

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014326.D
 Acq On : 27 Mar 2023 22:55
 Operator : CG/JU
 Sample : 02055-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2A

Quant Time: Mar 28 02:13:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

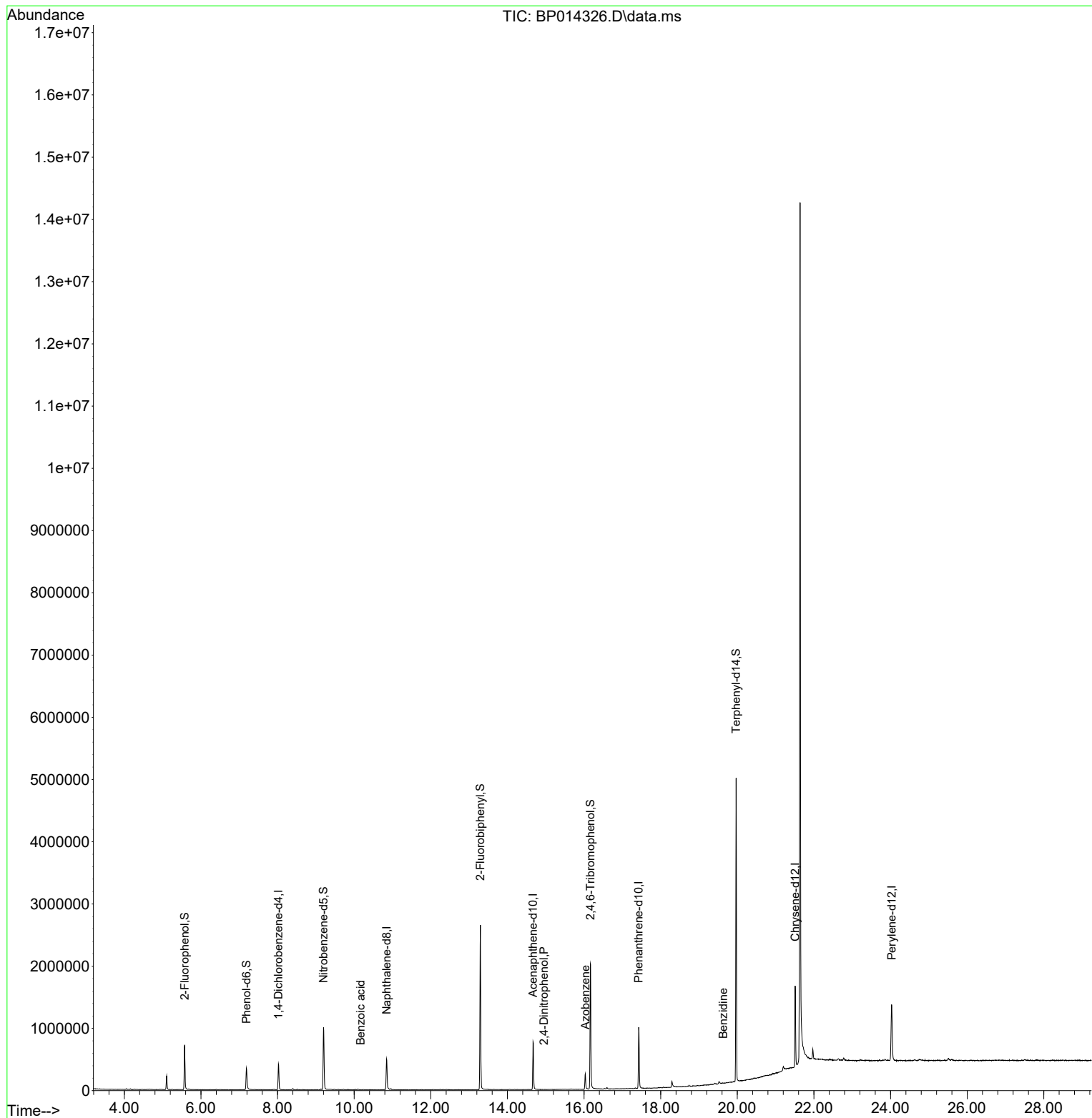
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	107724	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	416717	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	260996	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	608578	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	644672	20.000	ng	0.00
86) Perylene-d12	24.027	264	723352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	297385	44.770	ng	0.00
7) Phenol-d6	7.187	99	224569	25.750	ng	0.00
23) Nitrobenzene-d5	9.199	82	621786	68.198	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	396332	93.659	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1316299	65.341	ng	0.00
79) Terphenyl-d14	19.969	244	2135857	54.631	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	32	2.707	ng	# 1
54) 2,4-Dinitrophenol	14.951	184	14	3.082	ng	90
63) Azobenzene	16.033	77	85955	4.369	ng	# 5
77) Benzidine	19.633	184	199	2.848	ng	# 1

