

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014325.D
 Acq On : 27 Mar 2023 22:21
 Operator : CG/JU
 Sample : 02039-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PMW-1

Quant Time: Mar 28 02:13:06 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)

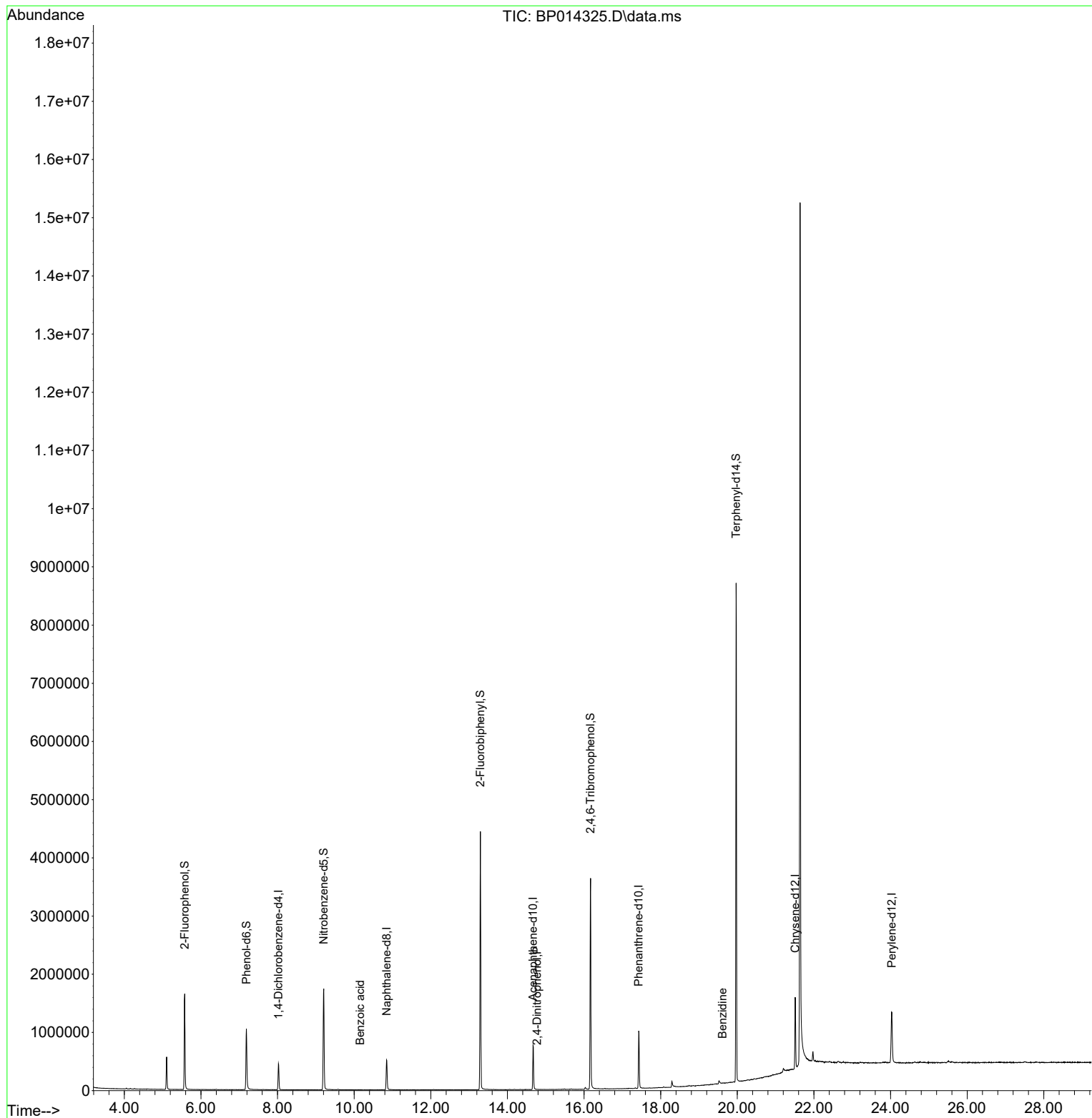
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	113430	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	433297	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	263197	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	597042	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	627632	20.000	ng	0.00
86) Perylene-d12	24.033	264	724386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	660713	94.464	ng	0.00
7) Phenol-d6	7.187	99	614942	66.965	ng	0.00
23) Nitrobenzene-d5	9.204	82	1060049	111.818	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	690868	161.896	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	2161783	106.413	ng	0.00
79) Terphenyl-d14	19.969	244	3949589	103.766	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.157	122	27	2.706	ng	# 1
54) 2,4-Dinitrophenol	14.775	184	27	3.086	ng	# 41
77) Benzidine	19.616	184	496	2.867	ng	# 1

