

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013941.D
 Acq On : 03 Mar 2023 13:01
 Operator : CG/JU
 Sample : PB151111TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

Quant Time: Mar 04 00:55:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

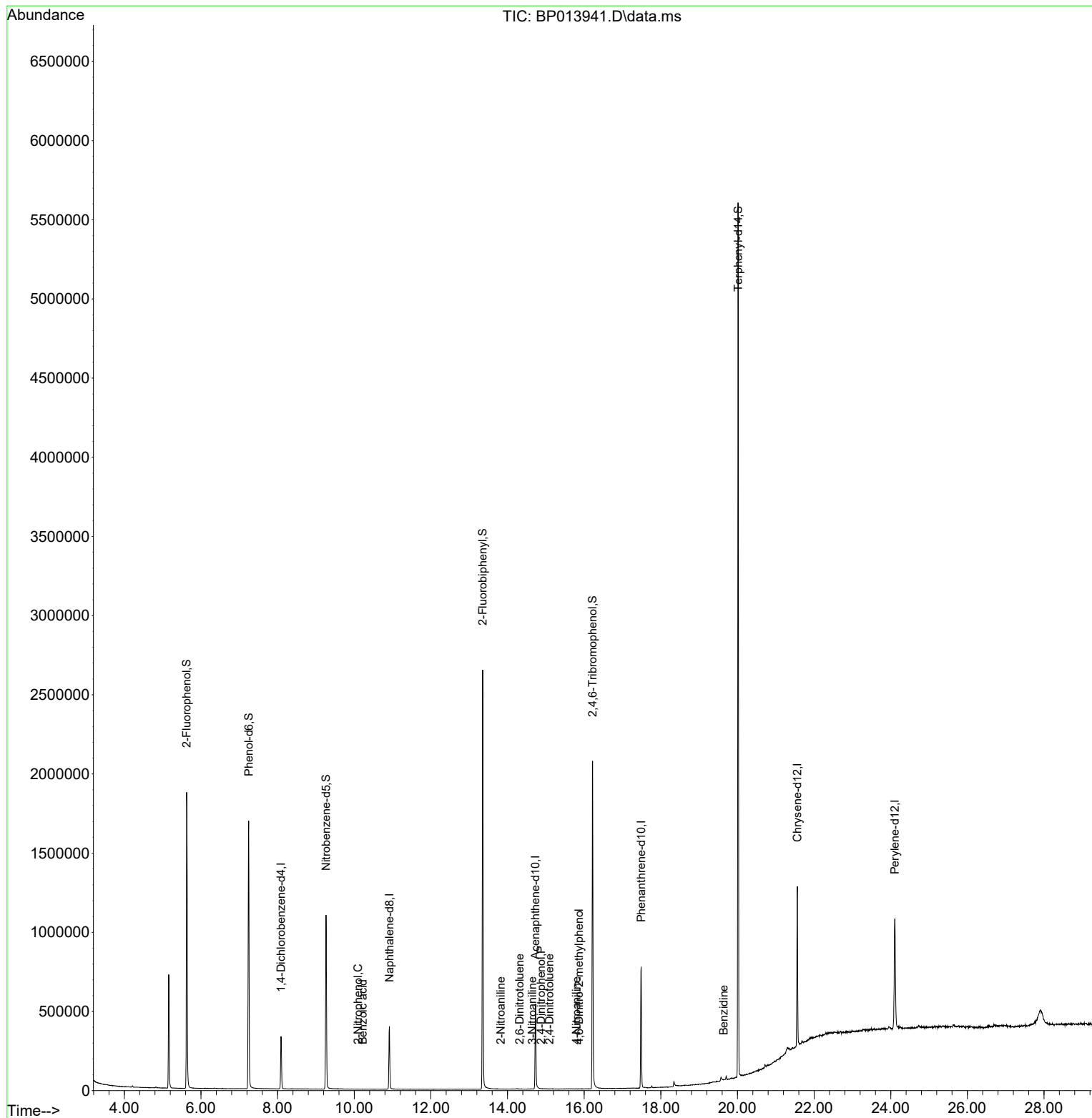
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	91793	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	320208	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	200445	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	479284	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	517940	20.000	ng	# 0.00
86) Perylene-d12	24.104	264	617150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	792209	142.238	ng	0.00
7) Phenol-d6	7.246	99	945464	132.545	ng	0.00
23) Nitrobenzene-d5	9.263	82	634243	106.959	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	441769	151.404	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1359187	89.064	ng	0.00
79) Terphenyl-d14	20.016	244	2565519	95.301	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.099	139	23	2.776	ng	92
32) Benzoic acid	10.222	122	7	5.077	ng	# 1
48) 2-Nitroaniline	13.822	65	14	3.234	ng	# 8
51) 2,6-Dinitrotoluene	14.316	165	62	2.004	ng	# 71
53) 3-Nitroaniline	14.645	138	4	2.009	ng	# 1
54) 2,4-Dinitrophenol	14.875	184	16	5.268	ng	92
57) 2,4-Dinitrotoluene	15.092	165	38	2.288	ng	# 63
62) 4-Nitroaniline	15.798	138	17	2.551	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	3	4.625	ng	# 1
77) Benzidine	19.639	184	79	2.290	ng	# 1

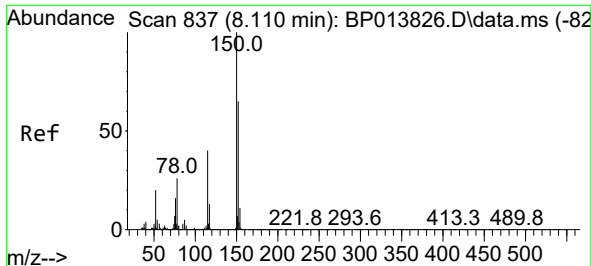
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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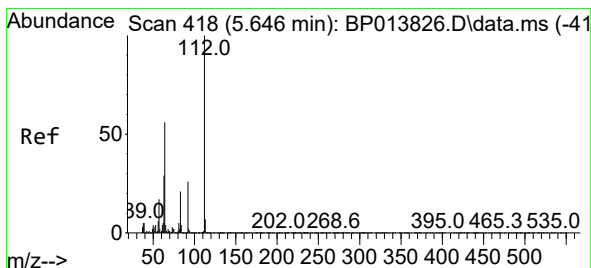
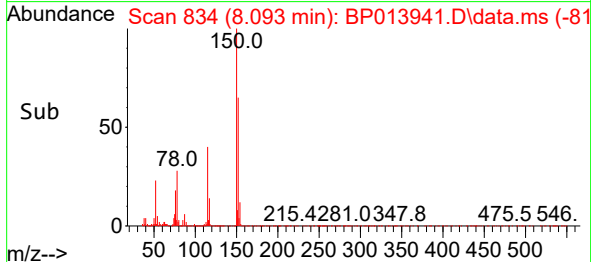
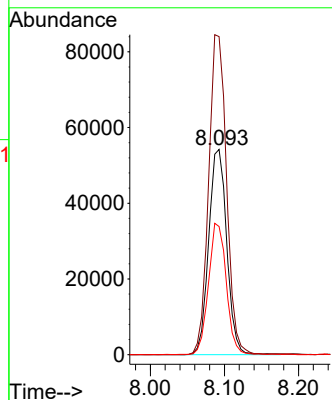
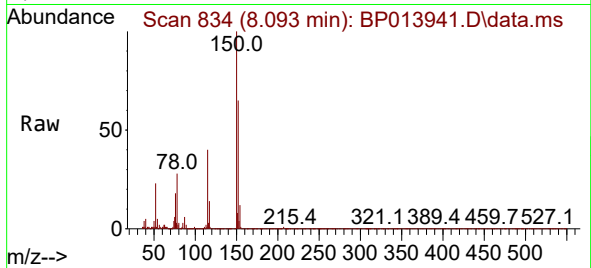




