

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013907.D
 Acq On : 01 Mar 2023 01:10
 Operator : CG/JU
 Sample : 01723-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-8

Quant Time: Mar 01 03:51:53 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)

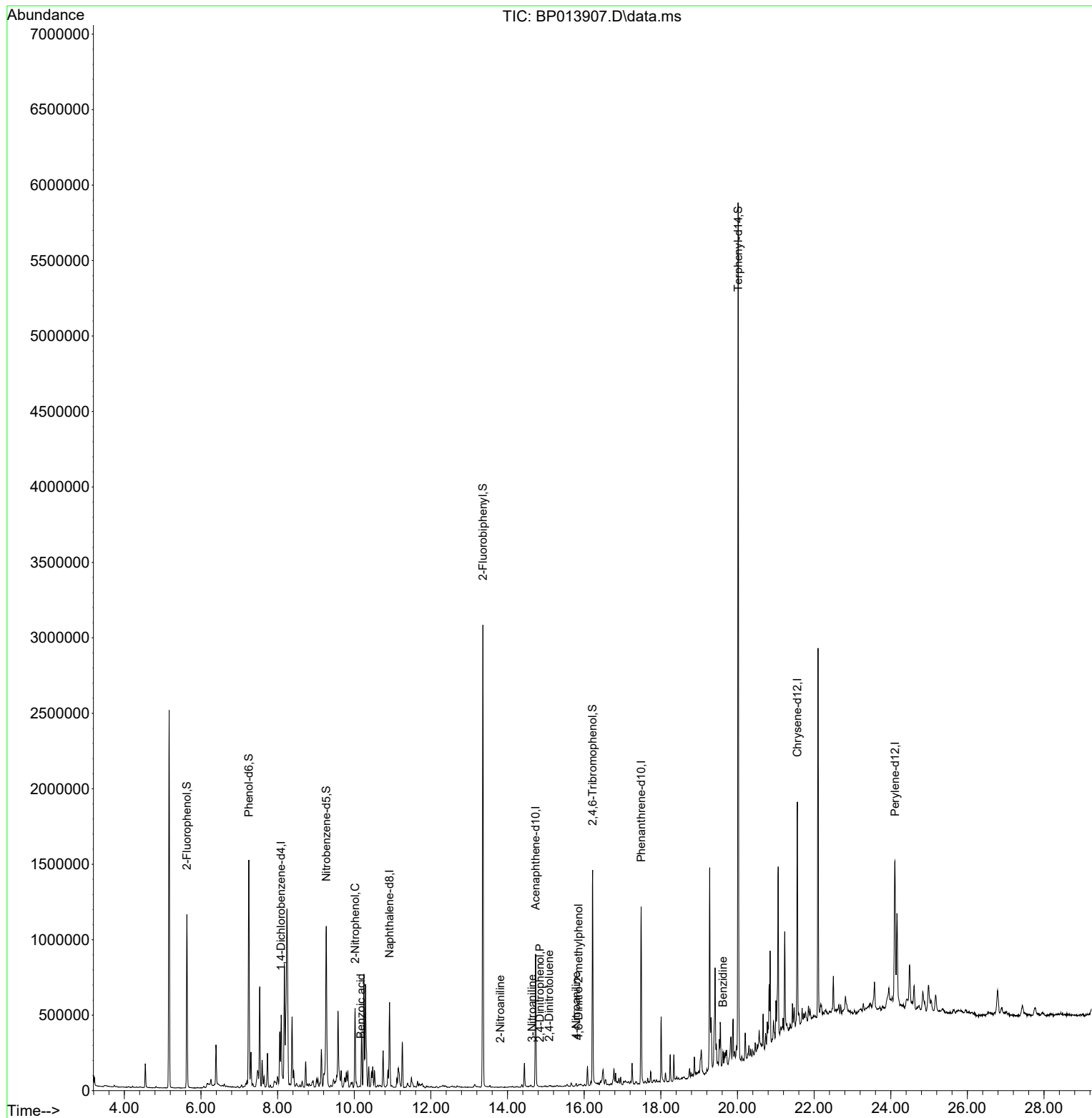
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	114301	20.000	ng	-0.01
21) Naphthalene-d8	10.922	136	448908	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	304192	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	713869	20.000	ng	0.00
76) Chrysene-d12	21.563	240	695292	20.000	ng	-0.01
86) Perylene-d12	24.110	264	803583	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	472212	68.088	ng	0.00
7) Phenol-d6	7.246	99	866250	97.526	ng	0.00
23) Nitrobenzene-d5	9.269	82	612988	73.737	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	279006	63.009	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1518390	65.562	ng	-0.01
79) Terphenyl-d14	20.022	244	2756080	76.265	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	10.022	139	175	2.809	ng	# 1
32) Benzoic acid	10.169	122	1975	5.410	ng	# 76
48) 2-Nitroaniline	13.810	65	204	3.266	ng	# 23
53) 3-Nitroaniline	14.640	138	19	2.011	ng	# 1
54) 2,4-Dinitrophenol	14.845	184	19	5.267	ng	# 1
57) 2,4-Dinitrotoluene	15.087	165	862	2.394	ng	# 71
62) 4-Nitroaniline	15.793	138	18	2.550	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.851	198	84	4.639	ng	# 1
77) Benzidine	19.622	184	7567	2.790	ng	# 1

