

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013885.D
 Acq On : 24 Feb 2023 14:12
 Operator : CG/JU
 Sample : PB151002BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151002BL

Quant Time: Feb 24 16:42:58 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 16:37:47 2023
 Response via : Initial Calibration

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

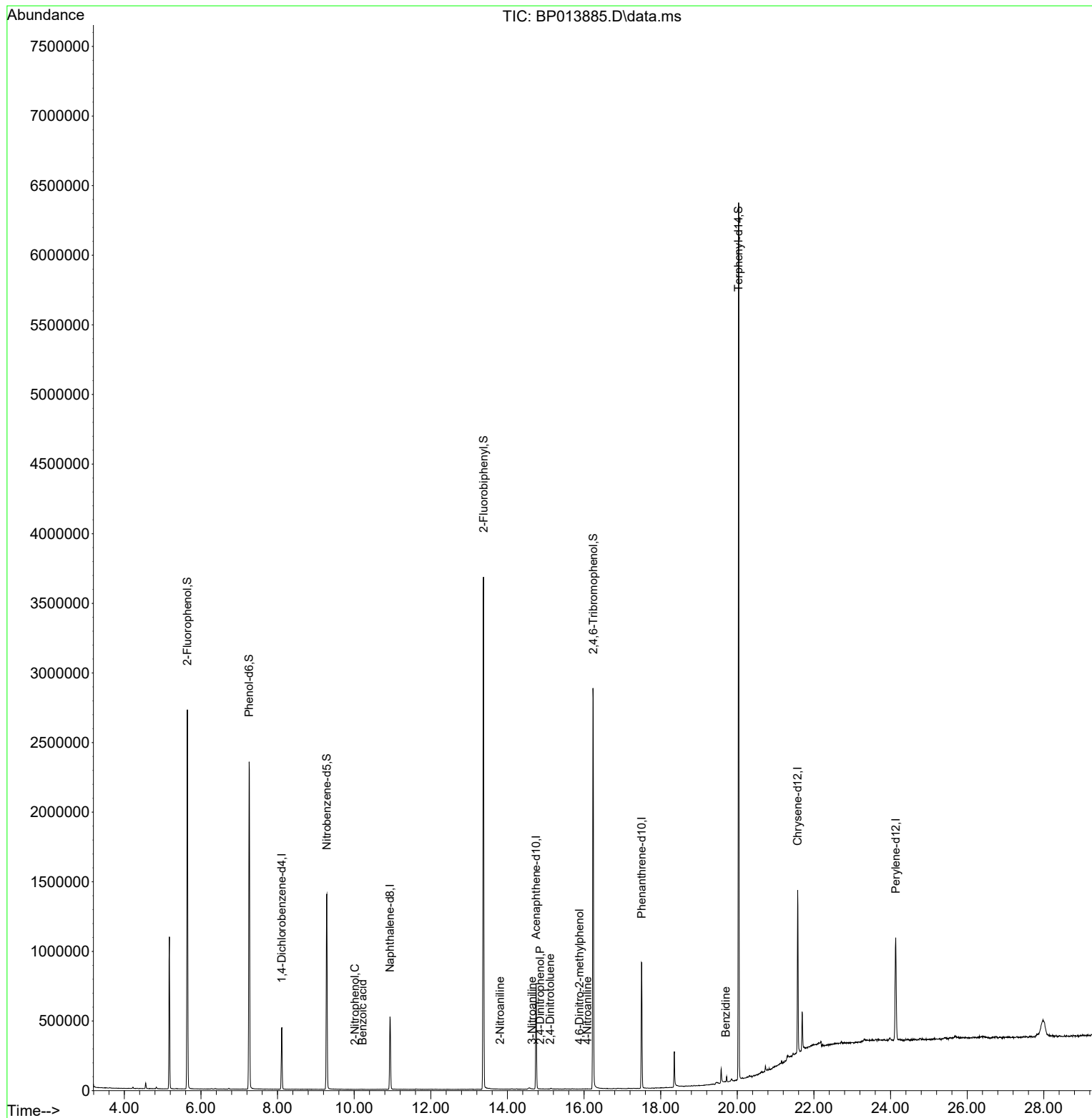
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	122024	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	432427	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	260805	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	577000	20.000	ng	0.01
76) Chrysene-d12	21.574	240	572526	20.000	ng	0.00
86) Perylene-d12	24.133	264	621710	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1113951	150.455	ng	0.00
7) Phenol-d6	7.258	99	1333051	140.582	ng	0.00
23) Nitrobenzene-d5	9.287	82	838982	104.769	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	592995	156.197	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1882862	94.825	ng	0.00
79) Terphenyl-d14	20.033	244	2999577	100.802	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	10.016	139	40	2.778	ng	# 54
32) Benzoic acid	10.216	122	59	5.086	ng	# 33
48) 2-Nitroaniline	13.810	65	24	3.235	ng	# 13
53) 3-Nitroaniline	14.640	138	11	2.010	ng	# 1
54) 2,4-Dinitrophenol	14.851	184	17	5.267	ng	# 83
57) 2,4-Dinitrotoluene	15.116	165	129	2.301	ng	# 40
62) 4-Nitroaniline	16.087	138	27	2.552	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.881	198	23	4.629	ng	# 1
77) Benzidine	19.698	184	581	2.330	ng	# 21