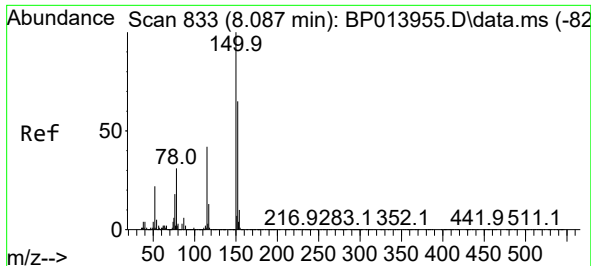
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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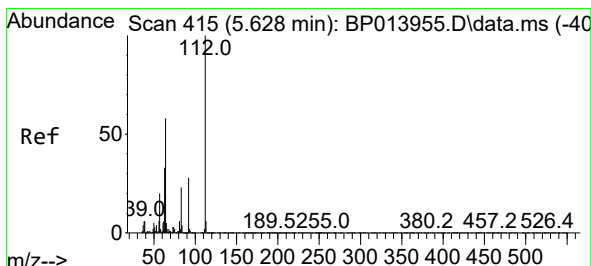
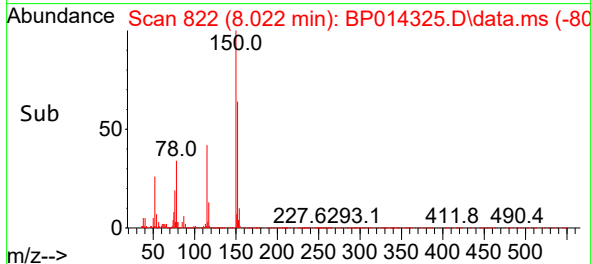
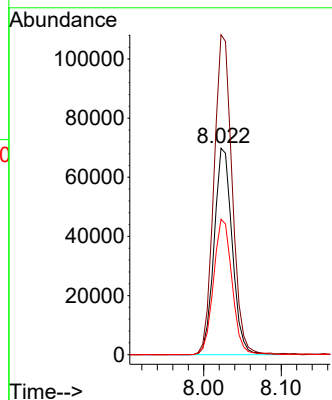
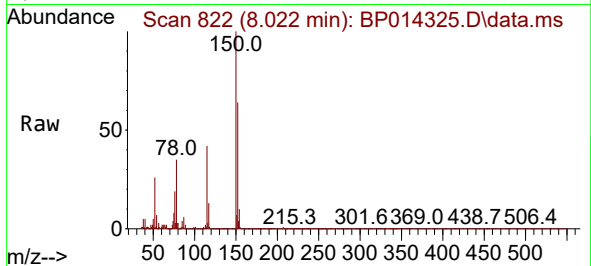




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

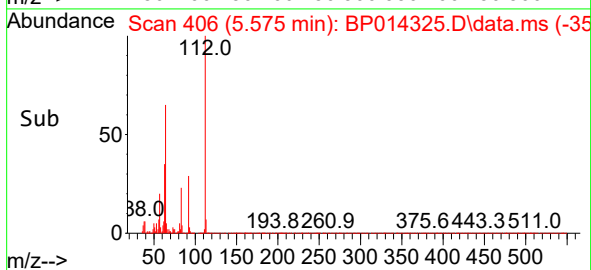
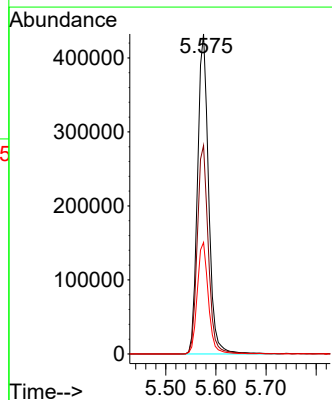
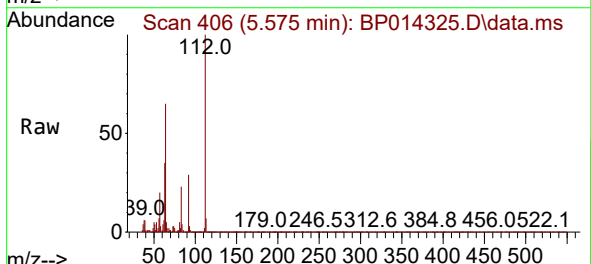
Instrument :
BNA_P
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PMW-1

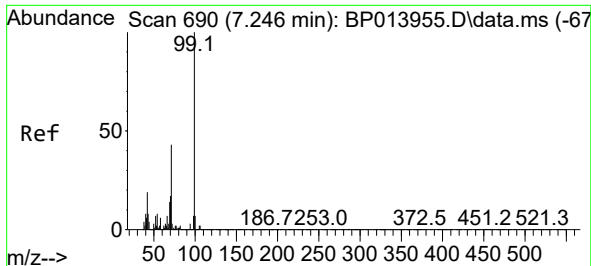
Tgt Ion:152 Resp: 113430
Ion Ratio Lower Upper
152 100
150 155.1 122.3 183.5
115 65.6 51.6 77.4



