

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014096.D
 Acq On : 14 Mar 2023 22:51
 Operator : CG/JU
 Sample : SP6147
 Misc : 625 SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP6147

Quant Time: Mar 15 04:38:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

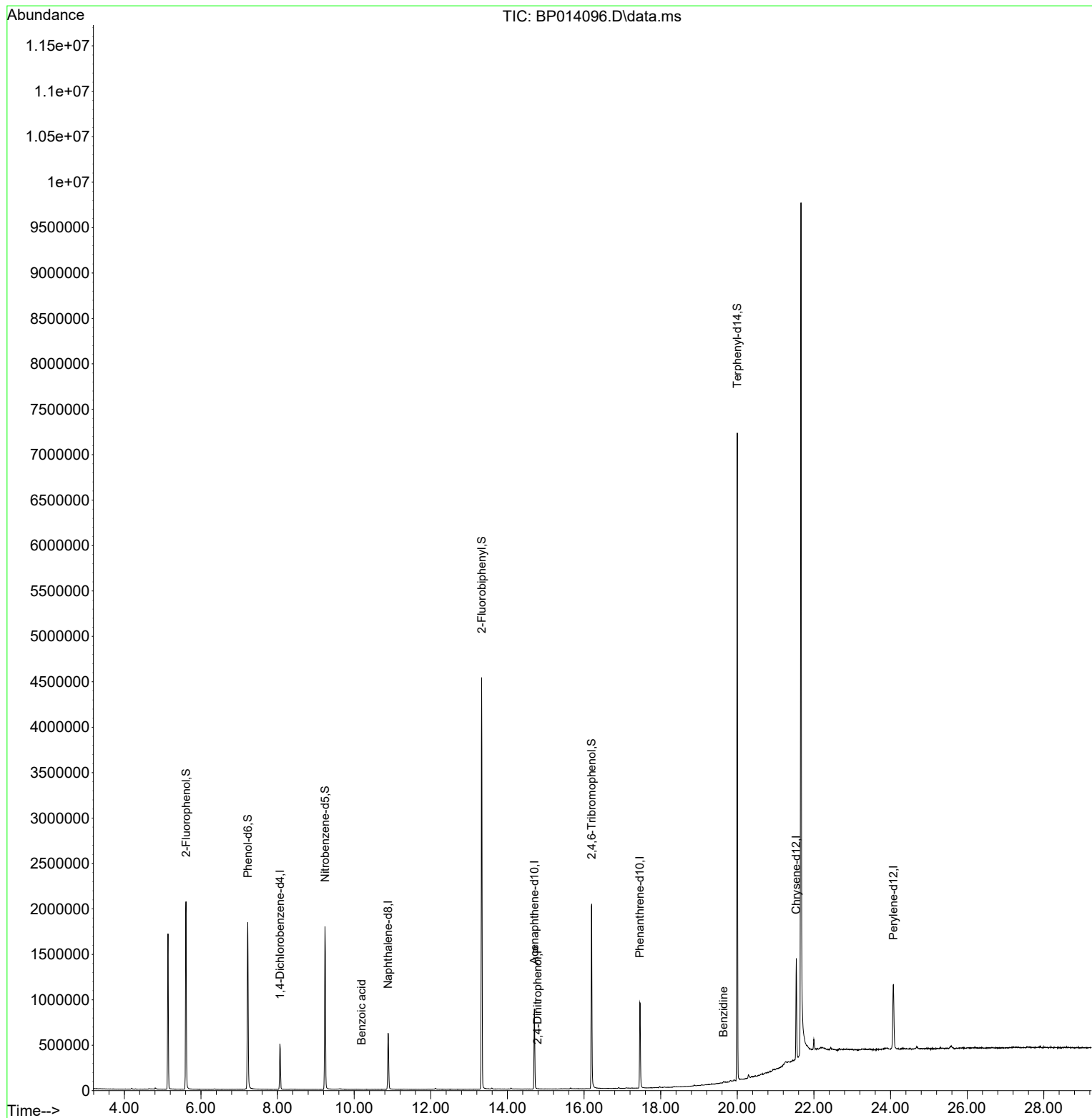
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	127858	20.000	ng	-0.01
21) Naphthalene-d8	10.887	136	506112	20.000	ng	#-0.01
39) Acenaphthene-d10	14.704	164	291588	20.000	ng	-0.01
64) Phenanthrene-d10	17.457	188	609166	20.000	ng	#-0.01
76) Chrysene-d12	21.539	240	558475	20.000	ng	0.00
86) Perylene-d12	24.074	264	596716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	834189	105.808	ng	0.00
7) Phenol-d6	7.222	99	1046489	101.100	ng	0.00
23) Nitrobenzene-d5	9.240	82	1048716	94.707	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	405312	85.732	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	2260130	100.422	ng	-0.01
79) Terphenyl-d14	19.998	244	3323748	98.137	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.193	122	5	2.702	ng	# 1
54) 2,4-Dinitrophenol	14.786	184	57	3.093	ng	# 1
77) Benzidine	19.639	184	1954	2.977	ng	# 70

