

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040213.D
 Acq On : 10 Jun 2023 06:05
 Operator : MA/JU
 Sample : 03096-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-25-0A

Quant Time: Jun 10 06:36:57 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	339616	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1468255	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	917357	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2073154	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1785046	20.000	ng	-0.01
86) Perylene-d12	23.974	264	1851468	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2832329	124.526	ng	0.00
7) Phenol-d6	7.146	99	3659004	117.895	ng	0.00
23) Nitrobenzene-d5	9.151	82	1931323	71.196	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1795368	130.079	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	5135726	73.995	ng	0.00
79) Terphenyl-d14	19.980	244	9235178	95.371	ng	0.00

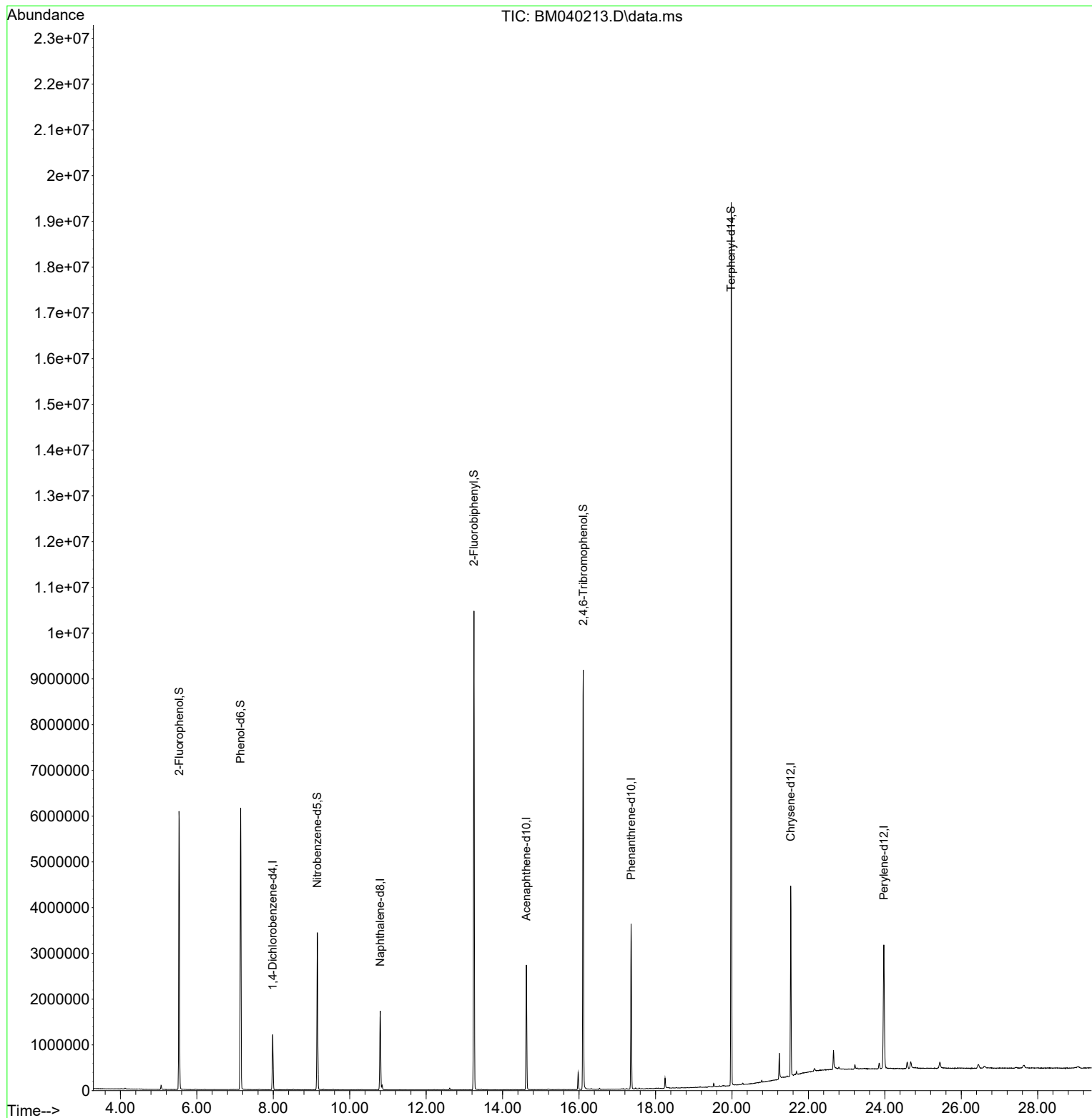
Target Compounds	Qvalue

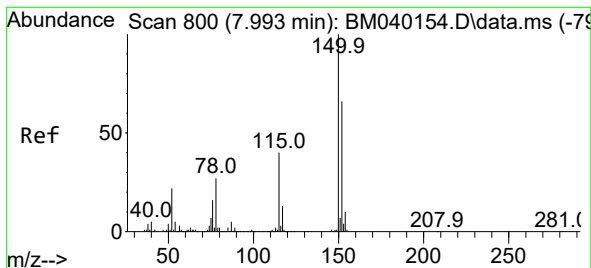
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM040213.D

Acq: 10 Jun 2023 06:05

Instrument :

BNA_M

ClientSampleId :

TP-25-0A

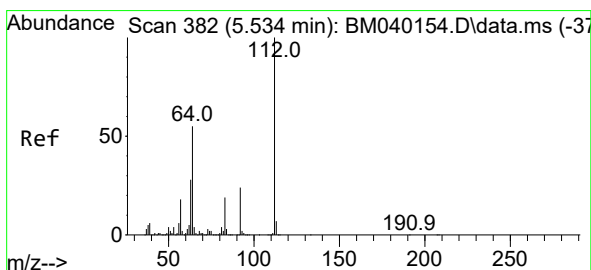
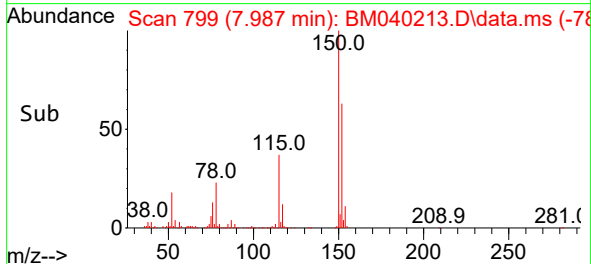
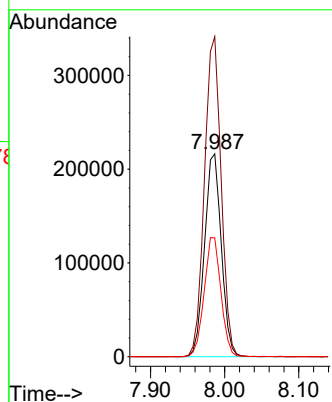
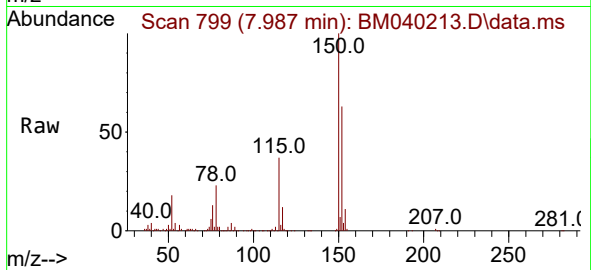
Tgt Ion:152 Resp: 339616

