

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013905.D
 Acq On : 01 Mar 2023 00:02
 Operator : CG/JU
 Sample : 01723-33
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-17

Quant Time: Mar 01 03:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

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

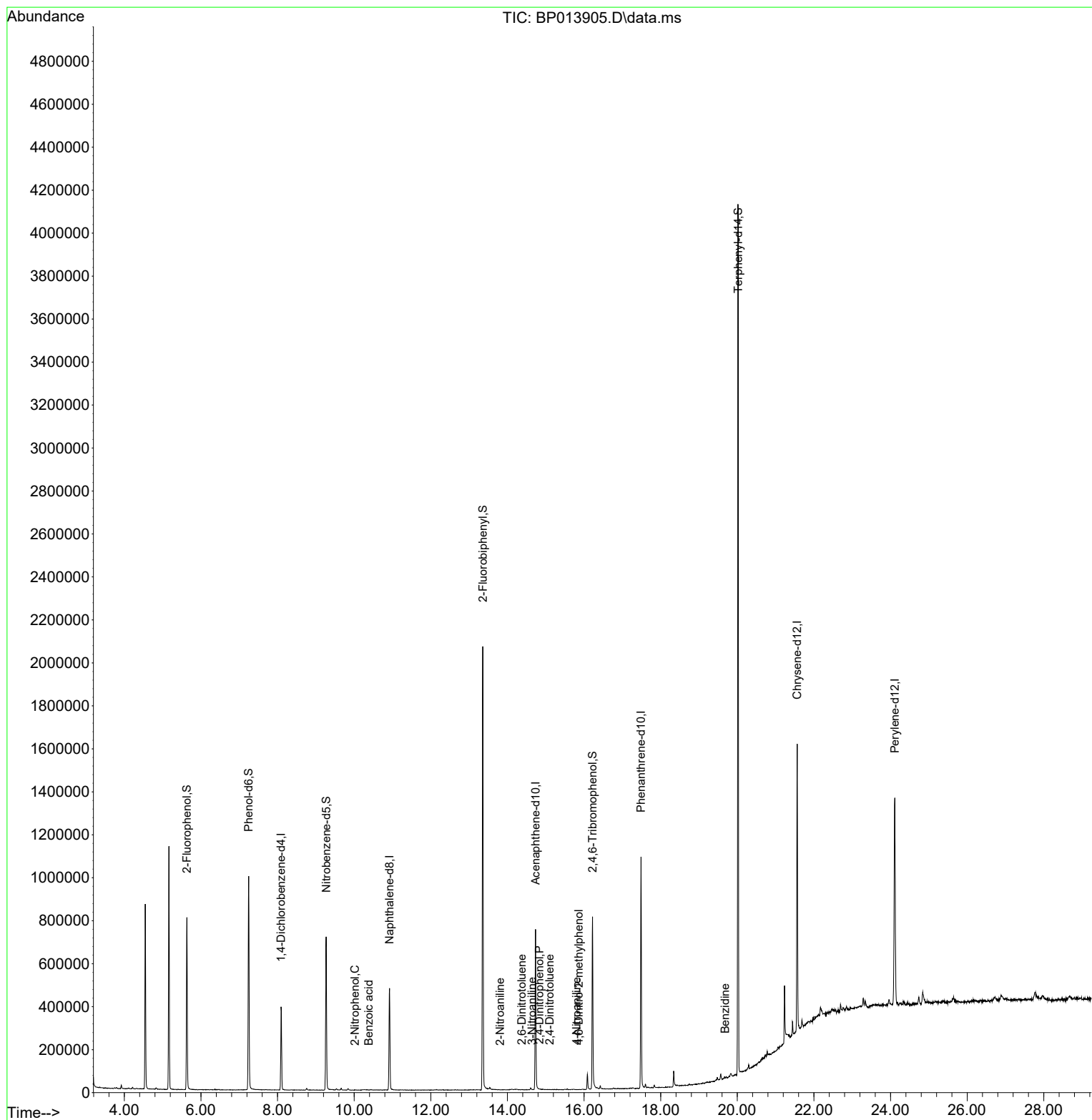
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	103429	20.000	ng	-0.01
21) Naphthalene-d8	10.922	136	383833	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	258201	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	631302	20.000	ng	0.00
76) Chrysene-d12	21.563	240	665232	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	801582	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	330192	52.615	ng	0.00
7) Phenol-d6	7.246	99	565493	70.358	ng	0.00
23) Nitrobenzene-d5	9.269	82	421107	59.244	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	166977	44.426	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1050078	53.417	ng	-0.01
79) Terphenyl-d14	20.022	244	2003083	57.933	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.016	139	5	2.770	ng	# 1
32) Benzoic acid	10.381	122	190	5.113	ng	90
48) 2-Nitroaniline	13.810	65	84	3.247	ng	# 19
51) 2,6-Dinitrotoluene	14.375	165	64	2.001	ng	87
53) 3-Nitroaniline	14.639	138	9	2.010	ng	# 1
54) 2,4-Dinitrophenol	14.834	184	5	5.264	ng	# 1
57) 2,4-Dinitrotoluene	15.104	165	62	2.290	ng	# 13
62) 4-Nitroaniline	15.804	138	18	2.551	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	2	4.624	ng	# 1
77) Benzidine	19.680	184	621	2.326	ng	# 68

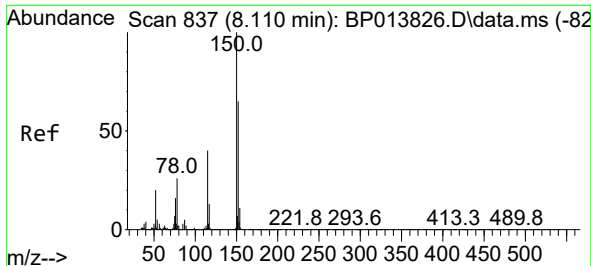
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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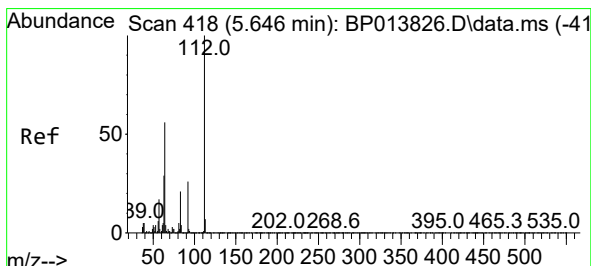
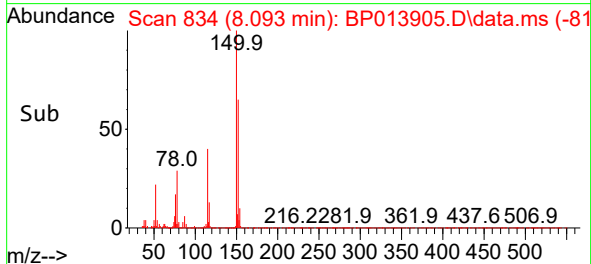
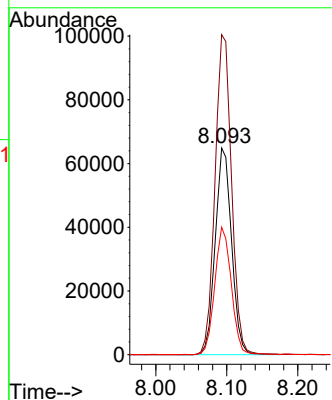
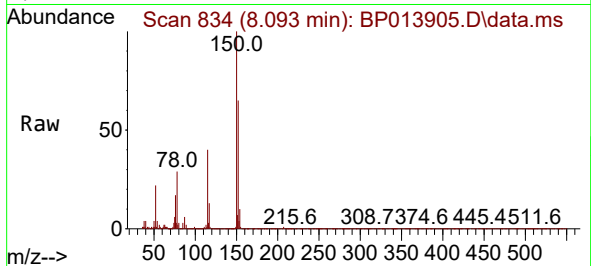




