

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041405.D
 Acq On : 15 Aug 2023 14:28
 Operator : MA/JU
 Sample : PB154832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154832BL

Quant Time: Aug 16 01:10:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	143157	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	569578	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	374878	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	866304	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	867023	20.000	ng	-0.02
86) Perylene-d12	23.762	264	985791	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1364999	142.508	ng	0.00
7) Phenol-d6	6.957	99	1770445	142.595	ng	0.00
23) Nitrobenzene-d5	8.945	82	1110120	90.638	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	853042	160.877	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	2595302	87.455	ng	0.00
79) Terphenyl-d14	19.833	244	4815933	100.429	ng	-0.01

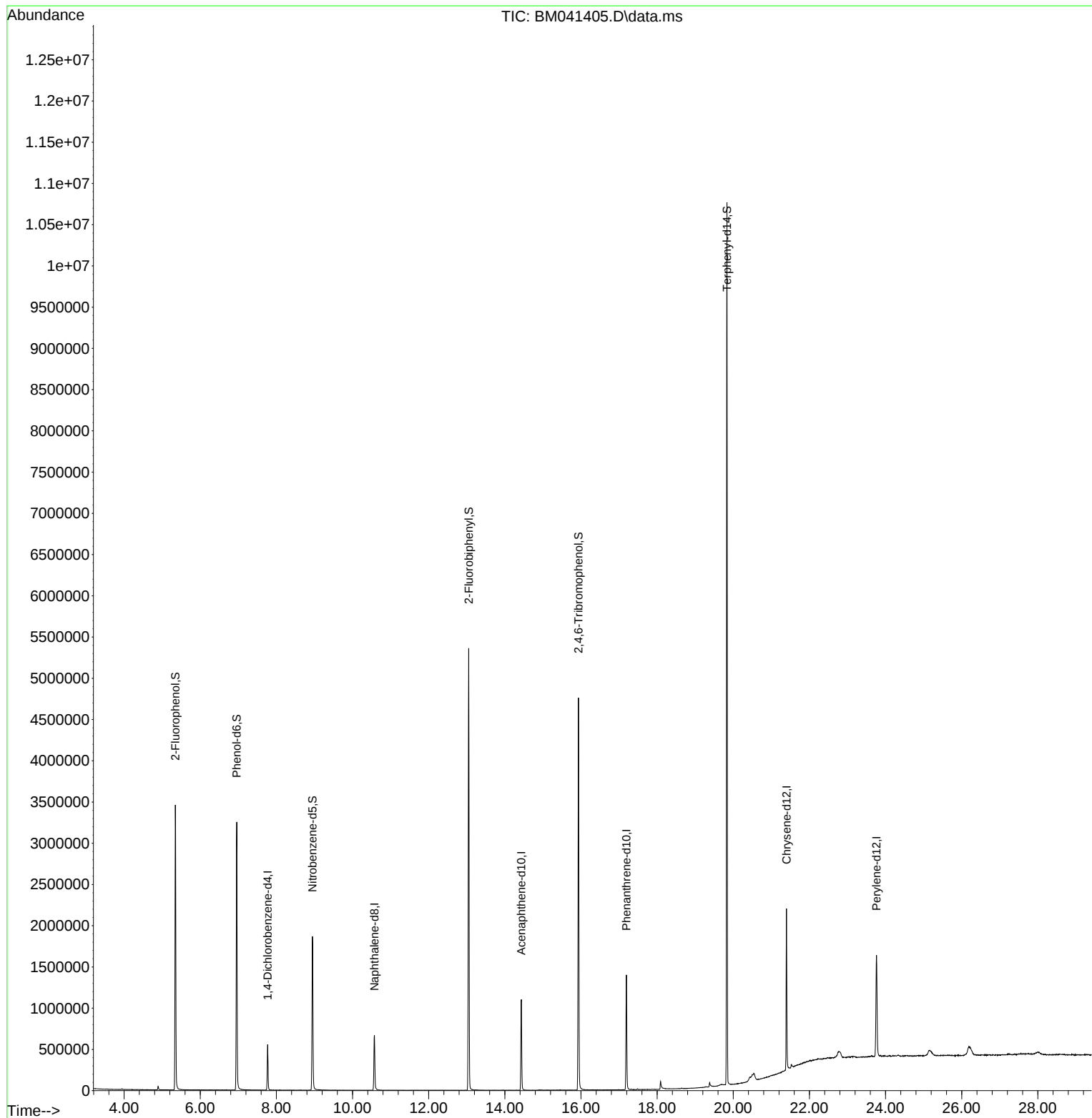
Target Compounds	Qvalue

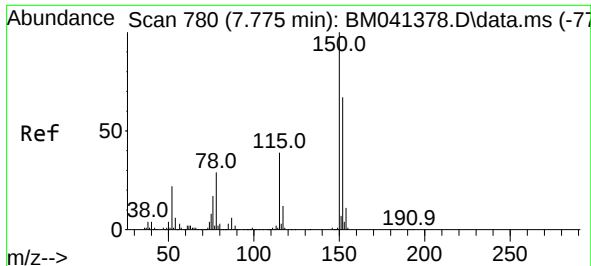
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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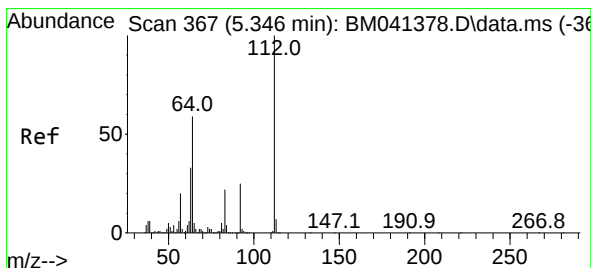
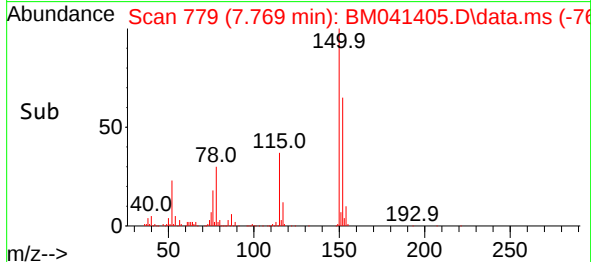
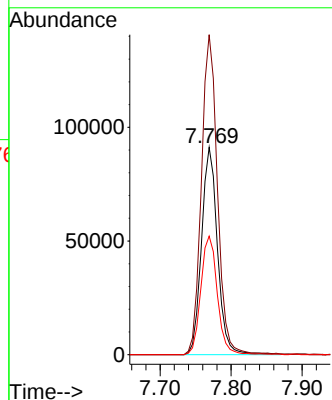
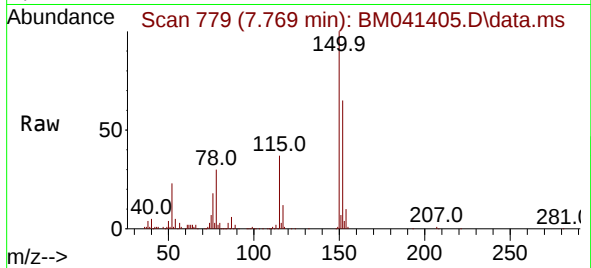




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BM041405.D
 Acq: 15 Aug 2023 14:28

