

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019790.D
 Acq On : 20 Feb 2024 17:36
 Operator : MA/JU
 Sample : P1523-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03

Quant Time: Feb 20 23:53:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

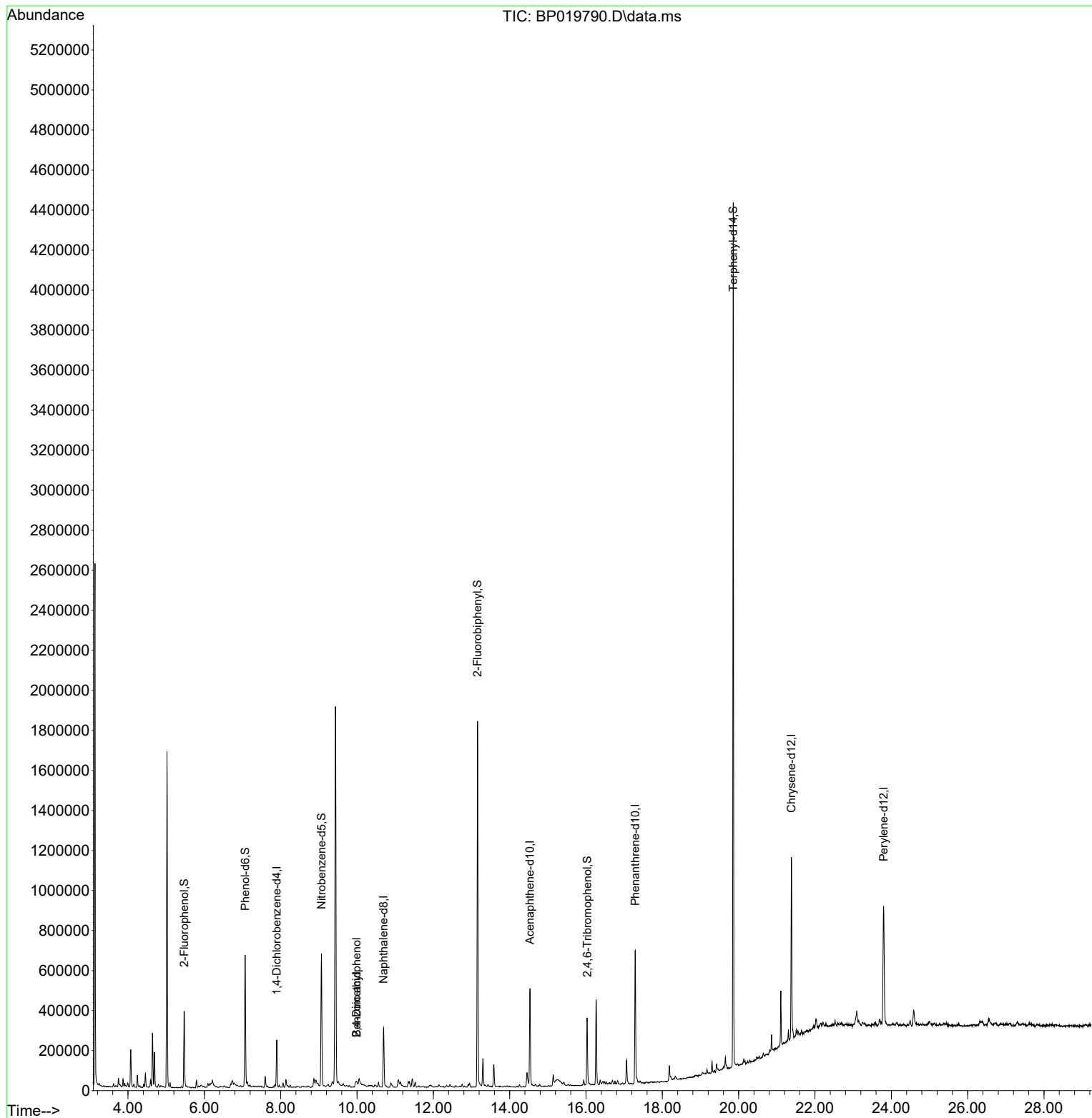
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	65229	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	242796	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	183238	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	452155	20.000	ng	0.00
76) Chrysene-d12	21.380	240	485131	20.000	ng	-0.01
86) Perylene-d12	23.798	264	548784	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	161451	39.897	ng	0.00
7) Phenol-d6	7.069	99	371357	68.059	ng	0.00
23) Nitrobenzene-d5	9.069	82	405854	72.432	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	78274	29.257	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	955318	64.451	ng	0.00
79) Terphenyl-d14	19.857	244	2088558	70.800	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.987	122	14591	5.305	ng	# 1
32) Benzoic acid	9.987	122	14591	5.445	ng	88

