

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014324.D
 Acq On : 27 Mar 2023 21:47
 Operator : CG/JU
 Sample : 02039-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-7

Quant Time: Mar 28 02:12:49 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)

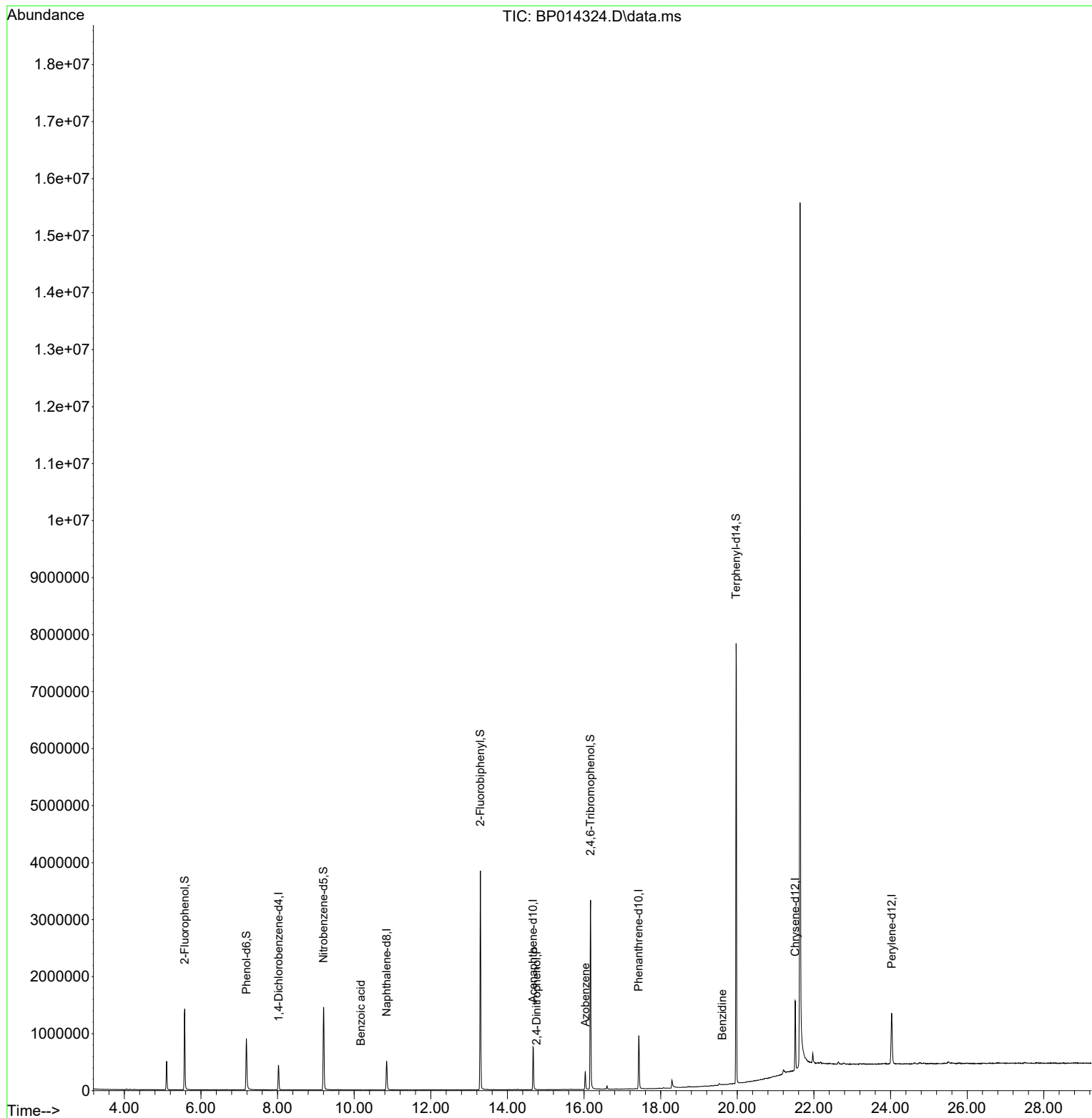
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	110884	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	424553	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	263003	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	599010	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	628786	20.000	ng	# 0.00
86) Perylene-d12	24.027	264	722237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	577695	84.491	ng	0.00
7) Phenol-d6	7.187	99	550866	61.365	ng	0.00
23) Nitrobenzene-d5	9.199	82	895740	96.432	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	642842	150.753	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1872690	92.251	ng	0.00
79) Terphenyl-d14	19.969	244	3665463	96.124	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.175	122	14	2.704	ng	# 1
54) 2,4-Dinitrophenol	14.763	184	20	3.084	ng	# 48
63) Azobenzene	16.033	77	105350	5.315	ng	# 2
77) Benzidine	19.610	184	77	2.840	ng	# 1