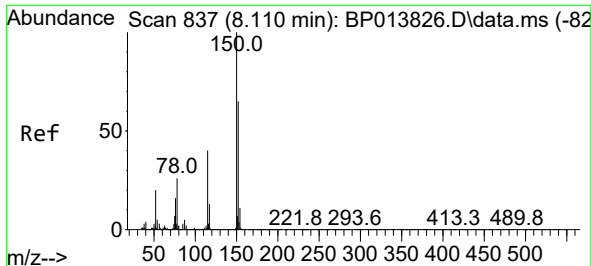
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
Data File : BP013907.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Mar 01 03:51:53 2023
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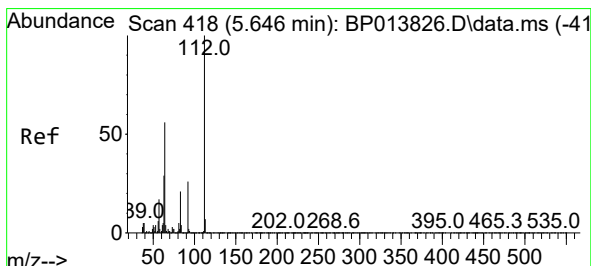
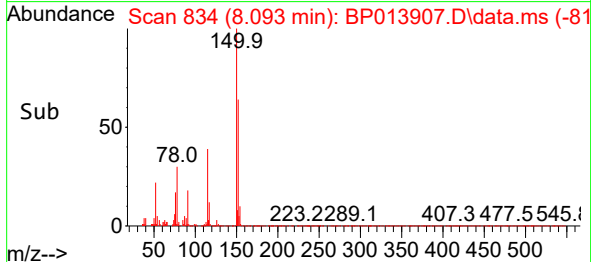
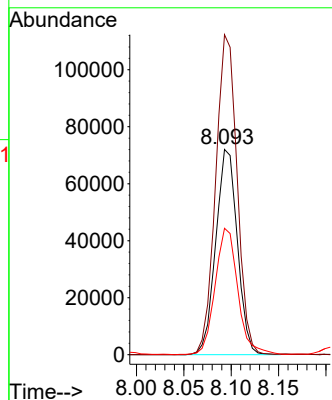
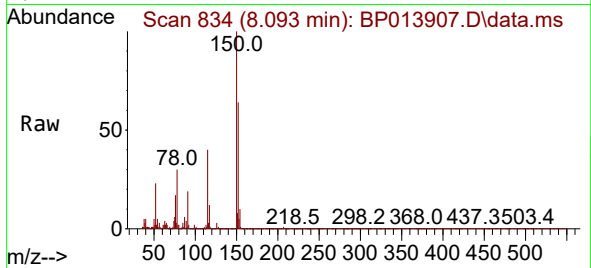




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

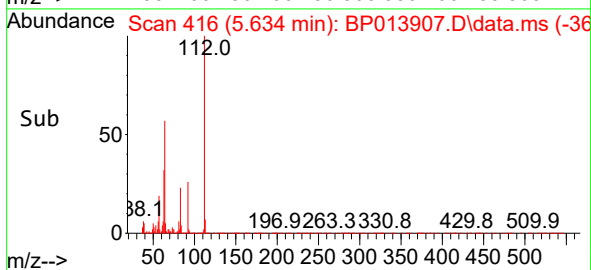
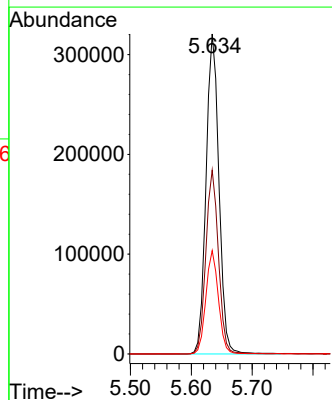
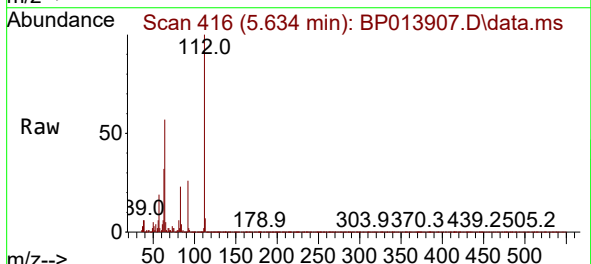
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

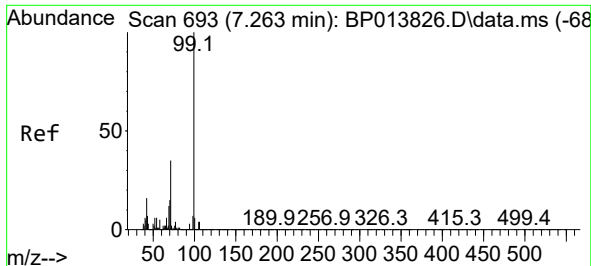
Tgt Ion:152 Resp: 114301
Ion Ratio Lower Upper
152 100
150 155.9 122.8 184.2
115 61.6 49.0 73.6



#5
2-Fluorophenol
Concen: 68.088 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:112 Resp: 472212
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 32.3 23.6 35.4

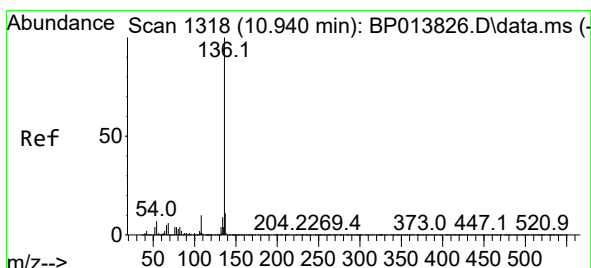
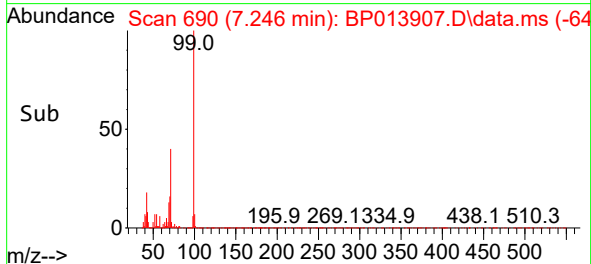
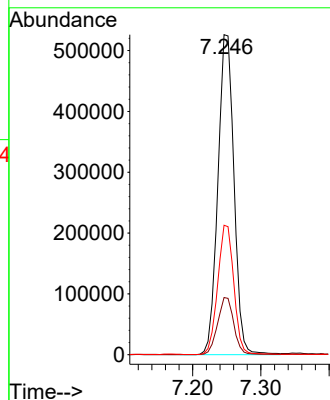
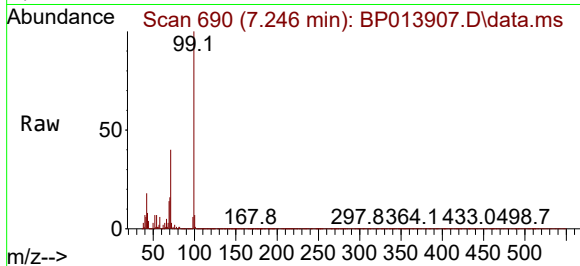




#7
Phenol-d6
Concen: 97.526 ng
RT: 7.246 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

