

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013918.D
 Acq On : 01 Mar 2023 13:47
 Operator : CG/JU
 Sample : PB151080TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151080TB

Quant Time: Mar 02 04:30:56 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)

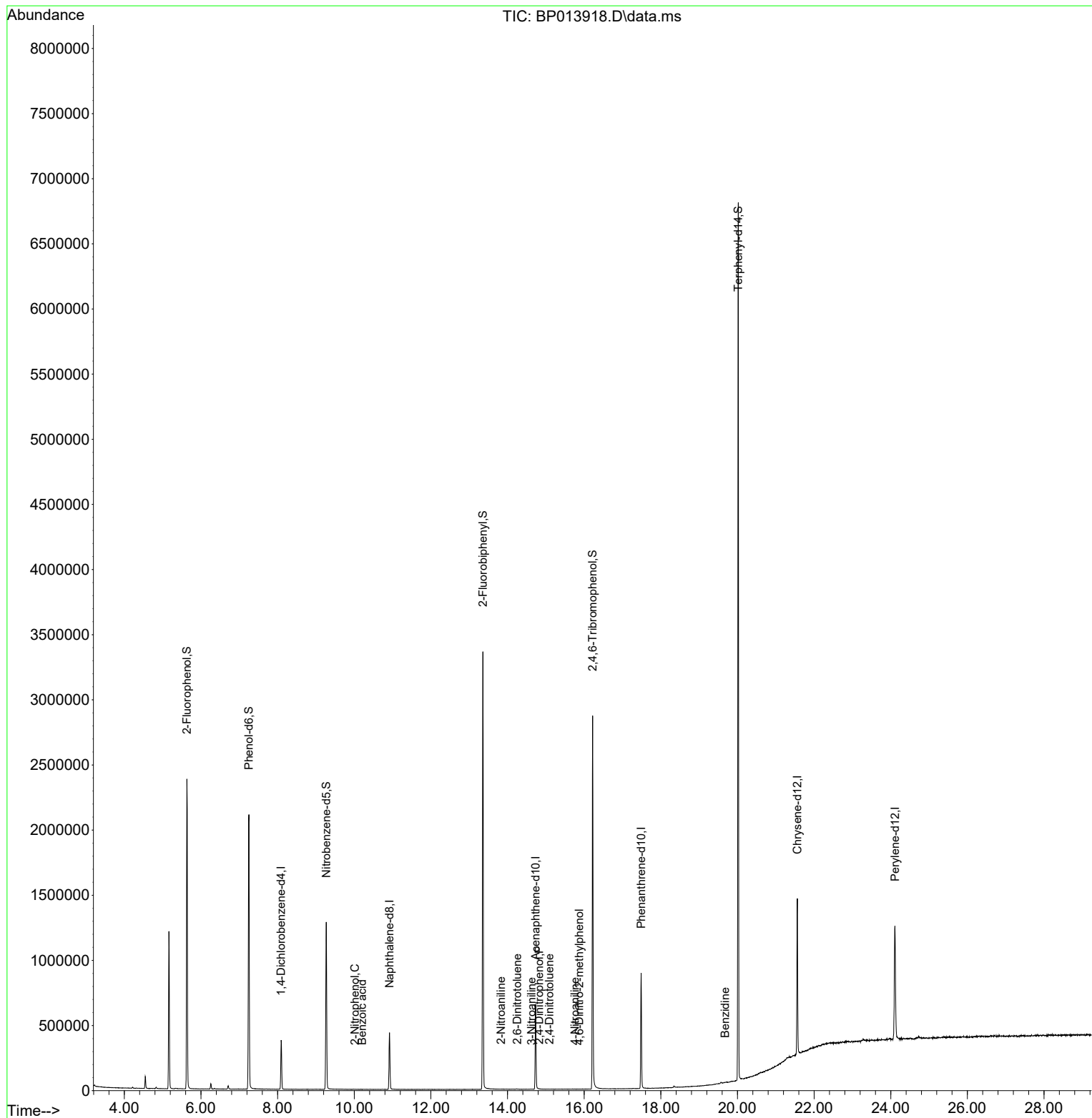
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	99996	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	367010	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	232115	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	547508	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	606406	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	747693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	971361	160.097	ng	0.00
7) Phenol-d6	7.252	99	1190429	153.197	ng	0.00
23) Nitrobenzene-d5	9.269	82	746315	109.809	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	576933	170.749	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1685234	95.362	ng	0.00
79) Terphenyl-d14	20.022	244	3248322	103.062	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.016	139	7	2.770	ng	# 73
32) Benzoic acid	10.205	122	27	5.081	ng	# 1
48) 2-Nitroaniline	13.828	65	68	3.246	ng	# 19
51) 2,6-Dinitrotoluene	14.251	165	68	2.003	ng	86
53) 3-Nitroaniline	14.628	138	17	2.012	ng	# 18
54) 2,4-Dinitrophenol	14.828	184	4	5.263	ng	# 1
57) 2,4-Dinitrotoluene	15.093	165	11	2.283	ng	# 51
62) 4-Nitroaniline	15.757	138	19	2.551	ng	86
65) 4,6-Dinitro-2-methylph...	15.869	198	5	4.625	ng	# 1
77) Benzidine	19.681	184	948	2.356	ng	# 73

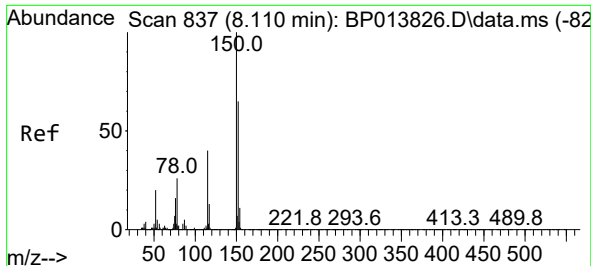
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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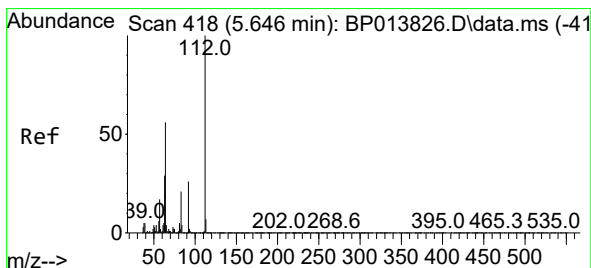
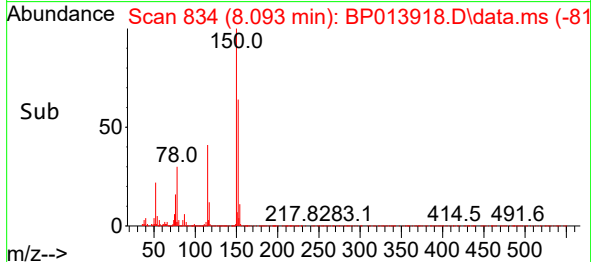
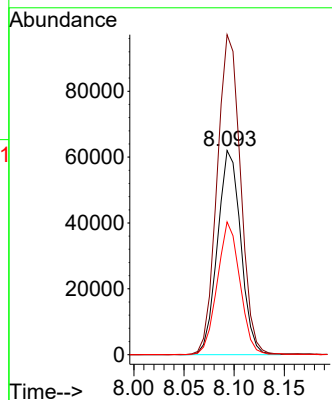
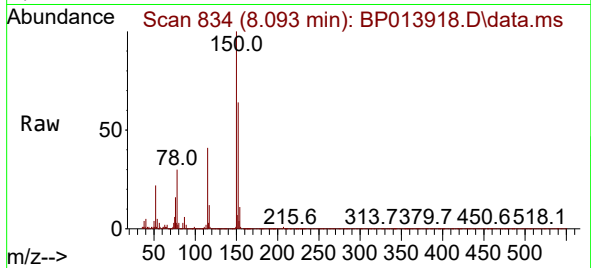