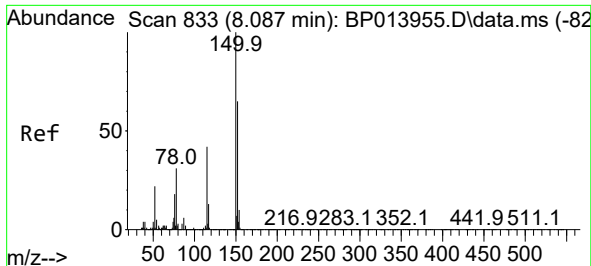
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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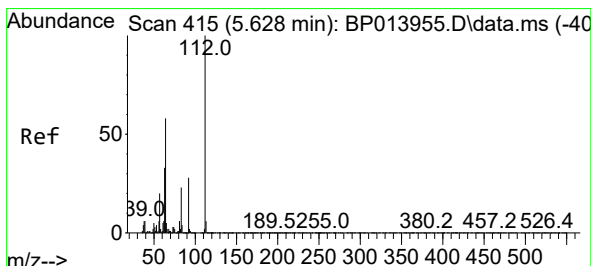
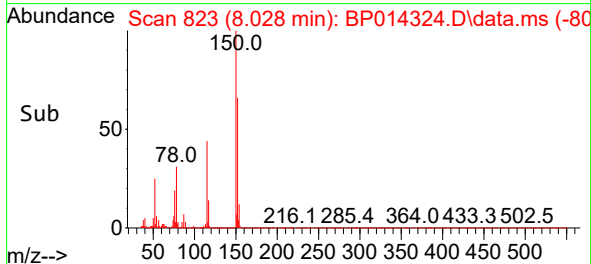
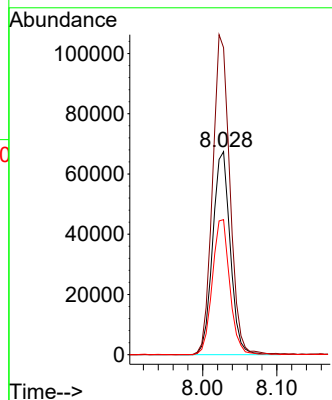
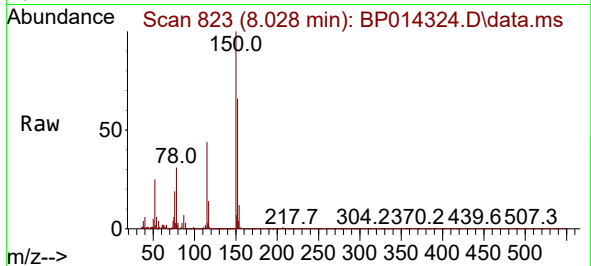




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

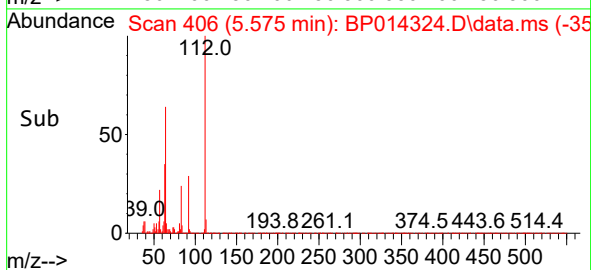
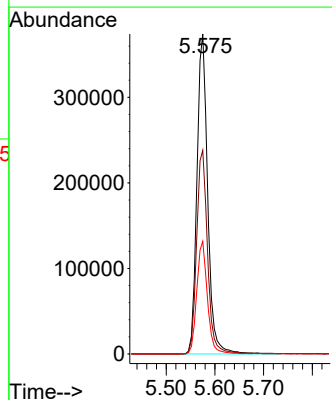
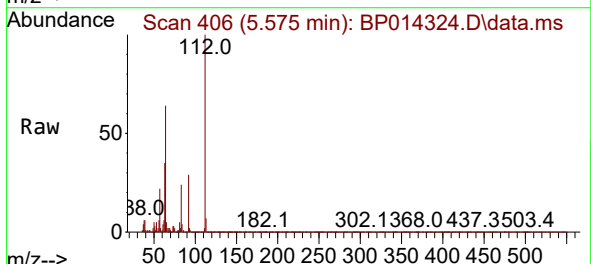
Instrument :
BNA_P
ClientSampleId :
MW-7

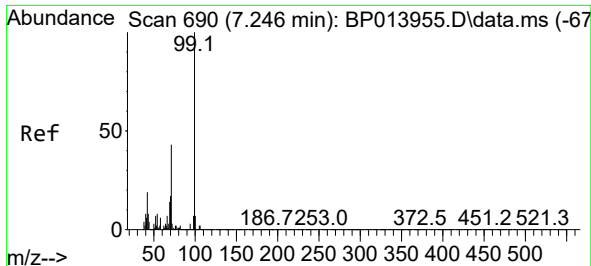
Tgt Ion:152 Resp: 110884
Ion Ratio Lower Upper
152 100
150 151.2 122.3 183.5
115 66.5 51.6 77.4



#5
2-Fluorophenol
Concen: 84.491 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

Tgt Ion:112 Resp: 577695
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 35.2 26.6 40.0

