

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014092.D
 Acq On : 14 Mar 2023 20:34
 Operator : CG/JU
 Sample : 01905-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MAPLE-1

Quant Time: Mar 15 04:36:36 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)

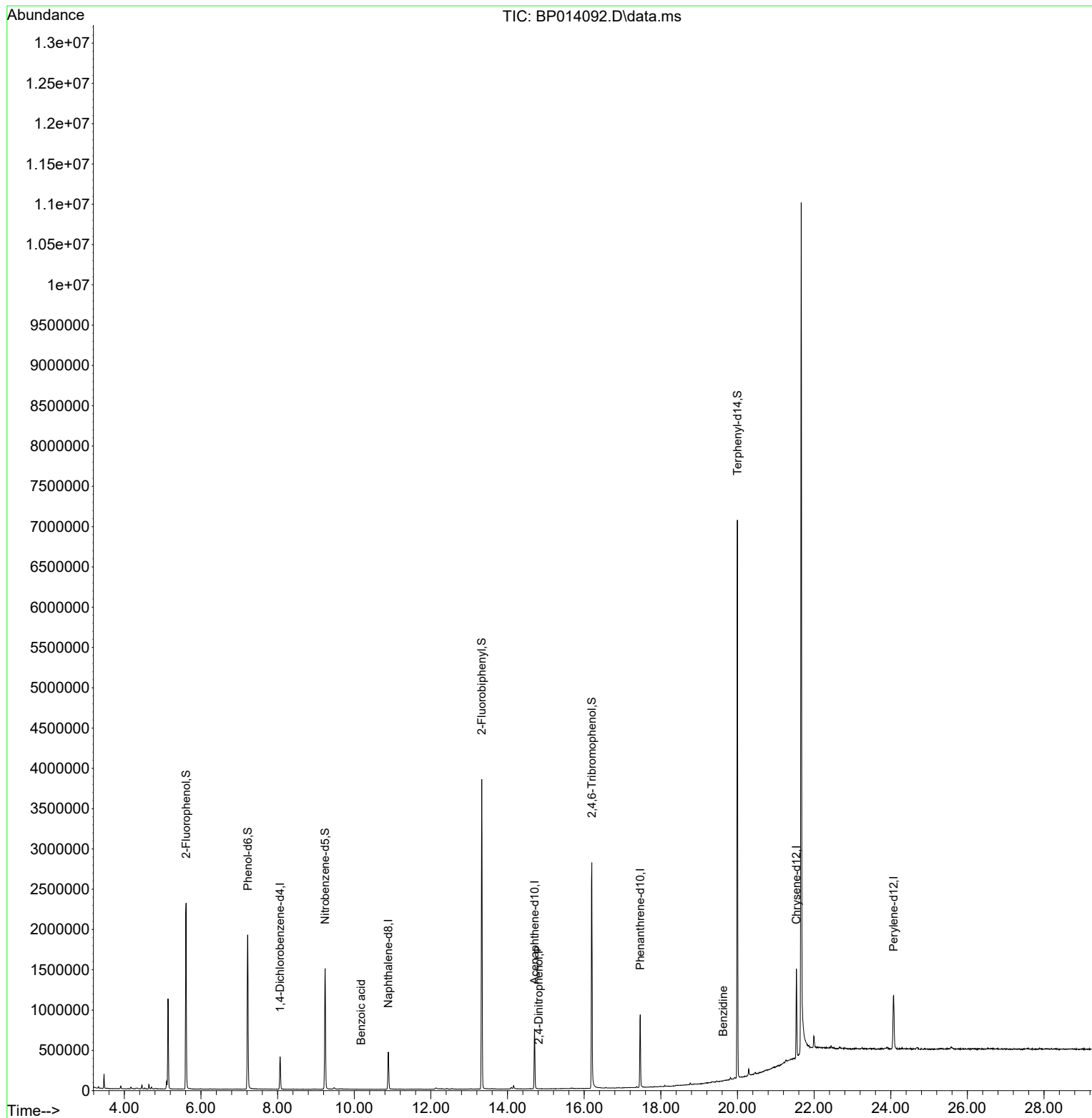
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	107288	20.000	ng	-0.01
21) Naphthalene-d8	10.887	136	389902	20.000	ng	#-0.01
39) Acenaphthene-d10	14.704	164	238508	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	526081	20.000	ng	0.00
76) Chrysene-d12	21.539	240	531402	20.000	ng	0.00
86) Perylene-d12	24.074	264	560785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	929674	140.528	ng	0.00
7) Phenol-d6	7.222	99	1091340	125.647	ng	0.00
23) Nitrobenzene-d5	9.240	82	866671	101.594	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	552947	142.989	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1823566	99.056	ng	-0.01
79) Terphenyl-d14	19.998	244	3195220	99.148	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.181	122	17	2.704	ng	# 1
54) 2,4-Dinitrophenol	14.816	184	17	3.084	ng	# 1
77) Benzidine	19.627	184	76	2.841	ng	# 1