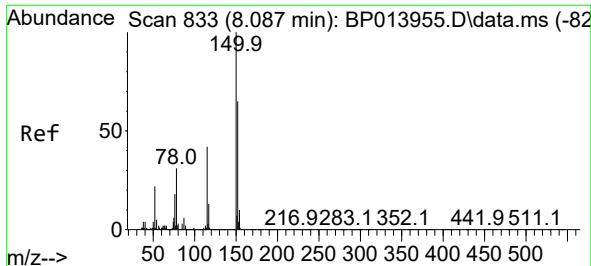
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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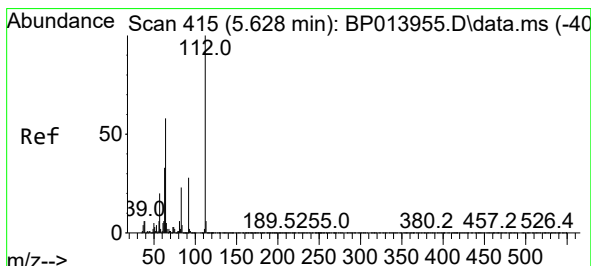
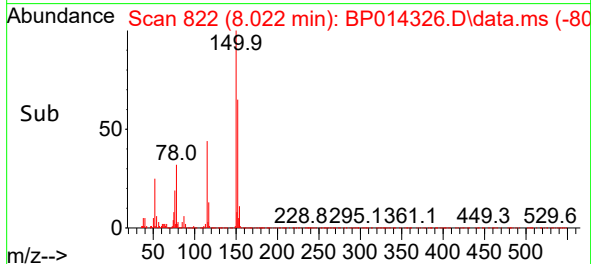
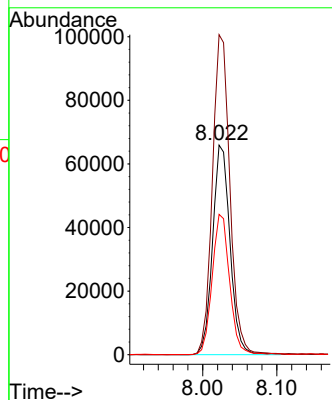
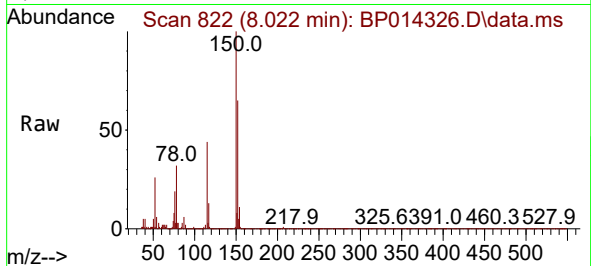




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

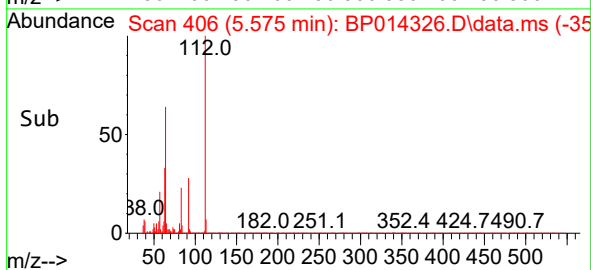
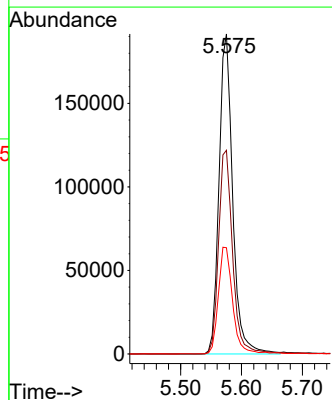
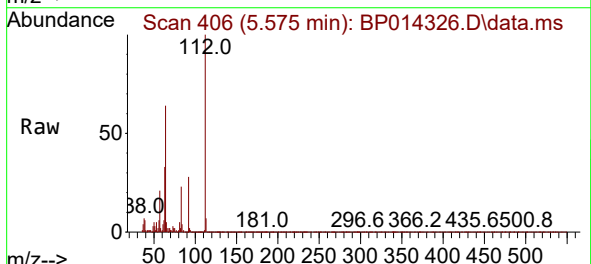
Instrument :
BNA_P
ClientSampleId :
MW-2A

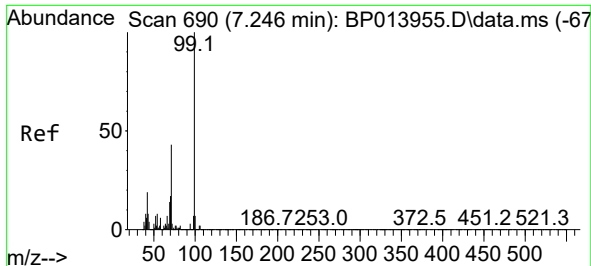
Tgt Ion:152 Resp: 107724
Ion Ratio Lower Upper
152 100
150 152.7 122.3 183.5
115 67.0 51.6 77.4



#5
2-Fluorophenol
Concen: 44.770 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

Tgt Ion:112 Resp: 297385
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 33.2 26.6 40.0

