

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013914.D
 Acq On : 01 Mar 2023 11:27
 Operator : CG/JU
 Sample : PB1511014BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151104BL

Quant Time: Mar 02 04:28:57 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)

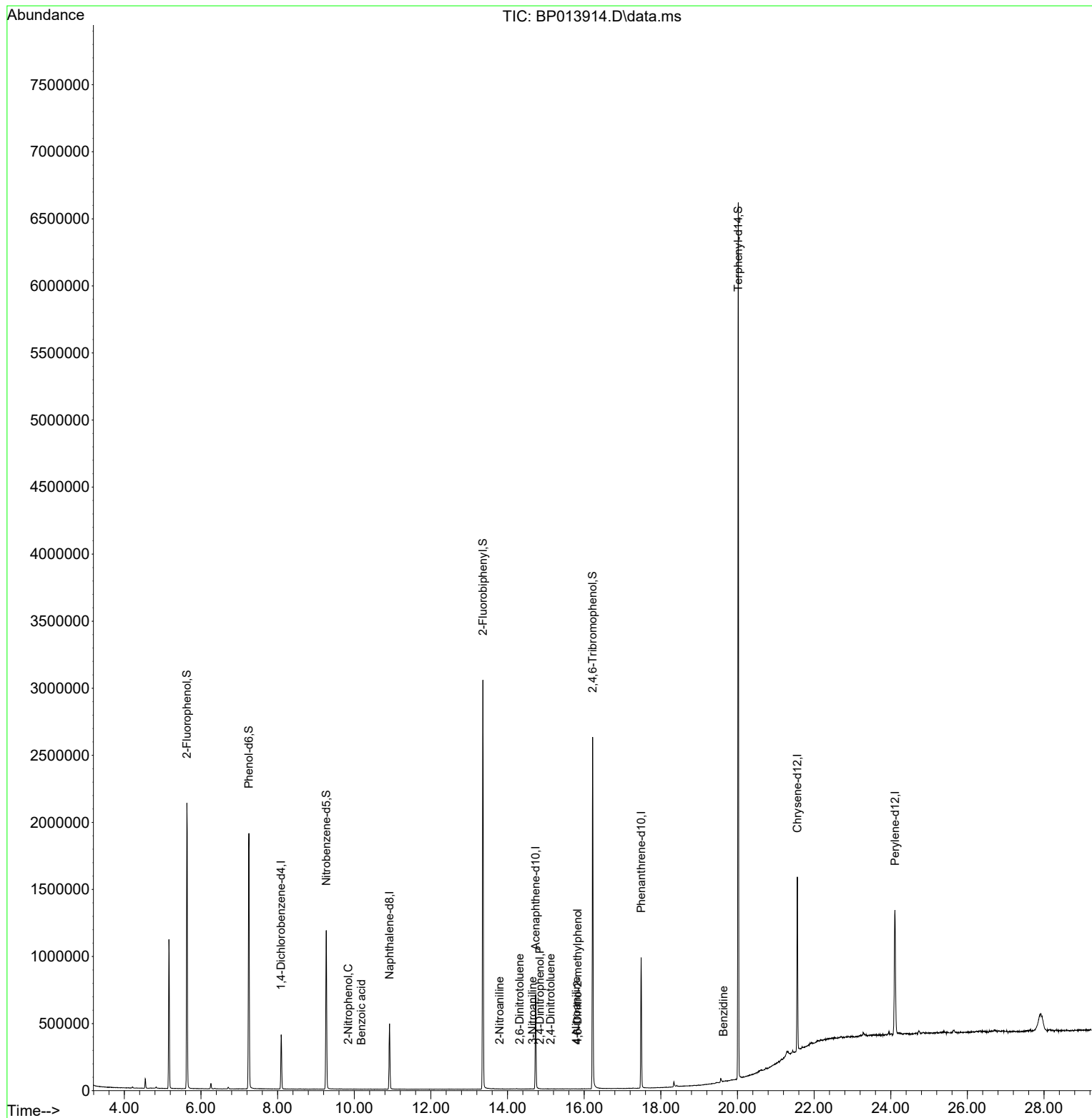
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	106624	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	391599	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	246772	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	585849	20.000	ng	0.00
76) Chrysene-d12	21.563	240	657923	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	815003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	856095	132.328	ng	0.00
7) Phenol-d6	7.252	99	1055312	127.366	ng	0.00
23) Nitrobenzene-d5	9.269	82	683230	94.215	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	528096	147.012	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1565861	83.344	ng	0.00
79) Terphenyl-d14	20.022	244	3029257	88.586	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	25	2.775	ng	92
32) Benzoic acid	10.187	122	19	5.079	ng	# 1
48) 2-Nitroaniline	13.793	65	72	3.245	ng	# 21
51) 2,6-Dinitrotoluene	14.316	165	179	2.027	ng	# 34
53) 3-Nitroaniline	14.651	138	17	2.011	ng	# 70
54) 2,4-Dinitrophenol	14.845	184	33	5.273	ng	# 76
57) 2,4-Dinitrotoluene	15.128	165	89	2.295	ng	# 64
62) 4-Nitroaniline	15.798	138	9	2.549	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.828	198	13	4.627	ng	# 1
77) Benzidine	19.633	184	78	2.288	ng	# 1

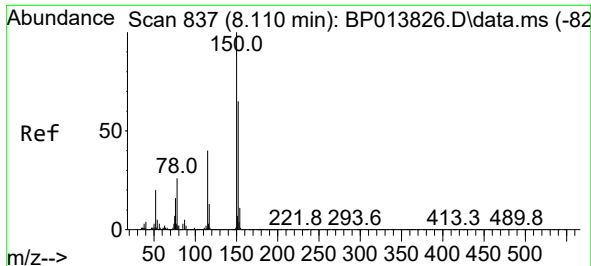
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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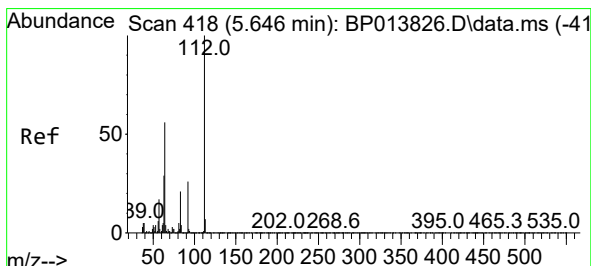
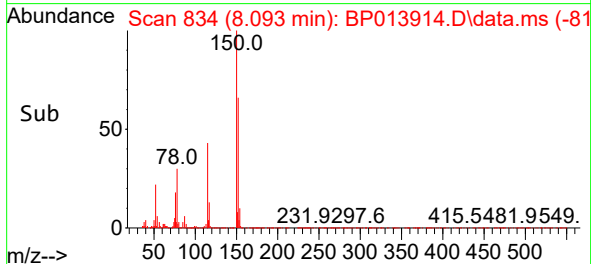
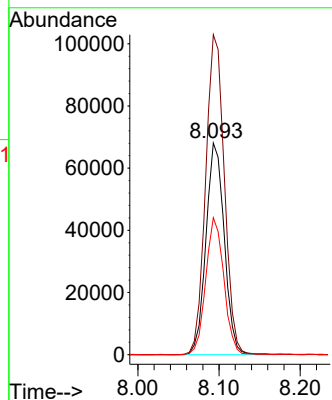
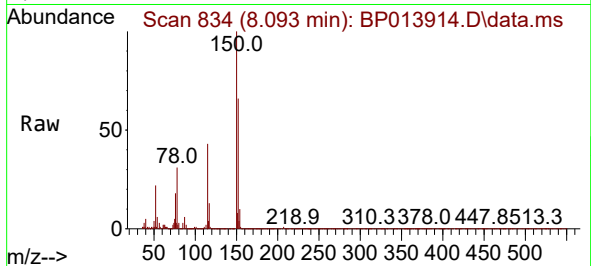