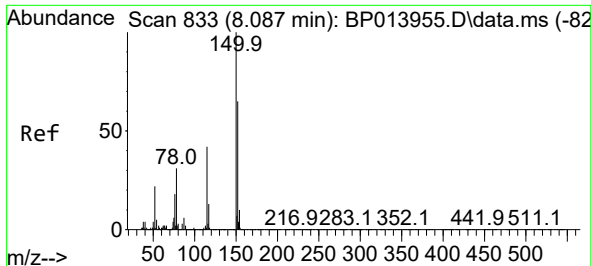
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
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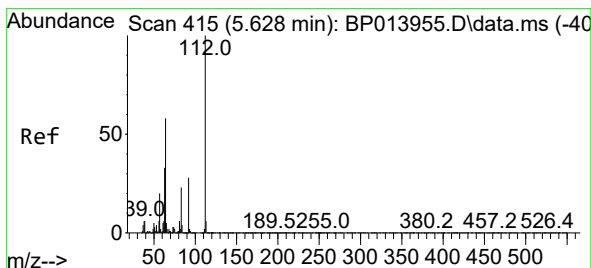
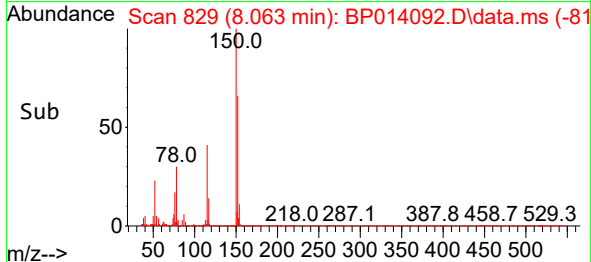
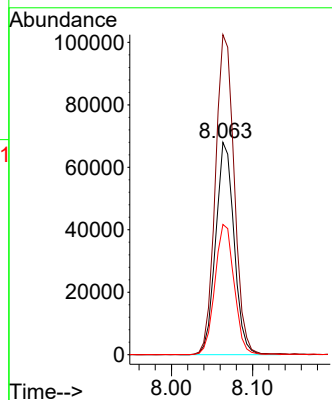
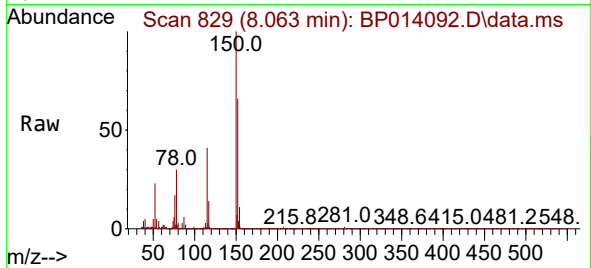




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

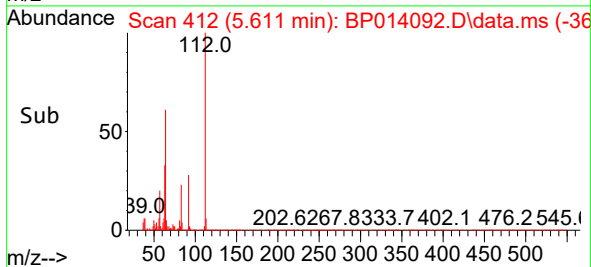
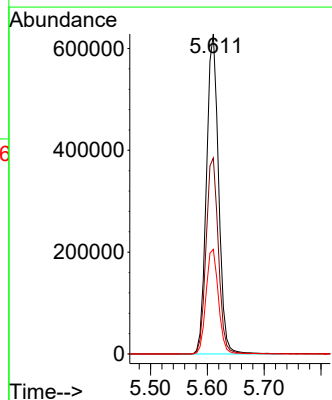
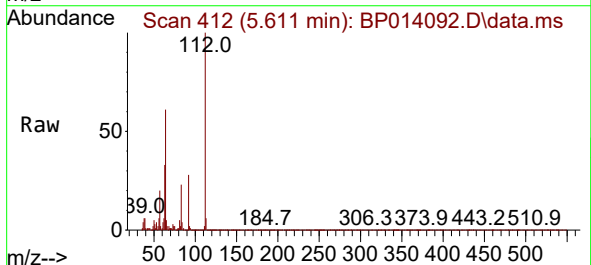
Instrument :
BNA_P
ClientSampleId :
MAPLE-1

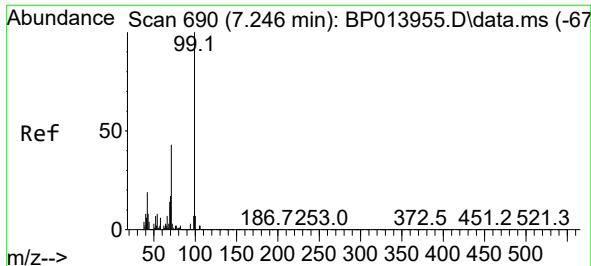
Tgt Ion:152 Resp: 107288
Ion Ratio Lower Upper
152 100
150 150.7 122.3 183.5
115 61.3 51.6 77.4