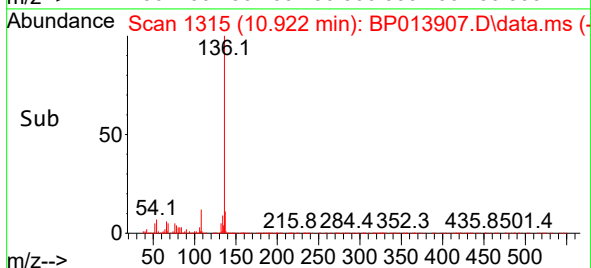
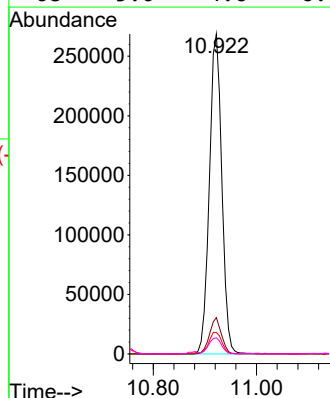
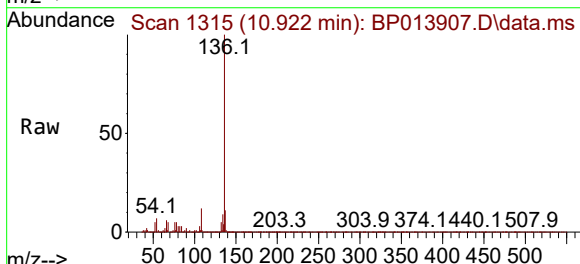
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

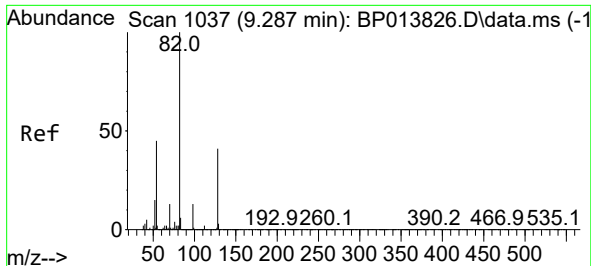
Tgt Ion: 99 Resp: 866250
Ion Ratio Lower Upper
99 100
42 17.9 12.5 18.7
71 40.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion: 136 Resp: 448908
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.7 5.8 8.6
68 5.0 4.6 6.8

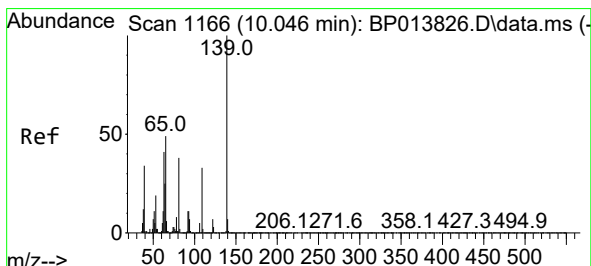
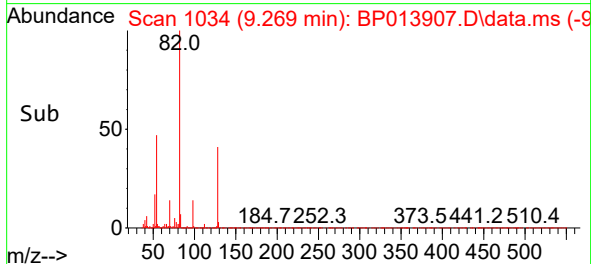
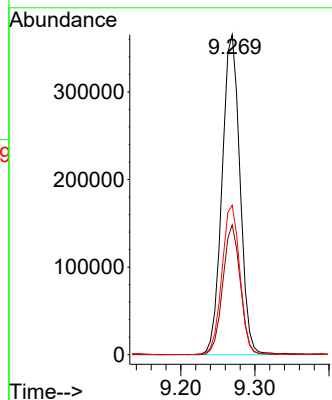
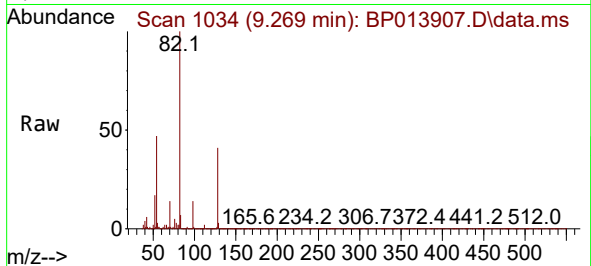




#23
Nitrobenzene-d5
Concen: 73.737 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

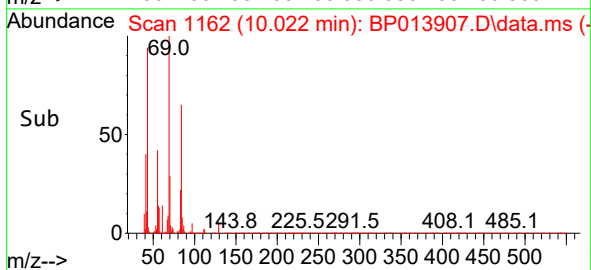
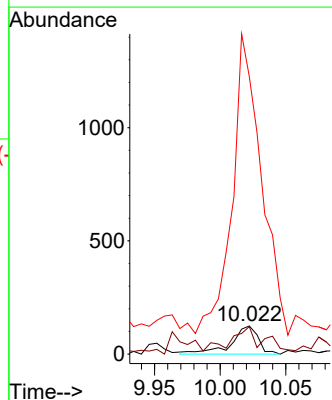
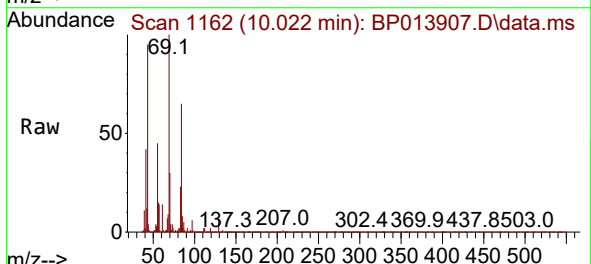
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

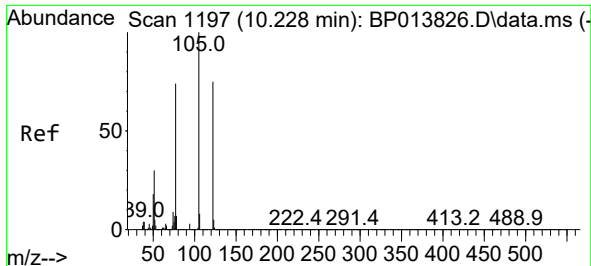
Tgt Ion: 82 Resp: 612988
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 46.7 35.6 53.4



#26
2-Nitrophenol
Concen: 2.809 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:139 Resp: 175
Ion Ratio Lower Upper
139 100
109 97.6 26.7 40.1#
65 987.9 39.4 59.2#

