

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
 Data File : BM039403.D
 Acq On : 12 Apr 2023 14:46
 Operator : CG/JU
 Sample : PB152062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152062BL

Quant Time: Apr 13 01:47:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	284929	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1095937	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	608118	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1135232	20.000	ng	0.00
76) Chrysene-d12	21.456	240	820259	20.000	ng	0.00
86) Perylene-d12	23.844	264	830390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2518432	133.166	ng	0.02
7) Phenol-d6	7.075	99	3026288	123.718	ng	0.04
23) Nitrobenzene-d5	9.039	82	1821014	80.758	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	849070	109.991	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	3796002	84.576	ng	0.00
79) Terphenyl-d14	19.897	244	4315728	97.208	ng	0.00

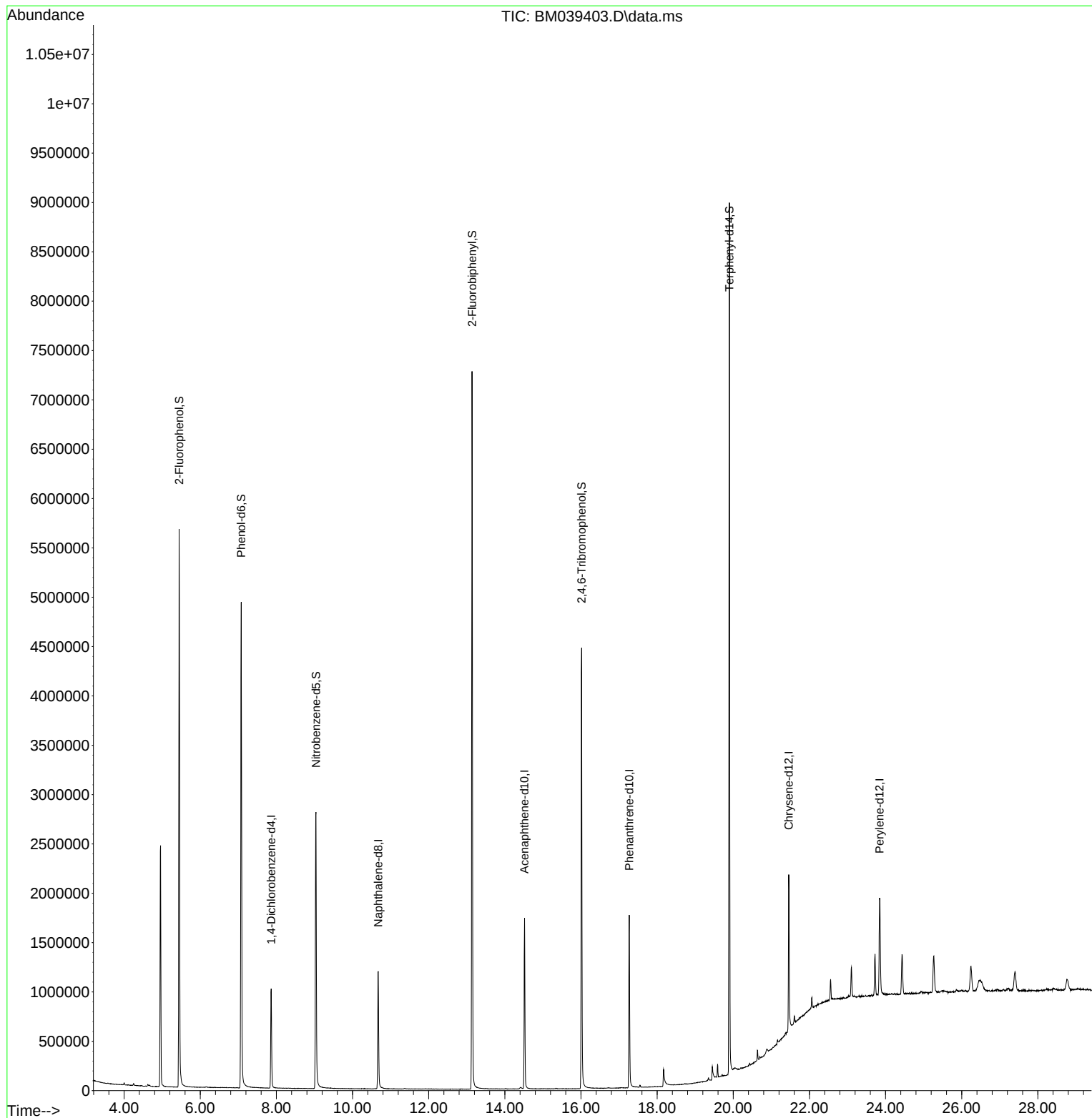
Target Compounds	Qvalue

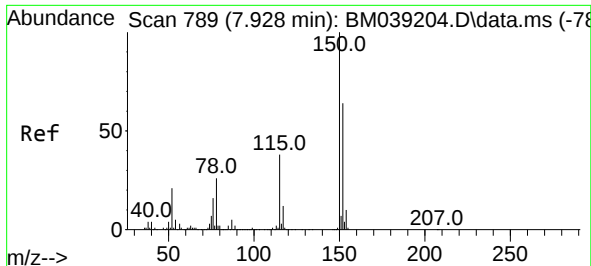
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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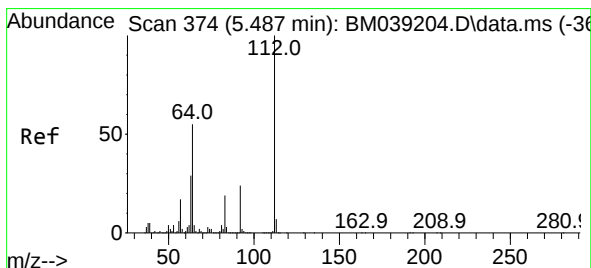
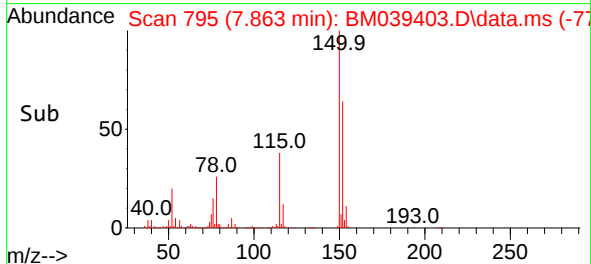
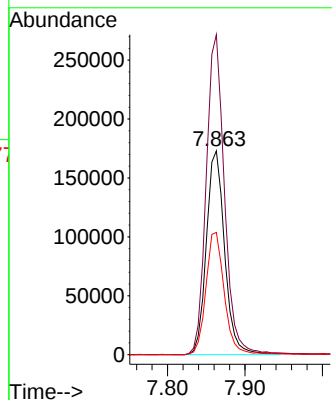
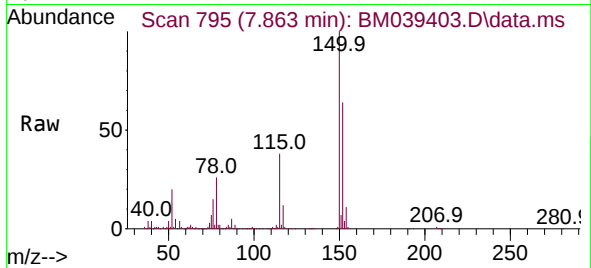