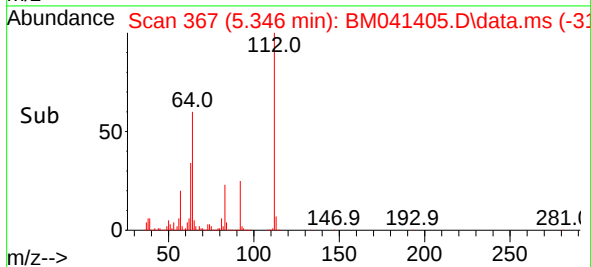
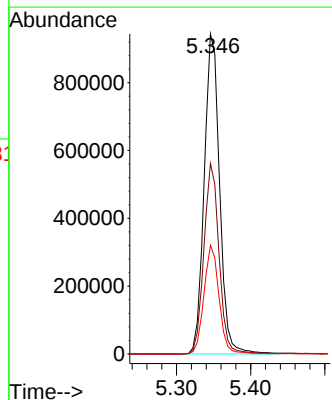
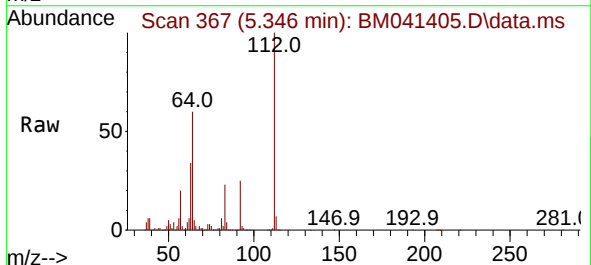
Instrument :
 BNA_M
 ClientSampleId :
 PB154832BL

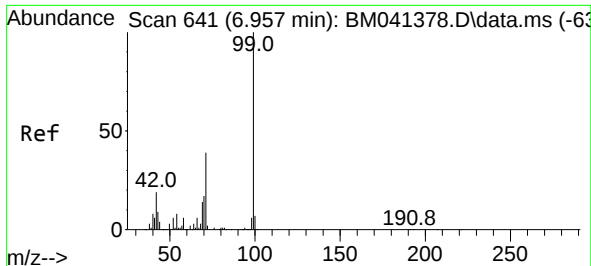
Tgt Ion:152 Resp: 143157
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.5 188.3
 115 57.2 48.0 72.0



#5
 2-Fluorophenol
 Concen: 142.508 ng
 RT: 5.346 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BM041405.D
 Acq: 15 Aug 2023 14:28

Tgt Ion:112 Resp: 1364999
 Ion Ratio Lower Upper
 112 100
 64 59.5 48.5 72.7
 63 34.0 26.5 39.7

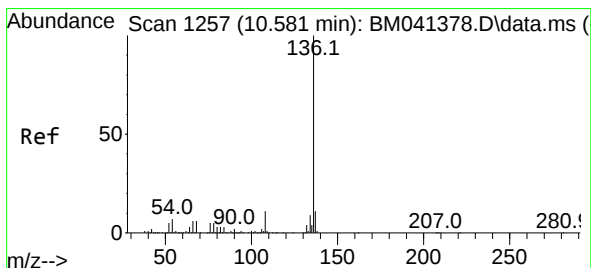
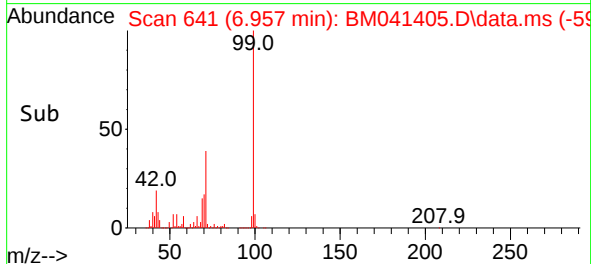
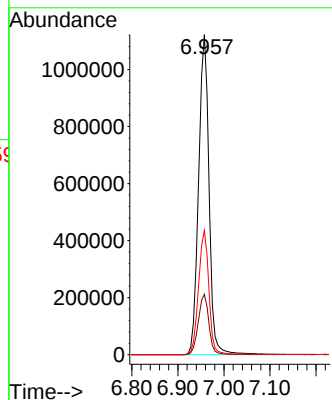
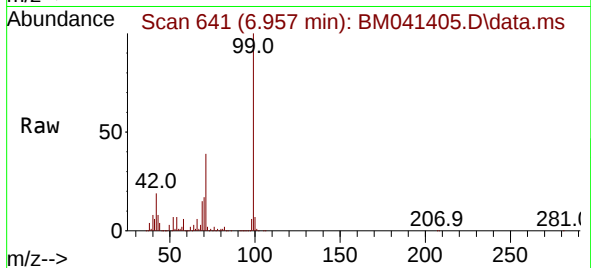