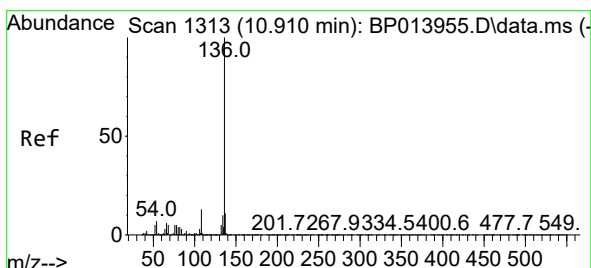
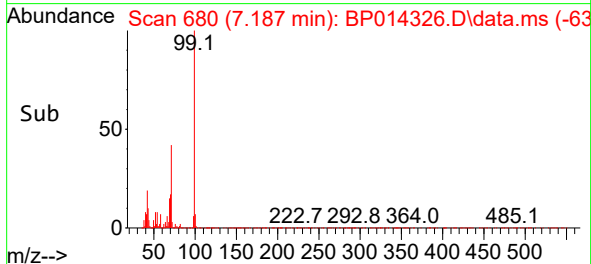
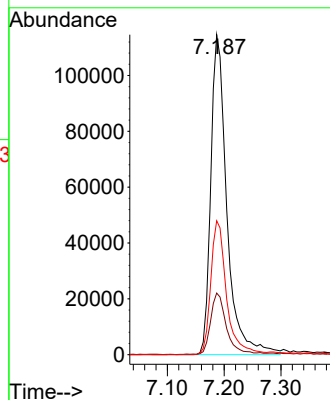
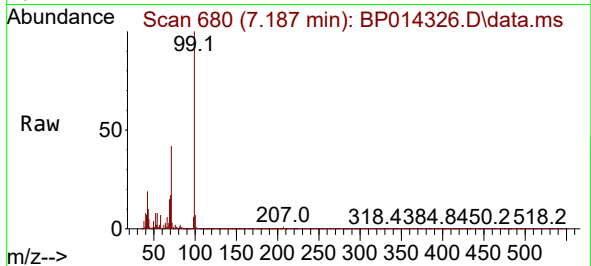




#7
Phenol-d6
Concen: 25.750 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

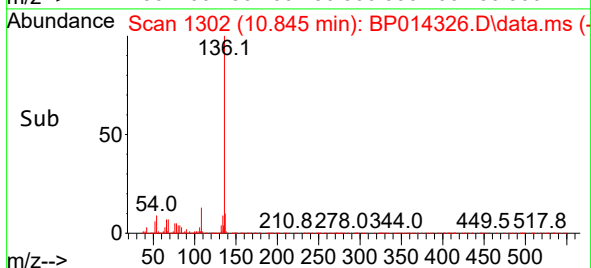
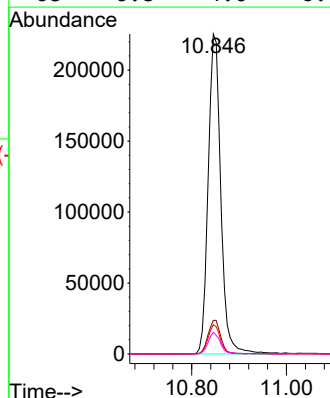
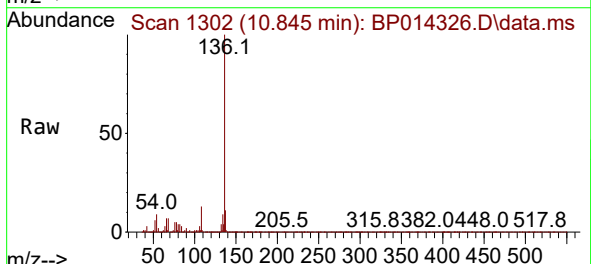
Instrument :
BNA_P
ClientSampleId :
MW-2A

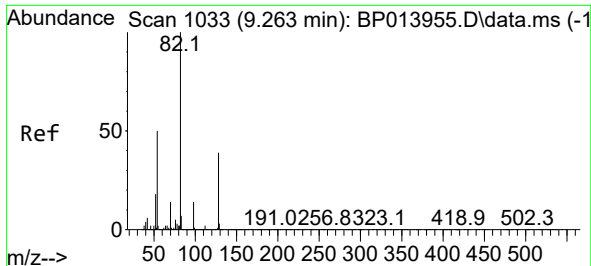
Tgt Ion: 99 Resp: 224569
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.6
71 41.9 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

Tgt Ion: 136 Resp: 416717
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.1 5.8 8.8#
68 6.8 4.0 6.0#