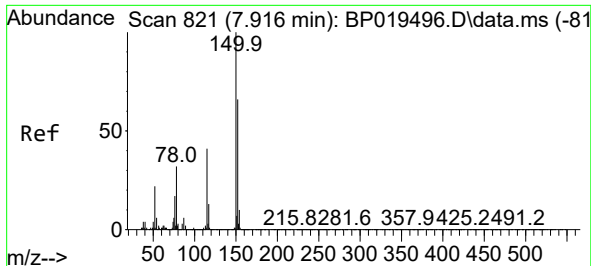
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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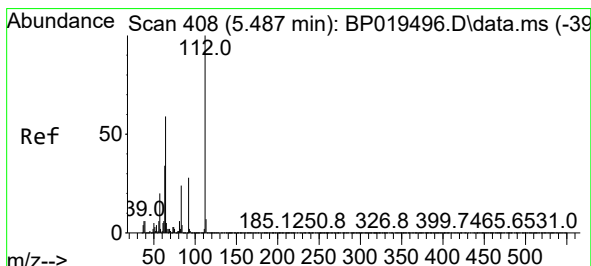
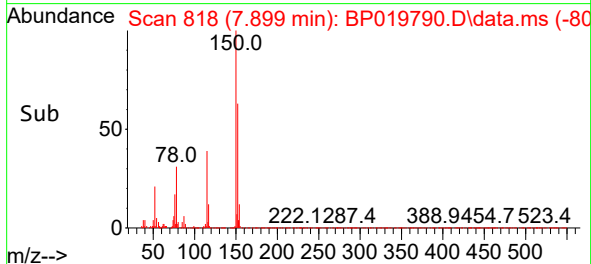
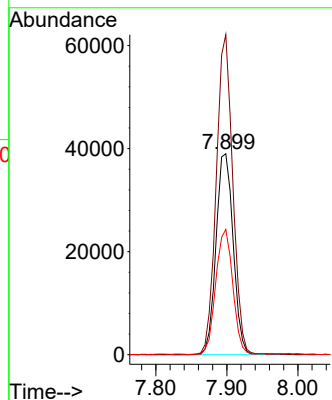
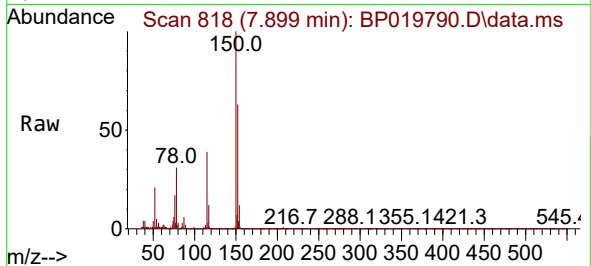




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019790.D
Acq: 20 Feb 2024 17:36

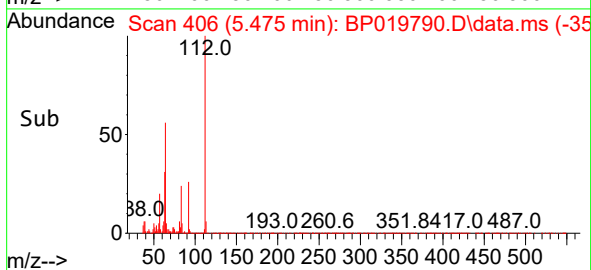
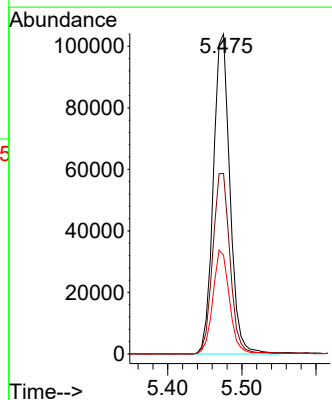
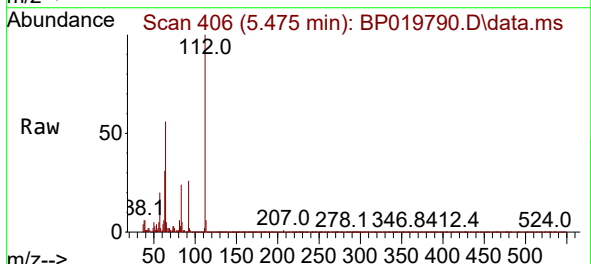
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

