

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013834.D
 Acq On : 16 Feb 2023 18:43
 Operator : CG/JU
 Sample : PB150875BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150875BL

Quant Time: Feb 17 05:10:44 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 17 01:08:52 2023
 Response via : Initial Calibration

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

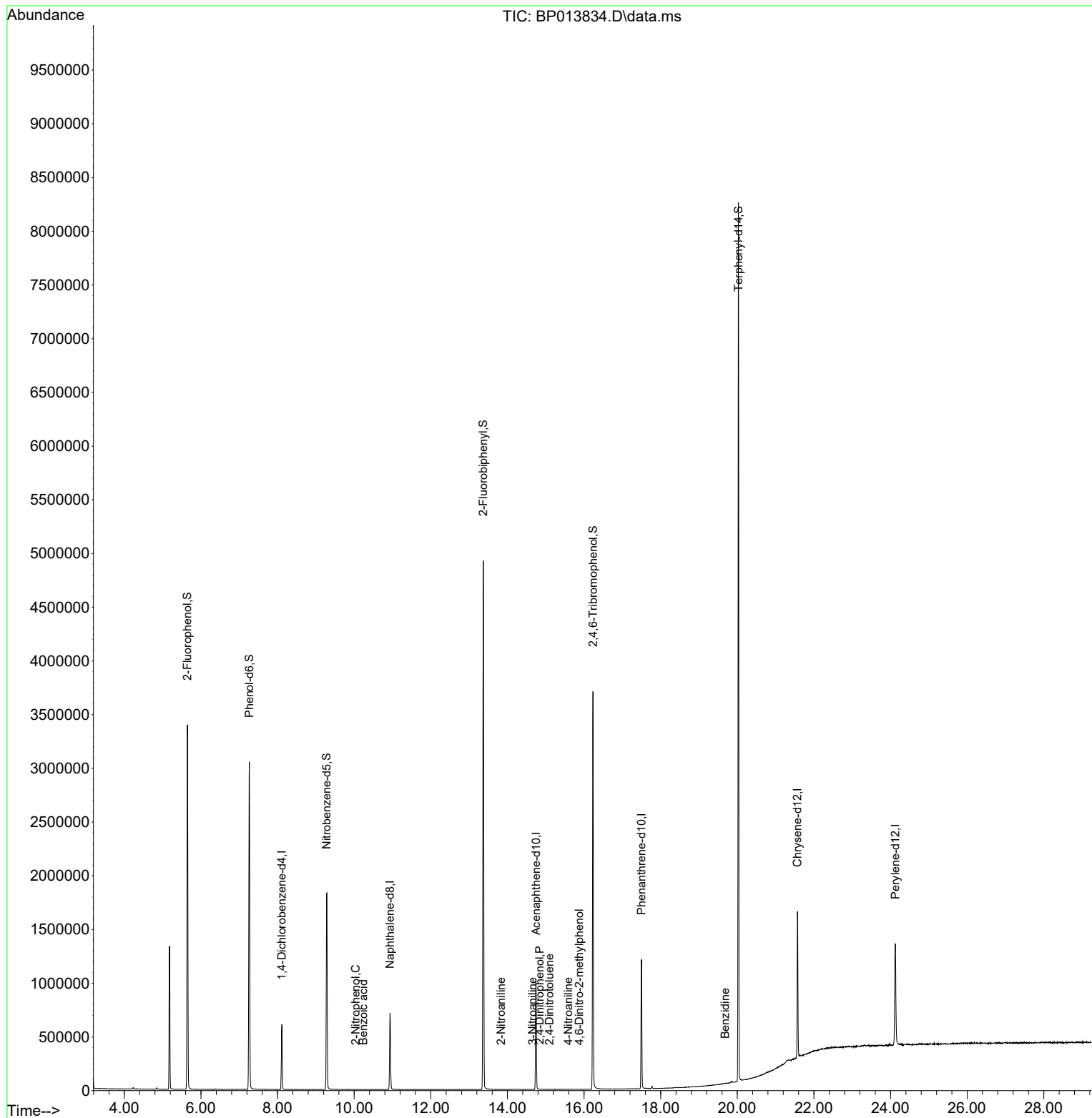
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	161391	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	600592	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	353865	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	749874	20.000	ng	0.00
76) Chrysene-d12	21.568	240	691829	20.000	ng	0.00
86) Perylene-d12	24.121	264	776304	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1484374	151.583	ng	0.00
7) Phenol-d6	7.263	99	1827532	145.719	ng	0.00
23) Nitrobenzene-d5	9.281	82	1118463	100.562	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	714163	138.643	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2600620	96.529	ng	0.00
79) Terphenyl-d14	20.027	244	3853194	107.158	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.040	139	32	2.774	ng	# 51
32) Benzoic acid	10.234	122	40	5.080	ng	# 1
48) 2-Nitroaniline	13.834	65	31	3.235	ng	# 51
53) 3-Nitroaniline	14.651	138	18	2.010	ng	# 76
54) 2,4-Dinitrophenol	14.839	184	6	5.263	ng	# 29
57) 2,4-Dinitrotoluene	15.092	165	101	2.292	ng	# 56
62) 4-Nitroaniline	15.586	138	19	2.550	ng	90
65) 4,6-Dinitro-2-methylph...	15.875	198	3	4.624	ng	# 1
77) Benzidine	19.680	184	2646	2.461	ng	97