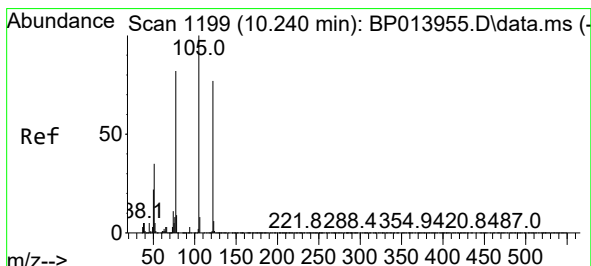
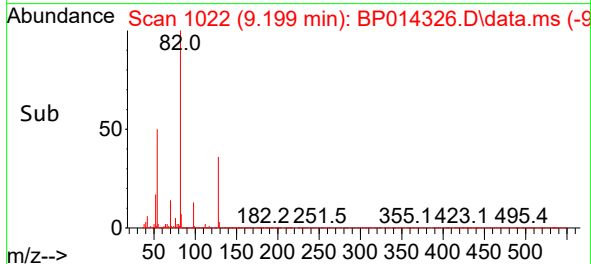
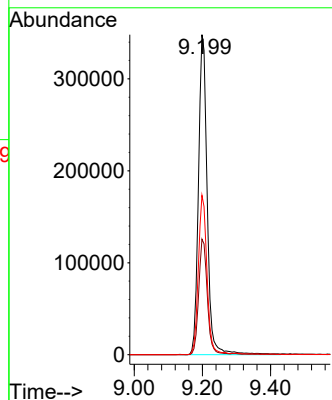
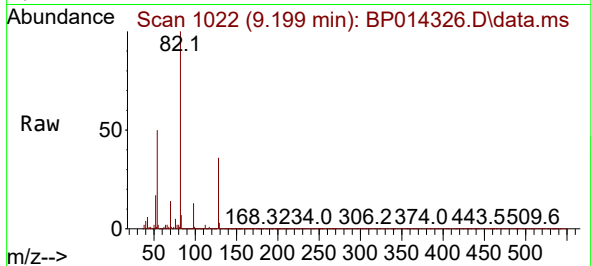




#23
Nitrobenzene-d5
Concen: 68.198 ng
RT: 9.199 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

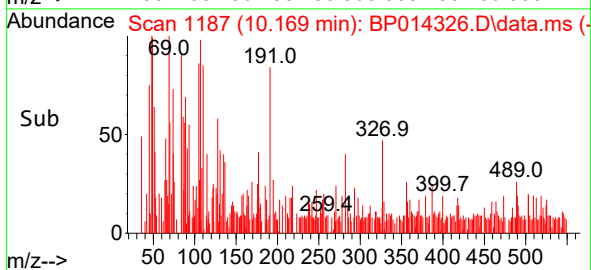
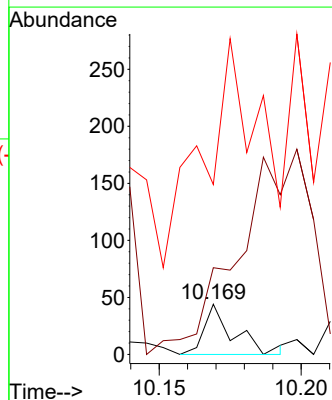
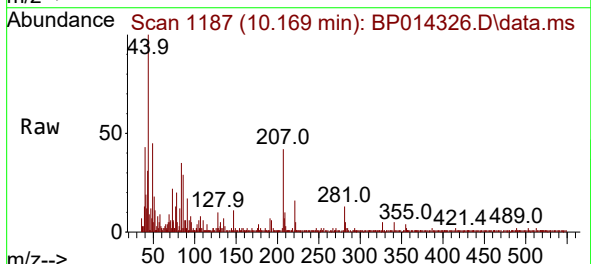
Instrument :
BNA_P
ClientSampleId :
MW-2A

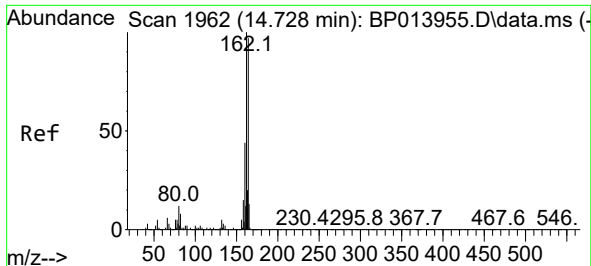
Tgt Ion: 82 Resp: 621786
Ion Ratio Lower Upper
82 100
128 36.1 31.1 46.7
54 49.8 40.0 60.0



#32
Benzoic acid
Concen: 2.707 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

Tgt Ion:122 Resp: 32
Ion Ratio Lower Upper
122 100
105 172.7 108.2 148.2#
77 338.6 85.2 125.2#