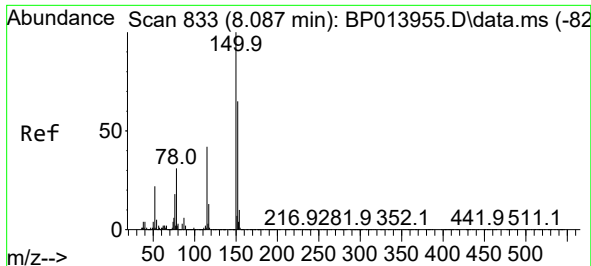
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014096.D
Acq On : 14 Mar 2023 22:51
Operator : CG/JU
Sample : SP6147
Misc : 625 SURROGATE
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP6147

Quant Time: Mar 15 04:38:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

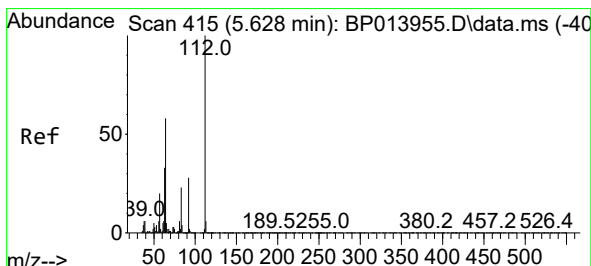
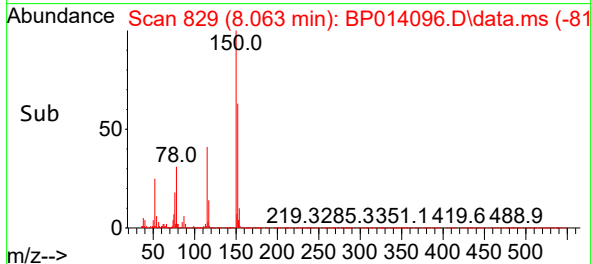
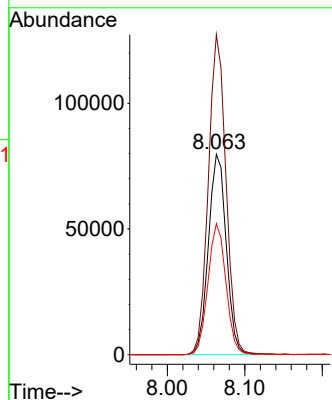
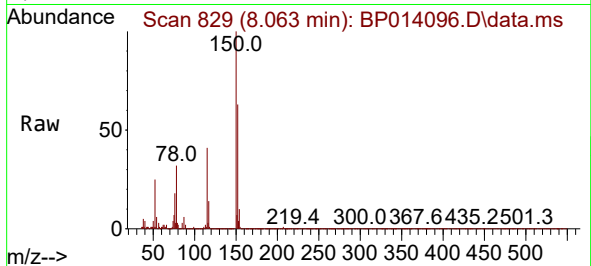




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

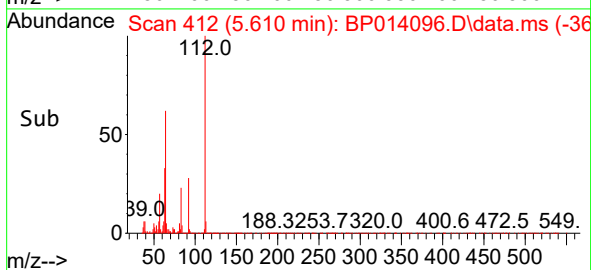
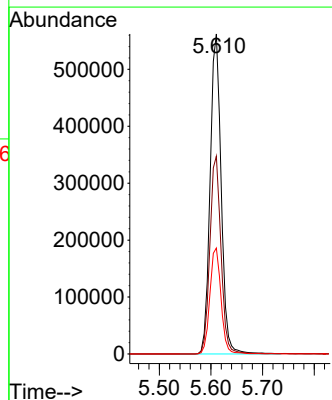
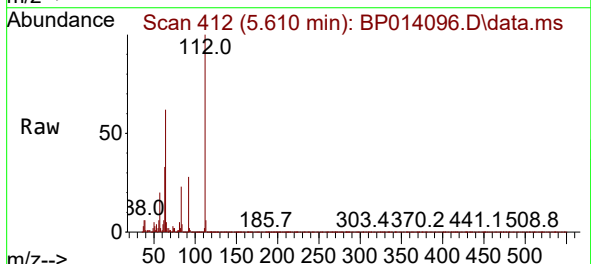
Instrument :
BNA_P
ClientSampleId :
SP6147