#5
2-Fluorophenol
Concen: 140.528 ng
RT: 5.611 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

Tgt Ion:112 Resp: 929674
Ion Ratio Lower Upper
112 100
64 61.2 46.7 70.1
63 32.7 26.6 40.0

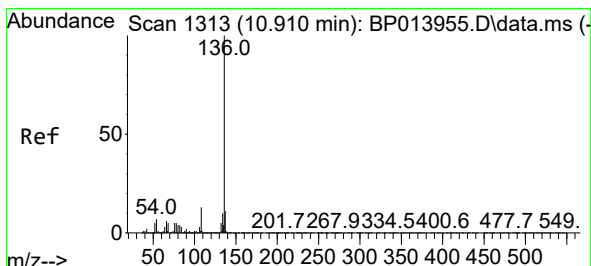
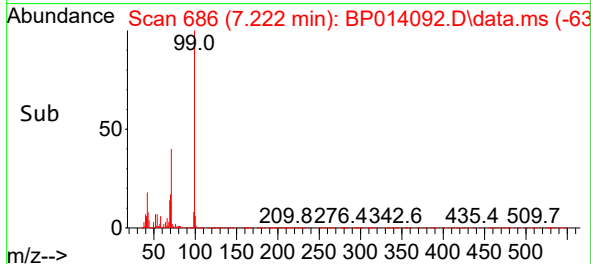
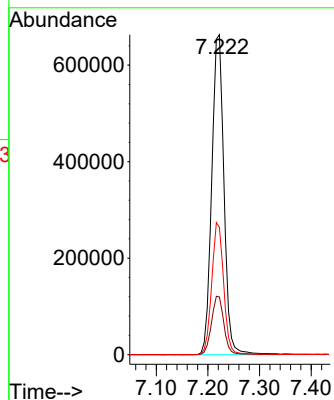
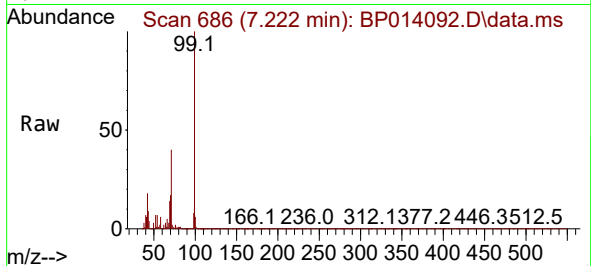




#7
Phenol-d6
Concen: 125.647 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

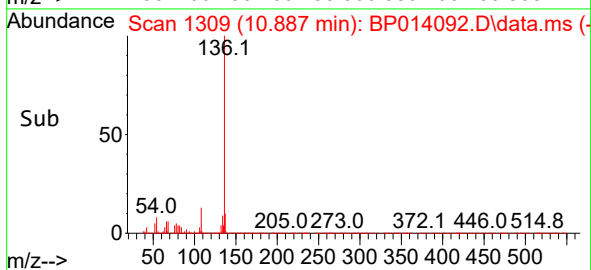
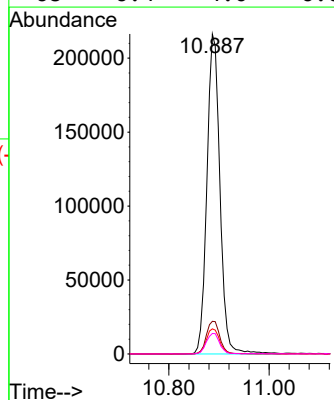
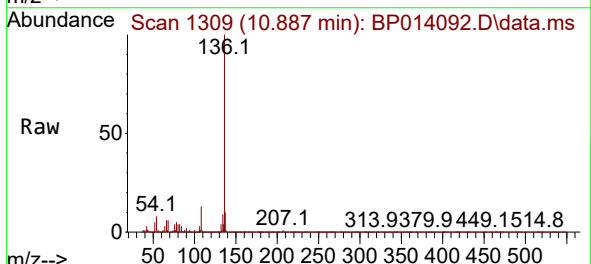
Instrument :
BNA_P
ClientSampleId :
MAPLE-1

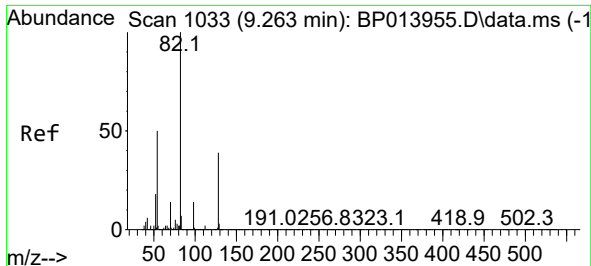
Tgt Ion: 99 Resp: 1091340
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 39.8 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

