

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014308.D
 Acq On : 25 Mar 2023 02:23
 Operator : CG/JU
 Sample : 02021-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JPP-46A-032023

Quant Time: Mar 25 03:25:59 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)

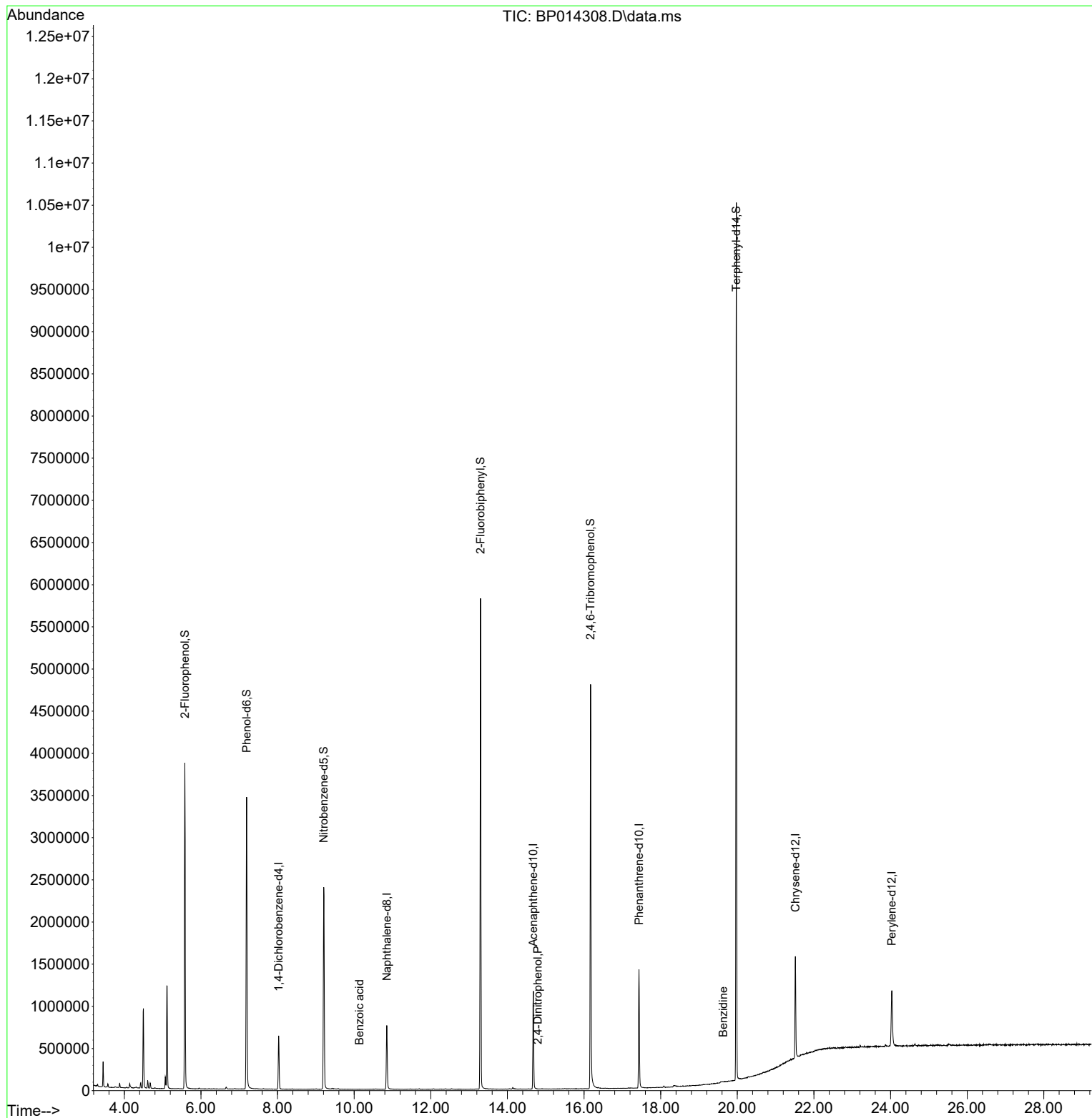
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	160014	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	615811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	387018	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	850162	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	645033	20.000	ng	# 0.00
86) Perylene-d12	24.033	264	577292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1502911	152.320	ng	0.00
7) Phenol-d6	7.193	99	1886699	145.642	ng	0.00
23) Nitrobenzene-d5	9.204	82	1431716	106.262	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	934828	148.978	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2856419	95.621	ng	0.00
79) Terphenyl-d14	19.974	244	4695429	120.033	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.134	122	31	2.705	ng	# 1
54) 2,4-Dinitrophenol	14.792	184	5	3.079	ng	# 1
77) Benzidine	19.633	184	49	2.838	ng	# 1

