

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040123.D
 Acq On : 07 Jun 2023 04:04
 Operator : MA/JU
 Sample : PB153204BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153204BL

Quant Time: Jun 07 04:55:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	267262	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1130980	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	609378	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1262628	20.000	ng	0.00
76) Chrysene-d12	21.544	240	993915	20.000	ng	-0.01
86) Perylene-d12	23.985	264	1018987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2783302	159.746	ng	0.00
7) Phenol-d6	7.151	99	3507706	154.333	ng	0.00
23) Nitrobenzene-d5	9.163	82	1834451	87.523	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1243667	157.242	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4366211	84.511	ng	0.00
79) Terphenyl-d14	19.992	244	7861673	122.815	ng	0.00

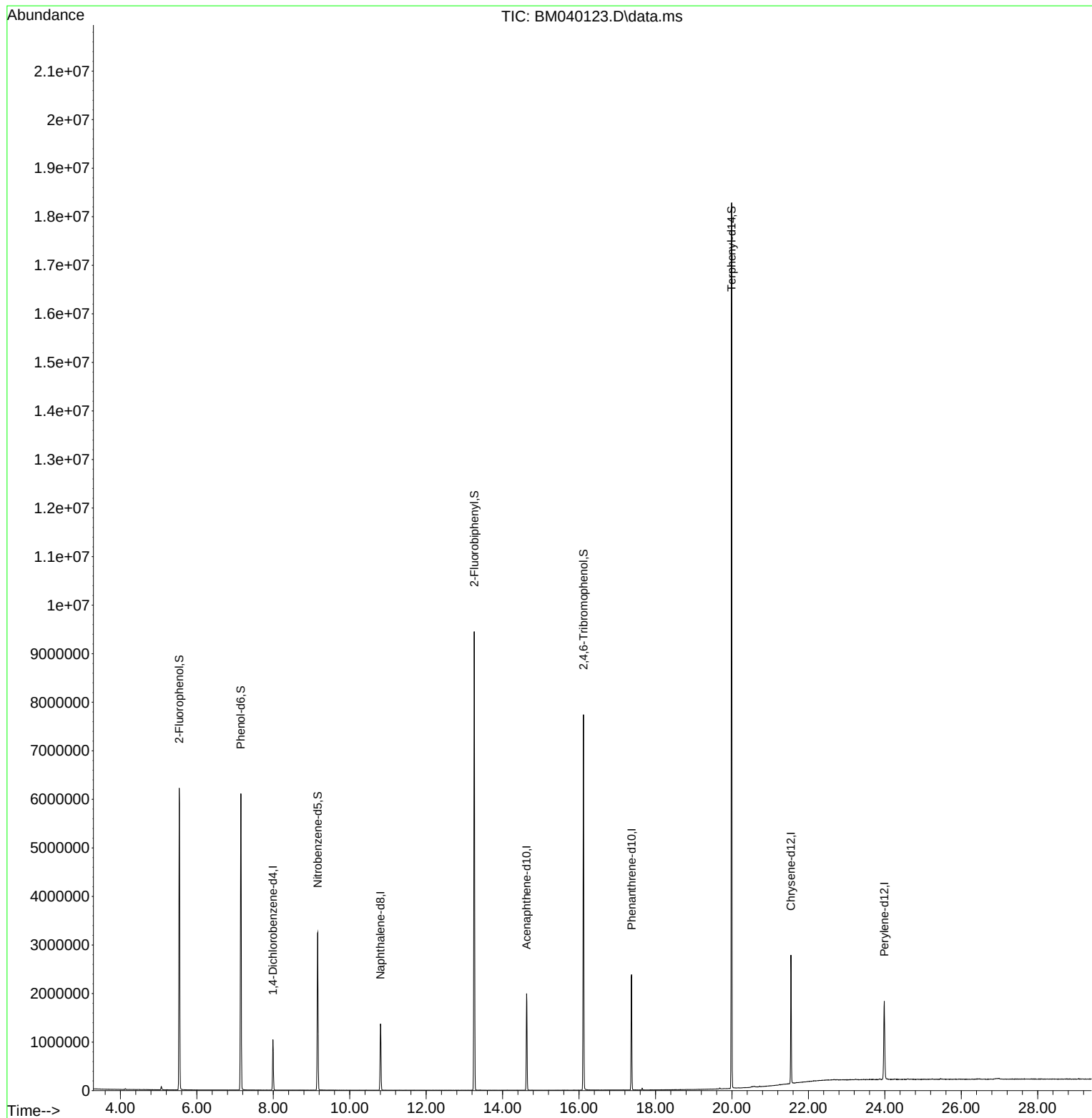
Target Compounds	Qvalue

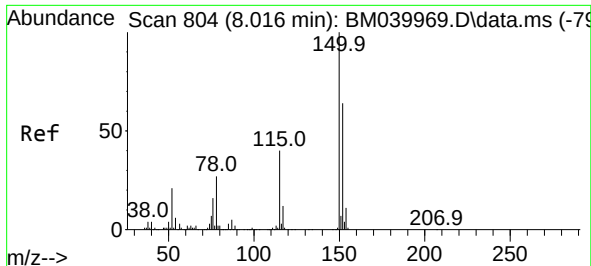
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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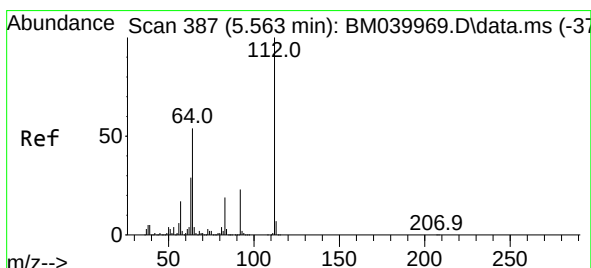
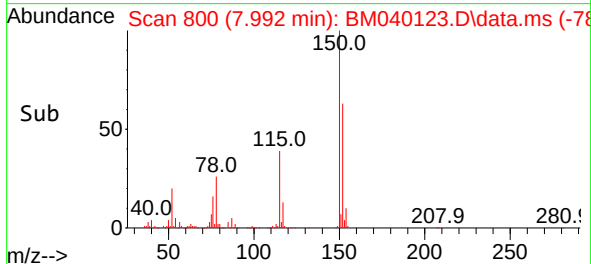
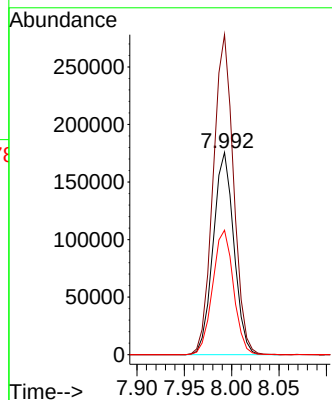
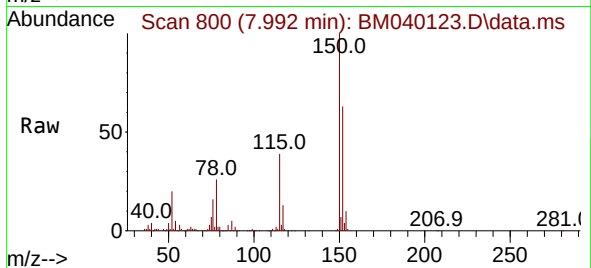




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

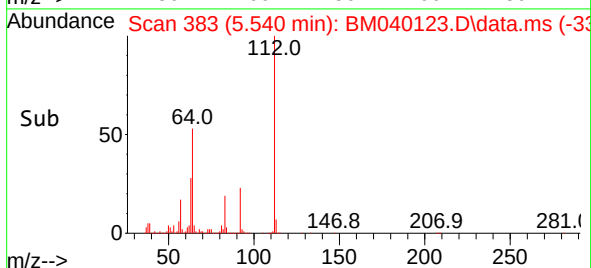
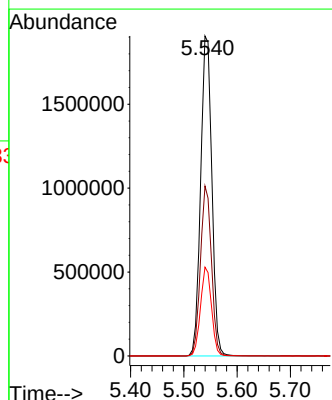
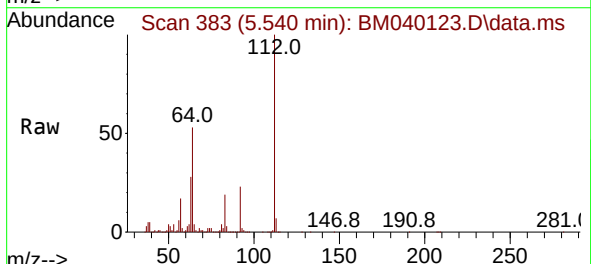
Instrument :
BNA_M
ClientSampleId :
PB153204BL