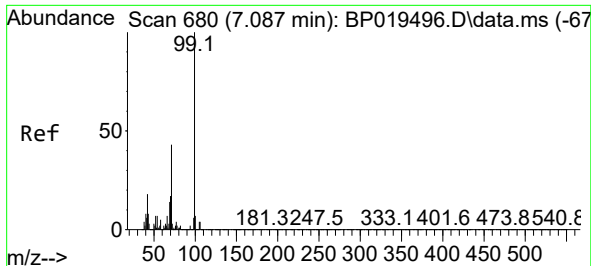
Tgt Ion:152 Resp: 65229
Ion Ratio Lower Upper
152 100
150 159.3 121.8 182.8
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 39.897 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019790.D
Acq: 20 Feb 2024 17:36

Tgt Ion:112 Resp: 161451
Ion Ratio Lower Upper
112 100
64 56.4 47.4 71.0
63 30.9 27.0 40.6

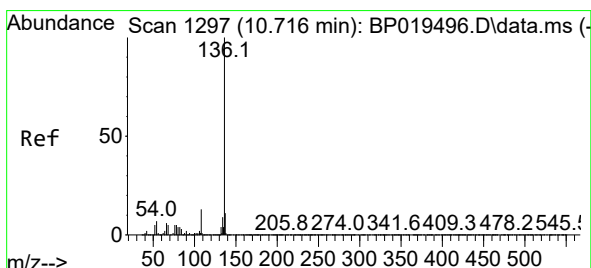
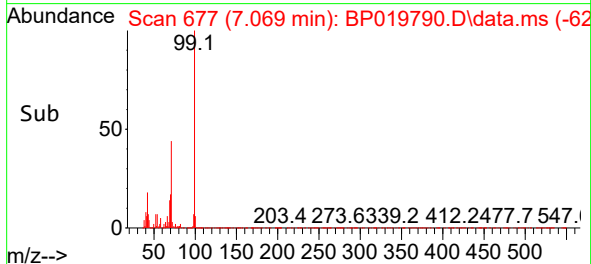
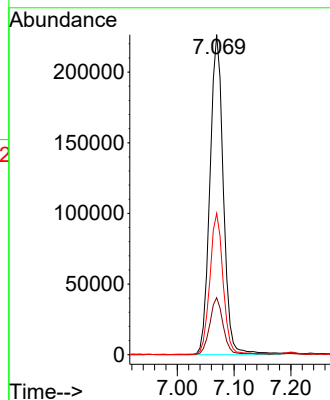
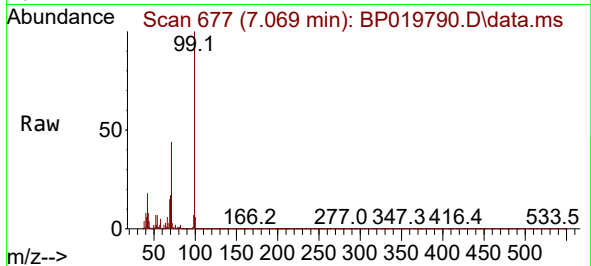




#7
Phenol-d6
Concen: 68.059 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019790.D
Acq: 20 Feb 2024 17:36

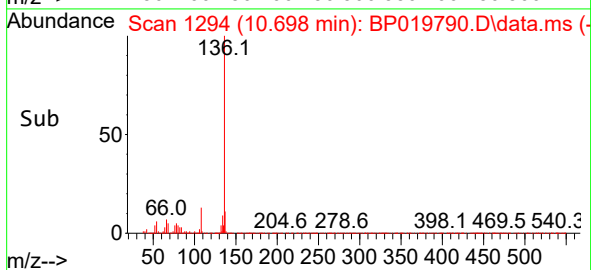
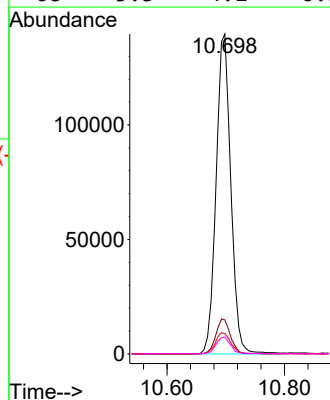
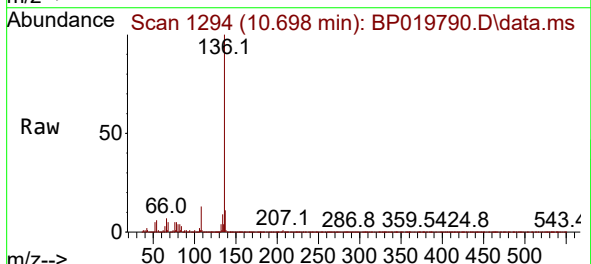
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