Ion Ratio Lower Upper

152 100

150 157.7 121.4 182.0

115 58.6 48.2 72.4



#5

2-Fluorophenol

Concen: 124.526 ng

RT: 5.540 min Scan# 383

Delta R.T. 0.006 min

Lab File: BM040213.D

Acq: 10 Jun 2023 06:05

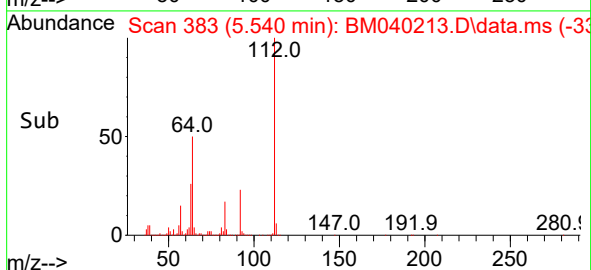
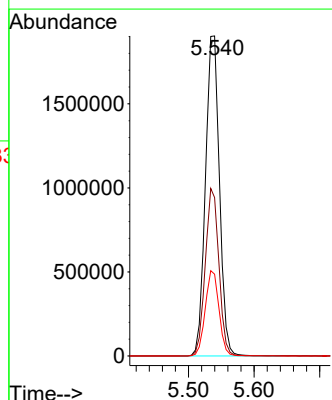
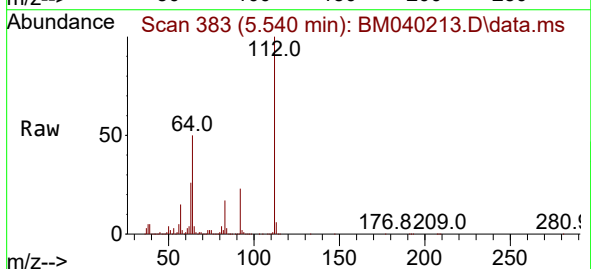
Tgt Ion:112 Resp: 2832329

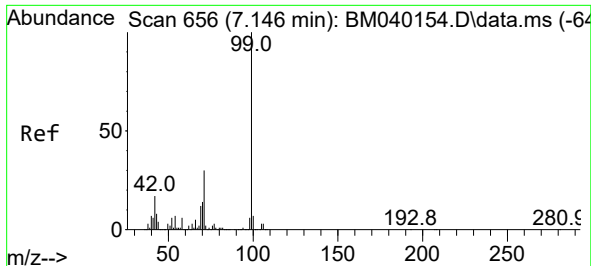
Ion Ratio Lower Upper

112 100

64 49.5 43.8 65.6

63 25.5 22.8 34.2



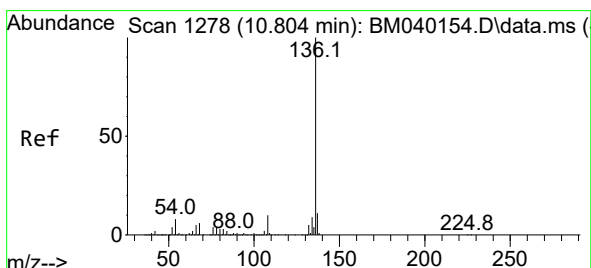
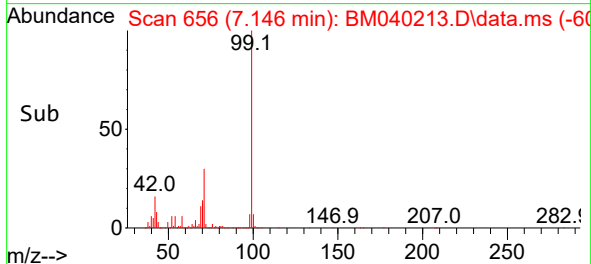
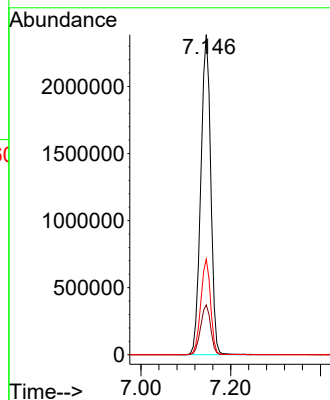
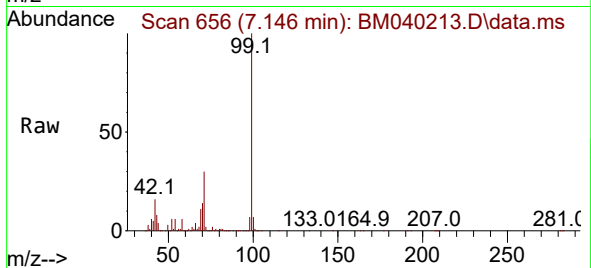