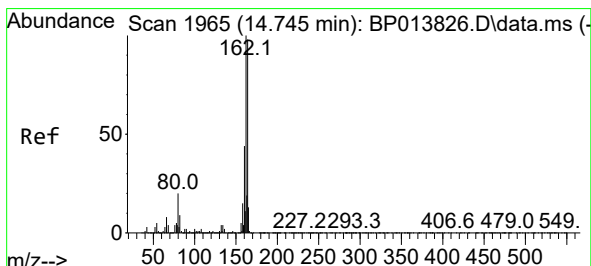
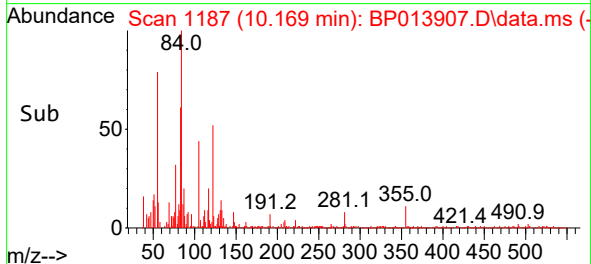
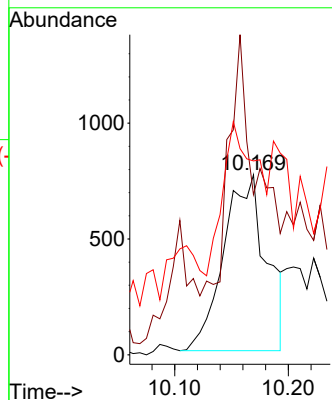
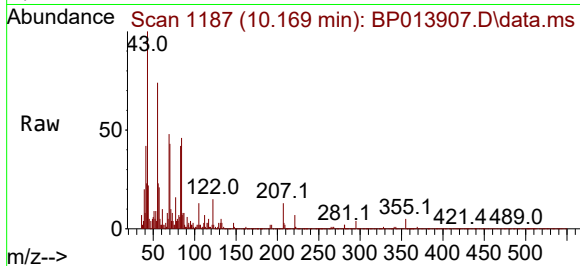




#32
Benzoic acid
Concen: 5.410 ng
RT: 10.169 min Scan# 1197
Delta R.T. -0.047 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

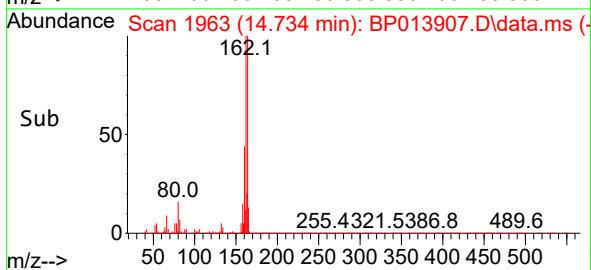
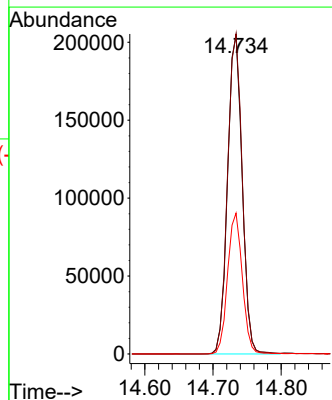
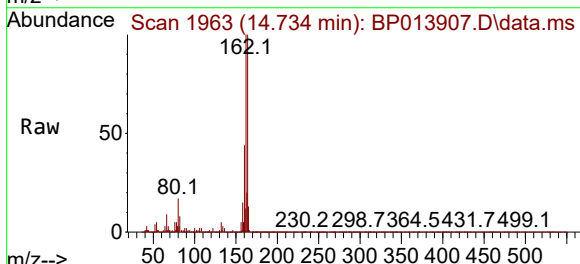
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

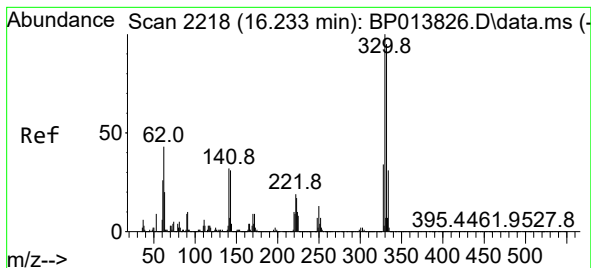
Tgt Ion:122 Resp: 1975
Ion Ratio Lower Upper
122 100
105 88.9 107.4 147.4#
77 107.7 76.0 116.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:164 Resp: 304192
Ion Ratio Lower Upper
164 100
162 100.4 81.7 122.5
160 44.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 63.009 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013907.D

Acq: 01 Mar 2023 01:10

Instrument :

BNA_P

ClientSampleId :

HH-CON-8

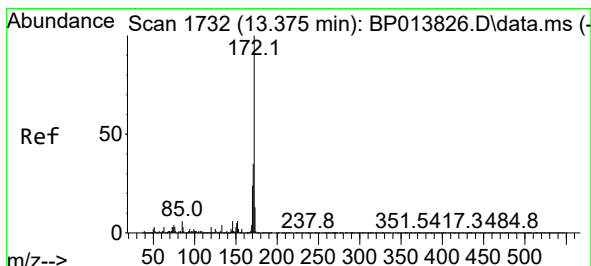
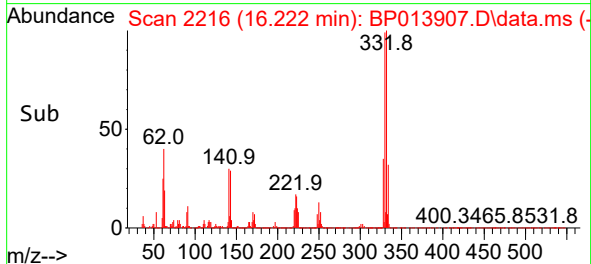
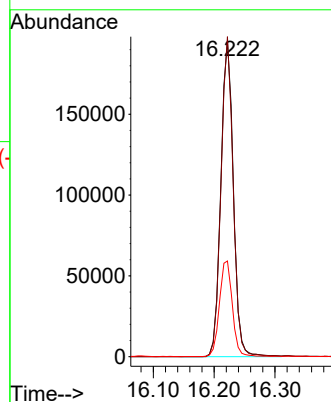
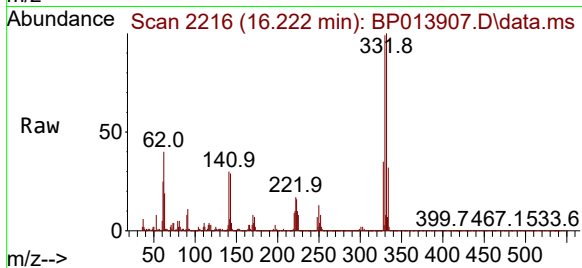
Tgt Ion:330 Resp: 279006