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

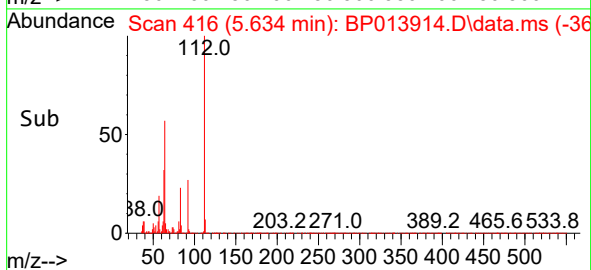
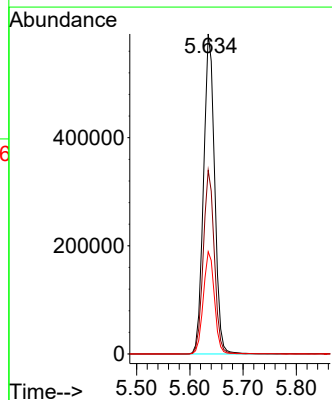
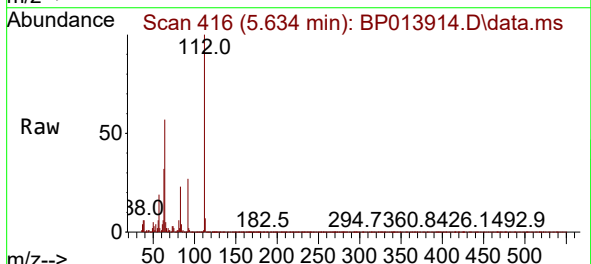
Instrument :
BNA_P
ClientSampleId :
PB151104BL

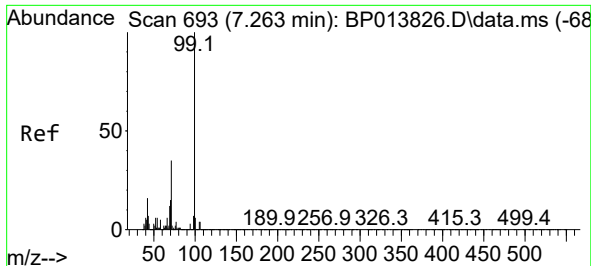
Tgt Ion:152 Resp: 106624
Ion Ratio Lower Upper
152 100
150 151.2 122.8 184.2
115 64.7 49.0 73.6



#5
2-Fluorophenol
Concen: 132.328 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion:112 Resp: 856095
Ion Ratio Lower Upper
112 100
64 57.4 44.6 66.8
63 31.9 23.6 35.4



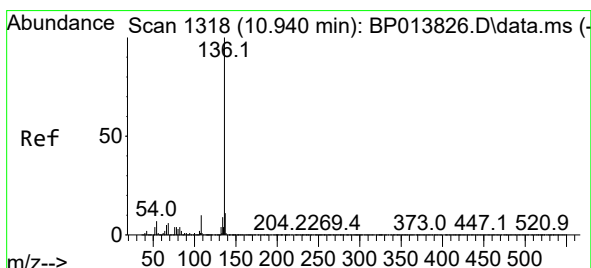
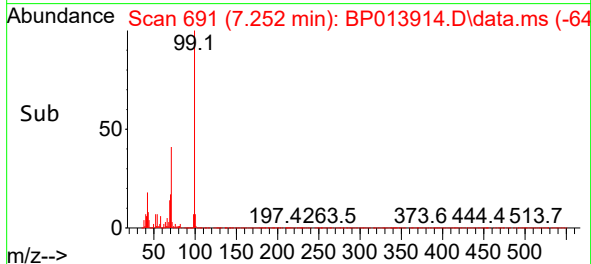
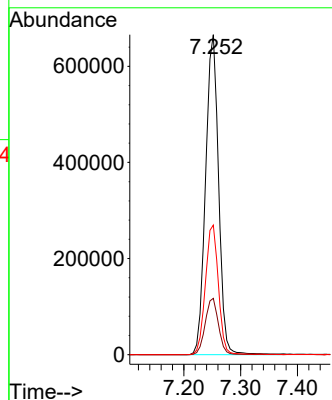
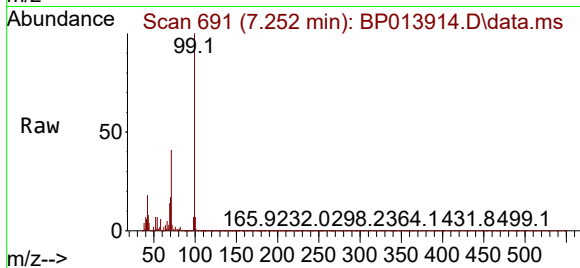


#7
Phenol-d6
Concen: 127.366 ng
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Instrument :
BNA_P
ClientSampleId :
PB151104BL