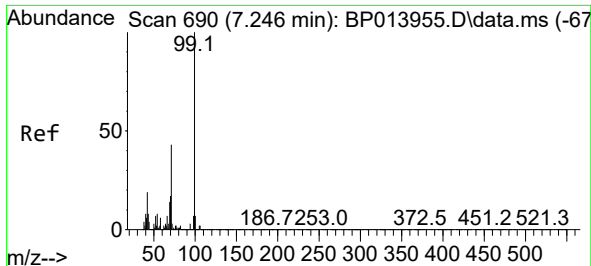
Tgt Ion:152 Resp: 127858
Ion Ratio Lower Upper
152 100
150 159.7 122.3 183.5
115 65.4 51.6 77.4



#5
2-Fluorophenol
Concen: 105.808 ng
RT: 5.610 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

Tgt Ion:112 Resp: 834189
Ion Ratio Lower Upper
112 100
64 61.8 46.7 70.1
63 33.1 26.6 40.0

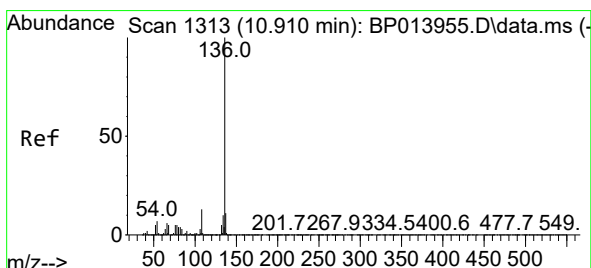
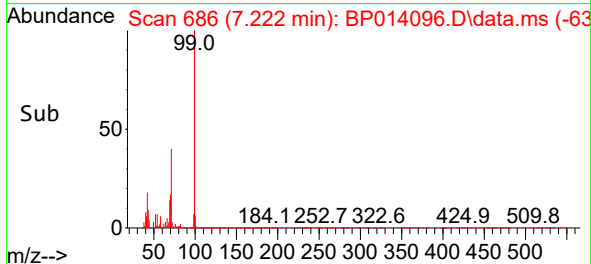
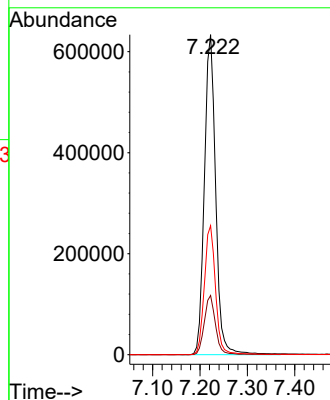
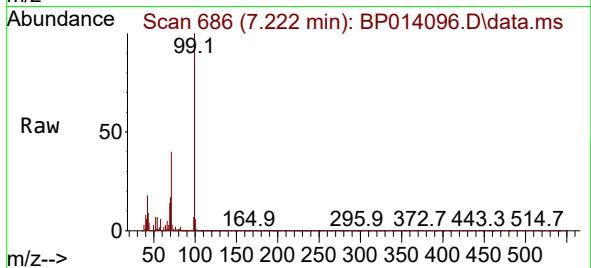




#7
Phenol-d6
Concen: 101.100 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

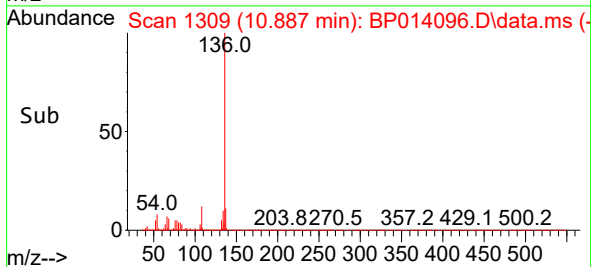
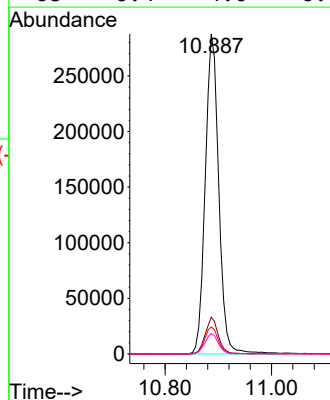
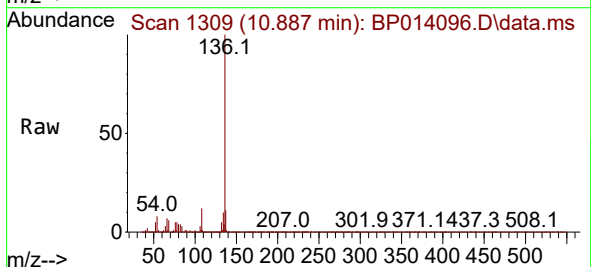
Instrument :
BNA_P
ClientSampleId :
SP6147

