

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020614.D
 Acq On : 13 Jun 2024 16:38
 Operator : MA/JU
 Sample : P2857-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-355

Quant Time: Jun 13 17:08:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

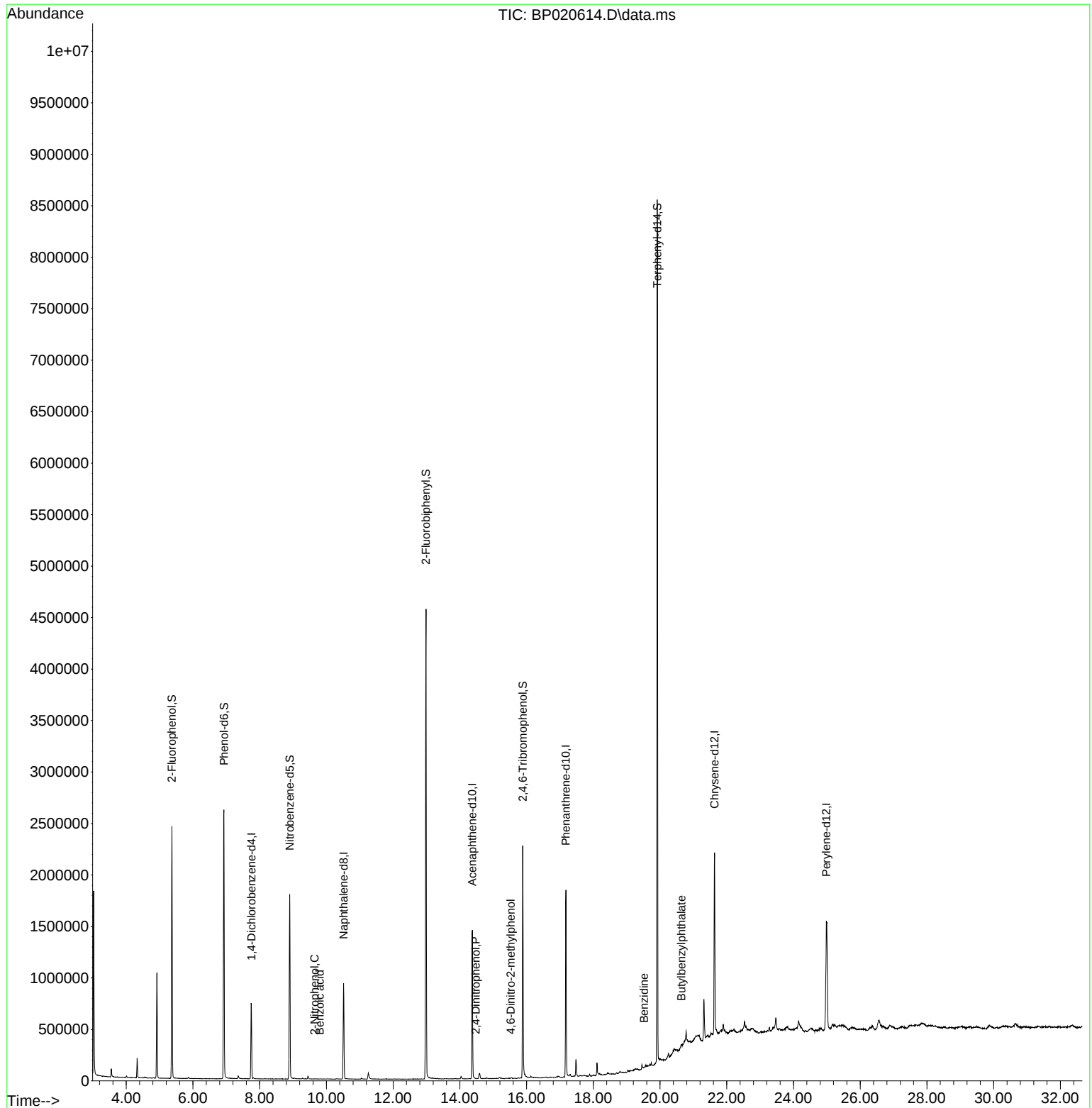
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	211187	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	814100	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	534291	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1137478	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1063693	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1211332	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1045907	88.672	ng	0.00
7) Phenol-d6	6.928	99	1524454	91.646	ng	0.00
23) Nitrobenzene-d5	8.899	82	1056250	71.022	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	467521	84.315	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2567808	71.644	ng	-0.02
79) Terphenyl-d14	19.916	244	4385849	68.640	ng	-0.03
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.646	139	55	3.800	ng	# 1
32) Benzoic acid	9.804	122	141	6.863	ng	# 36
54) 2,4-Dinitrophenol	14.481	184	21	4.981	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	47	7.661	ng	# 1
77) Benzidine	19.522	184	81	5.972	ng	# 1
80) Butylbenzylphthalate	20.645	149	357	2.442	ng	# 89

