

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040206.D
 Acq On : 10 Jun 2023 01:51
 Operator : MA/JU
 Sample : 03047-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB33B

Quant Time: Jun 10 04:46:19 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	282998	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1248252	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	792377	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1814948	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1720509	20.000	ng	-0.01
86) Perylene-d12	23.974	264	1845414	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1318280	69.555	ng	0.00
7) Phenol-d6	7.140	99	1778578	68.772	ng	0.00
23) Nitrobenzene-d5	9.151	82	909556	39.439	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	843283	70.735	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2551134	42.554	ng	0.00
79) Terphenyl-d14	19.980	244	4991394	53.479	ng	0.00

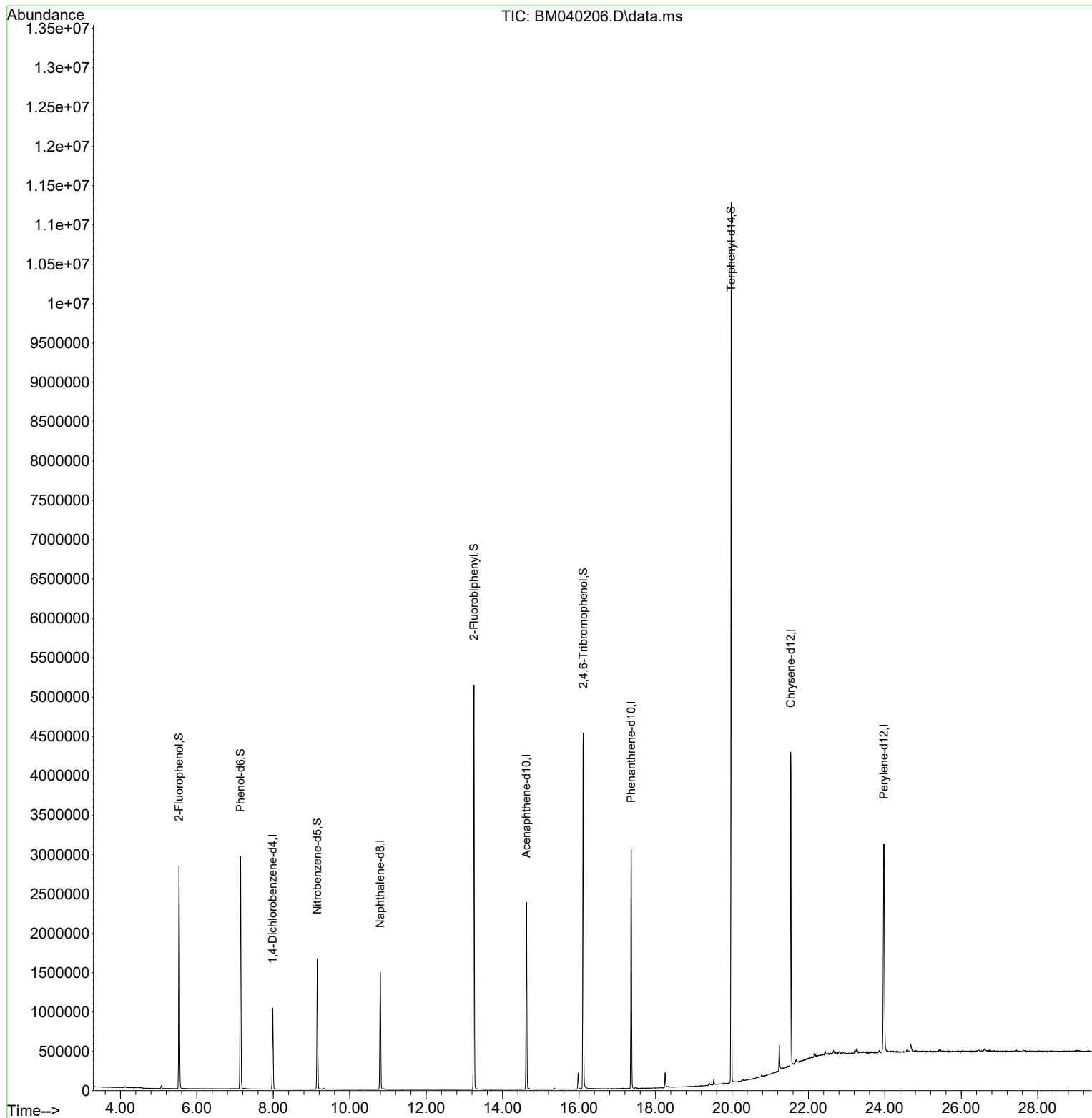
Target Compounds	Qvalue

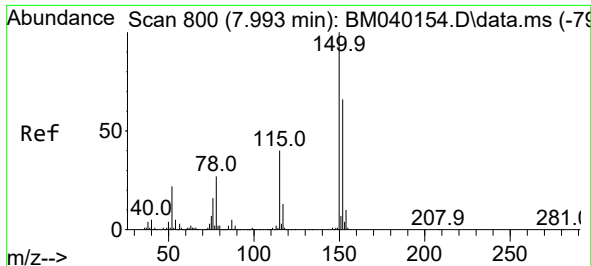
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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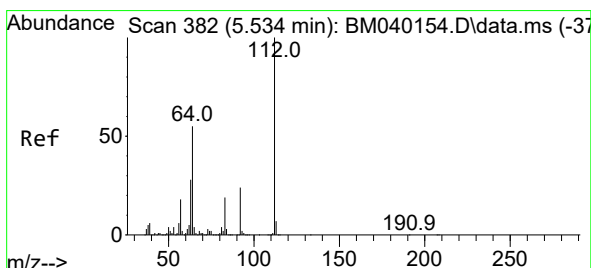
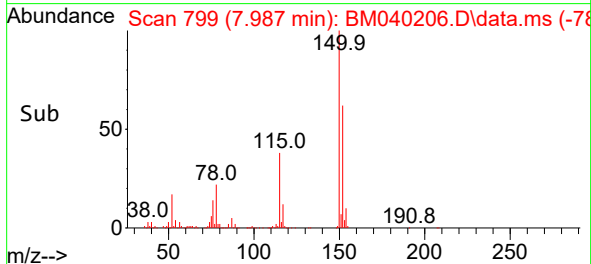
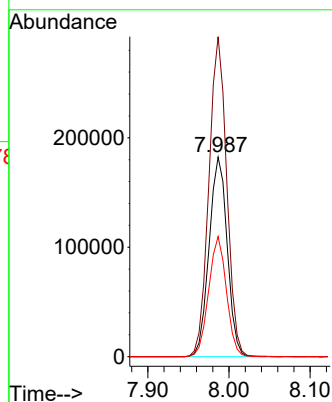
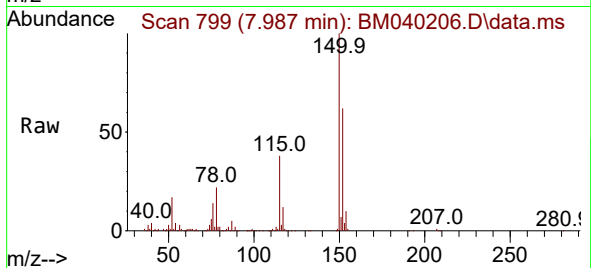