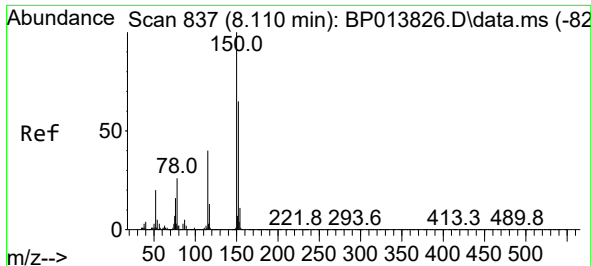
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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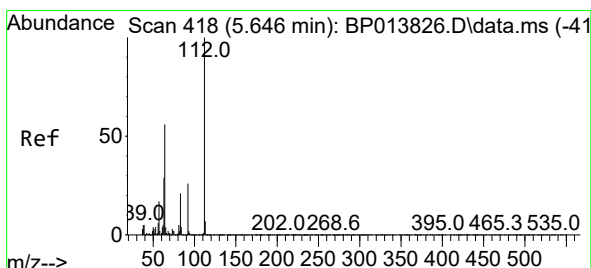
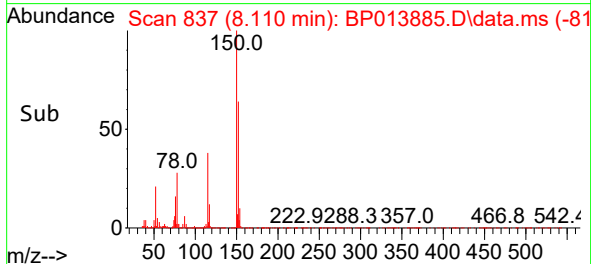
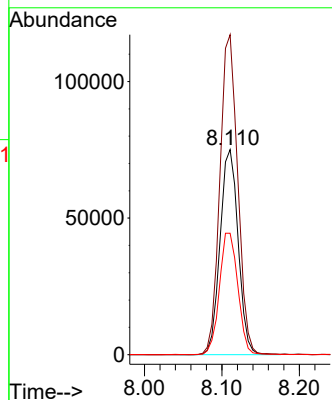
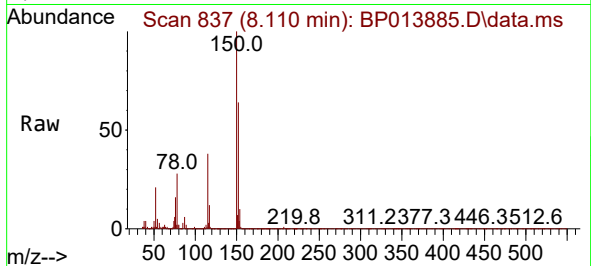




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.110 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP013885.D
 Acq: 24 Feb 2023 14:12

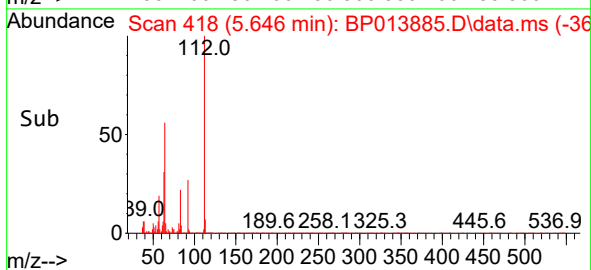
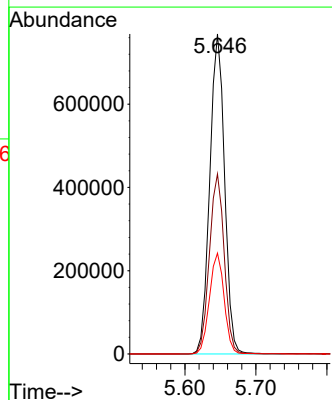
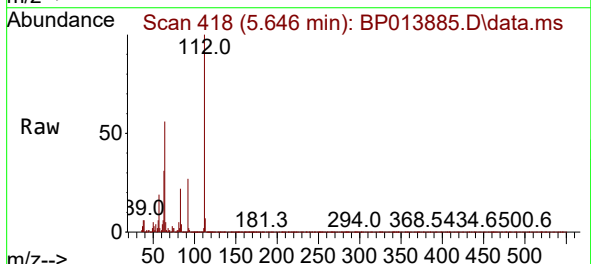
Instrument :
 BNA_P
 ClientSampleId :
 PB151002BL

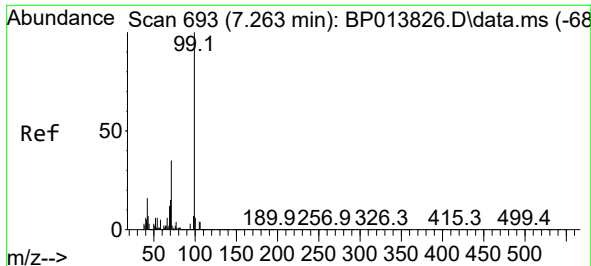
Tgt Ion:152 Resp: 122024
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.8 184.2
 115 59.3 49.0 73.6



#5
 2-Fluorophenol
 Concen: 150.455 ng
 RT: 5.646 min Scan# 418
 Delta R.T. 0.006 min
 Lab File: BP013885.D
 Acq: 24 Feb 2023 14:12

Tgt Ion:112 Resp: 1113951
 Ion Ratio Lower Upper
 112 100
 64 56.3 44.6 66.8
 63 31.5 23.6 35.4

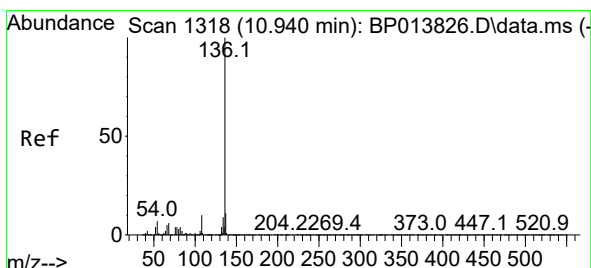
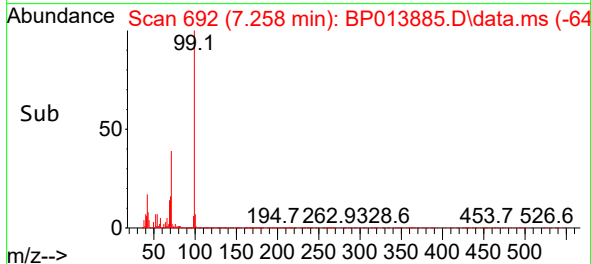
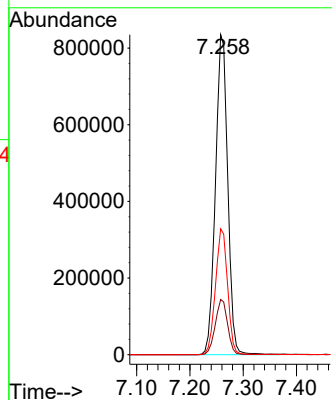
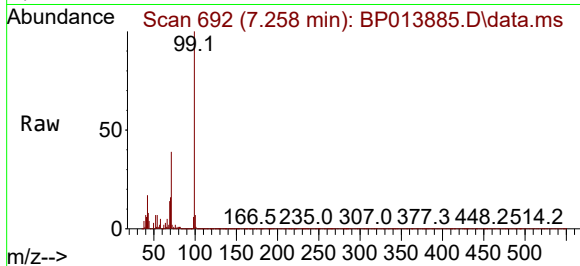




#7
Phenol-d6
Concen: 140.582 ng
RT: 7.258 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

