

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014093.D
 Acq On : 14 Mar 2023 21:09
 Operator : CG/JU
 Sample : 01905-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MAPLE-2

Quant Time: Mar 15 04:36:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

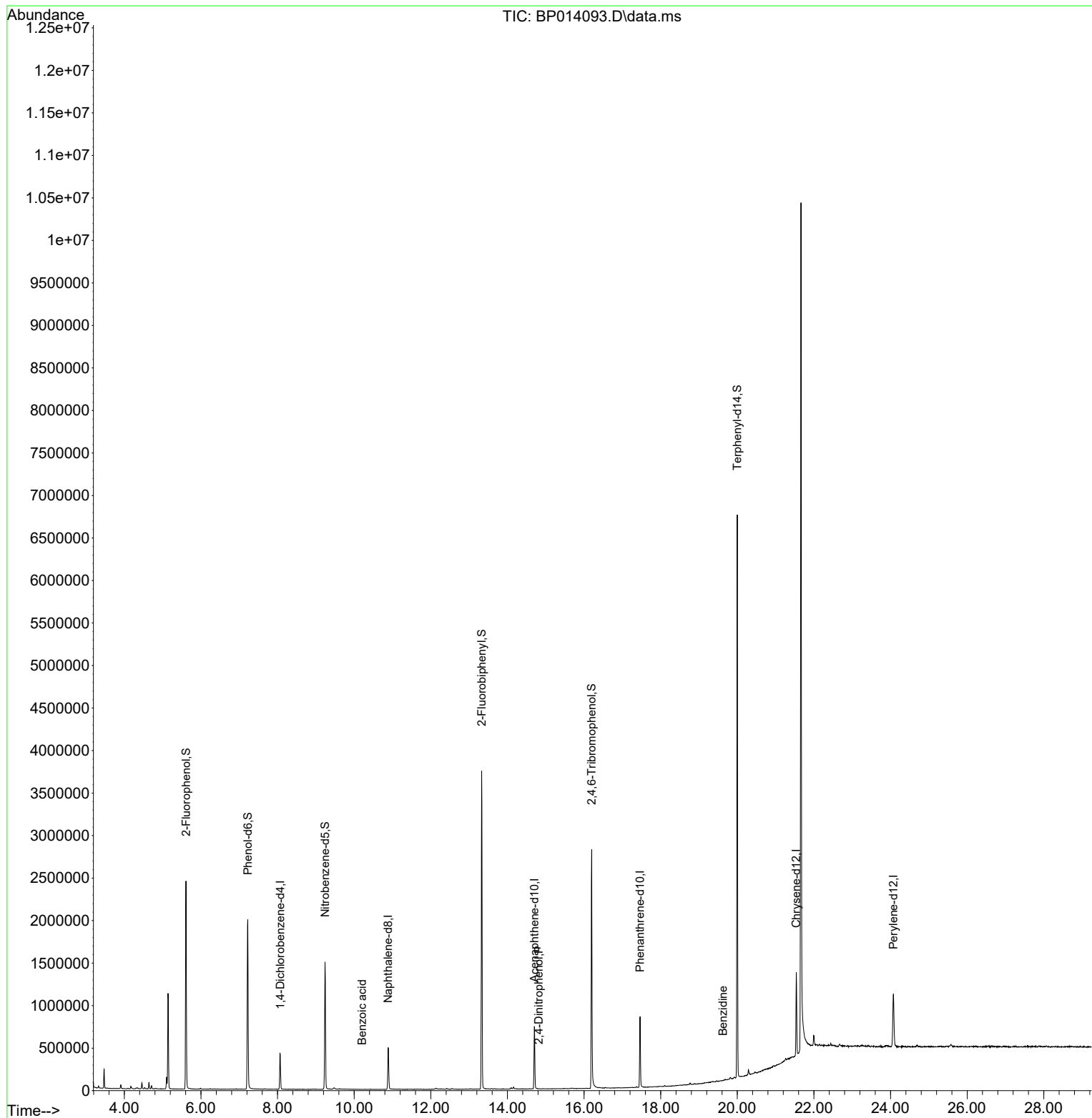
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	108931	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	396656	20.000	ng	#-0.01
39) Acenaphthene-d10	14.704	164	237156	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	508273	20.000	ng	0.00
76) Chrysene-d12	21.539	240	488768	20.000	ng	0.00
86) Perylene-d12	24.074	264	512559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	952483	141.804	ng	0.00
7) Phenol-d6	7.222	99	1114300	126.355	ng	0.00
23) Nitrobenzene-d5	9.239	82	869102	100.144	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	533202	138.669	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	1808644	98.806	ng	-0.01
79) Terphenyl-d14	19.998	244	2971827	100.260	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.204	122	26	2.706	ng	# 1
54) 2,4-Dinitrophenol	14.816	184	34	3.089	ng	# 1
77) Benzidine	19.627	184	36	2.838	ng	# 1