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

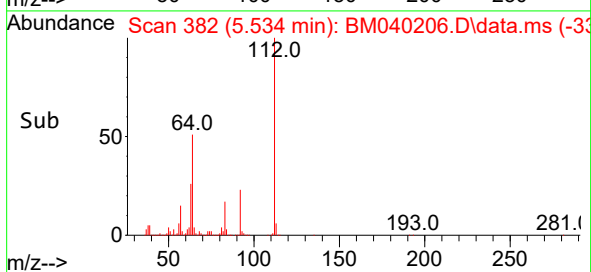
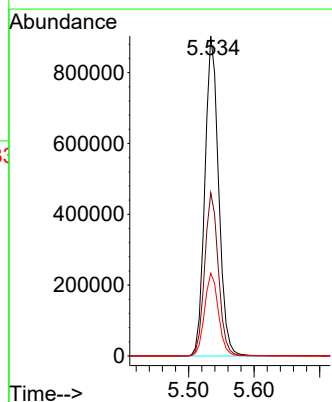
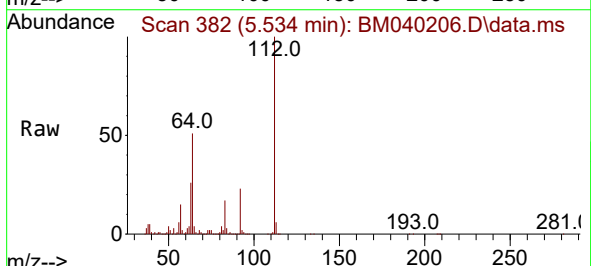
Instrument :
BNA_M
ClientSampleId :
SB33B

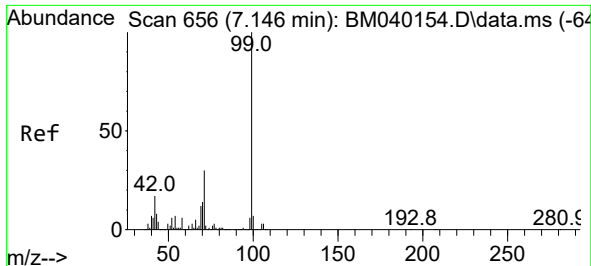
Tgt Ion:152 Resp: 282998
Ion Ratio Lower Upper
152 100
150 160.2 121.4 182.0
115 60.2 48.2 72.4



#5
2-Fluorophenol
Concen: 69.555 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

Tgt Ion:112 Resp: 1318280
Ion Ratio Lower Upper
112 100
64 51.0 43.8 65.6
63 25.8 22.8 34.2

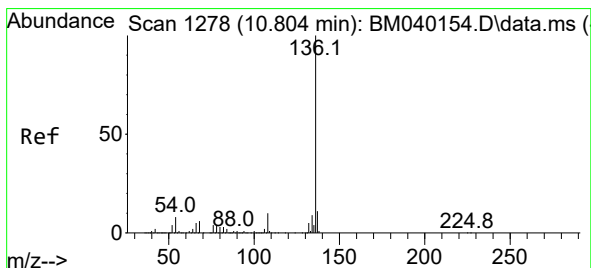
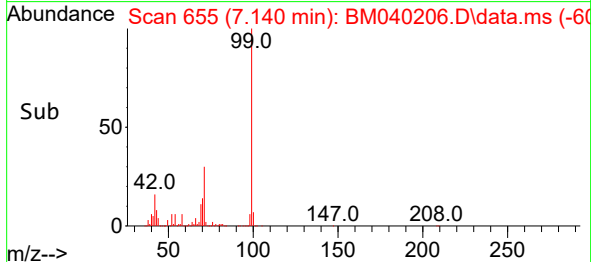
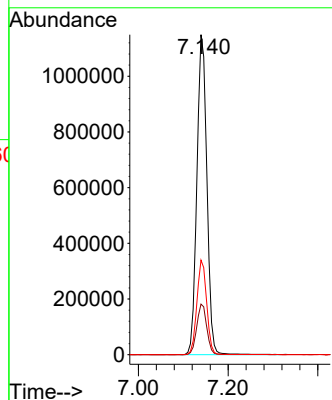
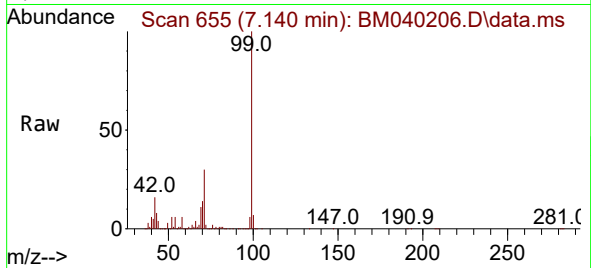