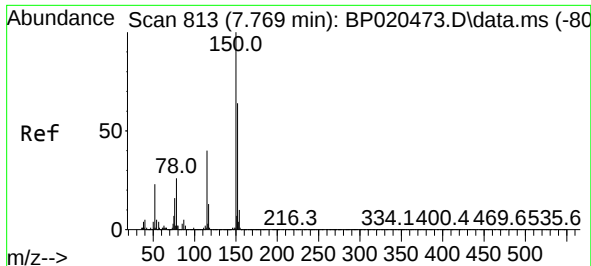
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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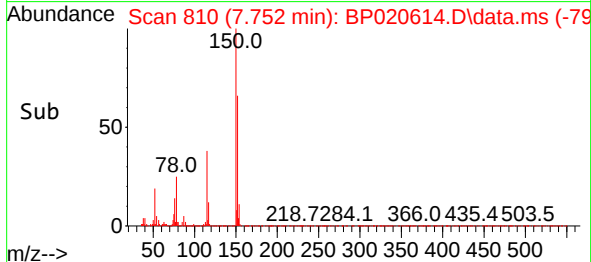
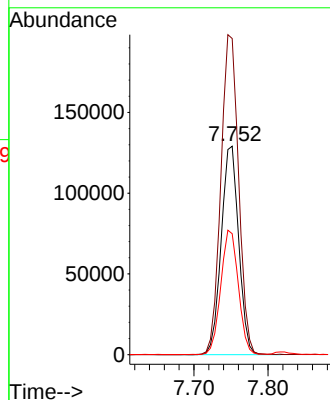
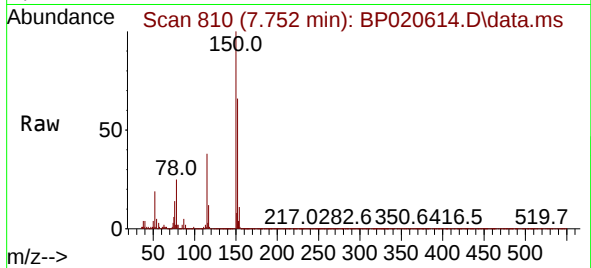




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

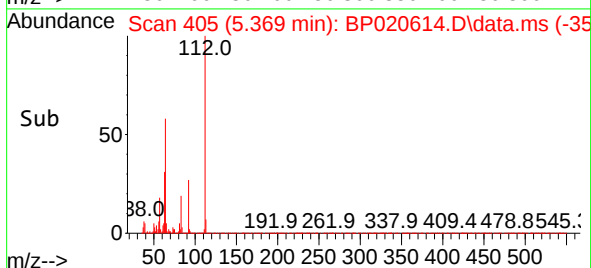
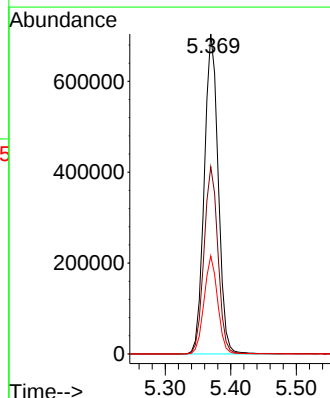
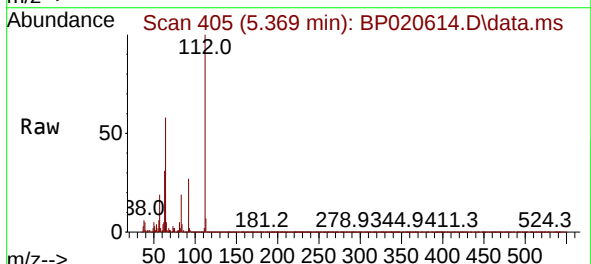
Instrument :
BNA_P
ClientSampleId :
ETGI-355

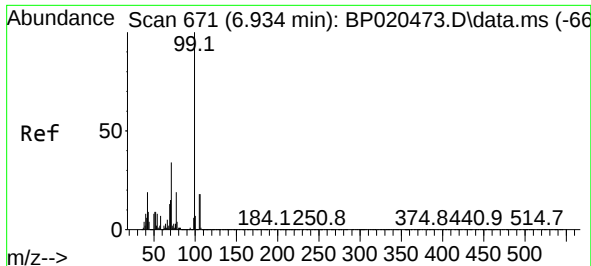
Tgt Ion:152 Resp: 211187
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.2
115 58.0 49.5 74.3



#5
2-Fluorophenol
Concen: 88.672 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion:112 Resp: 1045907
Ion Ratio Lower Upper
112 100
64 58.5 50.1 75.1
63 30.6 25.7 38.5

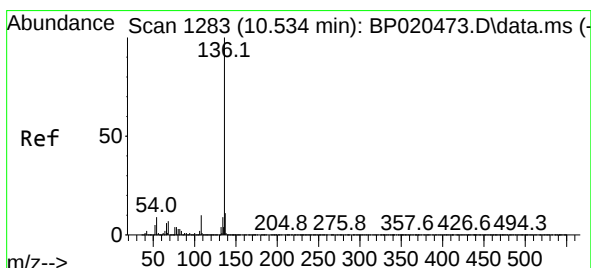
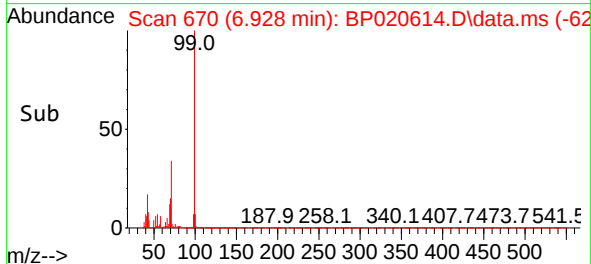
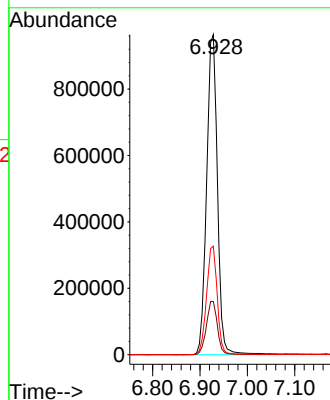
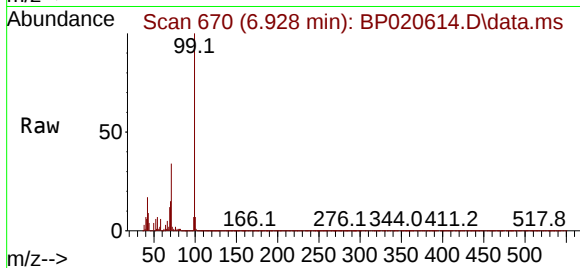