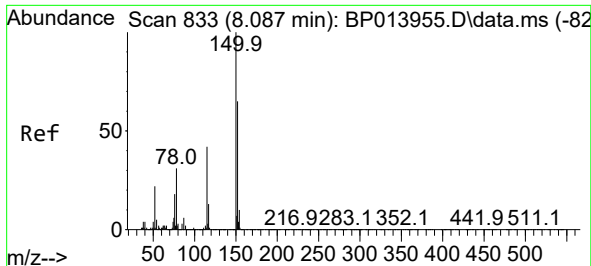
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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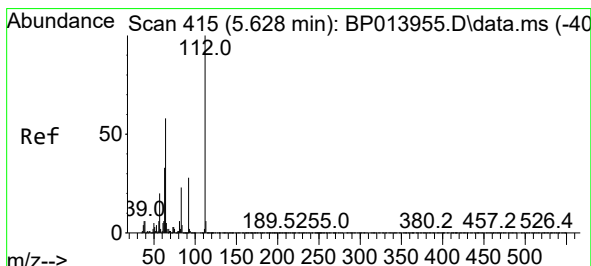
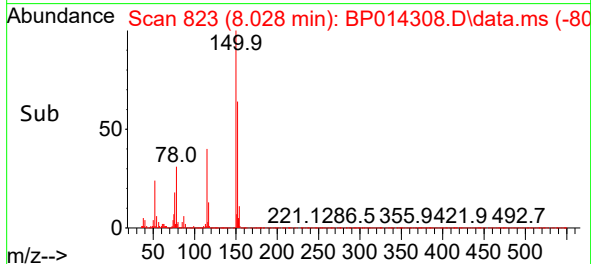
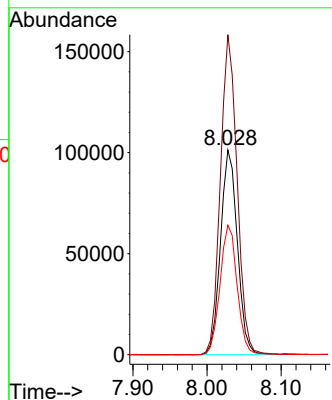
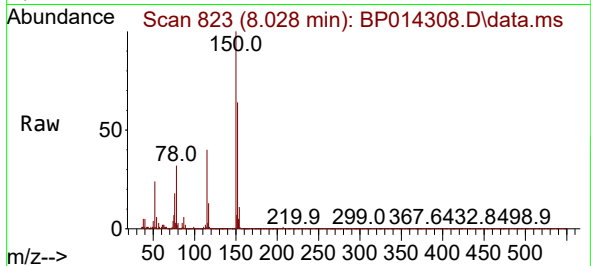




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

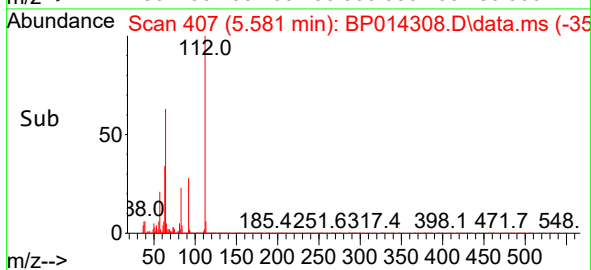
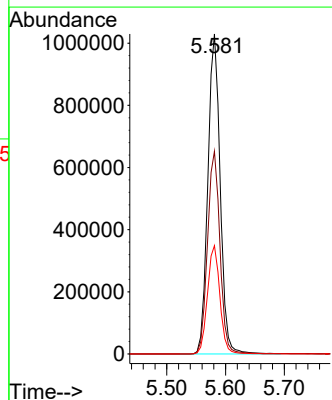
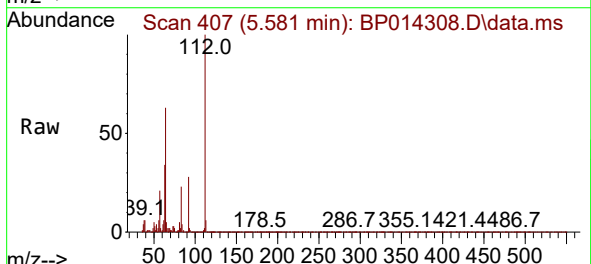
Instrument :
BNA_P
ClientSampleId :
JPP-46A-032023

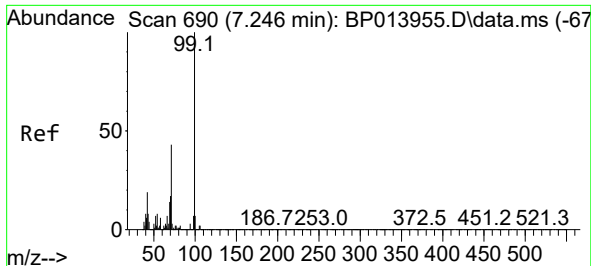
Tgt Ion:152 Resp: 160014
Ion Ratio Lower Upper
152 100
150 156.3 122.3 183.5
115 63.2 51.6 77.4