#7
Phenol-d6
Concen: 142.595 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041405.D
Acq: 15 Aug 2023 14:28

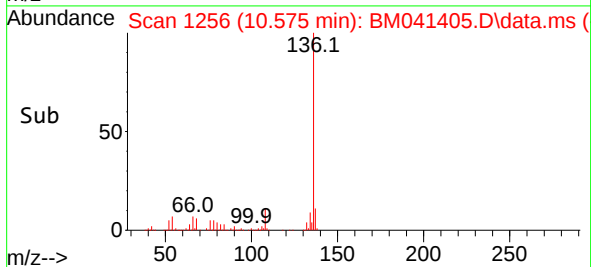
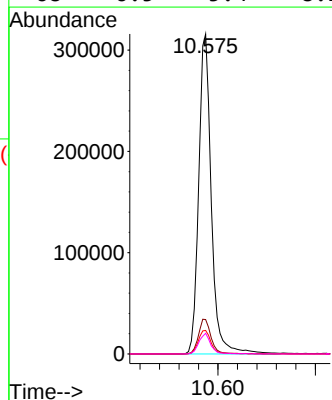
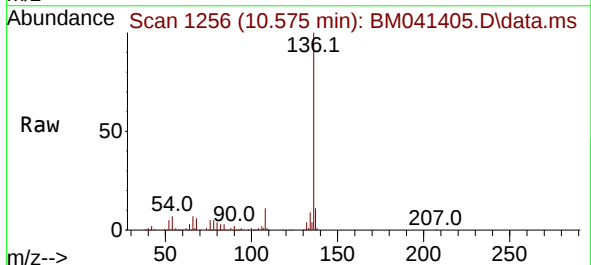
Instrument :
BNA_M
ClientSampleId :
PB154832BL

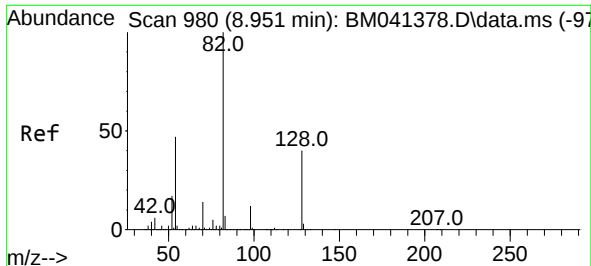
Tgt Ion: 99 Resp: 1770445
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM041405.D
Acq: 15 Aug 2023 14:28

Tgt Ion: 136 Resp: 569578
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.9 10.3
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 90.638 ng

RT: 8.945 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

Instrument :

BNA_M

ClientSampleId :