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

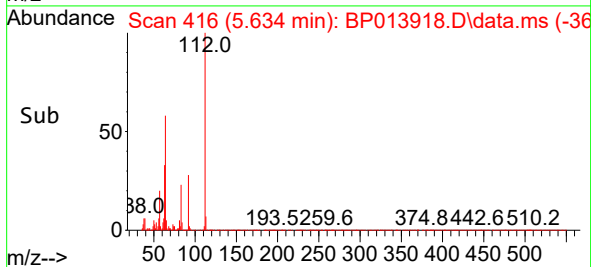
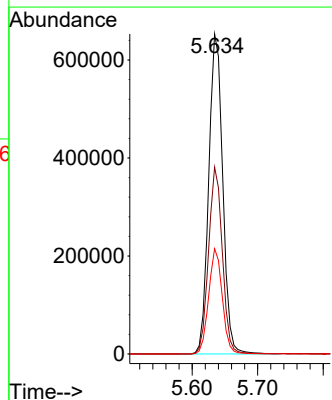
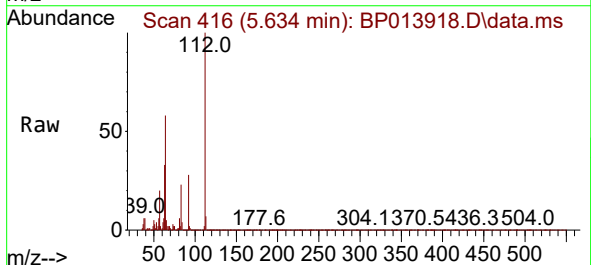
Instrument :
BNA_P
ClientSampleId :
PB151080TB

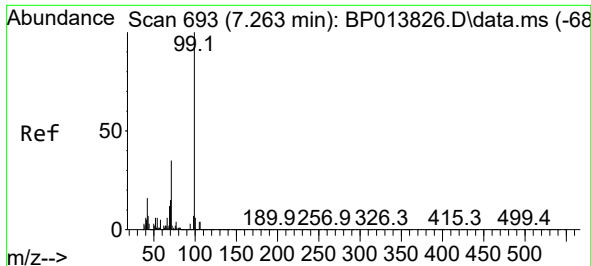
Tgt Ion:152 Resp: 99996
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 65.0 49.0 73.6



#5
2-Fluorophenol
Concen: 160.097 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:112 Resp: 971361
Ion Ratio Lower Upper
112 100
64 58.4 44.6 66.8
63 32.9 23.6 35.4



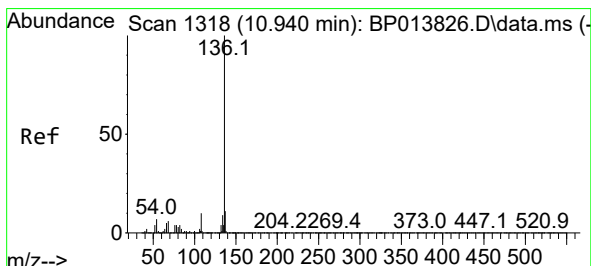
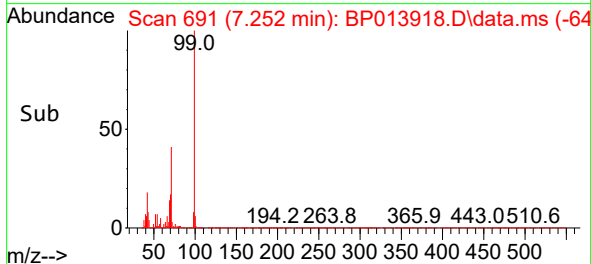
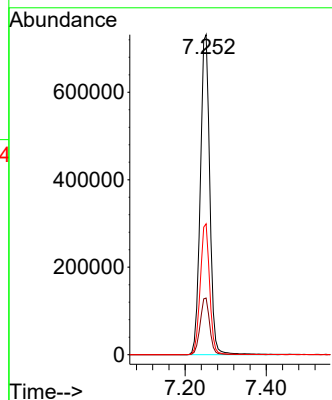
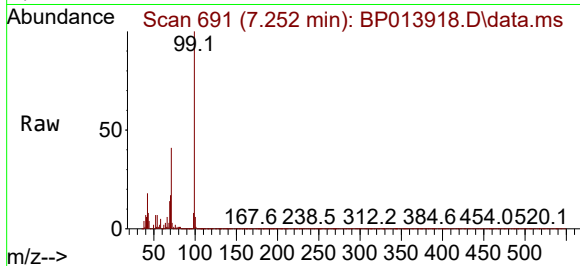


#7
Phenol-d6
Concen: 153.197 ng
RT: 7.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Instrument :
BNA_P
ClientSampleId :
PB151080TB

Tgt Ion: 99 Resp: 1190429

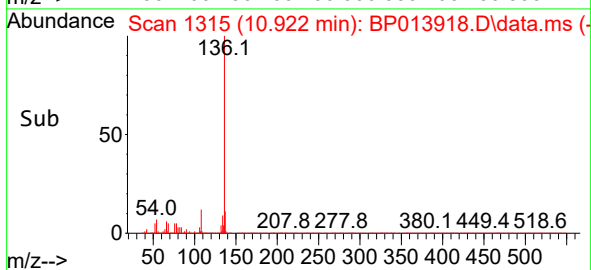
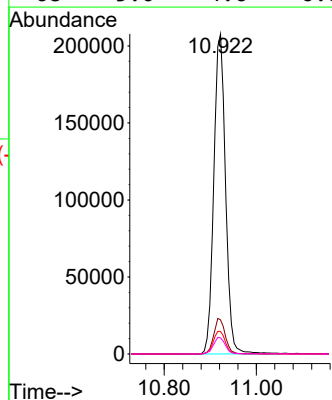
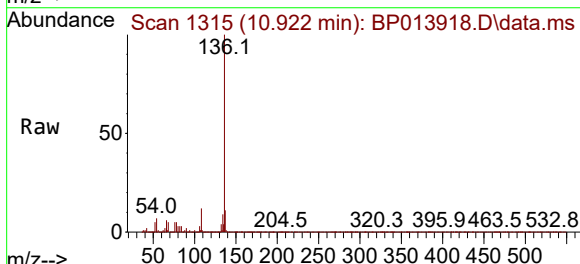
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.5	18.7
71	40.9	27.8	41.8

