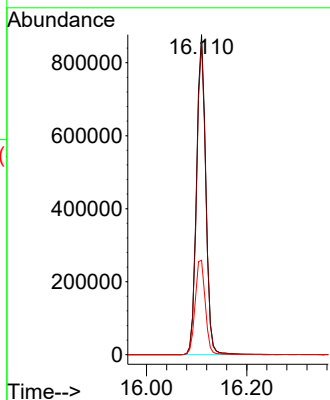
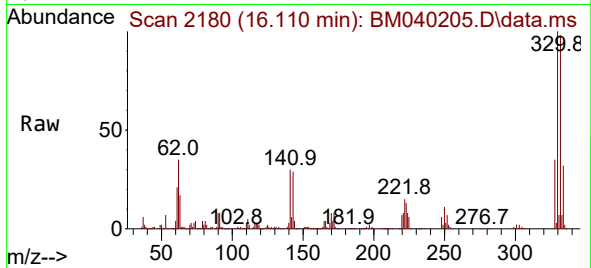
Tgt Ion:330 Resp: 1121419

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 32.4 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 49.173 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040205.D

Acq: 10 Jun 2023 01:14

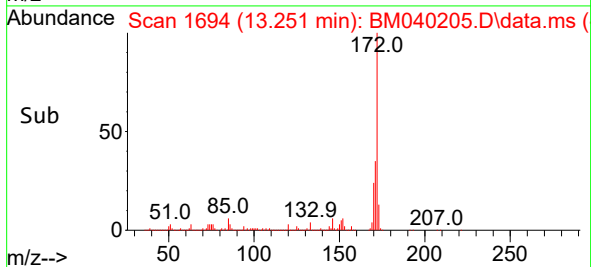
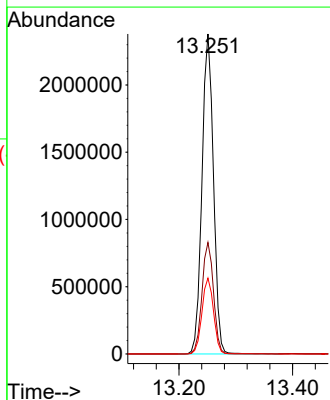
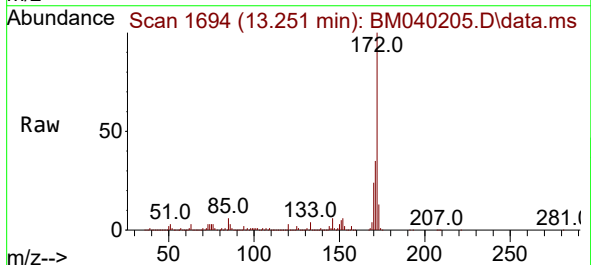
Tgt Ion:172 Resp: 3328953

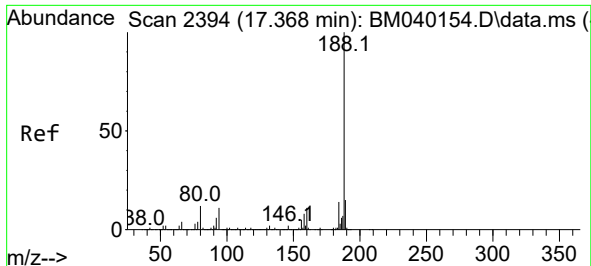
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.7 19.8 29.6

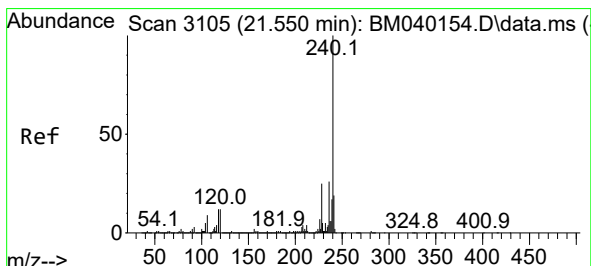
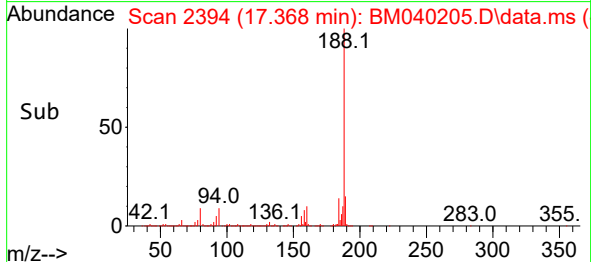
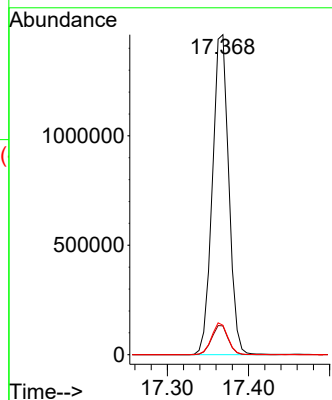
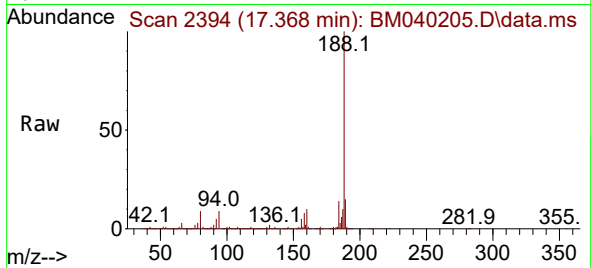