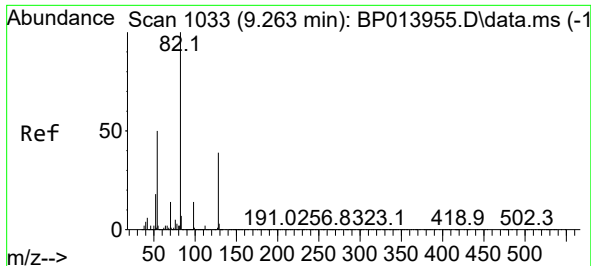
Tgt Ion: 99 Resp: 1046489
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 40.3 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

Tgt Ion:136 Resp: 506112
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.4 5.8 8.8
68 6.4 4.0 6.0#





#23

Nitrobenzene-d5

Concen: 94.707 ng

RT: 9.240 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

Instrument :

BNA_P

ClientSampleId :

SP6147

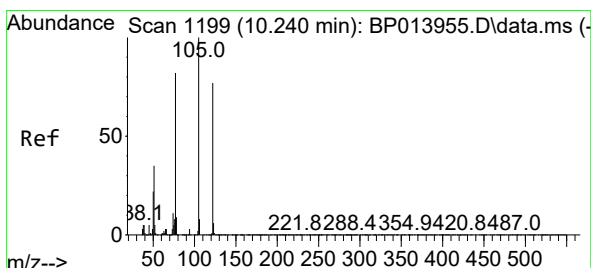
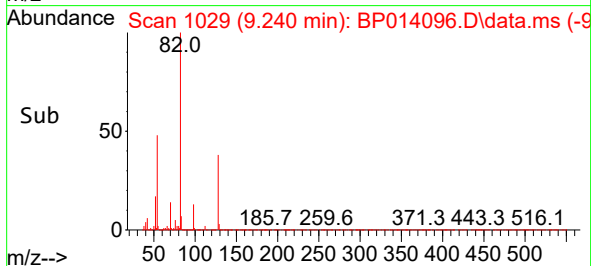
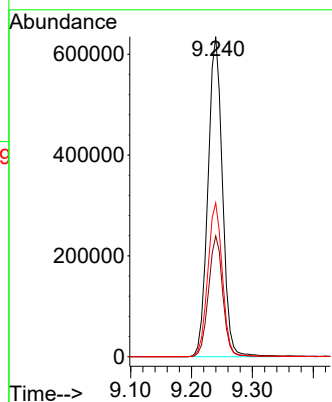
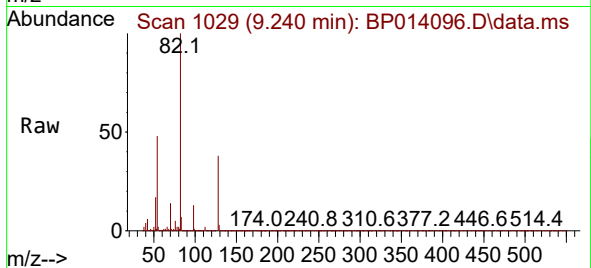
Tgt Ion: 82 Resp: 1048716

Ion Ratio Lower Upper

82 100

128 37.8 31.1 46.7

54 48.1 40.0 60.0



#32

Benzoic acid

Concen: 2.702 ng

RT: 10.193 min Scan# 1191

Delta R.T. -0.018 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

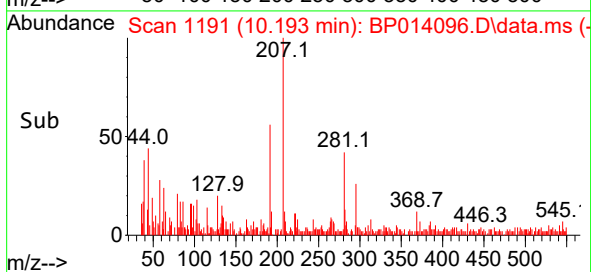
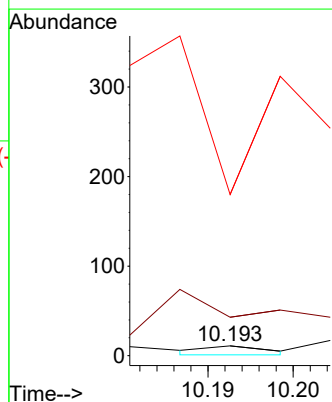
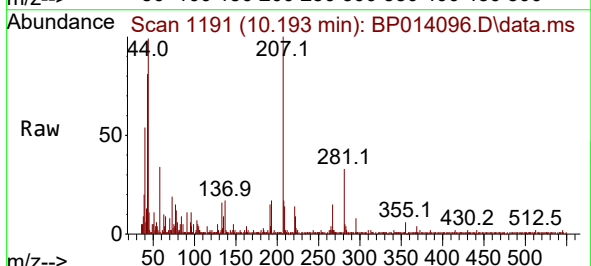
Tgt Ion: 122 Resp: 5