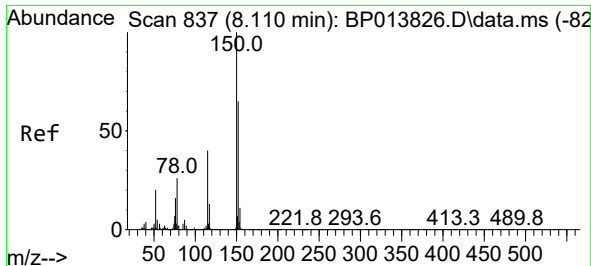
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
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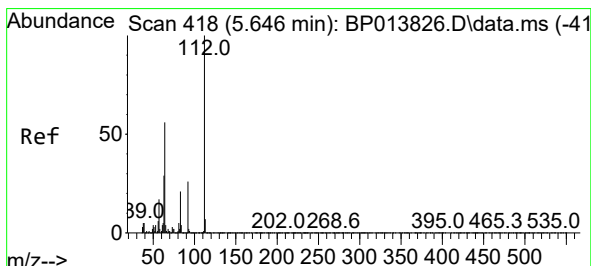
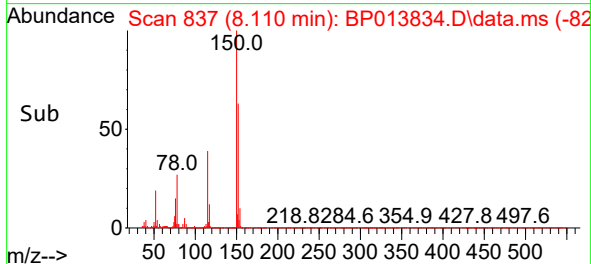
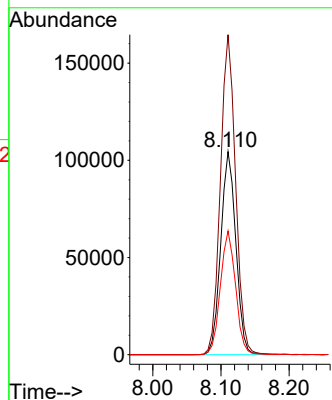
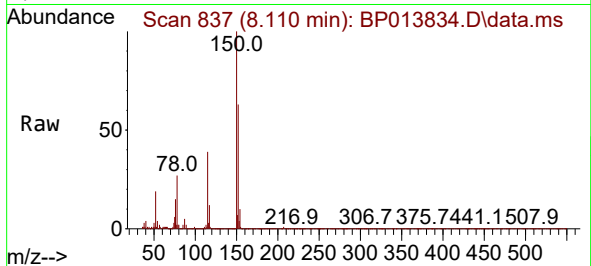




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

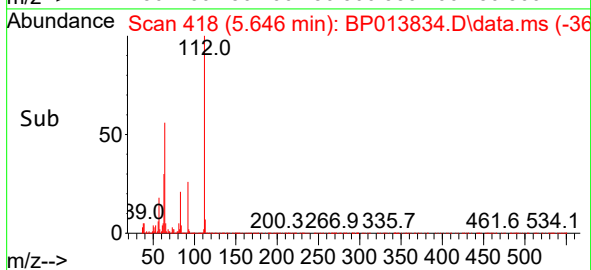
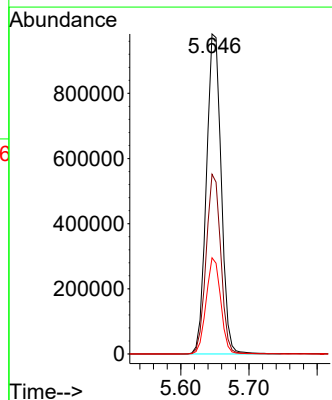
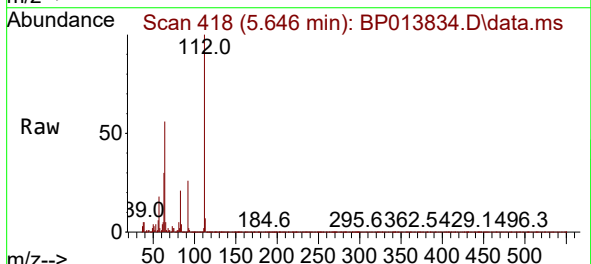
Instrument :
BNA_P
ClientSampleId :
PB150875BL

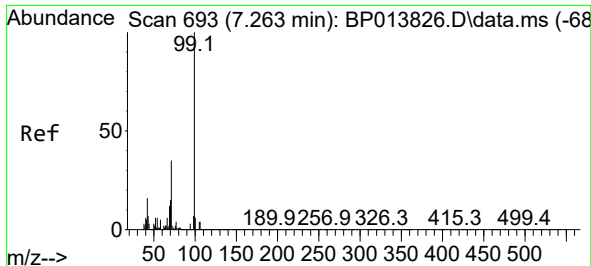
Tgt Ion:152 Resp: 161391
Ion Ratio Lower Upper
152 100
150 157.6 122.8 184.2
115 60.9 49.0 73.6



#5
2-Fluorophenol
Concen: 151.583 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:112 Resp: 1484374
Ion Ratio Lower Upper
112 100
64 56.1 44.6 66.8
63 30.1 23.6 35.4



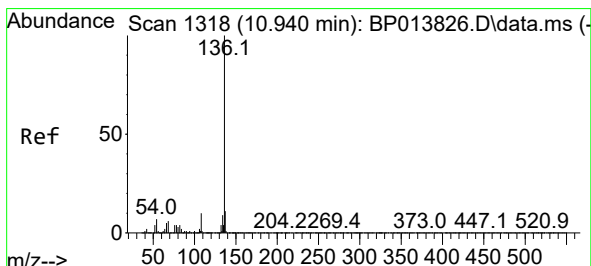
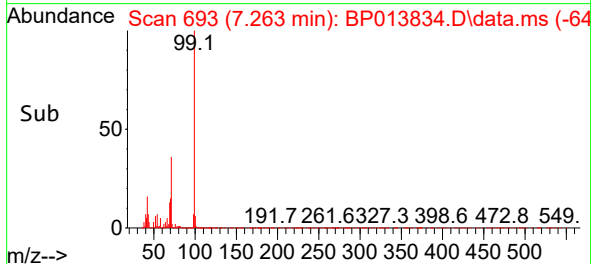
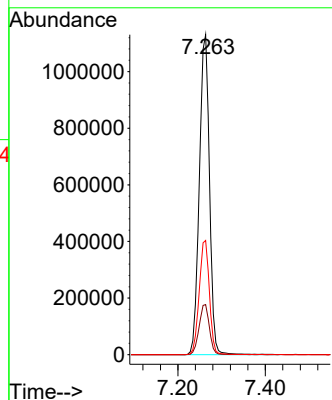
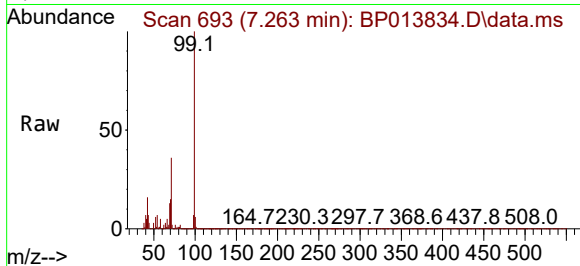