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

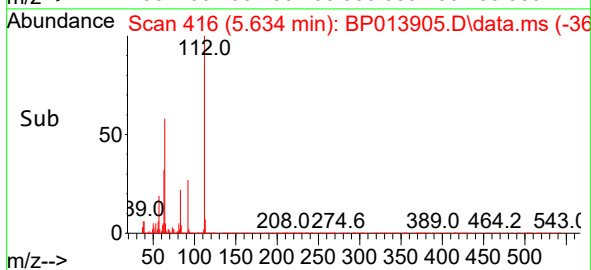
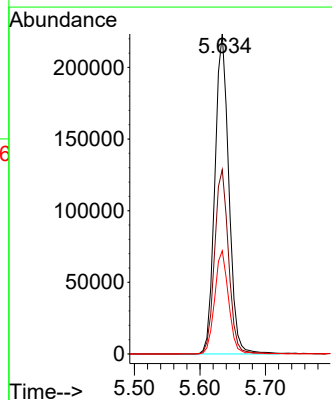
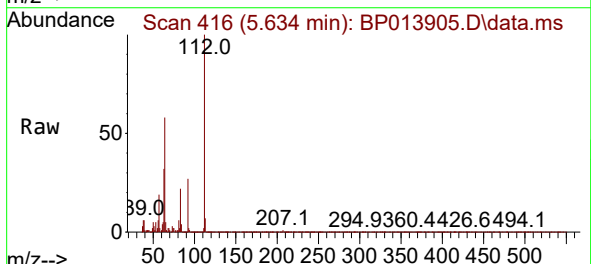
Instrument :
BNA_P
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HH-CON-17

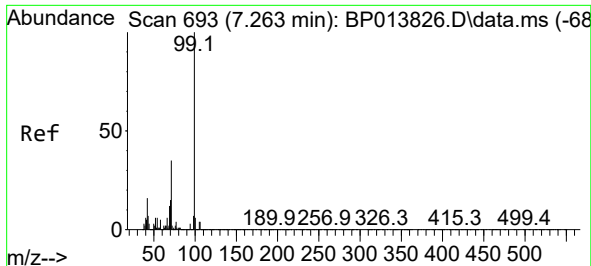
Tgt Ion:152 Resp: 103429
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 61.7 49.0 73.6



#5
2-Fluorophenol
Concen: 52.615 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion:112 Resp: 330192
Ion Ratio Lower Upper
112 100
64 57.6 44.6 66.8
63 32.2 23.6 35.4

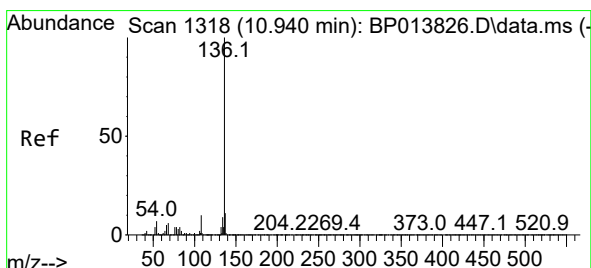
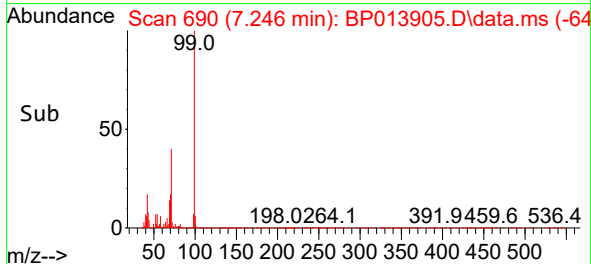
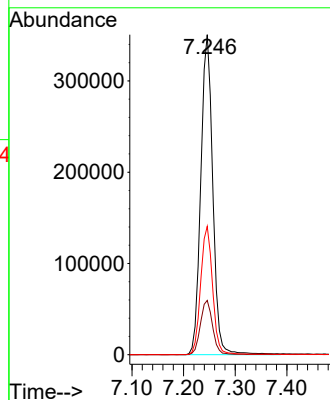
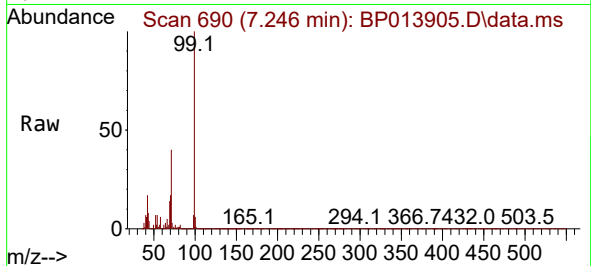




#7
Phenol-d6
Concen: 70.358 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

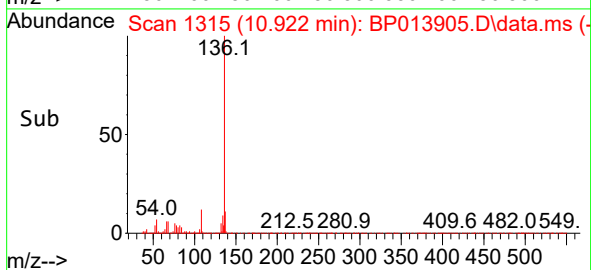
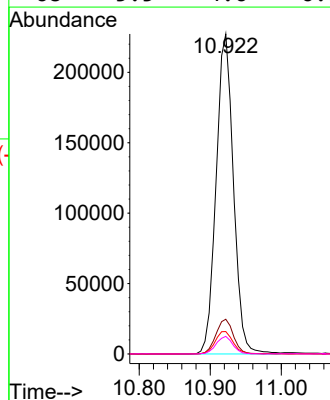
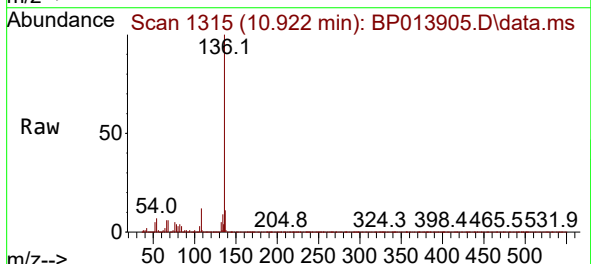
Instrument :
BNA_P
ClientSampleId :
HH-CON-17