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

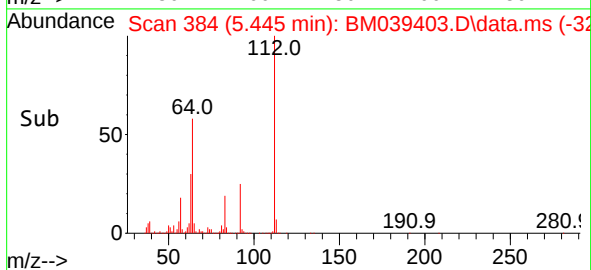
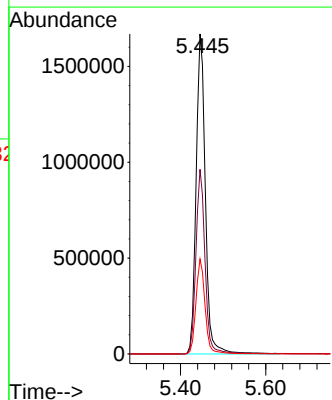
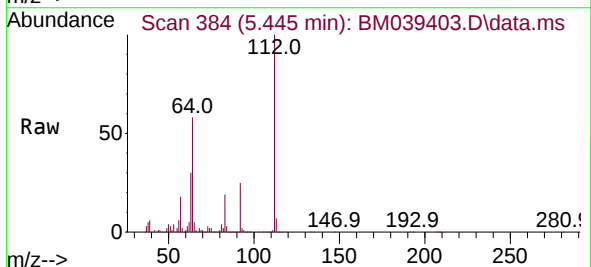
Instrument :
BNA_M
ClientSampleId :
PB152062BL

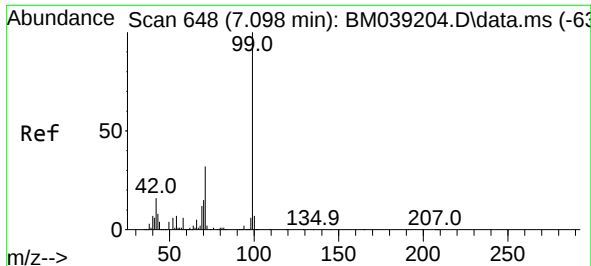
Tgt Ion:152 Resp: 284929
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 133.166 ng
RT: 5.445 min Scan# 384
Delta R.T. 0.024 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

Tgt Ion:112 Resp: 2518432
Ion Ratio Lower Upper
112 100
64 57.7 44.3 66.5
63 29.6 23.0 34.6

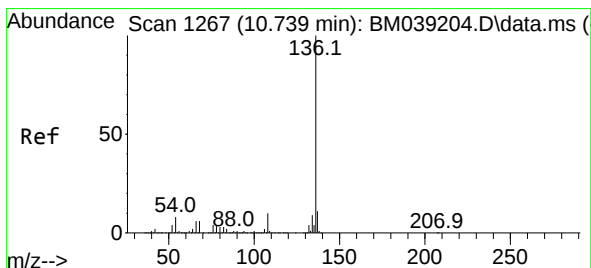
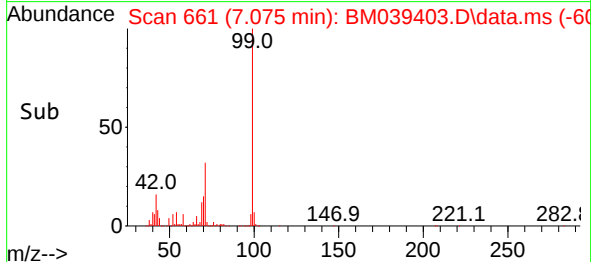
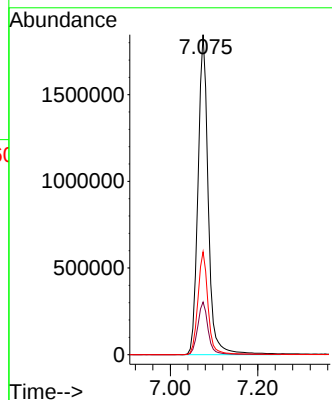
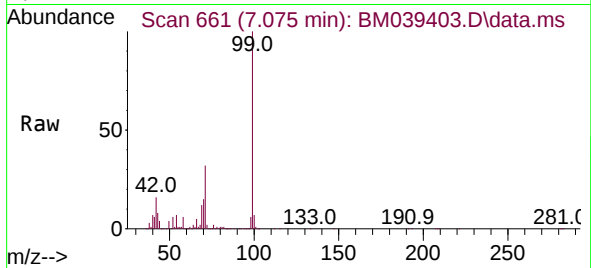