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

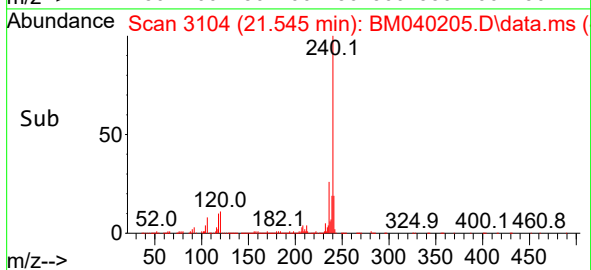
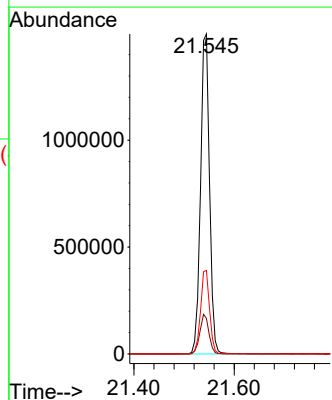
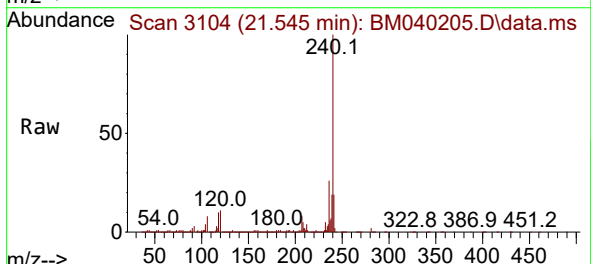
Instrument :
BNA_M
ClientSampleId :
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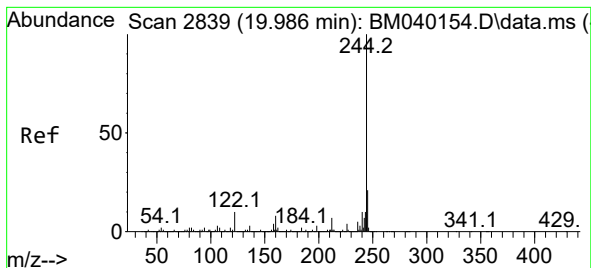
Tgt Ion:188 Resp: 2045377
Ion Ratio Lower Upper
188 100
94 9.0 8.9 13.3
80 9.2 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040205.D
Acq: 10 Jun 2023 01:14

Tgt Ion:240 Resp: 1853810
Ion Ratio Lower Upper
240 100
120 11.1 9.9 14.9
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 61.910 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040205.D

Acq: 10 Jun 2023 01:14

Instrument :

BNA_M

ClientSampleId :

SB34B

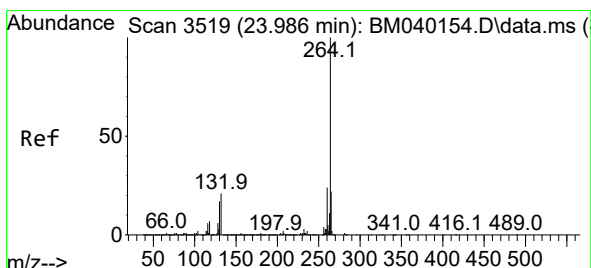
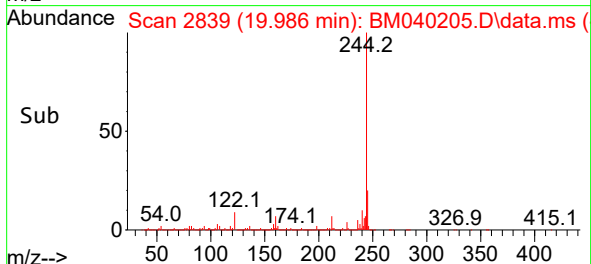
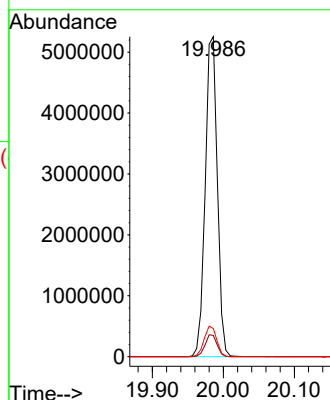
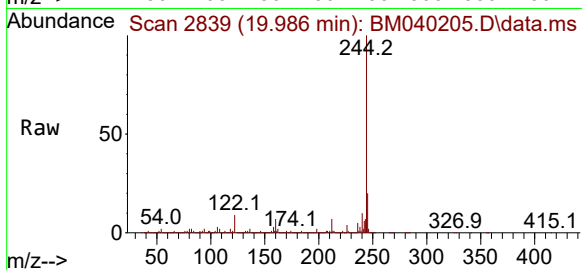
Tgt Ion:244 Resp: 6225953

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 8.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040205.D

Acq: 10 Jun 2023 01:14

Tgt Ion:264 Resp: 1854400

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 17.7 26.5