Tgt Ion: 99 Resp: 1055312

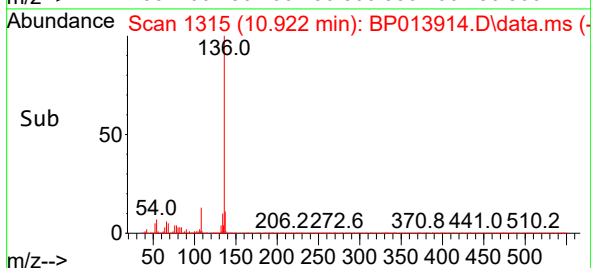
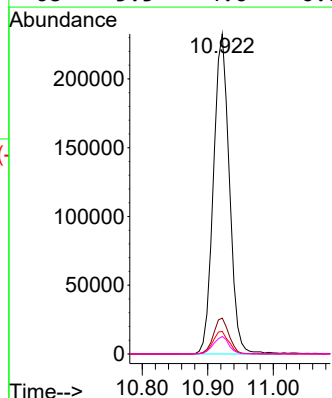
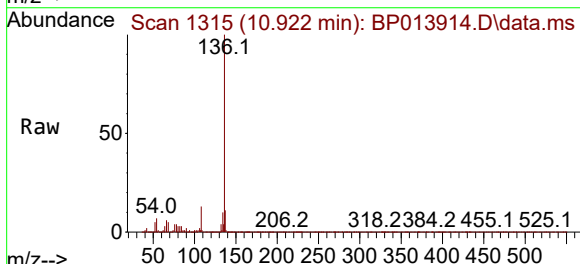
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.5	18.7
71	40.5	27.8	41.8

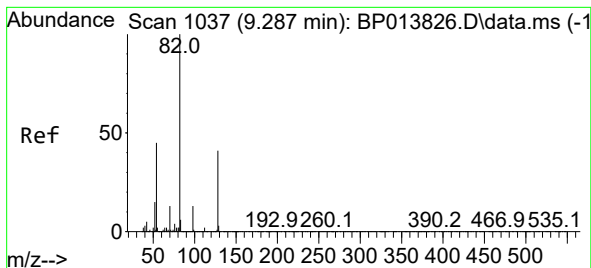


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion: 136 Resp: 391599

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.4	5.8	8.6
68	5.5	4.6	6.8

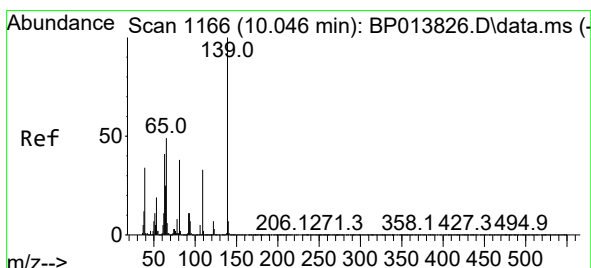
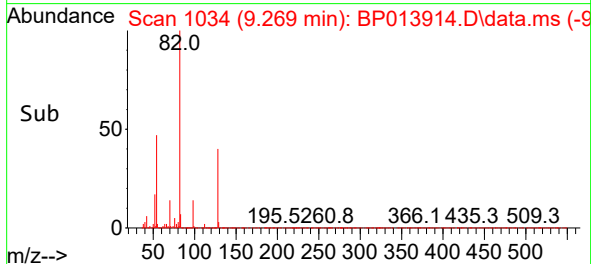
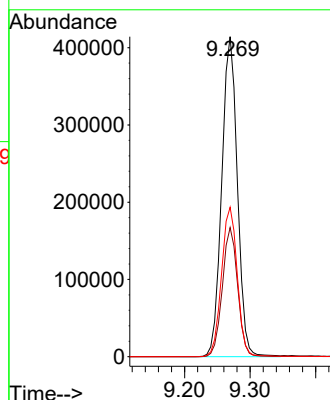
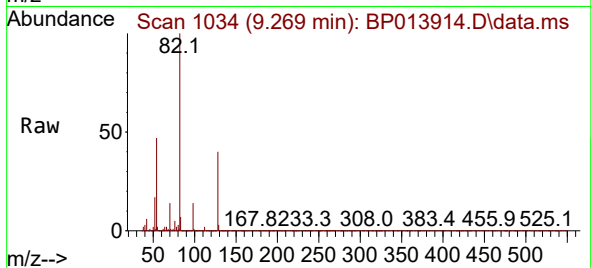




#23
Nitrobenzene-d5
Concen: 94.215 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

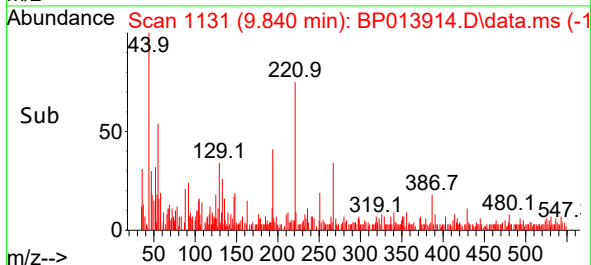
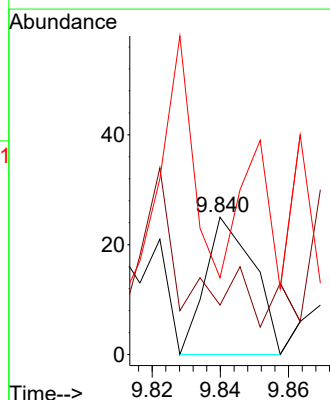
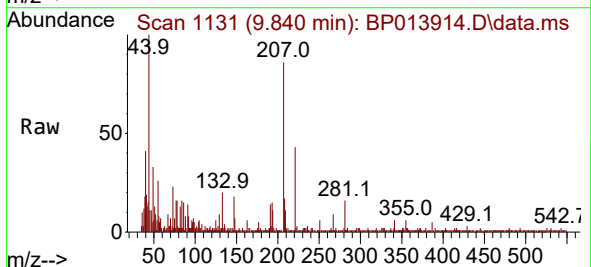
Instrument :
BNA_P
ClientSampleId :
PB151104BL

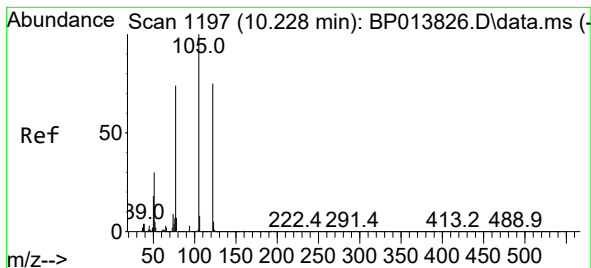
Tgt Ion: 82 Resp: 683230
Ion Ratio Lower Upper
82 100
128 40.4 32.9 49.3
54 46.7 35.6 53.4



#26
2-Nitrophenol
Concen: 2.775 ng
RT: 9.840 min Scan# 1131
Delta R.T. -0.188 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion: 139 Resp: 25
Ion Ratio Lower Upper
139 100
109 36.0 26.7 40.1
65 56.0 39.4 59.2