#7
Phenol-d6
Concen: 145.719 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Instrument :
BNA_P
ClientSampleId :
PB150875BL

Tgt Ion: 99 Resp: 1827532

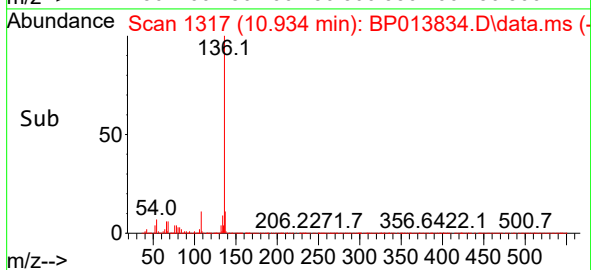
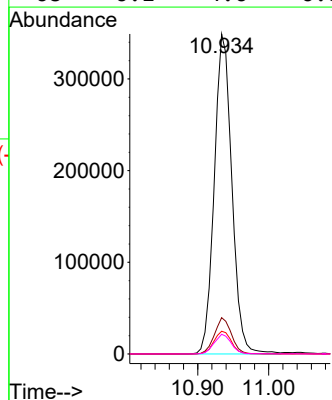
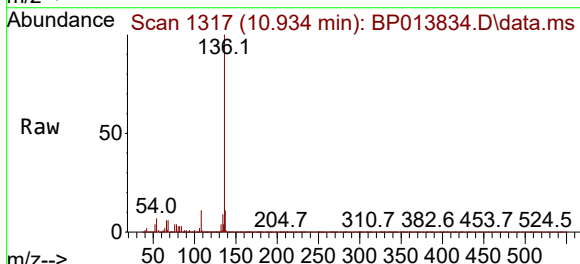
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	35.7	27.8	41.8

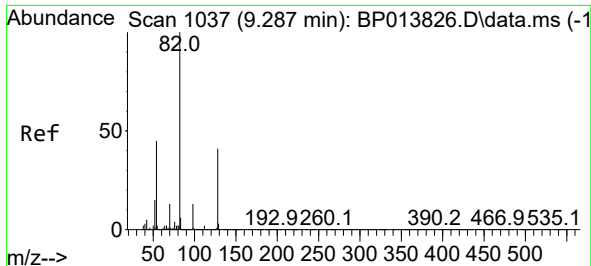


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion: 136 Resp: 600592

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.1	5.8	8.6
68	6.1	4.6	6.8

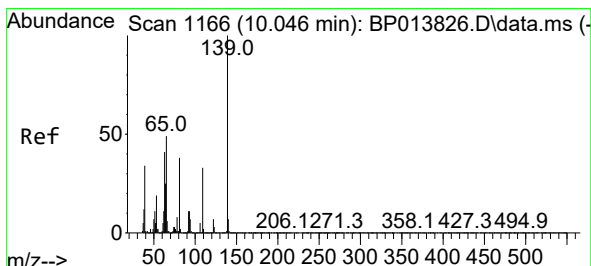
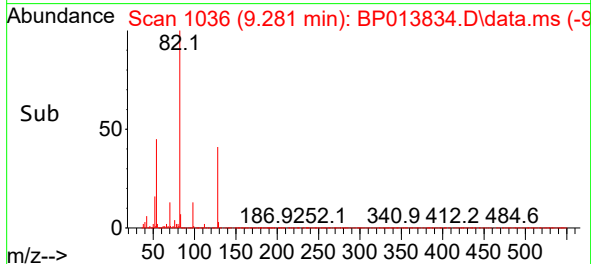
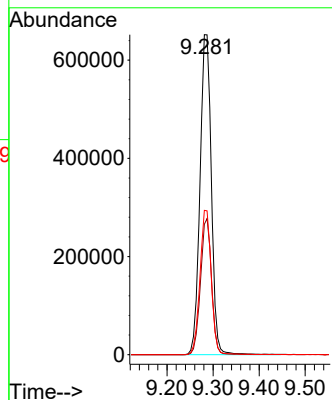
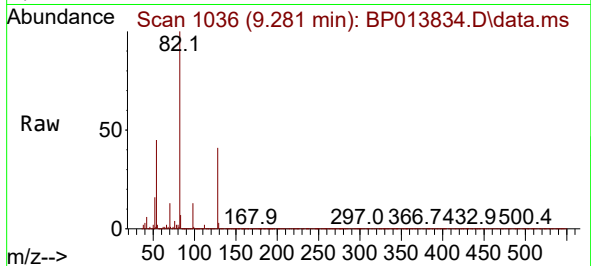




#23
Nitrobenzene-d5
Concen: 100.562 ng
RT: 9.281 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

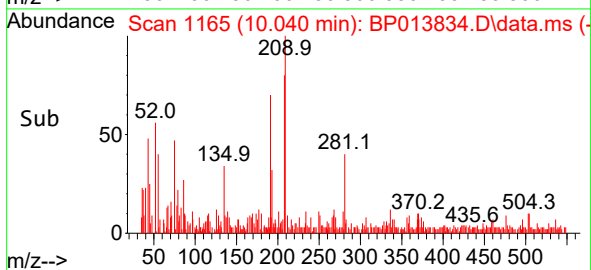
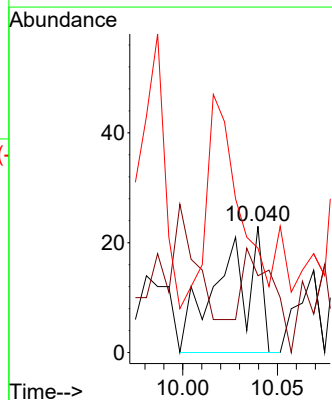
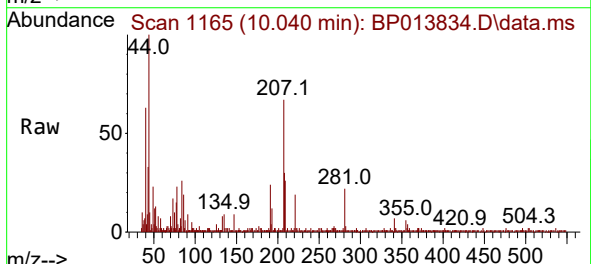
Instrument :
BNA_P
ClientSampleId :
PB150875BL