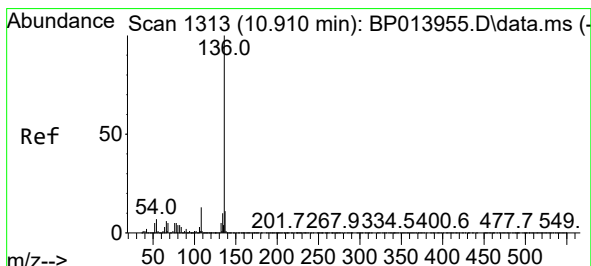
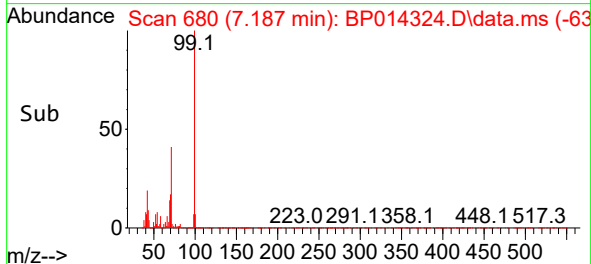
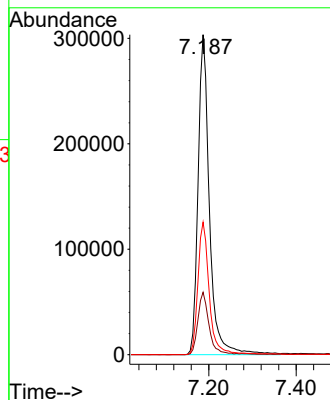
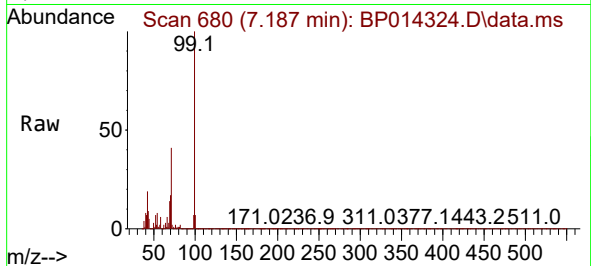




#7
Phenol-d6
Concen: 61.365 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

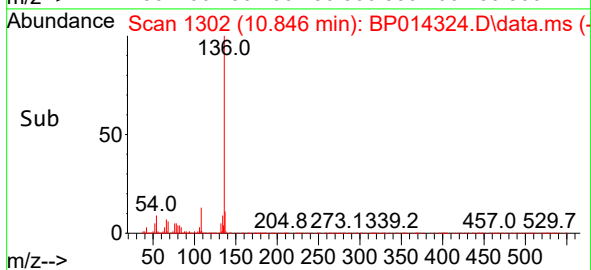
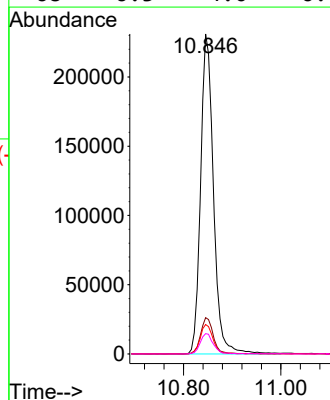
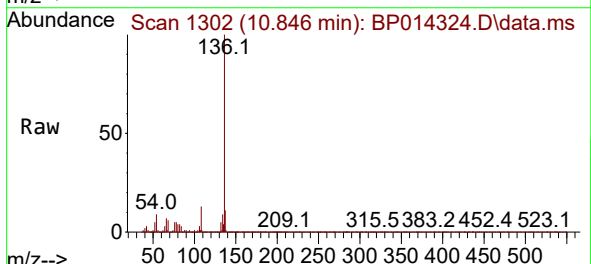
Instrument :
BNA_P
ClientSampleId :
MW-7

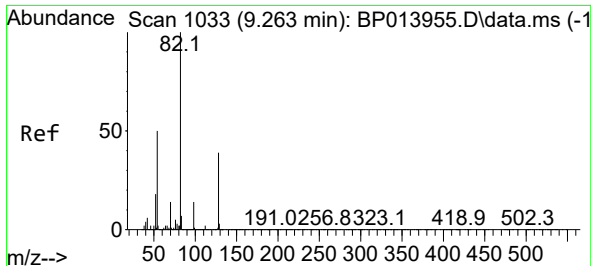
Tgt Ion: 99 Resp: 550866
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.6
71 41.4 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

Tgt Ion:136 Resp: 424553
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.2 5.8 8.8#
68 6.3 4.0 6.0#