#32

Benzoic acid

Concen: 5.079 ng

RT: 10.187 min Scan# 1197

Delta R.T. -0.023 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

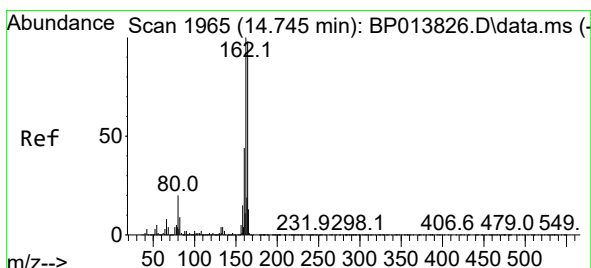
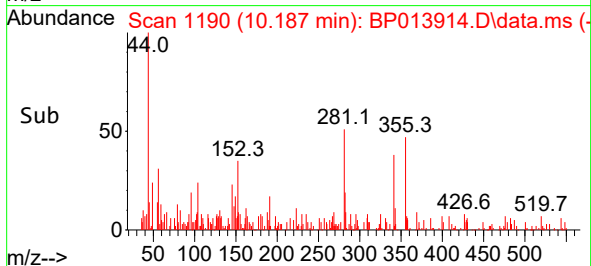
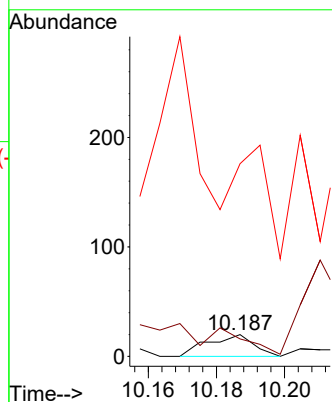
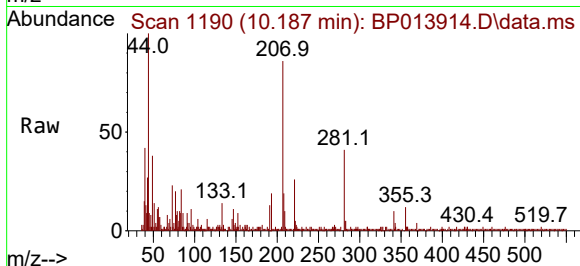
Tgt Ion:122 Resp: 19

Ion Ratio Lower Upper

122 100

105 80.0 107.4 147.4#

77 880.0 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: BP013914.D

Acq: 01 Mar 2023 11:27

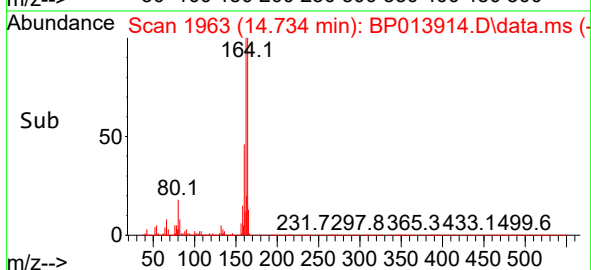
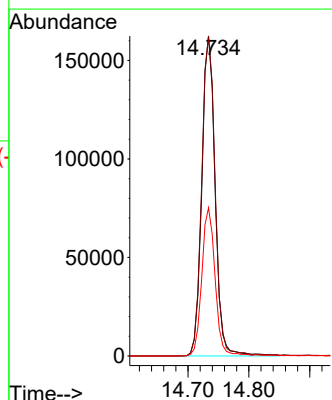
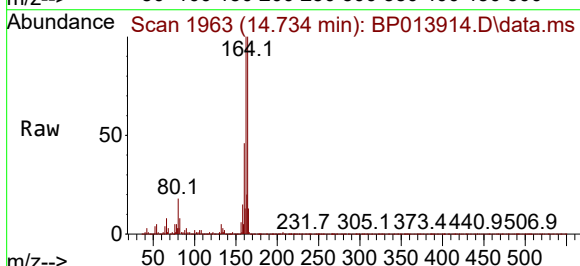
Tgt Ion:164 Resp: 246772

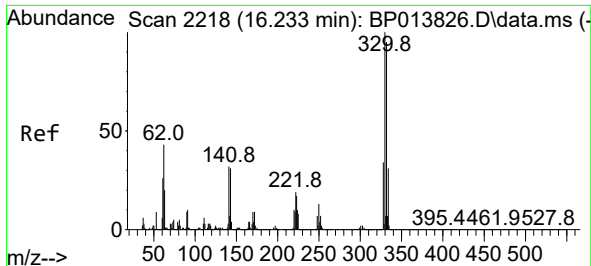
Ion Ratio Lower Upper

164 100

162 100.0 81.7 122.5

160 46.3 36.1 54.1

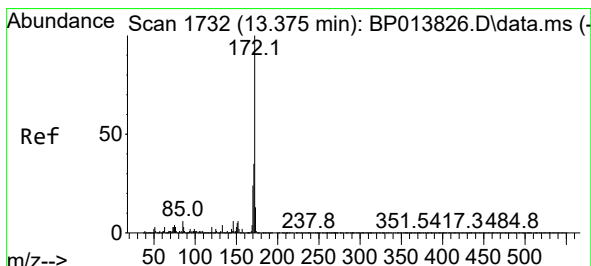
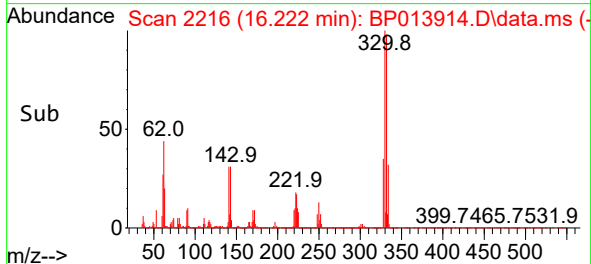
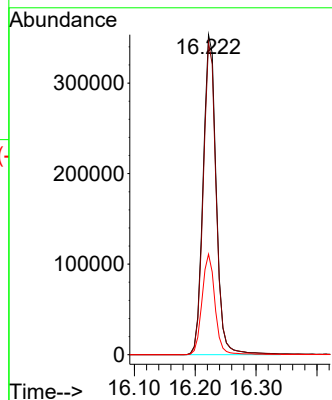
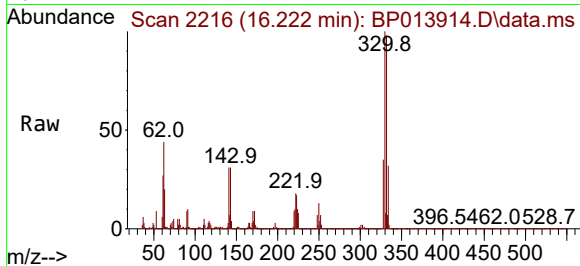




#42
2,4,6-Tribromophenol
Concen: 147.012 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