#7
Phenol-d6
Concen: 91.646 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

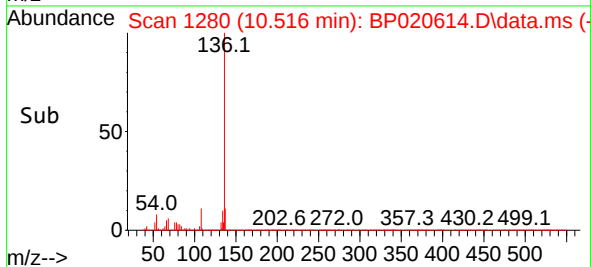
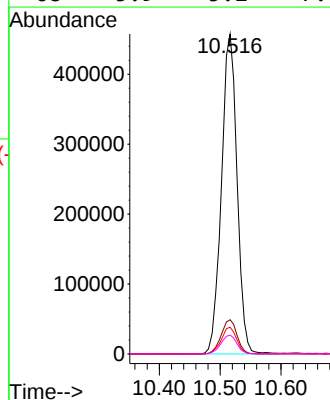
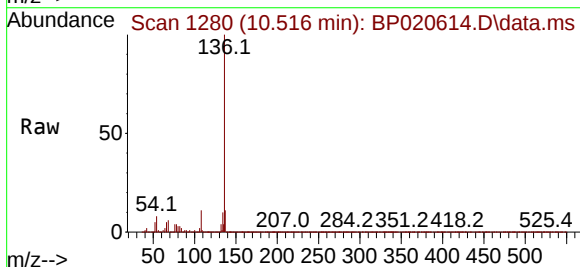
Instrument :
BNA_P
ClientSampleId :
ETGI-355

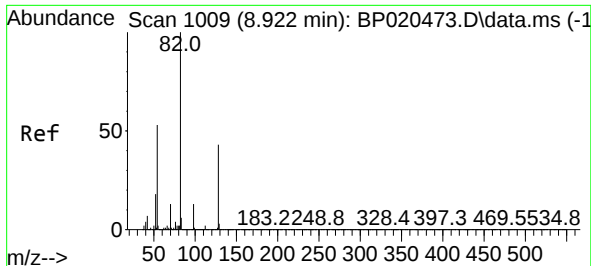
Tgt Ion: 99 Resp: 1524454
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion: 136 Resp: 814100
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.3 7.4 11.0
68 5.9 5.2 7.8

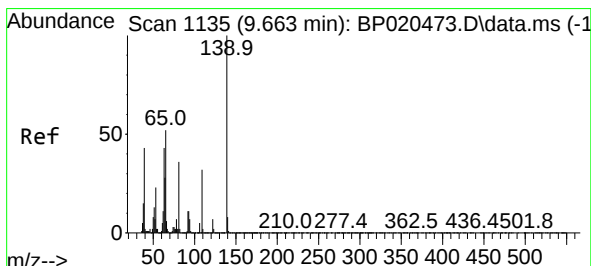
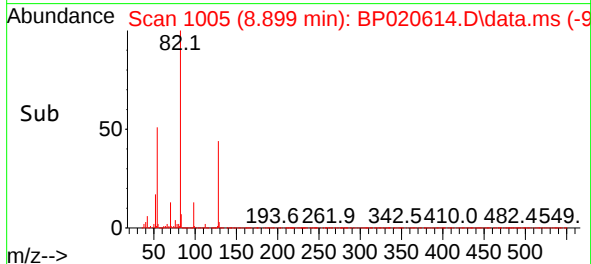
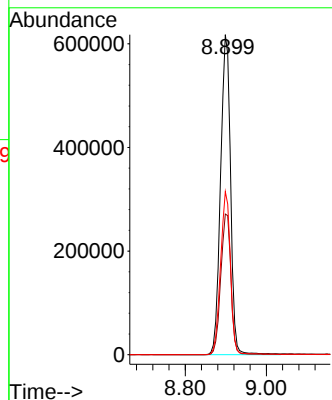
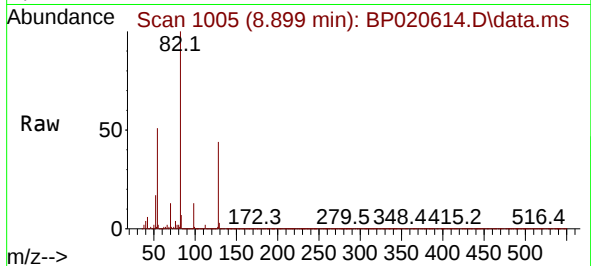




#23
Nitrobenzene-d5
Concen: 71.022 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