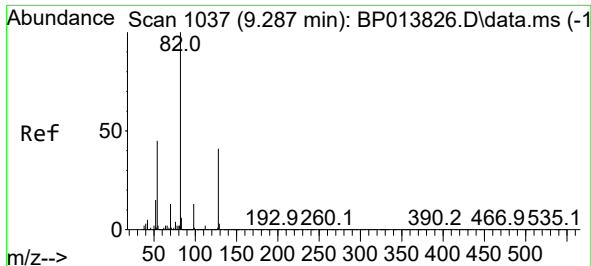


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion: 136 Resp: 367010

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	5.8	8.6
68	5.0	4.6	6.8

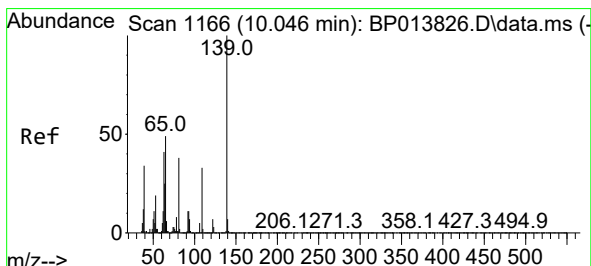
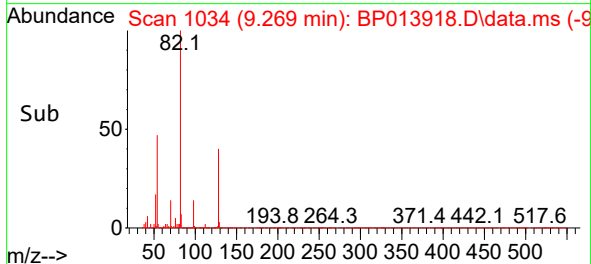
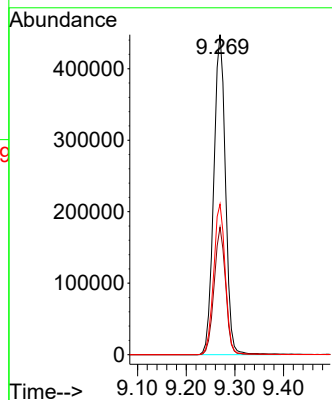
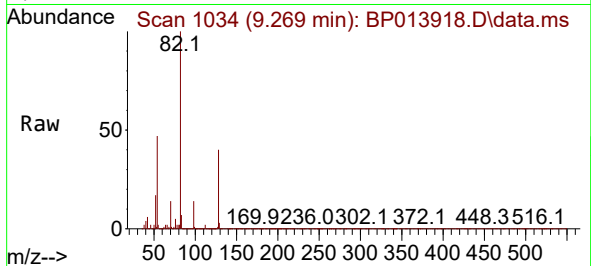




#23
Nitrobenzene-d5
Concen: 109.809 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

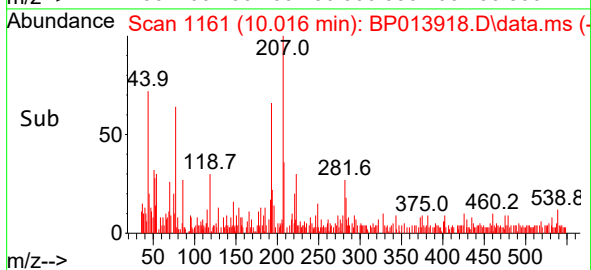
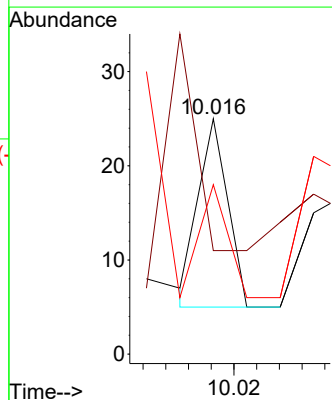
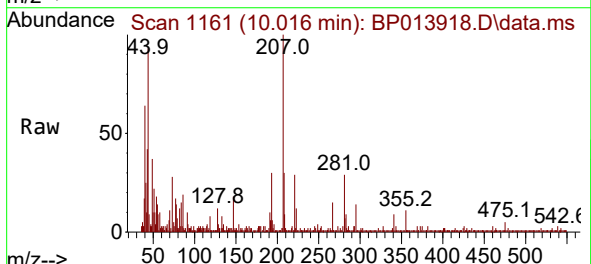
Instrument :
BNA_P
ClientSampleId :
PB151080TB

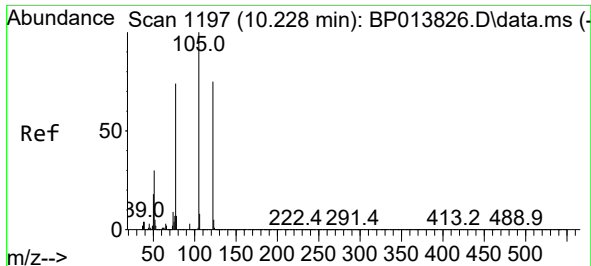
Tgt Ion: 82 Resp: 746315
Ion Ratio Lower Upper
82 100
128 39.8 32.9 49.3
54 47.1 35.6 53.4



#26
2-Nitrophenol
Concen: 2.770 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 44.0 26.7 40.1#
65 72.0 39.4 59.2#