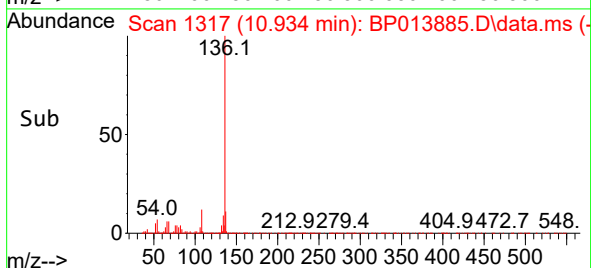
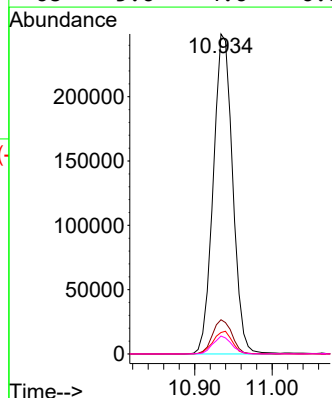
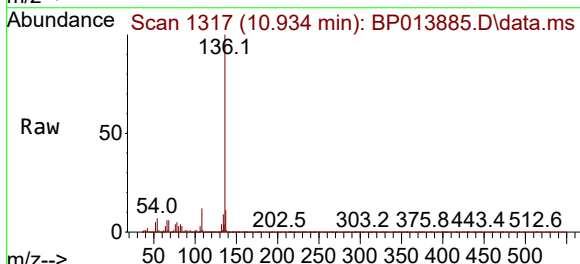
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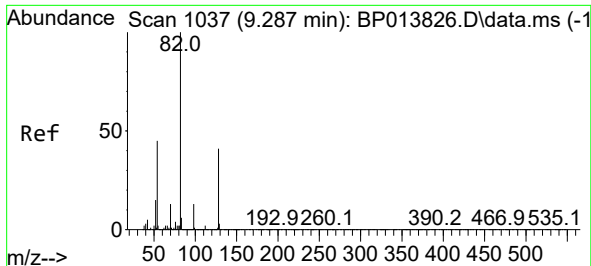
Tgt Ion: 99 Resp: 1333051
Ion Ratio Lower Upper
99 100
42 17.2 12.5 18.7
71 39.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion: 136 Resp: 432427
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.7 5.8 8.6
68 5.6 4.6 6.8

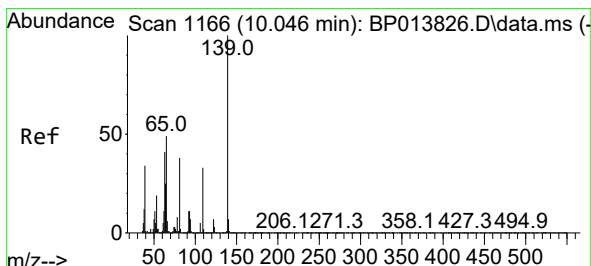
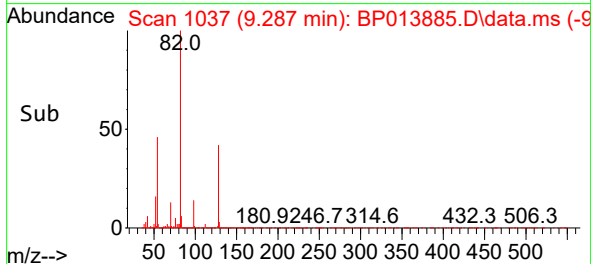
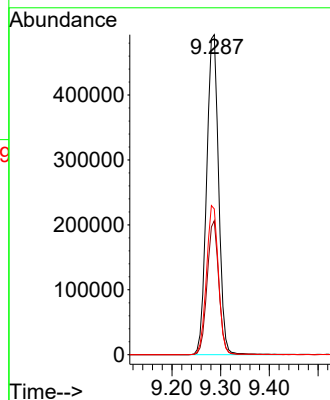
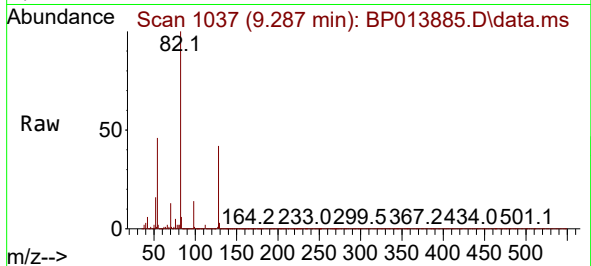




#23
Nitrobenzene-d5
Concen: 104.769 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

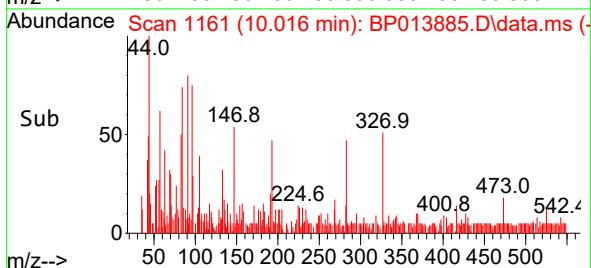
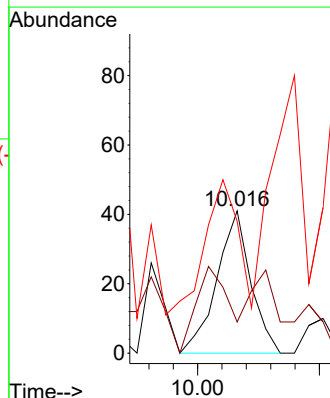
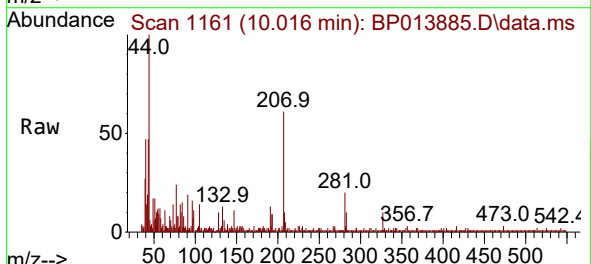
Instrument :
BNA_P
ClientSampleId :
PB151002BL

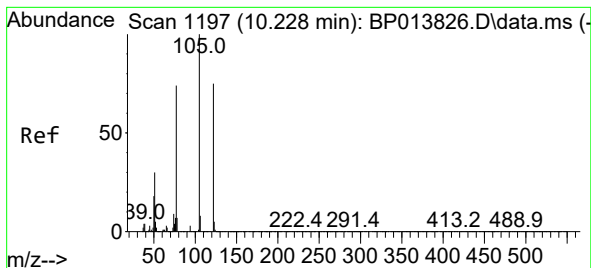
Tgt Ion: 82 Resp: 838982
Ion Ratio Lower Upper
82 100
128 41.9 32.9 49.3
54 45.5 35.6 53.4