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

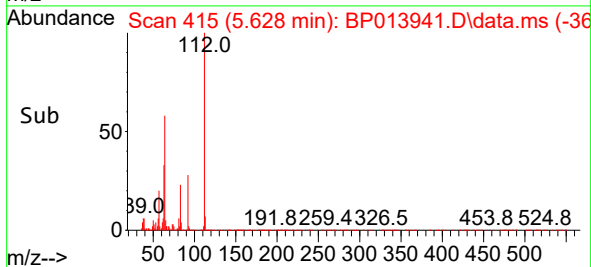
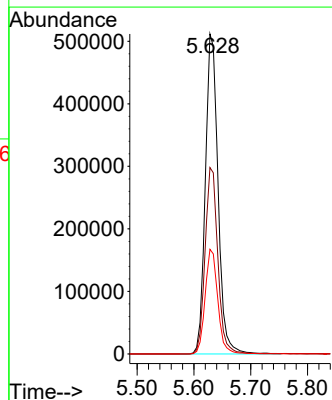
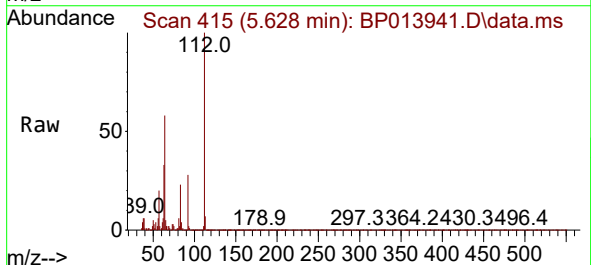
Instrument :
BNA_P
ClientSampleId :
PB151111TB

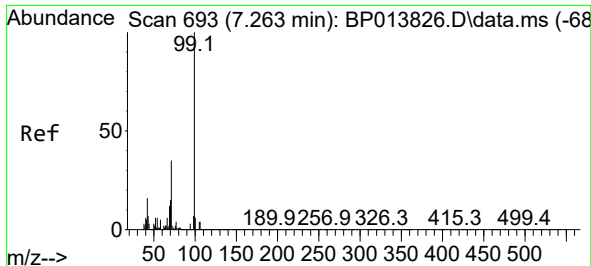
Tgt Ion:152 Resp: 91793
Ion Ratio Lower Upper
152 100
150 155.0 122.8 184.2
115 62.5 49.0 73.6



#5
2-Fluorophenol
Concen: 142.238 ng
RT: 5.628 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion:112 Resp: 792209
Ion Ratio Lower Upper
112 100
64 58.2 44.6 66.8
63 32.7 23.6 35.4

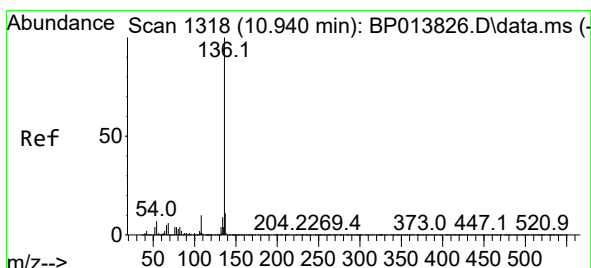
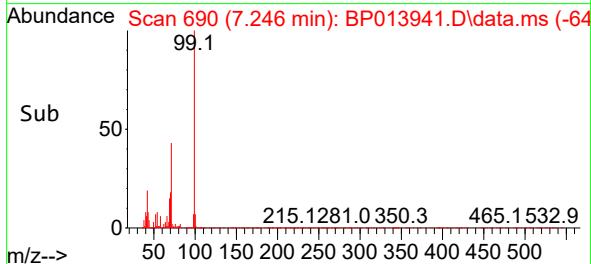
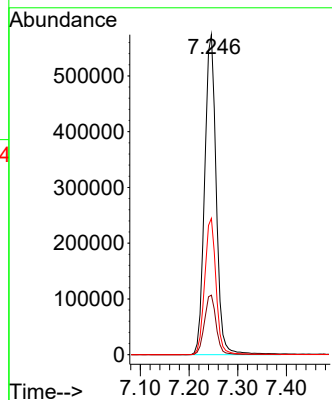
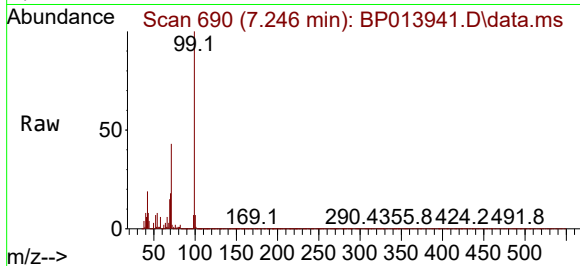




#7
Phenol-d6
Concen: 132.545 ng
RT: 7.246 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

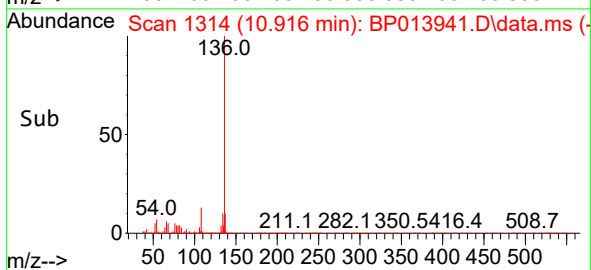
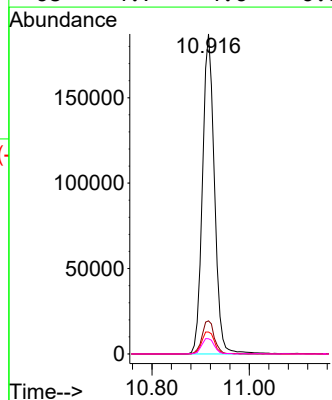
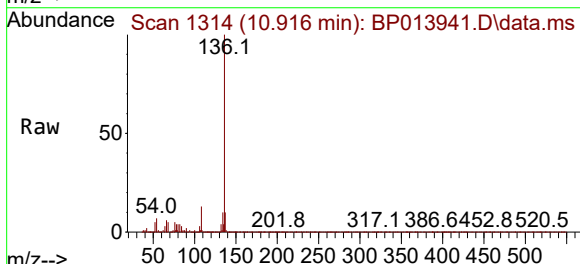
Instrument :
BNA_P
ClientSampleId :
PB151111TB