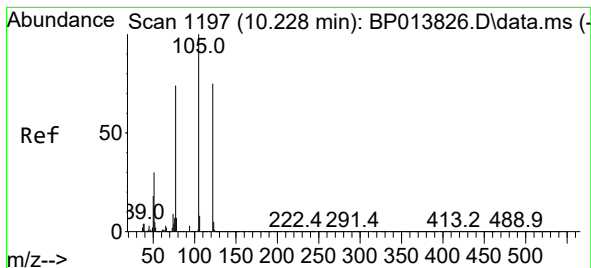
Tgt Ion: 82 Resp: 1118463
Ion Ratio Lower Upper
82 100
128 40.7 32.9 49.3
54 45.1 35.6 53.4



#26
2-Nitrophenol
Concen: 2.774 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:139 Resp: 32
Ion Ratio Lower Upper
139 100
109 60.9 26.7 40.1#
65 82.6 39.4 59.2#





#32

Benzoic acid

Concen: 5.080 ng

RT: 10.234 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BP013834.D

Acq: 16 Feb 2023 18:43

Instrument :

BNA_P

ClientSampleId :

PB150875BL

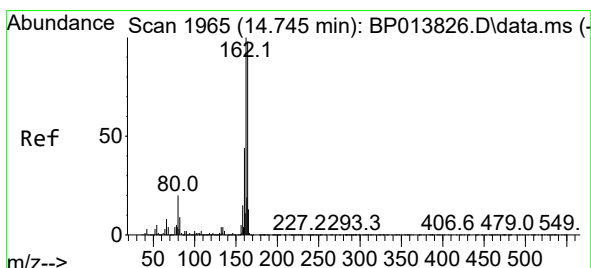
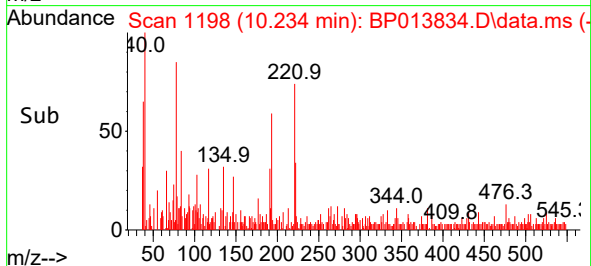
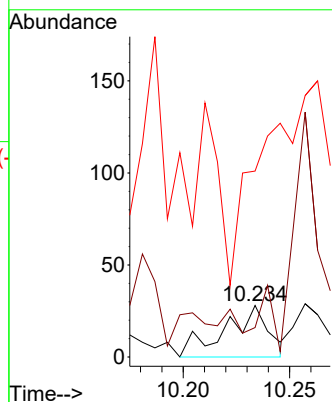
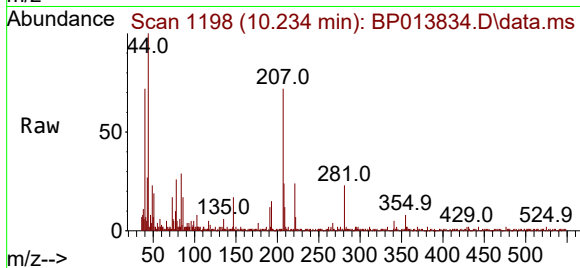
Tgt Ion:122 Resp: 40

Ion Ratio Lower Upper

122 100

105 57.1 107.4 147.4#

77 360.7 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BP013834.D

Acq: 16 Feb 2023 18:43

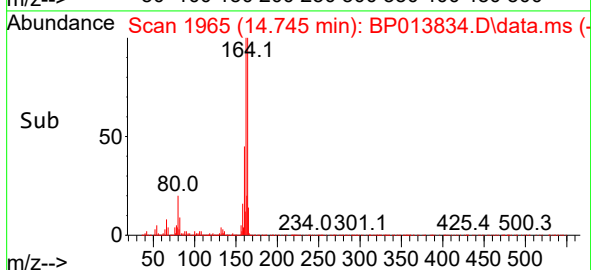
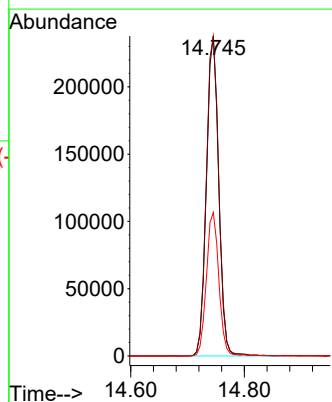
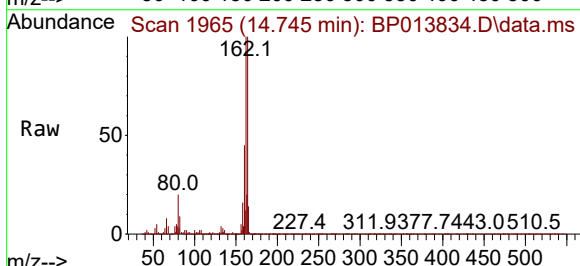
Tgt Ion:164 Resp: 353865

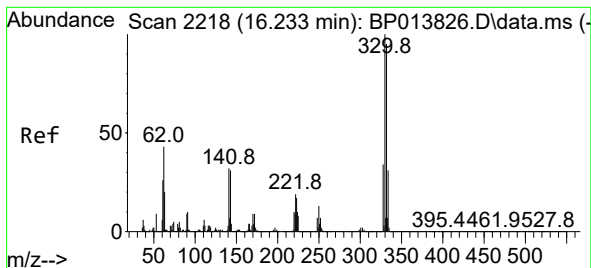
Ion Ratio Lower Upper

164 100

162 99.8 81.7 122.5

160 44.9 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 138.643 ng

RT: 16.233 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BP013834.D

Acq: 16 Feb 2023 18:43

Instrument :

BNA_P

ClientSampleId :