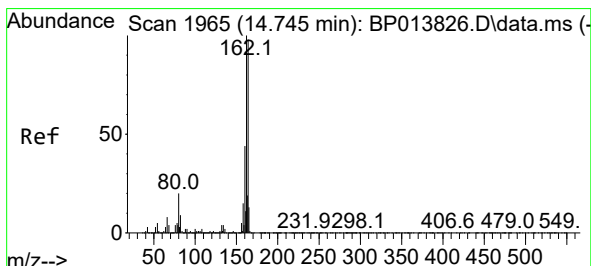
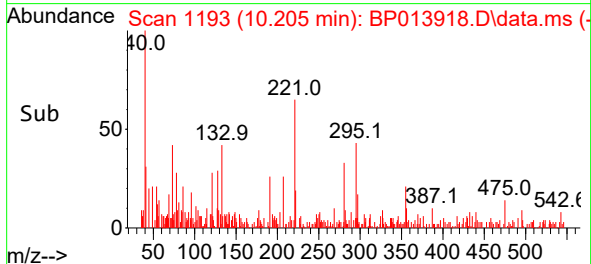
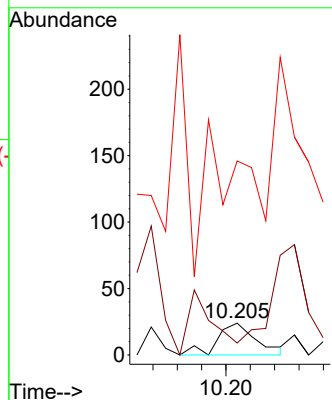
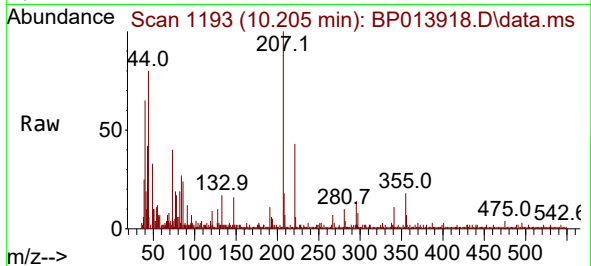




#32
Benzoic acid
Concen: 5.081 ng
RT: 10.205 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

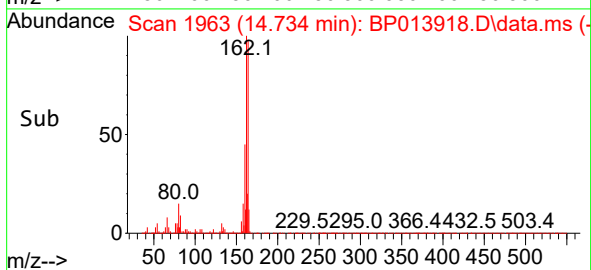
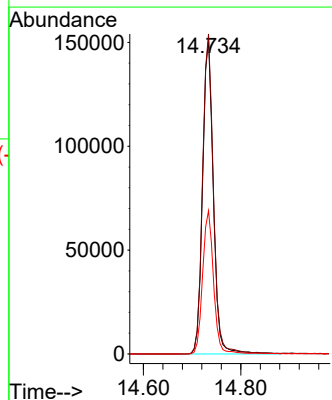
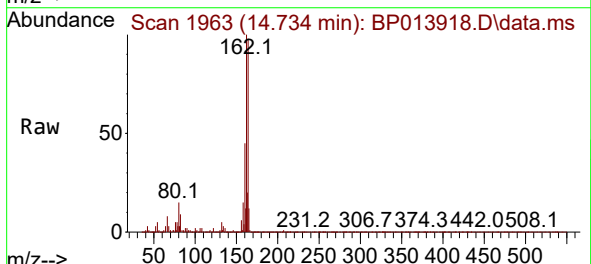
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BNA_P
ClientSampleId :
PB151080TB

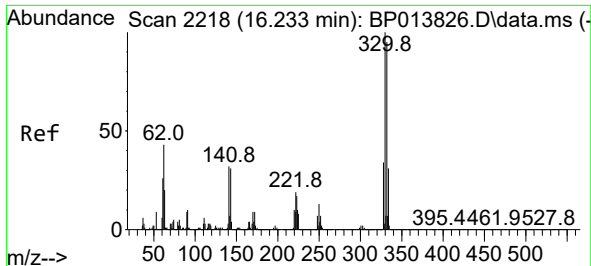
Tgt Ion:122 Resp: 27
Ion Ratio Lower Upper
122 100
105 37.5 107.4 147.4#
77 608.3 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:164 Resp: 232115
Ion Ratio Lower Upper
164 100
162 101.8 81.7 122.5
160 45.5 36.1 54.1

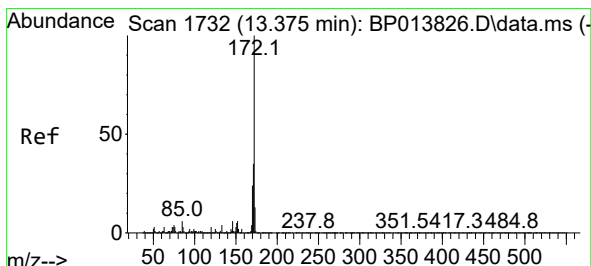
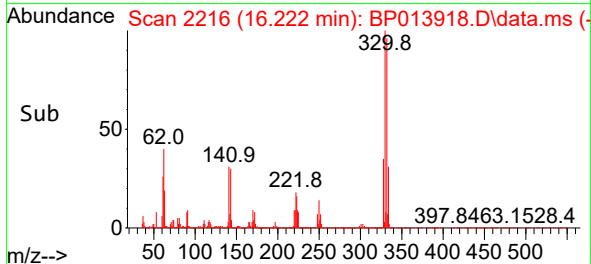
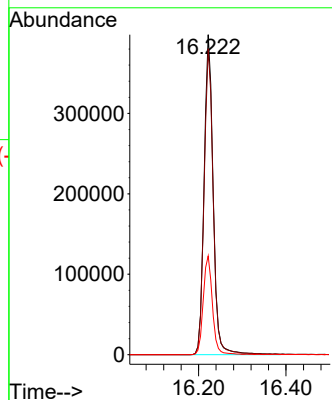
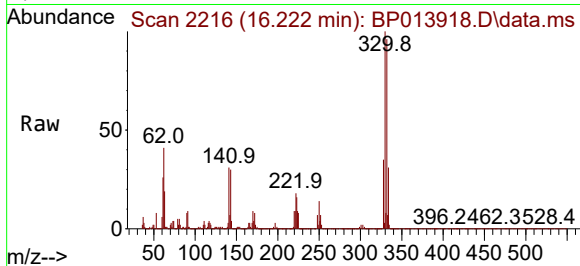




#42
2,4,6-Tribromophenol
Concen: 170.749 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