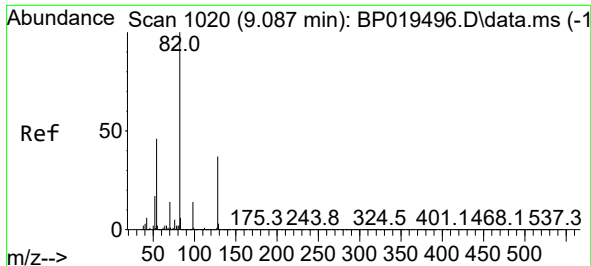
Tgt Ion: 99 Resp: 371357
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 44.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP019790.D
Acq: 20 Feb 2024 17:36

Tgt Ion:136 Resp: 242796
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.4 5.3 7.9
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 72.432 ng

RT: 9.069 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

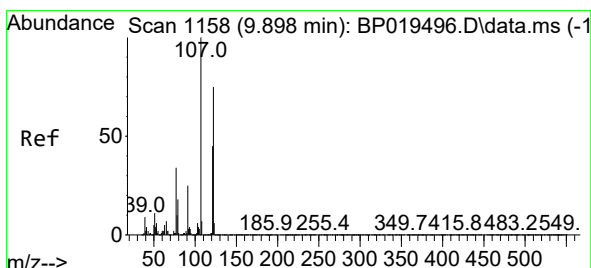
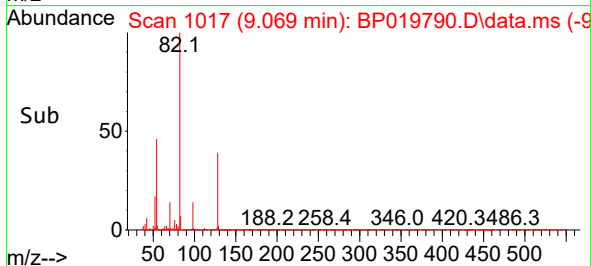
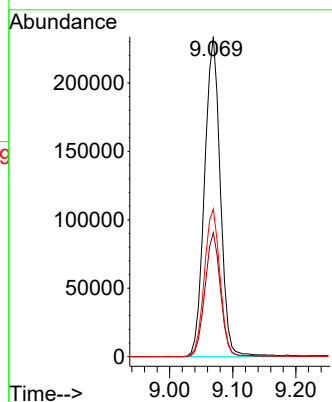
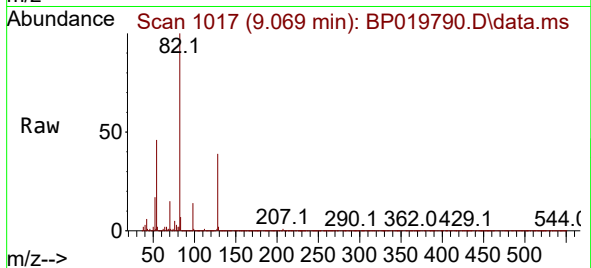
Tgt Ion: 82 Resp: 405854