PB150875BL

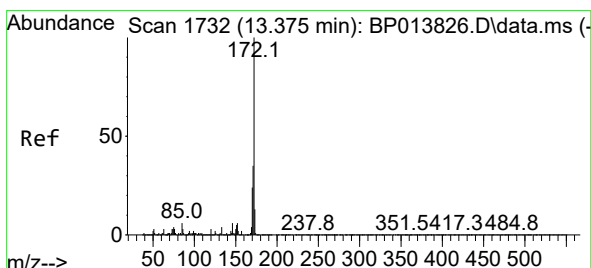
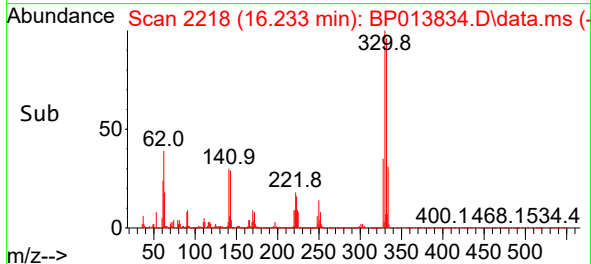
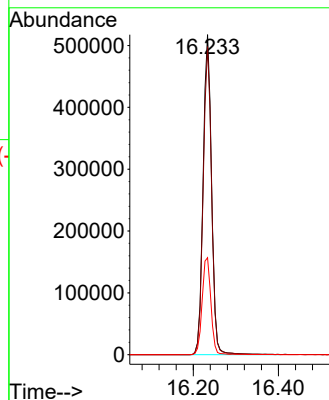
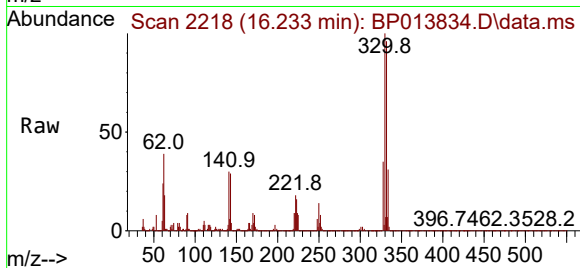
Tgt Ion:330 Resp: 714163

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 31.5 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 96.529 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013834.D

Acq: 16 Feb 2023 18:43

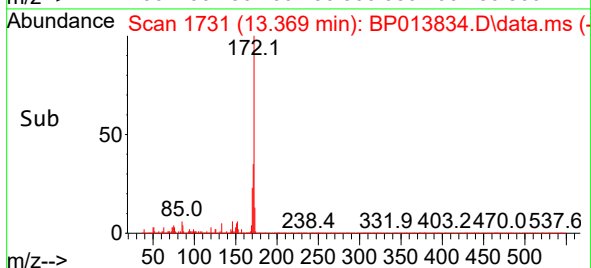
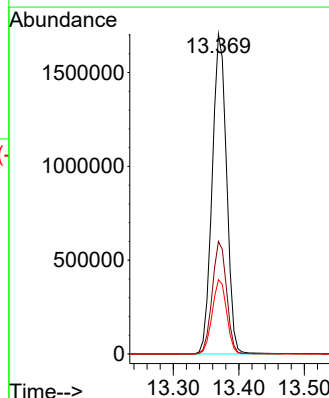
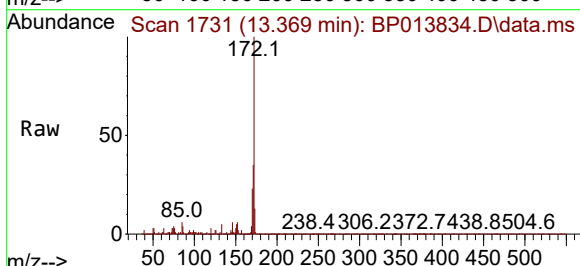
Tgt Ion:172 Resp: 2600620

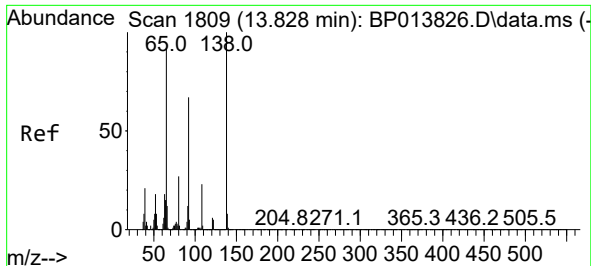
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 19.0 28.4

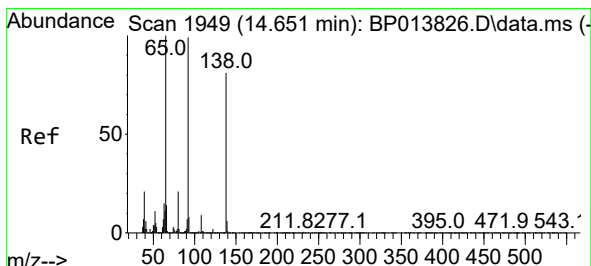
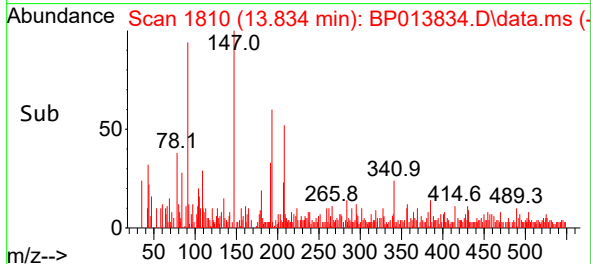
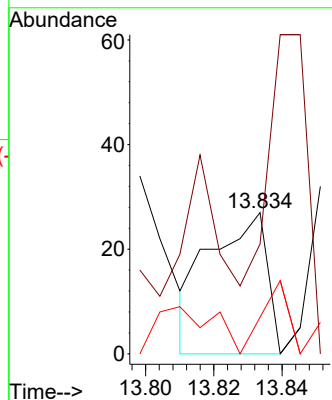
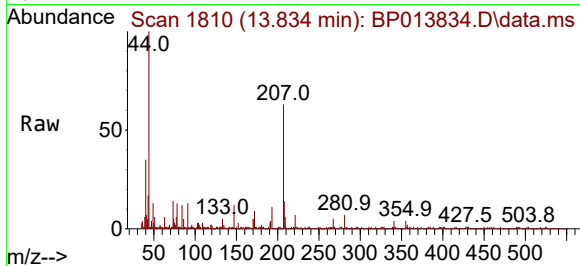




#48
2-Nitroaniline
Concen: 3.235 ng
RT: 13.834 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