#5
2-Fluorophenol
Concen: 152.320 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

Tgt Ion:112 Resp: 1502911
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 33.9 26.6 40.0

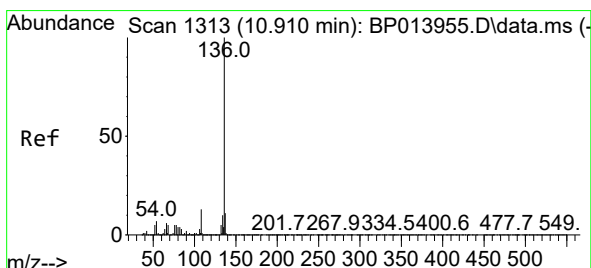
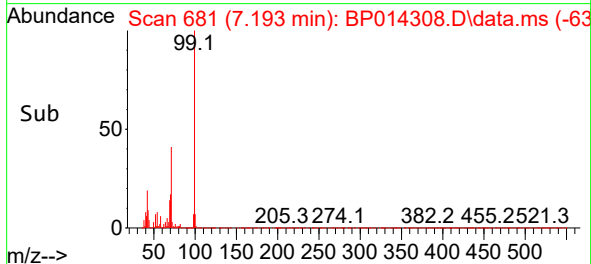
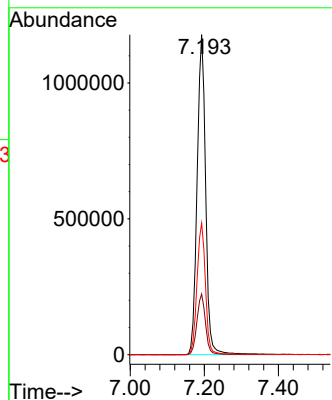
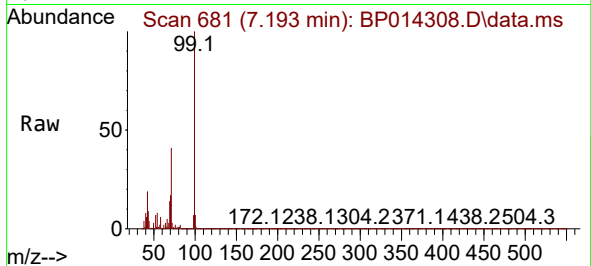




#7
Phenol-d6
Concen: 145.642 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

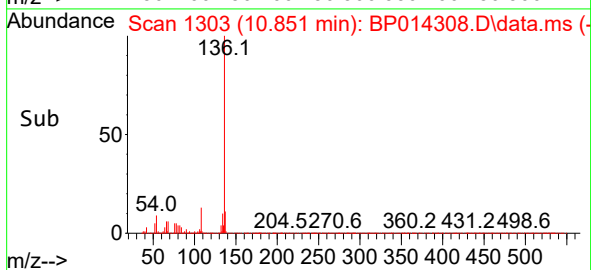
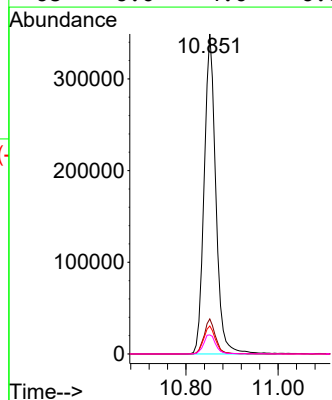
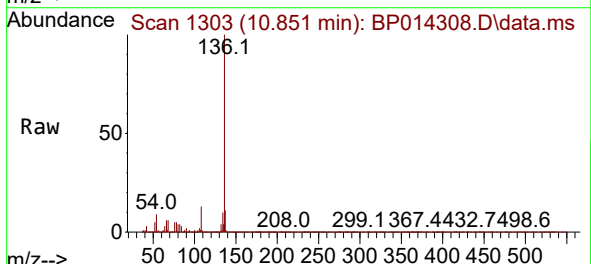
Instrument :
BNA_P
ClientSampleId :
JPP-46A-032023

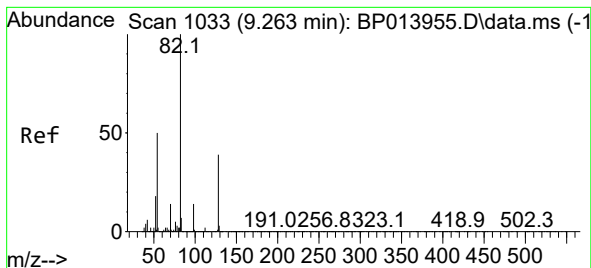
Tgt Ion: 99 Resp: 1886699
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