Tgt Ion:136 Resp: 389902
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 7.8 5.8 8.8
68 6.4 4.0 6.0#

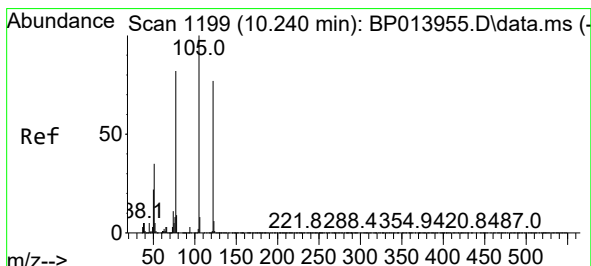
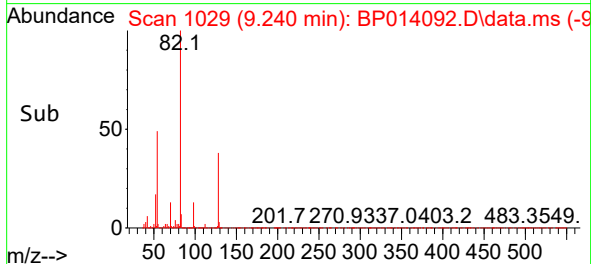
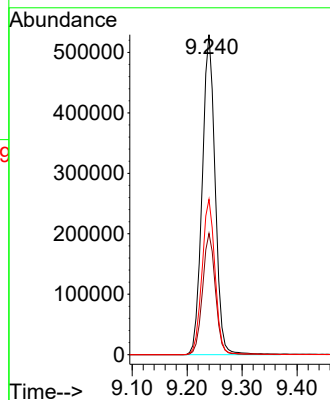
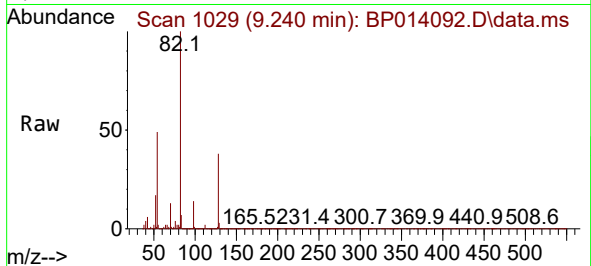




#23
Nitrobenzene-d5
Concen: 101.594 ng
RT: 9.240 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

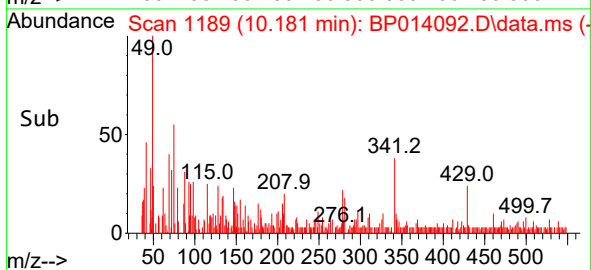
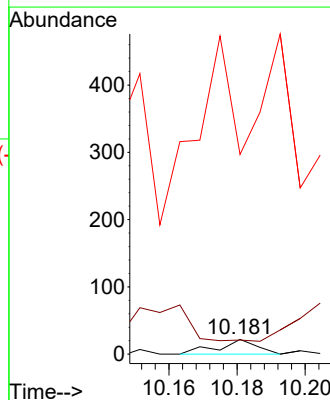
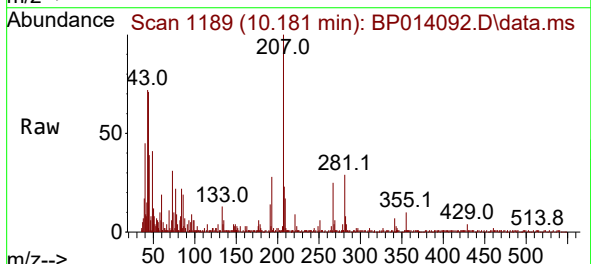
Instrument :
BNA_P
ClientSampleId :
MAPLE-1

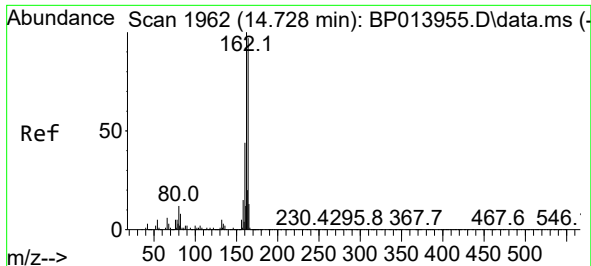
Tgt Ion: 82 Resp: 866671
Ion Ratio Lower Upper
82 100
128 37.9 31.1 46.7
54 48.6 40.0 60.0