#7
Phenol-d6
Concen: 117.895 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

Instrument :
BNA_M
ClientSampleId :
TP-25-0A

Tgt Ion: 99 Resp: 3659004

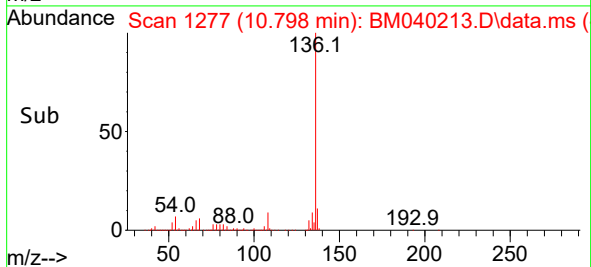
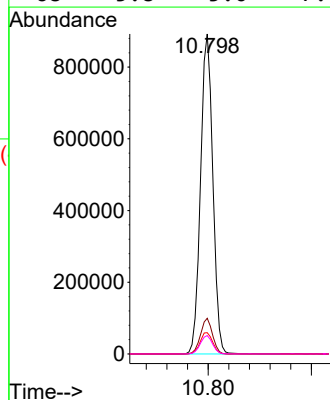
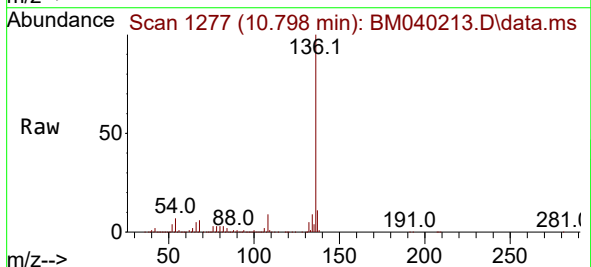
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.2
71	29.9	24.3	36.5