#7
Phenol-d6
Concen: 123.718 ng
RT: 7.075 min Scan# 60
Delta R.T. 0.041 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

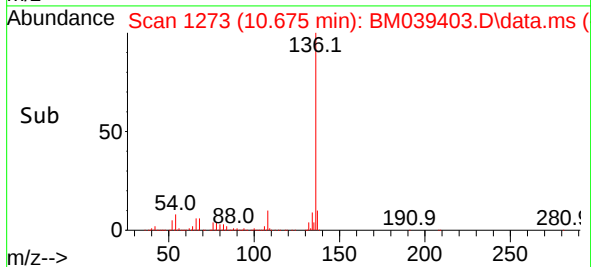
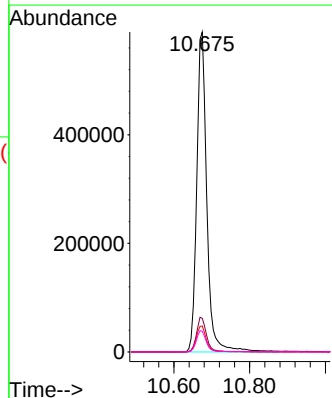
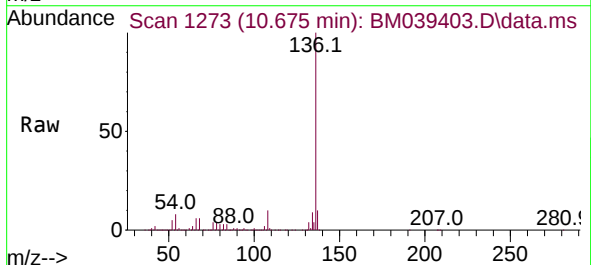
Instrument :
BNA_M
ClientSampleId :
PB152062BL

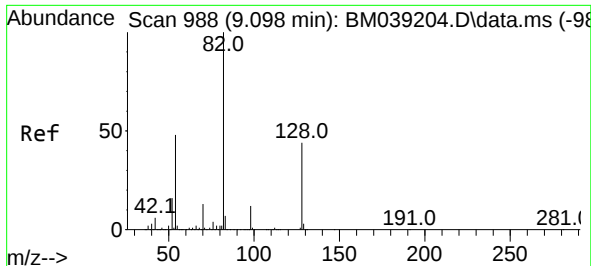
Tgt Ion: 99 Resp: 3026288
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 32.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

Tgt Ion: 136 Resp: 1095937
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.1 6.2 9.4
68 6.5 4.9 7.3