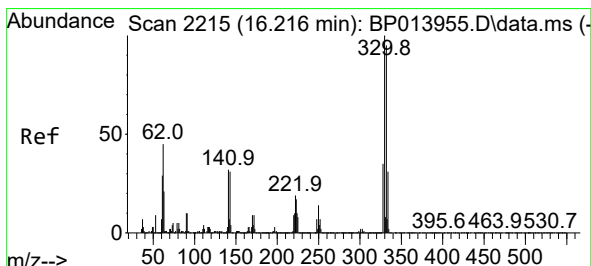
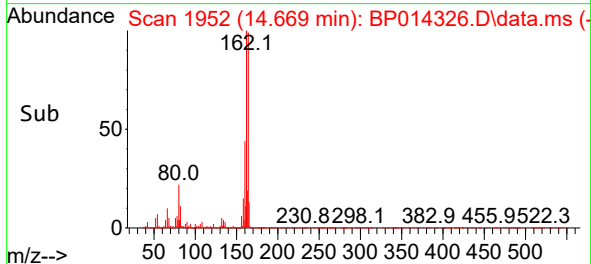
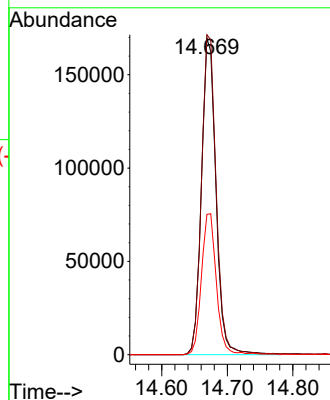
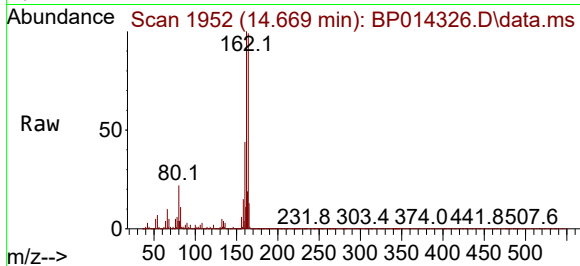




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

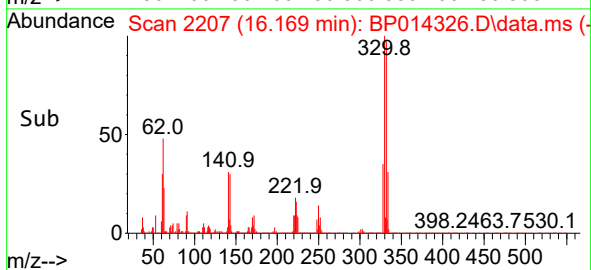
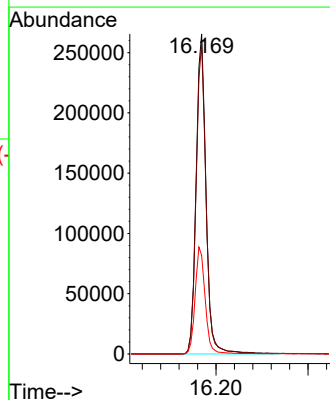
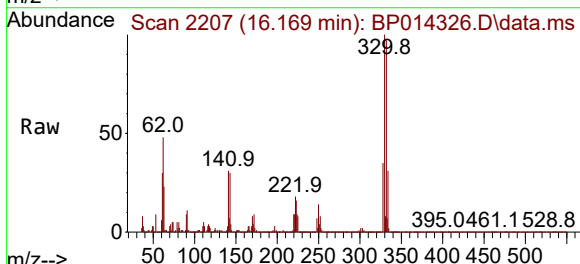
Instrument :
BNA_P
ClientSampleId :
MW-2A

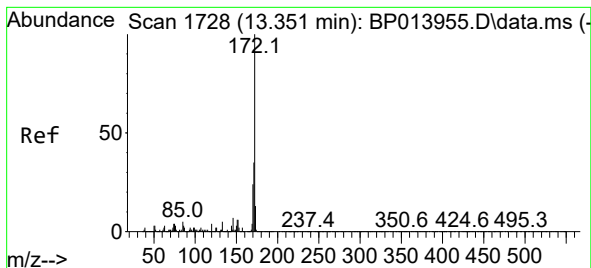
Tgt Ion:164 Resp: 260996
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 44.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 93.659 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014326.D
Acq: 27 Mar 2023 22:55

Tgt Ion:330 Resp: 396332
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.1 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 65.341 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

Instrument :

BNA_P

ClientSampleId :

MW-2A

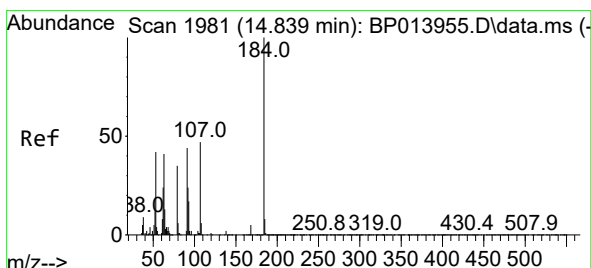
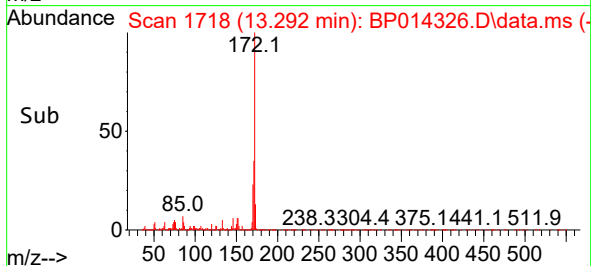
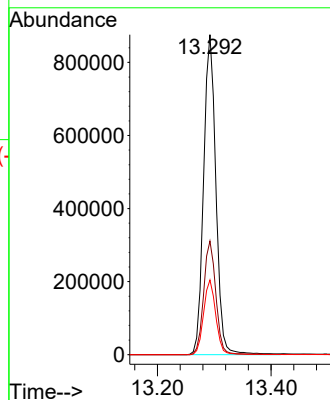
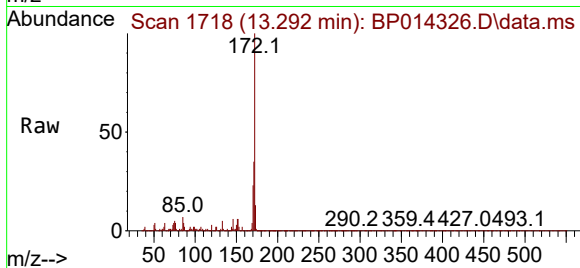
Tgt Ion:172 Resp: 1316299