#5
2-Fluorophenol
Concen: 94.464 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

Tgt Ion:112 Resp: 660713
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 34.8 26.6 40.0

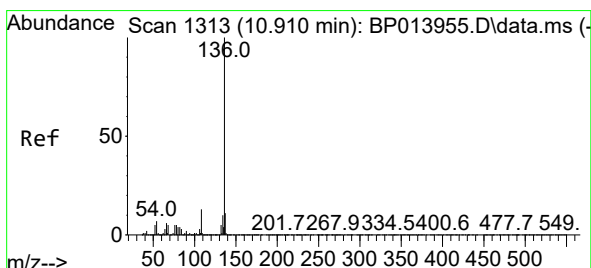
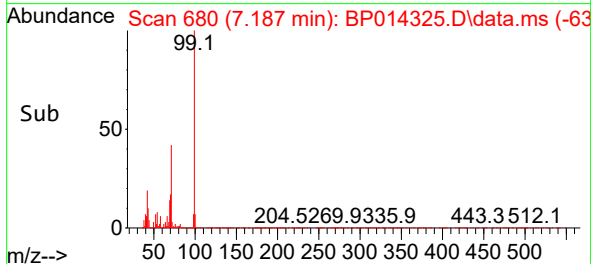
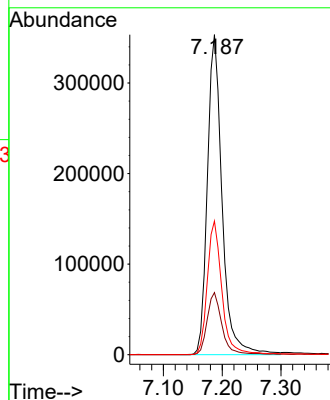
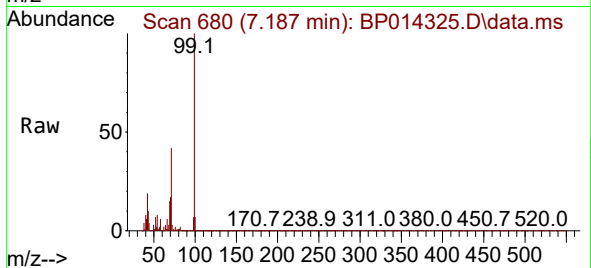




#7
Phenol-d6
Concen: 66.965 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

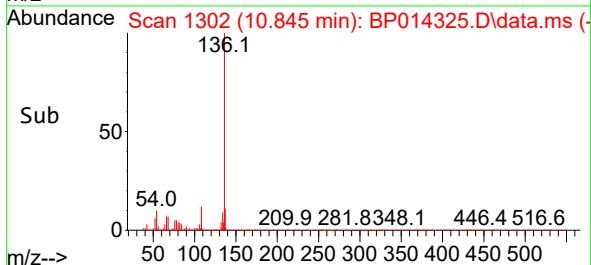
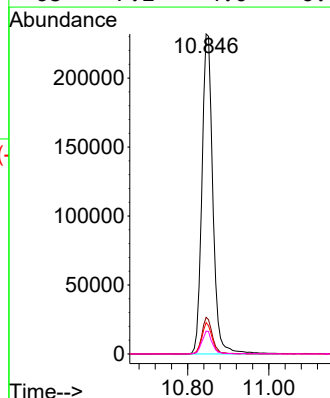
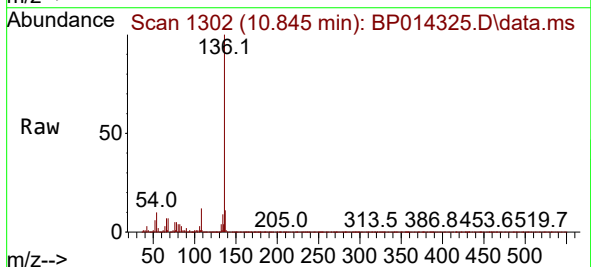
Instrument :
BNA_P
ClientSampleId :
PMW-1

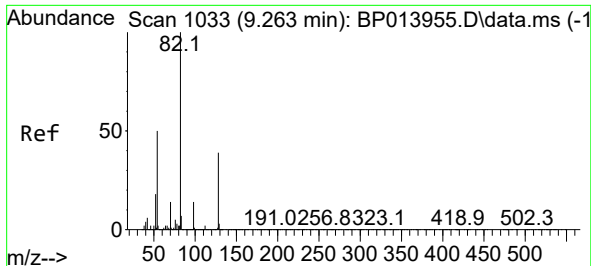
Tgt Ion: 99 Resp: 614942
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.6
71 41.8 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

Tgt Ion:136 Resp: 433297
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.8 5.8 8.8#
68 7.2 4.0 6.0#