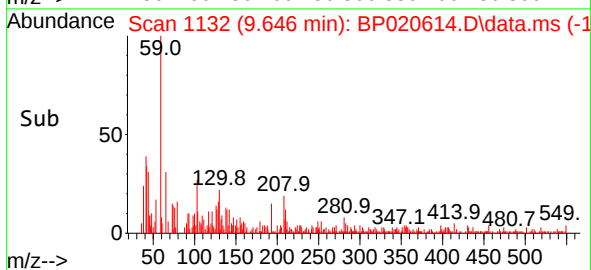
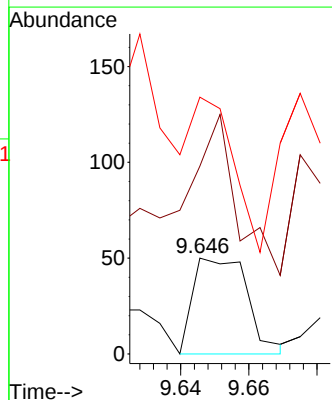
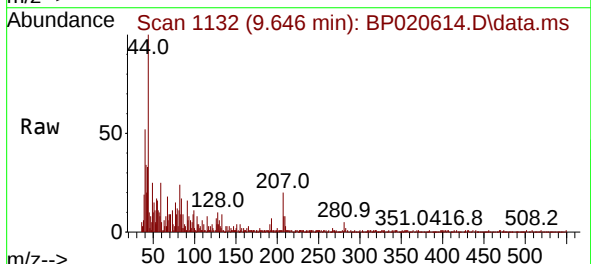
Instrument :
BNA_P
ClientSampleId :
ETGI-355

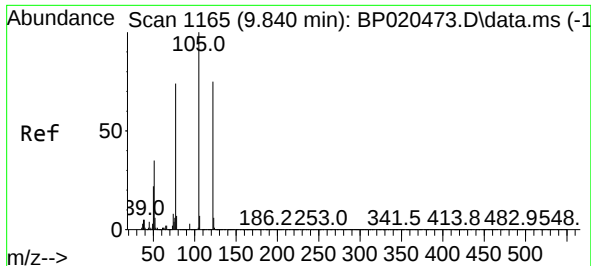
Tgt Ion: 82 Resp: 1056250
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 51.0 42.7 64.1



#26
2-Nitrophenol
Concen: 3.800 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 230.0 25.8 38.8#
65 268.0 41.8 62.8#

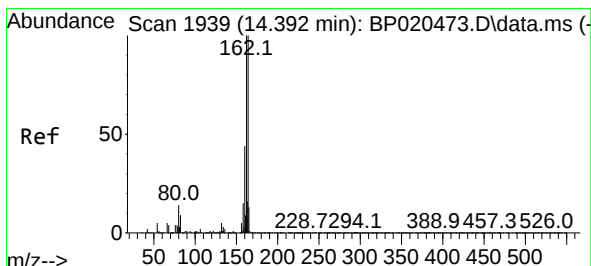
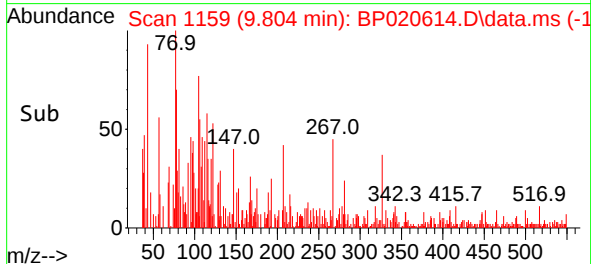
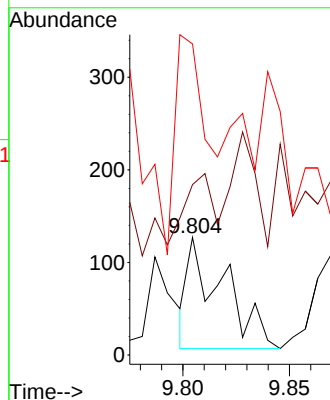
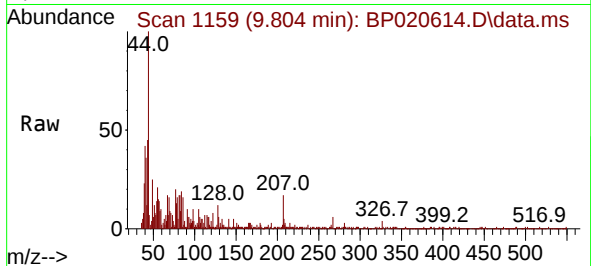




#32
Benzoic acid
Concen: 6.863 ng
RT: 9.804 min Scan# 1165
Delta R.T. -0.036 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

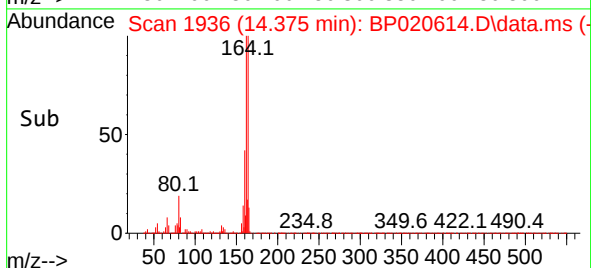
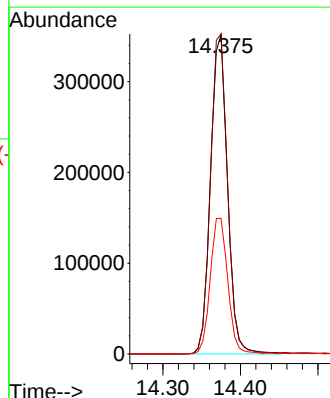
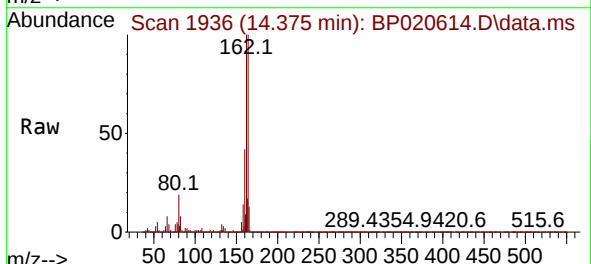
Instrument :
BNA_P
ClientSampleId :
ETGI-355