#32
Benzoic acid
Concen: 2.704 ng
RT: 10.181 min Scan# 1189
Delta R.T. -0.029 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

Tgt Ion: 122 Resp: 17
Ion Ratio Lower Upper
122 100
105 95.5 108.2 148.2#
77 1350.0 85.2 125.2#

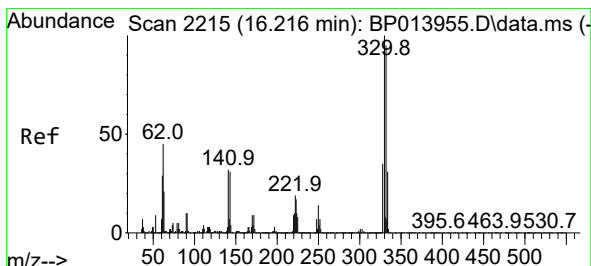
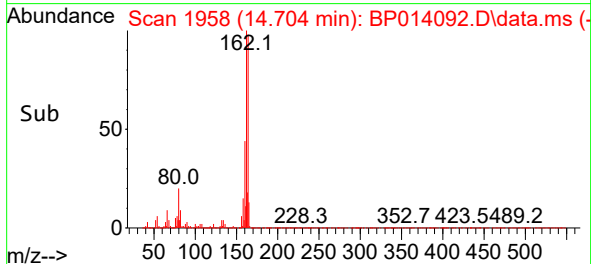
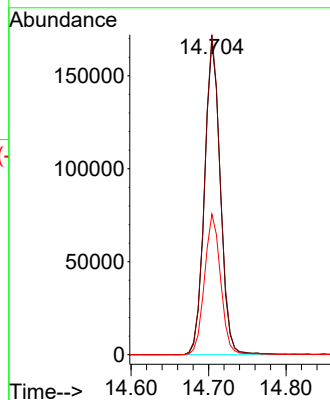
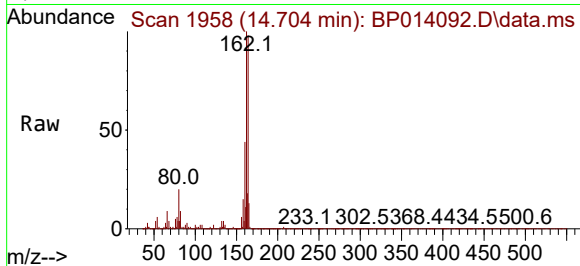




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

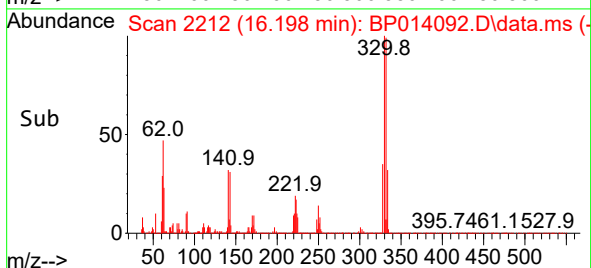
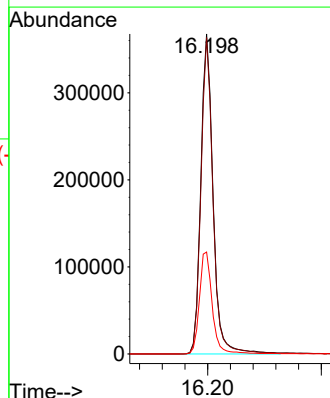
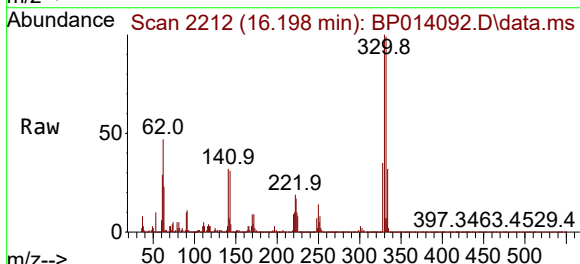
Instrument :
BNA_P
ClientSampleId :
MAPLE-1

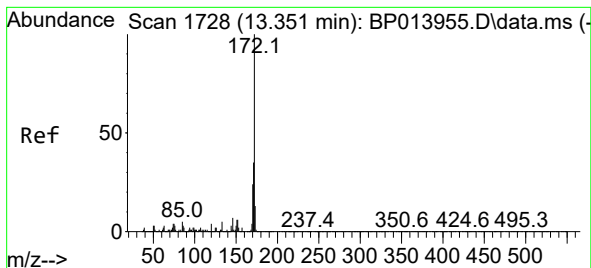
Tgt Ion:164 Resp: 238508
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 142.989 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

Tgt Ion:330 Resp: 552947
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 33.2 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 99.056 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP014092.D