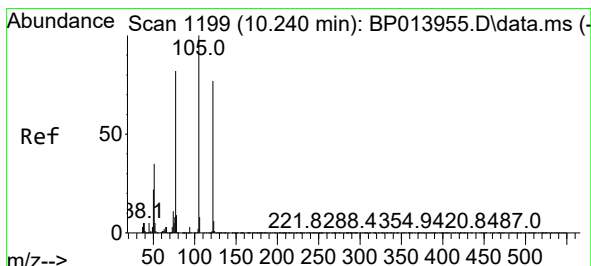
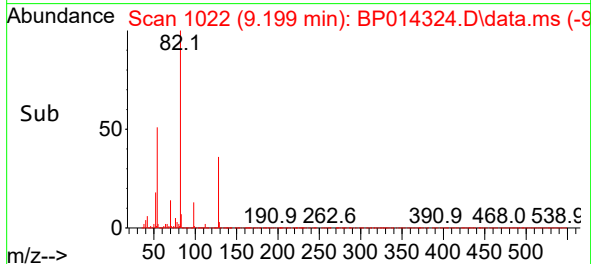
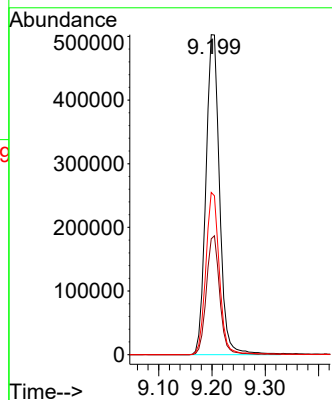
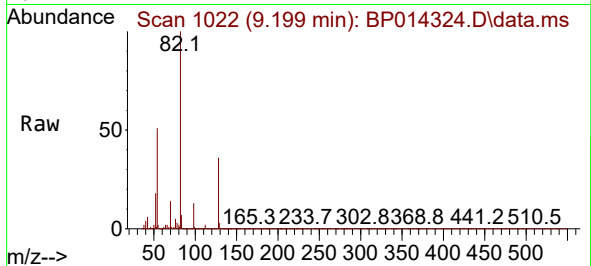




#23
Nitrobenzene-d5
Concen: 96.432 ng
RT: 9.199 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

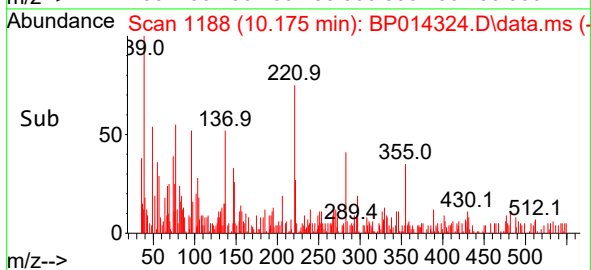
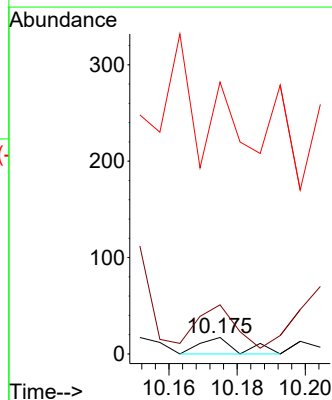
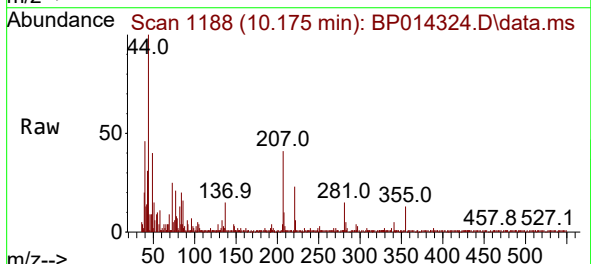
Instrument :
BNA_P
ClientSampleId :
MW-7

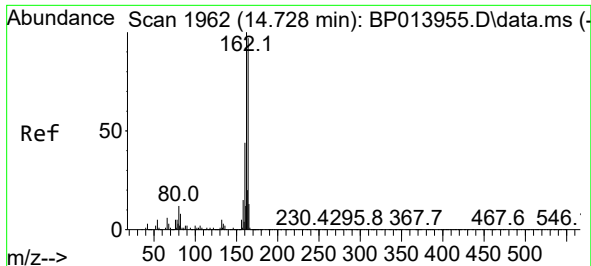
Tgt Ion: 82 Resp: 895740
Ion Ratio Lower Upper
82 100
128 36.2 31.1 46.7
54 50.7 40.0 60.0



#32
Benzoic acid
Concen: 2.704 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

Tgt Ion:122 Resp: 14
Ion Ratio Lower Upper
122 100
105 300.0 108.2 148.2#
77 1658.8 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP014324.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_P

ClientSampleId :