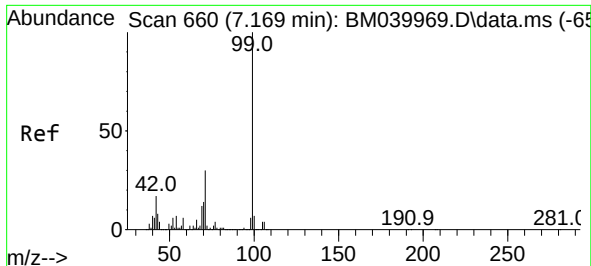
Tgt Ion:152 Resp: 267262
Ion Ratio Lower Upper
152 100
150 158.3 125.5 188.3
115 61.5 50.2 75.2



#5
2-Fluorophenol
Concen: 159.746 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

Tgt Ion:112 Resp: 2783302
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 27.8 22.9 34.3



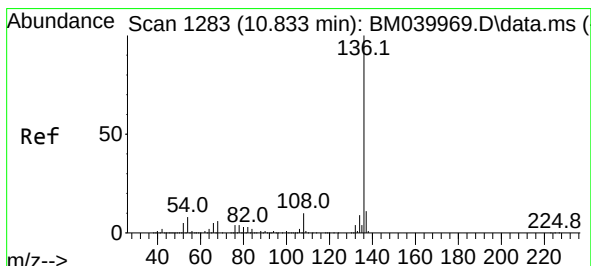
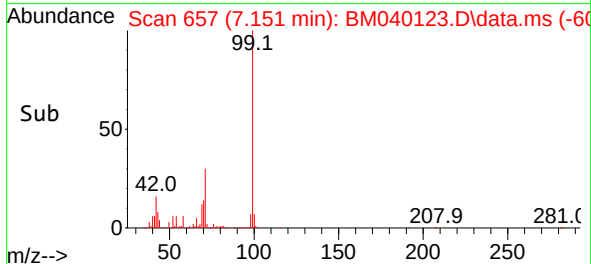
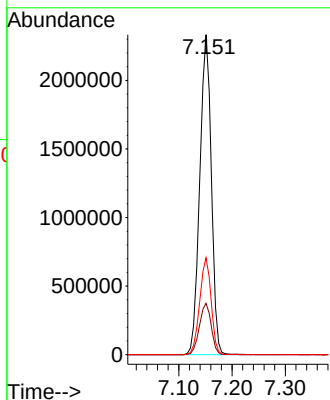
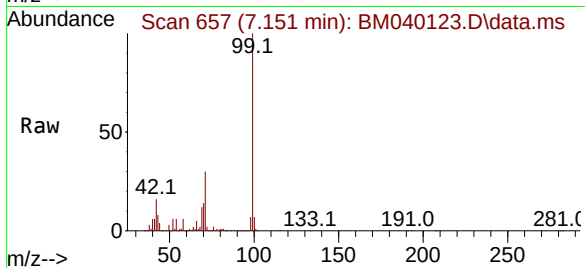


#7
Phenol-d6
Concen: 154.333 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

Instrument :
BNA_M
ClientSampleId :
PB153204BL

Tgt Ion: 99 Resp: 3507706

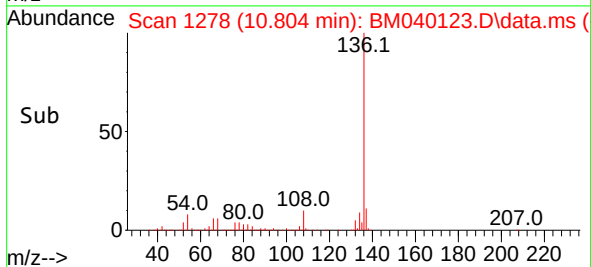
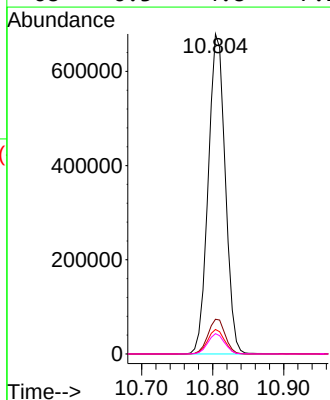
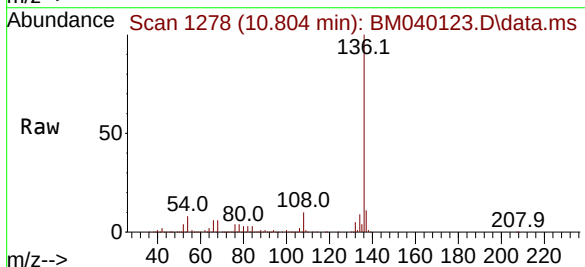
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	30.3	24.4	36.6