Acq: 14 Mar 2023 20:34

Instrument :

BNA_P

ClientSampleId :

MAPLE-1

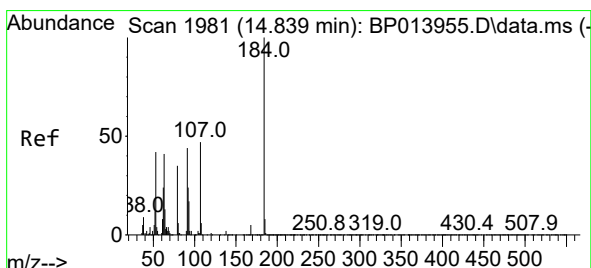
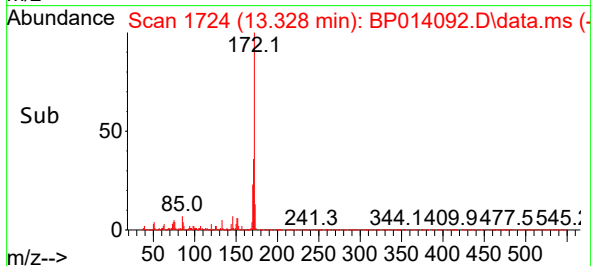
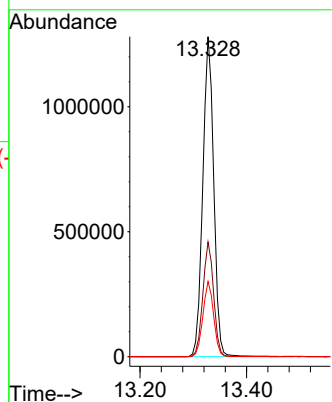
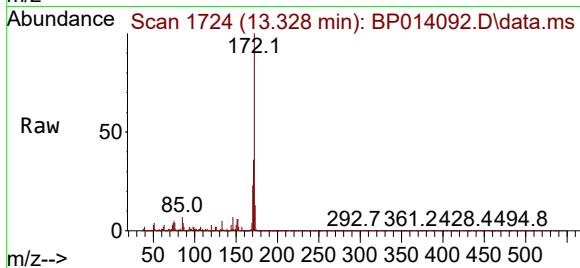
Tgt Ion:172 Resp: 1823566

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.084 ng

RT: 14.816 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BP014092.D

Acq: 14 Mar 2023 20:34

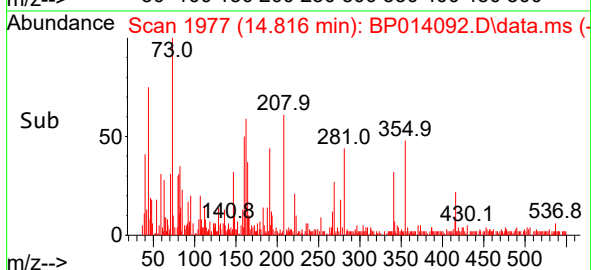
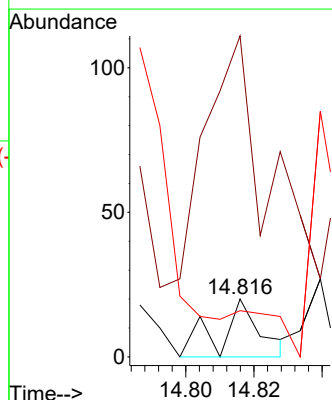
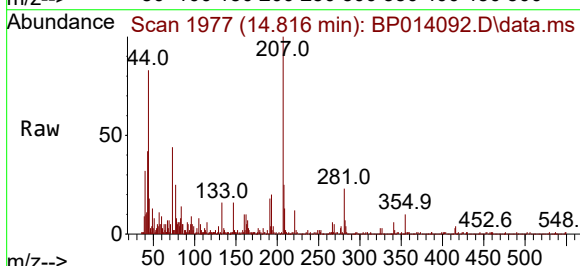
Tgt Ion:184 Resp: 17