Ion Ratio Lower Upper

82 100

128 38.7 29.7 44.5

54 46.2 36.8 55.2



#27

2,4-Dimethylphenol

Concen: 5.305 ng

RT: 9.987 min Scan# 1173

Delta R.T. 0.106 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

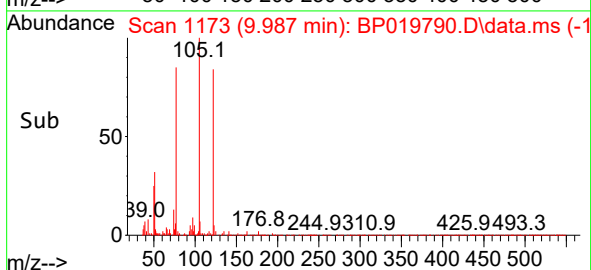
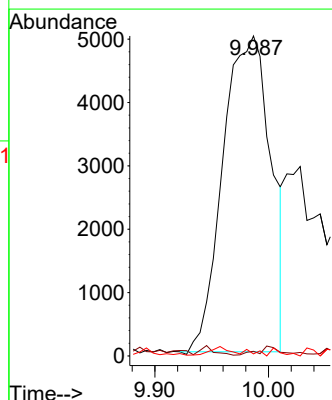
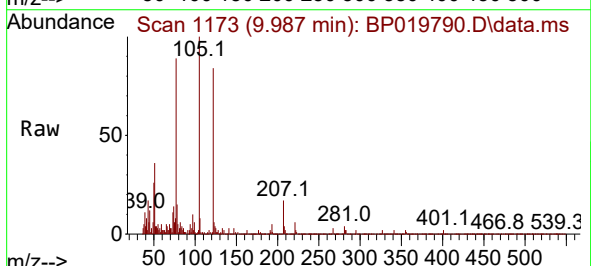
Tgt Ion: 122 Resp: 14591

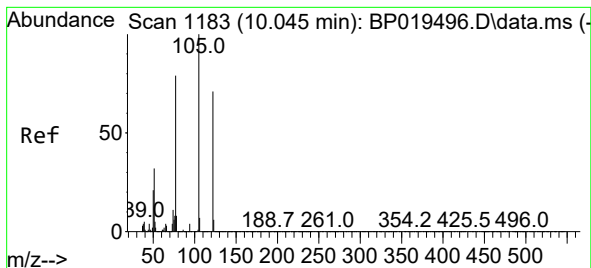
Ion Ratio Lower Upper

122 100

107 1.4 105.9 158.9#

121 0.7 47.5 71.3#





#32

Benzoic acid

Concen: 5.445 ng

RT: 9.987 min Scan# 1183

Delta R.T. -0.041 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

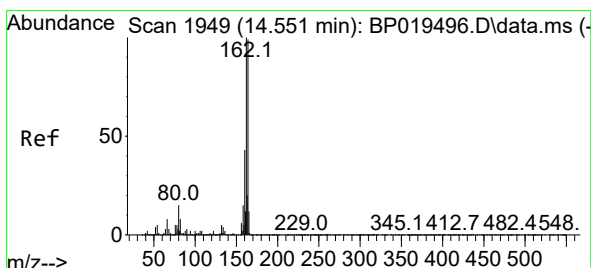
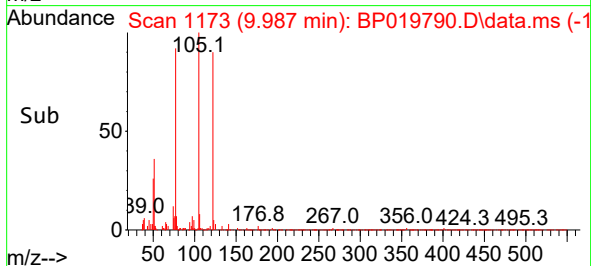
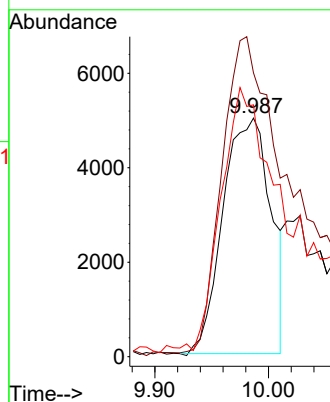
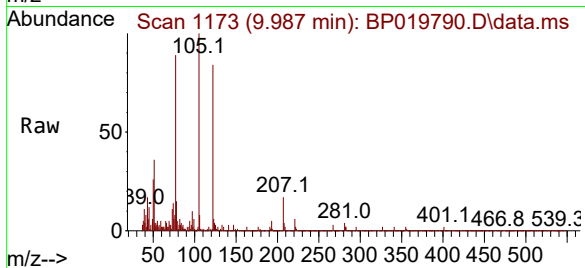
Tgt Ion:122 Resp: 14591