Tgt Ion:136 Resp: 615811
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.8 5.8 8.8#
68 6.0 4.0 6.0





#23

Nitrobenzene-d5

Concen: 106.262 ng

RT: 9.204 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

Instrument :

BNA_P

ClientSampleId :

JPP-46A-032023

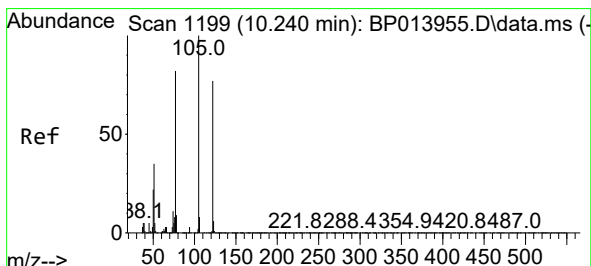
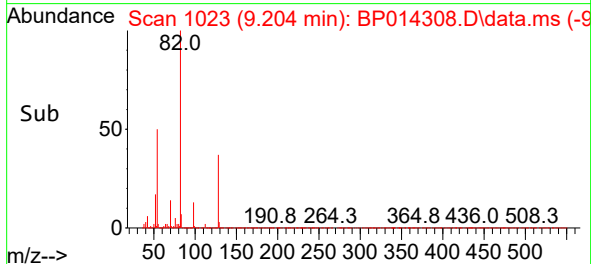
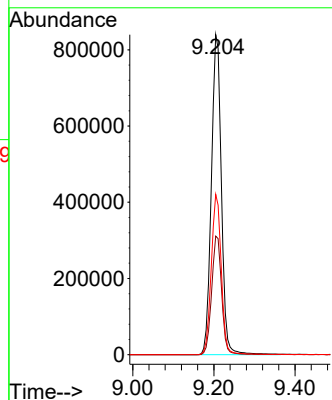
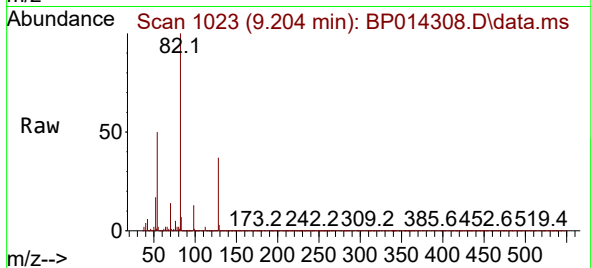
Tgt Ion: 82 Resp: 1431716

Ion Ratio Lower Upper

82 100

128 37.0 31.1 46.7

54 50.1 40.0 60.0



#32

Benzoic acid

Concen: 2.705 ng

RT: 10.134 min Scan# 1181

Delta R.T. -0.047 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

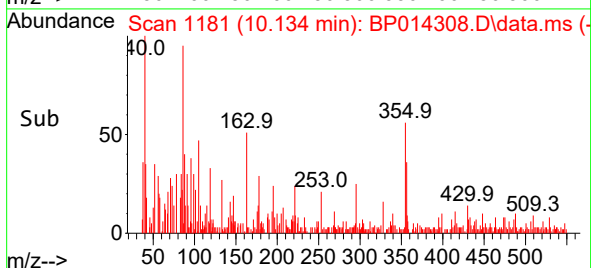
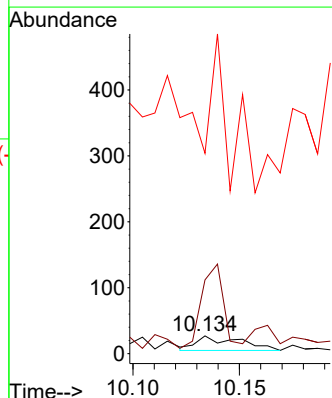
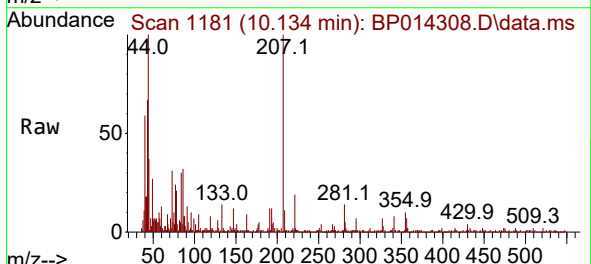
Tgt Ion:122 Resp: 31

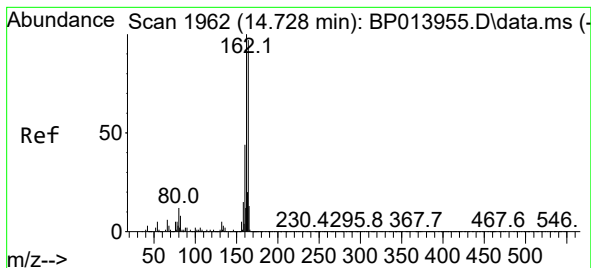
Ion Ratio Lower Upper

122 100

105 440.7 108.2 148.2#

77 1125.9 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

Instrument :