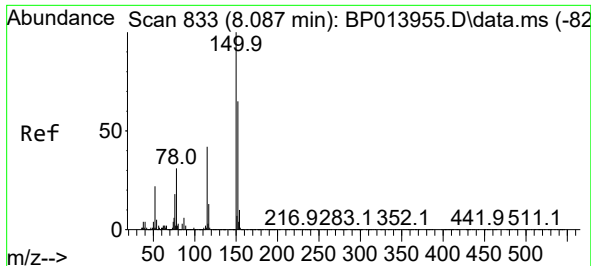
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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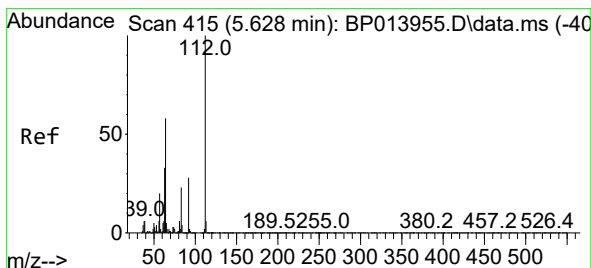
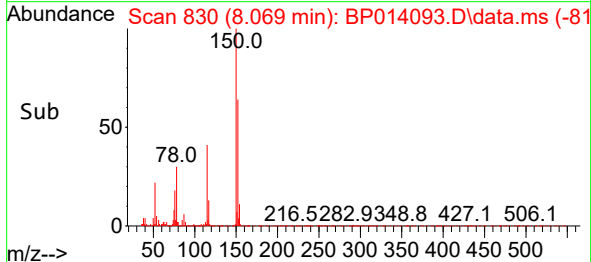
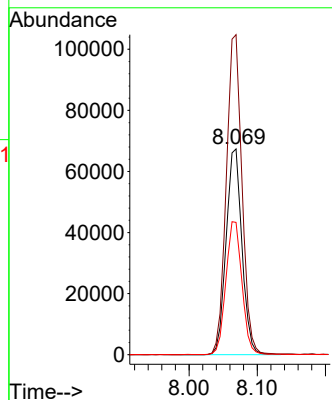
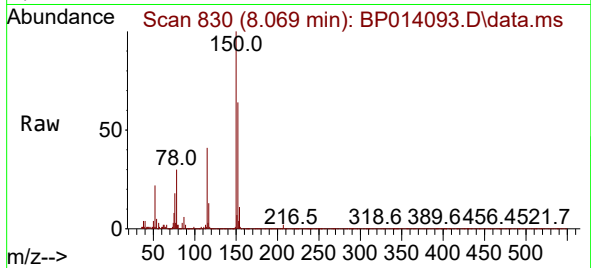




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

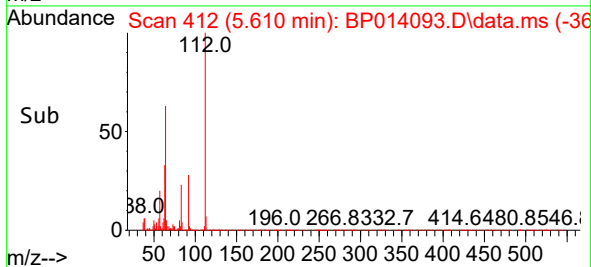
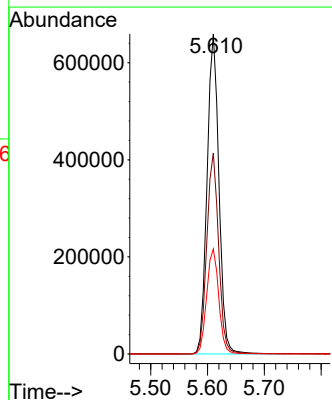
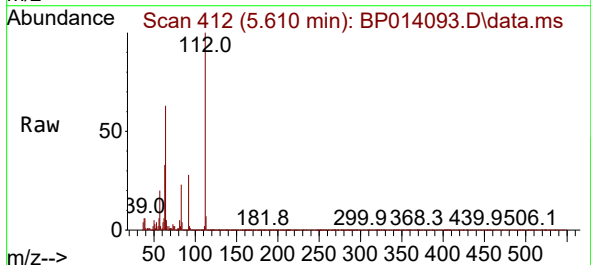
Instrument :
BNA_P
ClientSampleId :
MAPLE-2

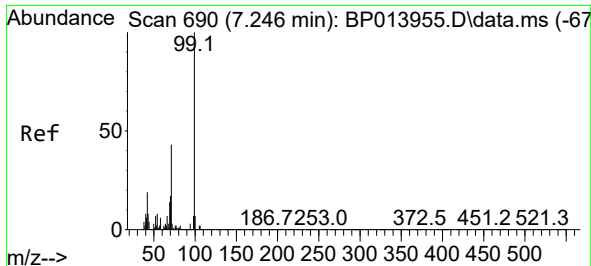
Tgt Ion:152 Resp: 108931
Ion Ratio Lower Upper
152 100
150 155.6 122.3 183.5
115 64.3 51.6 77.4