MW-7

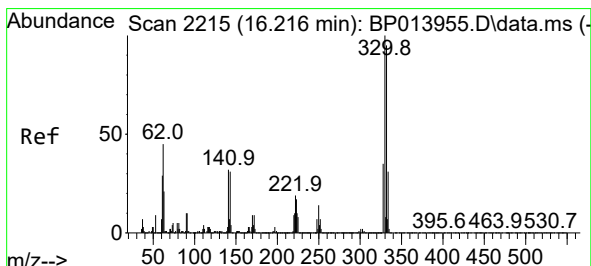
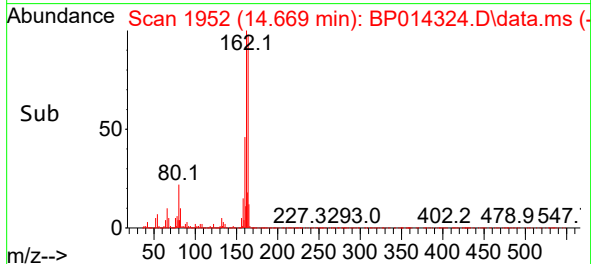
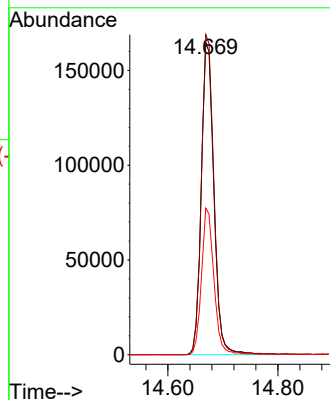
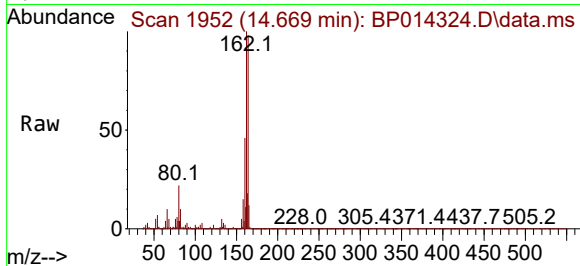
Tgt Ion:164 Resp: 263003

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

160 47.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 150.753 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014324.D

Acq: 27 Mar 2023 21:47

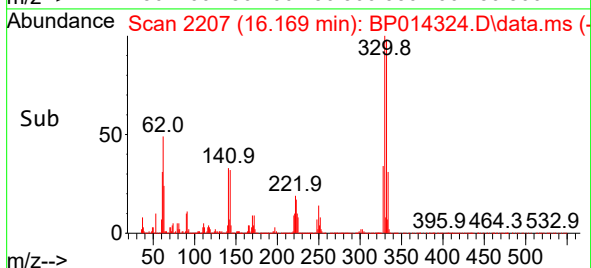
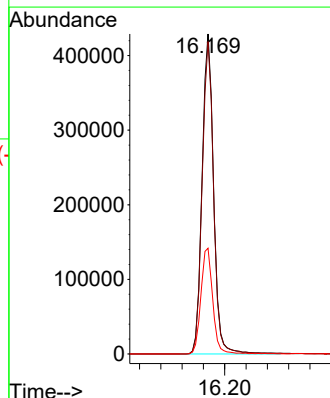
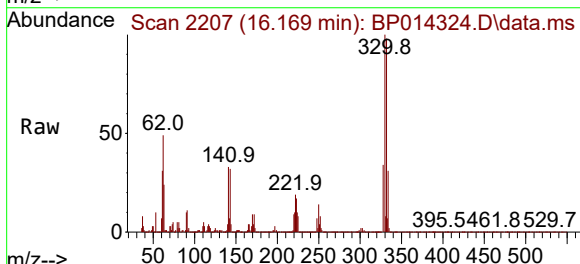
Tgt Ion:330 Resp: 642842

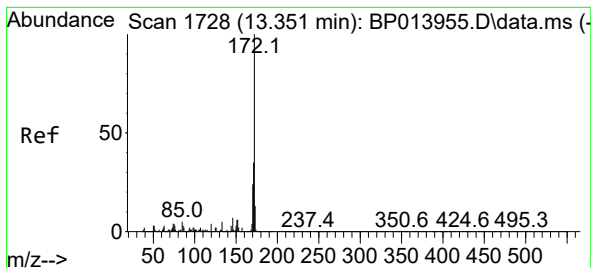
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 34.0 25.6 38.4

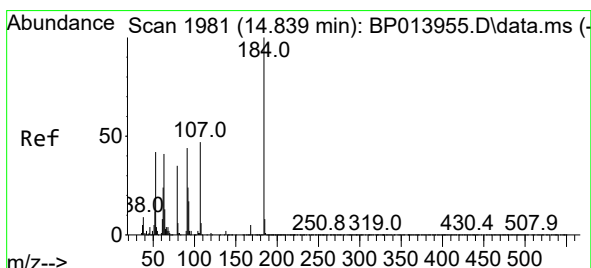
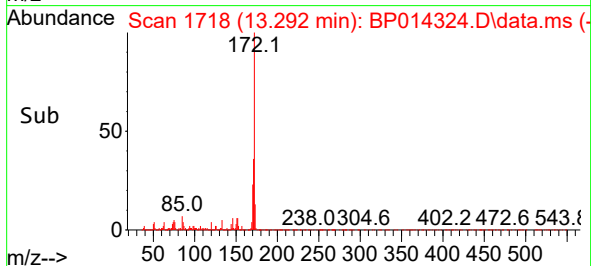
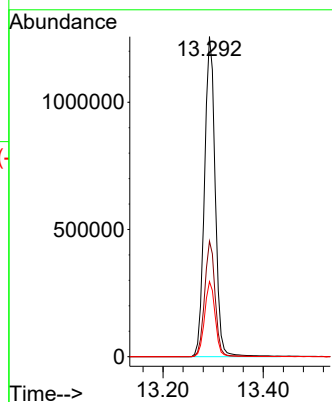
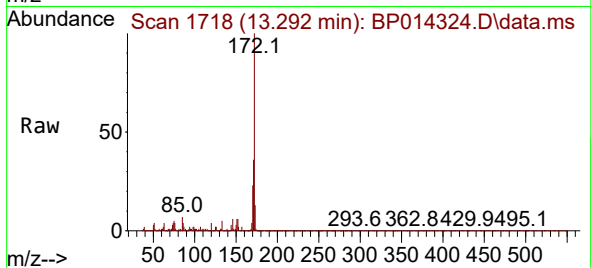