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.082 ng

RT: 14.951 min Scan# 2000

Delta R.T. 0.153 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

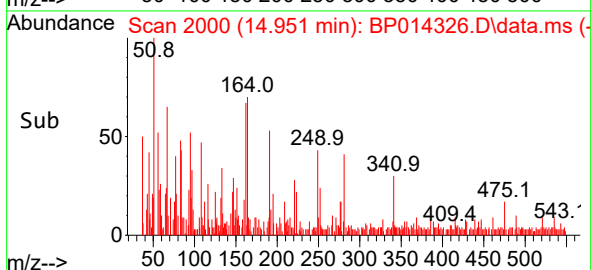
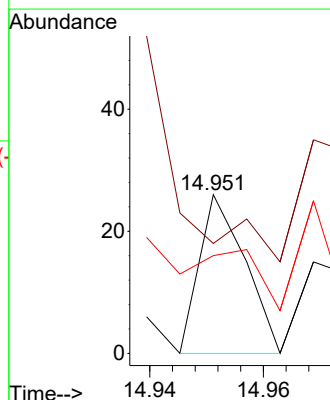
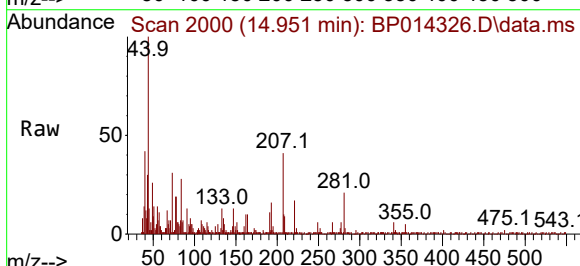
Tgt Ion:184 Resp: 14

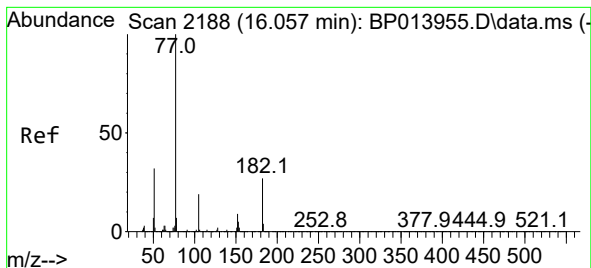
Ion Ratio Lower Upper

184 100

63 69.2 52.4 78.6

154 61.5 59.4 89.2





#63

Azobenzene

Concen: 4.369 ng

RT: 16.033 min Scan# 2188

Delta R.T. 0.023 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

Instrument :

BNA_P

ClientSampleId :

MW-2A

Tgt Ion: 77 Resp: 85955

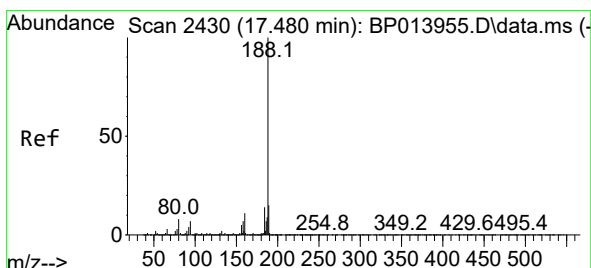
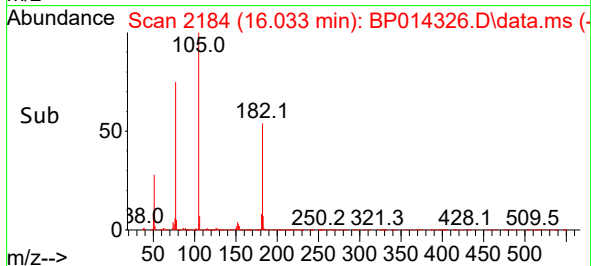
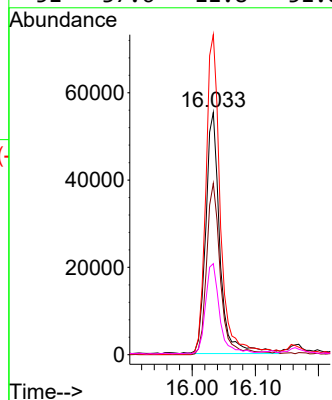
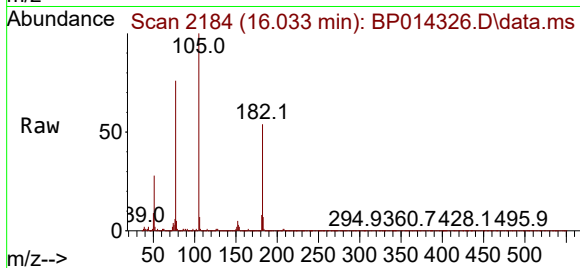
Ion Ratio Lower Upper