#5
2-Fluorophenol
Concen: 141.804 ng
RT: 5.610 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

Tgt Ion:112 Resp: 952483
Ion Ratio Lower Upper
112 100
64 62.8 46.7 70.1
63 32.8 26.6 40.0

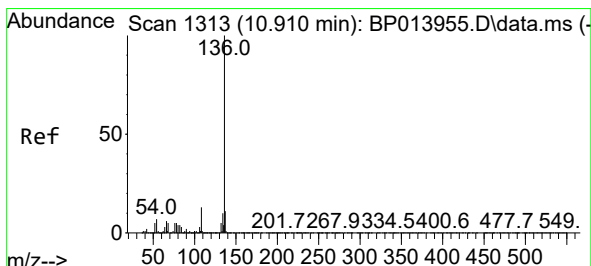
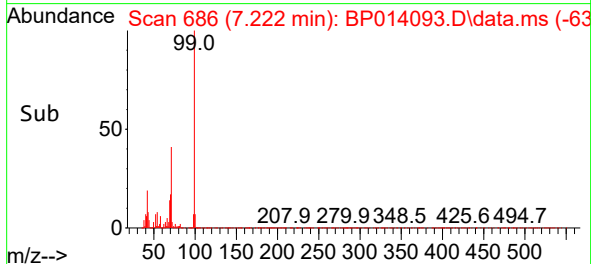
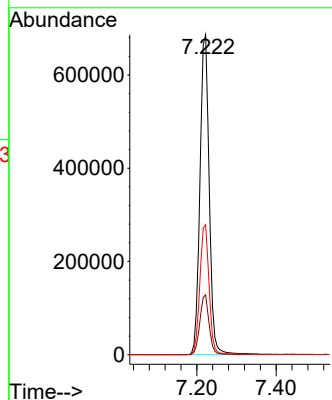
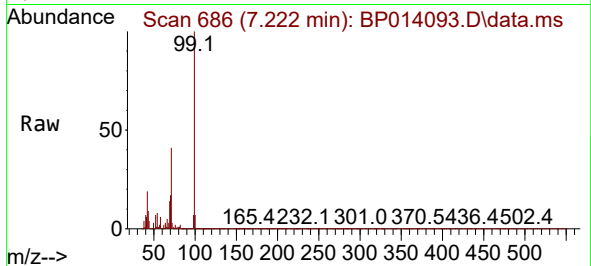




#7
Phenol-d6
Concen: 126.355 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

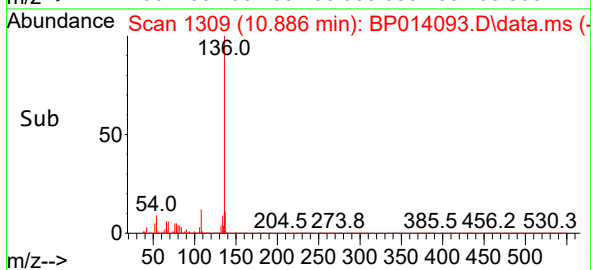
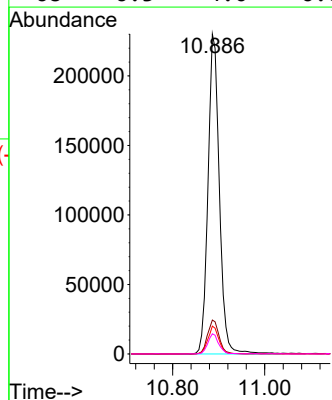
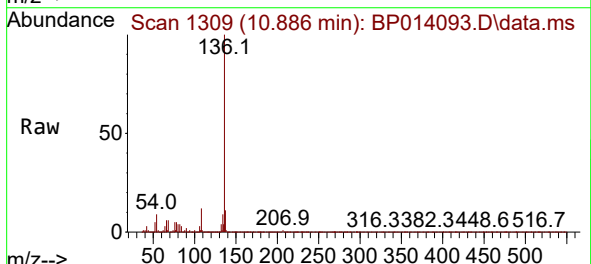
Instrument :
BNA_P
ClientSampleId :
MAPLE-2

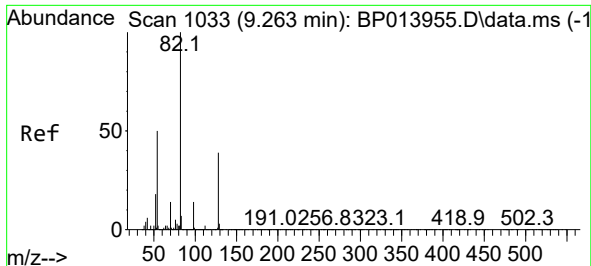
Tgt Ion: 99 Resp: 1114300
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 40.6 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