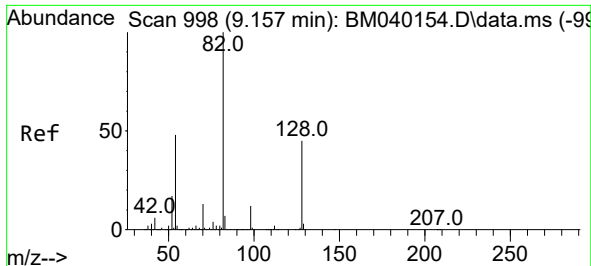


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

Tgt Ion: 136 Resp: 1468255

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.7	6.2	9.4
68	5.8	5.0	7.4

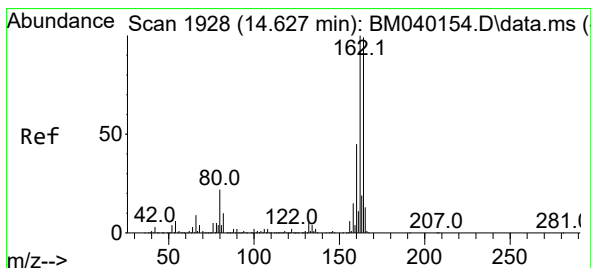
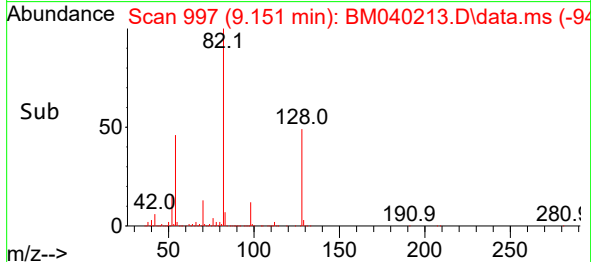
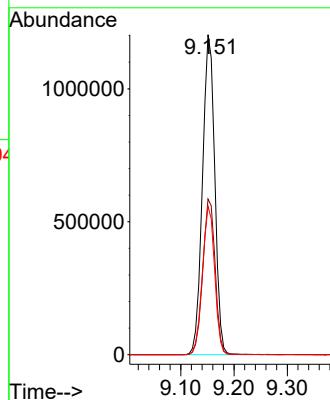
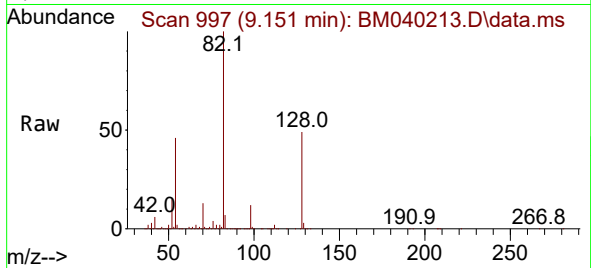




#23
Nitrobenzene-d5
Concen: 71.196 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

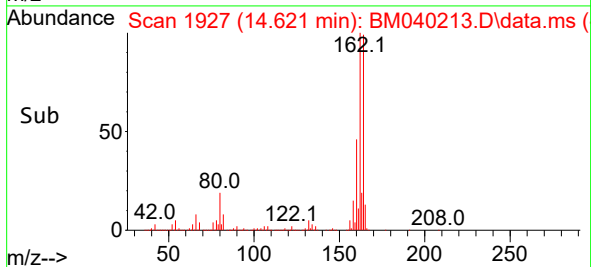
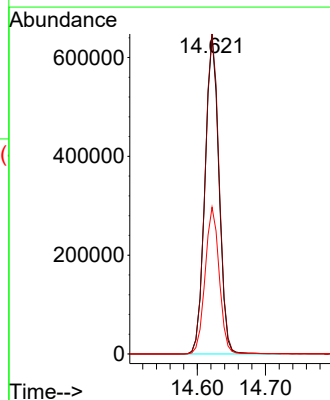
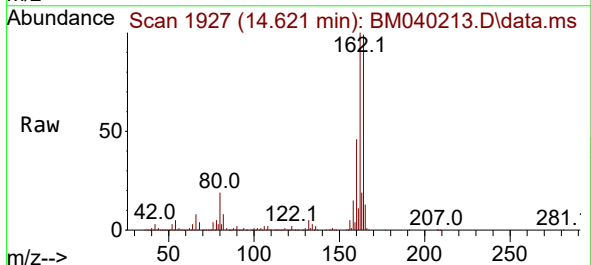
Instrument :
BNA_M
ClientSampleId :
TP-25-0A

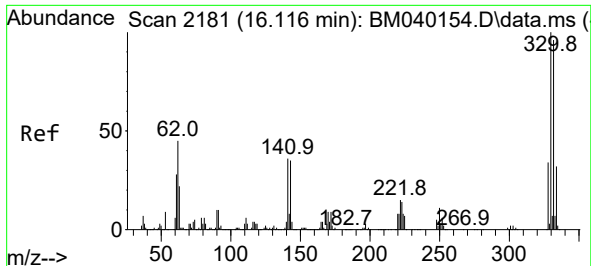
Tgt Ion: 82 Resp: 1931323
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 46.4 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

Tgt Ion: 164 Resp: 917357
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 130.079 ng

RT: 16.110 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BM040213.D

Acq: 10 Jun 2023 06:05

Instrument :