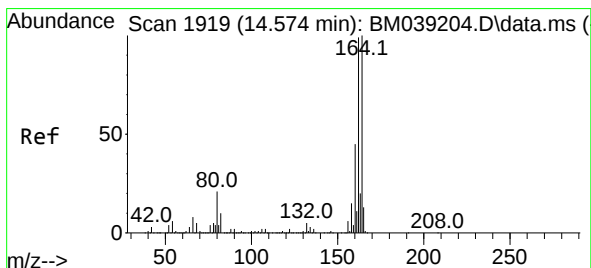
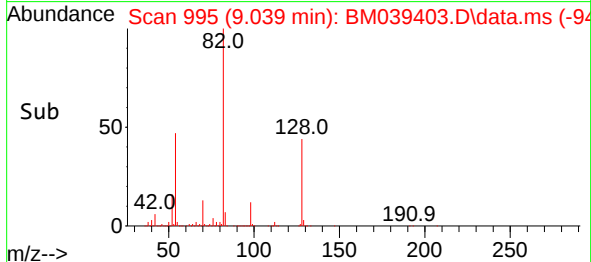
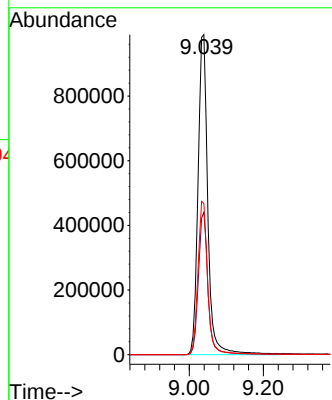
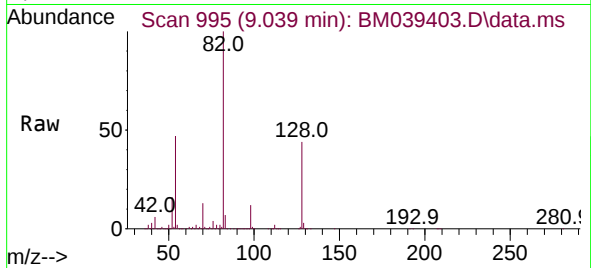




#23
Nitrobenzene-d5
Concen: 80.758 ng
RT: 9.039 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

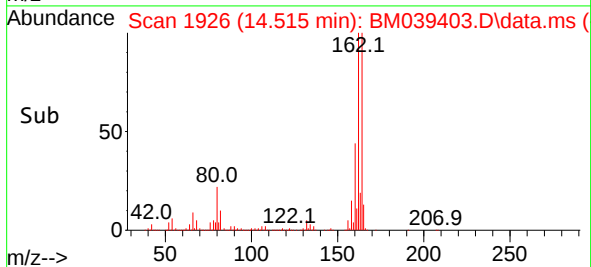
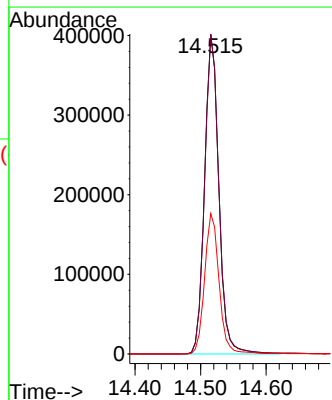
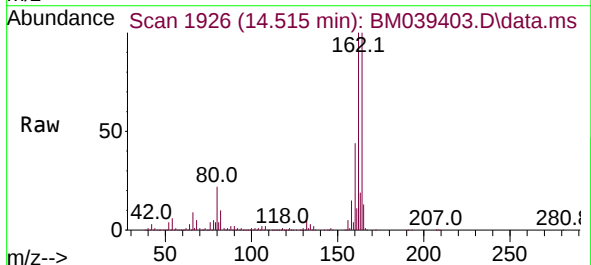
Instrument :
BNA_M
ClientSampleId :
PB152062BL

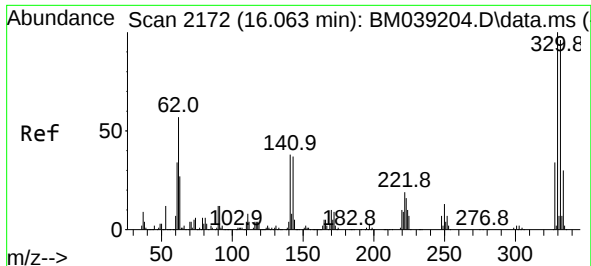
Tgt Ion: 82 Resp: 1821014
Ion Ratio Lower Upper
82 100
128 44.5 35.1 52.7
54 47.2 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

Tgt Ion: 164 Resp: 608118
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 44.0 35.8 53.8