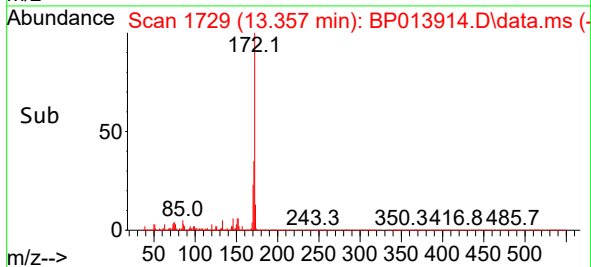
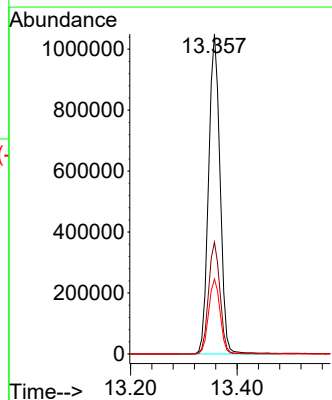
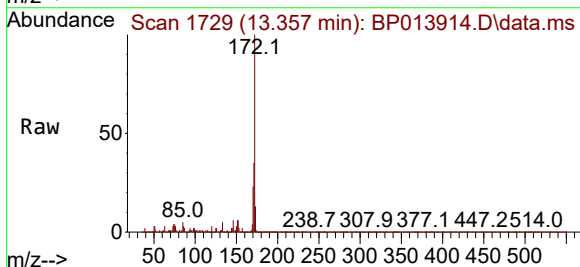
Instrument :
BNA_P
ClientSampleId :
PB151104BL

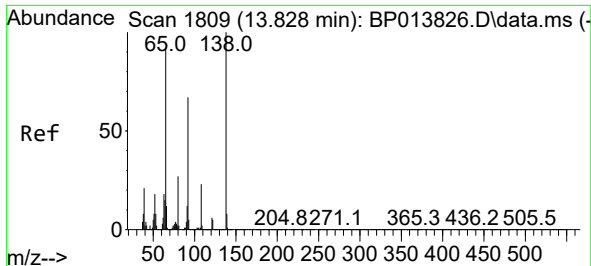
Tgt Ion:330 Resp: 528096
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 30.9 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 83.344 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion:172 Resp: 1565861
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 19.0 28.4

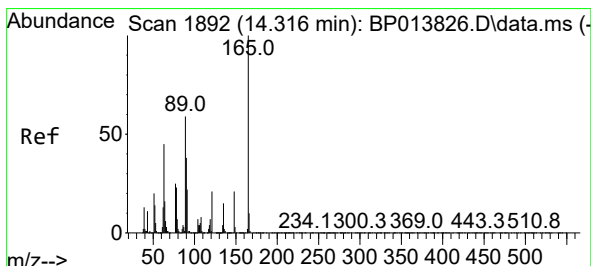
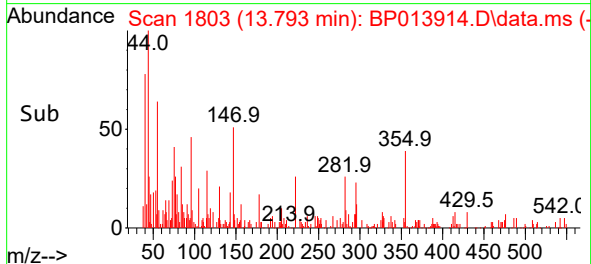
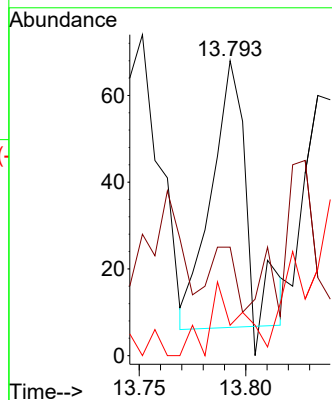
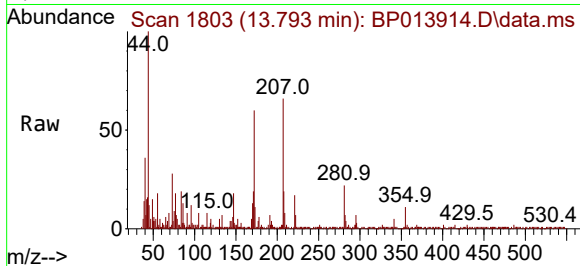




#48
2-Nitroaniline
Concen: 3.245 ng
RT: 13.793 min Scan# 1803
Delta R.T. -0.023 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

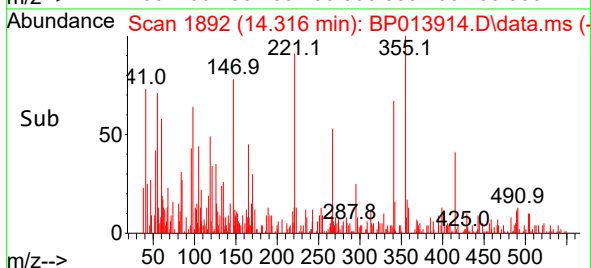
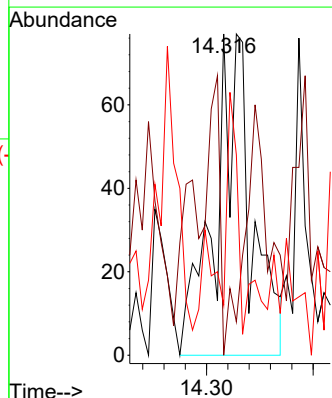
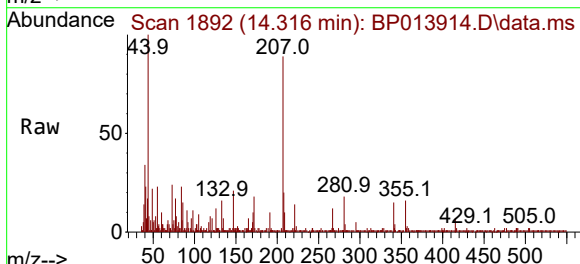
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PB151104BL

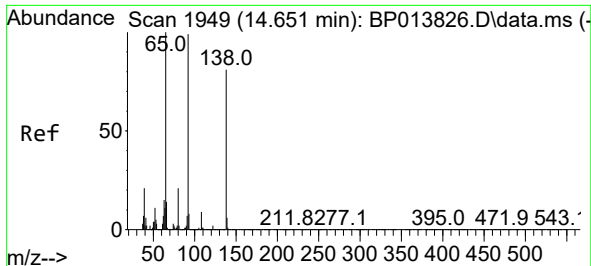
Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 28.1 58.7 88.1#
138 7.9 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.027 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion: 165 Resp: 179
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 15.6 47.1 70.7#

