

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014304.D
 Acq On : 25 Mar 2023 00:06
 Operator : CG/JU
 Sample : 02021-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 25 03:24:07 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)

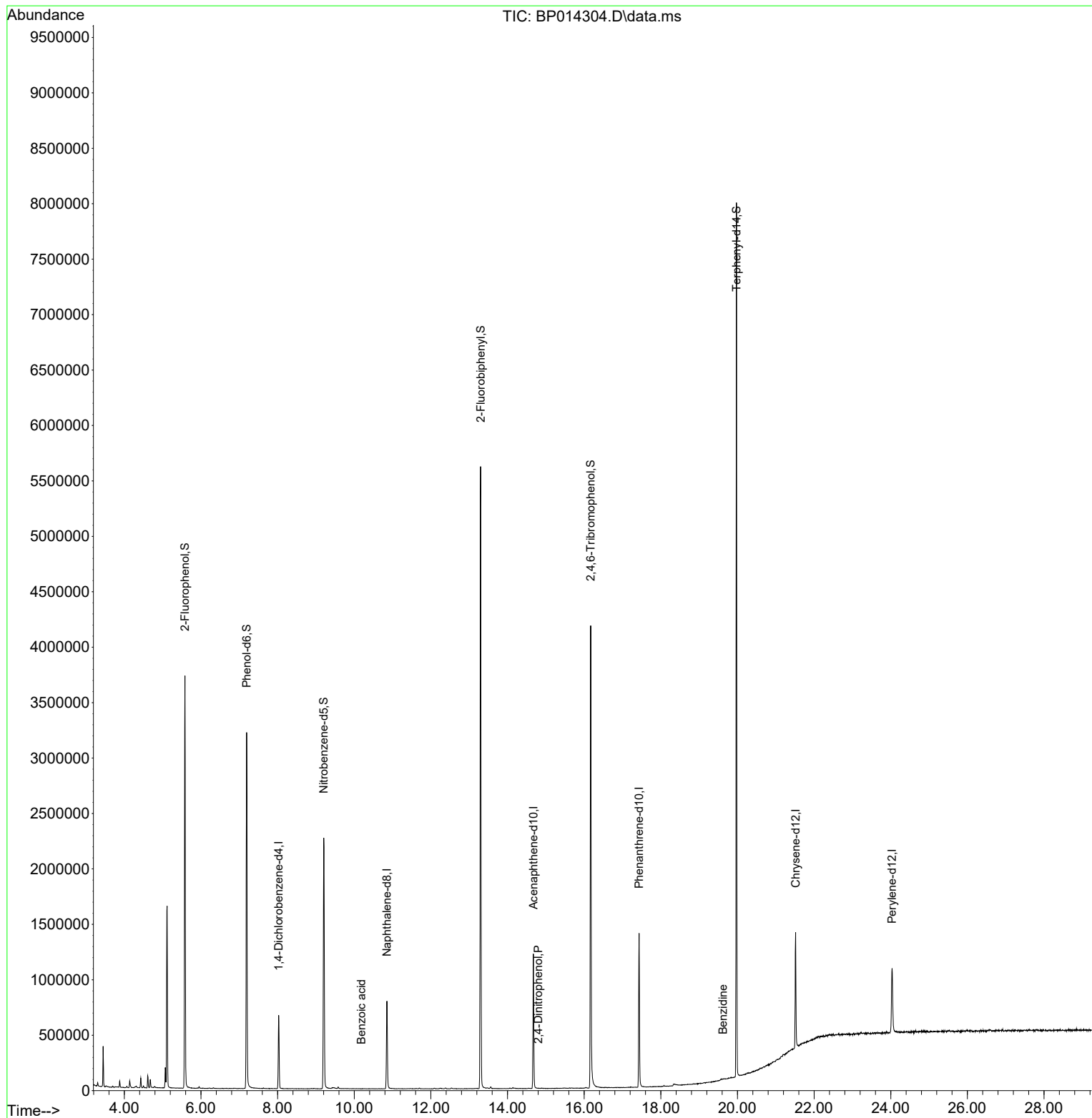
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	163732	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	631398	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	397774	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	808973	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	537610	20.000	ng	0.00
86) Perylene-d12	24.033	264	499140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1421134	140.761	ng	0.00
7) Phenol-d6	7.193	99	1739535	131.233	ng	0.00
23) Nitrobenzene-d5	9.205	82	1368405	99.056	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	804407	124.727	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2724107	88.726	ng	0.00
79) Terphenyl-d14	19.975	244	3552935	108.975	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.187	122	15	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.804	184	11	3.081	ng	# 1
77) Benzidine	19.622	184	36	2.838	ng	# 1