Tgt Ion: 136 Resp: 396656
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.7 5.8 8.8
68 6.3 4.0 6.0#

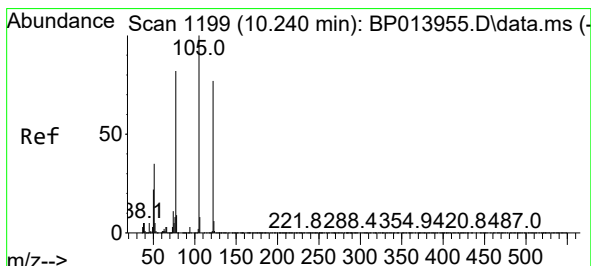
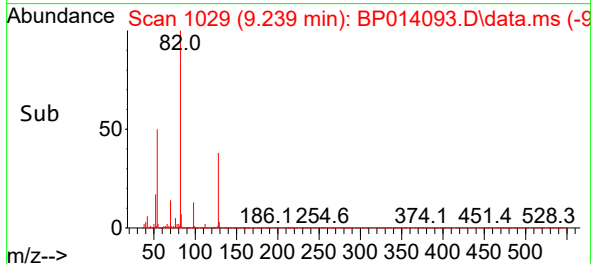
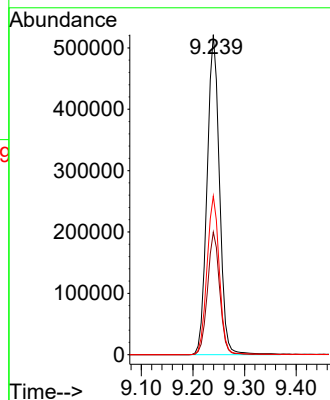
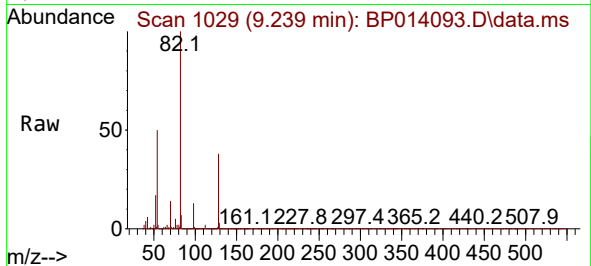




#23
Nitrobenzene-d5
Concen: 100.144 ng
RT: 9.239 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

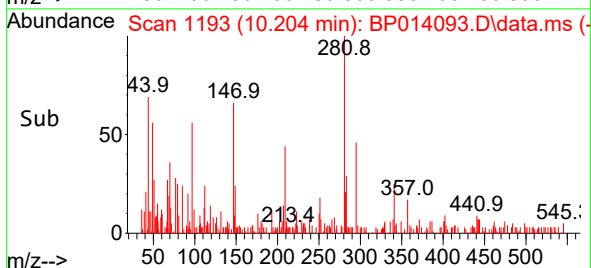
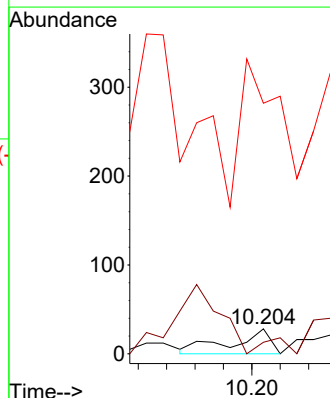
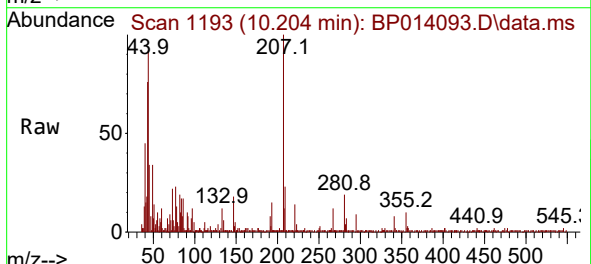
Instrument :
BNA_P
ClientSampleId :
MAPLE-2

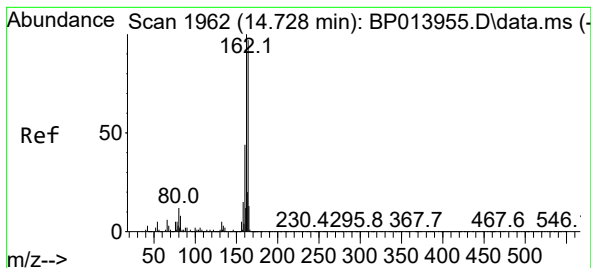
Tgt Ion: 82 Resp: 869102
Ion Ratio Lower Upper
82 100
128 38.3 31.1 46.7
54 49.6 40.0 60.0