#26
2-Nitrophenol
Concen: 2.778 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion:139 Resp: 40
Ion Ratio Lower Upper
139 100
109 22.0 26.7 40.1#
65 92.7 39.4 59.2#





#32

Benzoic acid

Concen: 5.086 ng

RT: 10.216 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BP013885.D

Acq: 24 Feb 2023 14:12

Instrument :

BNA_P

ClientSampleId :

PB151002BL

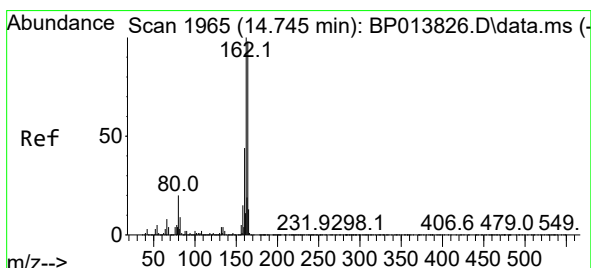
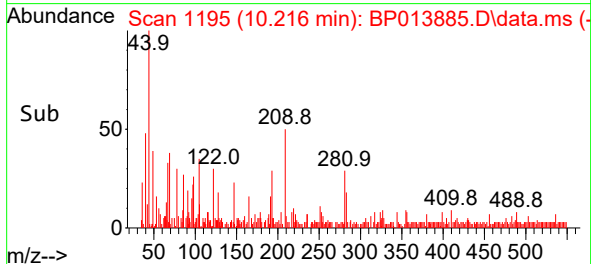
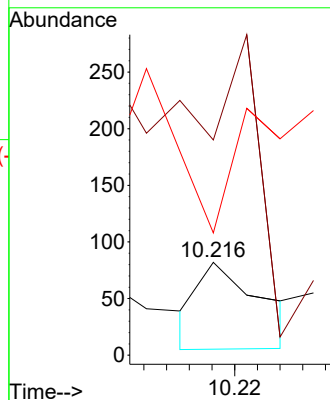
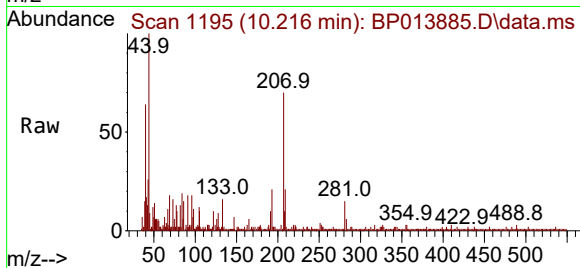
Tgt Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 231.7 107.4 147.4#

77 131.7 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BP013885.D

Acq: 24 Feb 2023 14:12

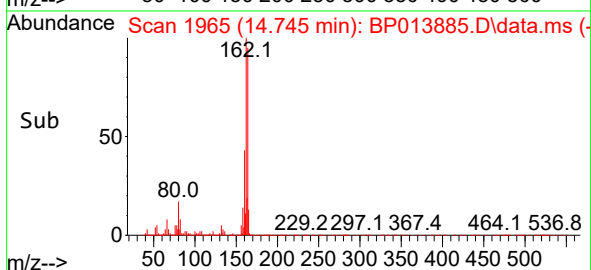
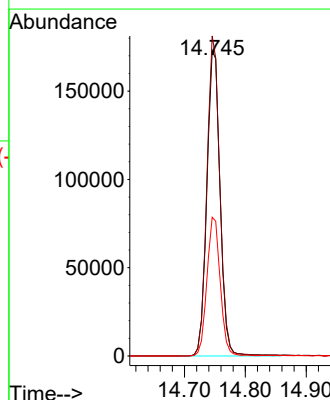
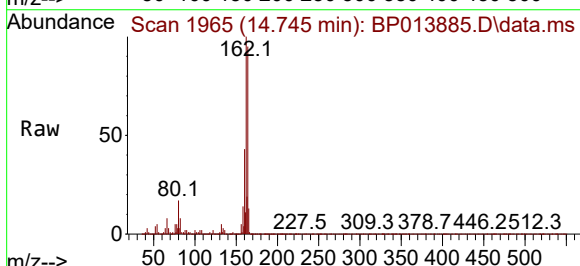
Tgt Ion:164 Resp: 260805

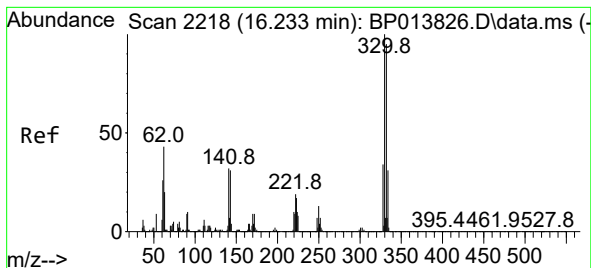
Ion Ratio Lower Upper

164 100

162 104.8 81.7 122.5

160 45.4 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 156.197 ng

RT: 16.239 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BP013885.D

Acq: 24 Feb 2023 14:12

Instrument :

BNA_P

ClientSampleId :

PB151002BL

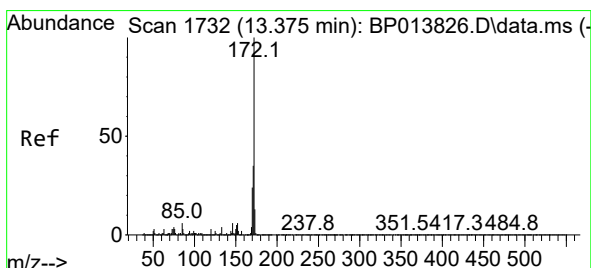
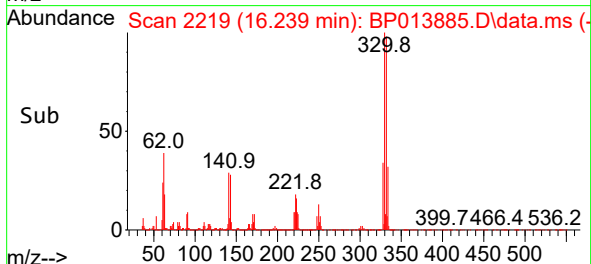
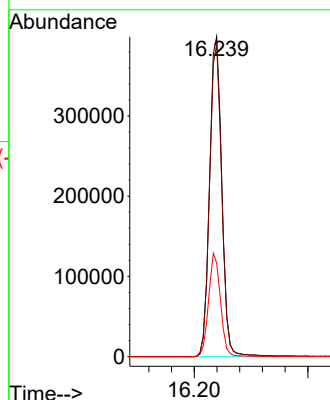
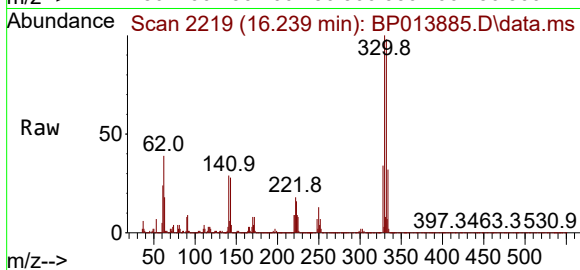
Tgt Ion:330 Resp: 592995