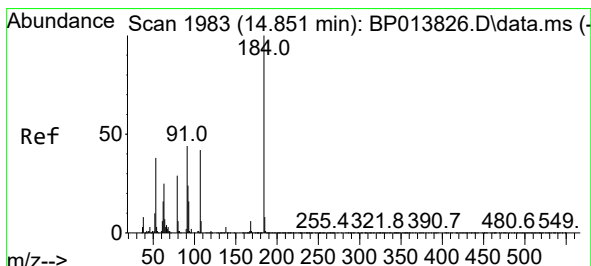
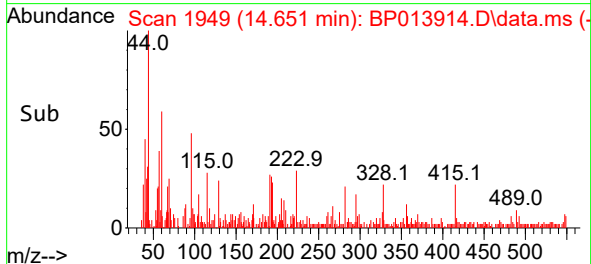
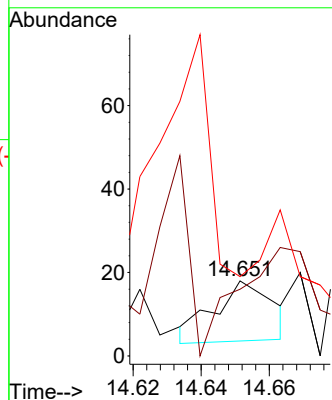
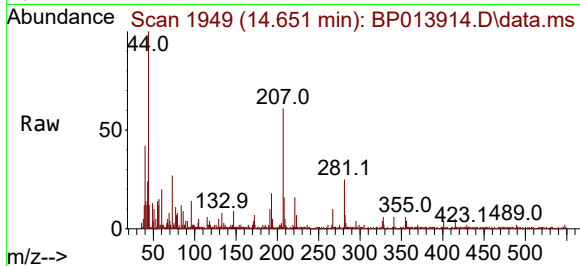




#53
3-Nitroaniline
Concen: 2.011 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.012 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

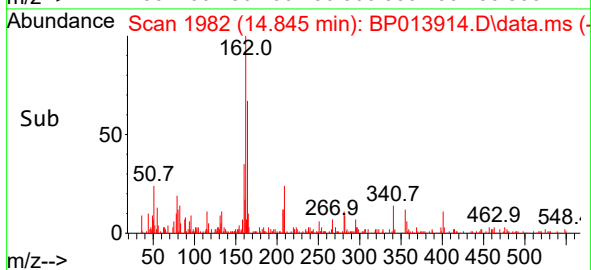
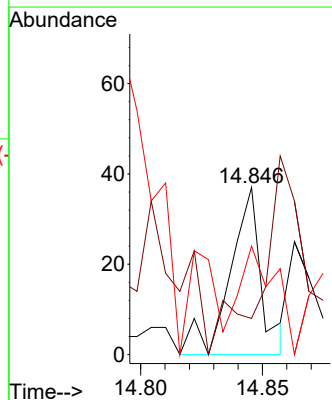
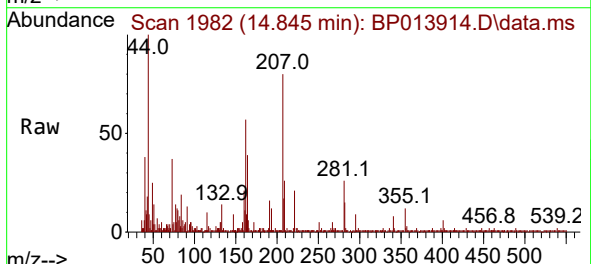
Instrument :
BNA_P
ClientSampleId :
PB151104BL

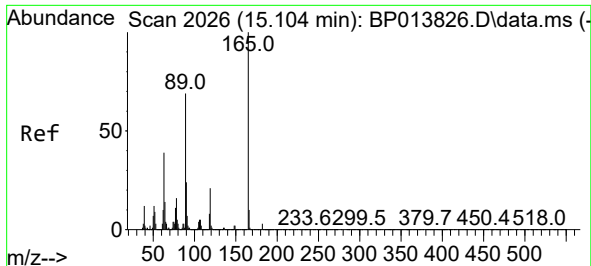
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
108 88.9 9.0 13.4#
92 105.6 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 5.273 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 21.6 47.0 70.4#
154 64.9 51.5 77.3

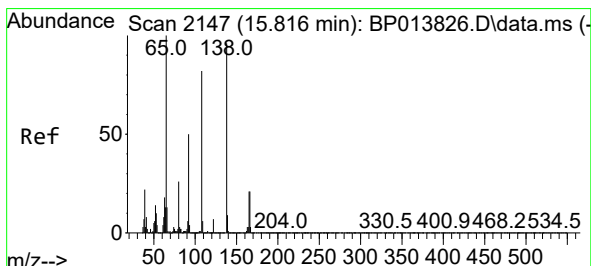
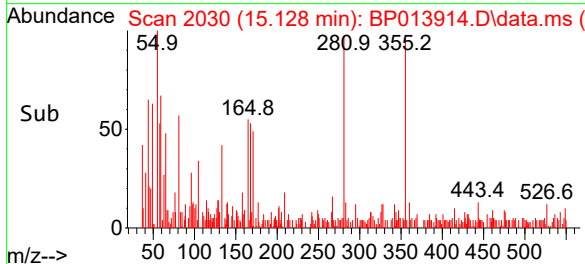
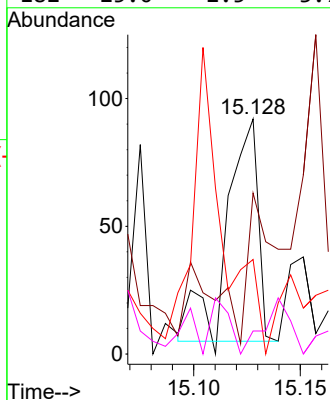
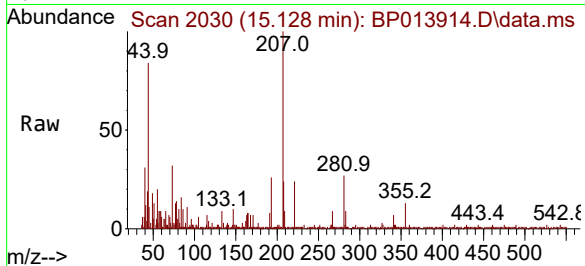




#57
2,4-Dinitrotoluene
Concen: 2.295 ng
RT: 15.128 min Scan# 2026
Delta R.T. 0.035 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