#45
2-Fluorobiphenyl
Concen: 92.251 ng
RT: 13.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

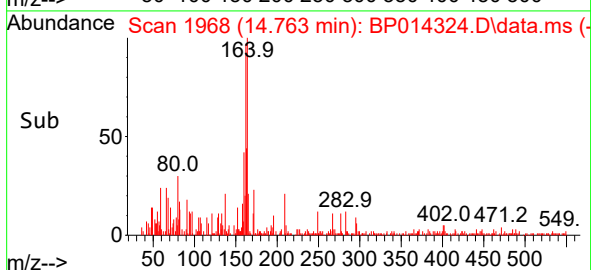
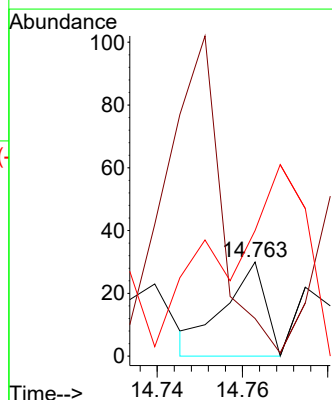
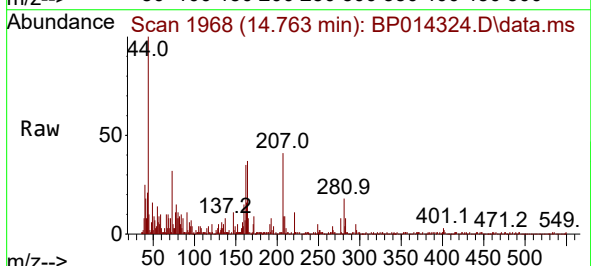
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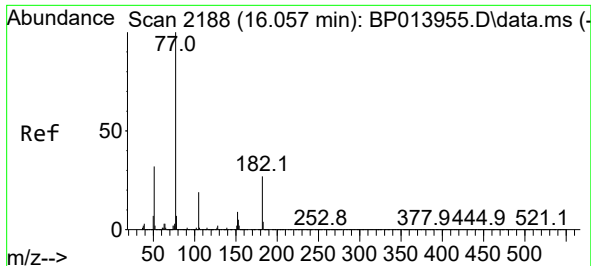
Tgt Ion:172 Resp: 1872690
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 3.084 ng
RT: 14.763 min Scan# 1968
Delta R.T. -0.035 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 40.0 52.4 78.6#
154 133.3 59.4 89.2#

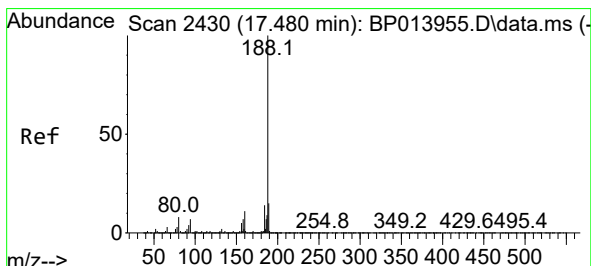
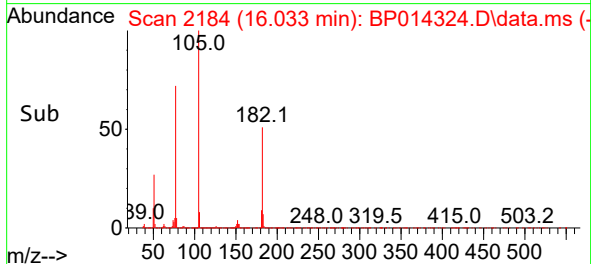
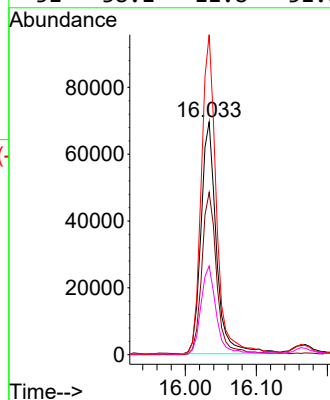
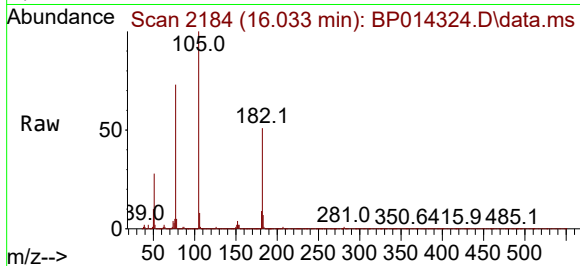