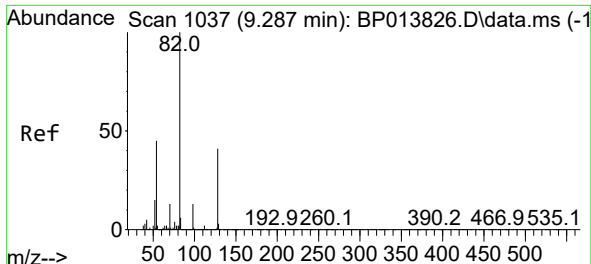
Tgt Ion: 99 Resp: 565493
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 40.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion: 136 Resp: 383833
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 5.8 8.6
68 5.5 4.6 6.8

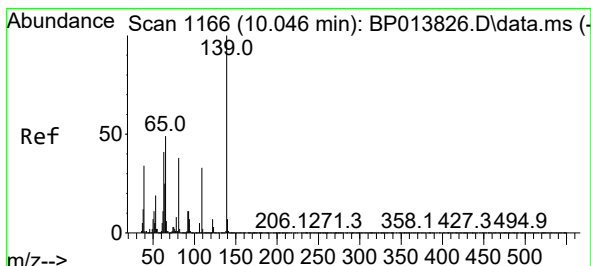
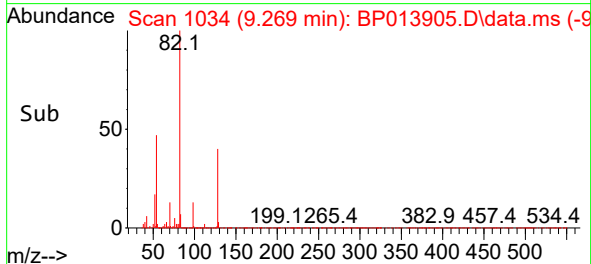
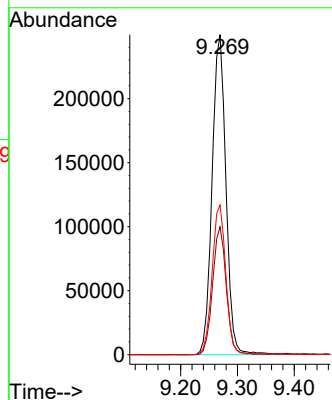
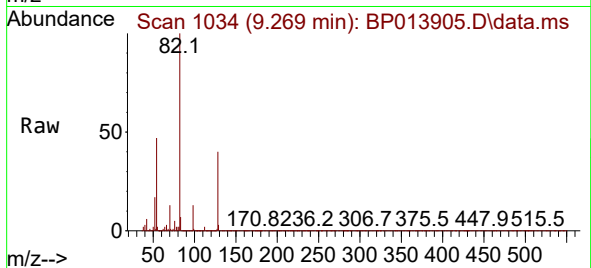




#23
Nitrobenzene-d5
Concen: 59.244 ng
RT: 9.269 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

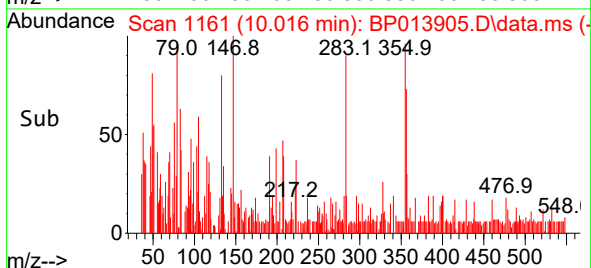
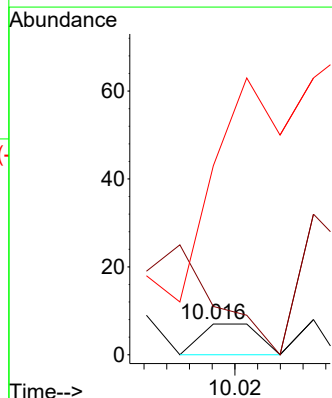
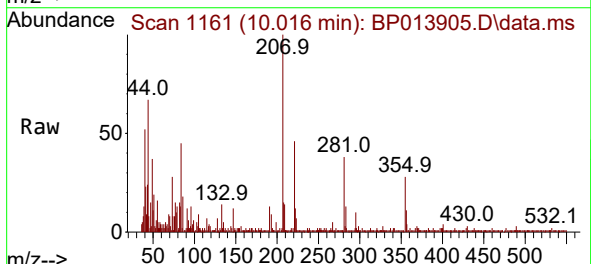
Instrument :
BNA_P
ClientSampleId :
HH-CON-17

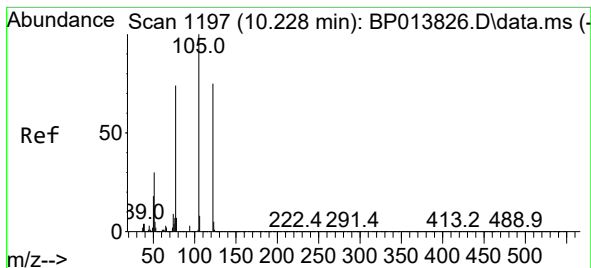
Tgt Ion: 82 Resp: 421107
Ion Ratio Lower Upper
82 100
128 40.0 32.9 49.3
54 46.8 35.6 53.4



#26
2-Nitrophenol
Concen: 2.770 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion:139 Resp: 5
Ion Ratio Lower Upper
139 100
109 157.1 26.7 40.1#
65 614.3 39.4 59.2#