#7
Phenol-d6
Concen: 68.772 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

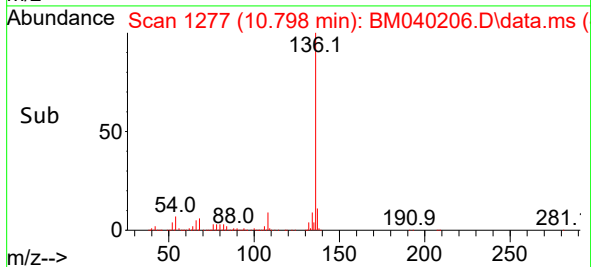
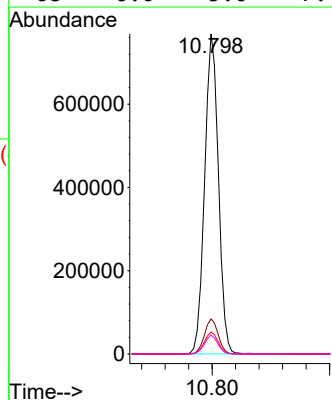
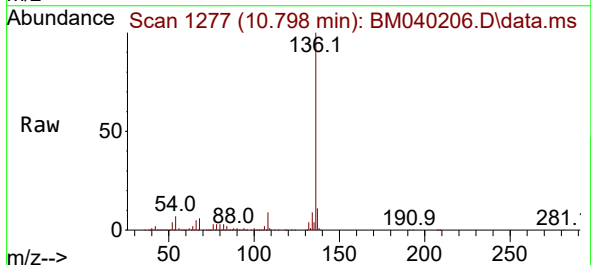
Instrument :
BNA_M
ClientSampleId :
SB33B

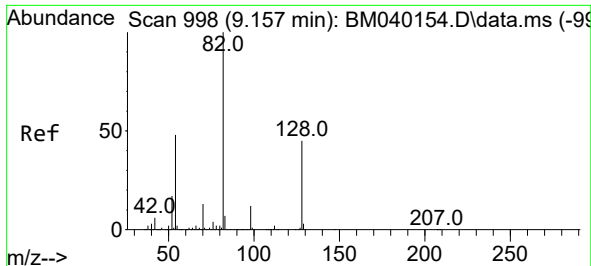
Tgt Ion: 99 Resp: 1778578
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 29.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

Tgt Ion: 136 Resp: 1248252
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 6.2 9.4
68 6.0 5.0 7.4