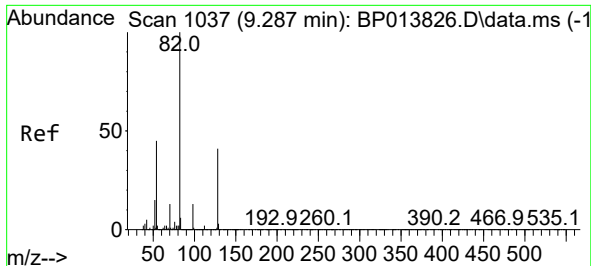
Tgt Ion: 99 Resp: 945464
Ion Ratio Lower Upper
99 100
42 18.6 12.5 18.7
71 42.6 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion: 136 Resp: 320208
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.9 5.8 8.6
68 4.7 4.6 6.8

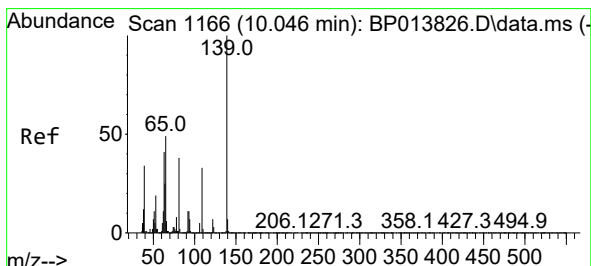
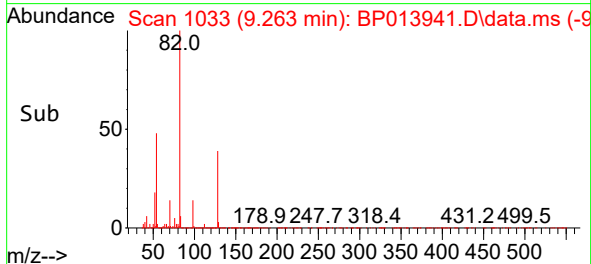
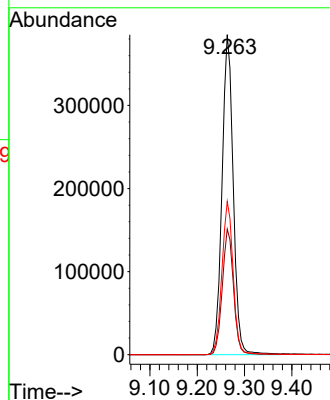
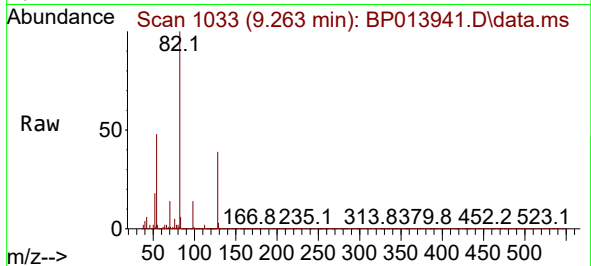




#23
Nitrobenzene-d5
Concen: 106.959 ng
RT: 9.263 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

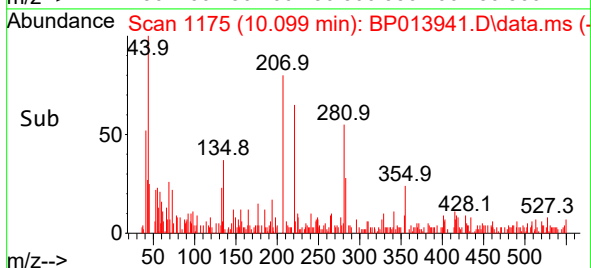
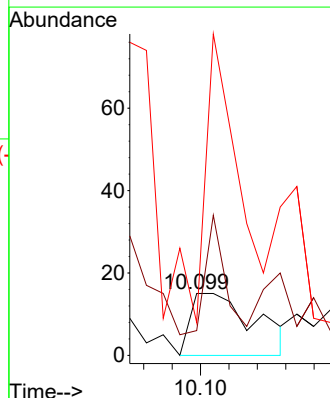
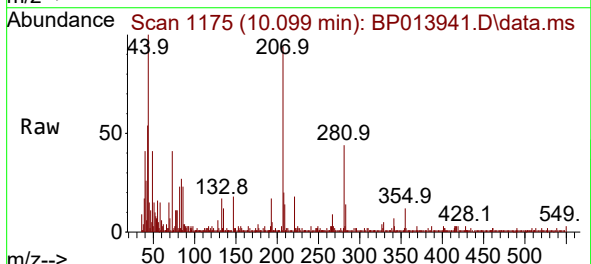
Instrument :
BNA_P
ClientSampleId :
PB151111TB

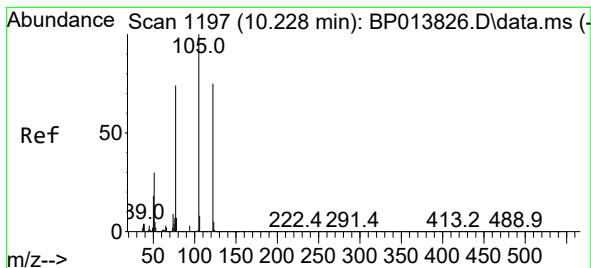
Tgt Ion: 82 Resp: 634243
Ion Ratio Lower Upper
82 100
128 39.2 32.9 49.3
54 47.8 35.6 53.4



#26
2-Nitrophenol
Concen: 2.776 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.071 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 40.0 26.7 40.1
65 53.3 39.4 59.2





#32

Benzoic acid

Concen: 5.077 ng

RT: 10.222 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

Instrument :

BNA_P

ClientSampleId :