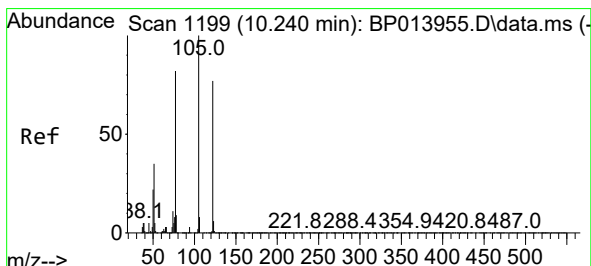
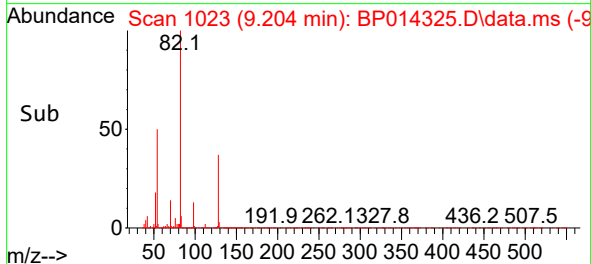
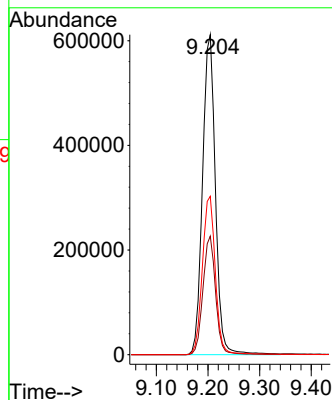
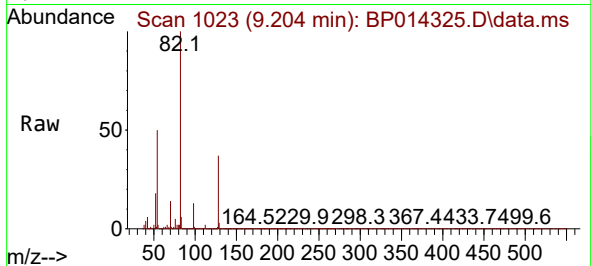




#23
Nitrobenzene-d5
Concen: 111.818 ng
RT: 9.204 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

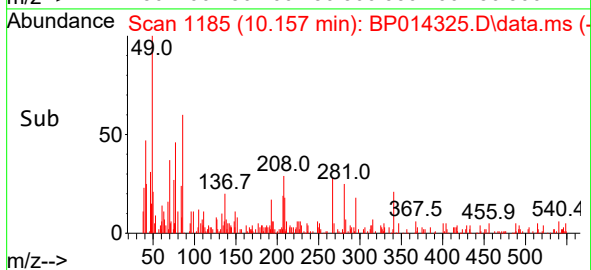
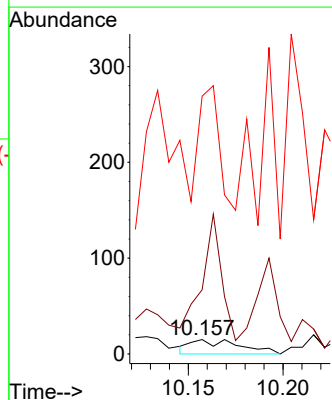
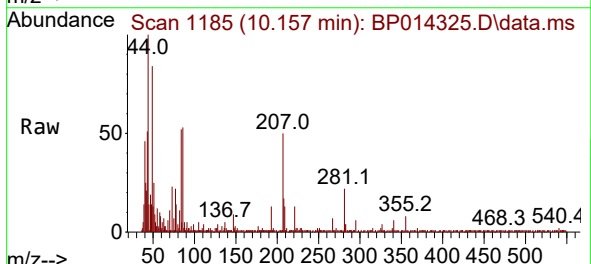
Instrument :
BNA_P
ClientSampleId :
PMW-1

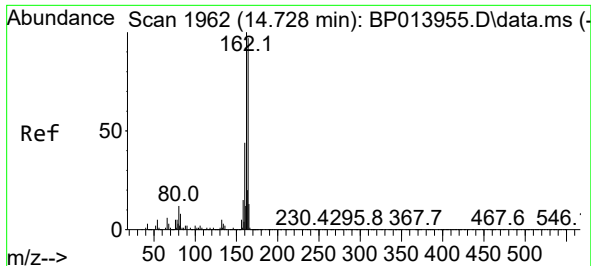
Tgt Ion: 82 Resp: 1060049
Ion Ratio Lower Upper
82 100
128 37.0 31.1 46.7
54 49.5 40.0 60.0



#32
Benzoic acid
Concen: 2.706 ng
RT: 10.157 min Scan# 1185
Delta R.T. -0.024 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