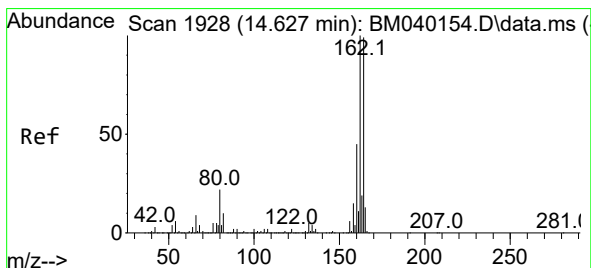
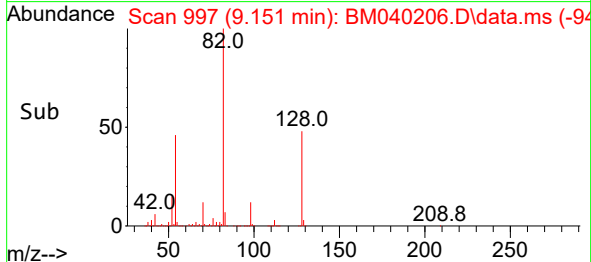
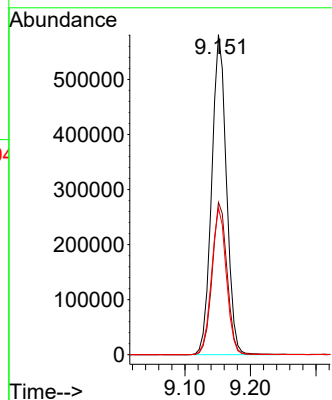
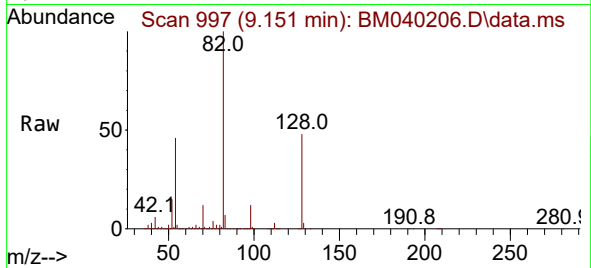




#23
Nitrobenzene-d5
Concen: 39.439 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

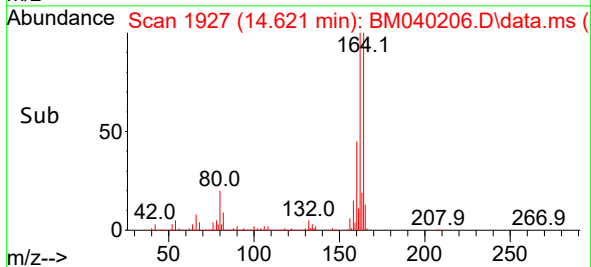
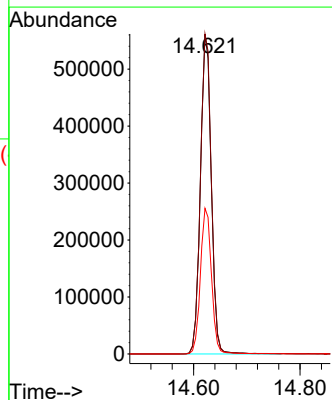
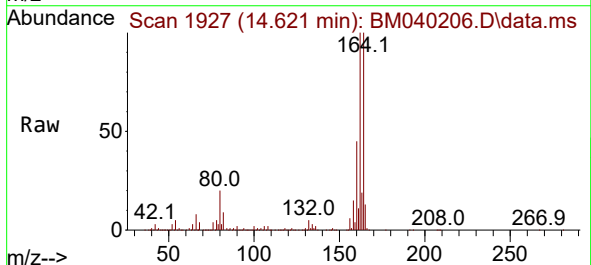
Instrument :
BNA_M
ClientSampleId :
SB33B

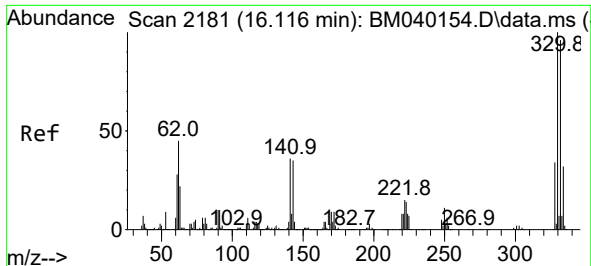
Tgt Ion: 82 Resp: 909556
Ion Ratio Lower Upper
82 100
128 47.6 36.0 54.0
54 45.8 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040206.D
Acq: 10 Jun 2023 01:51

Tgt Ion: 164 Resp: 792377
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 70.735 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040206.D

Acq: 10 Jun 2023 01:51

Instrument :

BNA_M

ClientSampleId :