PB151111TB

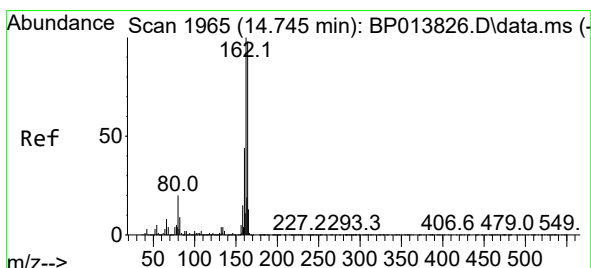
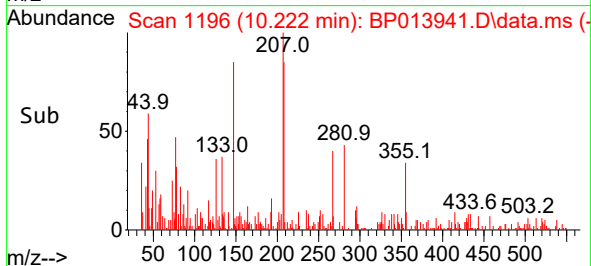
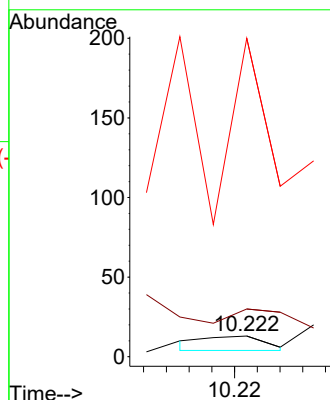
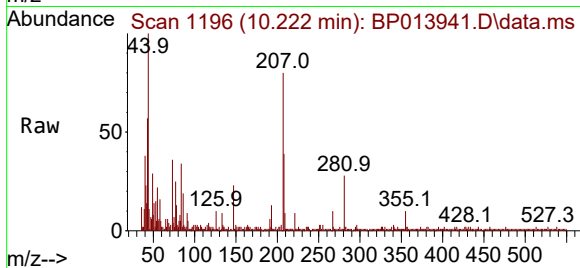
Tgt Ion:122 Resp: 7

Ion Ratio Lower Upper

122 100

105 230.8 107.4 147.4#

77 1538.5 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

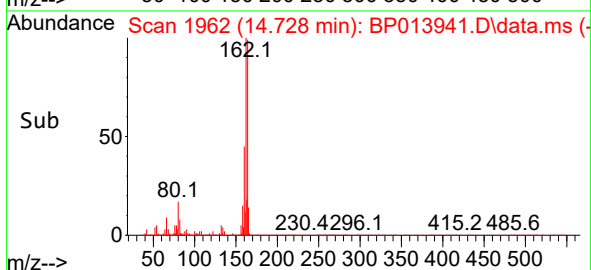
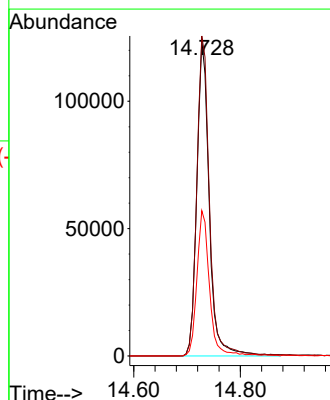
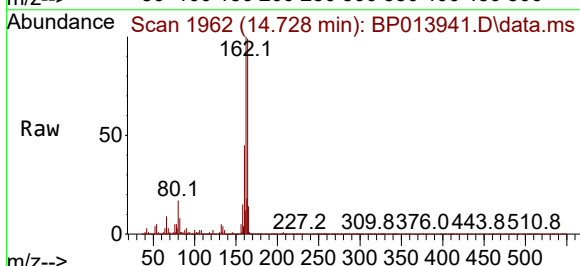
Tgt Ion:164 Resp: 200445

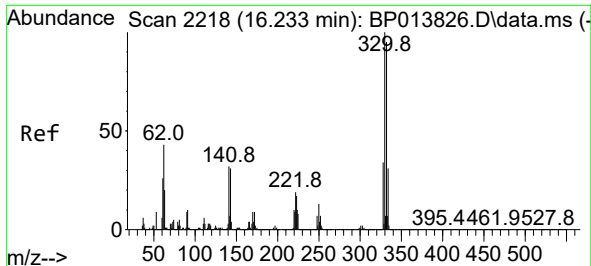
Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

160 46.0 36.1 54.1

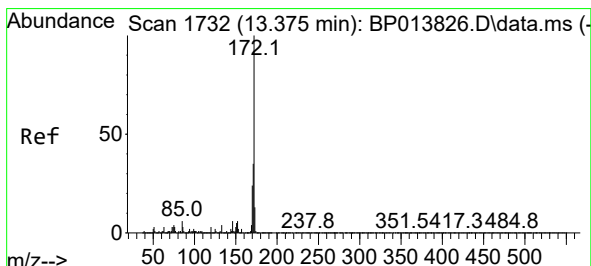
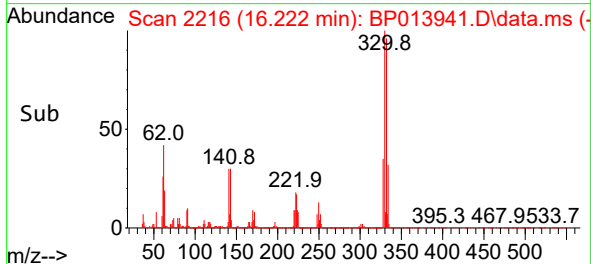
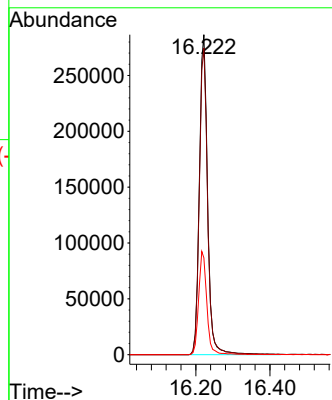
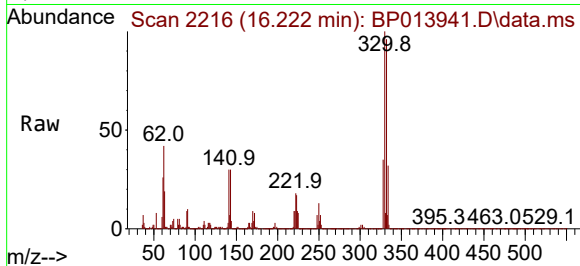




#42
2,4,6-Tribromophenol
Concen: 151.404 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