Tgt Ion:122 Resp: 27
Ion Ratio Lower Upper
122 100
105 446.7 108.2 148.2#
77 1793.3 85.2 125.2#

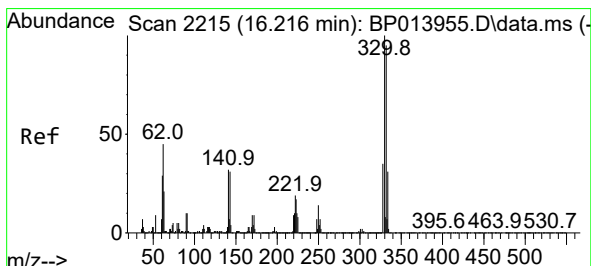
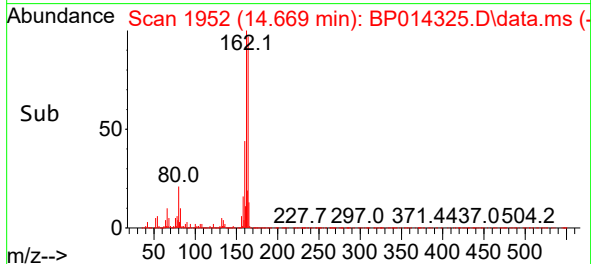
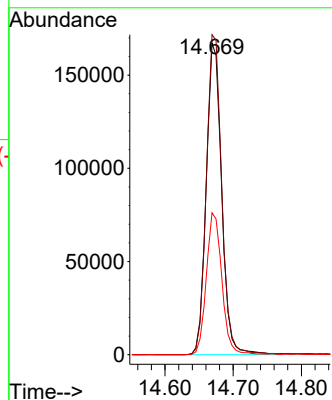
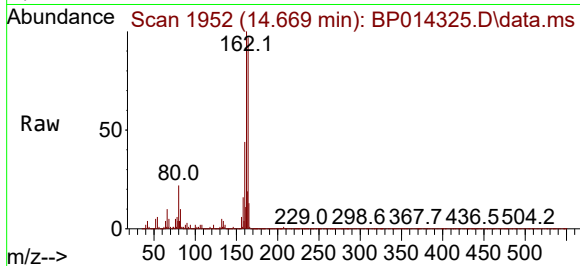




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

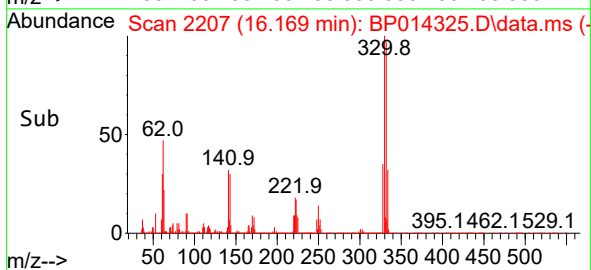
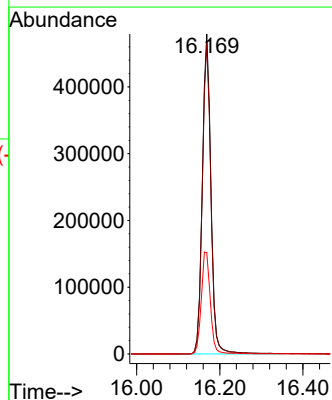
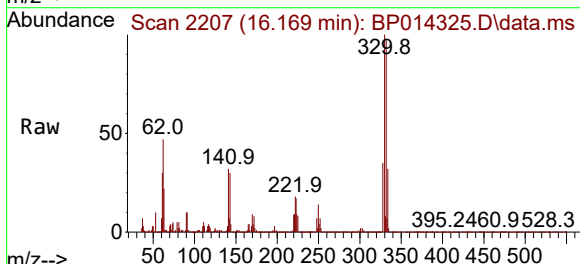
Instrument :
BNA_P
ClientSampleId :
PMW-1

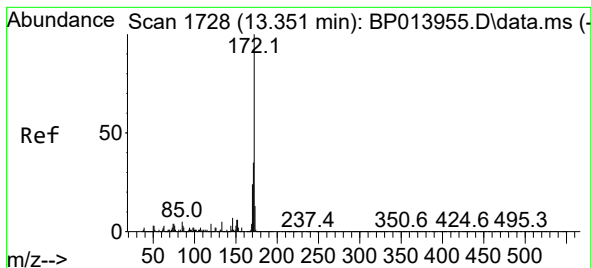
Tgt Ion:164 Resp: 263197
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 161.896 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

Tgt Ion:330 Resp: 690868
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 33.5 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 106.413 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014325.D

Acq: 27 Mar 2023 22:21

Instrument :

BNA_P

ClientSampleId :