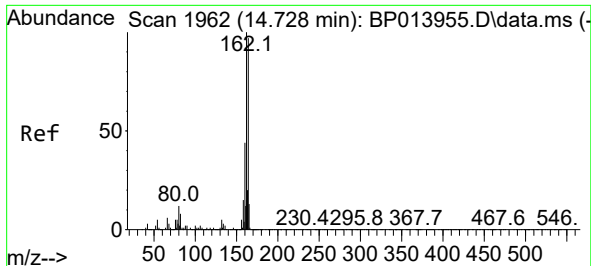
Ion Ratio Lower Upper

122 100

105 390.9 108.2 148.2#

77 1636.4 85.2 125.2#

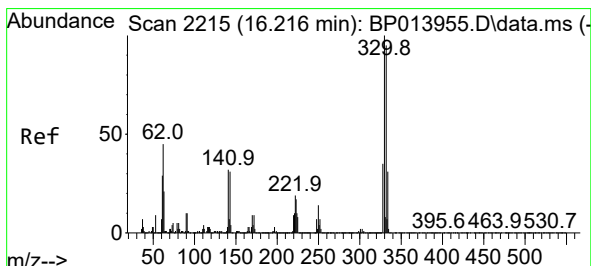
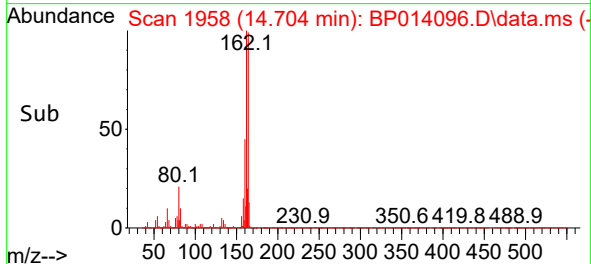
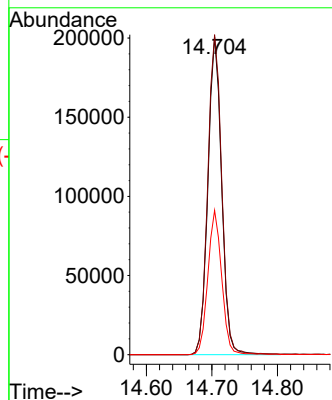
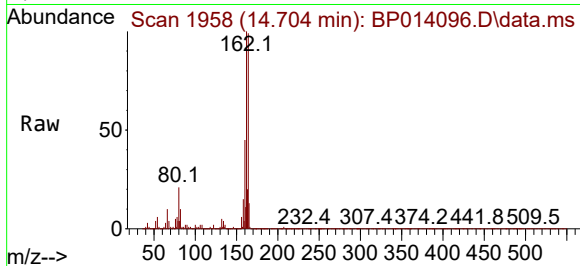




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

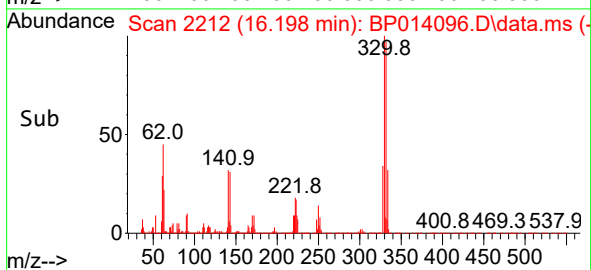
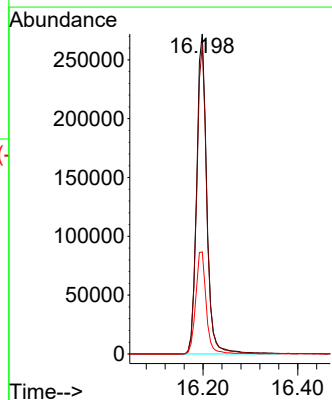
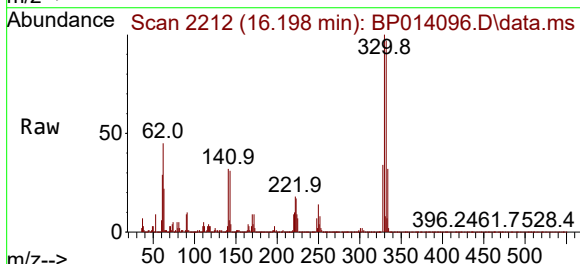
Instrument :
BNA_P
ClientSampleId :
SP6147

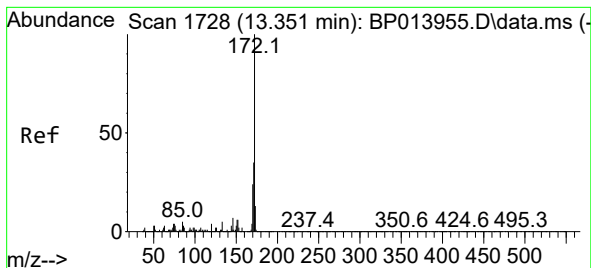
Tgt Ion:164 Resp: 291588
Ion Ratio Lower Upper
164 100
162 100.7 82.1 123.1
160 45.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 85.732 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