#32

Benzoic acid

Concen: 5.113 ng

RT: 10.381 min Scan# 1197

Delta R.T. 0.165 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

HH-CON-17

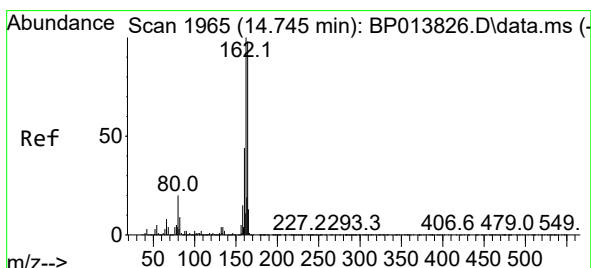
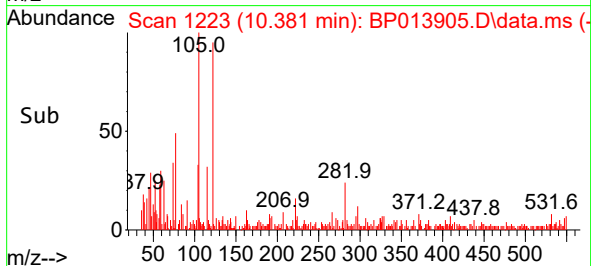
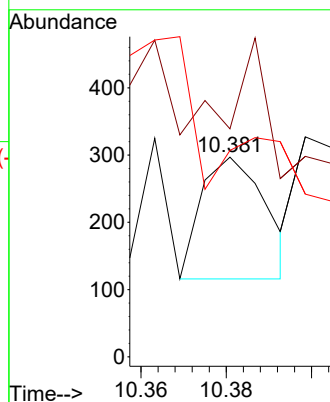
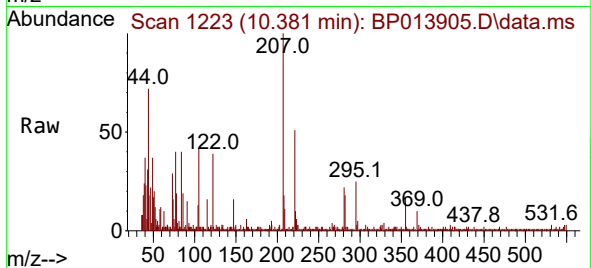
Tgt Ion:122 Resp: 190

Ion Ratio Lower Upper

122 100

105 114.1 107.4 147.4

77 103.4 76.0 116.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

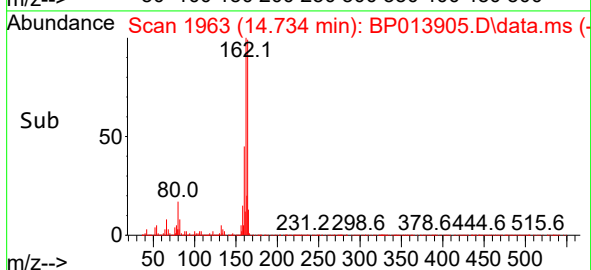
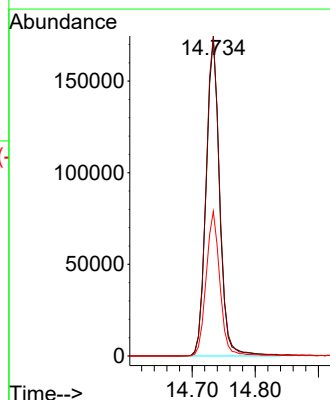
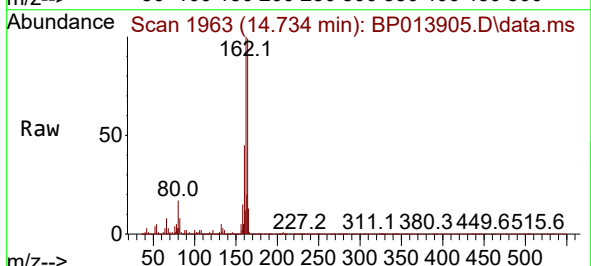
Tgt Ion:164 Resp: 258201

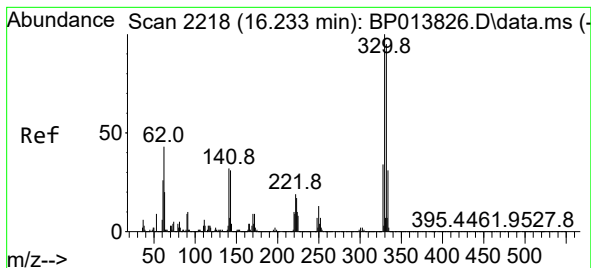
Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

160 45.6 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 44.426 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

HH-CON-17

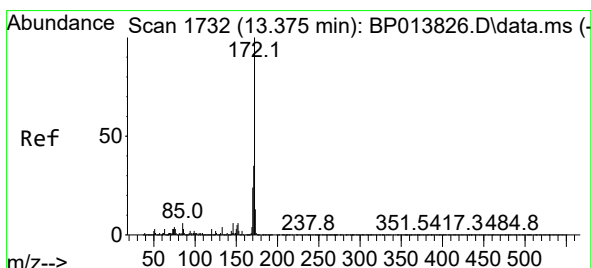
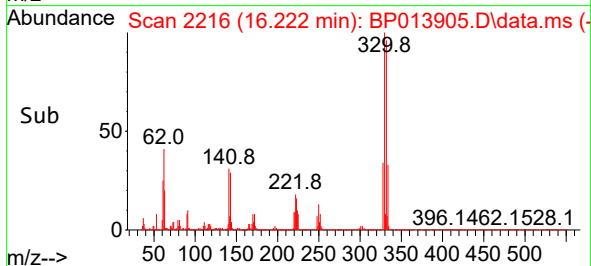
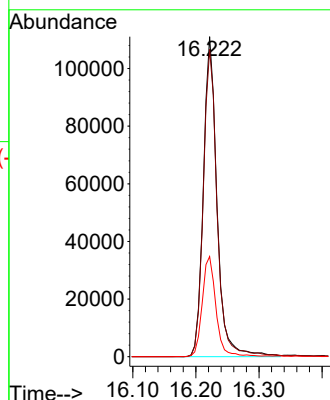
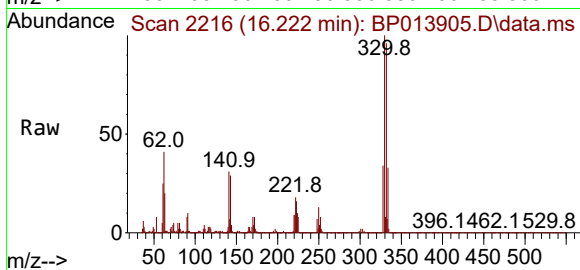
Tgt Ion:330 Resp: 166977

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

141 31.5 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 53.417 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