PB154832BL

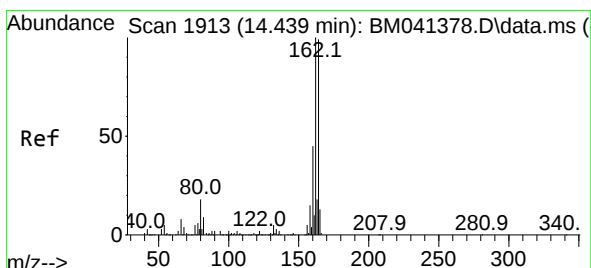
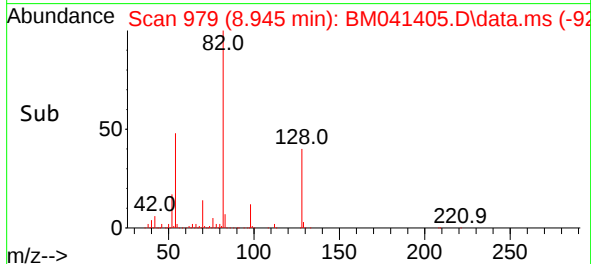
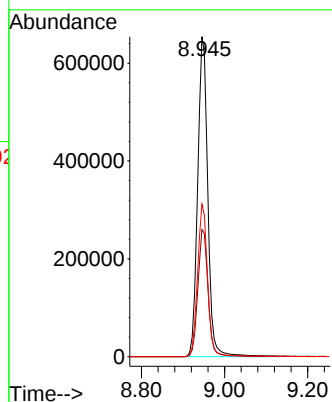
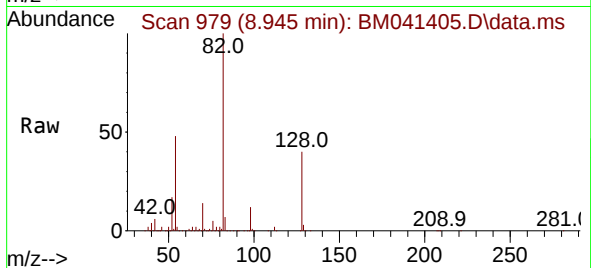
Tgt Ion: 82 Resp: 1110120

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 47.7 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

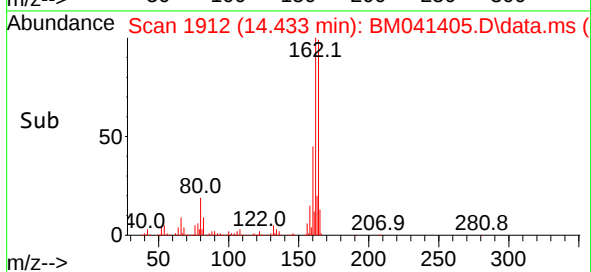
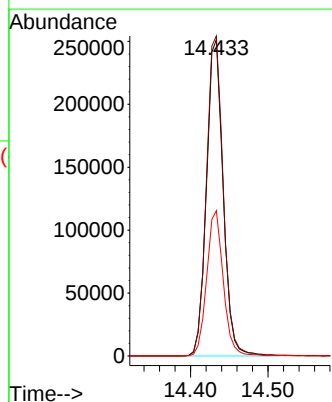
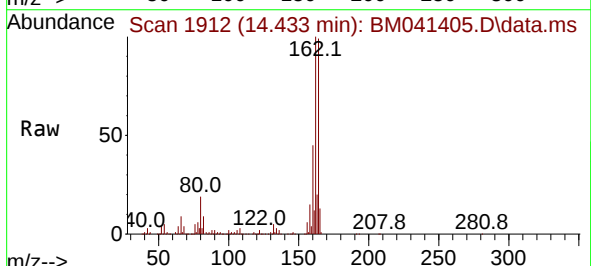
Tgt Ion: 164 Resp: 374878

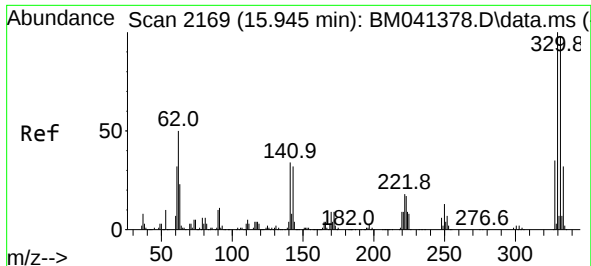
Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 45.9 36.2 54.2