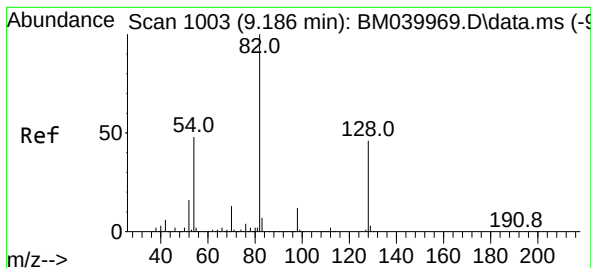


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

Tgt Ion: 136 Resp: 1130980

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.1	9.1
68	6.3	4.8	7.2

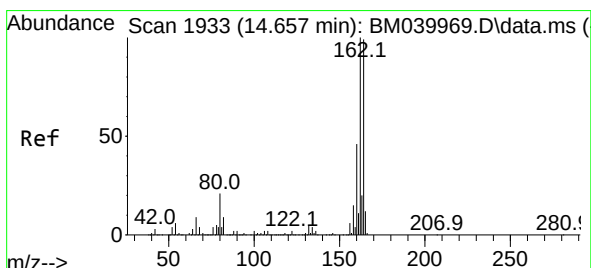
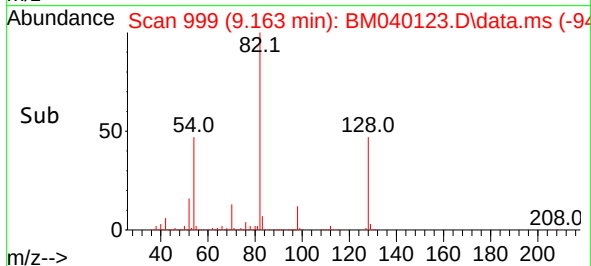
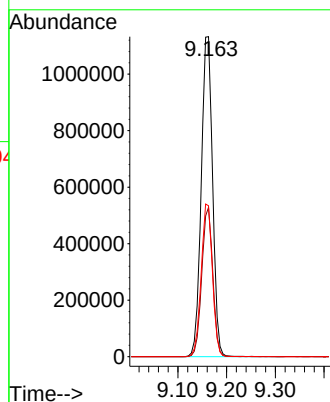
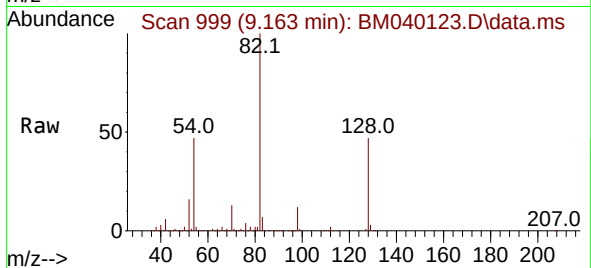




#23
Nitrobenzene-d5
Concen: 87.523 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