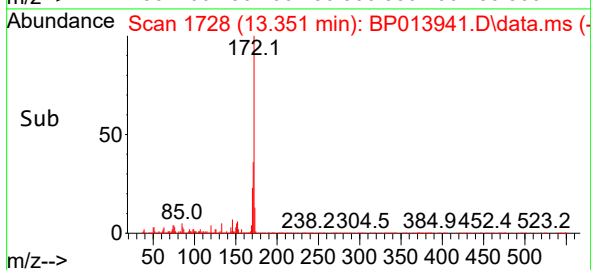
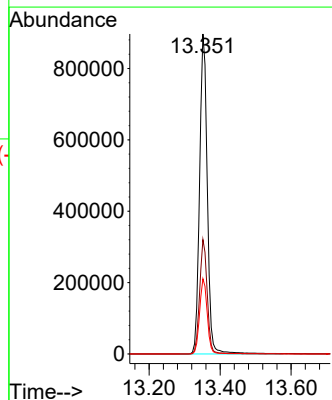
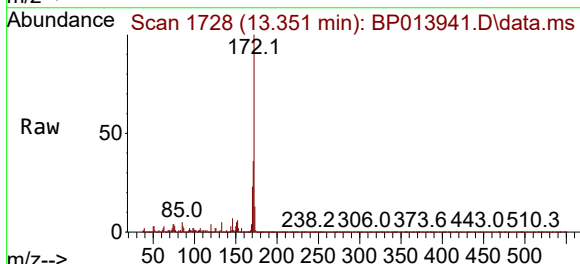
Instrument :
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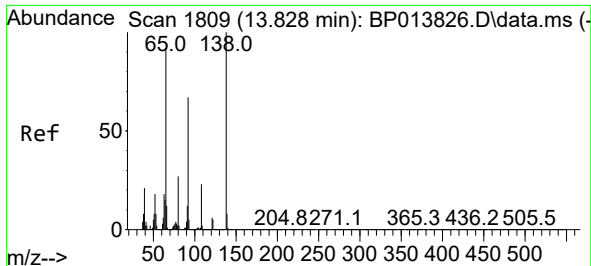
Tgt Ion:330 Resp: 441769
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 32.0 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 89.064 ng
RT: 13.351 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion:172 Resp: 1359187
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 19.0 28.4

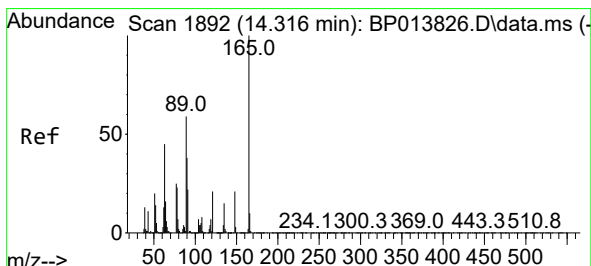
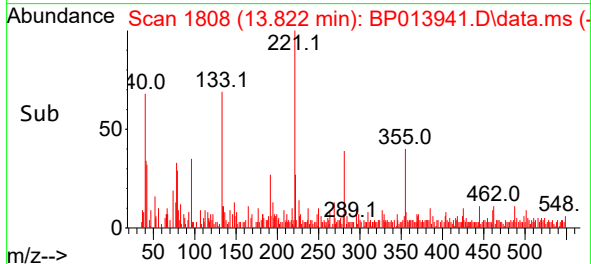
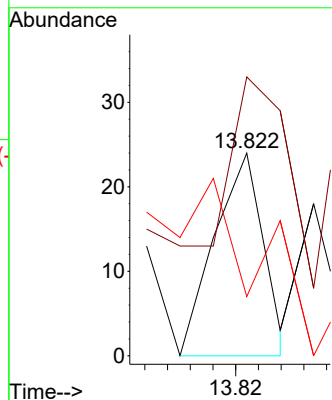
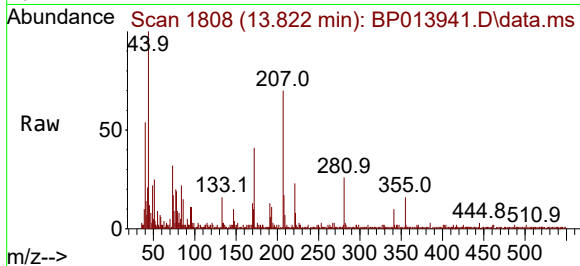




#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.822 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

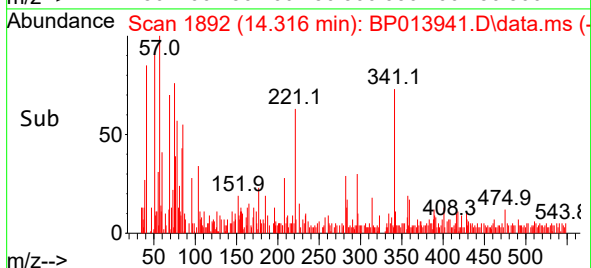
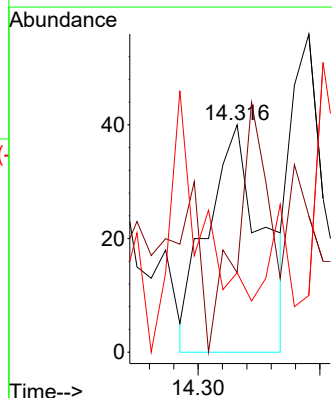
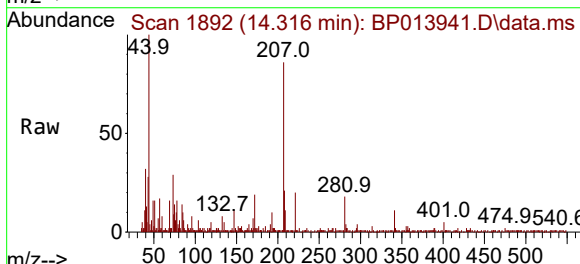
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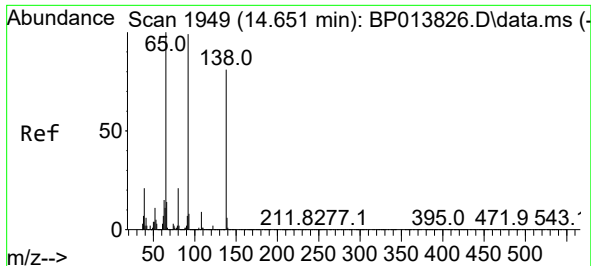
Tgt Ion: 65 Resp: 14
Ion Ratio Lower Upper
65 100
92 200.0 58.7 88.1#
138 54.2 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.004 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion: 165 Resp: 62
Ion Ratio Lower Upper
165 100
63 35.0 42.6 63.8#
89 35.0 47.1 70.7#