PMW-1

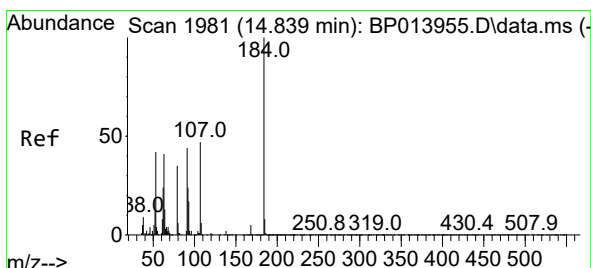
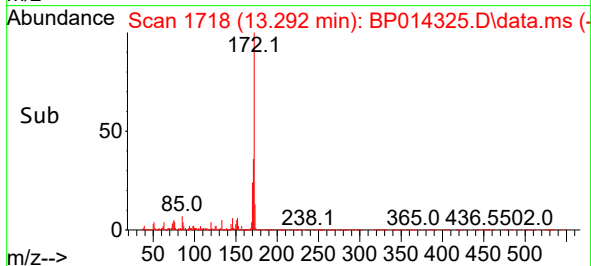
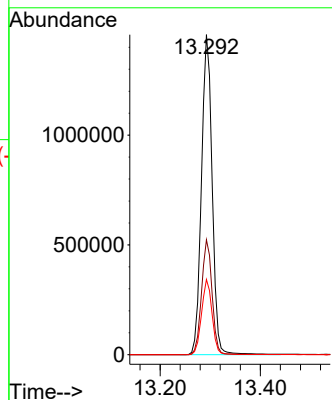
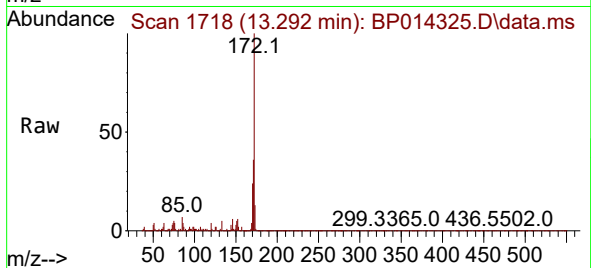
Tgt Ion:172 Resp: 2161783

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.086 ng

RT: 14.775 min Scan# 1970

Delta R.T. -0.024 min

Lab File: BP014325.D

Acq: 27 Mar 2023 22:21

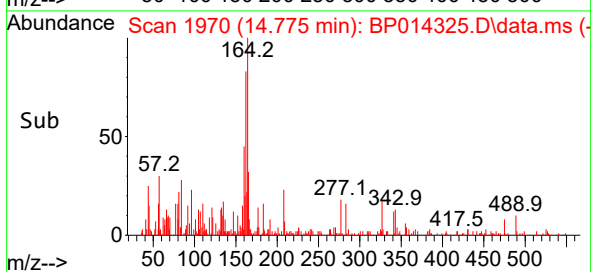
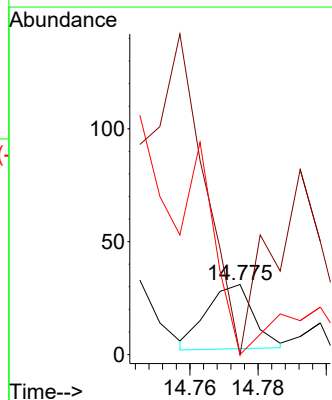
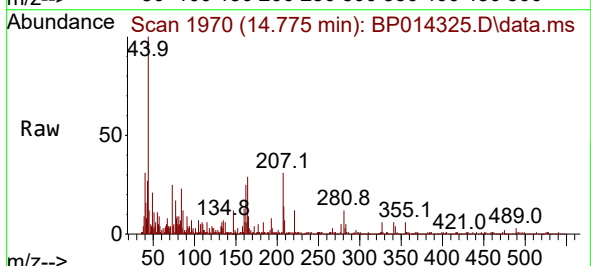
Tgt Ion:184 Resp: 27

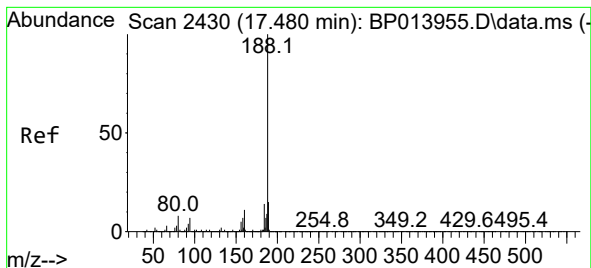
Ion Ratio Lower Upper

184 100

63 87.1 52.4 78.6#

154 0.0 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014325.D

Acq: 27 Mar 2023 22:21

Instrument :

BNA_P

ClientSampleId :