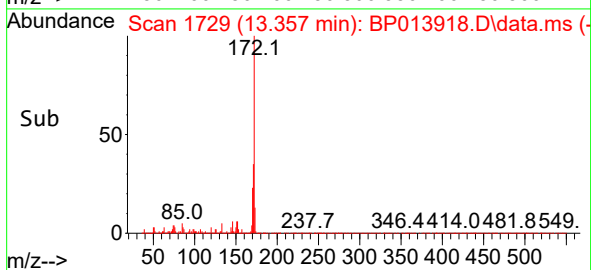
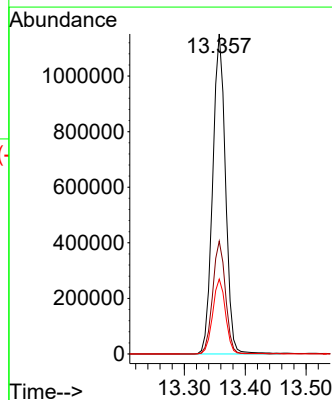
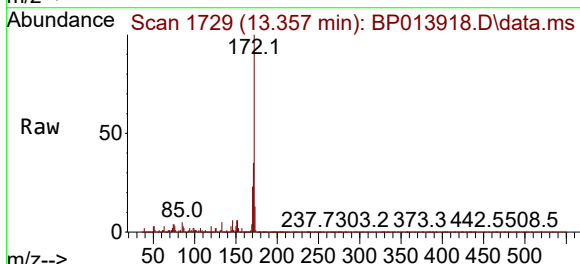
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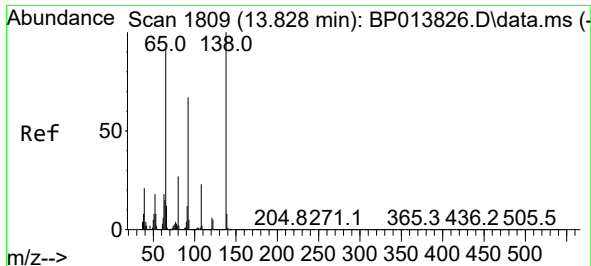
Tgt Ion:330 Resp: 576933
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 31.1 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 95.362 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:172 Resp: 1685234
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 19.0 28.4

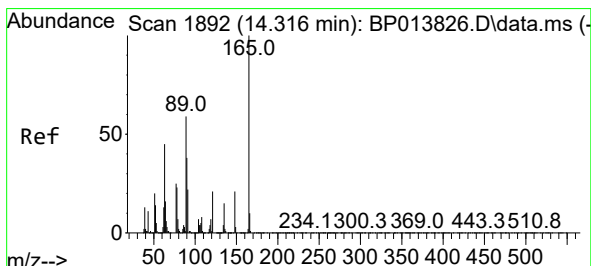
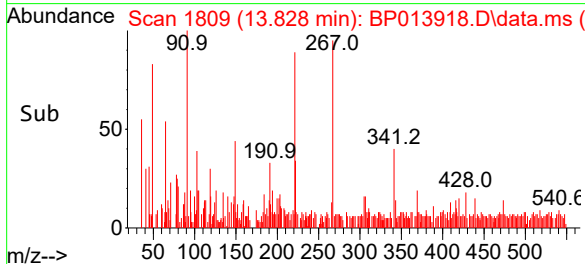
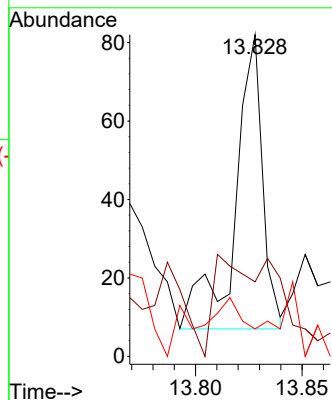
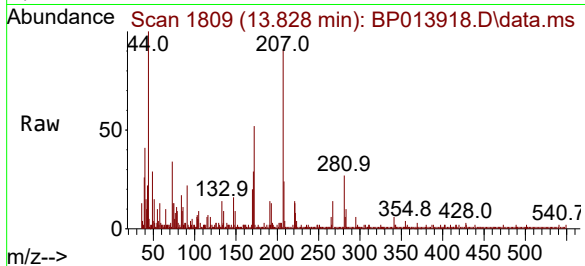




#48
2-Nitroaniline
Concen: 3.246 ng
RT: 13.828 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

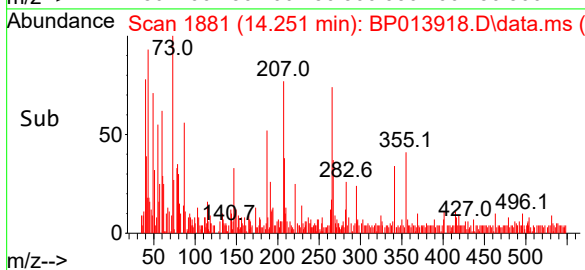
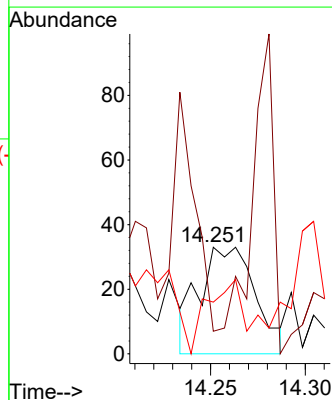
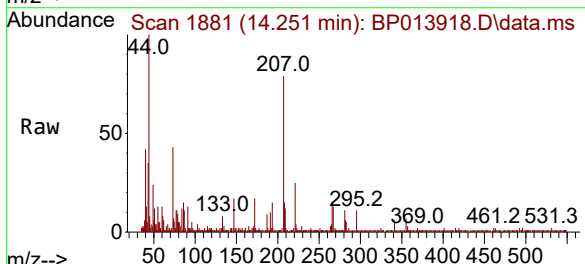
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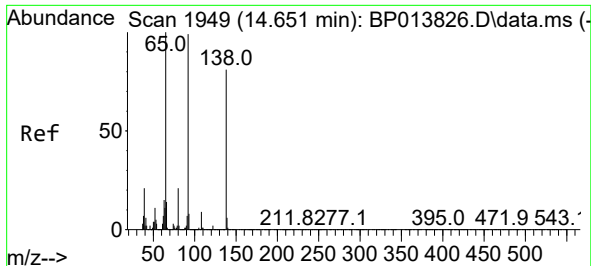
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 23.2 58.7 88.1#
138 8.5 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.003 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.059 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion: 165 Resp: 68
Ion Ratio Lower Upper
165 100
63 63.6 42.6 63.8
89 48.5 47.1 70.7