Ion Ratio Lower Upper

330 100

332 97.9 76.7 115.1

141 31.5 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 94.825 ng

RT: 13.375 min Scan# 1732

Delta R.T. 0.006 min

Lab File: BP013885.D

Acq: 24 Feb 2023 14:12

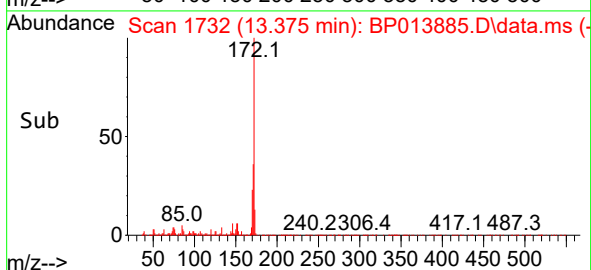
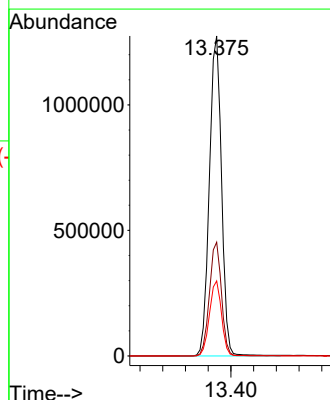
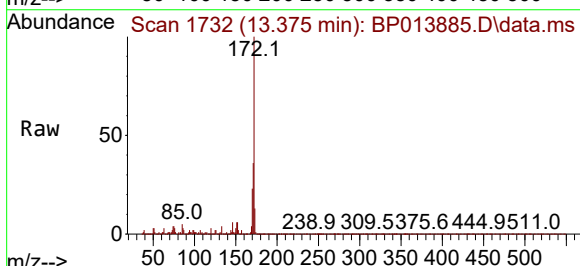
Tgt Ion:172 Resp: 1882862

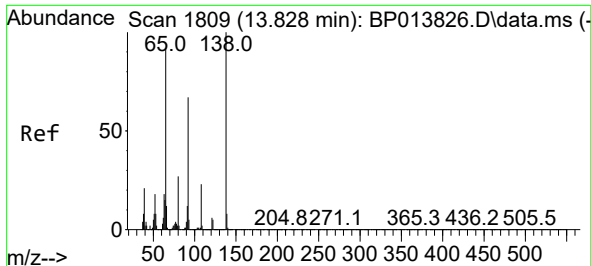
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 19.0 28.4

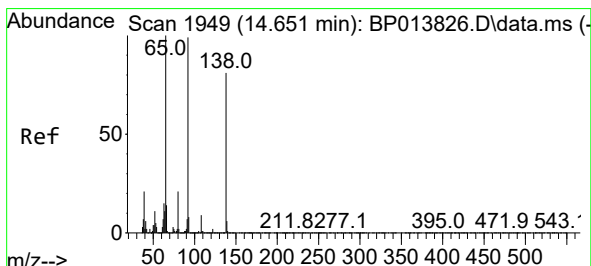
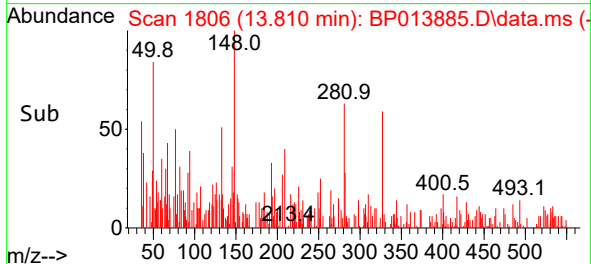
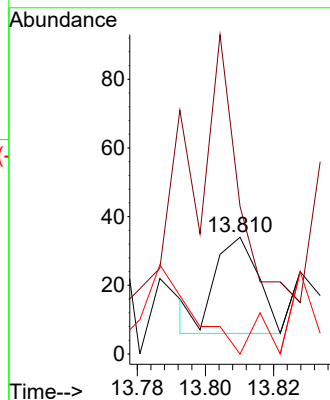
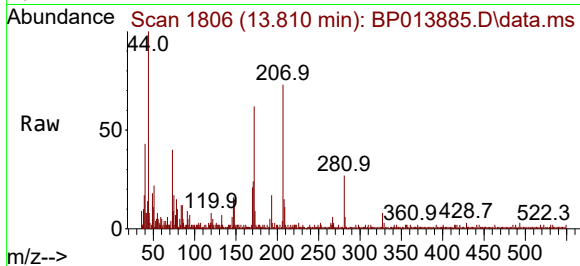




#48
2-Nitroaniline
Concen: 3.235 ng
RT: 13.810 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

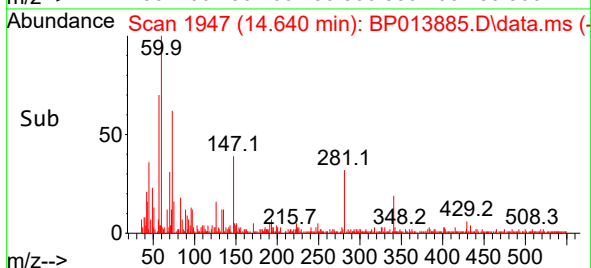
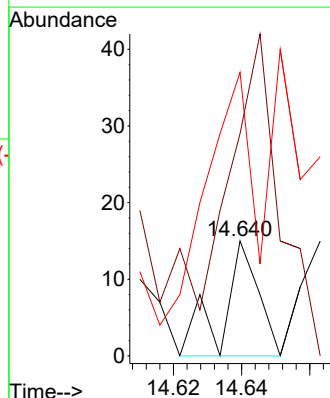
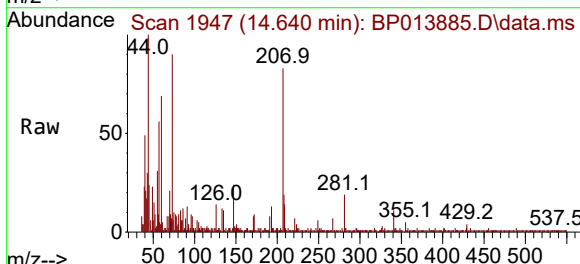
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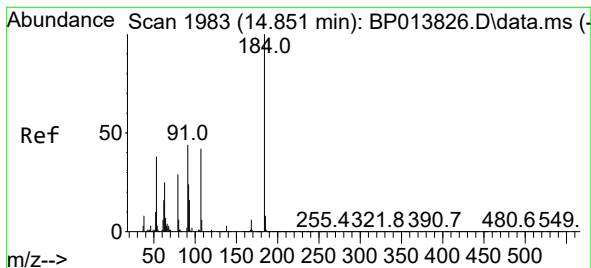
Tgt Ion: 65 Resp: 24
Ion Ratio Lower Upper
65 100
92 126.5 58.7 88.1#
138 0.0 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.640 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion: 138 Resp: 11
Ion Ratio Lower Upper
138 100
108 193.3 9.0 13.4#
92 246.7 97.1 145.7#