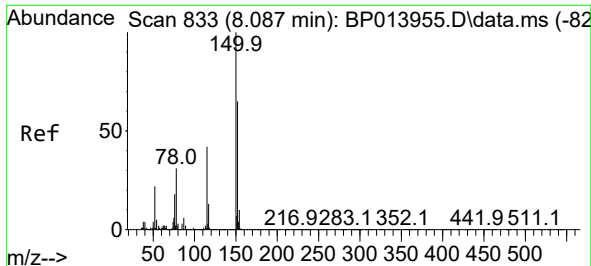
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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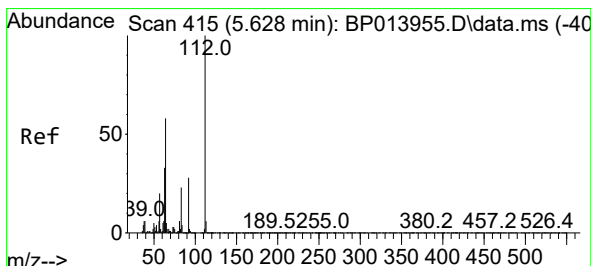
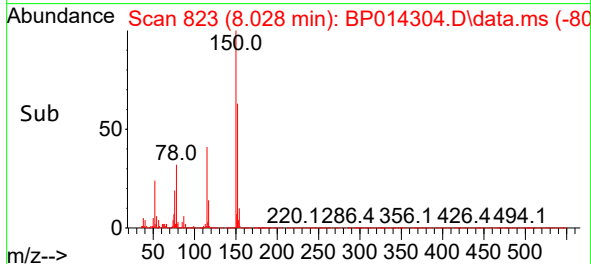
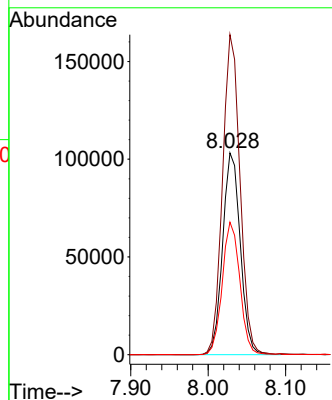
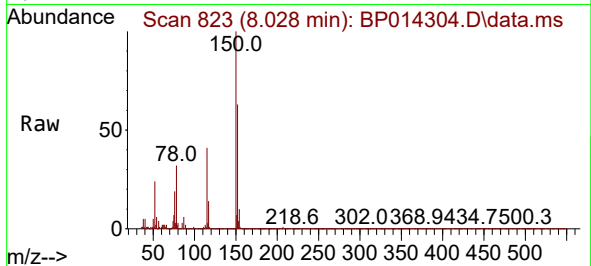




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014304.D
Acq: 25 Mar 2023 00:06

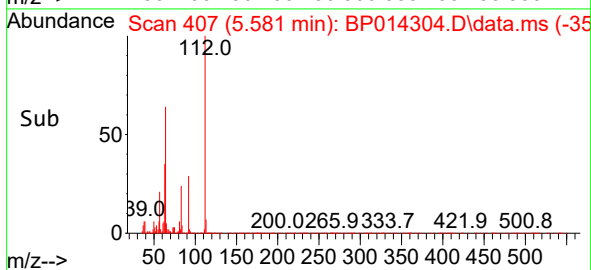
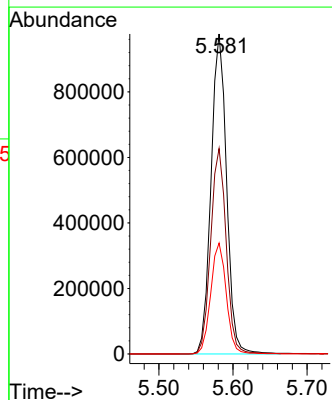
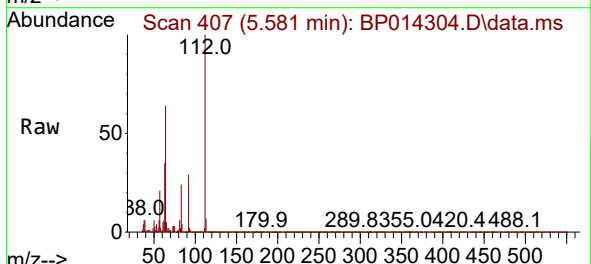
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023

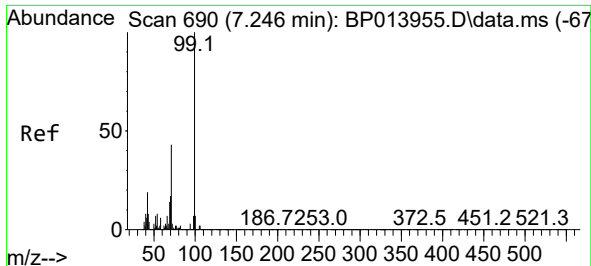
Tgt Ion:152 Resp: 163732
Ion Ratio Lower Upper
152 100
150 158.6 122.3 183.5
115 65.6 51.6 77.4