Tgt Ion:330 Resp: 405312
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 33.1 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 100.422 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

Instrument :

BNA_P

ClientSampleId :

SP6147

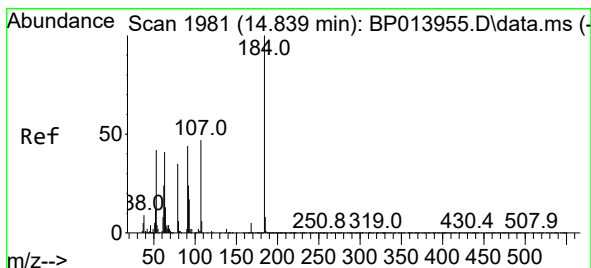
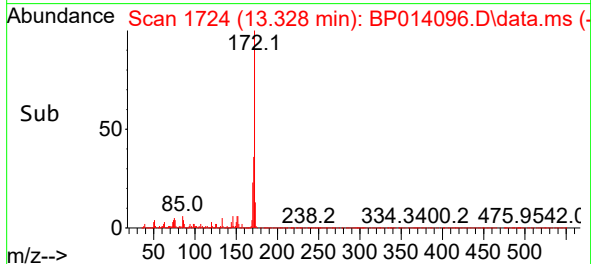
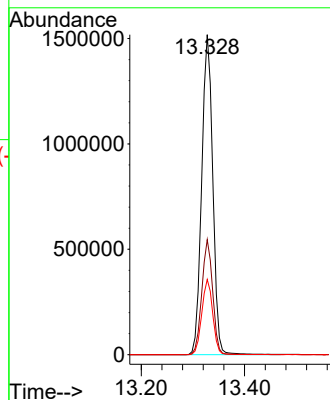
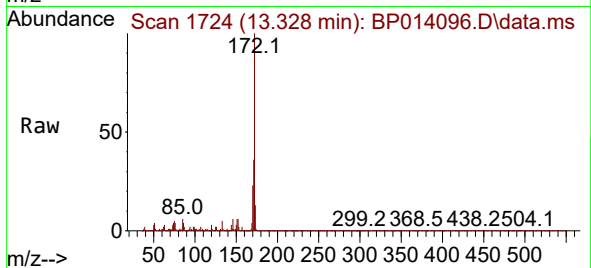
Tgt Ion:172 Resp: 2260130

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.093 ng

RT: 14.786 min Scan# 1972

Delta R.T. -0.041 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

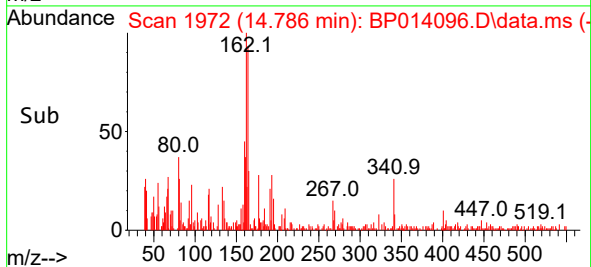
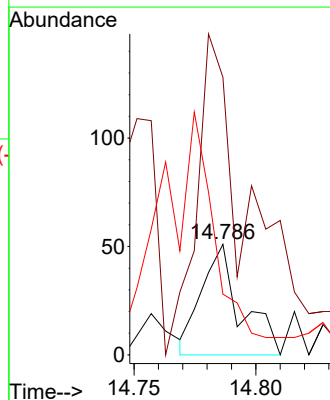
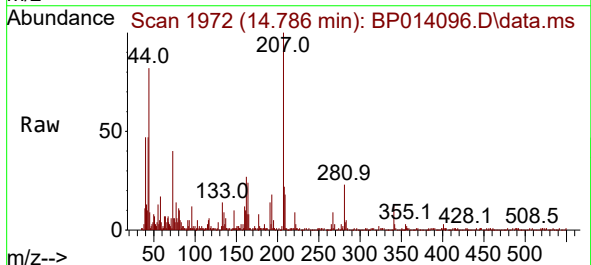
Tgt Ion:184 Resp: 57

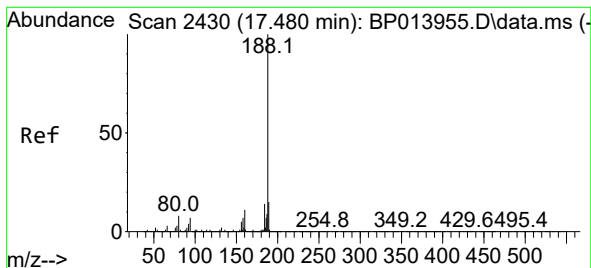
Ion Ratio Lower Upper

184 100

63 251.0 52.4 78.6#

154 103.9 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.457 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

Instrument :

BNA_P

ClientSampleId :