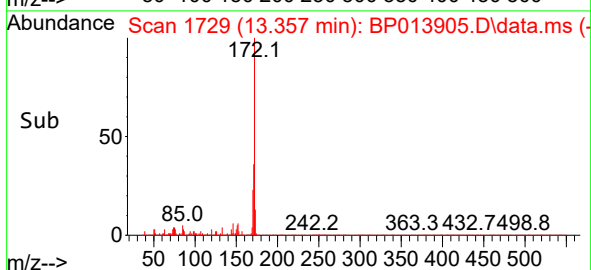
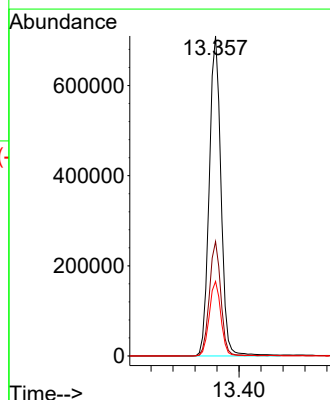
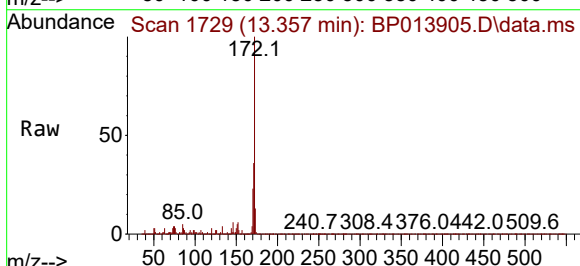
Tgt Ion:172 Resp: 1050078

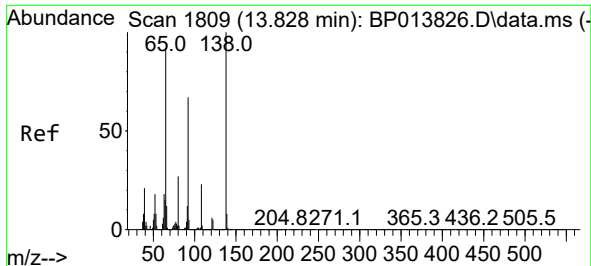
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.3 19.0 28.4

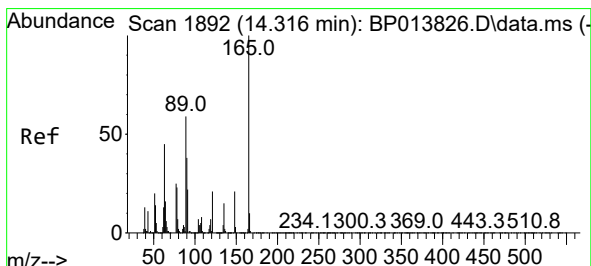
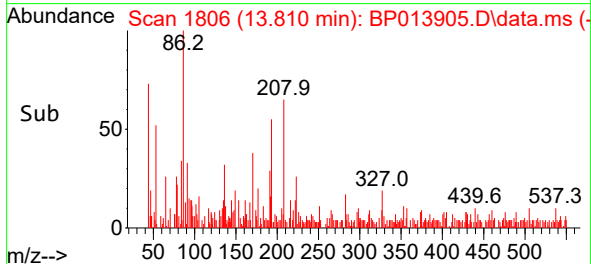
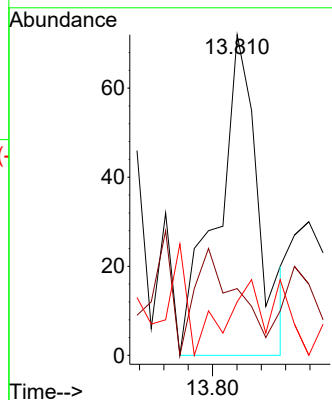
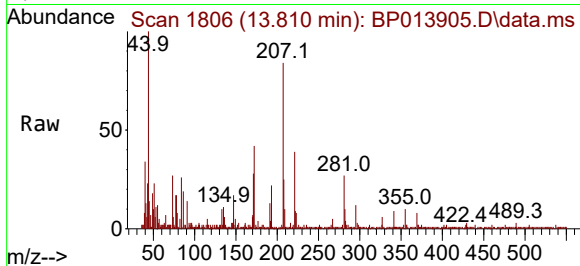




#48
2-Nitroaniline
Concen: 3.247 ng
RT: 13.810 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

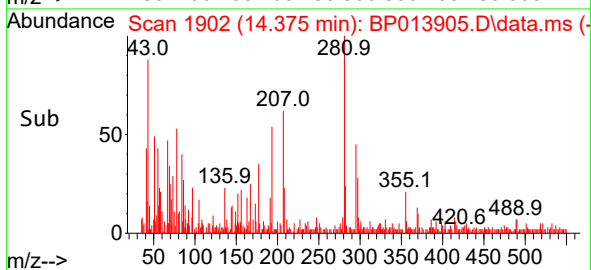
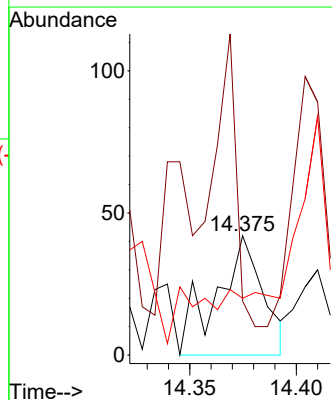
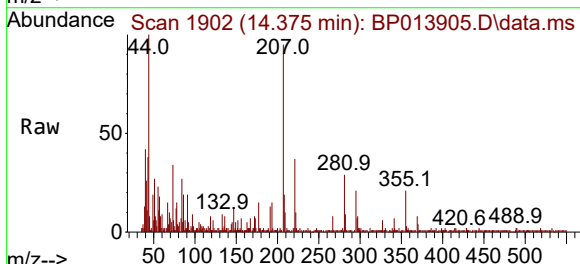
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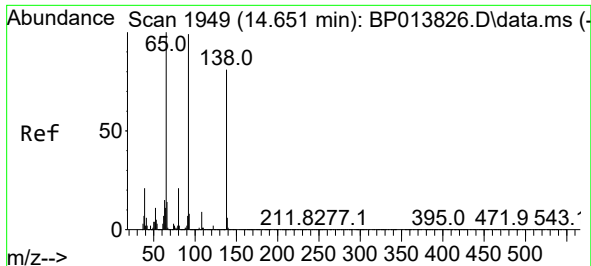
Tgt Ion: 65 Resp: 84
Ion Ratio Lower Upper
65 100
92 17.2 58.7 88.1#
138 13.8 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.001 ng
RT: 14.375 min Scan# 1902
Delta R.T. 0.059 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion: 165 Resp: 64
Ion Ratio Lower Upper
165 100
63 45.2 42.6 63.8
89 47.6 47.1 70.7