#5
2-Fluorophenol
Concen: 140.761 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014304.D
Acq: 25 Mar 2023 00:06

Tgt Ion:112 Resp: 1421134
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 34.6 26.6 40.0

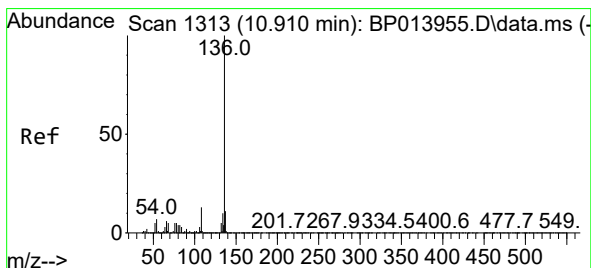
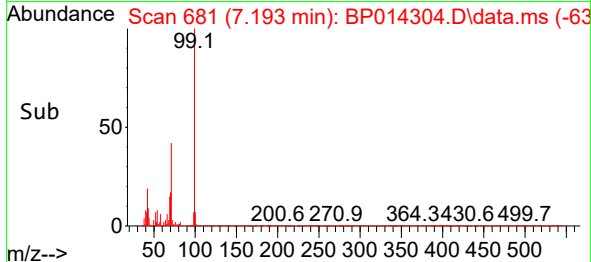
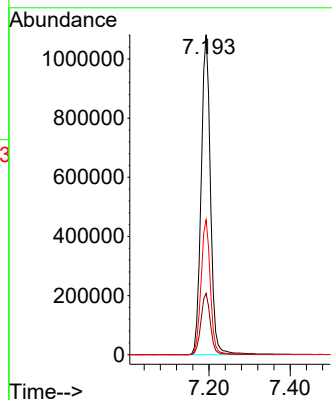
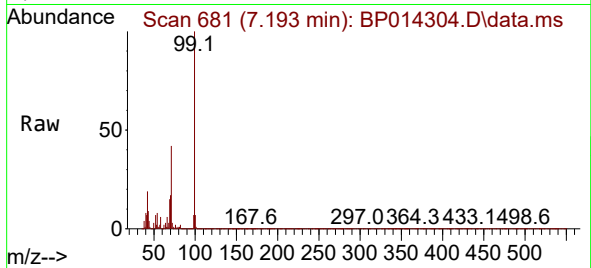




#7
Phenol-d6
Concen: 131.233 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014304.D
Acq: 25 Mar 2023 00:06

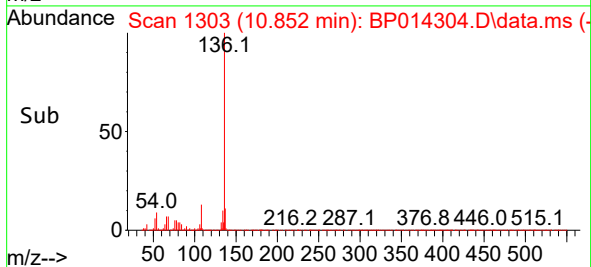
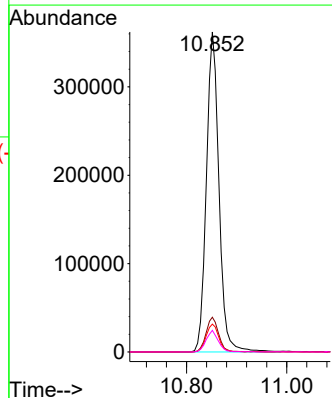
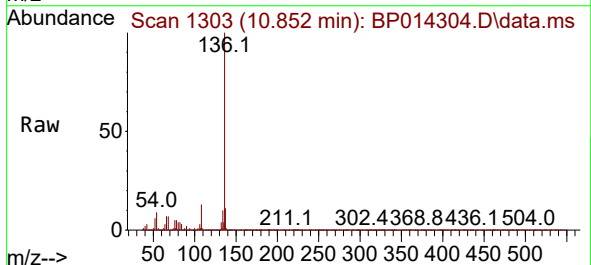
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023

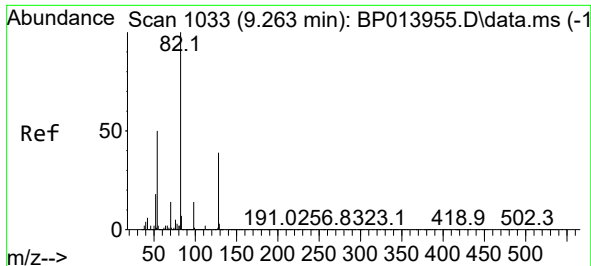
Tgt Ion: 99 Resp: 1739535
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.6
71 42.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014304.D
Acq: 25 Mar 2023 00:06