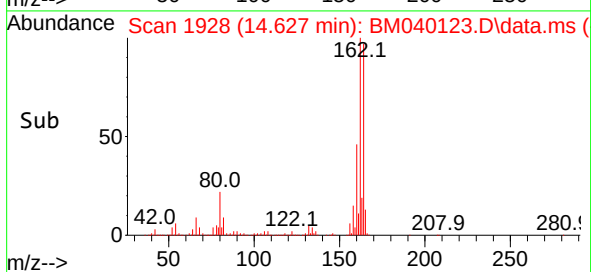
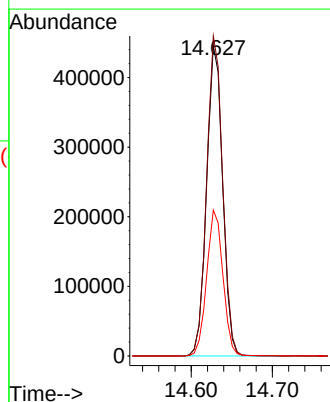
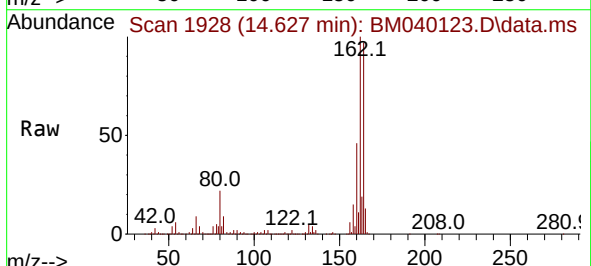
Instrument :
BNA_M
ClientSampleId :
PB153204BL

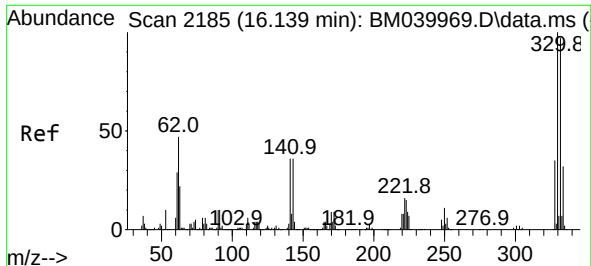
Tgt Ion: 82 Resp: 1834451
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 47.2 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040123.D
Acq: 07 Jun 2023 04:04

Tgt Ion:164 Resp: 609378
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 47.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 157.242 ng

RT: 16.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

Instrument :

BNA_M

ClientSampleId :

PB153204BL

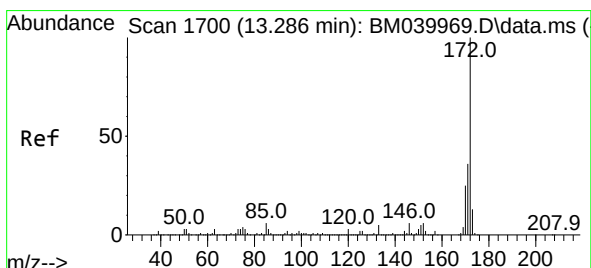
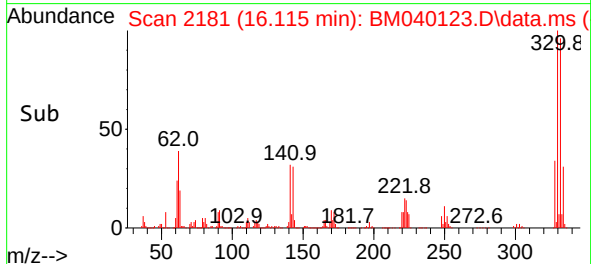
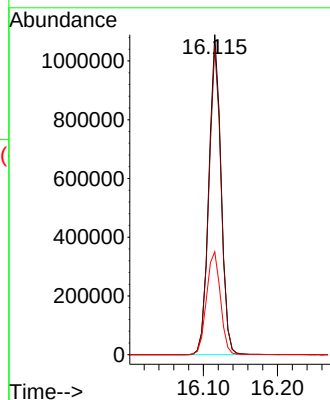
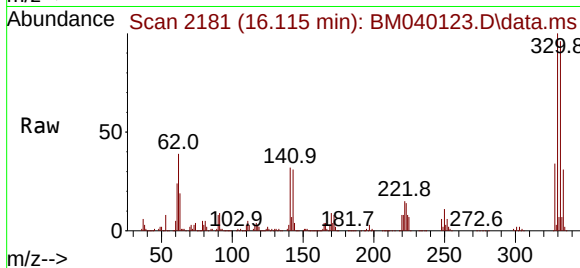
Tgt Ion:330 Resp: 1243667

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 36.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 84.511 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