#32
Benzoic acid
Concen: 2.706 ng
RT: 10.204 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

Tgt Ion:122 Resp: 26
Ion Ratio Lower Upper
122 100
105 125.0 108.2 148.2
77 1007.1 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

Instrument :

BNA_P

ClientSampleId :

MAPLE-2

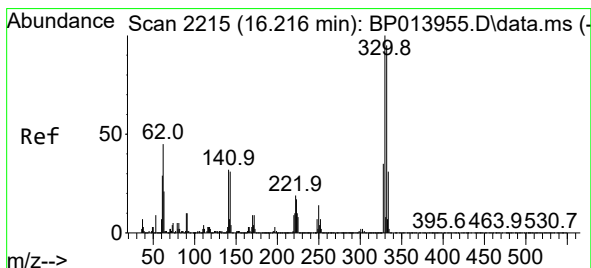
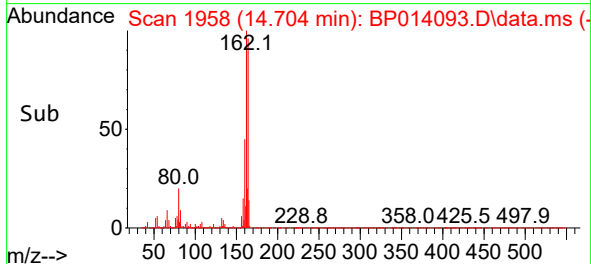
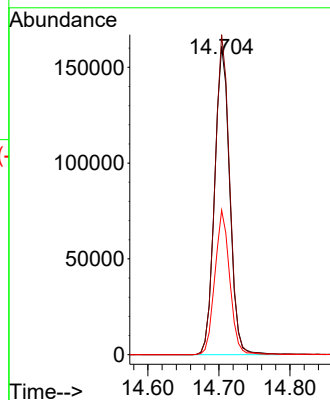
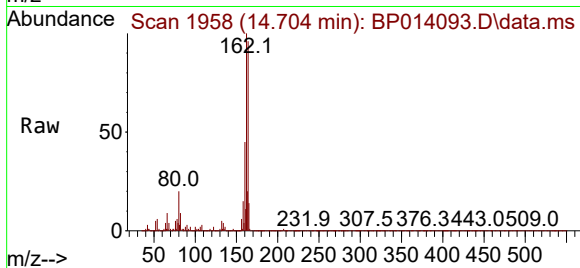
Tgt Ion:164 Resp: 237156

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

160 46.9 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 138.669 ng

RT: 16.198 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

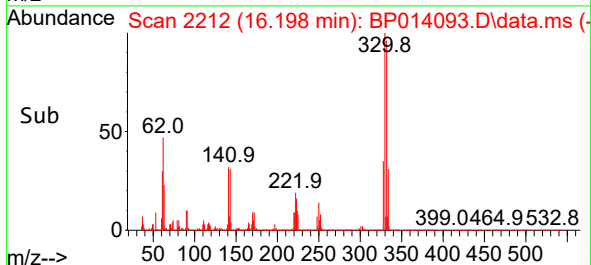
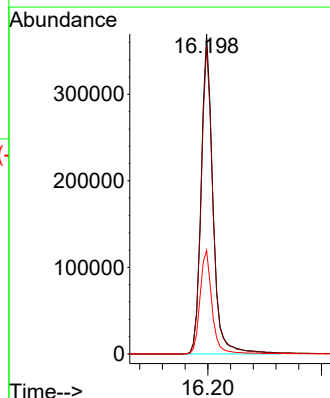
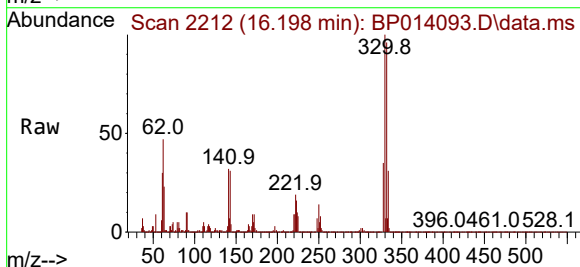
Tgt Ion:330 Resp: 533202

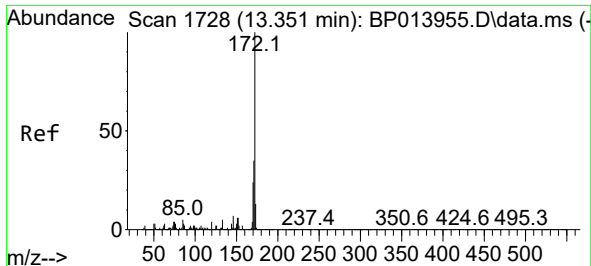
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 33.2 25.6 38.4