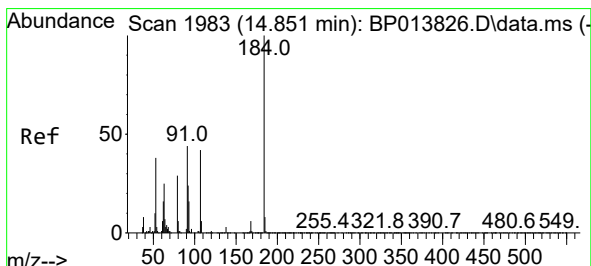
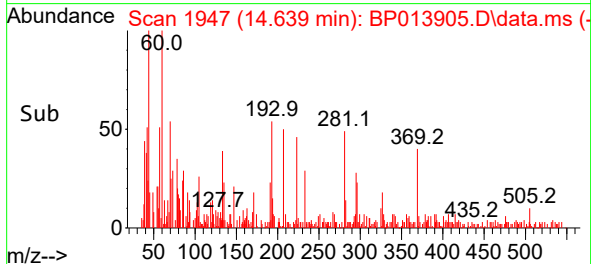
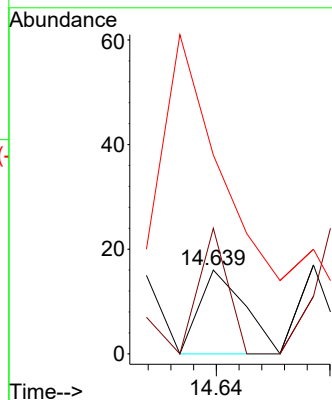
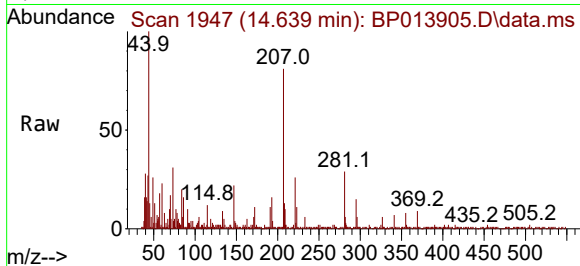




#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

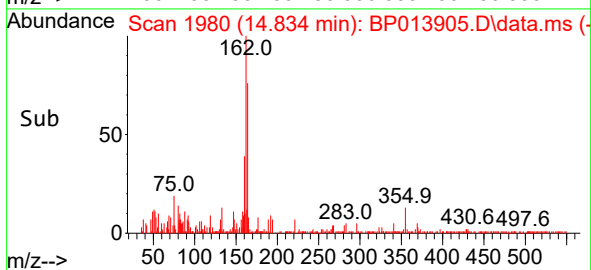
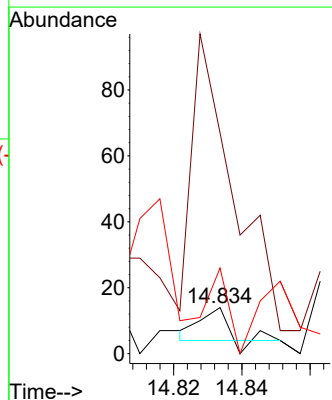
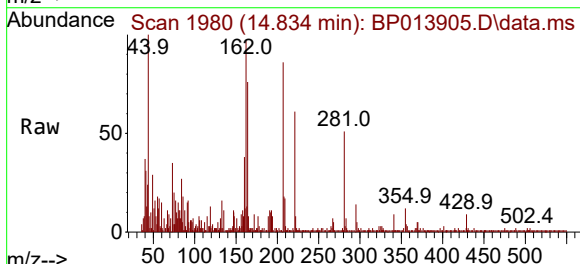
Instrument :
BNA_P
ClientSampleId :
HH-CON-17

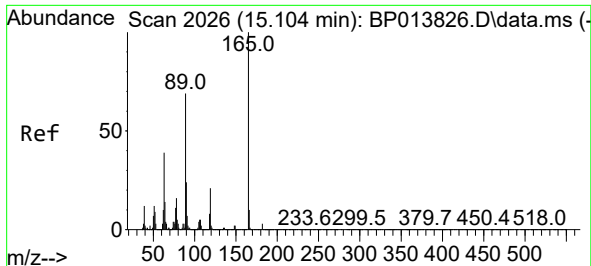
Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
108 150.0 9.0 13.4#
92 237.5 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.264 ng
RT: 14.834 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 478.6 47.0 70.4#
154 185.7 51.5 77.3#

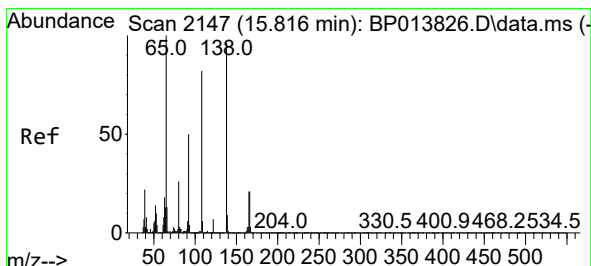
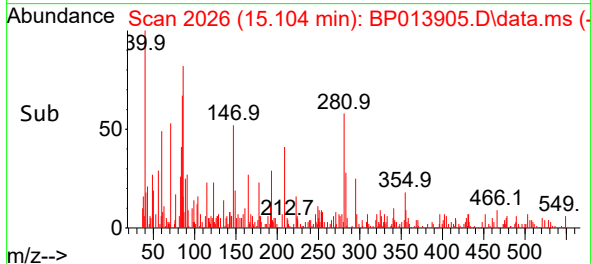
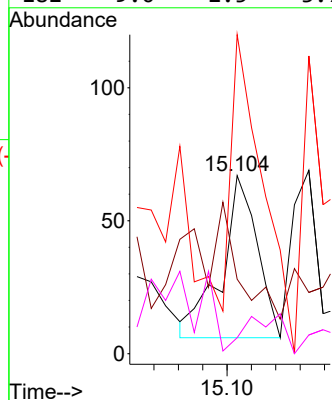
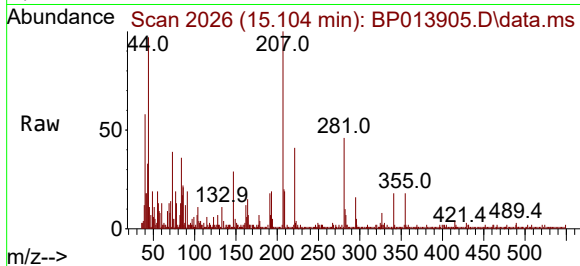




#57
2,4-Dinitrotoluene
Concen: 2.290 ng
RT: 15.104 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