Tgt Ion: 136 Resp: 631398
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.7 5.8 8.8
68 6.8 4.0 6.0#





#23

Nitrobenzene-d5

Concen: 99.056 ng

RT: 9.205 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023

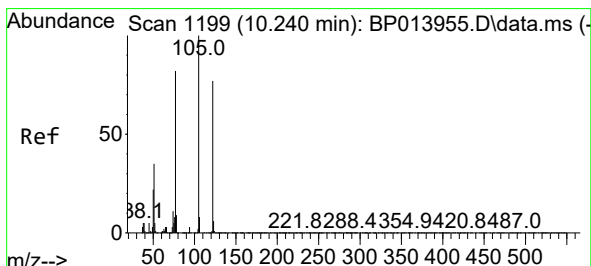
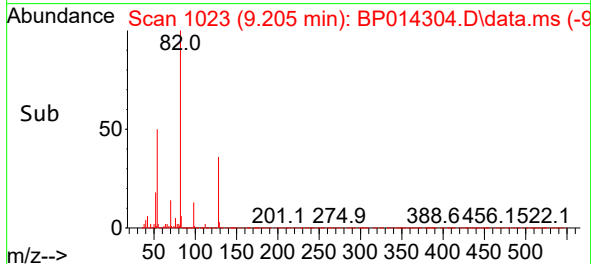
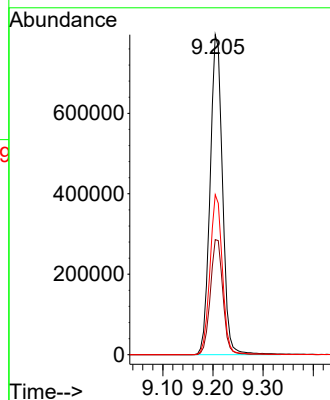
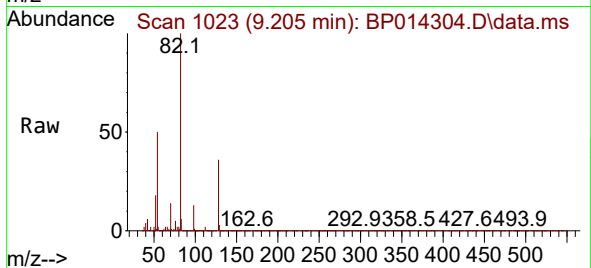
Tgt Ion: 82 Resp: 1368405

Ion Ratio Lower Upper

82 100

128 35.9 31.1 46.7

54 50.0 40.0 60.0



#32

Benzoic acid

Concen: 2.703 ng

RT: 10.187 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

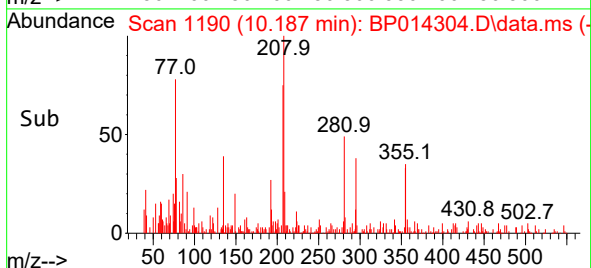
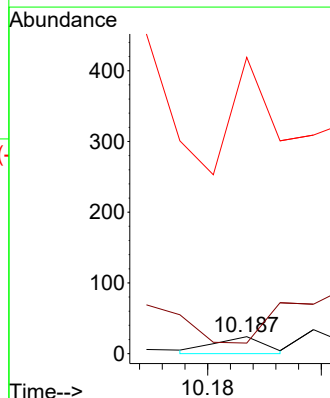
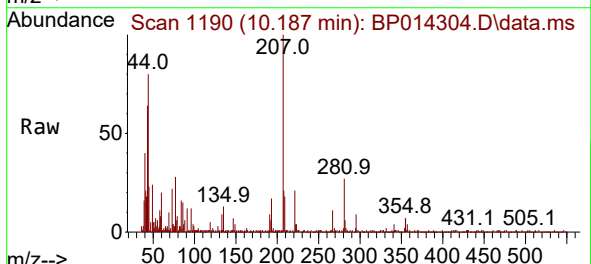
Tgt Ion:122 Resp: 15