Ion Ratio Lower Upper

122 100

105 119.0 118.8 158.8

77 105.6 91.7 131.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

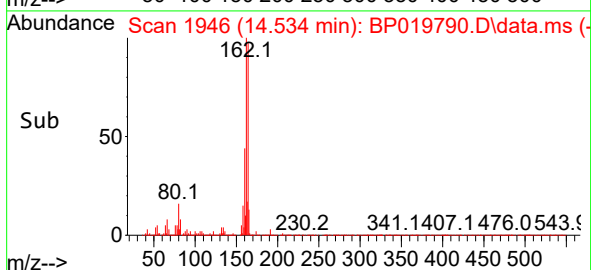
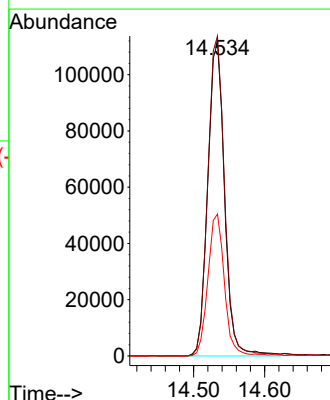
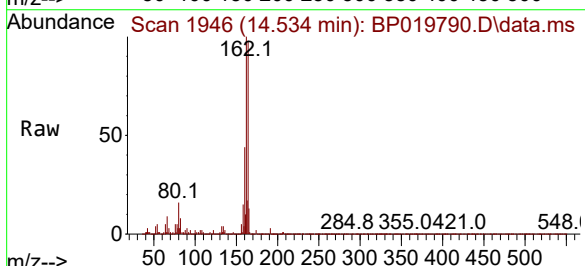
Tgt Ion:164 Resp: 183238

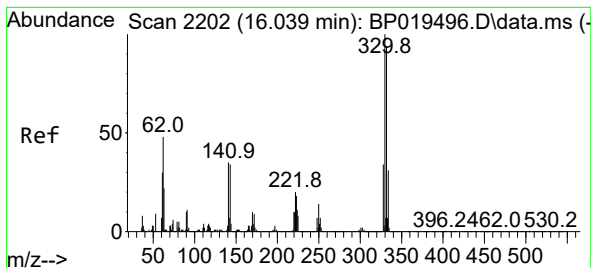
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 29.257 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

Instrument :

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ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

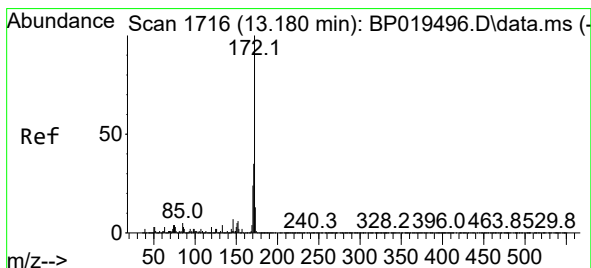
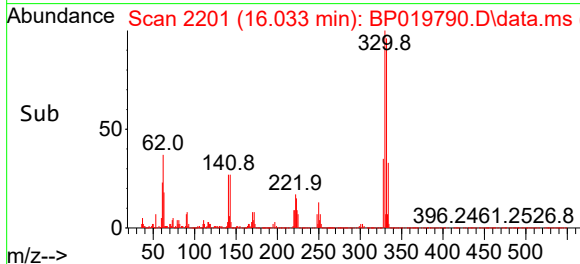
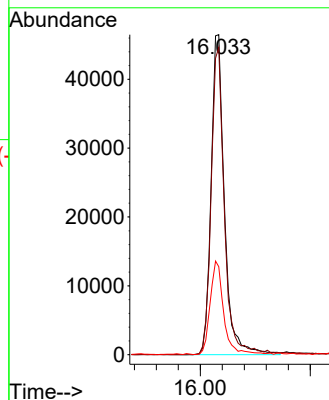
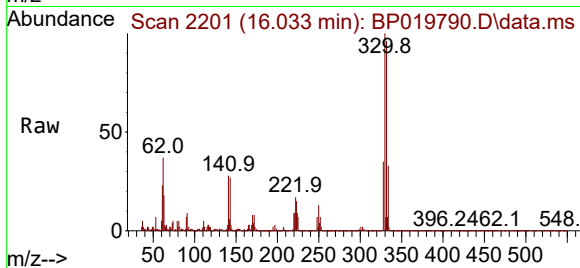
Tgt Ion:330 Resp: 78274

Ion Ratio Lower Upper

330 100

332 94.2 77.2 115.8

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 64.451 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