PMW-1

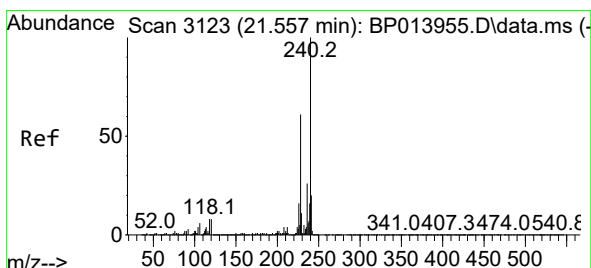
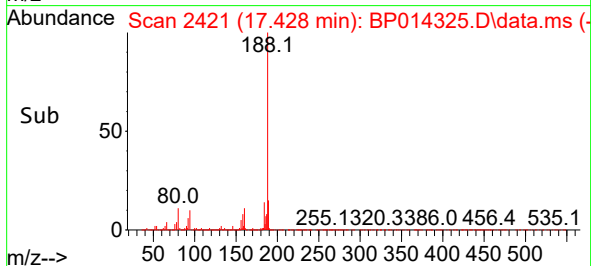
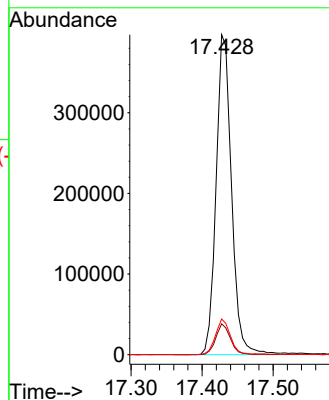
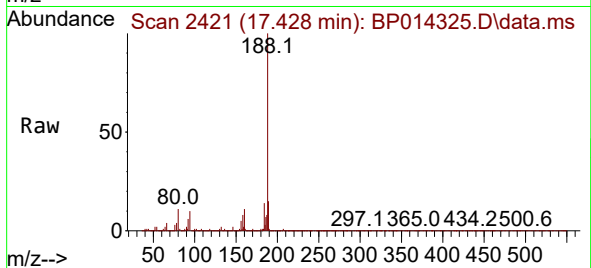
Tgt Ion:188 Resp: 597042

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.6#

80 11.2 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP014325.D

Acq: 27 Mar 2023 22:21

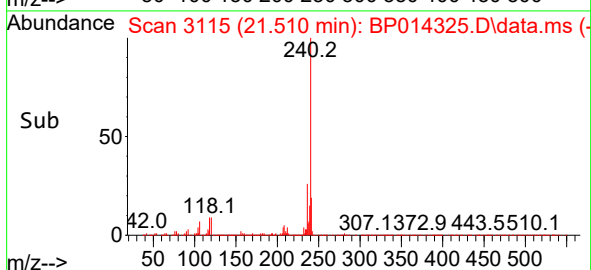
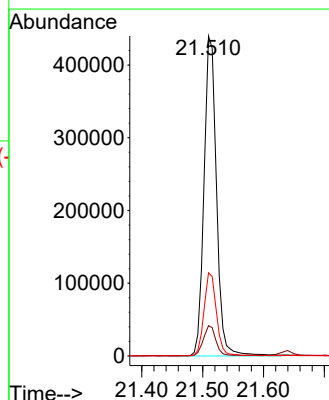
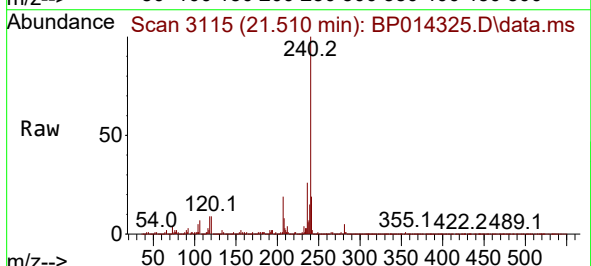
Tgt Ion:240 Resp: 627632