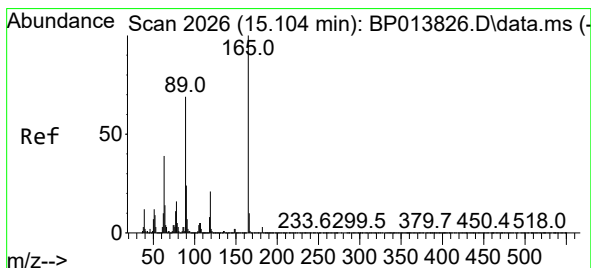
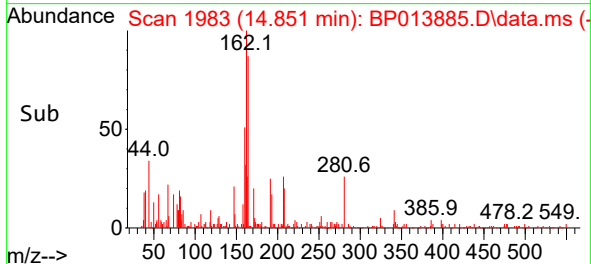
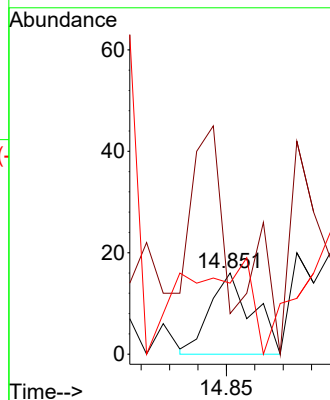
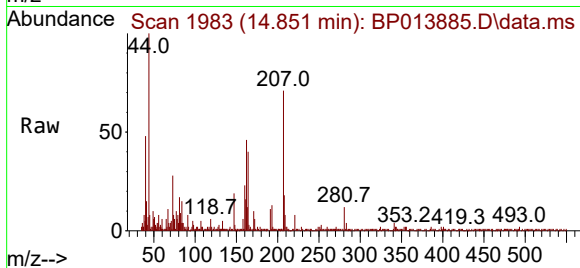




#54
2,4-Dinitrophenol
Concen: 5.267 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

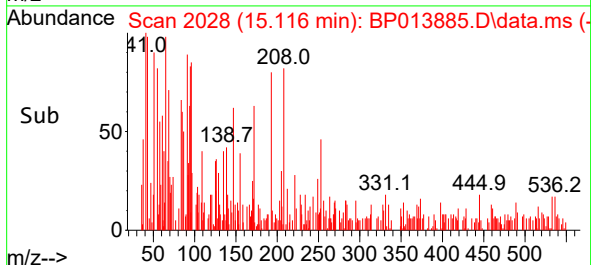
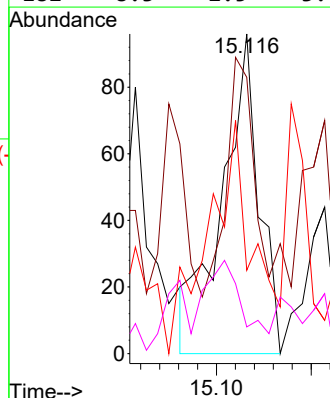
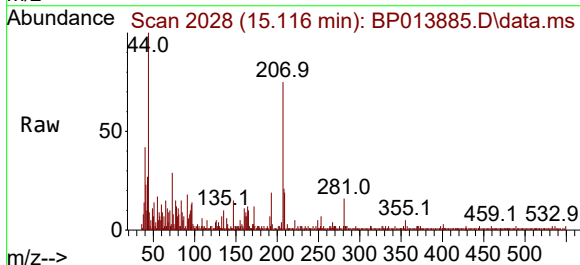
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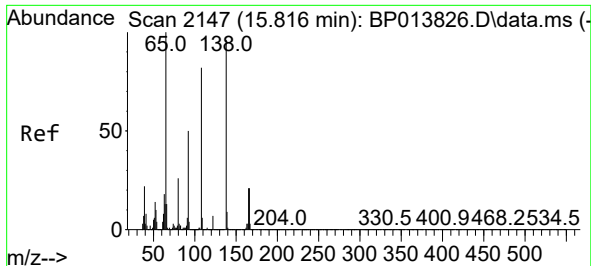
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 79.2 47.0 70.4#
154 58.3 51.5 77.3



#57
2,4-Dinitrotoluene
Concen: 2.301 ng
RT: 15.116 min Scan# 2028
Delta R.T. 0.018 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion:165 Resp: 129
Ion Ratio Lower Upper
165 100
63 86.5 31.1 46.7#
89 26.0 54.9 82.3#
182 8.3 2.5 3.7#