BNA_M

ClientSampleId :

TP-25-0A

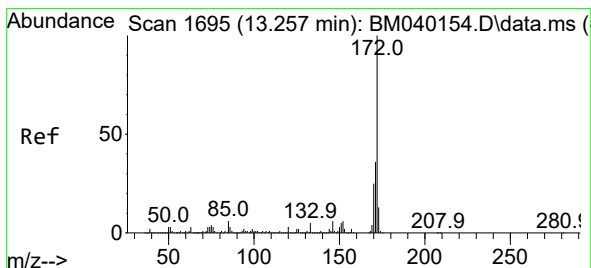
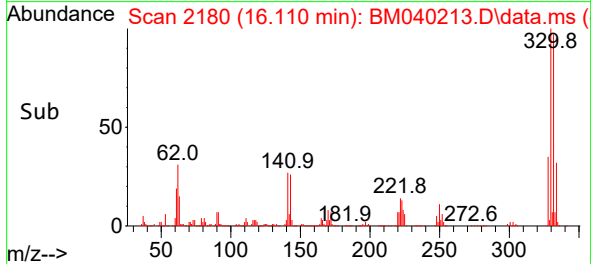
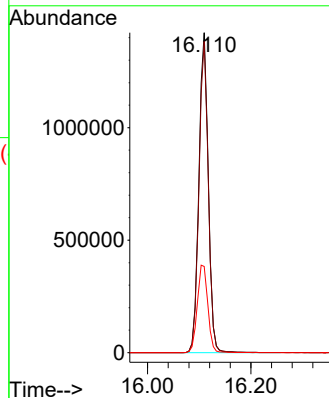
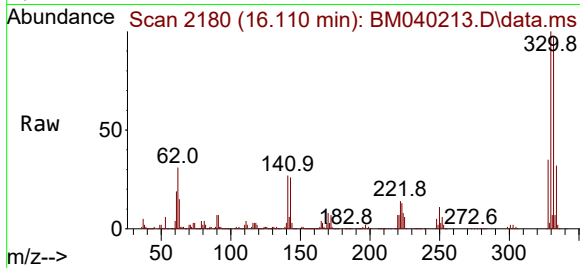
Tgt Ion:330 Resp: 1795368

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 30.7 31.6 47.4#



#45

2-Fluorobiphenyl

Concen: 73.995 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040213.D

Acq: 10 Jun 2023 06:05

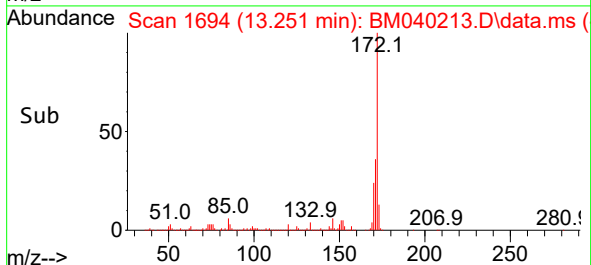
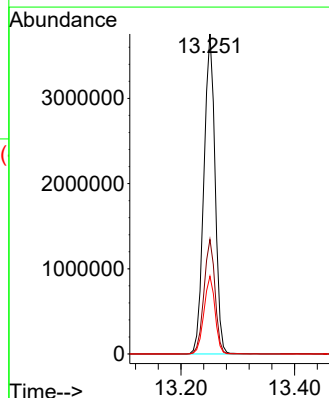
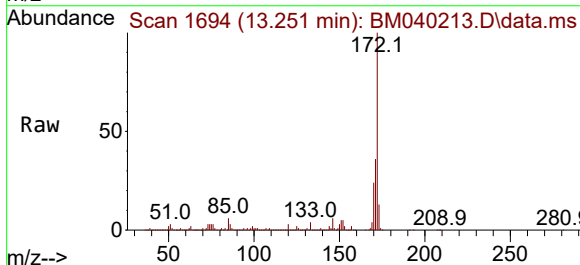
Tgt Ion:172 Resp: 5135726