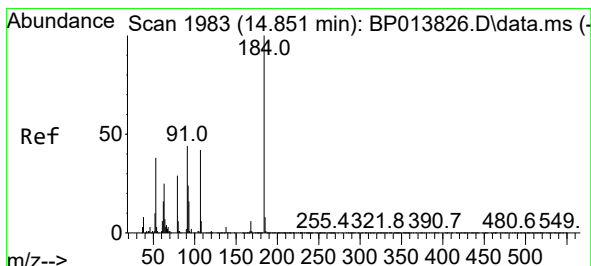
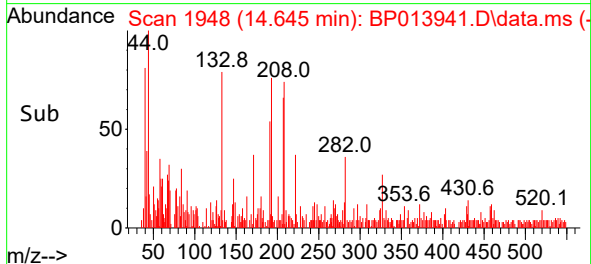
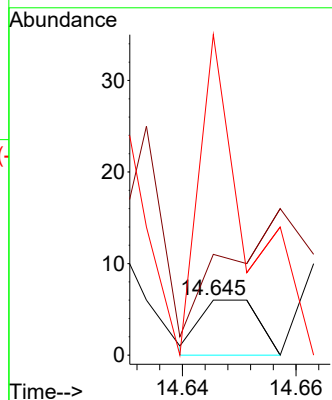
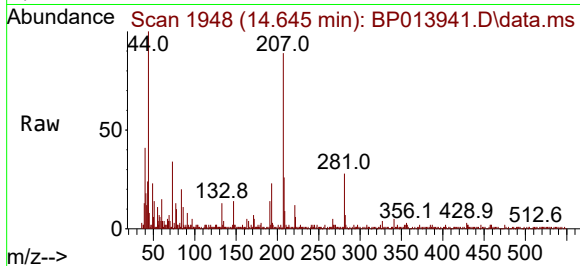




#53
3-Nitroaniline
Concen: 2.009 ng
RT: 14.645 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

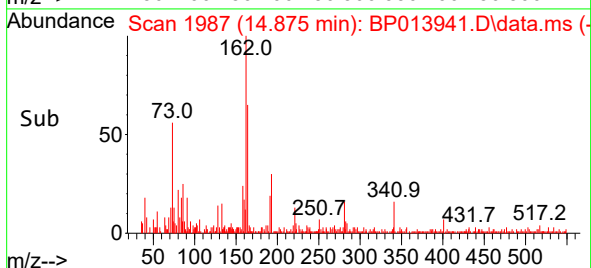
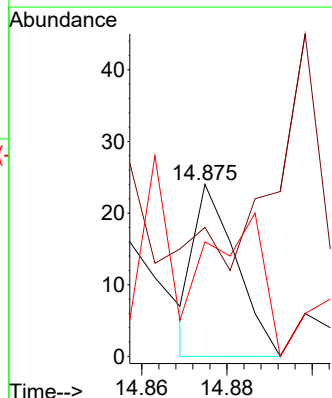
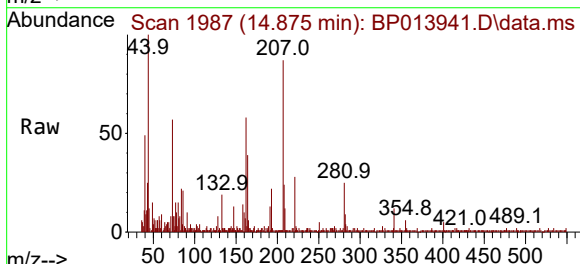
Instrument :
BNA_P
ClientSampleId :
PB151111TB

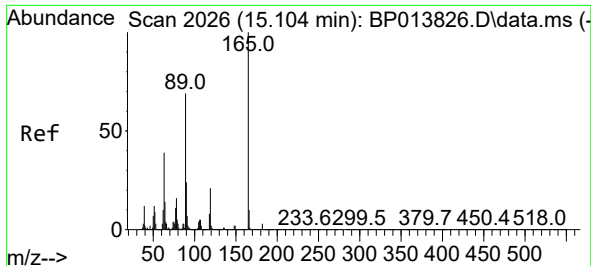
Tgt Ion:138 Resp: 4
Ion Ratio Lower Upper
138 100
108 183.3 9.0 13.4#
92 583.3 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.268 ng
RT: 14.875 min Scan# 1987
Delta R.T. 0.035 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 64.3 47.0 70.4
154 57.1 51.5 77.3

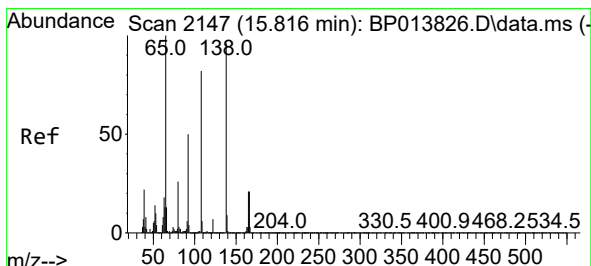
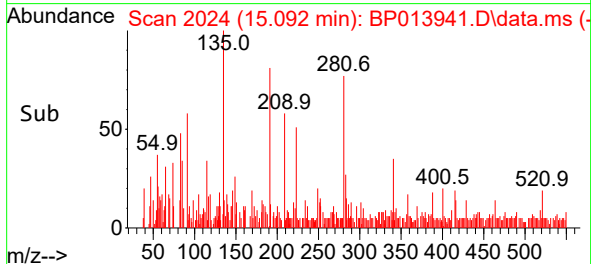
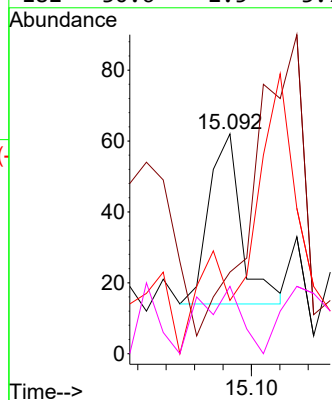
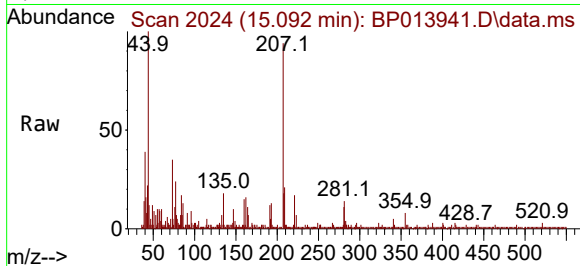




#57
2,4-Dinitrotoluene
Concen: 2.288 ng
RT: 15.092 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