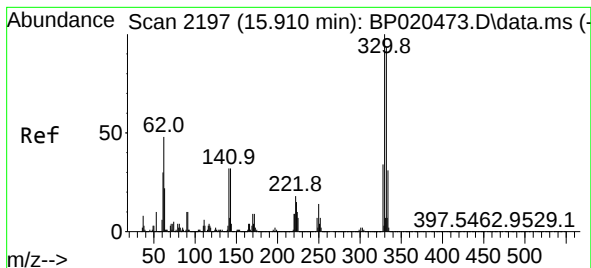
Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 130.5 107.5 147.5
77 238.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion:164 Resp: 534291
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 42.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 84.315 ng

RT: 15.886 min Scan# 2197

Delta R.T. -0.024 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

Instrument :

BNA_P

ClientSampleId :

ETGI-355

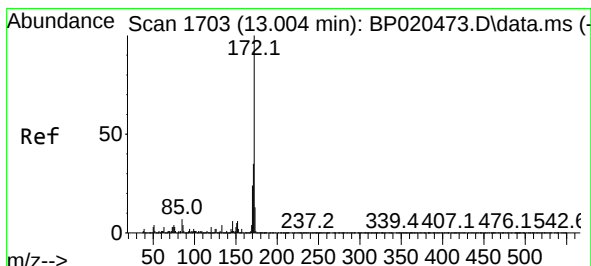
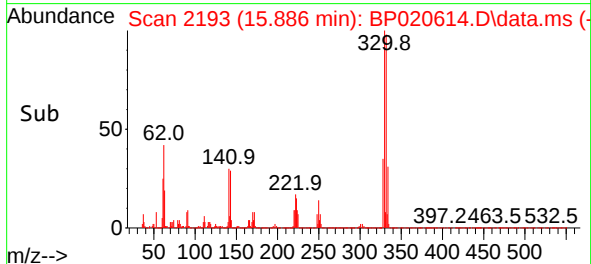
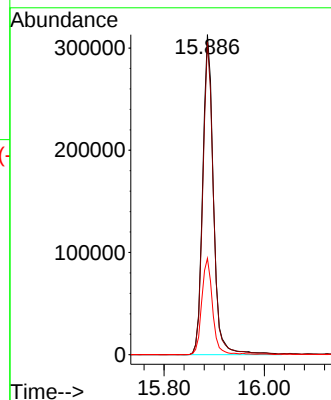
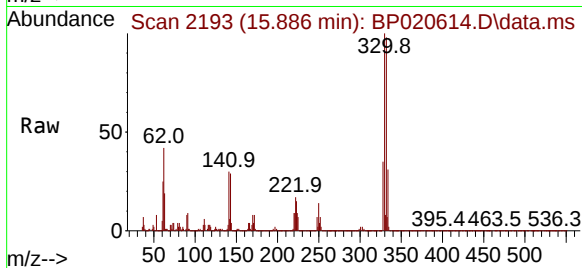
Tgt Ion:330 Resp: 467521

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 30.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 71.644 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

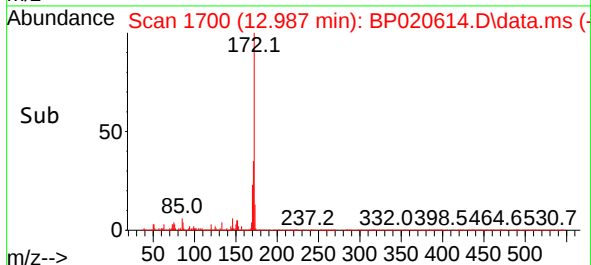
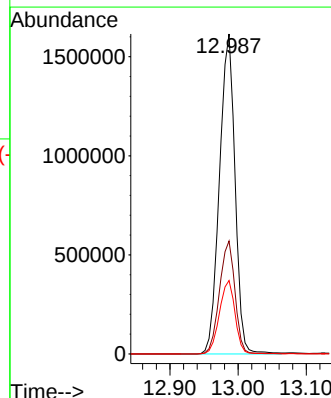
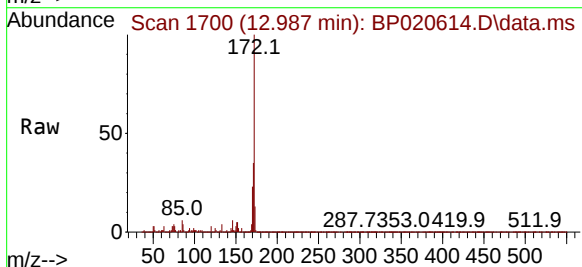
Tgt Ion:172 Resp: 2567808

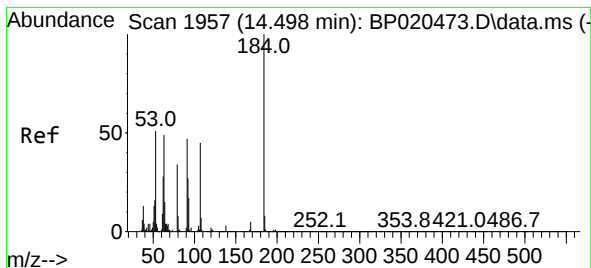
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.0 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.981 ng