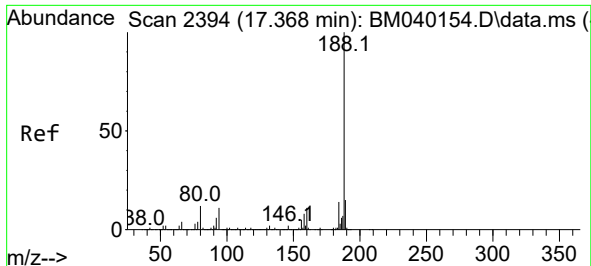
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.8 29.6

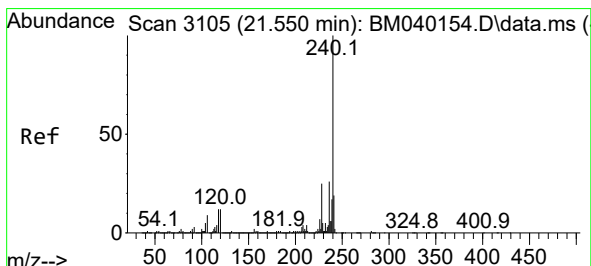
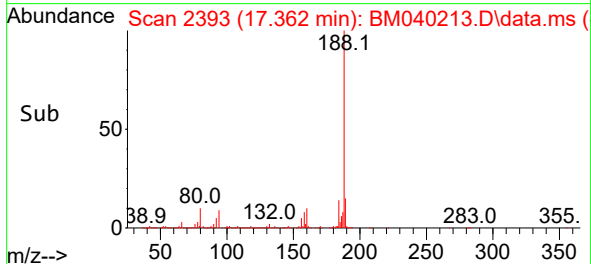
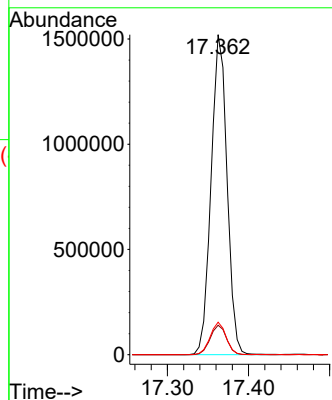
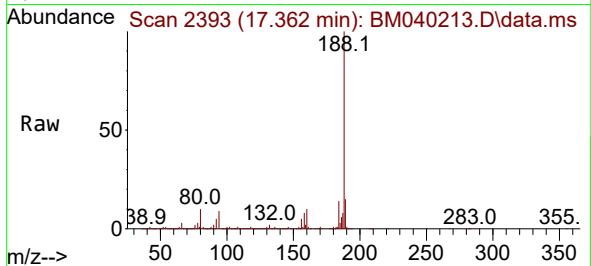