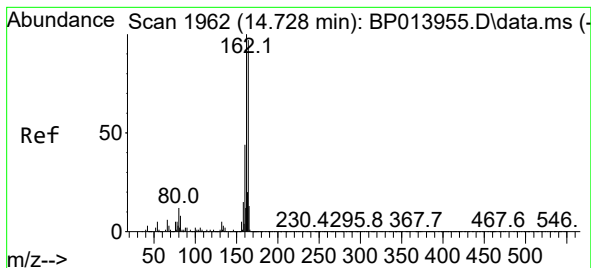
Ion Ratio Lower Upper

122 100

105 62.5 108.2 148.2#

77 1745.8 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023

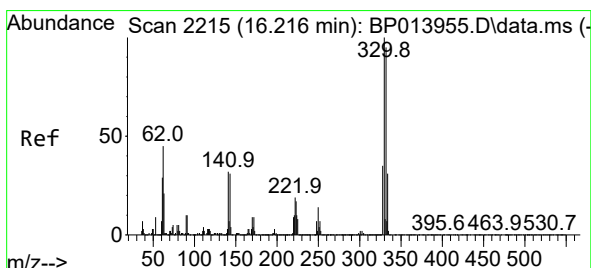
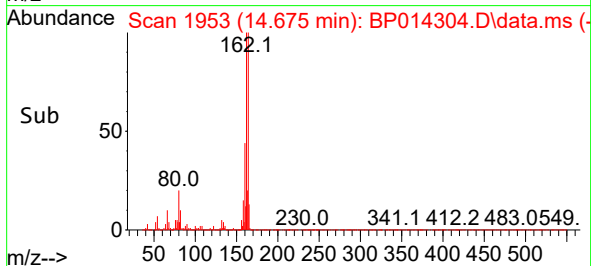
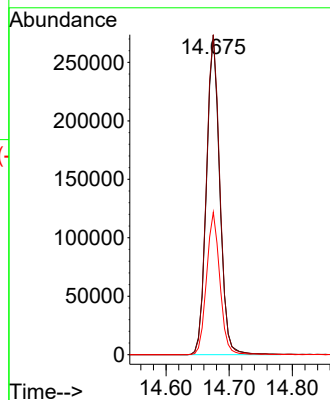
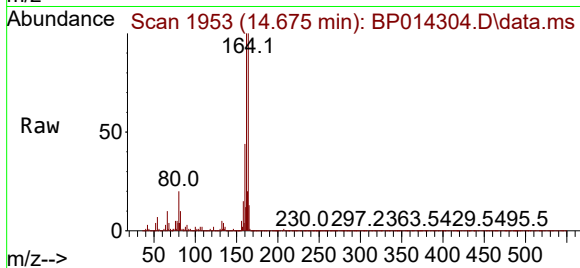
Tgt Ion:164 Resp: 397774

Ion Ratio Lower Upper

164 100

162 100.1 82.1 123.1

160 44.5 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 124.727 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

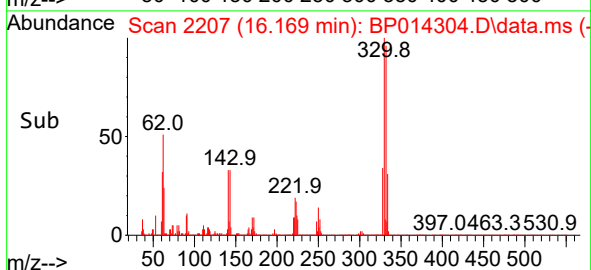
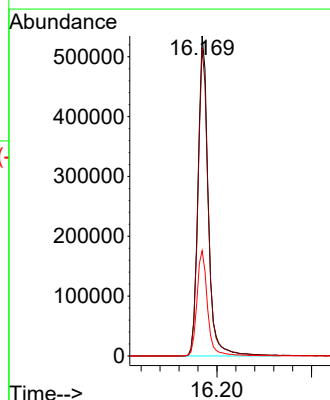
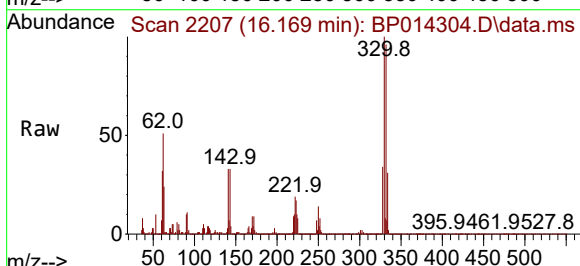
Tgt Ion:330 Resp: 804407

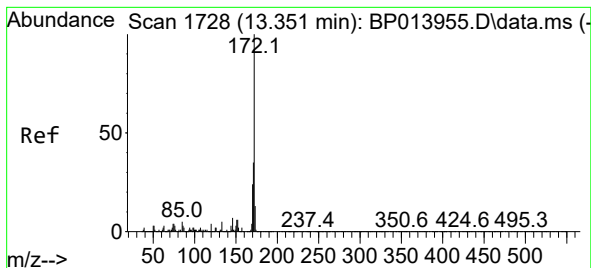
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 33.9 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 88.726 ng