SB33B

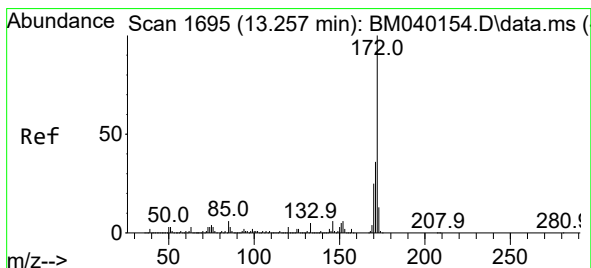
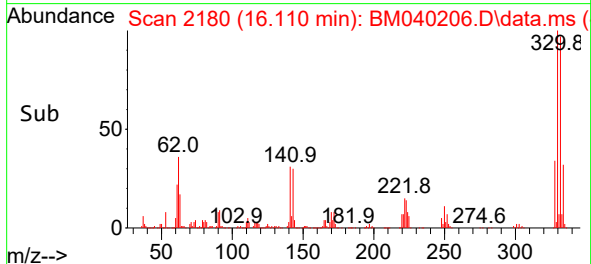
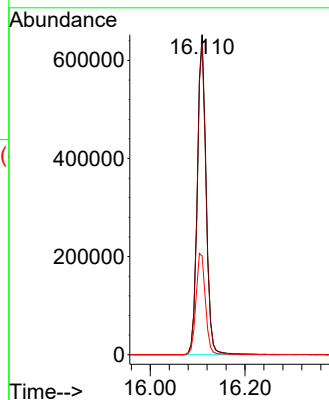
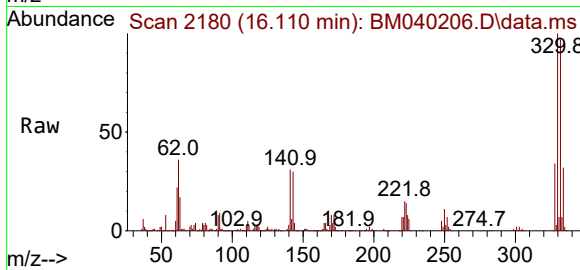
Tgt Ion:330 Resp: 843283

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 33.9 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 42.554 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040206.D

Acq: 10 Jun 2023 01:51

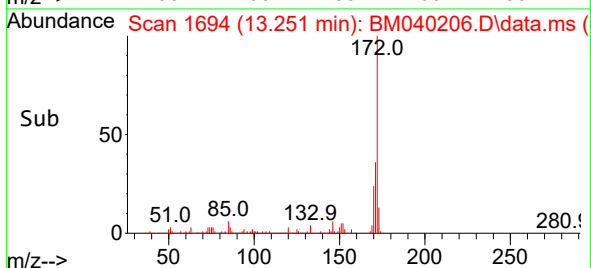
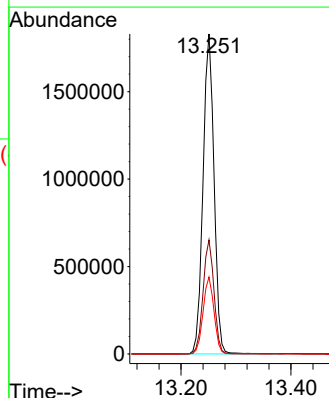
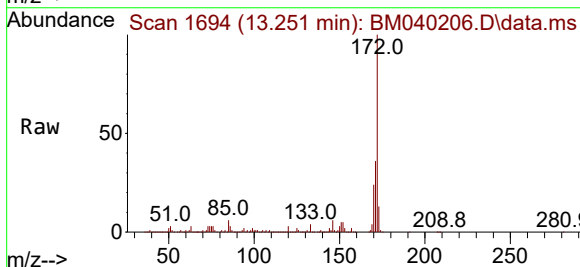
Tgt Ion:172 Resp: 2551134