Ion Ratio Lower Upper

330 100

332 98.2 76.7 115.1

141 31.2 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 65.562 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013907.D

Acq: 01 Mar 2023 01:10

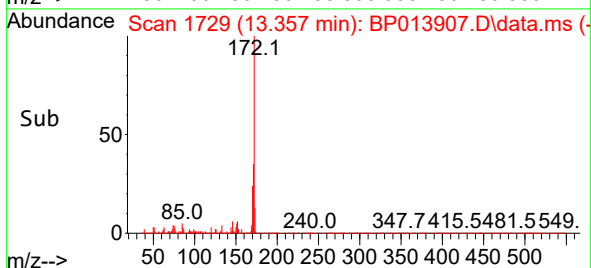
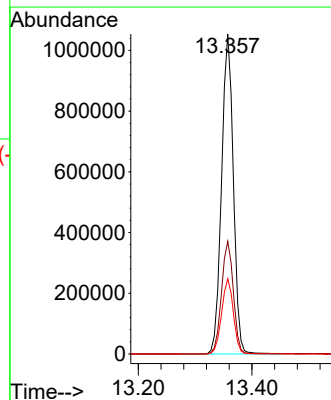
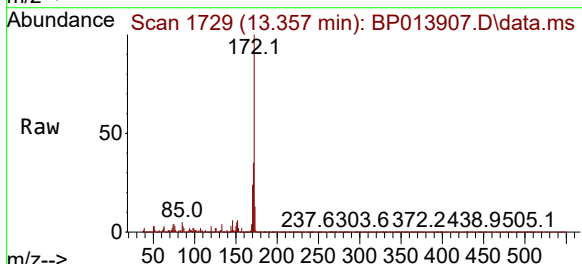
Tgt Ion:172 Resp: 1518390

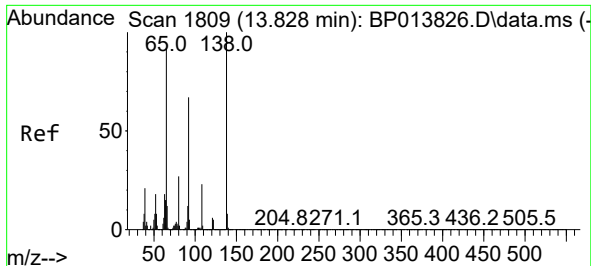
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 19.0 28.4

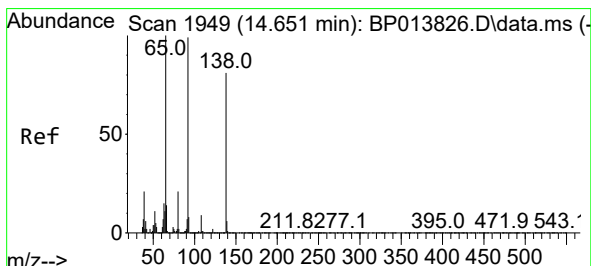
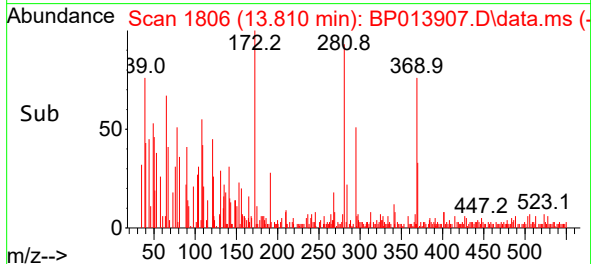
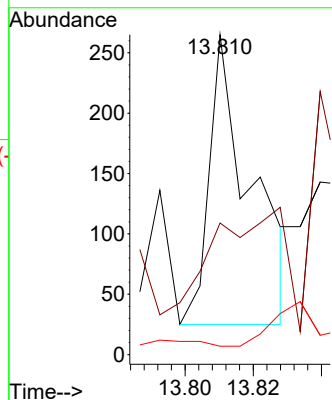
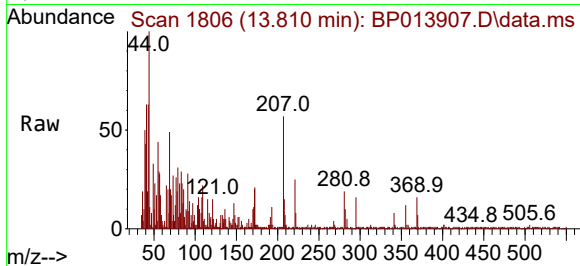




#48
2-Nitroaniline
Concen: 3.266 ng
RT: 13.810 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

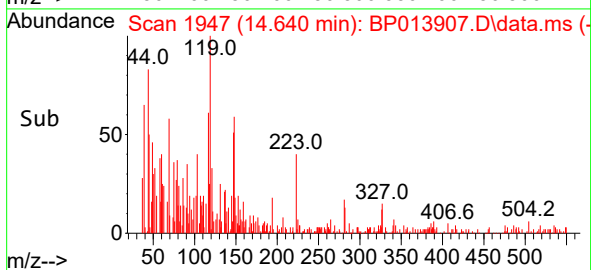
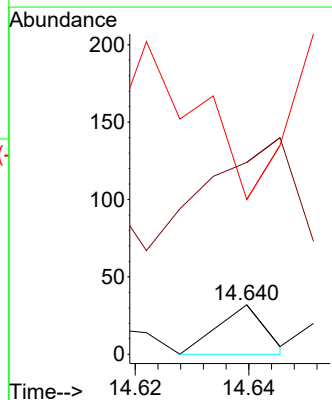
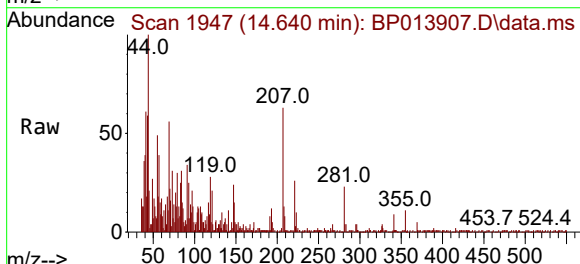
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

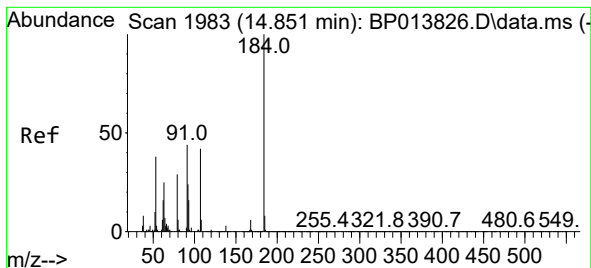
Tgt Ion: 65 Resp: 204
Ion Ratio Lower Upper
65 100
92 39.1 58.7 88.1#
138 2.5 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.011 ng
RT: 14.640 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion: 138 Resp: 19
Ion Ratio Lower Upper
138 100
108 387.5 9.0 13.4#
92 312.5 97.1 145.7#