RT: 14.481 min Scan# 1954

Delta R.T. -0.017 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

Instrument :

BNA_P

ClientSampleId :

ETGI-355

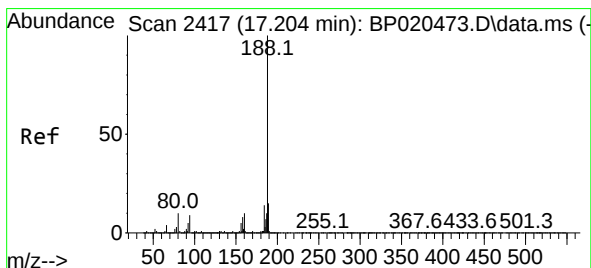
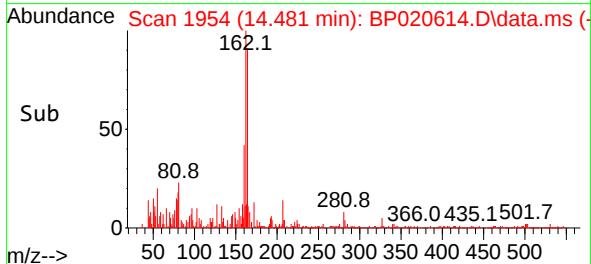
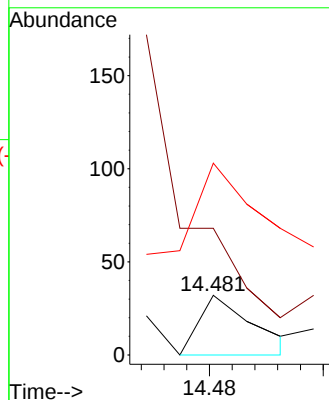
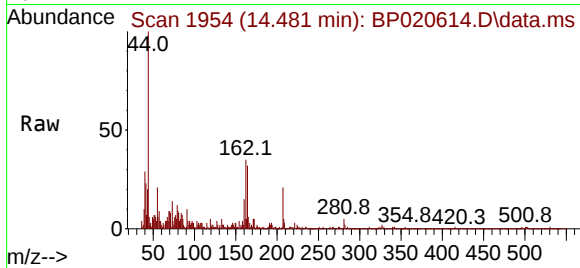
Tgt Ion:184 Resp: 21

Ion Ratio Lower Upper

184 100

63 256.3 54.2 81.4#

154 321.9 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.024 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

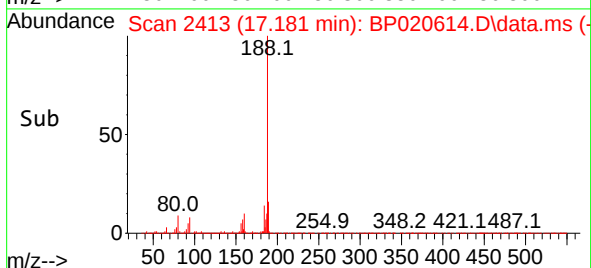
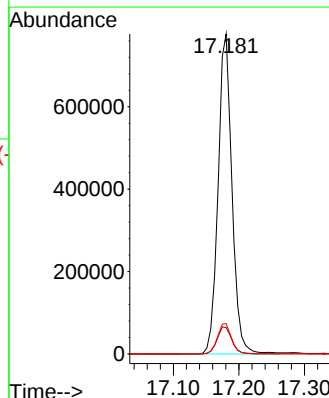
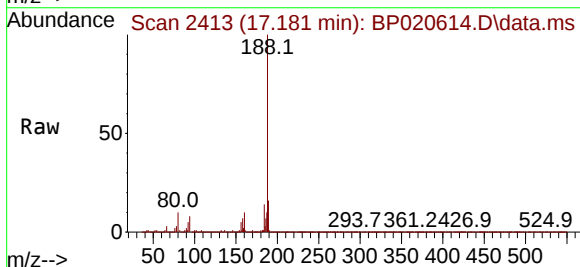
Tgt Ion:188 Resp: 1137478

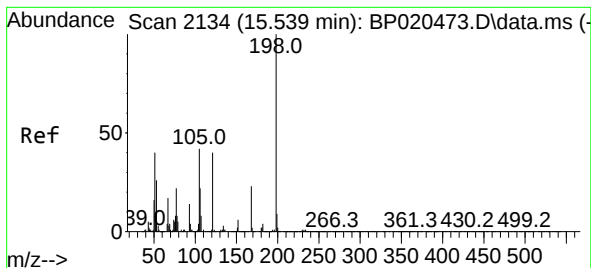
Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