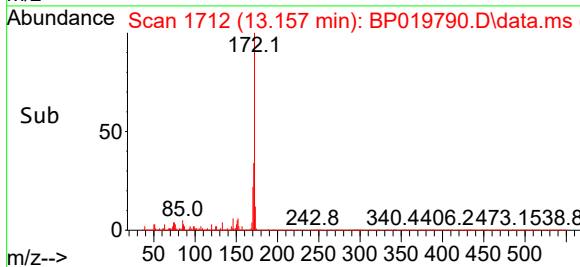
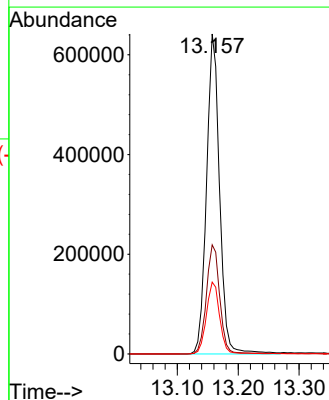
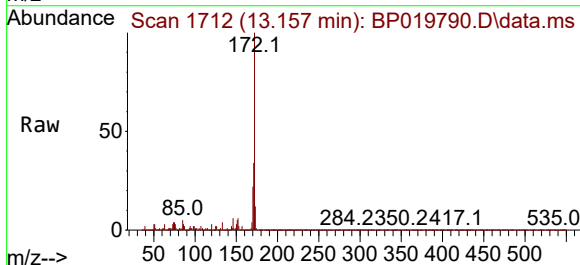
Tgt Ion:172 Resp: 955318

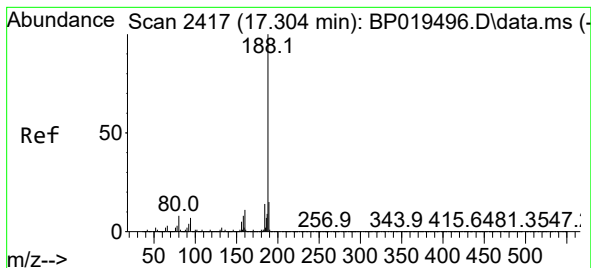
Ion Ratio Lower Upper

172 100

171 34.1 28.2 42.4

170 22.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

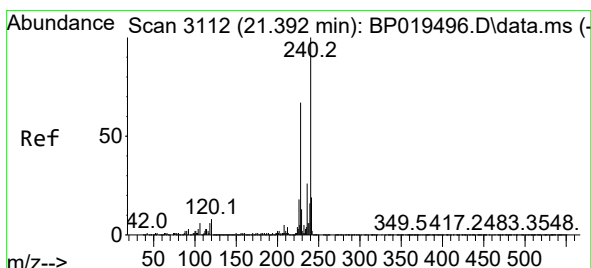
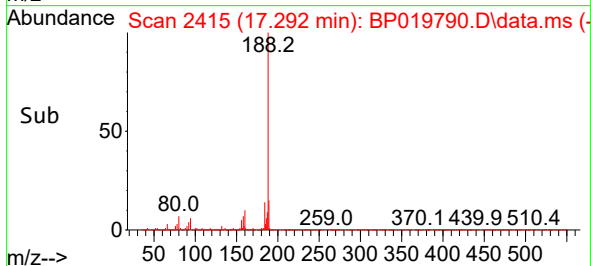
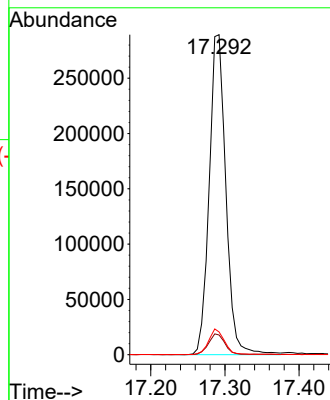
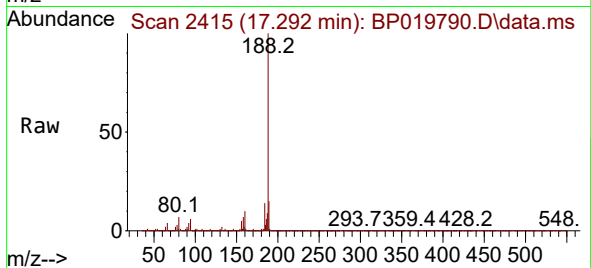
Tgt Ion:188 Resp: 452155