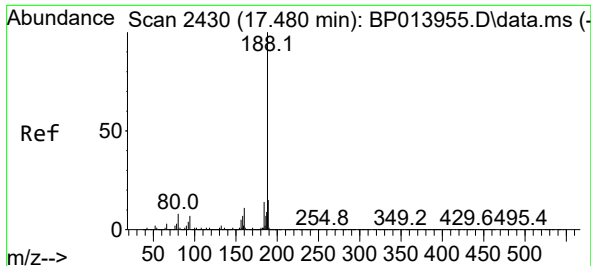
Ion Ratio Lower Upper

184 100

63 555.0 52.4 78.6#

154 80.0 59.4 89.2

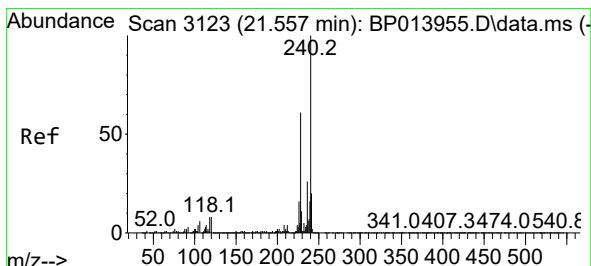
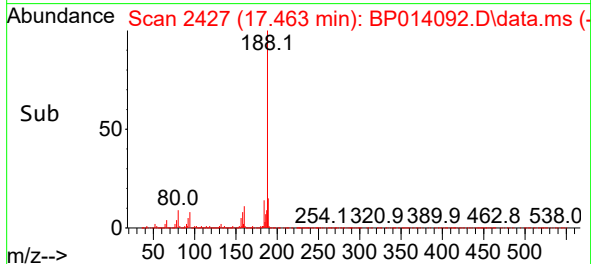
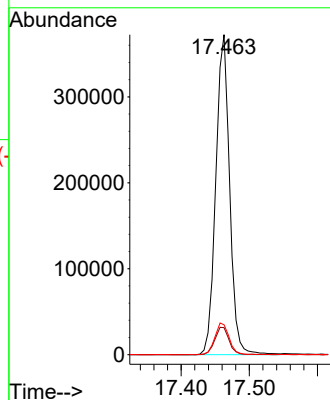
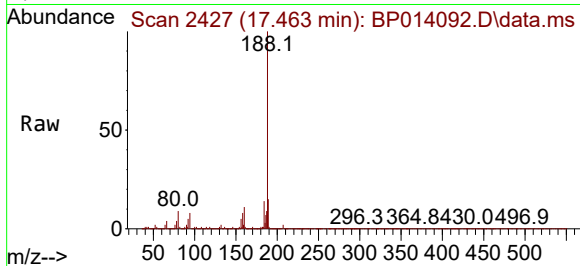




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

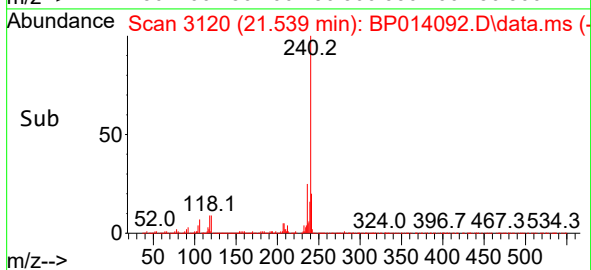
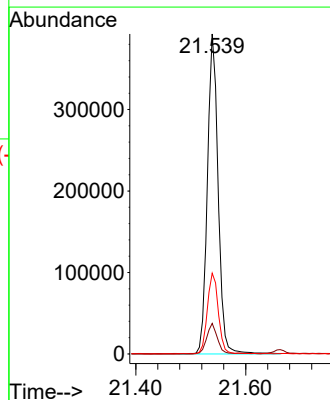
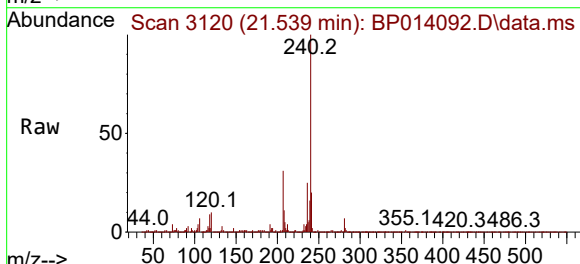
Instrument :
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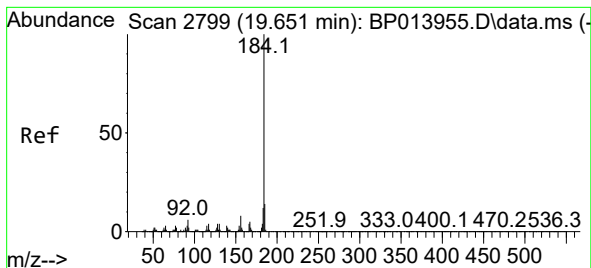
Tgt Ion:188 Resp: 526081
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 9.4 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP014092.D
Acq: 14 Mar 2023 20:34

Tgt Ion:240 Resp: 531402
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6
236 25.3 21.2 31.8





#77

Benzidine

Concen: 2.841 ng

RT: 19.627 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP014092.D

Acq: 14 Mar 2023 20:34

Instrument :

BNA_P

ClientSampleId :