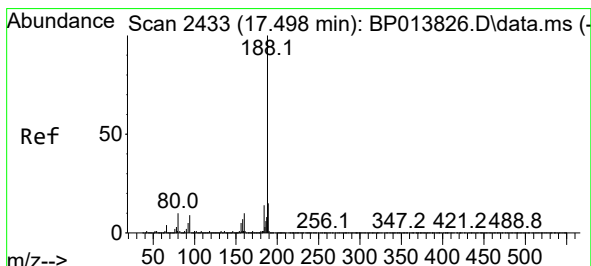
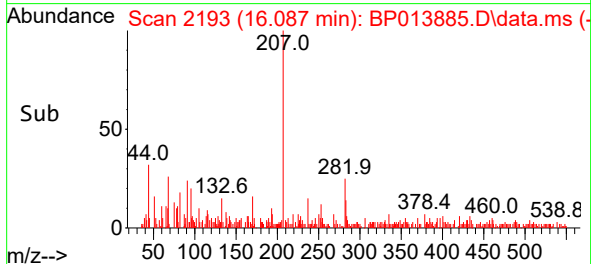
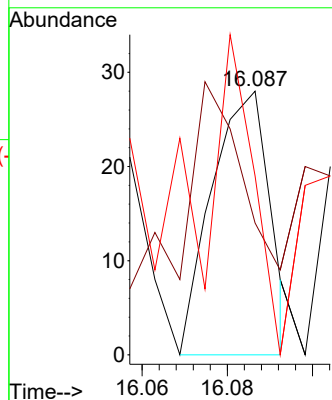
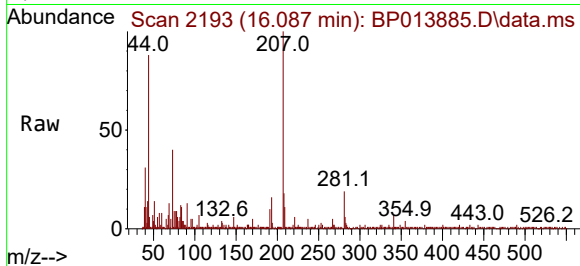




#62
4-Nitroaniline
Concen: 2.552 ng
RT: 16.087 min Scan# 2147
Delta R.T. 0.277 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

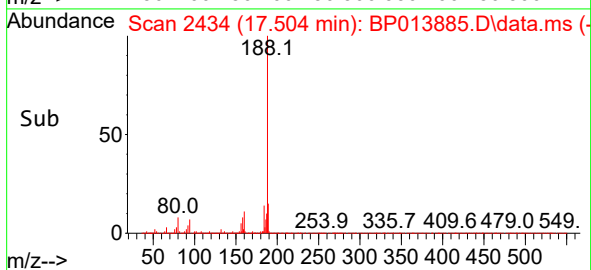
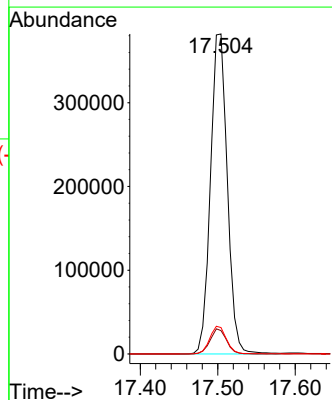
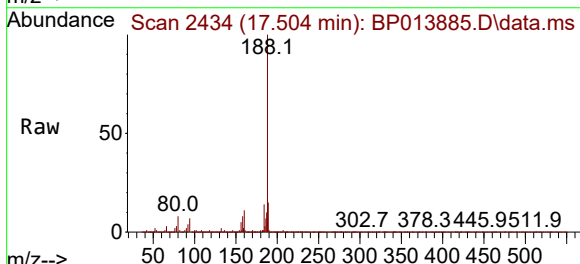
Instrument :
BNA_P
ClientSampleId :
PB151002BL

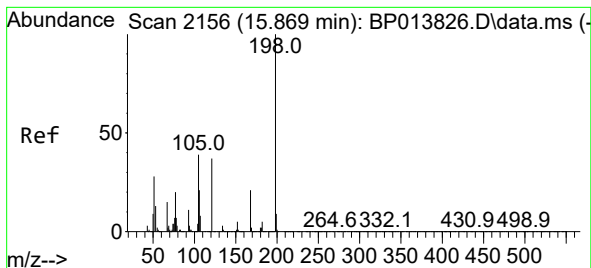
Tgt Ion:138 Resp: 27
Ion Ratio Lower Upper
138 100
92 50.0 32.0 72.0
108 67.9 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.012 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion:188 Resp: 577000
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.3 7.8 11.8

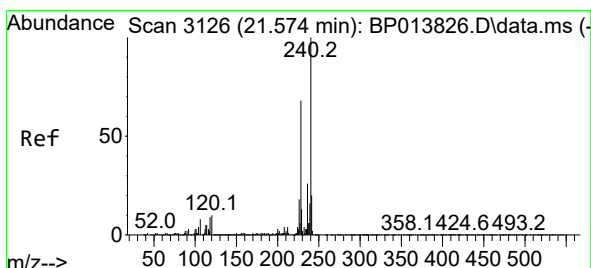
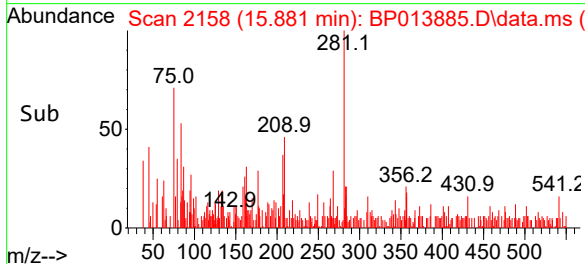
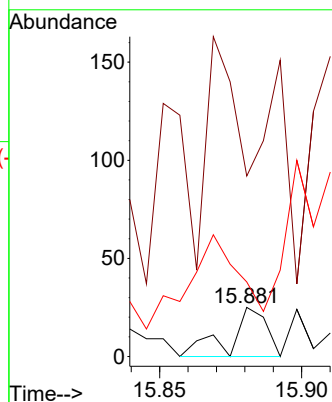
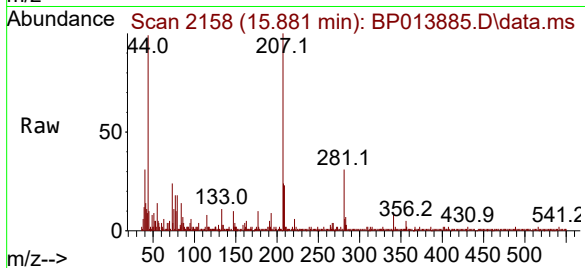




#65
4,6-Dinitro-2-methylphenol
Concen: 4.629 ng
RT: 15.881 min Scan# 2156
Delta R.T. 0.018 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