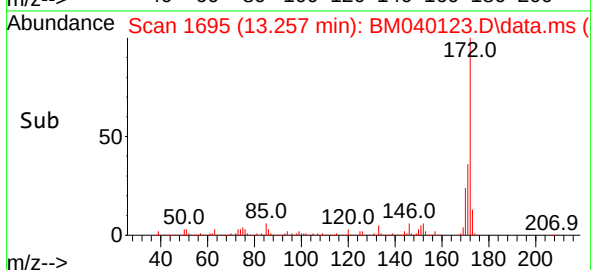
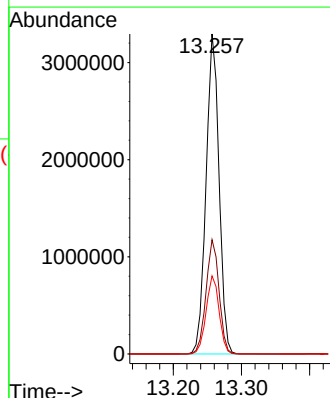
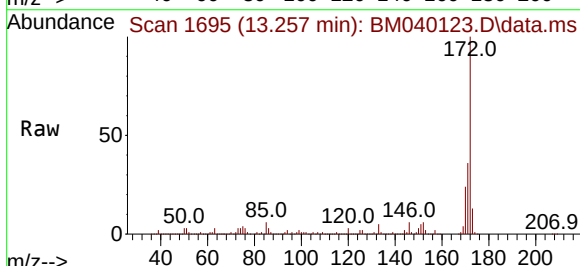
Tgt Ion:172 Resp: 4366211

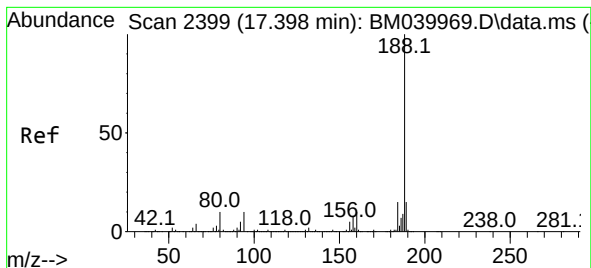
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

Instrument :

BNA_M

ClientSampleId :

PB153204BL

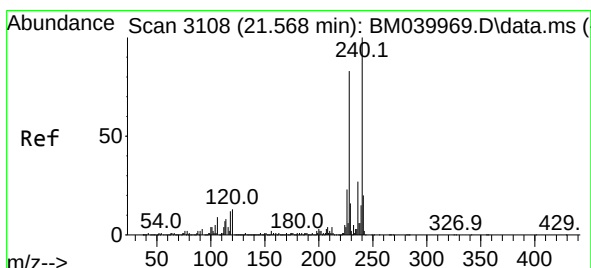
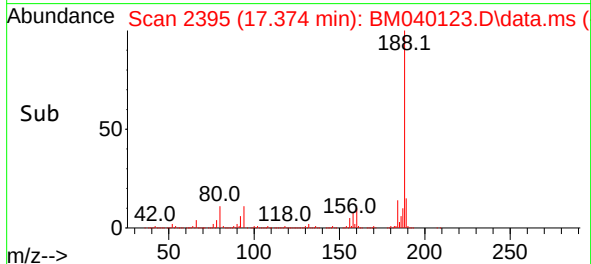
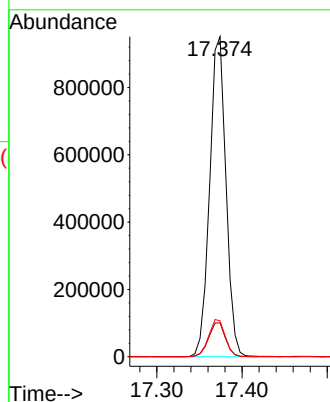
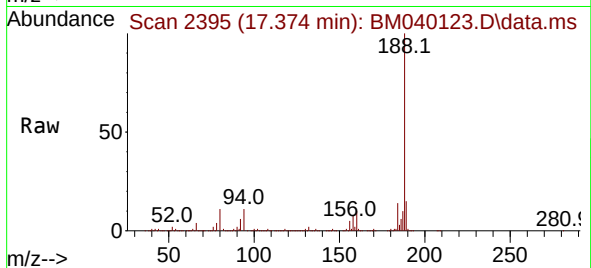
Tgt Ion:188 Resp: 1262628