SP6147

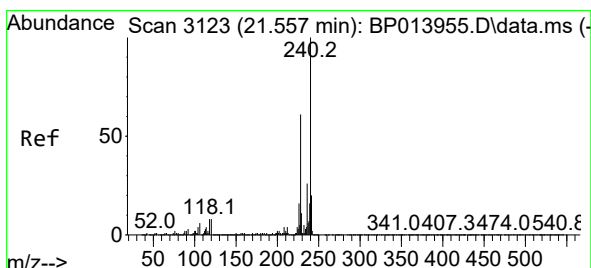
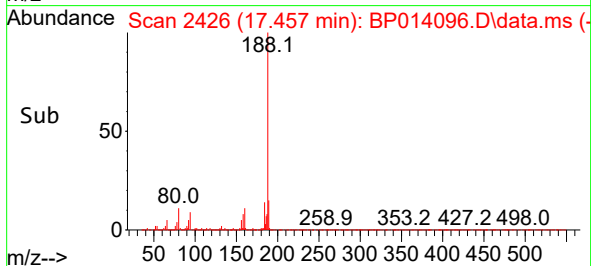
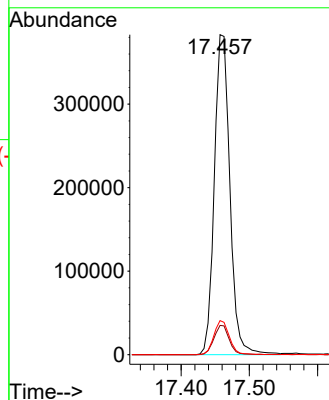
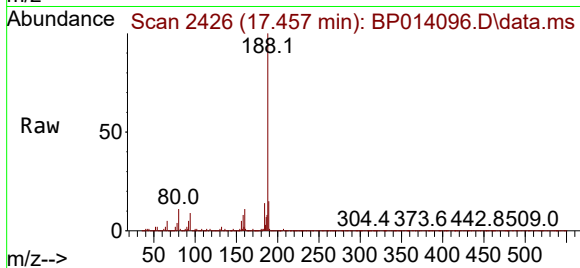
Tgt Ion:188 Resp: 609166

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 10.6 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP014096.D

Acq: 14 Mar 2023 22:51

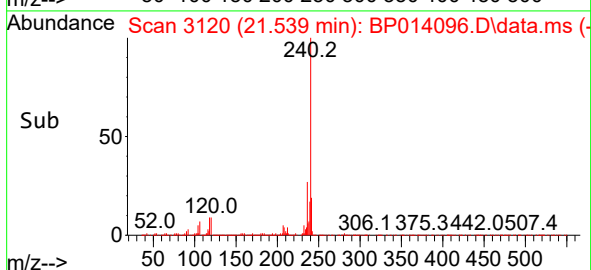
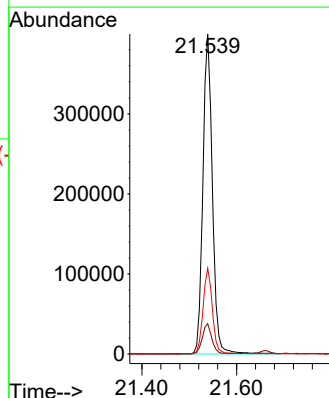
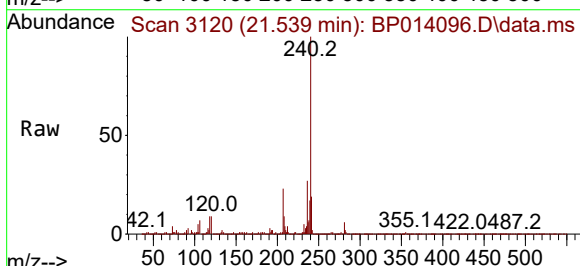
Tgt Ion:240 Resp: 558475

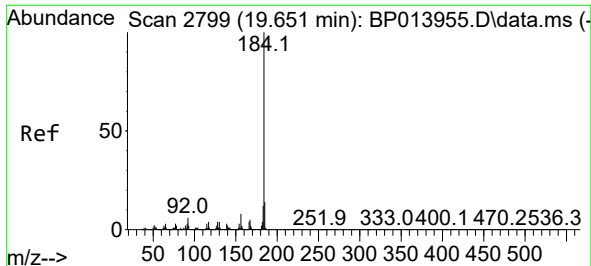
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 26.8 21.2 31.8