77 100

182 70.8 6.9 46.9#

105 132.1 0.0 39.4#

51 37.6 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

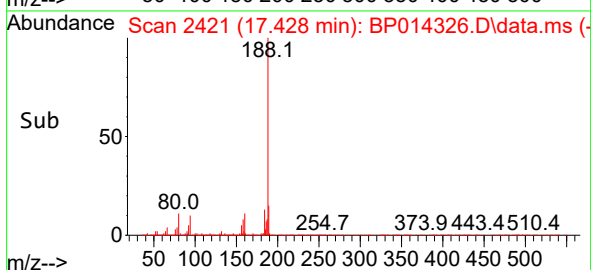
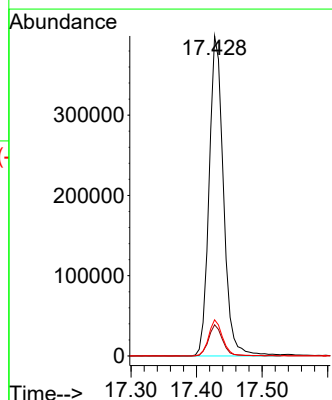
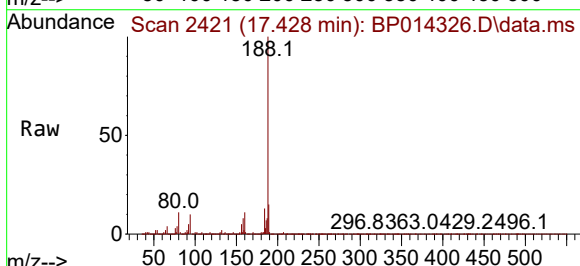
Tgt Ion: 188 Resp: 608578

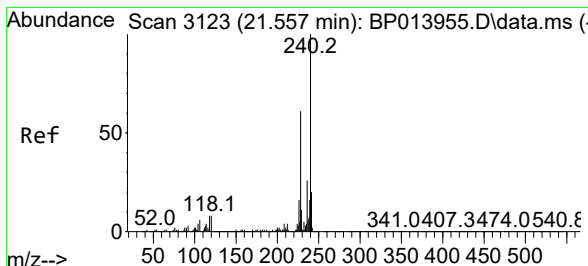
Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.6#

80 11.3 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

Instrument :

BNA_P

ClientSampleId :

MW-2A

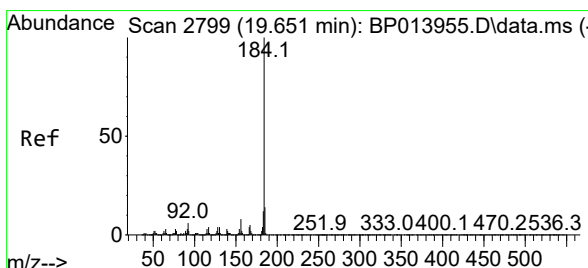
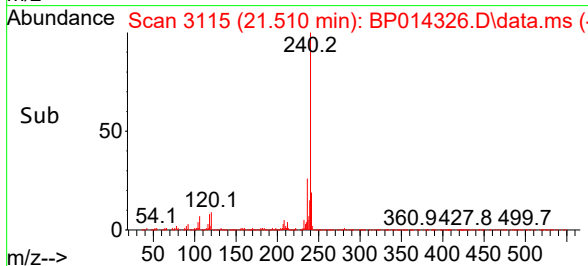
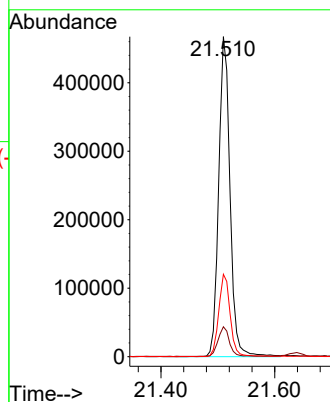
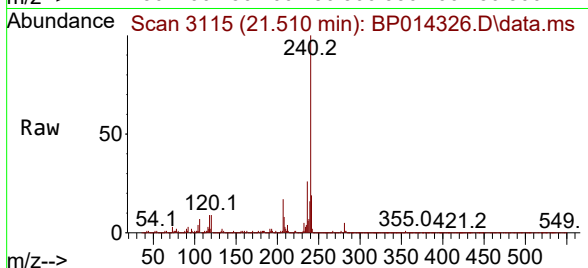
Tgt Ion:240 Resp: 644672