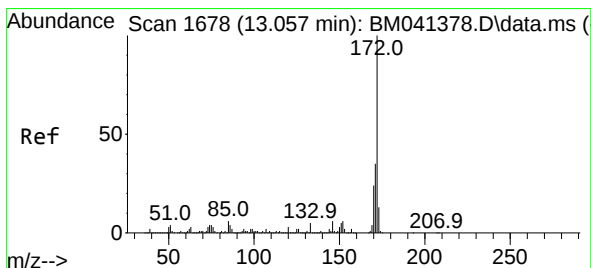
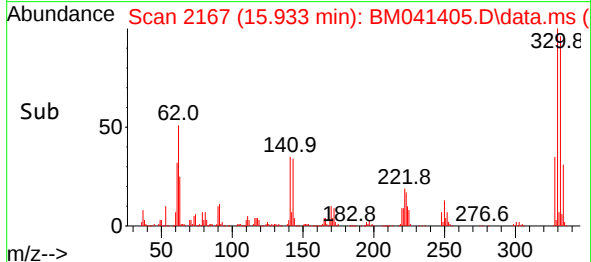
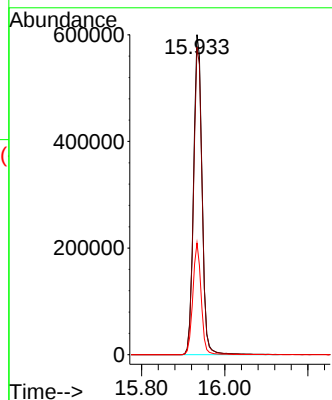
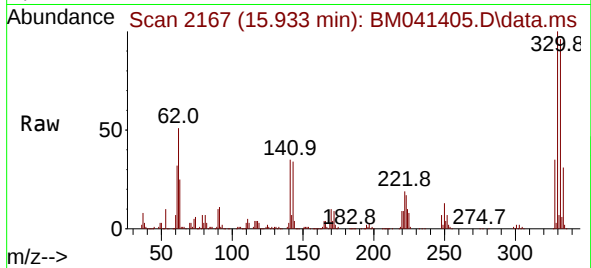




#42
2,4,6-Tribromophenol
Concen: 160.877 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM041405.D
Acq: 15 Aug 2023 14:28

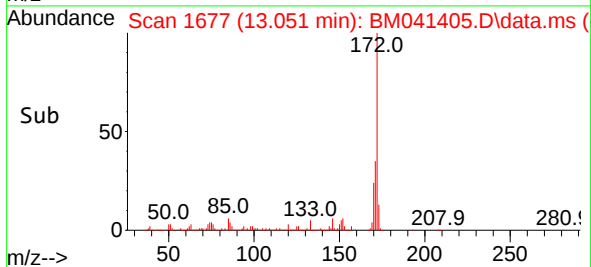
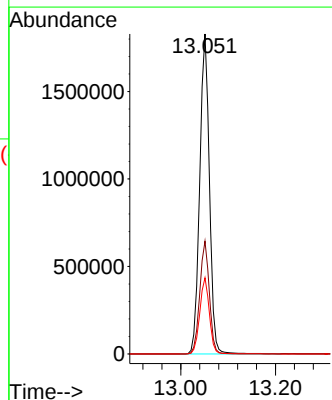
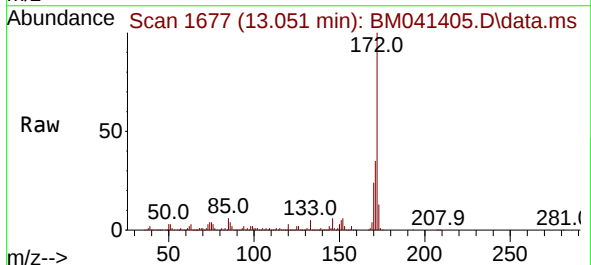
Instrument :
BNA_M
ClientSampleId :
PB154832BL