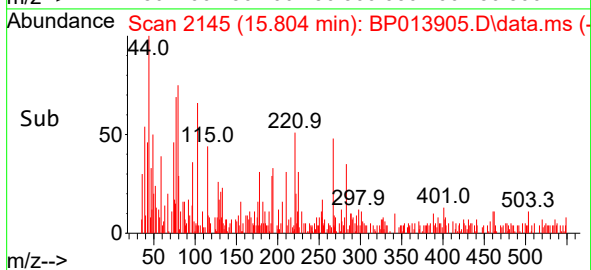
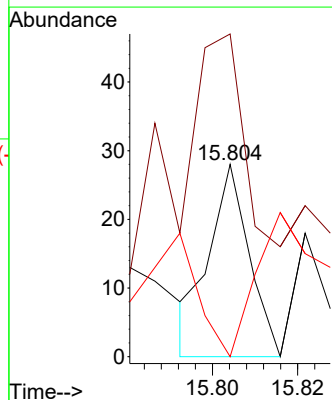
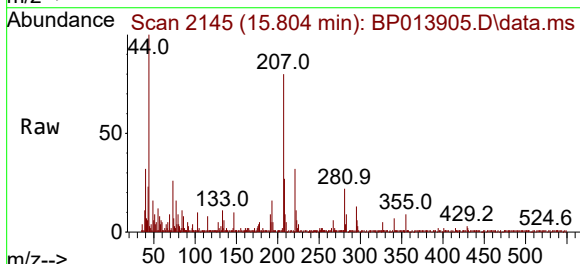
Instrument :
BNA_P
ClientSampleId :
HH-CON-17

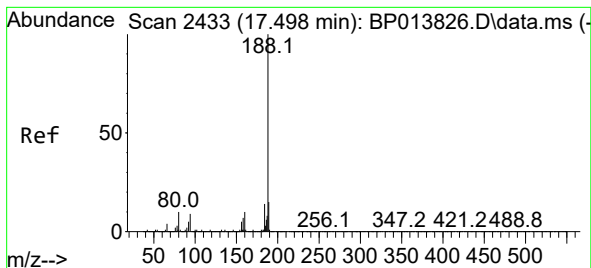
Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
63 41.8 31.1 46.7
89 179.1 54.9 82.3#
182 9.0 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013905.D
Acq: 01 Mar 2023 00:02

Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 167.9 32.0 72.0#
108 0.0 65.6 105.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

HH-CON-17

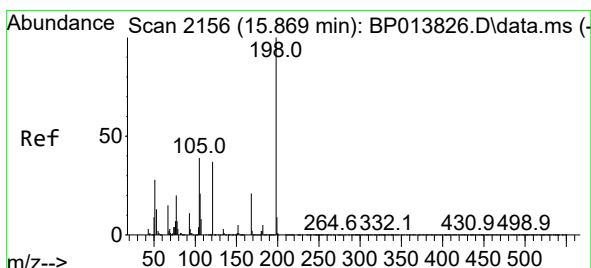
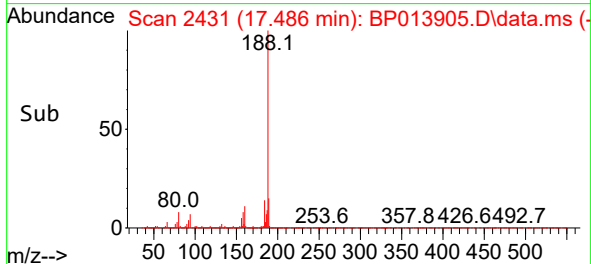
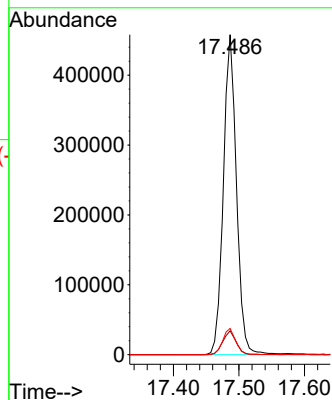
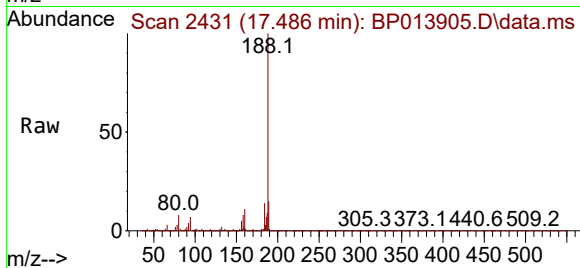
Tgt Ion:188 Resp: 631302

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.624 ng

RT: 15.863 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

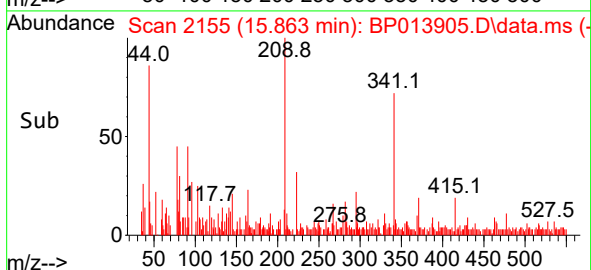
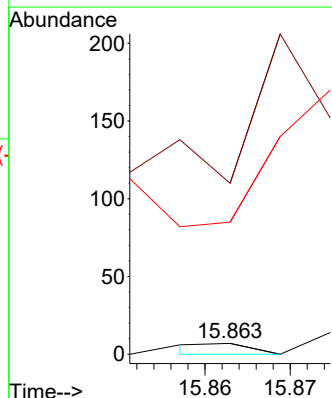
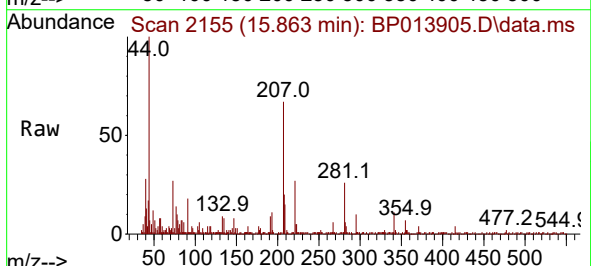
Tgt Ion:198 Resp: 2