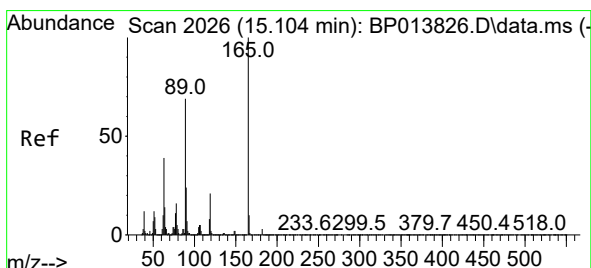
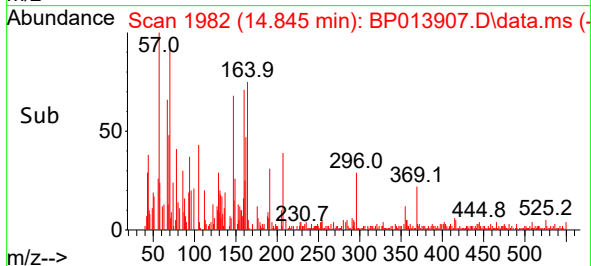
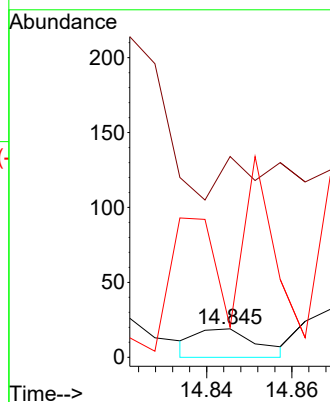
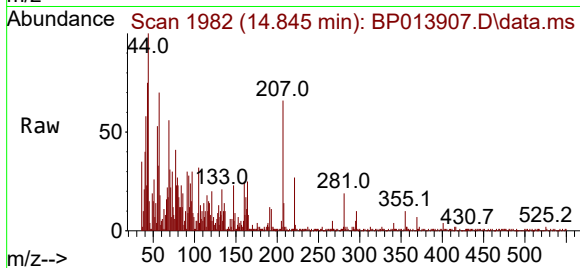




#54
2,4-Dinitrophenol
Concen: 5.267 ng
RT: 14.845 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

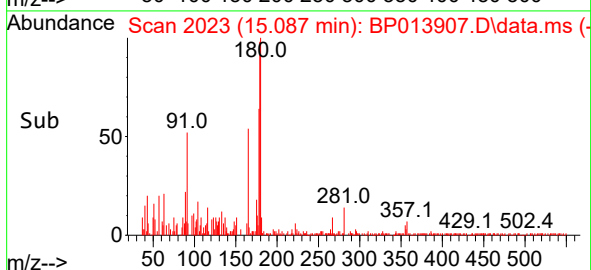
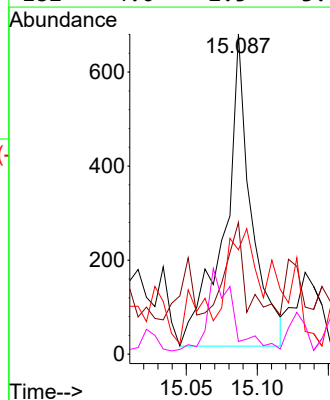
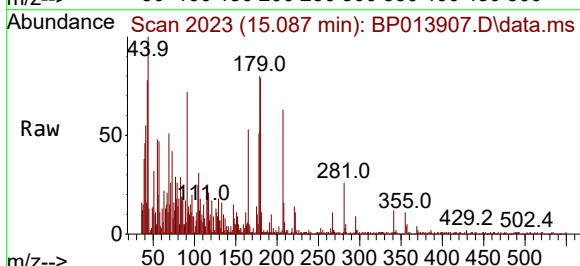
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

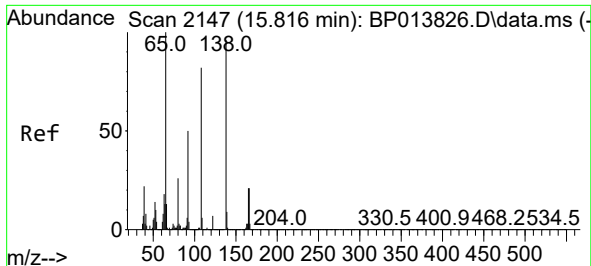
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 705.3 47.0 70.4#
154 105.3 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.394 ng
RT: 15.087 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:165 Resp: 862
Ion Ratio Lower Upper
165 100
63 41.1 31.1 46.7
89 32.6 54.9 82.3#
182 4.0 2.5 3.7#

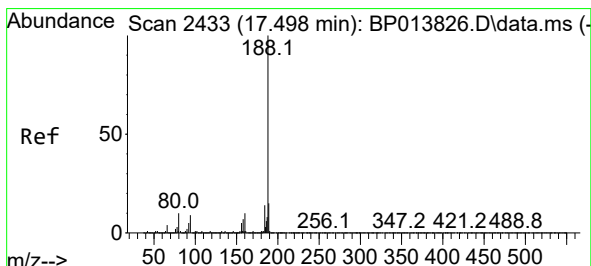
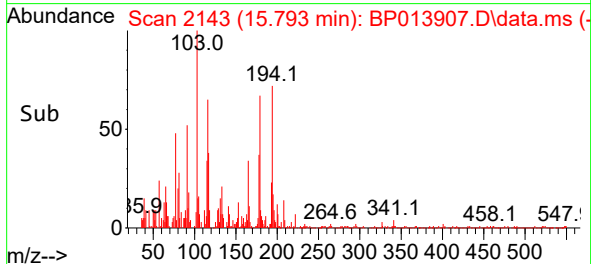
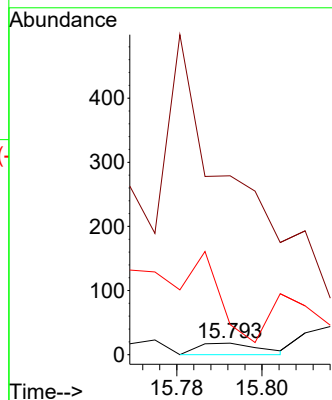
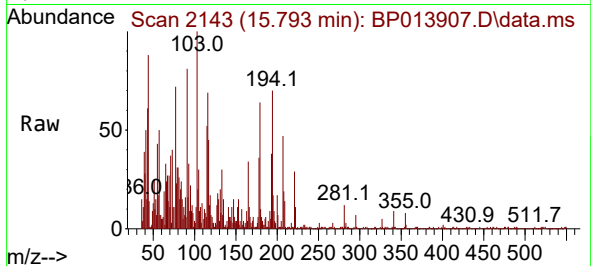