BNA_P

ClientSampleId :

JPP-46A-032023

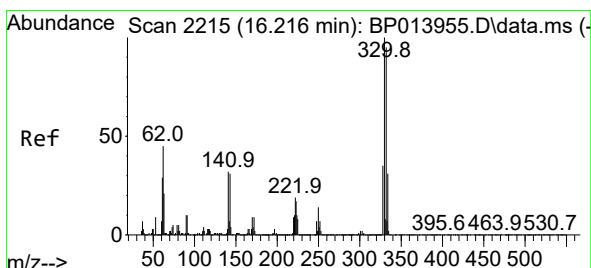
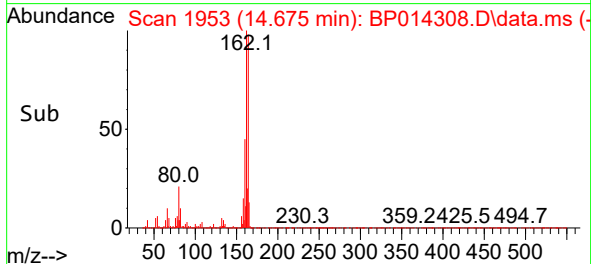
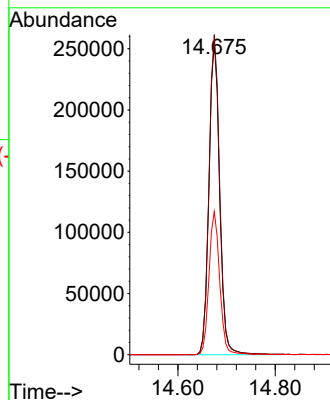
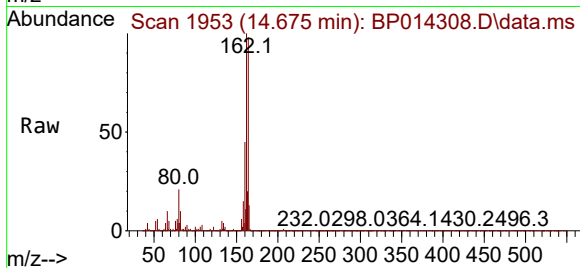
Tgt Ion:164 Resp: 387018

Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

160 45.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 148.978 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

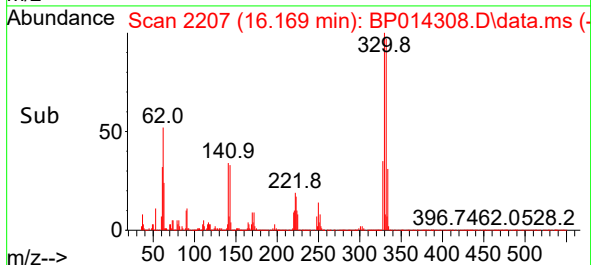
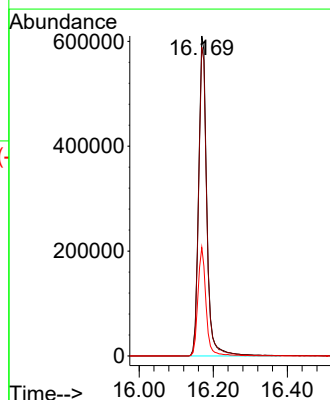
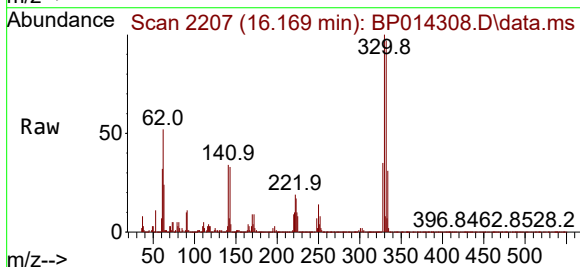
Tgt Ion:330 Resp: 934828

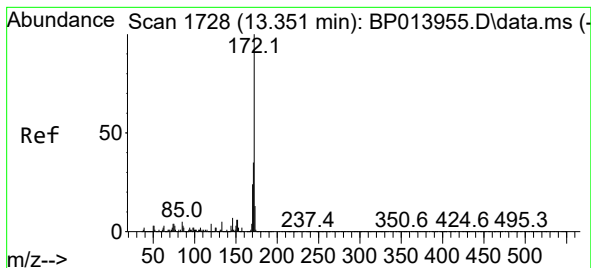
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 33.7 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 95.621 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

Instrument :

BNA_P

ClientSampleId :