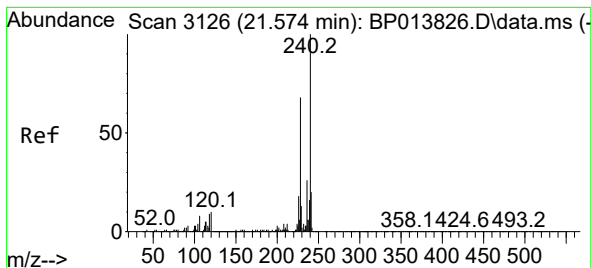
Ion Ratio Lower Upper

198 100

51 1571.4 14.3 54.3#

105 1214.3 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

HH-CON-17

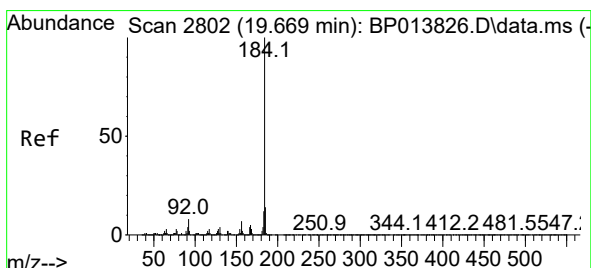
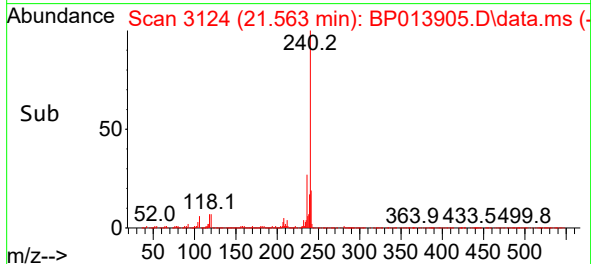
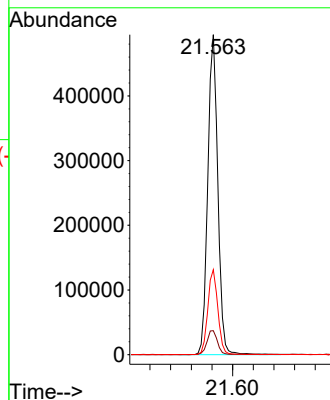
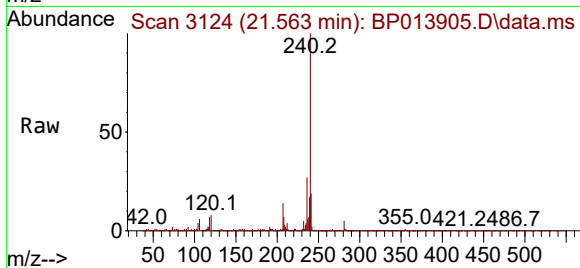
Tgt Ion:240 Resp: 665232

Ion Ratio Lower Upper

240 100

120 7.5 7.9 11.9#

236 26.5 20.9 31.3



#77

Benzidine

Concen: 2.326 ng

RT: 19.680 min Scan# 2804

Delta R.T. 0.018 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

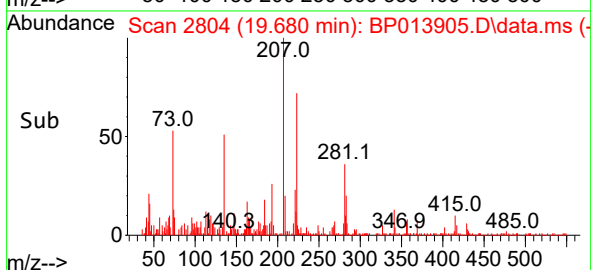
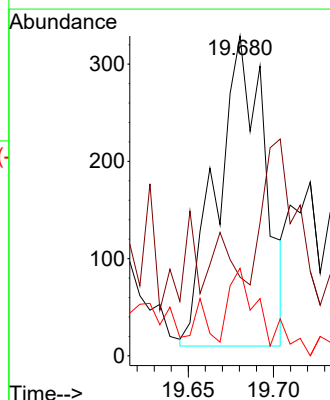
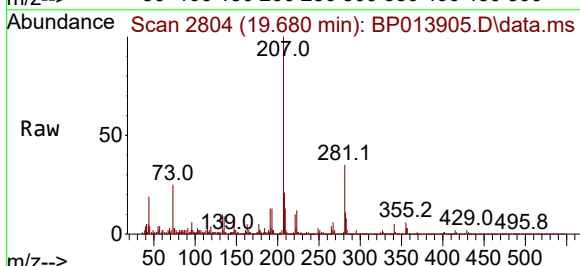
Tgt Ion:184 Resp: 621

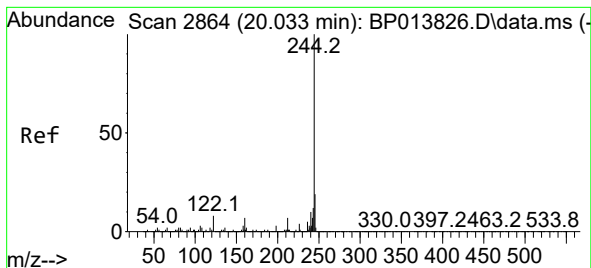
Ion Ratio Lower Upper

184 100

185 24.6 11.4 17.0#

183 27.4 9.6 14.4#





#79

Terphenyl-d14

Concen: 57.933 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

HH-CON-17

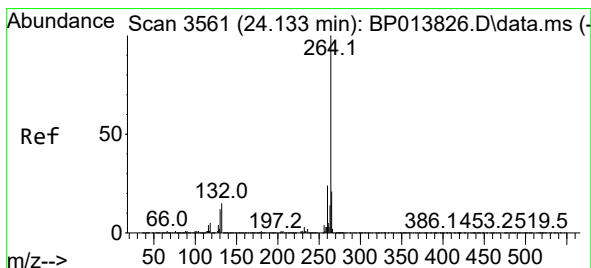
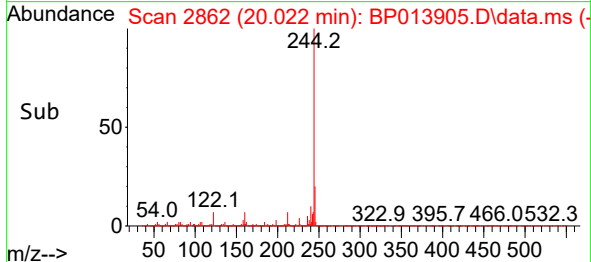
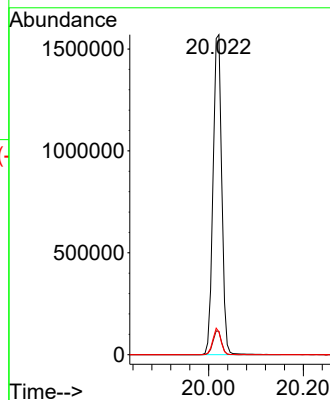
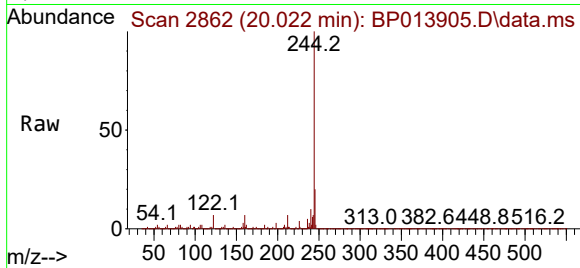
Tgt Ion:244 Resp: 2003083

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.2 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP013905.D

Acq: 01 Mar 2023 00:02

Tgt Ion:264 Resp: 801582

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.8 17.6 26.4