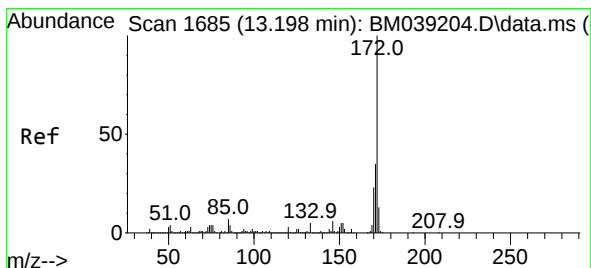
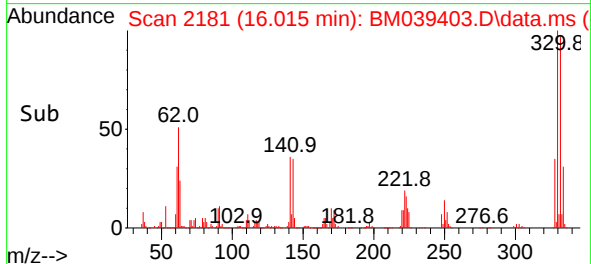
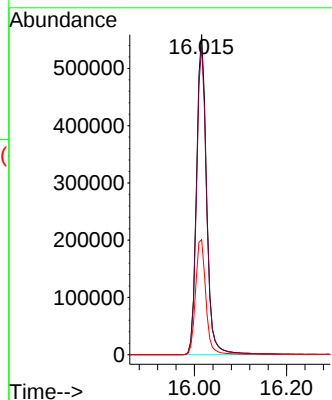
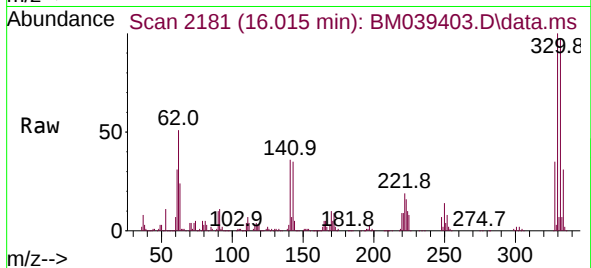




#42
2,4,6-Tribromophenol
Concen: 109.991 ng
RT: 16.015 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

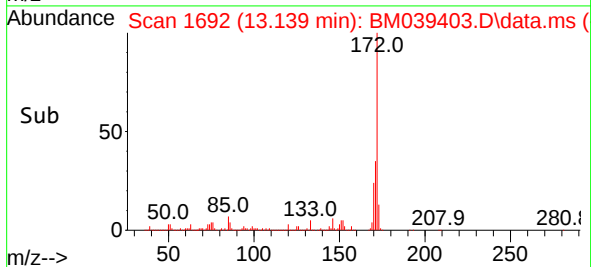
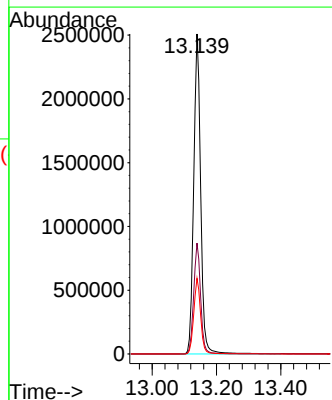
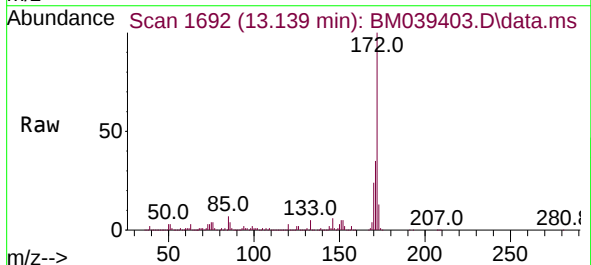
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ClientSampleId :
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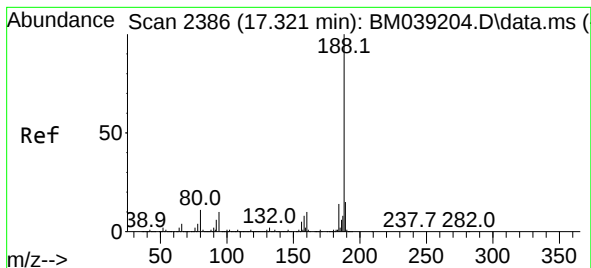
Tgt Ion:330 Resp: 849070
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 36.9 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 84.576 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BM039403.D
Acq: 12 Apr 2023 14:46