#63
Azobenzene
Concen: 5.315 ng
RT: 16.033 min Scan# 2188
Delta R.T. 0.023 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

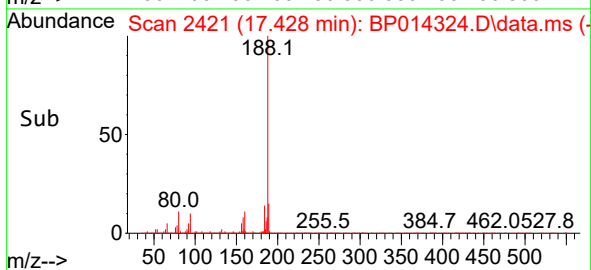
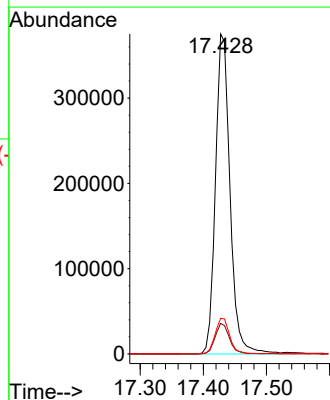
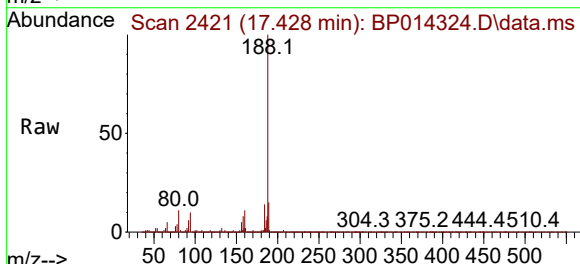
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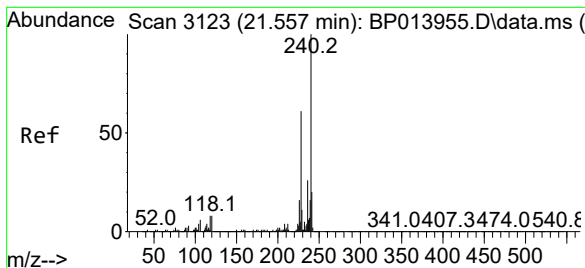
Tgt Ion: 77 Resp: 105350
Ion Ratio Lower Upper
77 100
182 69.7 6.9 46.9#
105 137.5 0.0 39.4#
51 38.1 11.8 51.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.428 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP014324.D
Acq: 27 Mar 2023 21:47

Tgt Ion: 188 Resp: 599010
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.6#
80 11.1 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP014324.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_P

ClientSampleId :

MW-7

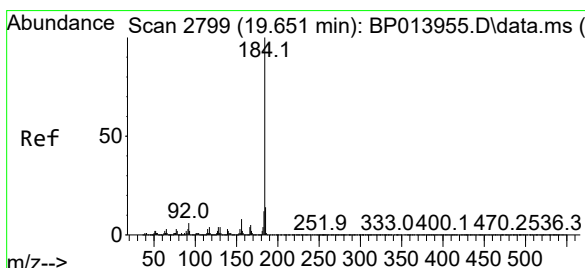
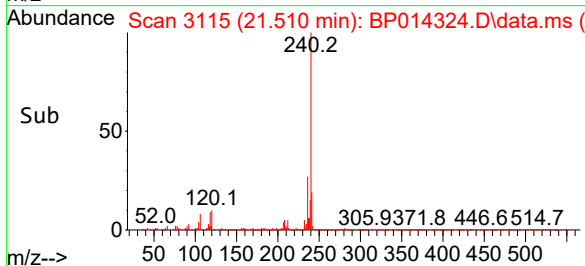
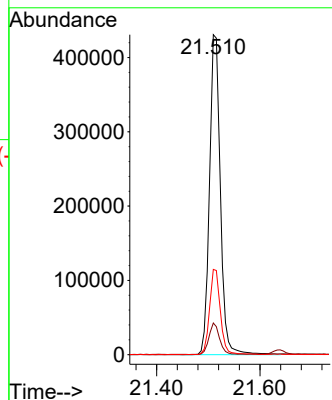
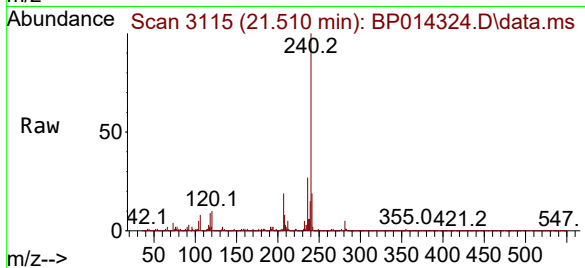
Tgt Ion:240 Resp: 628786