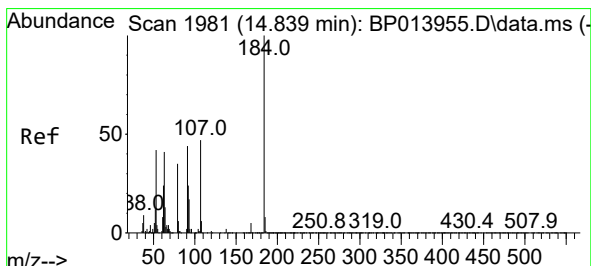
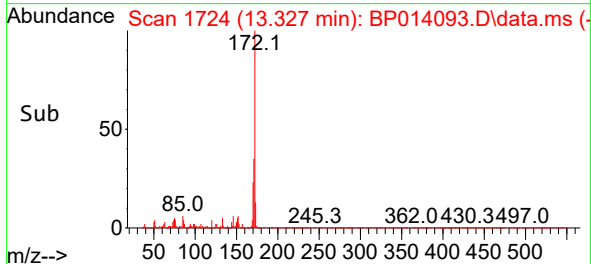
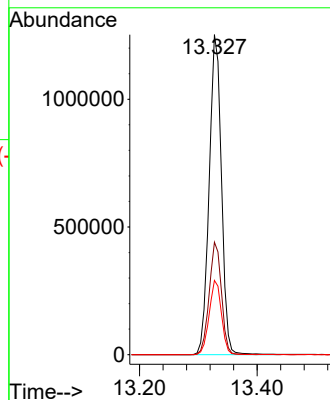
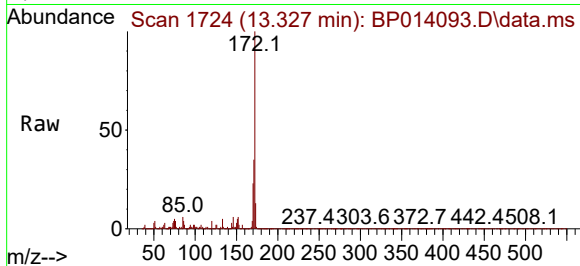




#45
2-Fluorobiphenyl
Concen: 98.806 ng
RT: 13.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

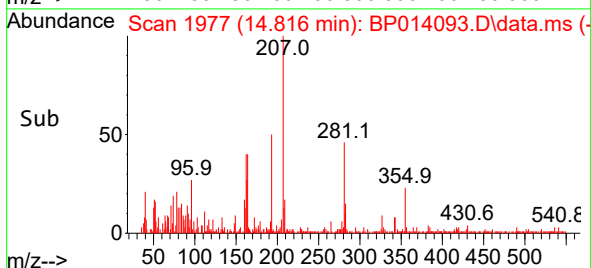
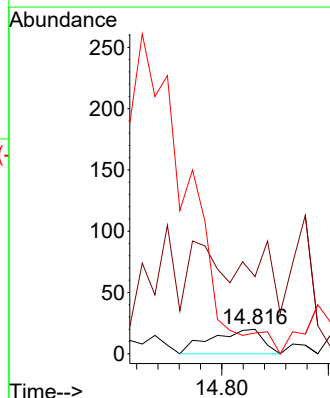
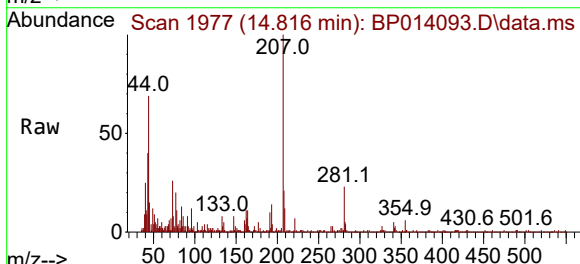
Instrument :
BNA_P
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MAPLE-2

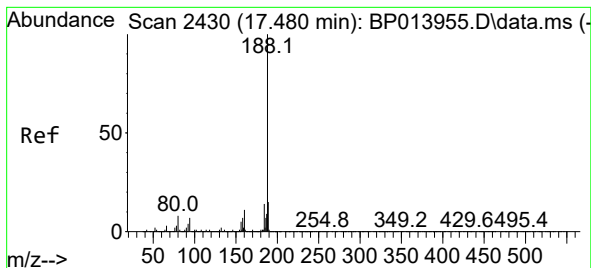
Tgt Ion:172 Resp: 1808644
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 3.089 ng
RT: 14.816 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BP014093.D
Acq: 14 Mar 2023 21:09

Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 315.0 52.4 78.6#
154 85.0 59.4 89.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

Instrument :

BNA_P

ClientSampleId :