80 9.5 8.1 12.1

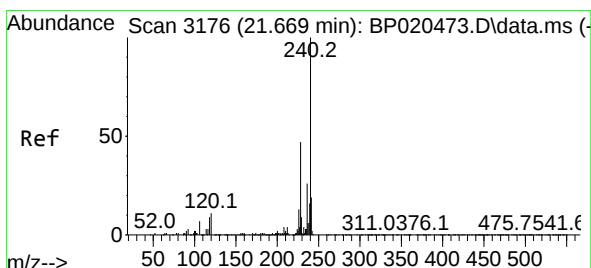
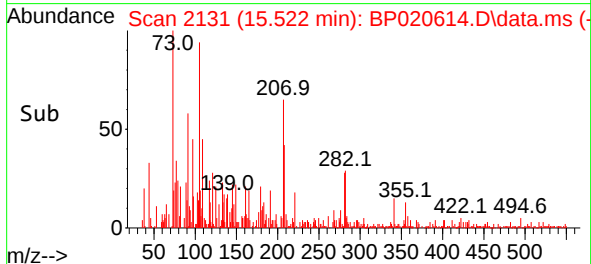
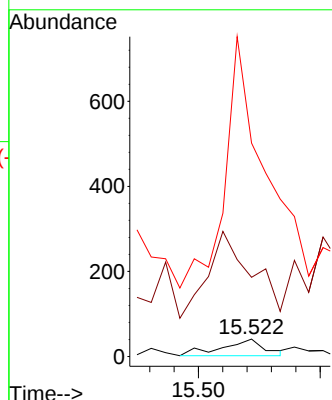
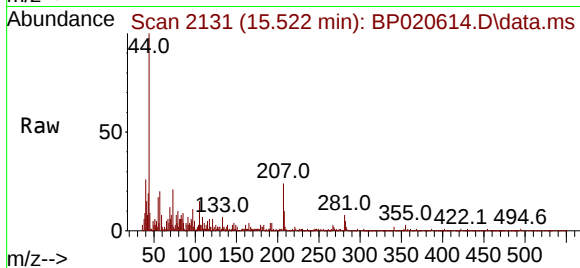




#65
4,6-Dinitro-2-methylphenol
Concen: 7.661 ng
RT: 15.522 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

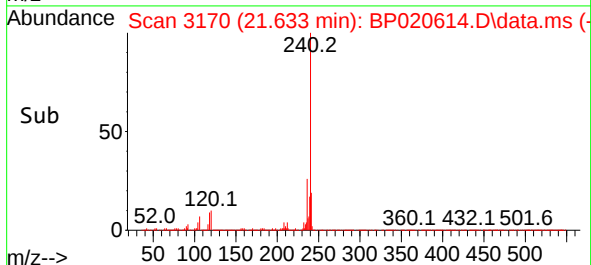
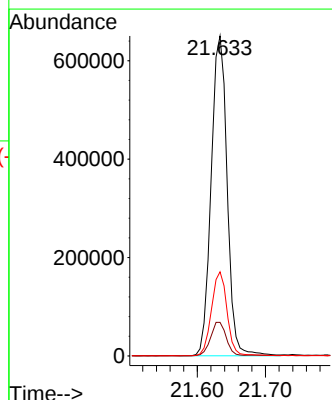
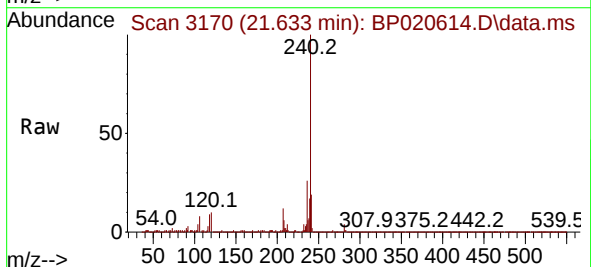
Instrument :
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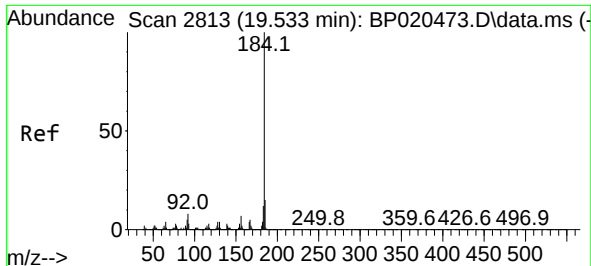
Tgt Ion:198 Resp: 47
Ion Ratio Lower Upper
198 100
51 453.7 24.8 64.8#
105 1224.4 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion:240 Resp: 1063693
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.3 20.5 30.7

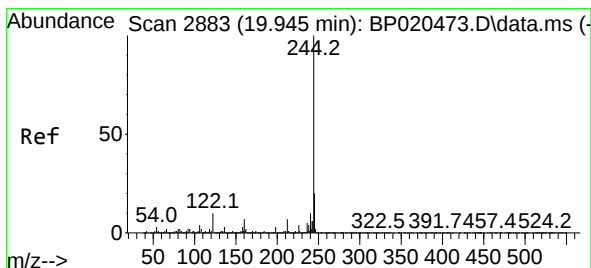
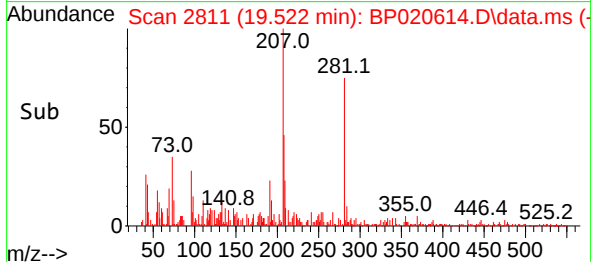
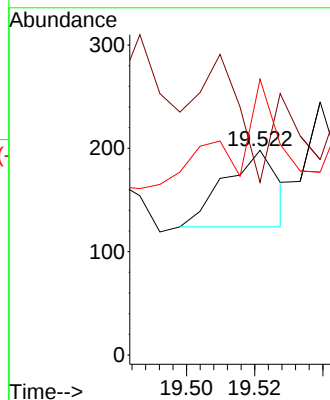
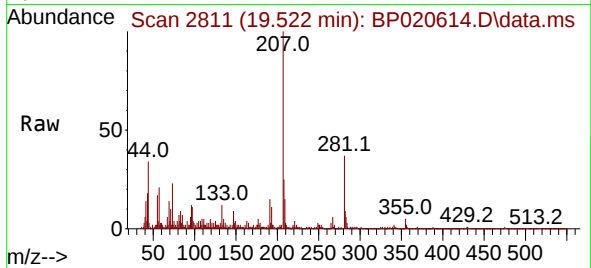