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

80 11.2 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

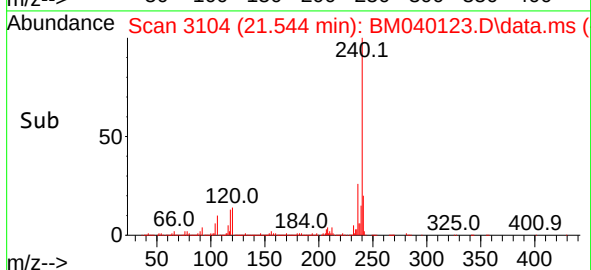
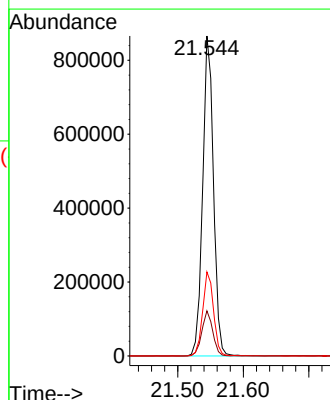
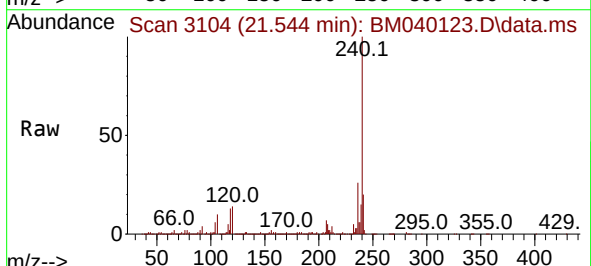
Tgt Ion:240 Resp: 993915

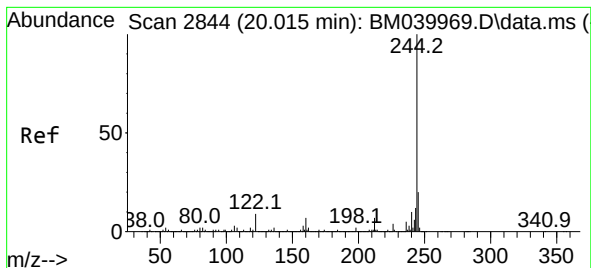
Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 122.815 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

Instrument :

BNA_M

ClientSampleId :

PB153204BL

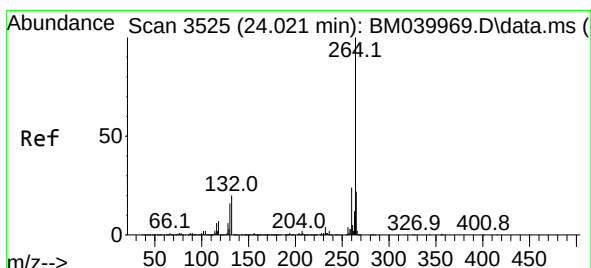
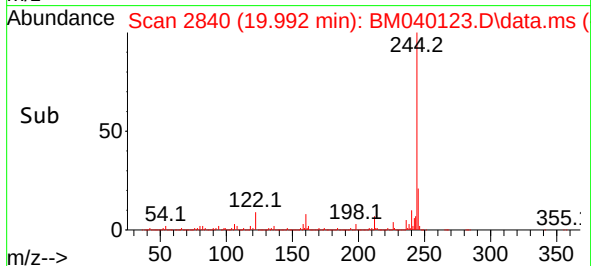
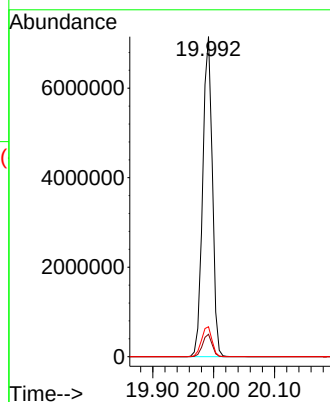
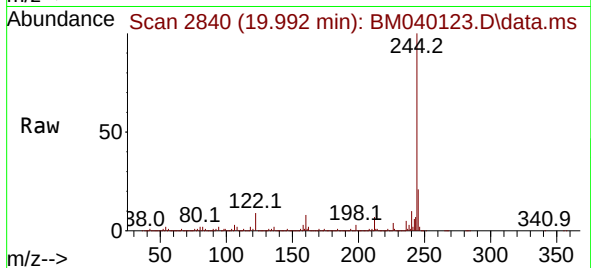
Tgt Ion:244 Resp: 7861673

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 9.3 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.985 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM040123.D

Acq: 07 Jun 2023 04:04

Tgt Ion:264 Resp: 1018987

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.0 17.7 26.5