MAPLE-1

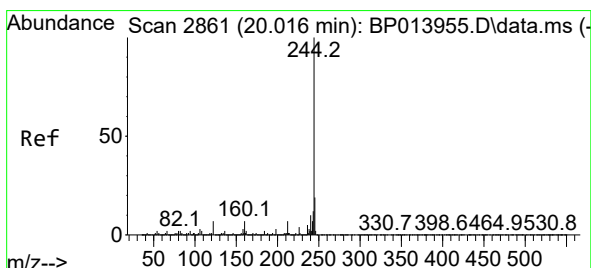
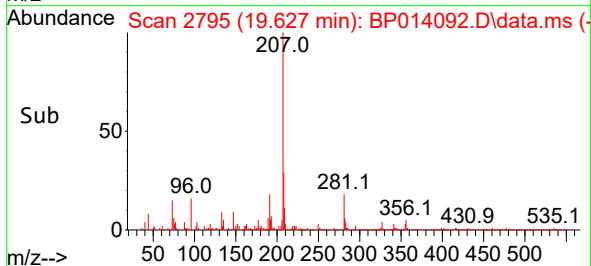
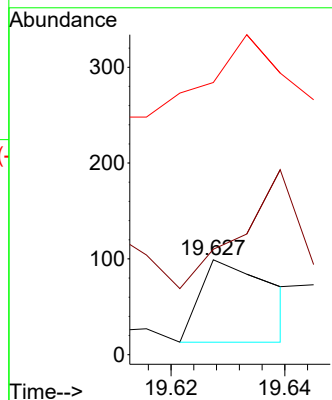
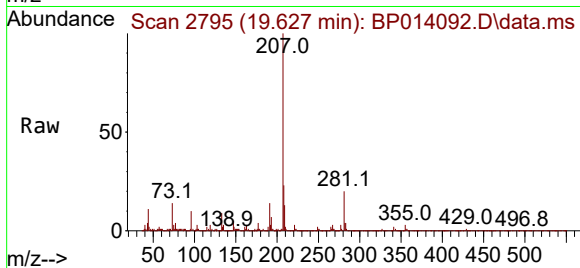
Tgt Ion:184 Resp: 76

Ion Ratio Lower Upper

184 100

185 114.1 11.6 17.4#

183 286.9 9.7 14.5#



#79

Terphenyl-d14

Concen: 99.148 ng

RT: 19.998 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BP014092.D

Acq: 14 Mar 2023 20:34

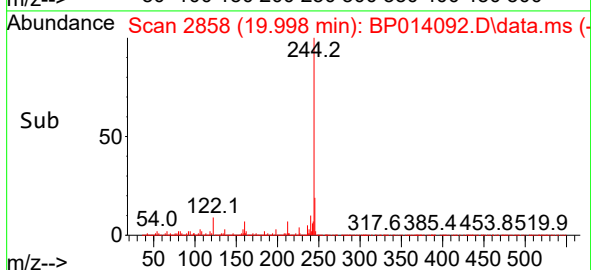
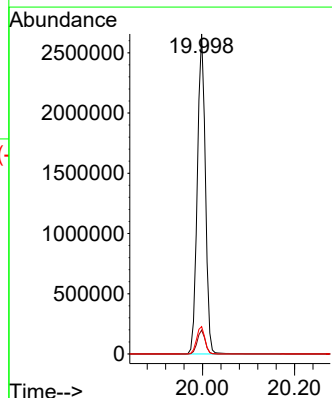
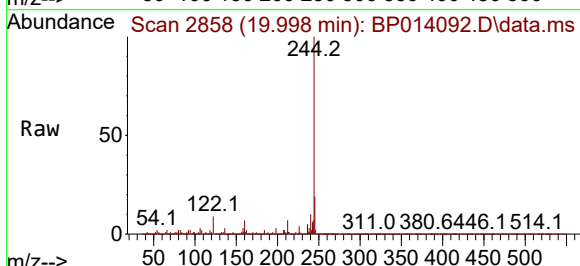
Tgt Ion:244 Resp: 3195220

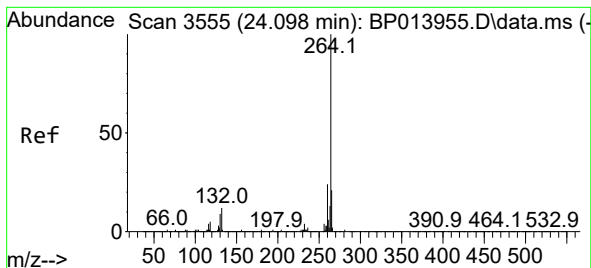
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.5 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: BP014092.D

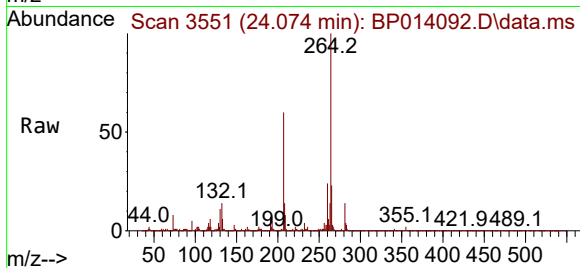
Acq: 14 Mar 2023 20:34

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Tgt Ion:264 Resp: 560785

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.8 17.8 26.8