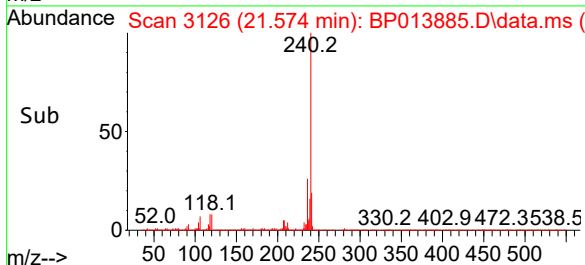
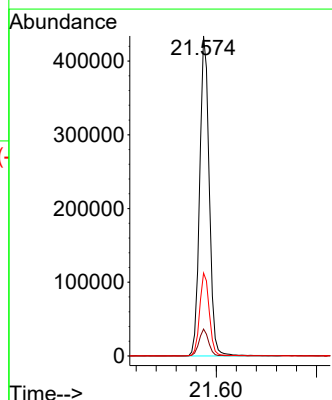
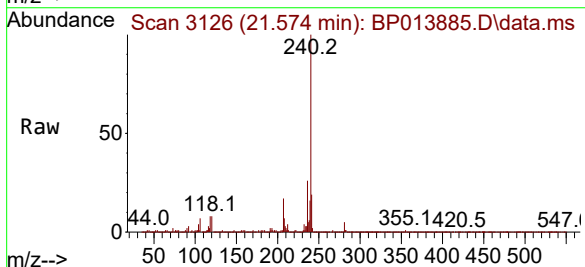
Instrument :
BNA_P
ClientSampleId :
PB151002BL

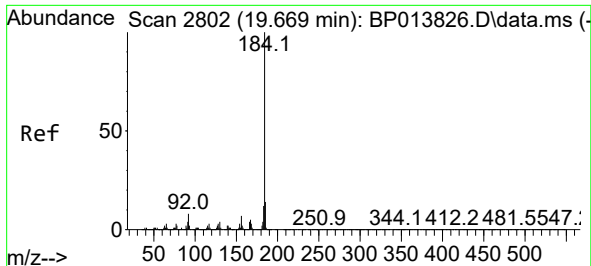
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 368.0 14.3 54.3#
105 152.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion:240 Resp: 572526
Ion Ratio Lower Upper
240 100
120 8.4 7.9 11.9
236 25.9 20.9 31.3

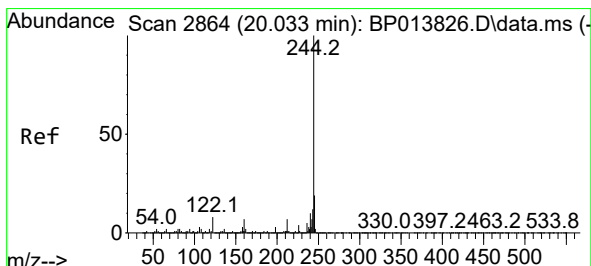
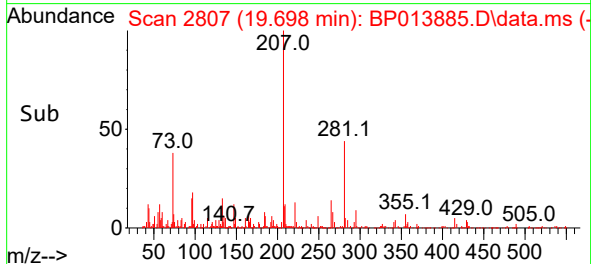
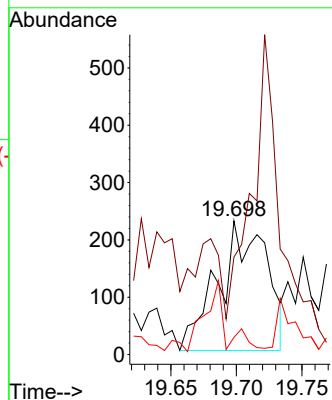
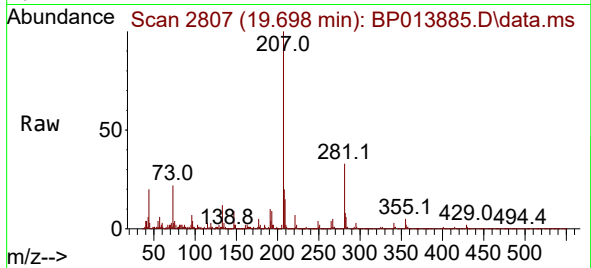




#77
Benzidine
Concen: 2.330 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.035 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

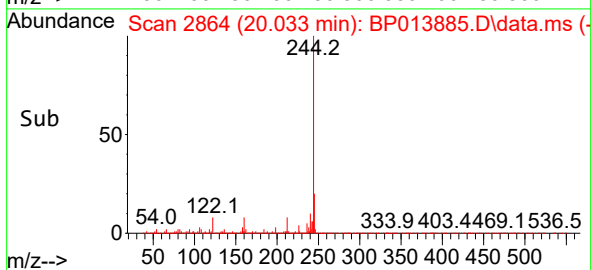
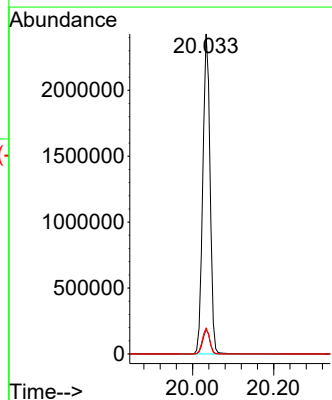
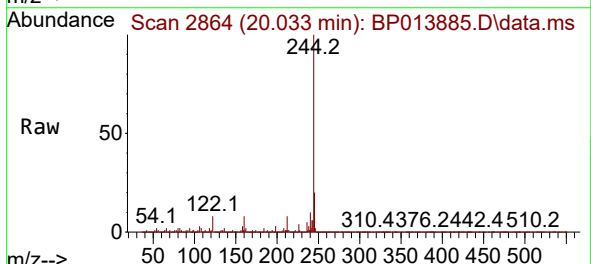
Instrument :
BNA_P
ClientSampleId :
PB151002BL

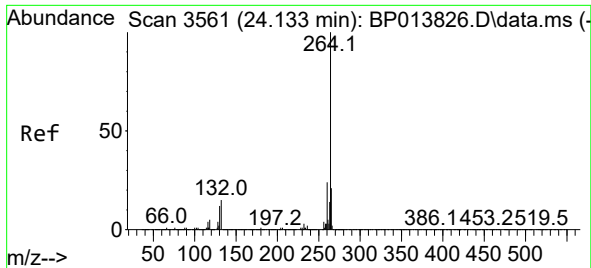
Tgt Ion:184 Resp: 581
Ion Ratio Lower Upper
184 100
185 73.0 11.4 17.0#
183 12.9 9.6 14.4



#79
Terphenyl-d14
Concen: 100.802 ng
RT: 20.033 min Scan# 2864
Delta R.T. 0.006 min
Lab File: BP013885.D
Acq: 24 Feb 2023 14:12

Tgt Ion:244 Resp: 2999577
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.0 6.7 10.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP013885.D
 Acq: 24 Feb 2023 14:12

Instrument :
 BNA_P
 ClientSampleId :
 PB151002BL

Tgt Ion:264 Resp: 621710
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 22.0 17.6 26.4