Ion Ratio Lower Upper

240 100

120 9.4 6.4 9.6

236 25.7 21.2 31.8



#77

Benzidine

Concen: 2.848 ng

RT: 19.633 min Scan# 2796

Delta R.T. 0.012 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

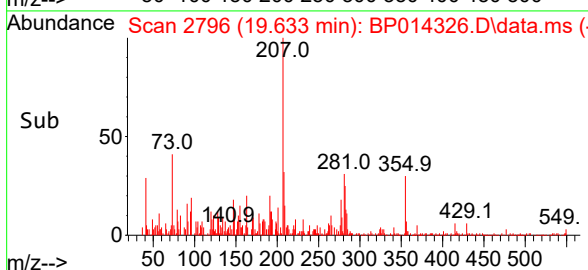
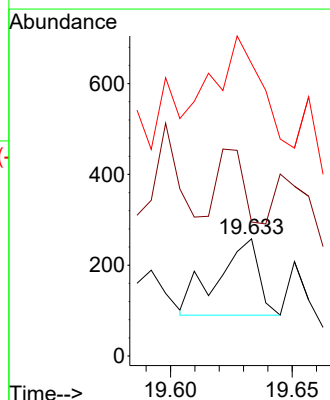
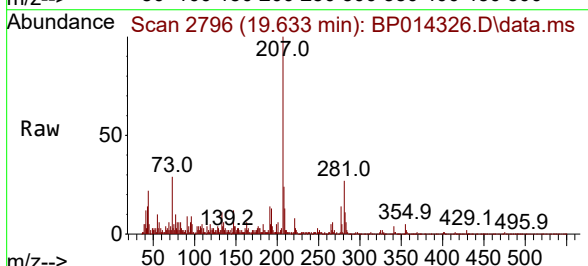
Tgt Ion:184 Resp: 199

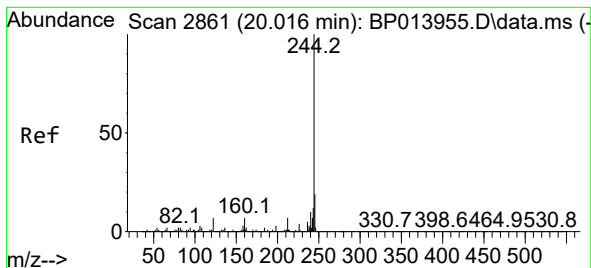
Ion Ratio Lower Upper

184 100

185 114.3 11.6 17.4#

183 249.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 54.631 ng

RT: 19.969 min Scan# 2135857

Delta R.T. -0.006 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

Instrument :

BNA_P

ClientSampleId :

MW-2A

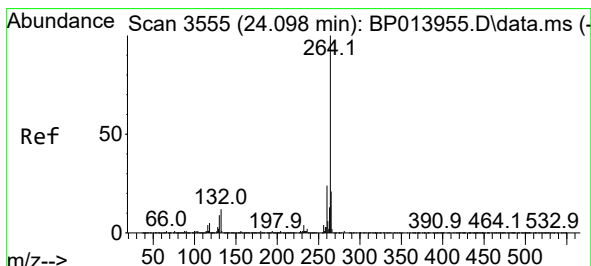
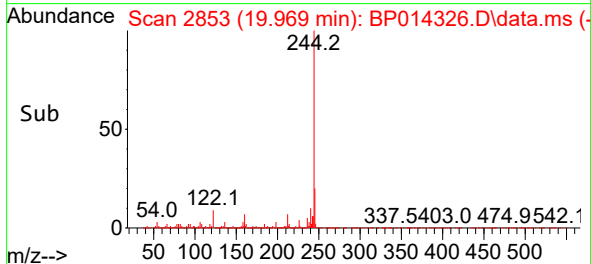
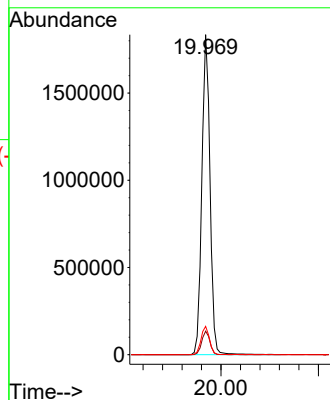
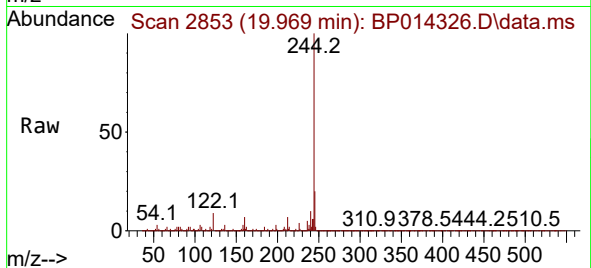
Tgt Ion:244 Resp: 2135857

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.8 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP014326.D

Acq: 27 Mar 2023 22:55

Tgt Ion:264 Resp: 723352

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.0 17.8 26.8