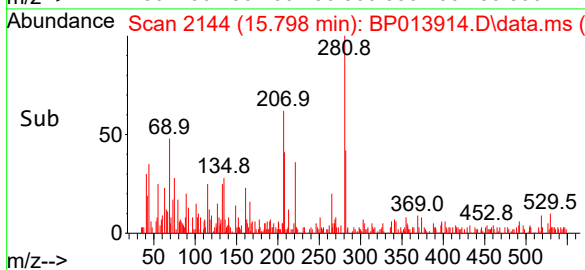
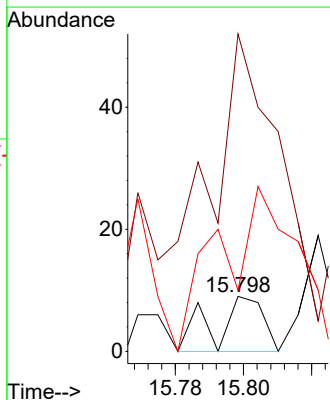
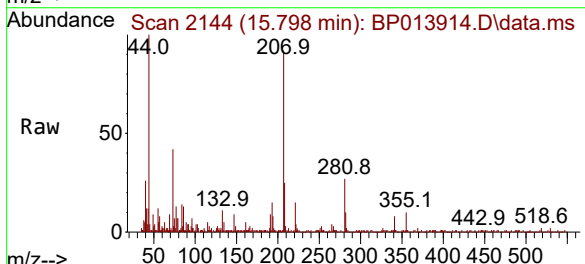
Instrument :
BNA_P
ClientSampleId :
PB151104BL

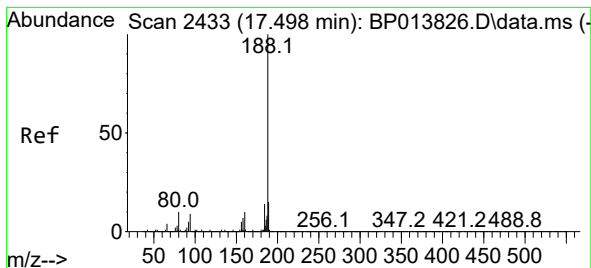
Tgt Ion:165 Resp: 89
Ion Ratio Lower Upper
165 100
63 68.5 31.1 46.7#
89 46.7 54.9 82.3#
182 25.0 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.549 ng
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
92 577.8 32.0 72.0#
108 111.1 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: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

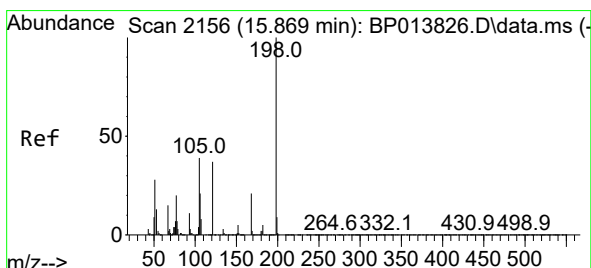
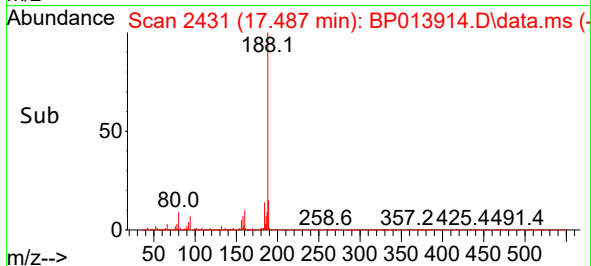
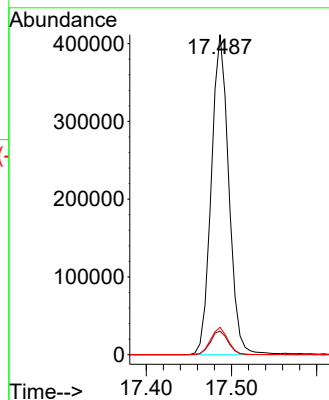
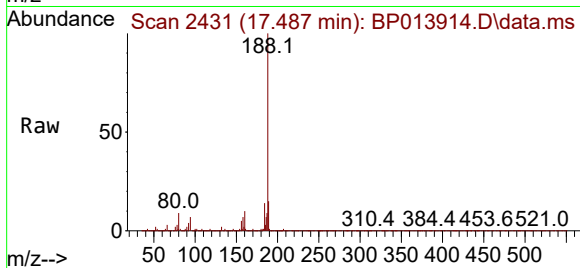
Tgt Ion:188 Resp: 585849

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.5 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.627 ng

RT: 15.828 min Scan# 2149

Delta R.T. -0.029 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

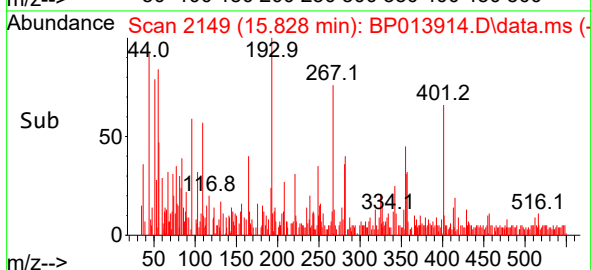
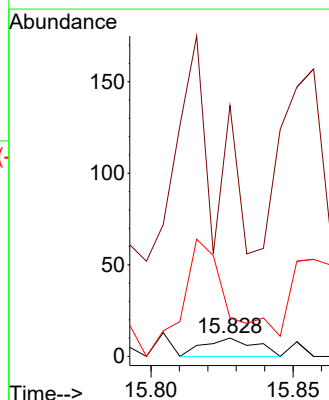
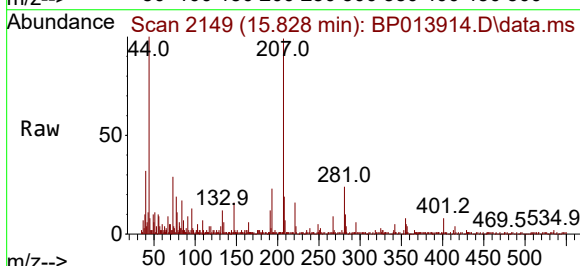
Tgt Ion:198 Resp: 13

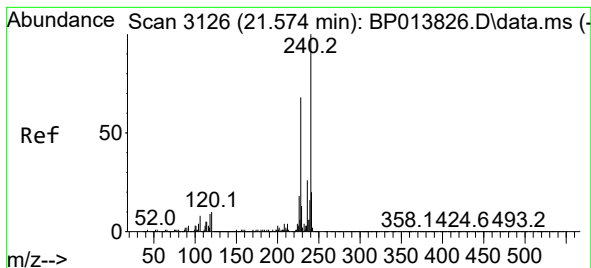
Ion Ratio Lower Upper

198 100

51 1370.0 14.3 54.3#

105 210.0 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: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