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

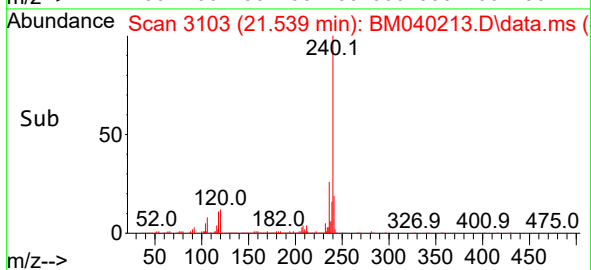
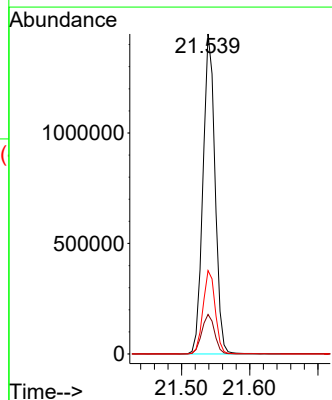
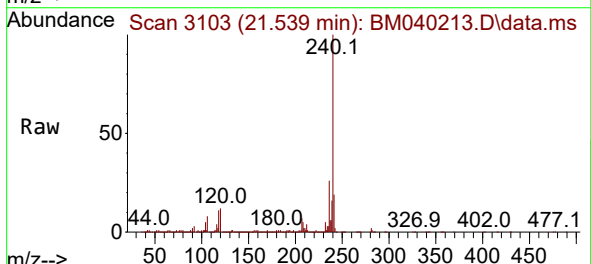
Instrument :
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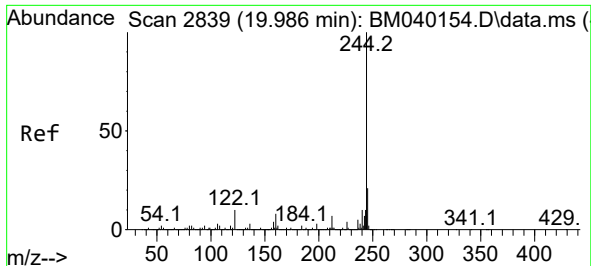
Tgt Ion:188 Resp: 2073154
Ion Ratio Lower Upper
188 100
94 9.2 8.9 13.3
80 10.1 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM040213.D
Acq: 10 Jun 2023 06:05

Tgt Ion:240 Resp: 1785046
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 26.0 21.1 31.7

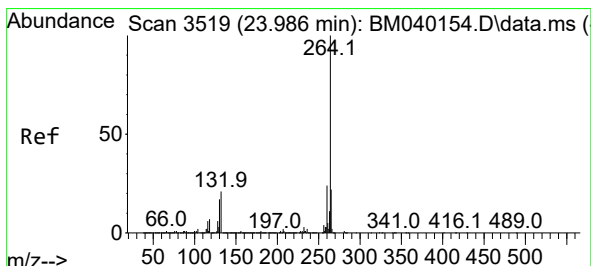
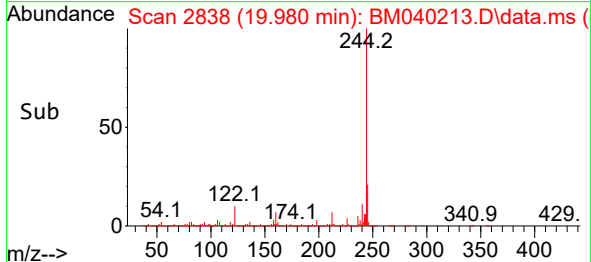
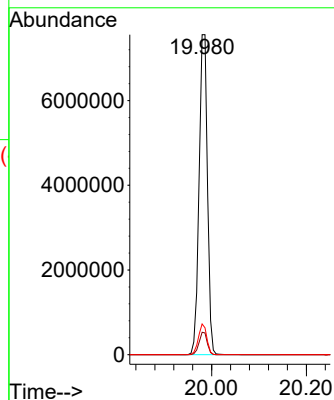
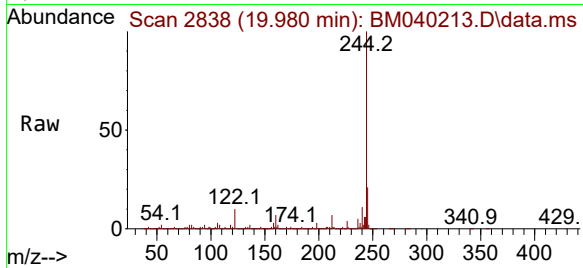




#79
 Terphenyl-d14
 Concen: 95.371 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM040213.D
 Acq: 10 Jun 2023 06:05

Instrument :
 BNA_M
 ClientSampleId :
 TP-25-0A

Tgt Ion:244 Resp: 9235178
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.974 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM040213.D
 Acq: 10 Jun 2023 06:05

Tgt Ion:264 Resp: 1851468
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 17.7 26.5