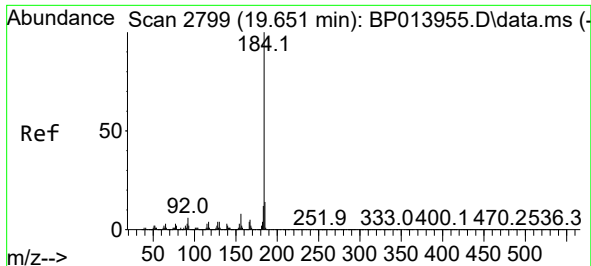
Ion Ratio Lower Upper

240 100

120 9.4 6.4 9.6

236 26.0 21.2 31.8

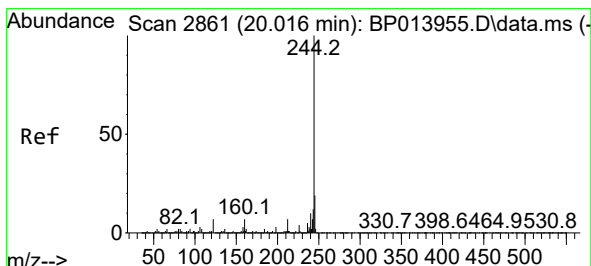
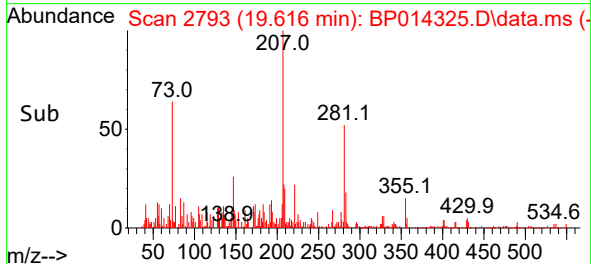
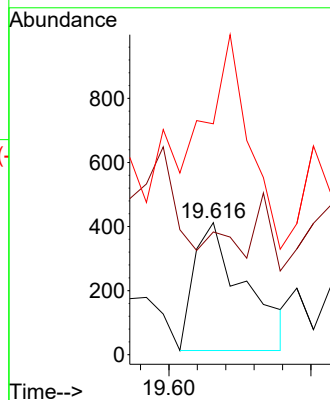
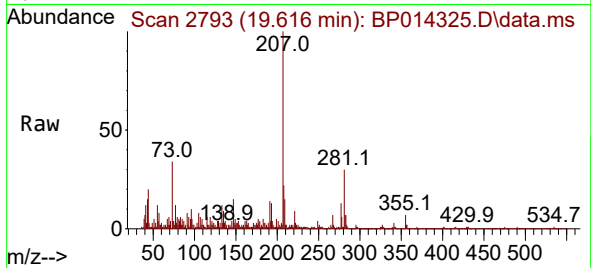




#77
Benzidine
Concen: 2.867 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

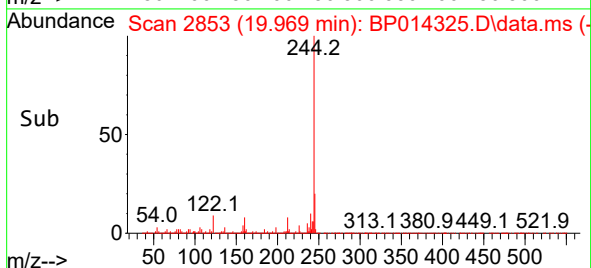
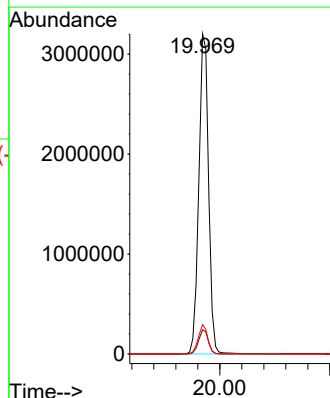
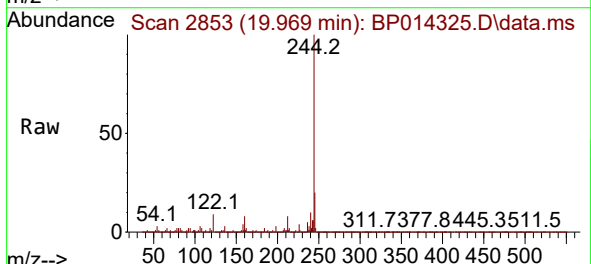
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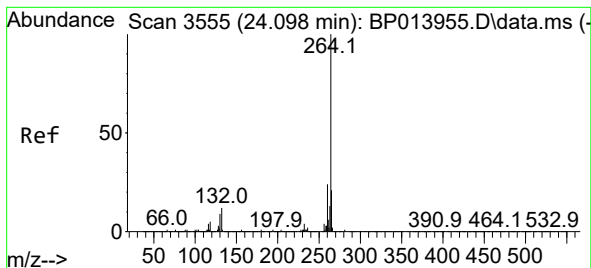
Tgt Ion:184 Resp: 496
Ion Ratio Lower Upper
184 100
185 93.0 11.6 17.4#
183 175.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 103.766 ng
RT: 19.969 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP014325.D
Acq: 27 Mar 2023 22:21

Tgt Ion:244 Resp: 3949589
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.2 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014325.D

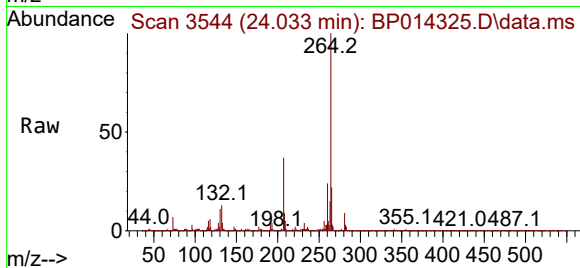
Acq: 27 Mar 2023 22:21

Instrument :

BNA_P

ClientSampleId :

PMW-1



Tgt Ion:264 Resp: 724386

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.5 17.8 26.8