#62
4-Nitroaniline
Concen: 2.550 ng
RT: 15.793 min Scan# 2147
Delta R.T. -0.017 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

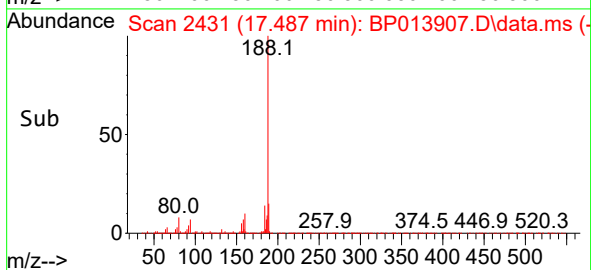
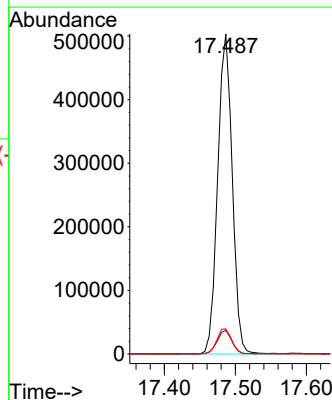
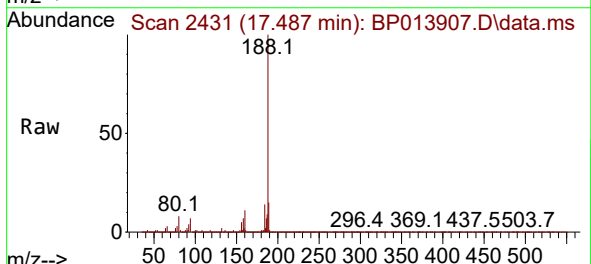
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

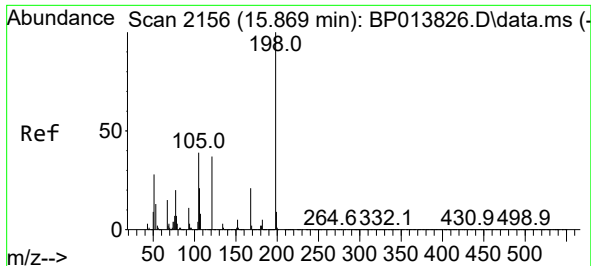
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 1550.0 32.0 72.0#
108 261.1 65.6 105.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:188 Resp: 713869
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 7.9 7.8 11.8

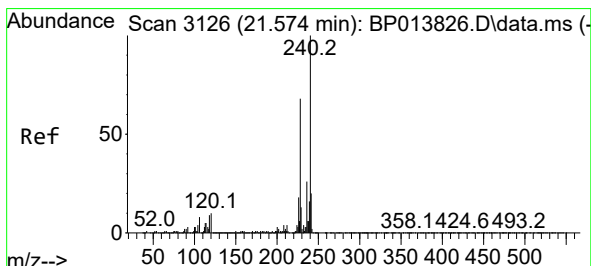
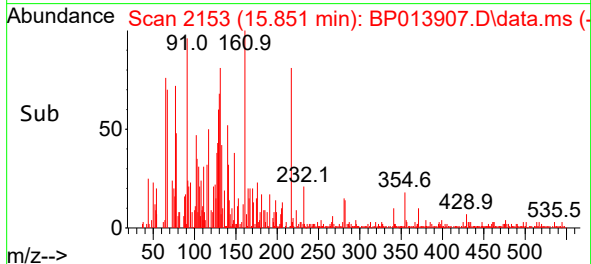
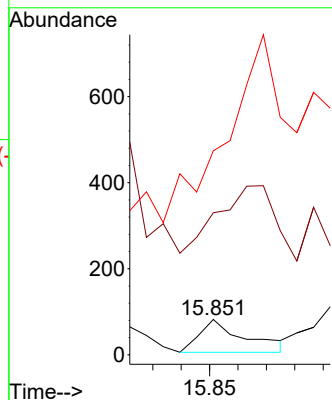
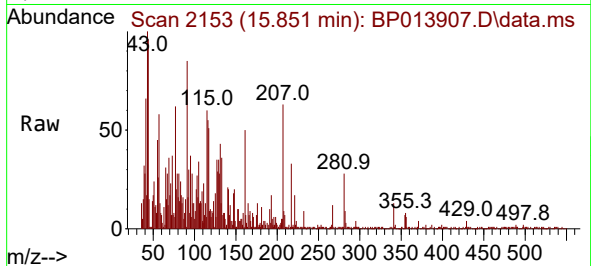




#65
4,6-Dinitro-2-methylphenol
Concen: 4.639 ng
RT: 15.851 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

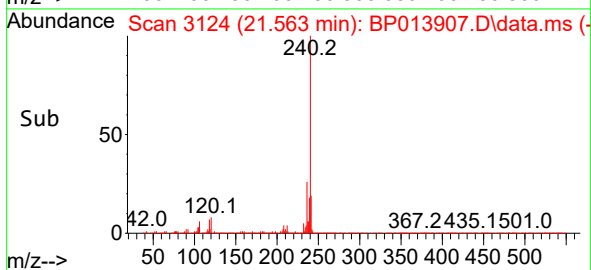
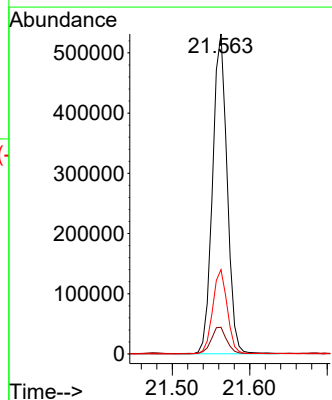
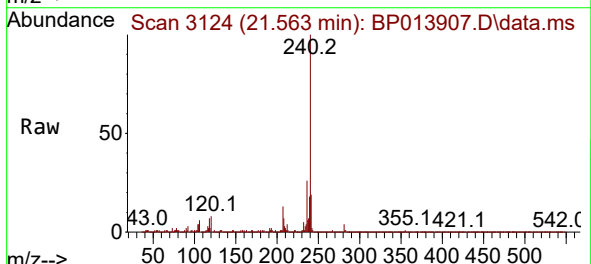
Instrument :
BNA_P
ClientSampleId :
HH-CON-8