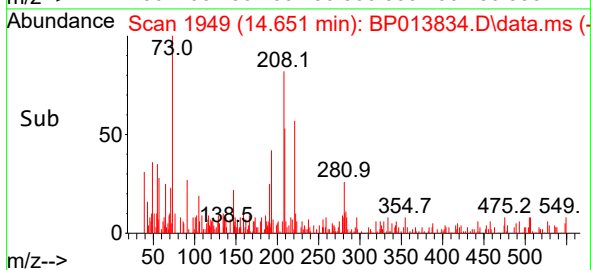
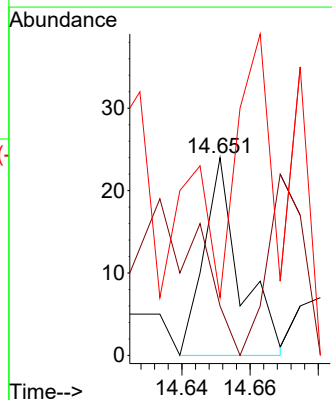
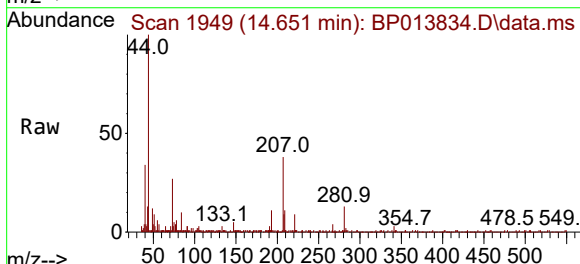
Instrument :
BNA_P
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PB150875BL

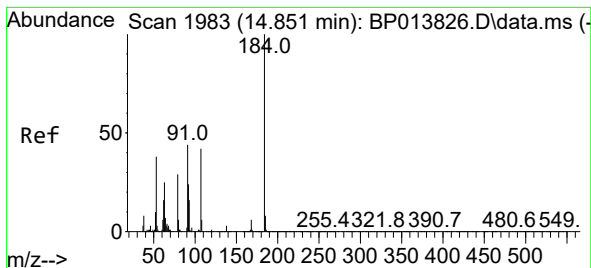
Tgt Ion: 65 Resp: 31
Ion Ratio Lower Upper
65 100
92 77.8 58.7 88.1
138 25.9 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion: 138 Resp: 18
Ion Ratio Lower Upper
138 100
108 25.0 9.0 13.4#
92 95.8 97.1 145.7#

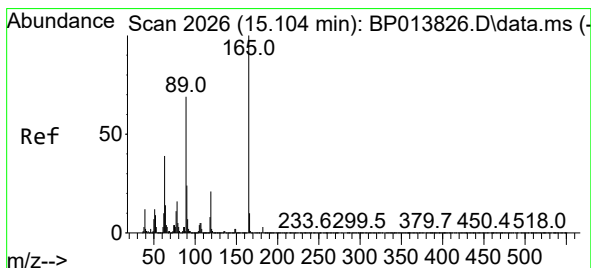
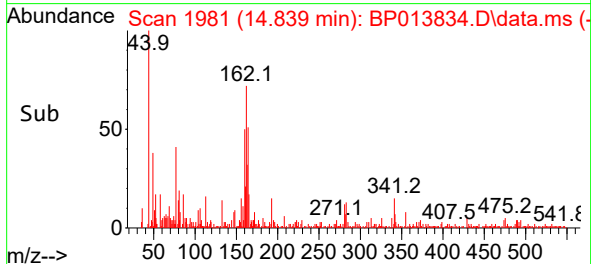
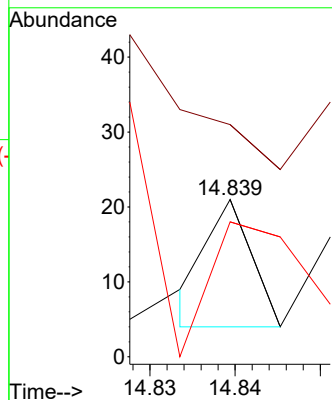
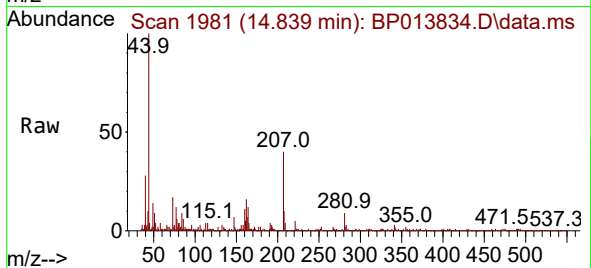




#54
2,4-Dinitrophenol
Concen: 5.263 ng
RT: 14.839 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

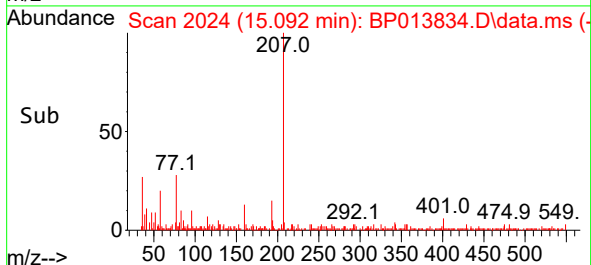
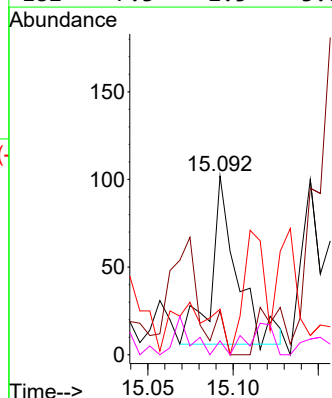
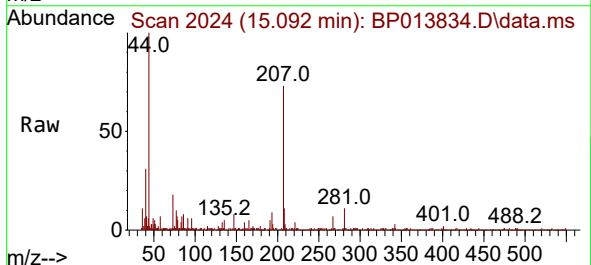
Instrument :
BNA_P
ClientSampleId :
PB150875BL