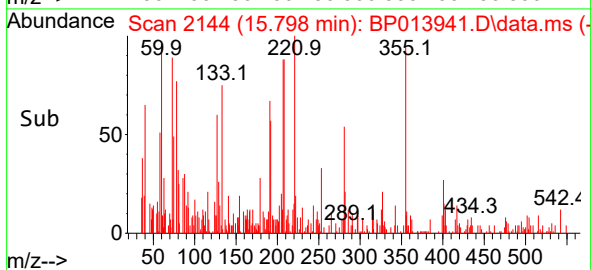
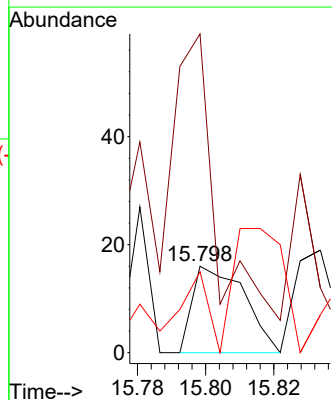
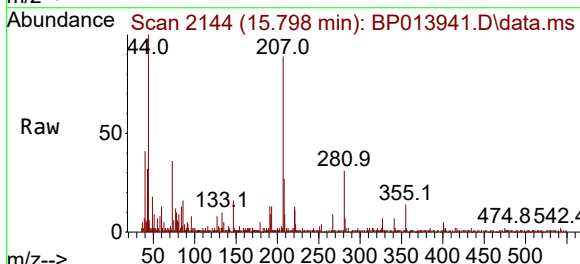
Instrument :
BNA_P
ClientSampleId :
PB151111TB

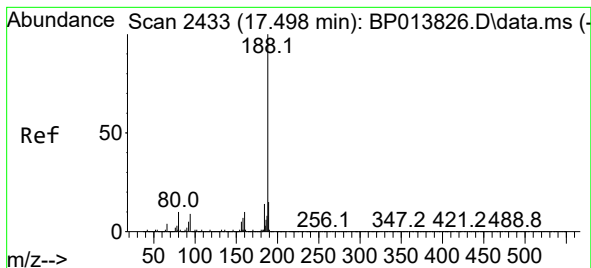
Tgt Ion:165 Resp: 38
Ion Ratio Lower Upper
165 100
63 37.1 31.1 46.7
89 24.2 54.9 82.3#
182 30.6 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013941.D
Acq: 03 Mar 2023 13:01

Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 368.8 32.0 72.0#
108 93.8 65.6 105.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

Instrument :

BNA_P

ClientSampleId :

PB151111TB

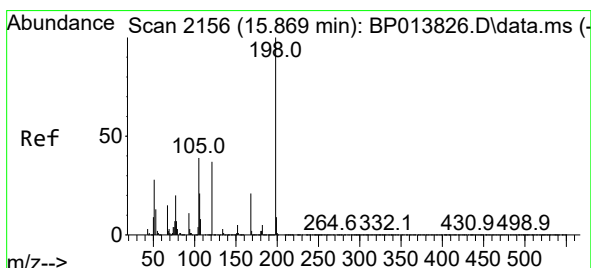
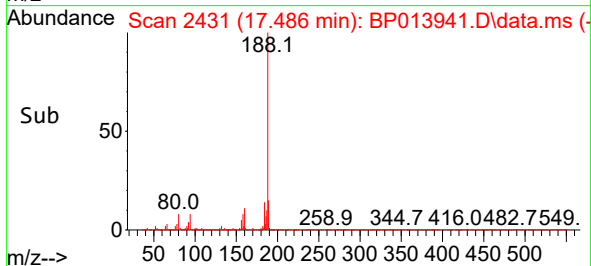
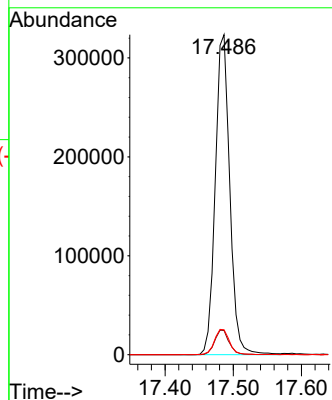
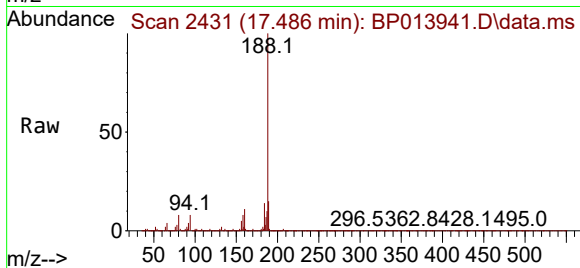
Tgt Ion:188 Resp: 479284

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 7.8 7.8 11.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.625 ng

RT: 15.863 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

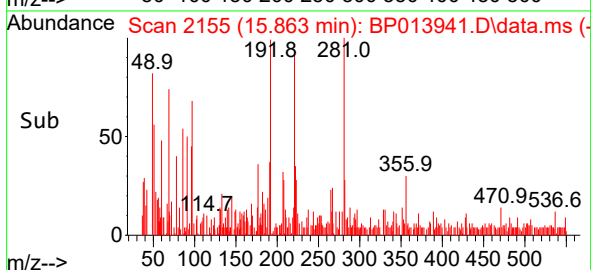
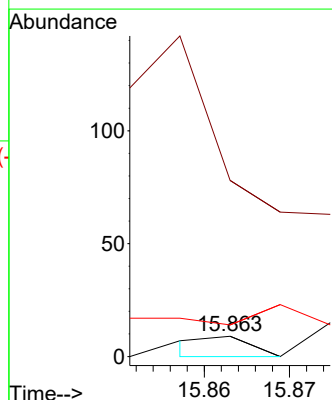
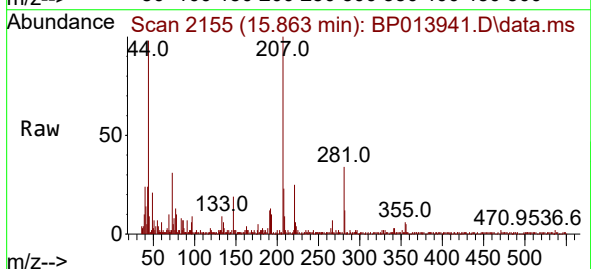
Tgt Ion:198 Resp: 3

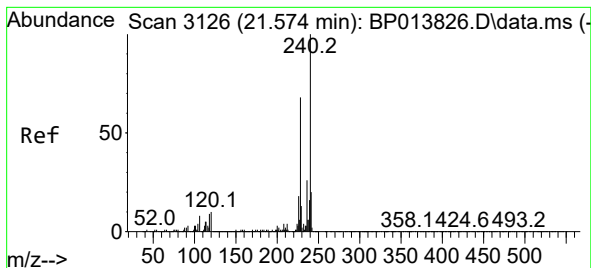
Ion Ratio Lower Upper

198 100

51 866.7 14.3 54.3#

105 155.6 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

Instrument :

BNA_P

ClientSampleId :