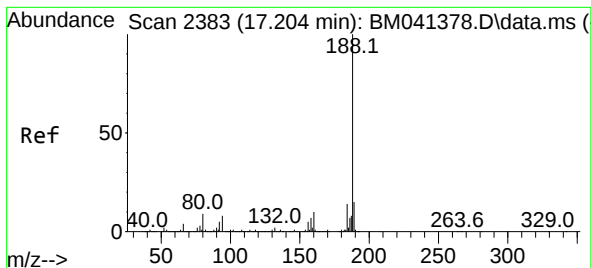
Tgt Ion:330 Resp: 853042
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 34.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 87.455 ng
RT: 13.051 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BM041405.D
Acq: 15 Aug 2023 14:28

Tgt Ion:172 Resp: 2595302
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

Instrument :

BNA_M

ClientSampleId :

PB154832BL

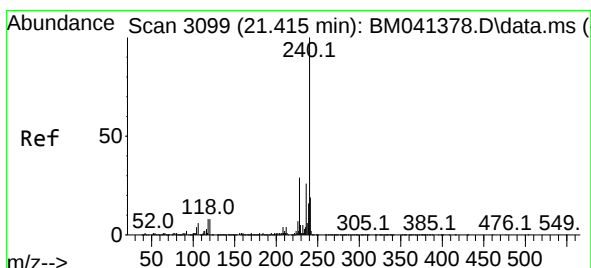
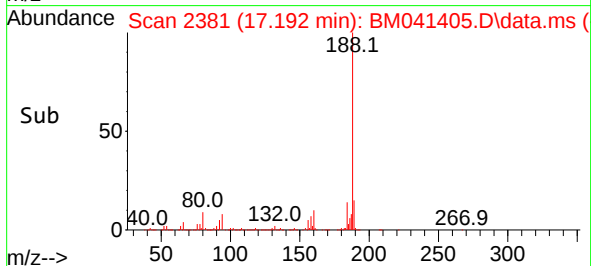
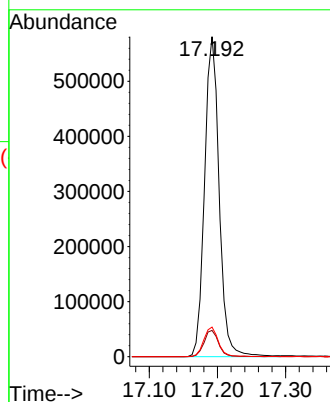
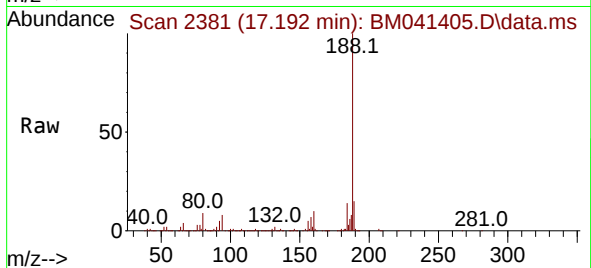
Tgt Ion:188 Resp: 866304

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.018 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

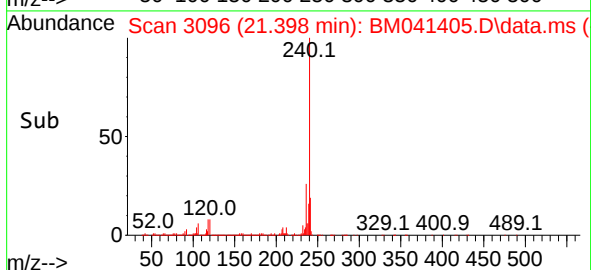
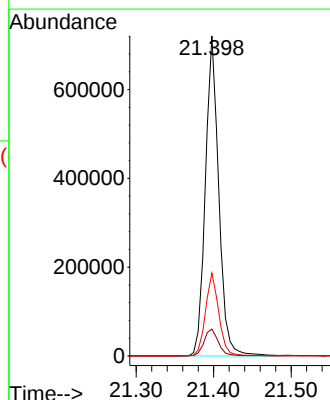
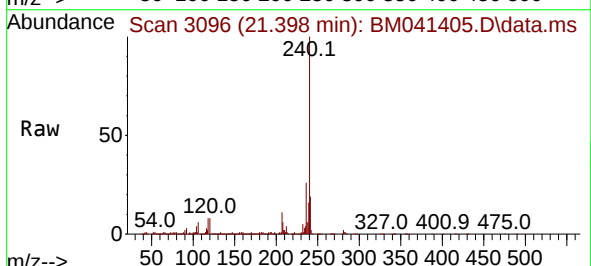
Tgt Ion:240 Resp: 867023