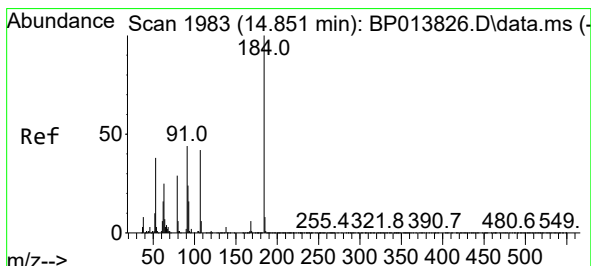
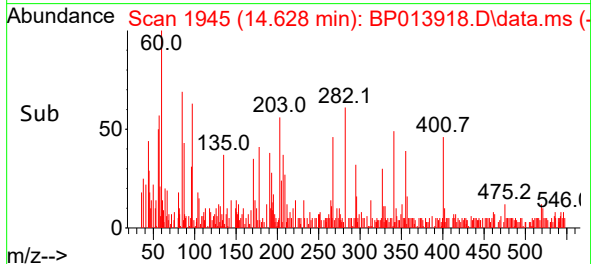
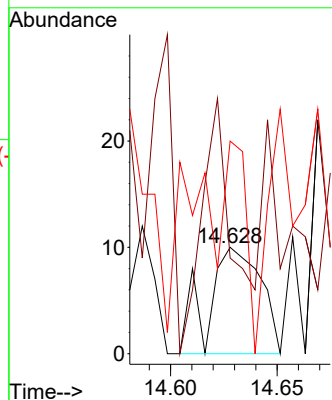
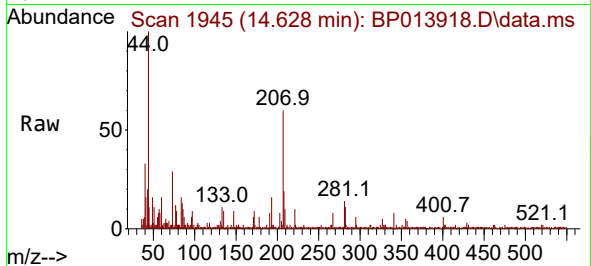




#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.628 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

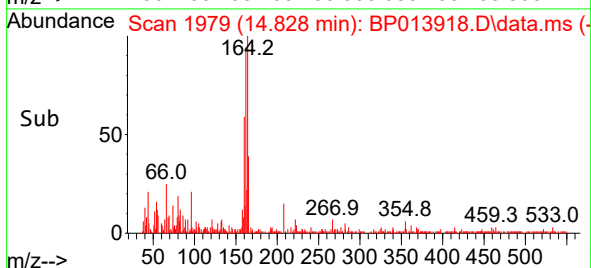
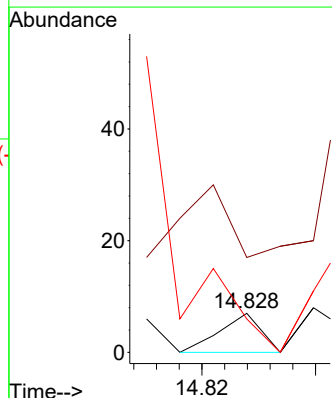
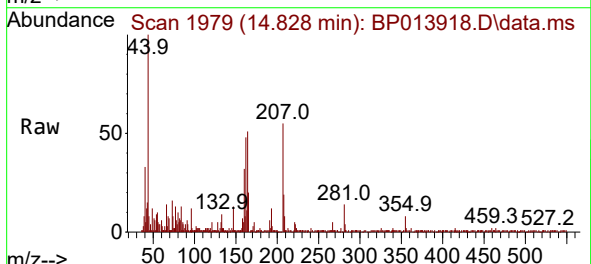
Instrument :
BNA_P
ClientSampleId :
PB151080TB

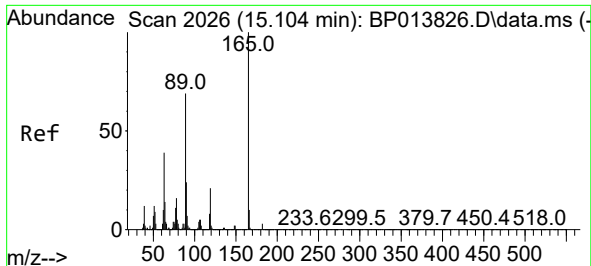
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
108 90.0 9.0 13.4#
92 200.0 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.263 ng
RT: 14.828 min Scan# 1979
Delta R.T. -0.012 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 242.9 47.0 70.4#
154 257.1 51.5 77.3#

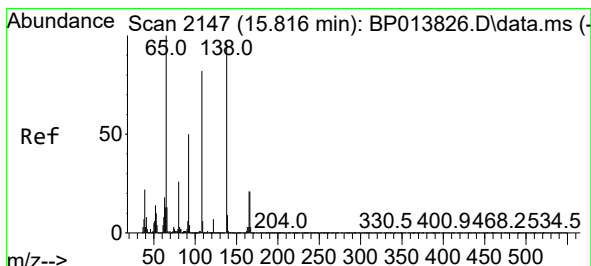
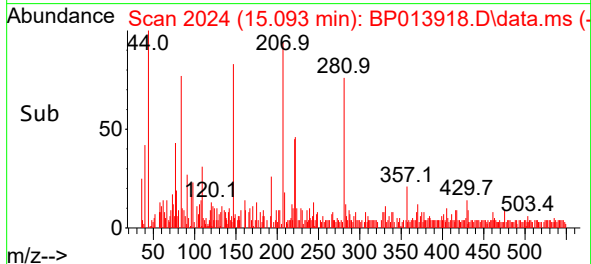
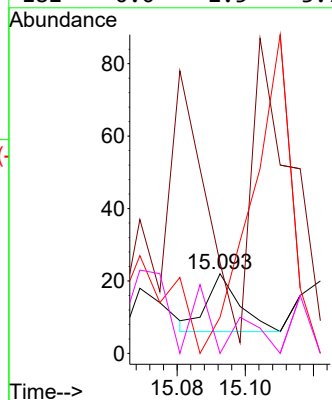
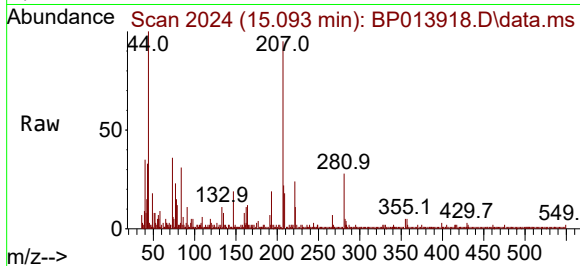




#57
2,4-Dinitrotoluene
Concen: 2.283 ng
RT: 15.093 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

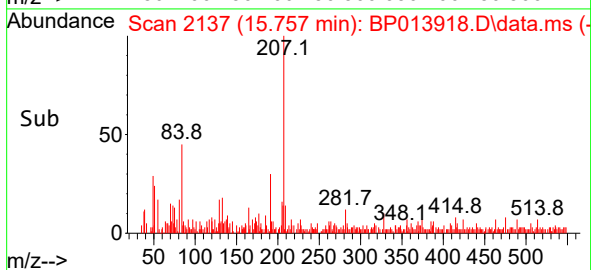
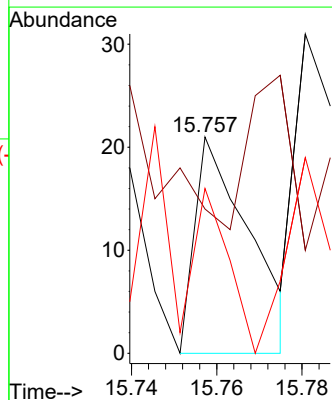
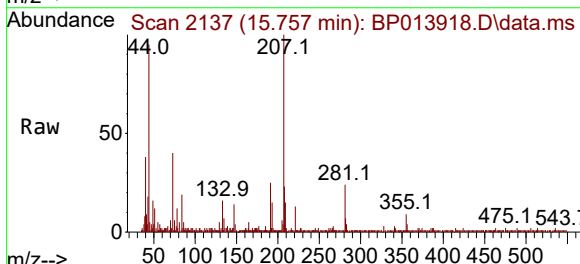
Instrument :
BNA_P
ClientSampleId :
PB151080TB