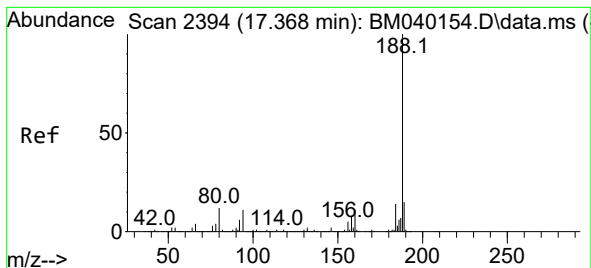
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 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: BM040206.D

Acq: 10 Jun 2023 01:51

Instrument :

BNA_M

ClientSampleId :

SB33B

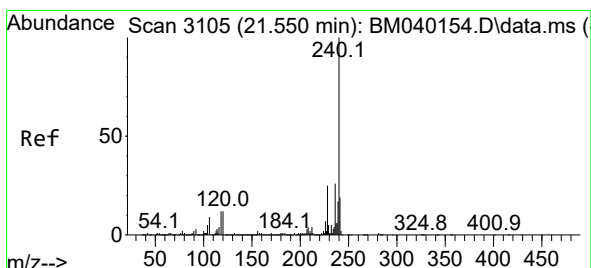
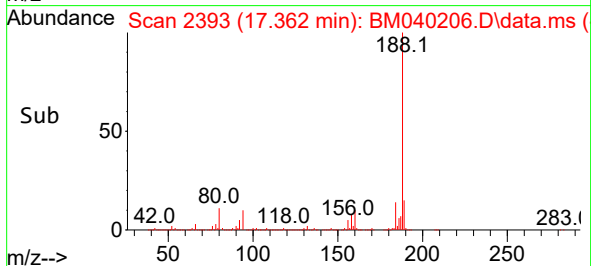
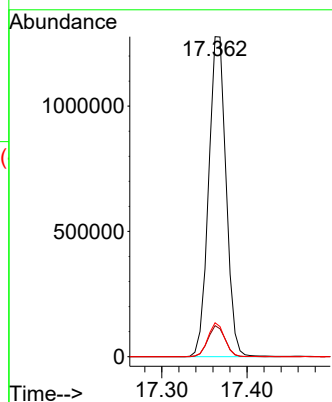
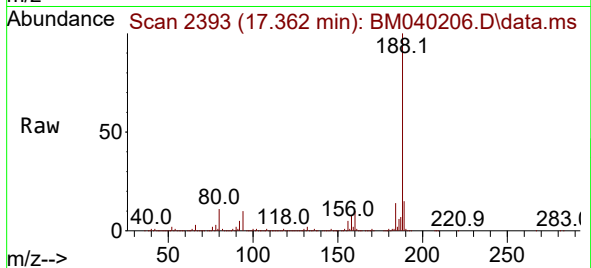
Tgt Ion:188 Resp: 1814948

Ion Ratio Lower Upper

188 100

94 9.7 8.9 13.3

80 10.6 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: BM040206.D

Acq: 10 Jun 2023 01:51

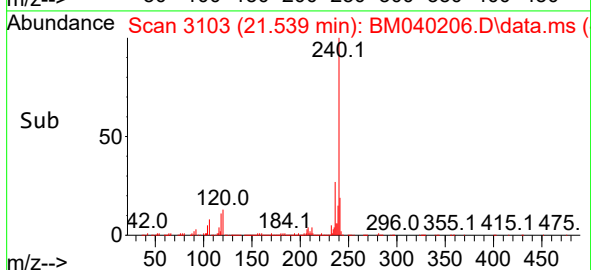
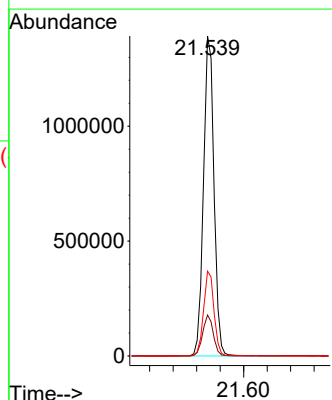
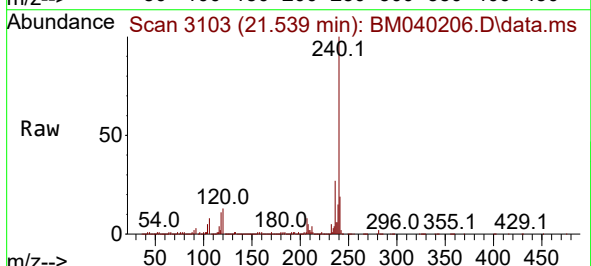
Tgt Ion:240 Resp: 1720509