Tgt Ion:172 Resp: 3796002
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039403.D

Acq: 12 Apr 2023 14:46

Instrument :

BNA_M

ClientSampleId :

PB152062BL

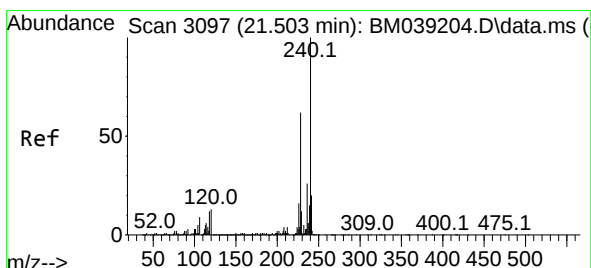
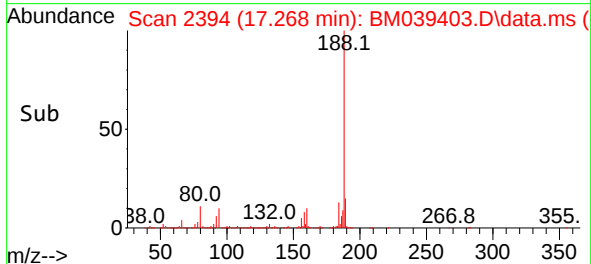
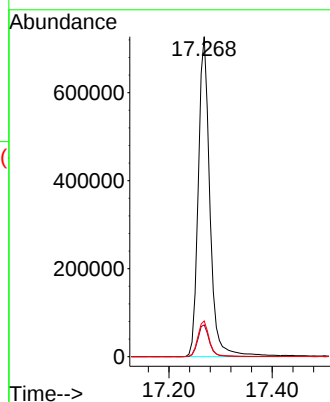
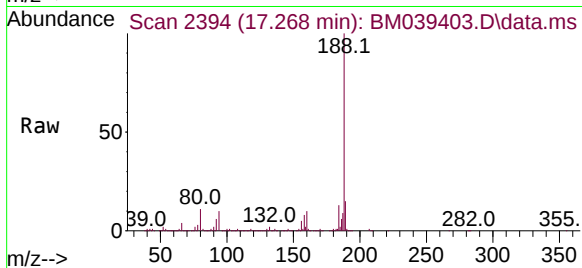
Tgt Ion:188 Resp: 1135232

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 11.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039403.D

Acq: 12 Apr 2023 14:46

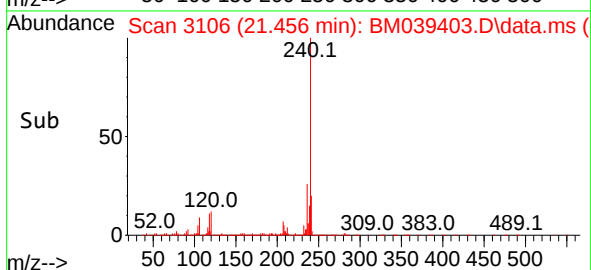
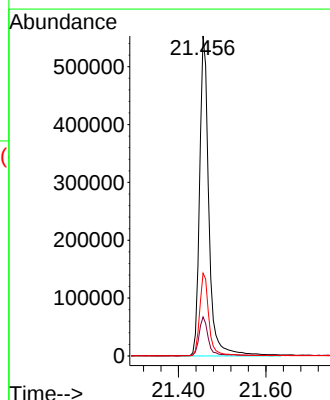
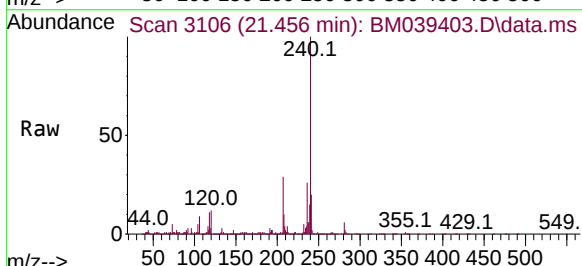
Tgt Ion:240 Resp: 820259