RT: 13.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023

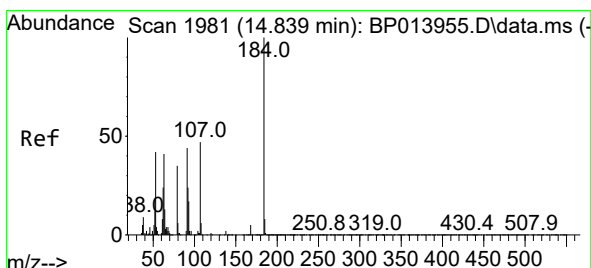
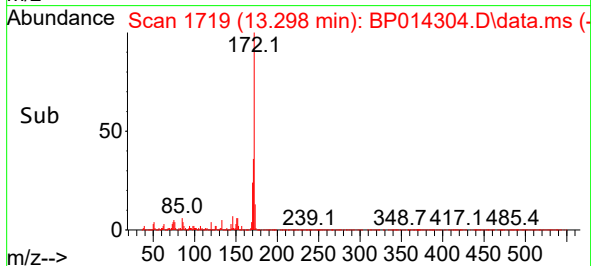
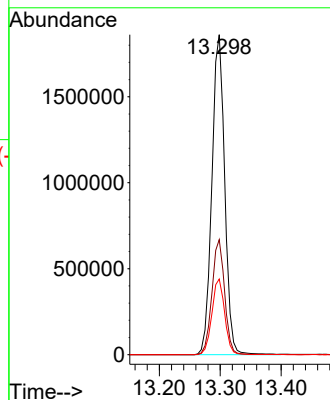
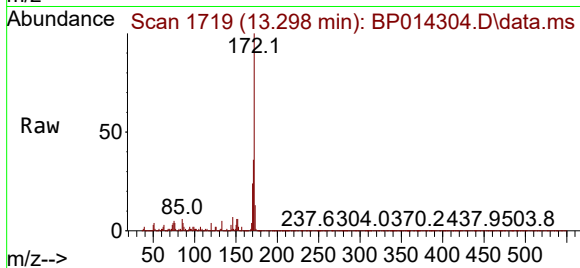
Tgt Ion:172 Resp: 2724107

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.081 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

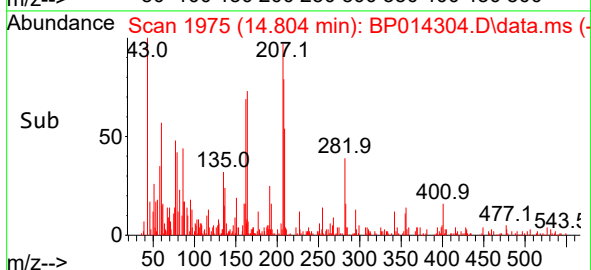
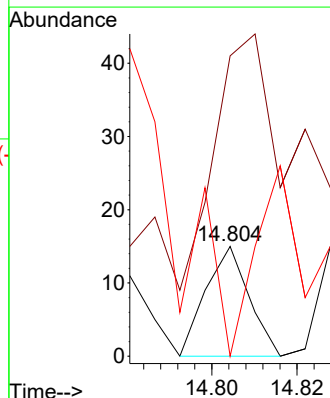
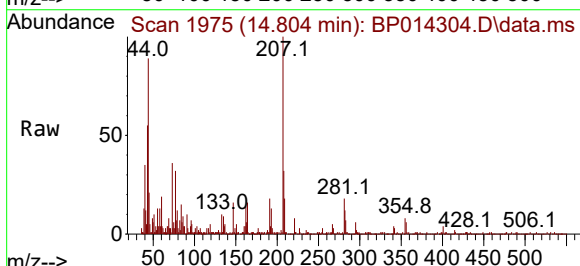
Tgt Ion:184 Resp: 11