JPP-46A-032023

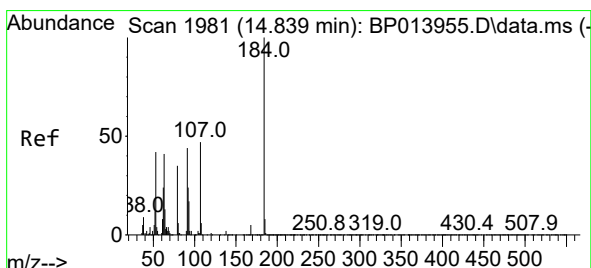
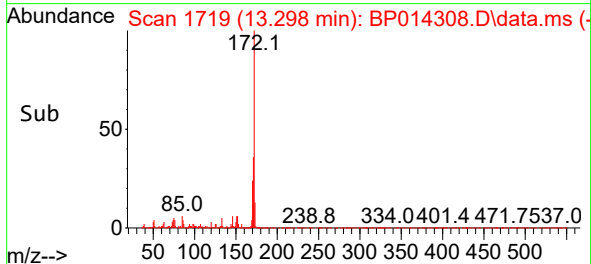
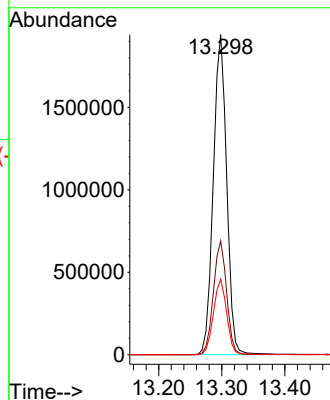
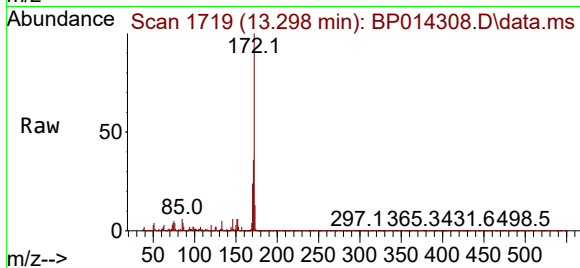
Tgt Ion:172 Resp: 2856419

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.079 ng

RT: 14.792 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP014308.D

Acq: 25 Mar 2023 02:23

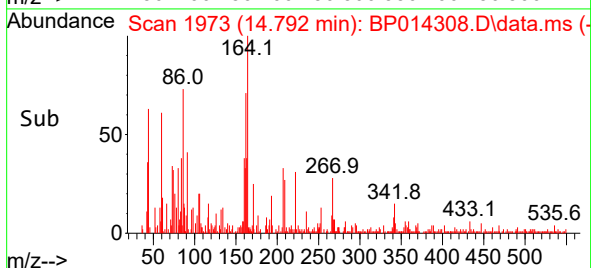
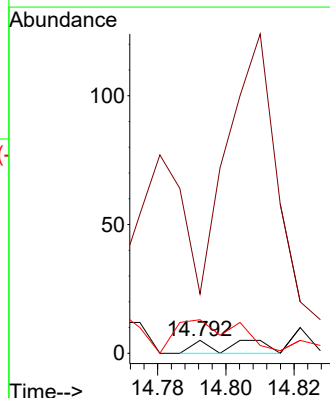
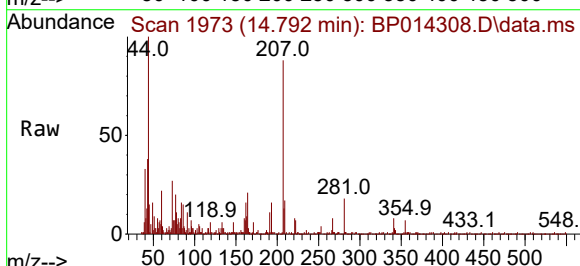
Tgt Ion:184 Resp: 5