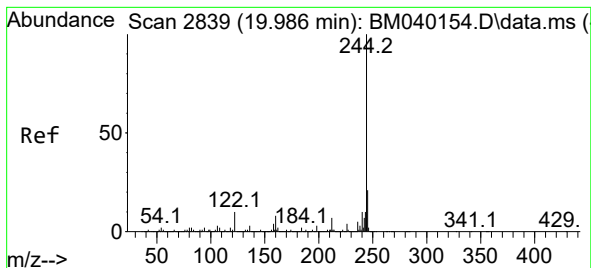
Ion Ratio Lower Upper

240 100

120 12.8 9.9 14.9

236 26.5 21.1 31.7





#79

Terphenyl-d14

Concen: 53.479 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040206.D

Acq: 10 Jun 2023 01:51

Instrument :

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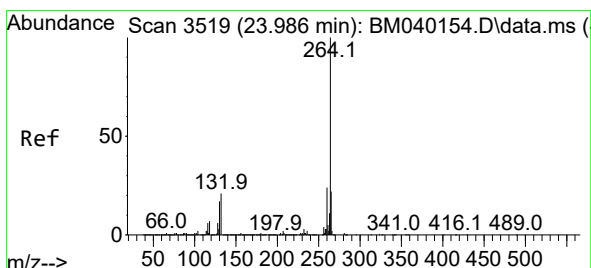
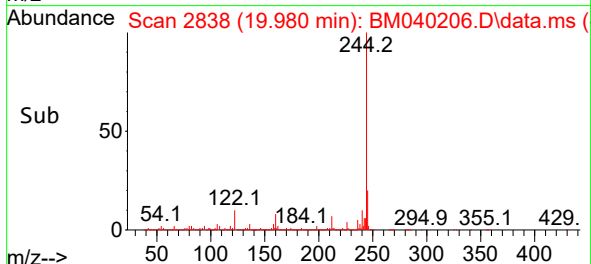
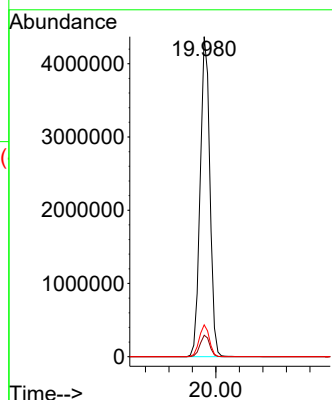
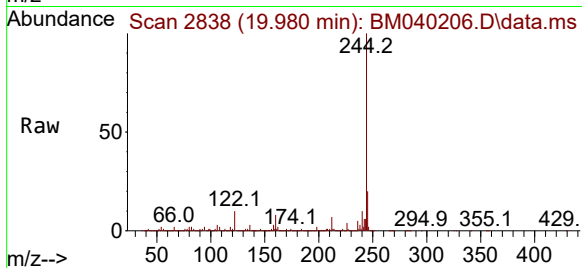
Tgt Ion:244 Resp: 4991394

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.0 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: BM040206.D

Acq: 10 Jun 2023 01:51

Tgt Ion:264 Resp: 1845414

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.5 17.7 26.5