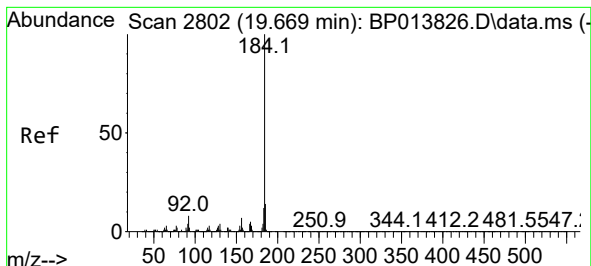
Tgt Ion:198 Resp: 84
Ion Ratio Lower Upper
198 100
51 402.4 14.3 54.3#
105 578.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013907.D
Acq: 01 Mar 2023 01:10

Tgt Ion:240 Resp: 695292
Ion Ratio Lower Upper
240 100
120 8.4 7.9 11.9
236 26.3 20.9 31.3





#77

Benzidine

Concen: 2.790 ng

RT: 19.622 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP013907.D

Acq: 01 Mar 2023 01:10

Instrument :

BNA_P

ClientSampleId :

HH-CON-8

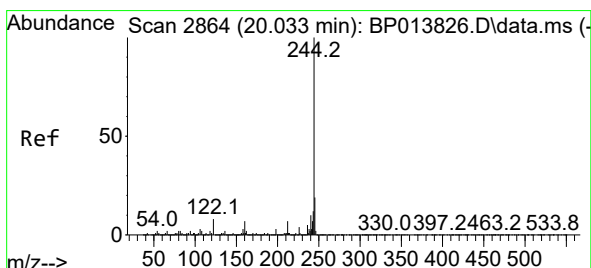
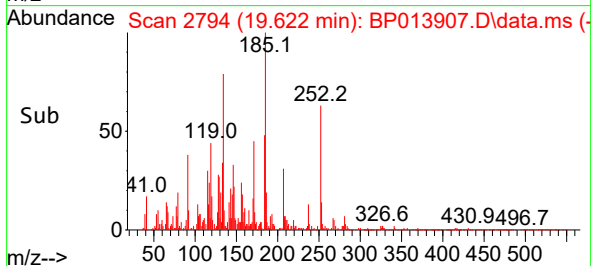
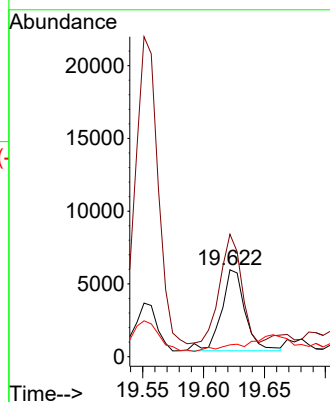
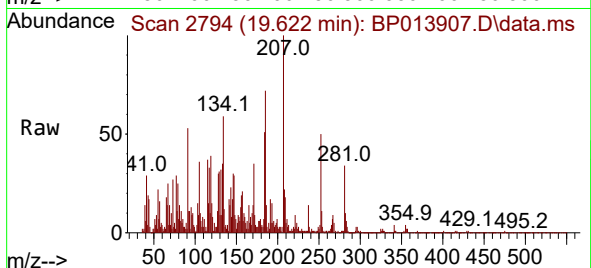
Tgt Ion:184 Resp: 7567

Ion Ratio Lower Upper

184 100

185 141.1 11.4 17.0#

183 13.6 9.6 14.4



#79

Terphenyl-d14

Concen: 76.265 ng

RT: 20.022 min Scan# 2862

Delta R.T. -0.006 min

Lab File: BP013907.D

Acq: 01 Mar 2023 01:10

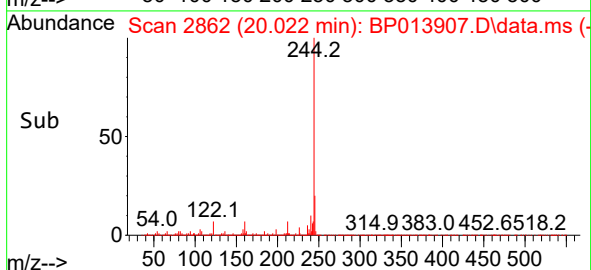
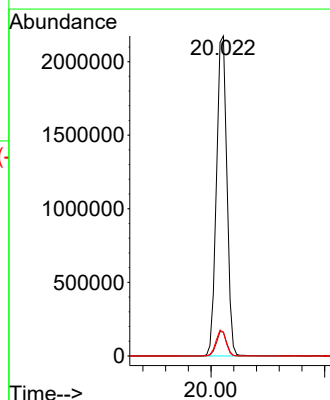
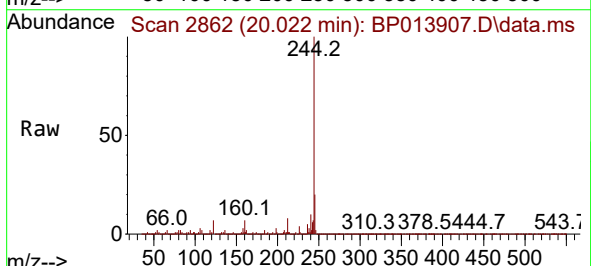
Tgt Ion:244 Resp: 2756080

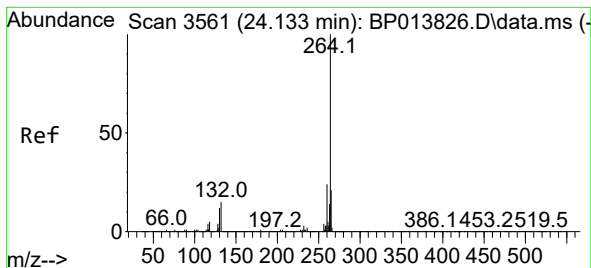
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 7.3 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013907.D

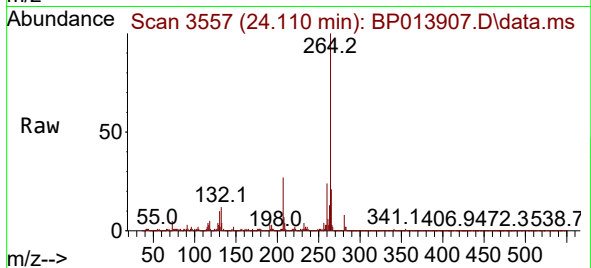
Acq: 01 Mar 2023 01:10

Instrument :

BNA_P

ClientSampleId :

HH-CON-8



Tgt Ion:264 Resp: 803583

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.3 17.6 26.4