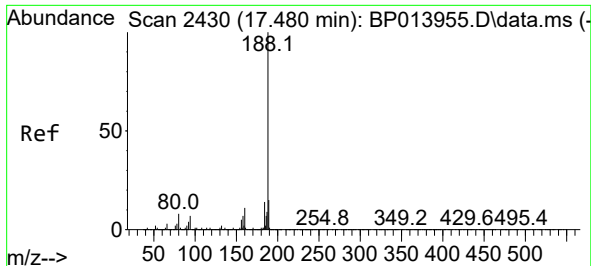
Ion Ratio Lower Upper

184 100

63 460.0 52.4 78.6#

154 260.0 59.4 89.2#

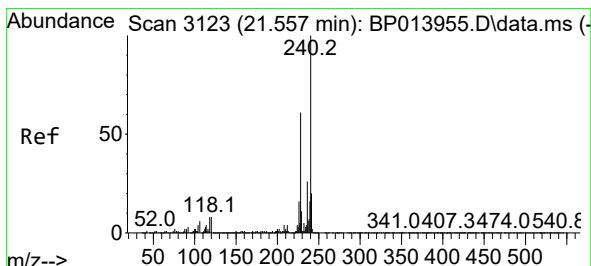
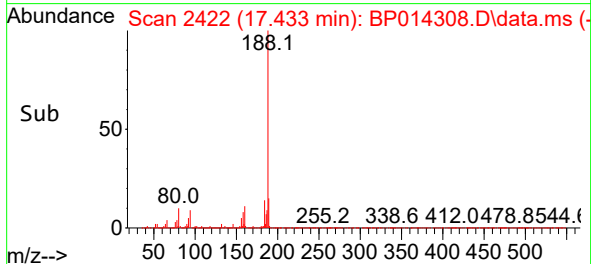
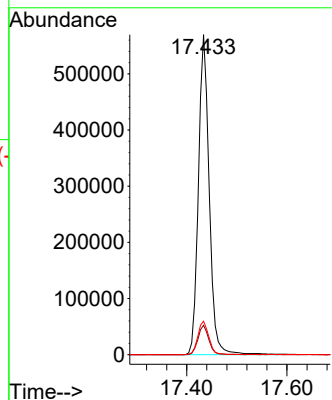
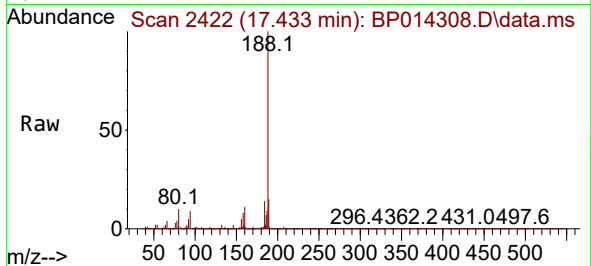




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

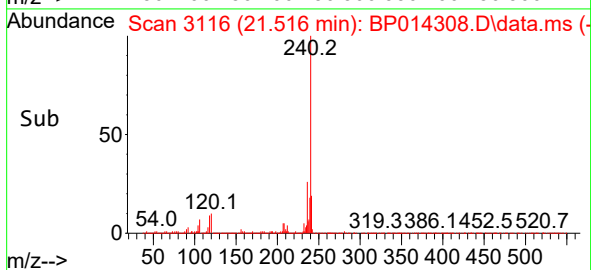
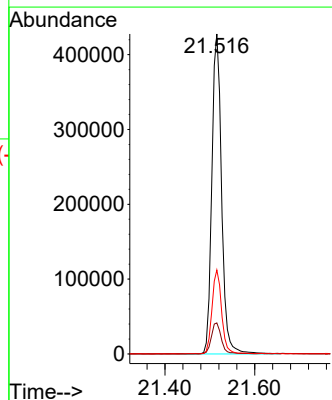
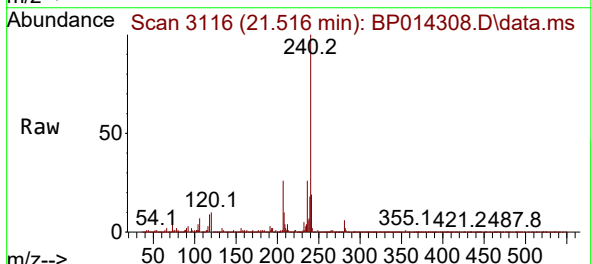
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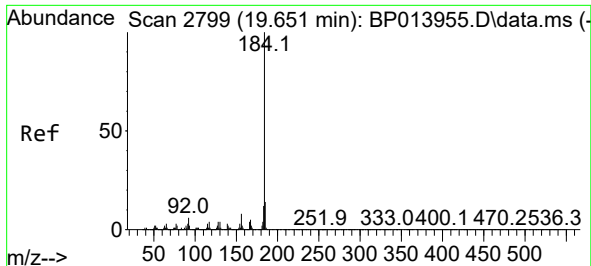
Tgt Ion:188 Resp: 850162
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 10.5 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

Tgt Ion:240 Resp: 645033
Ion Ratio Lower Upper
240 100
120 9.7 6.4 9.6#
236 26.3 21.2 31.8