PB151111TB

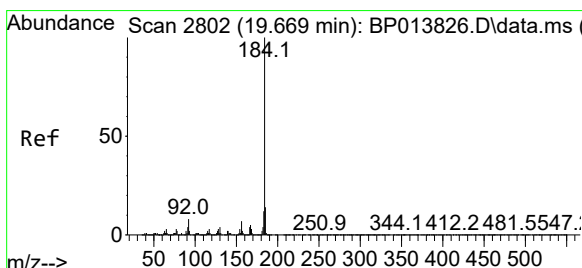
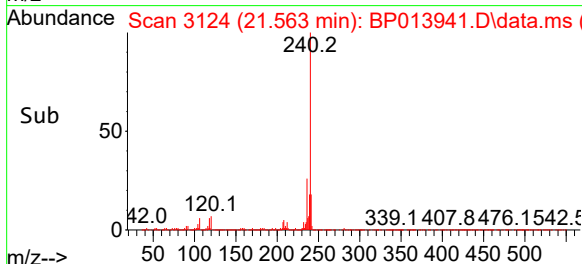
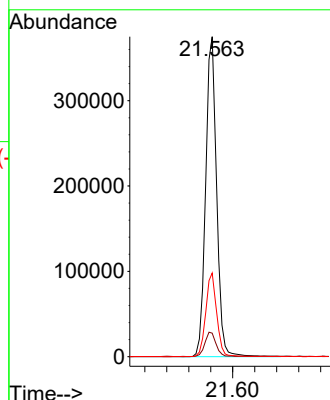
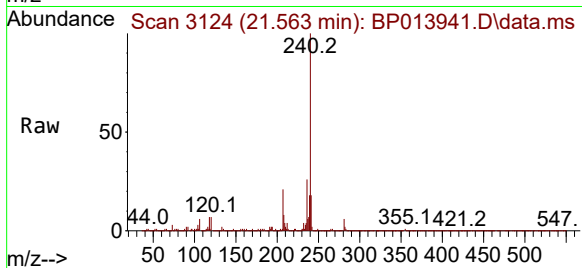
Tgt Ion:240 Resp: 517940

Ion Ratio Lower Upper

240 100

120 7.4 7.9 11.9#

236 26.2 20.9 31.3



#77

Benzidine

Concen: 2.290 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.018 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

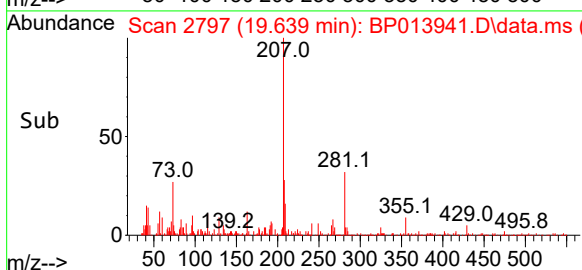
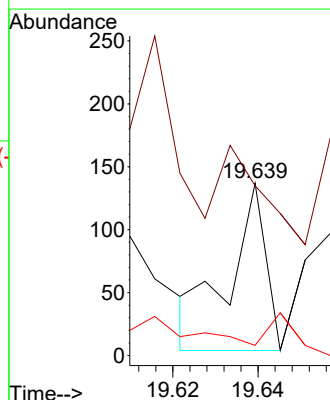
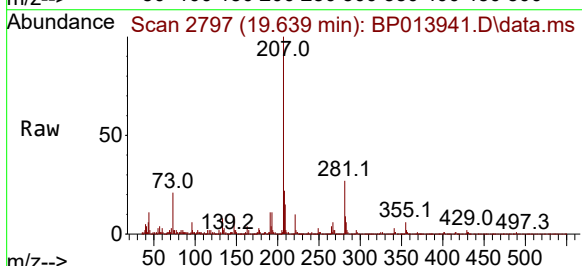
Tgt Ion:184 Resp: 79

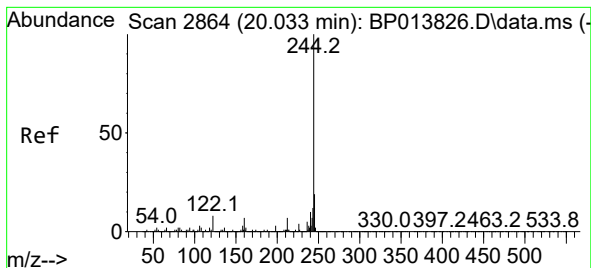
Ion Ratio Lower Upper

184 100

185 98.5 11.4 17.0#

183 5.8 9.6 14.4#





#79

Terphenyl-d14

Concen: 95.301 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

Instrument :

BNA_P

ClientSampleId :

PB151111TB

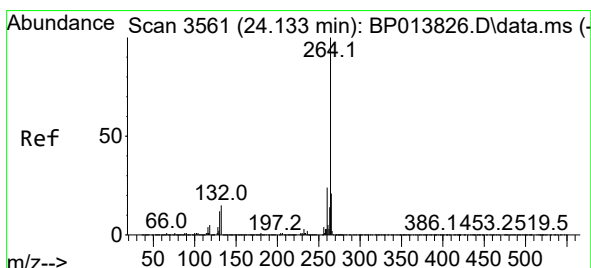
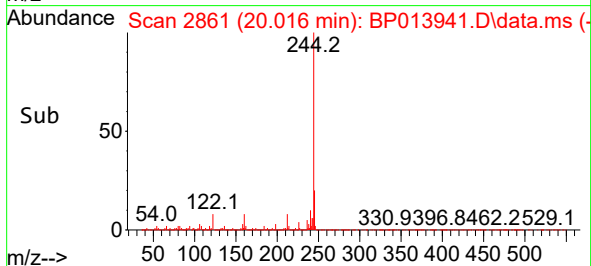
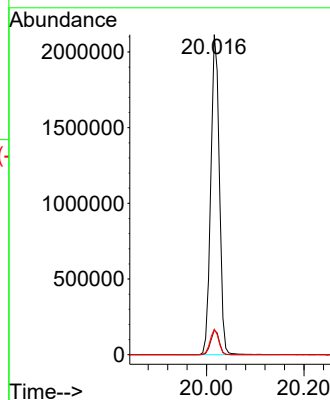
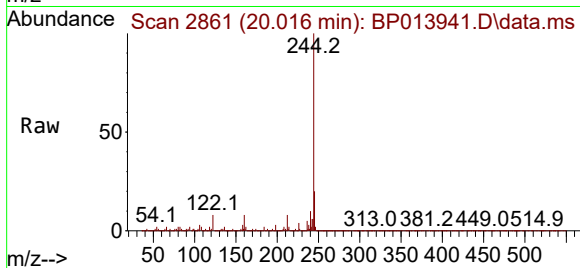
Tgt Ion:244 Resp: 2565519

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: 24.104 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013941.D

Acq: 03 Mar 2023 13:01

Tgt Ion:264 Resp: 617150

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.0

265 22.5 17.6 26.4