MAPLE-2

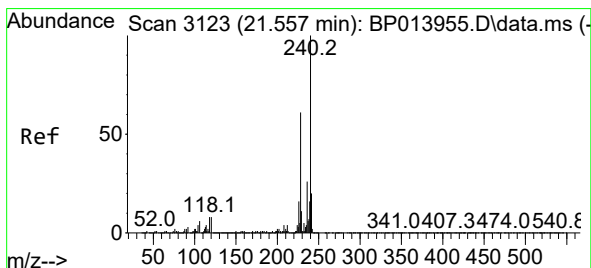
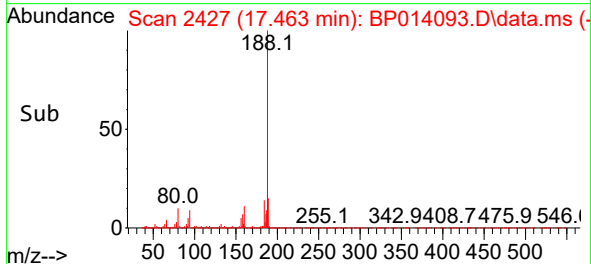
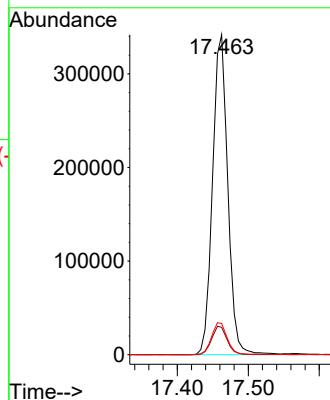
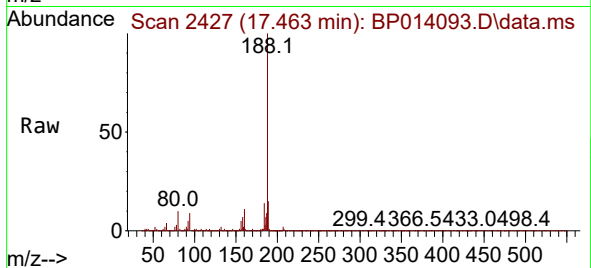
Tgt Ion:188 Resp: 508273

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

80 9.8 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

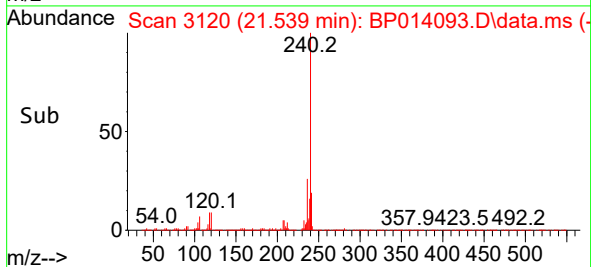
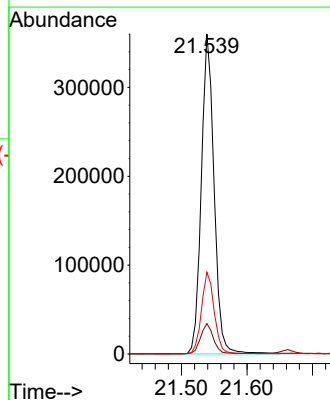
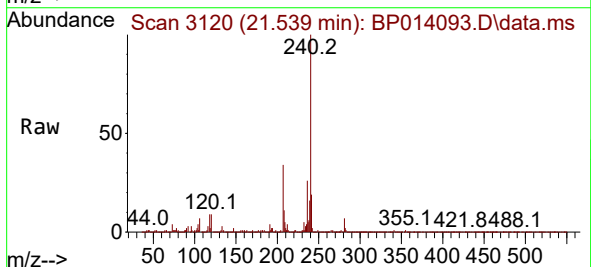
Tgt Ion:240 Resp: 488768

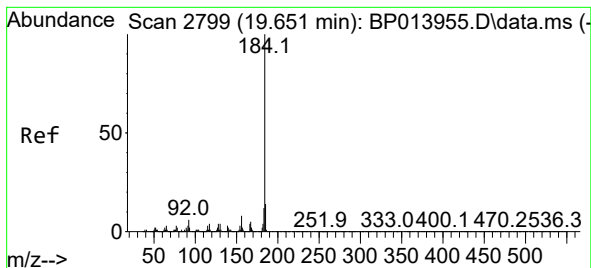
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 25.6 21.2 31.8





#77

Benzidine

Concen: 2.838 ng

RT: 19.627 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

Instrument :