#77
Benzidine
Concen: 5.972 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

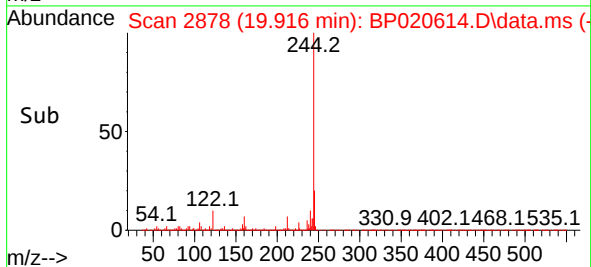
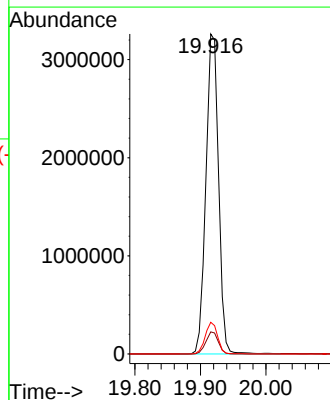
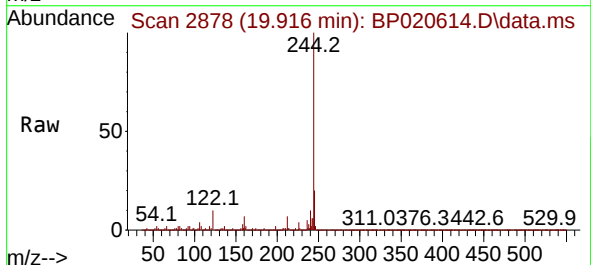
Instrument :
BNA_P
ClientSampleId :
ETGI-355

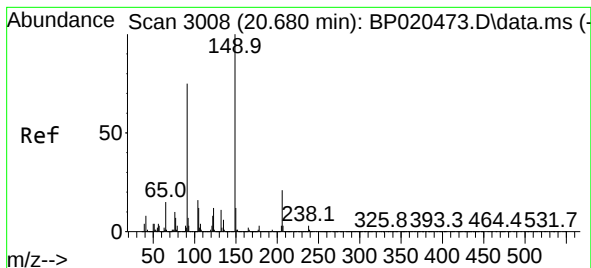
Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
185 84.3 12.0 18.0#
183 134.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.640 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.029 min
Lab File: BP020614.D
Acq: 13 Jun 2024 16:38

Tgt Ion:244 Resp: 4385849
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.9 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.442 ng

RT: 20.645 min Scan# 3008

Delta R.T. -0.035 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

Instrument :

BNA_P

ClientSampleId :

ETGI-355

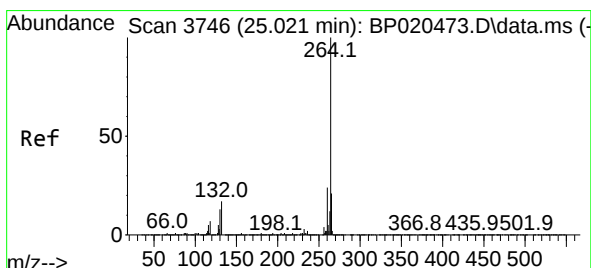
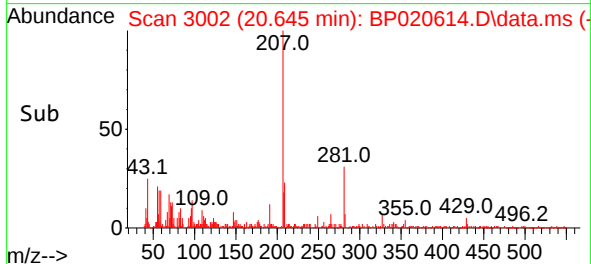
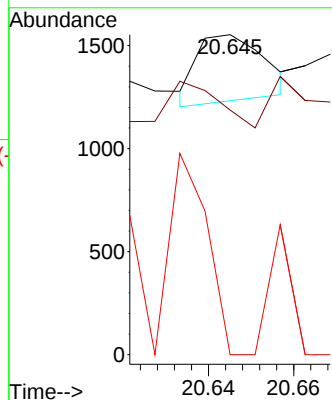
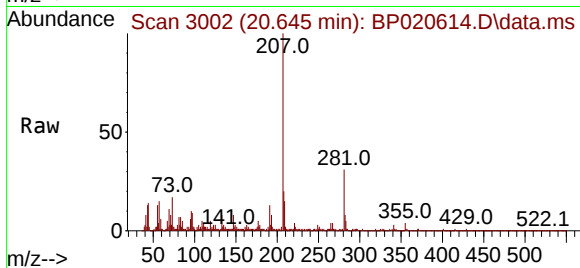
Tgt Ion:149 Resp: 357

Ion Ratio Lower Upper

149 100

91 76.4 60.0 90.0

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3740

Delta R.T. -0.035 min

Lab File: BP020614.D

Acq: 13 Jun 2024 16:38

Tgt Ion:264 Resp: 1211332

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.7 17.4 26.0