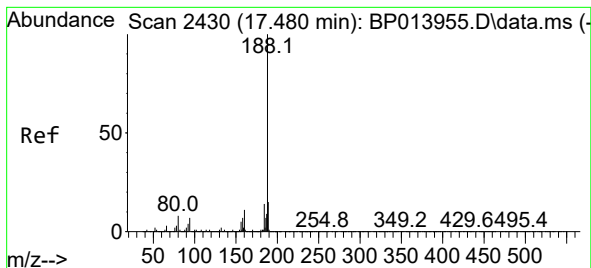
Ion Ratio Lower Upper

184 100

63 273.3 52.4 78.6#

154 0.0 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023

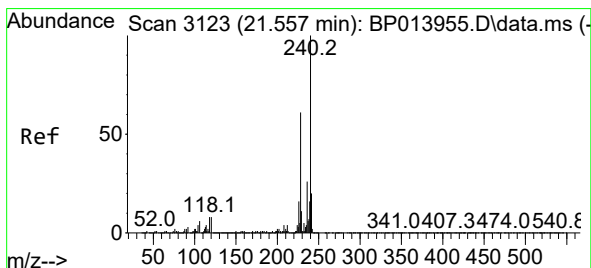
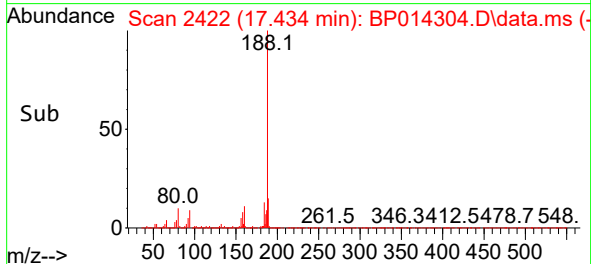
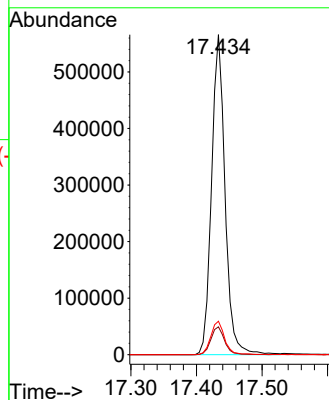
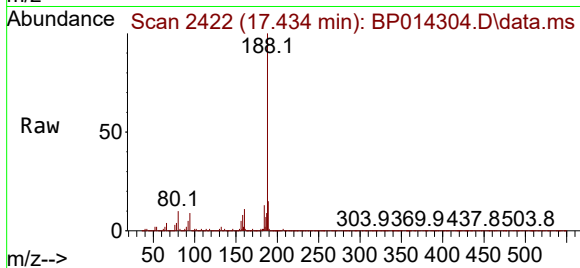
Tgt Ion:188 Resp: 808973

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

80 10.5 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

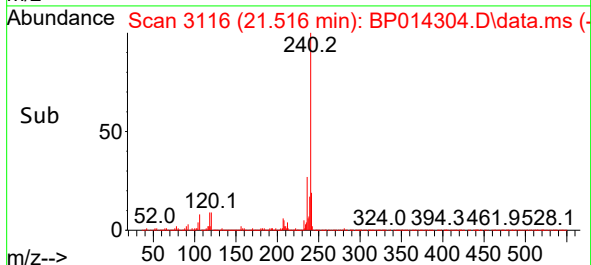
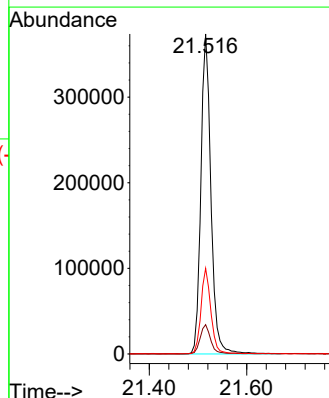
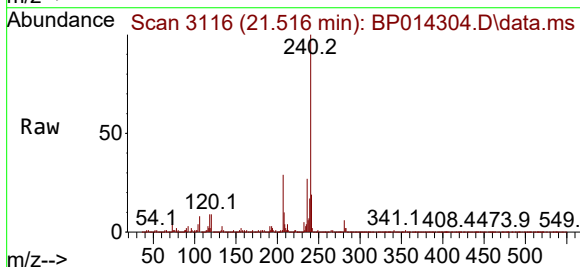
Tgt Ion:240 Resp: 537610