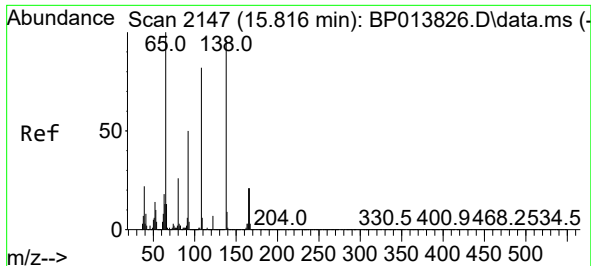
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 147.6 47.0 70.4#
154 85.7 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.292 ng
RT: 15.092 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:165 Resp: 101
Ion Ratio Lower Upper
165 100
63 22.7 31.1 46.7#
89 23.6 54.9 82.3#
182 7.3 2.5 3.7#

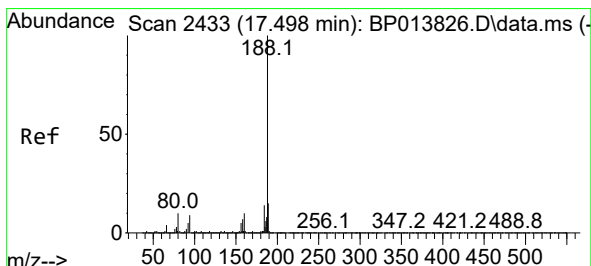
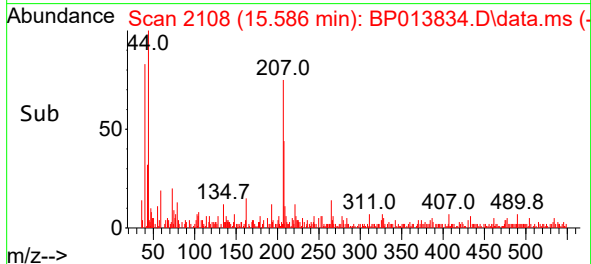
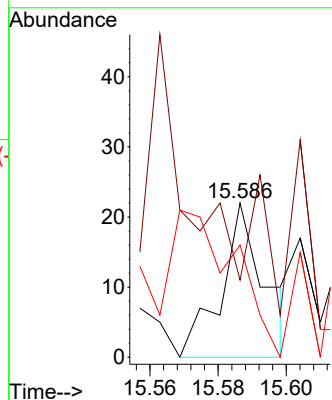
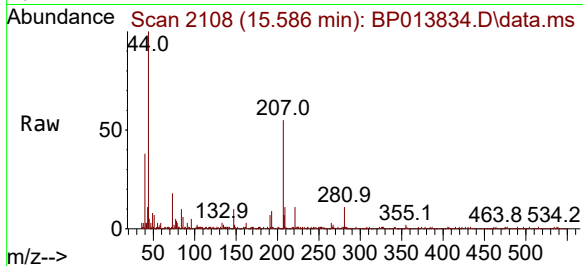




#62
4-Nitroaniline
Concen: 2.550 ng
RT: 15.586 min Scan# 2147
Delta R.T. -0.230 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

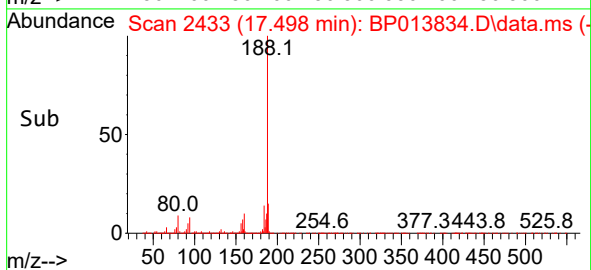
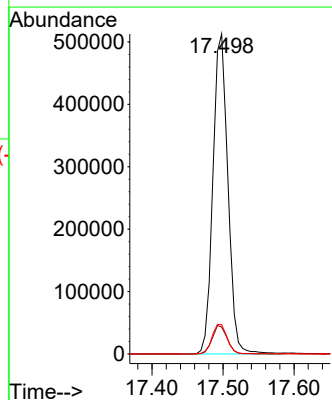
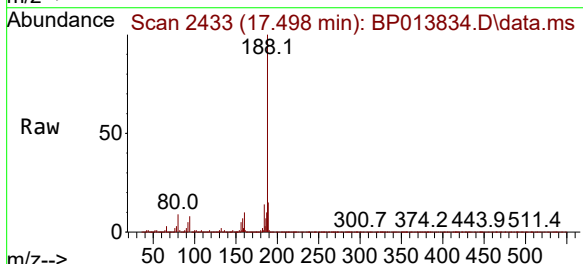
Instrument :
BNA_P
ClientSampleId :
PB150875BL

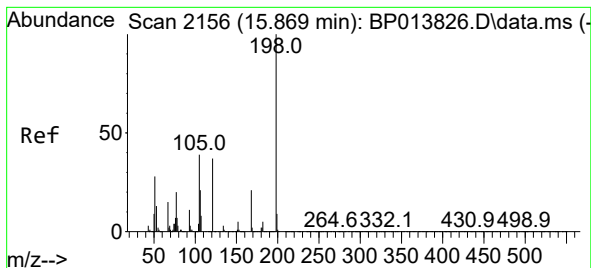
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 50.0 32.0 72.0
108 72.7 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:188 Resp: 749874
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.1 7.8 11.8