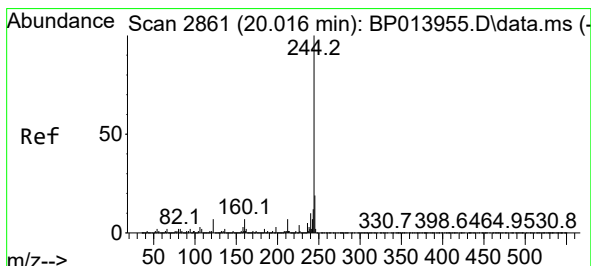
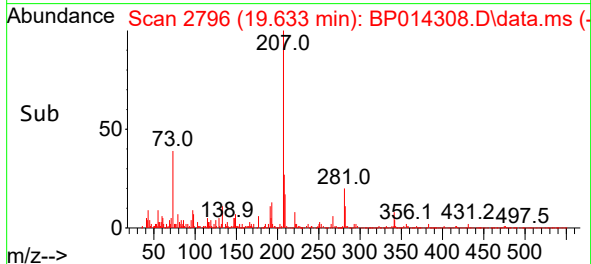
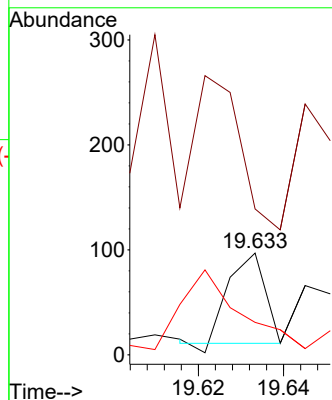
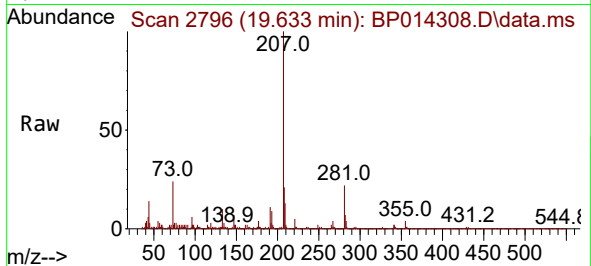




#77
Benzidine
Concen: 2.838 ng
RT: 19.633 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

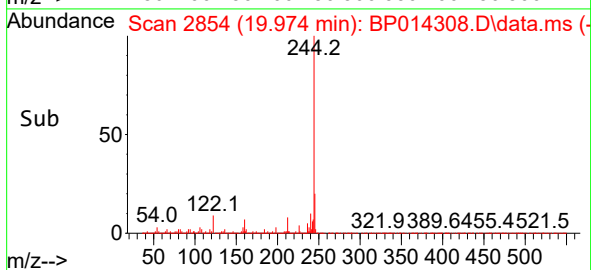
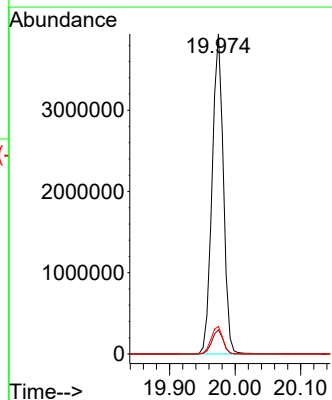
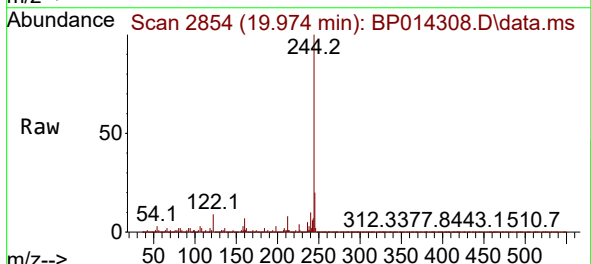
Instrument :
BNA_P
ClientSampleId :
JPP-46A-032023

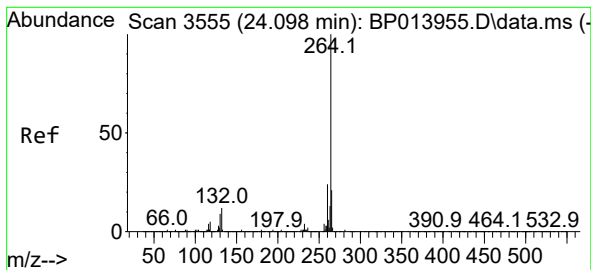
Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
185 143.3 11.6 17.4#
183 32.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 120.033 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014308.D
Acq: 25 Mar 2023 02:23

Tgt Ion:244 Resp: 4695429
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.6 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: BP014308.D

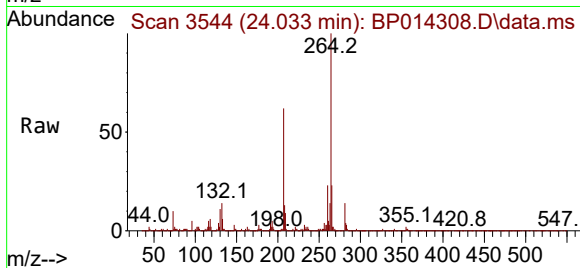
Acq: 25 Mar 2023 02:23

Instrument :

BNA_P

ClientSampleId :

JPP-46A-032023



Tgt Ion:264 Resp: 577292

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 22.7 17.8 26.8