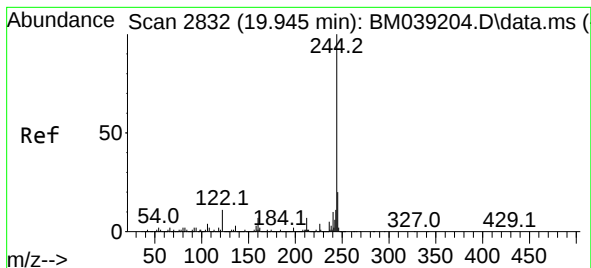
Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 97.208 ng

RT: 19.897 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039403.D

Acq: 12 Apr 2023 14:46

Instrument :

BNA_M

ClientSampleId :

PB152062BL

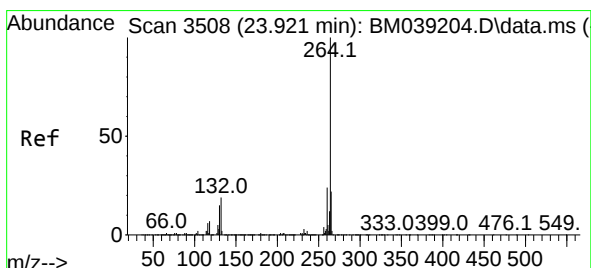
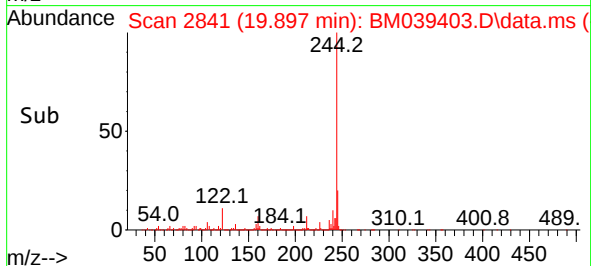
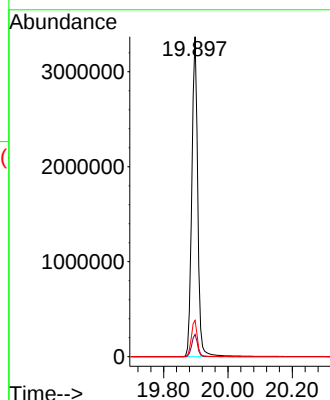
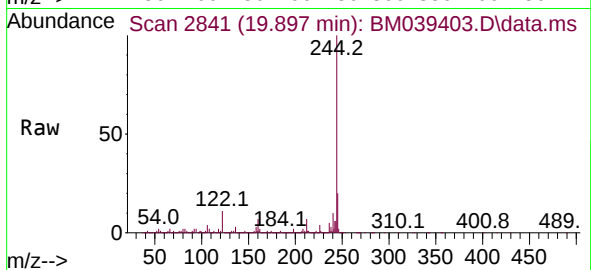
Tgt Ion:244 Resp: 4315728

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BM039403.D

Acq: 12 Apr 2023 14:46

Tgt Ion:264 Resp: 830390

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 23.3 18.1 27.1