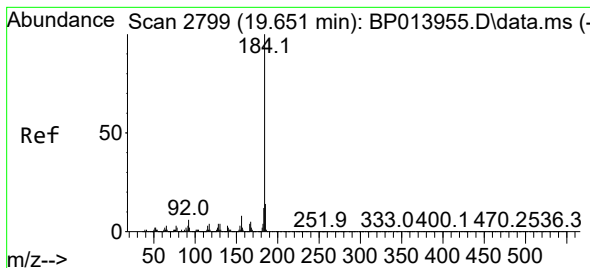
Ion Ratio Lower Upper

240 100

120 9.1 6.4 9.6

236 26.7 21.2 31.8





#77

Benzidine

Concen: 2.838 ng

RT: 19.622 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014304.D

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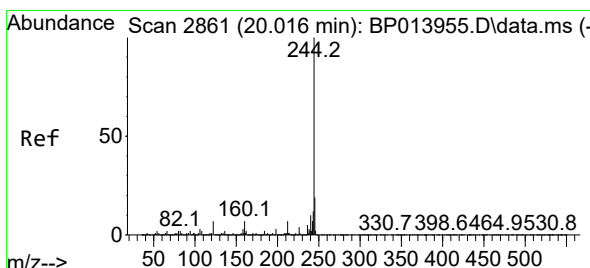
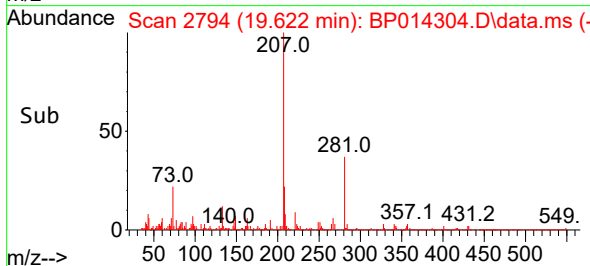
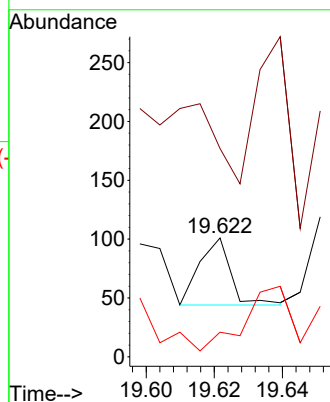
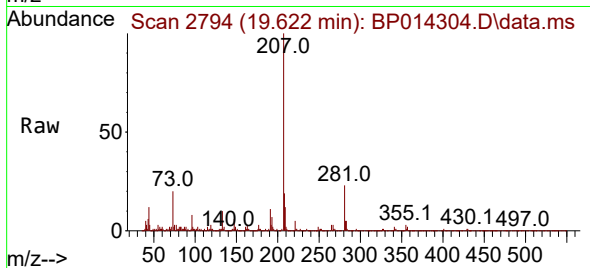
Tgt Ion:184 Resp: 36

Ion Ratio Lower Upper

184 100

185 175.2 11.6 17.4#

183 20.8 9.7 14.5#



#79

Terphenyl-d14

Concen: 108.975 ng

RT: 19.975 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP014304.D

Acq: 25 Mar 2023 00:06

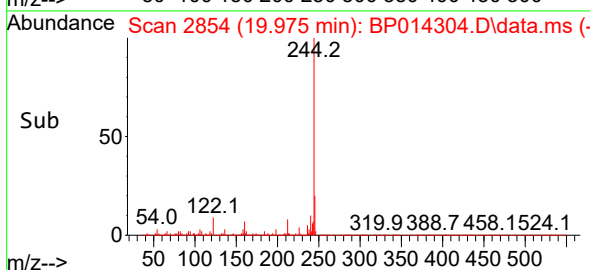
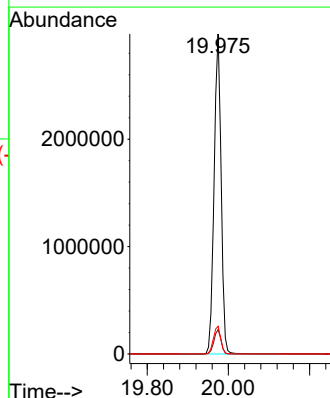
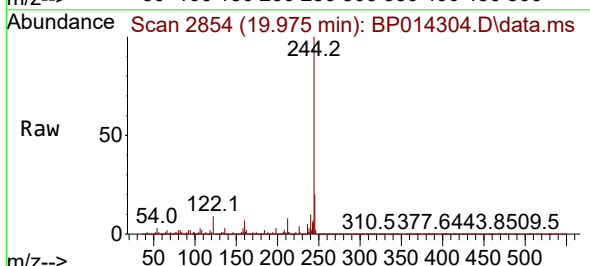
Tgt Ion:244 Resp: 3552935

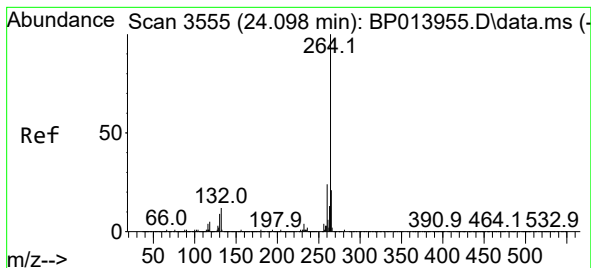
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.7 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: BP014304.D

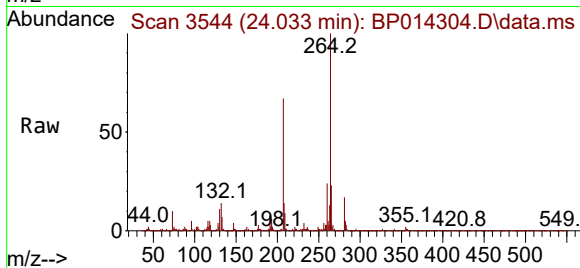
Acq: 25 Mar 2023 00:06

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023



Tgt Ion:264 Resp: 499140

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.8 17.8 26.8