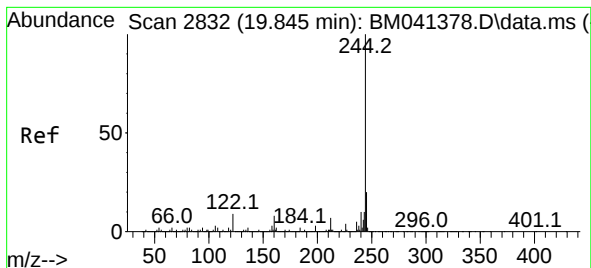
Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 100.429 ng

RT: 19.833 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

Instrument :

BNA_M

ClientSampleId :

PB154832BL

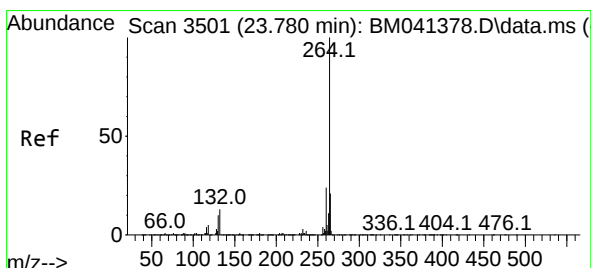
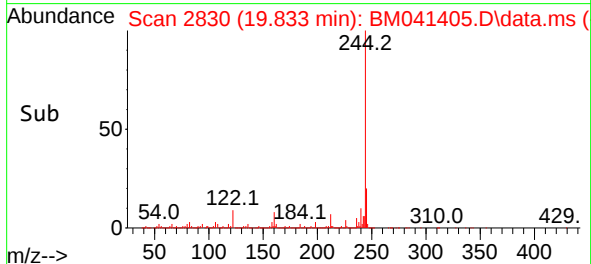
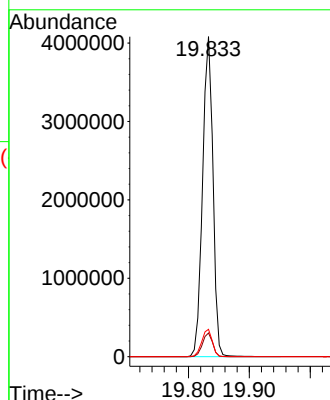
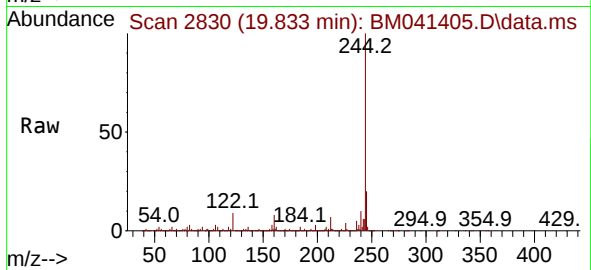
Tgt Ion:244 Resp: 4815933

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 8.5 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.762 min Scan# 3498

Delta R.T. -0.018 min

Lab File: BM041405.D

Acq: 15 Aug 2023 14:28

Tgt Ion:264 Resp: 985791

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.8 17.4 26.0