Ion Ratio Lower Upper

188 100

94 6.1 5.4 8.2

80 7.1 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

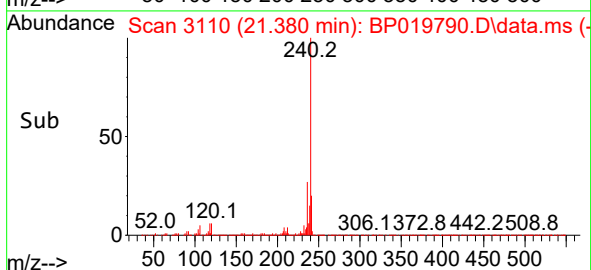
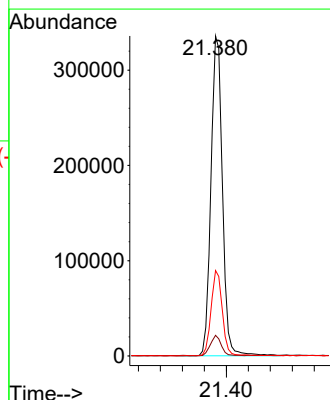
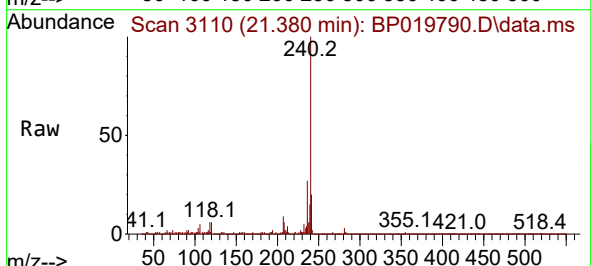
Tgt Ion:240 Resp: 485131

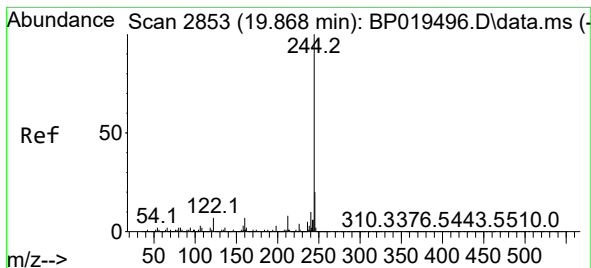
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.7 20.7 31.1





#79

Terphenyl-d14

Concen: 70.800 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019790.D

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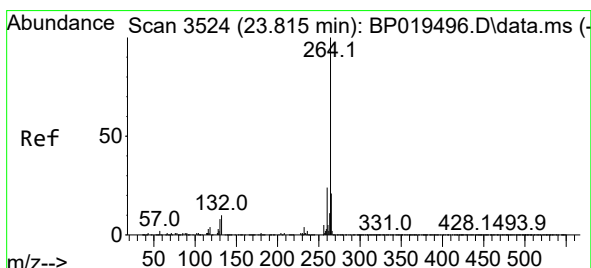
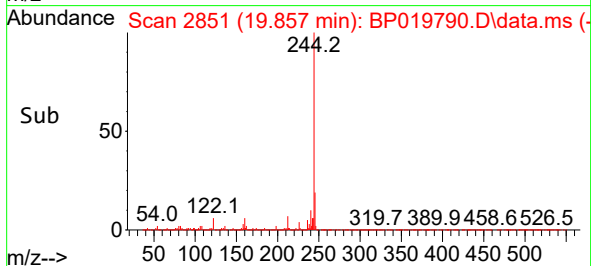
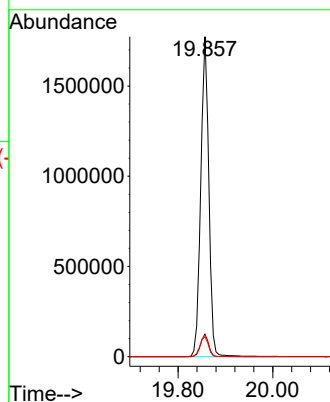
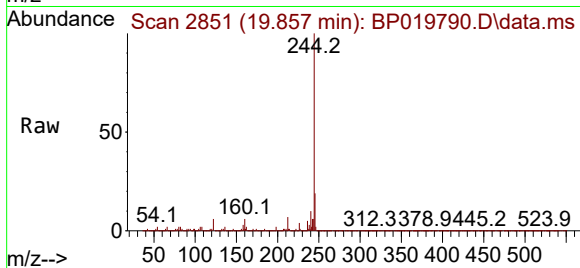
Tgt Ion:244 Resp: 2088558

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019790.D

Acq: 20 Feb 2024 17:36

Tgt Ion:264 Resp: 548784

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.2 17.0 25.4