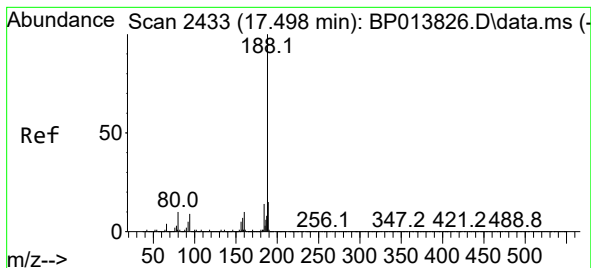
Tgt Ion:165 Resp: 11
Ion Ratio Lower Upper
165 100
63 69.4 31.1 46.7#
89 27.8 54.9 82.3#
182 0.0 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.047 min
Lab File: BP013918.D
Acq: 01 Mar 2023 13:47

Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 66.7 32.0 72.0
108 76.2 65.6 105.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013918.D

Acq: 01 Mar 2023 13:47

Instrument :

BNA_P

ClientSampleId :

PB151080TB

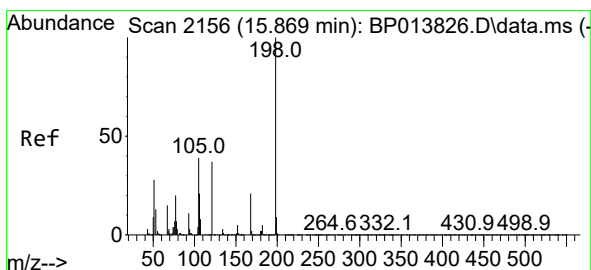
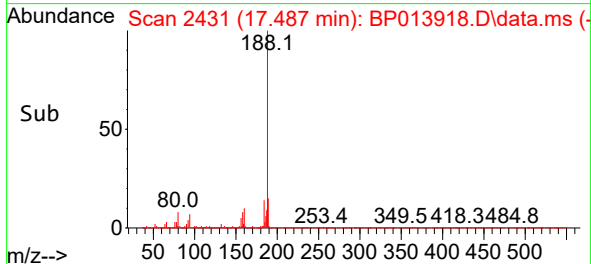
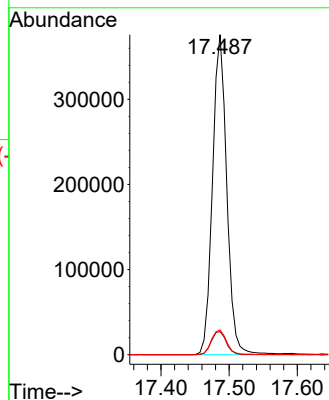
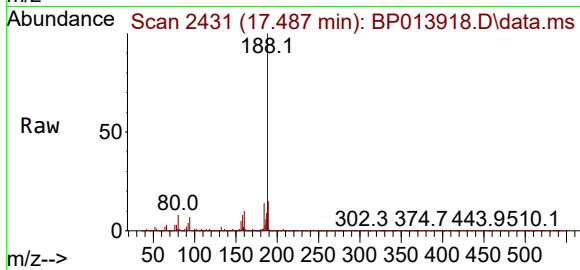
Tgt Ion:188 Resp: 547508

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 7.7 7.8 11.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.625 ng

RT: 15.869 min Scan# 2156

Delta R.T. 0.012 min

Lab File: BP013918.D

Acq: 01 Mar 2023 13:47

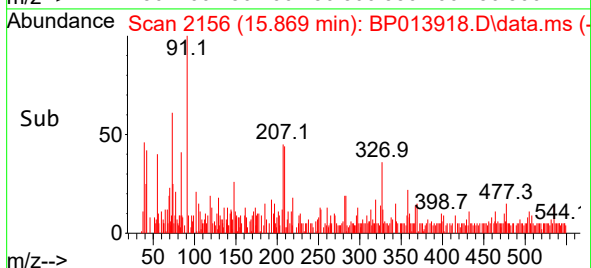
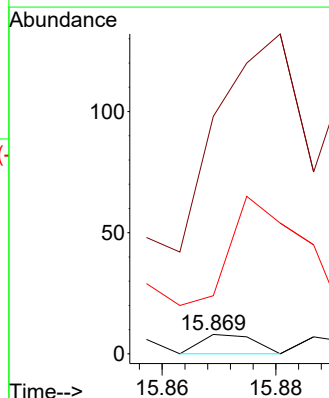
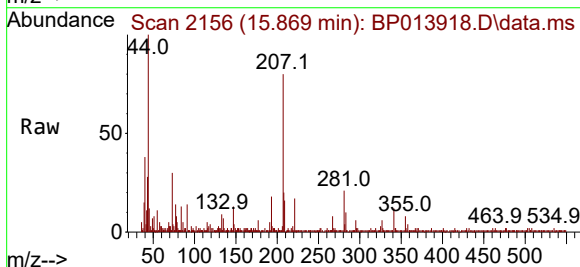
Tgt Ion:198 Resp: 5

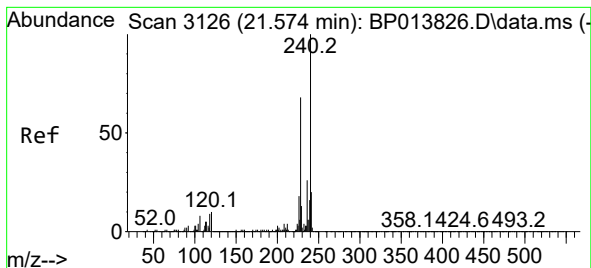
Ion Ratio Lower Upper

198 100

51 1225.0 14.3 54.3#

105 300.0 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: BP013918.D

Acq: 01 Mar 2023 13:47

Instrument :

BNA_P

ClientSampleId :