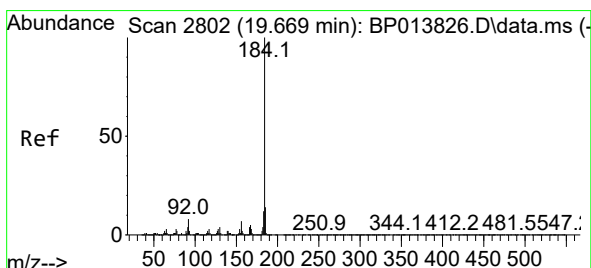
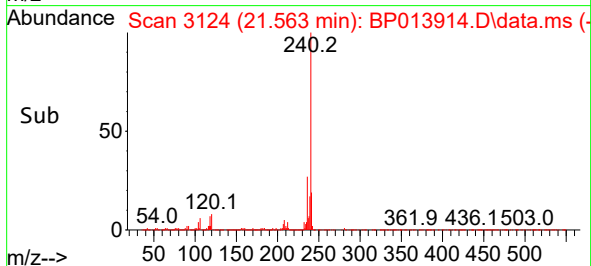
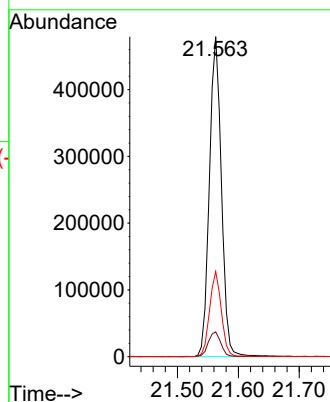
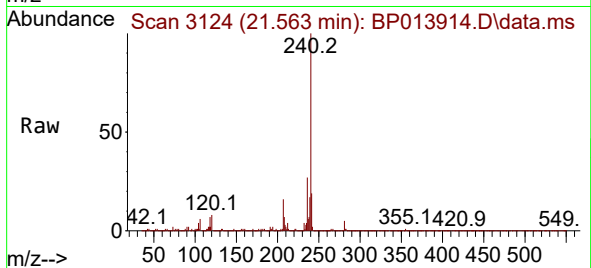
Tgt Ion:240 Resp: 657923

Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 26.6 20.9 31.3



#77

Benzidine

Concen: 2.288 ng

RT: 19.633 min Scan# 2796

Delta R.T. -0.023 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

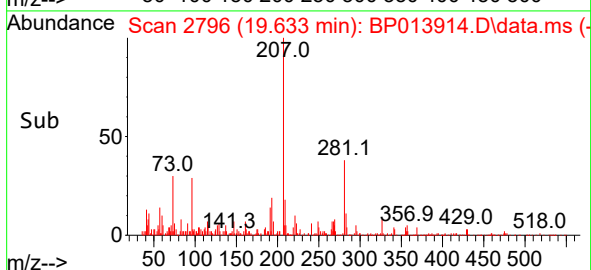
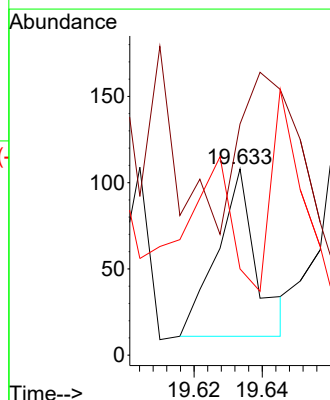
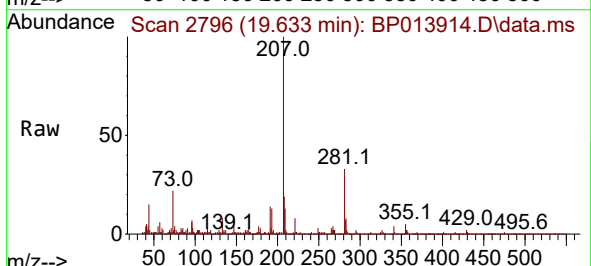
Tgt Ion:184 Resp: 78

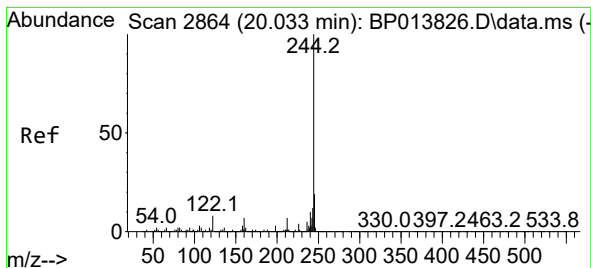
Ion Ratio Lower Upper

184 100

185 144.4 11.4 17.0#

183 46.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 88.586 ng

RT: 20.022 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

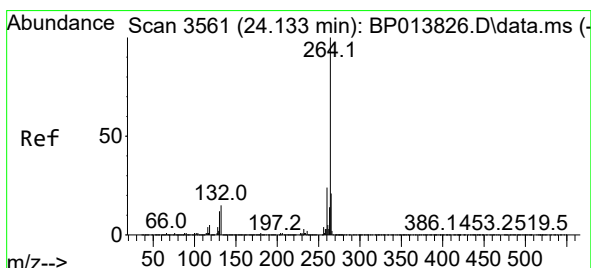
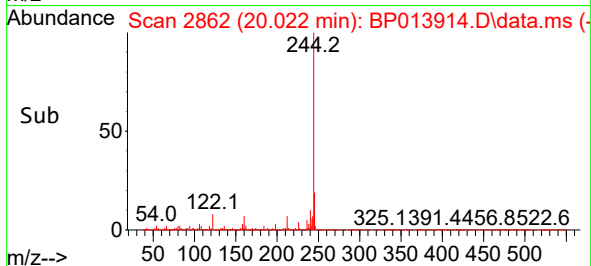
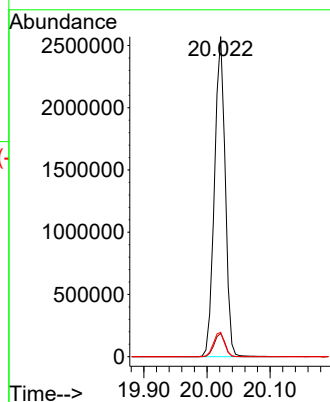
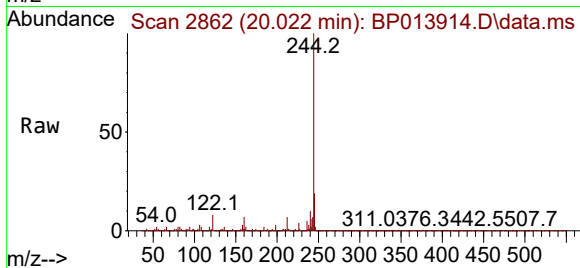
Tgt Ion:244 Resp: 3029257

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.6 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: BP013914.D

Acq: 01 Mar 2023 11:27

Tgt Ion:264 Resp: 815003

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 23.0 17.6 26.4