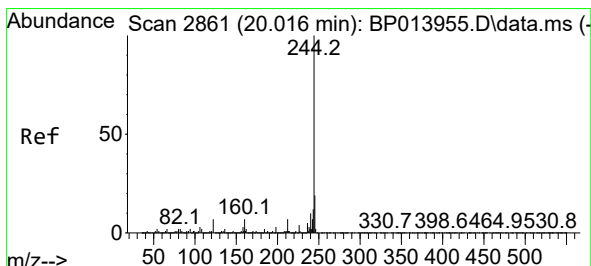
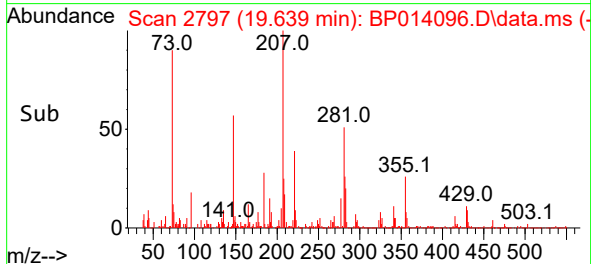
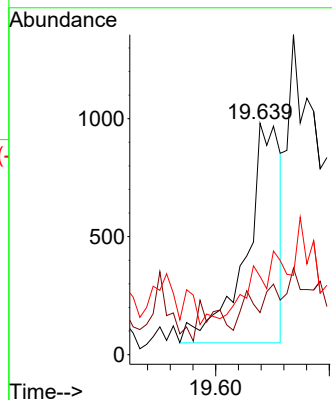
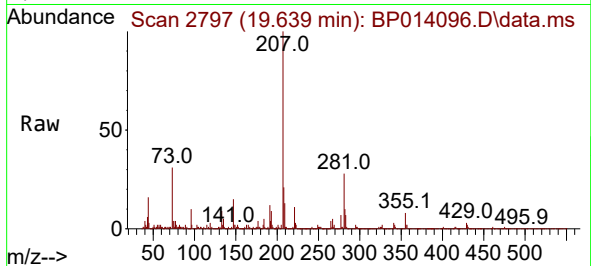




#77
Benzidine
Concen: 2.977 ng
RT: 19.639 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

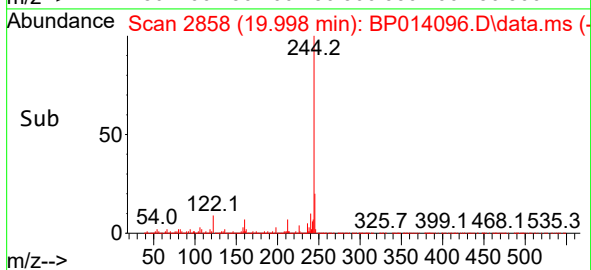
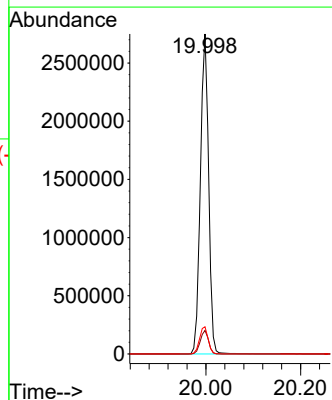
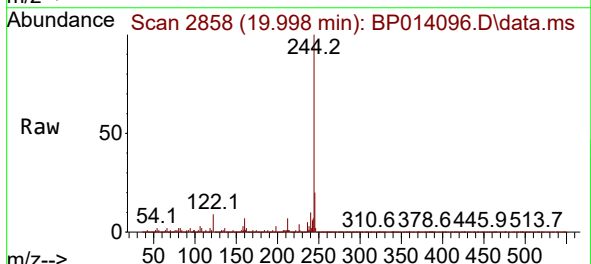
Instrument :
BNA_P
ClientSampleId :
SP6147

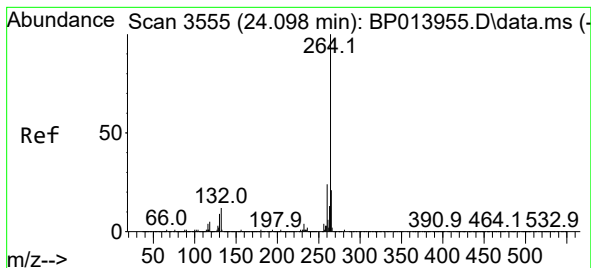
Tgt Ion:184 Resp: 1954
Ion Ratio Lower Upper
184 100
185 18.2 11.6 17.4#
183 33.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 98.137 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BP014096.D
Acq: 14 Mar 2023 22:51

Tgt Ion:244 Resp: 3323748
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.5 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.074 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014096.D

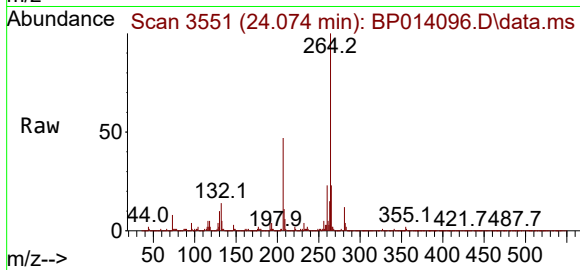
Acq: 14 Mar 2023 22:51

Instrument :

BNA_P

ClientSampleId :

SP6147



Tgt Ion:264 Resp: 596716

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.7 17.8 26.8