Ion Ratio Lower Upper

240 100

120 9.9 6.4 9.6#

236 26.7 21.2 31.8



#77

Benzidine

Concen: 2.840 ng

RT: 19.610 min Scan# 2792

Delta R.T. -0.012 min

Lab File: BP014324.D

Acq: 27 Mar 2023 21:47

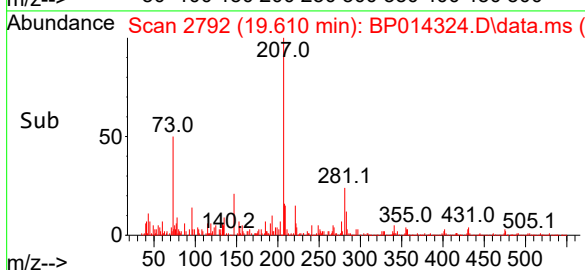
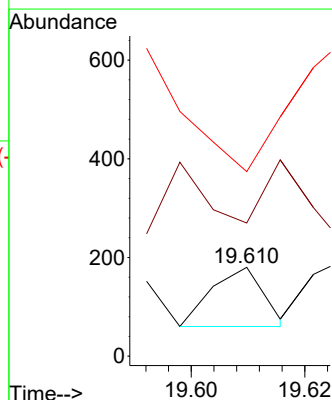
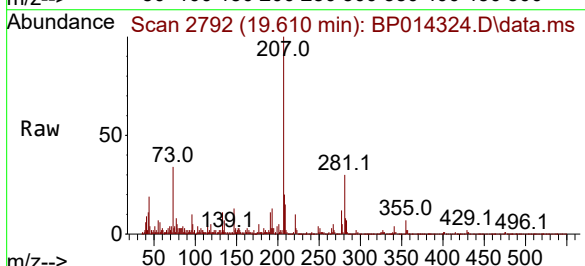
Tgt Ion:184 Resp: 77

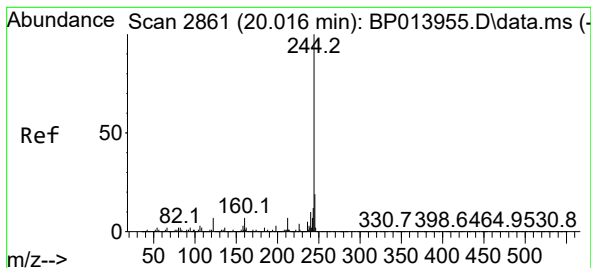
Ion Ratio Lower Upper

184 100

185 150.0 11.6 17.4#

183 207.8 9.7 14.5#





#79

Terphenyl-d14

Concen: 96.124 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014324.D

Acq: 27 Mar 2023 21:47

Instrument :

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ClientSampleId :

MW-7

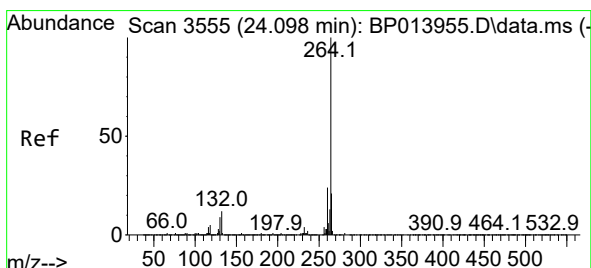
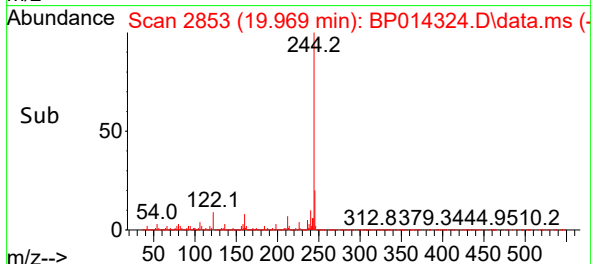
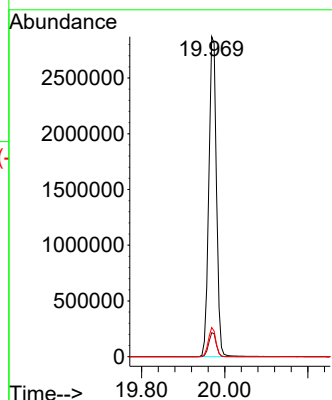
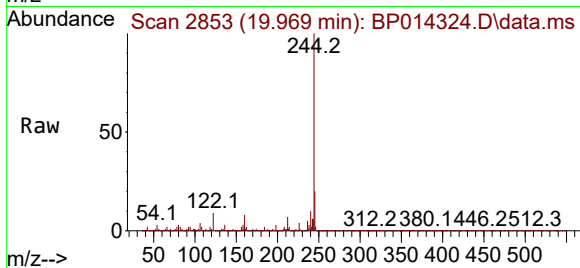
Tgt Ion:244 Resp: 3665463

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.1 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: BP014324.D

Acq: 27 Mar 2023 21:47

Tgt Ion:264 Resp: 722237

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.5 17.8 26.8