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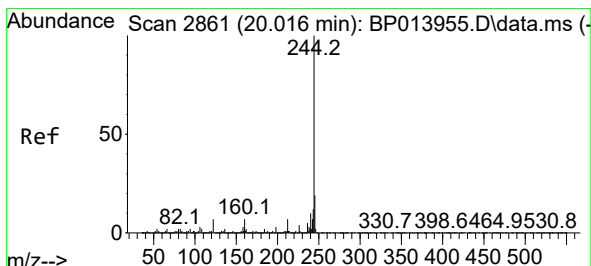
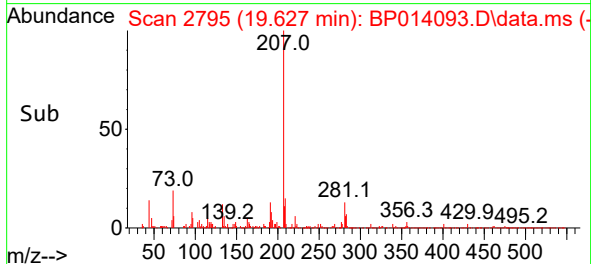
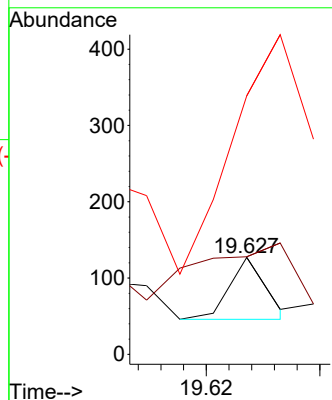
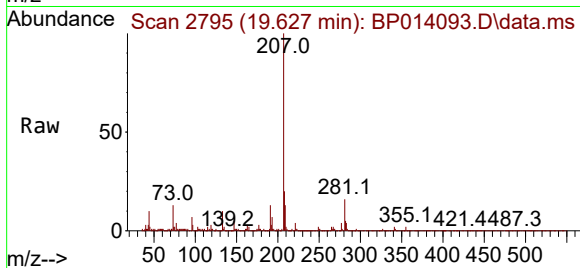
Tgt Ion:184 Resp: 36

Ion Ratio Lower Upper

184 100

185 100.8 11.6 17.4#

183 309.4 9.7 14.5#



#79

Terphenyl-d14

Concen: 100.260 ng

RT: 19.998 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BP014093.D

Acq: 14 Mar 2023 21:09

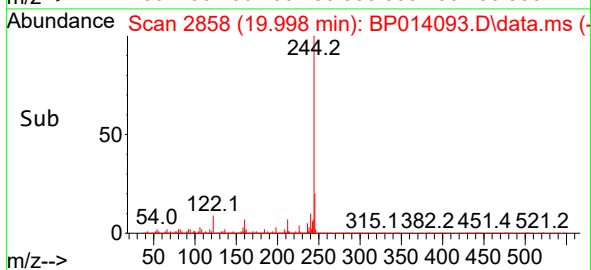
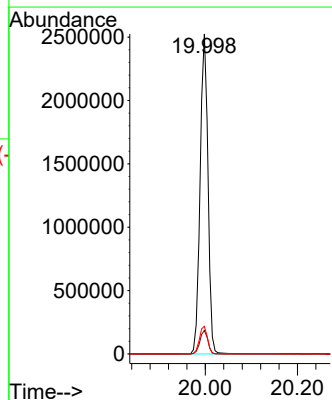
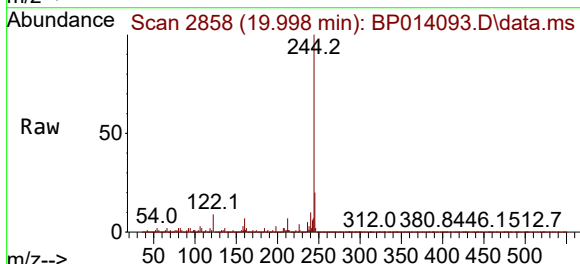
Tgt Ion:244 Resp: 2971827

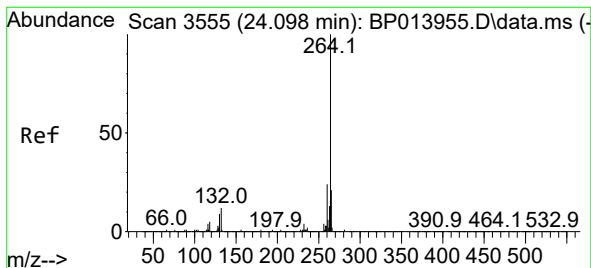
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.7 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.074 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014093.D

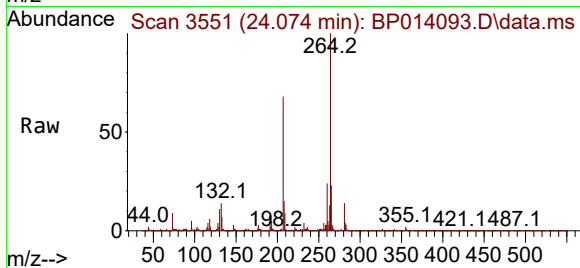
Acq: 14 Mar 2023 21:09

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ClientSampleId :

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Tgt Ion:264 Resp: 512559

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.5 17.8 26.8