PB151080TB

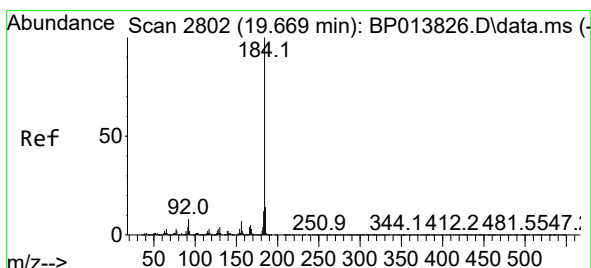
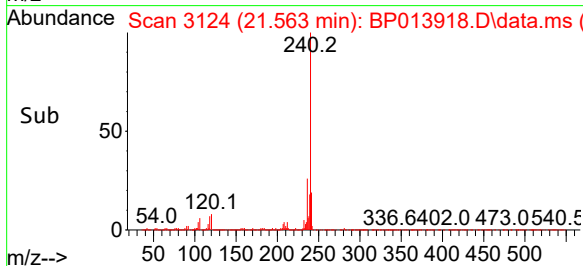
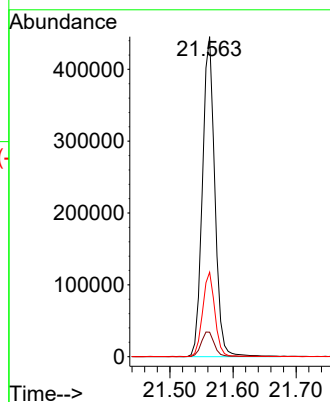
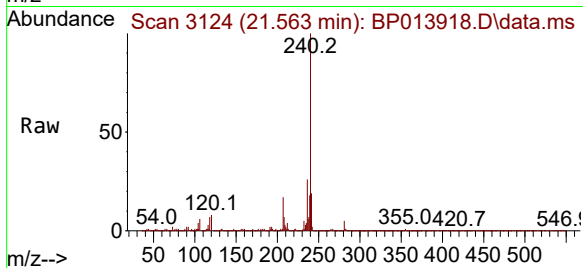
Tgt Ion:240 Resp: 606406

Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 26.4 20.9 31.3



#77

Benzidine

Concen: 2.356 ng

RT: 19.681 min Scan# 2804

Delta R.T. 0.024 min

Lab File: BP013918.D

Acq: 01 Mar 2023 13:47

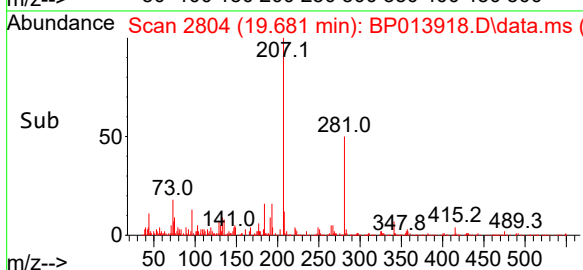
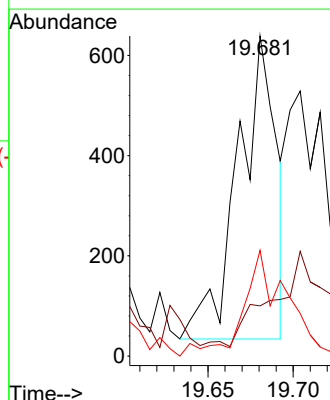
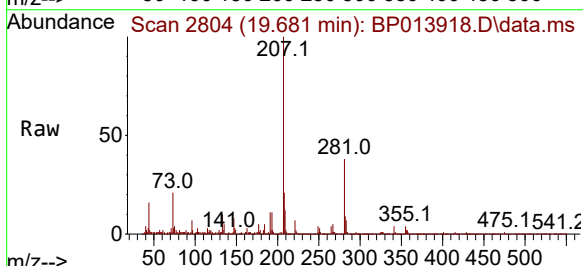
Tgt Ion:184 Resp: 948

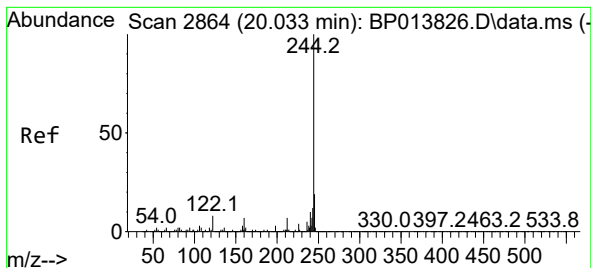
Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.0

183 33.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 103.062 ng

RT: 20.022 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013918.D

Acq: 01 Mar 2023 13:47

Instrument :

BNA_P

ClientSampleId :

PB151080TB

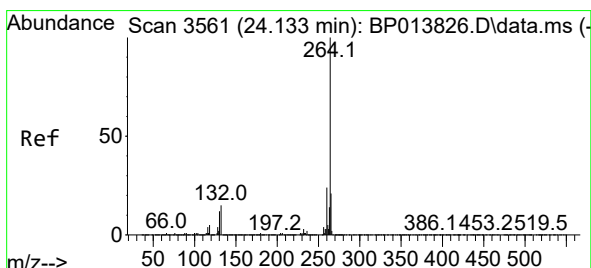
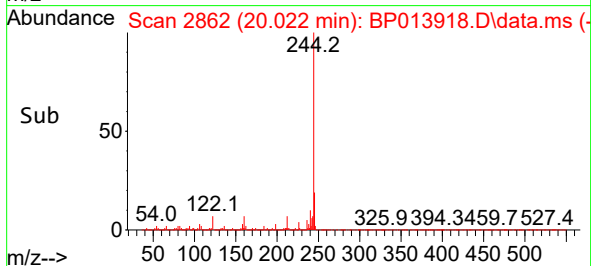
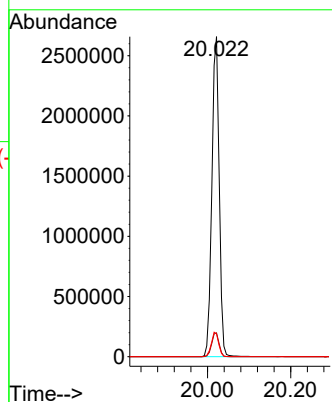
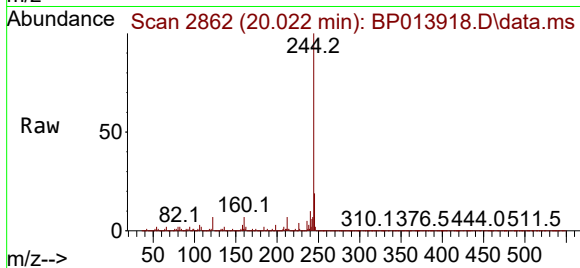
Tgt Ion:244 Resp: 3248322

Ion Ratio Lower Upper

244 100

212 7.4 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. 0.000 min

Lab File: BP013918.D

Acq: 01 Mar 2023 13:47

Tgt Ion:264 Resp: 747693

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.4 17.6 26.4