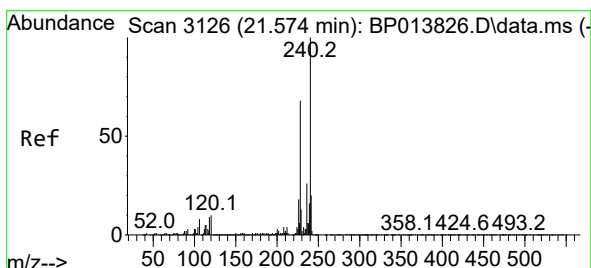
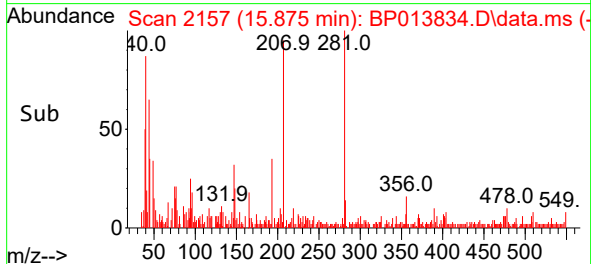
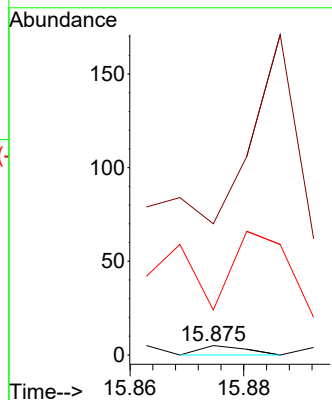
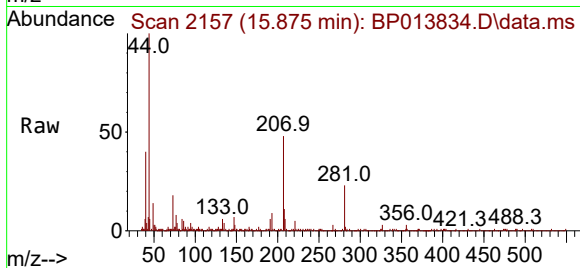




#65
4,6-Dinitro-2-methylphenol
Concen: 4.624 ng
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

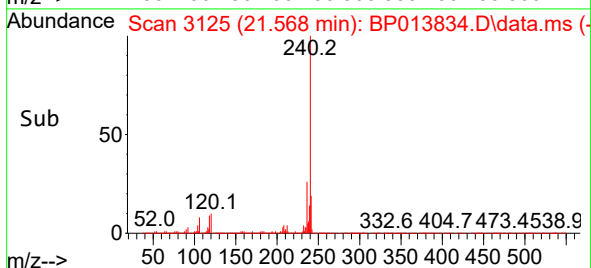
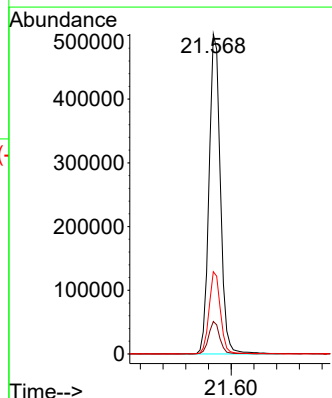
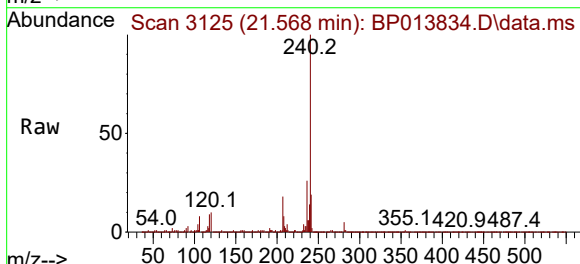
Instrument :
BNA_P
ClientSampleId :
PB150875BL

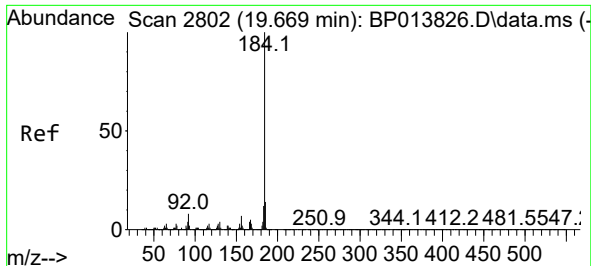
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 1400.0 14.3 54.3#
105 920.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:240 Resp: 691829
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 25.7 20.9 31.3

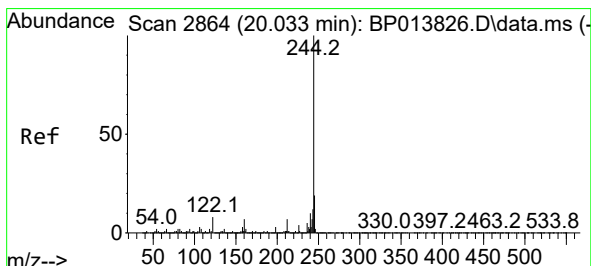
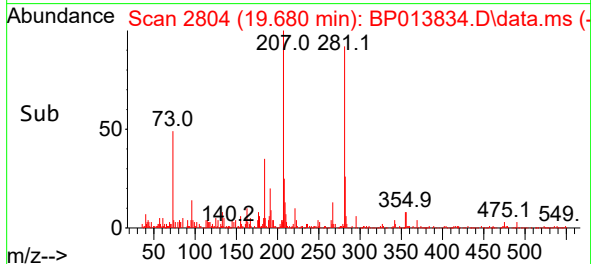
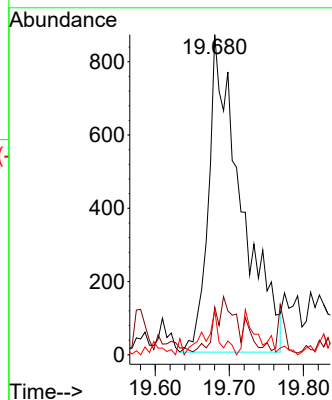
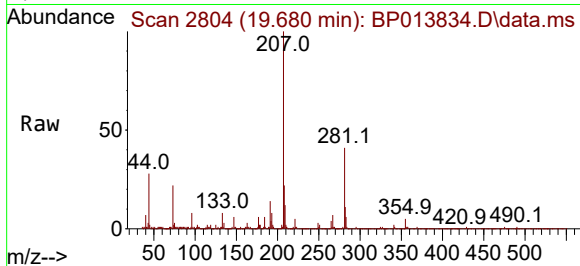




#77
Benzidine
Concen: 2.461 ng
RT: 19.680 min Scan# 2804
Delta R.T. 0.011 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

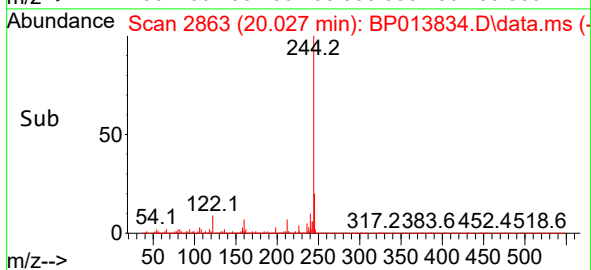
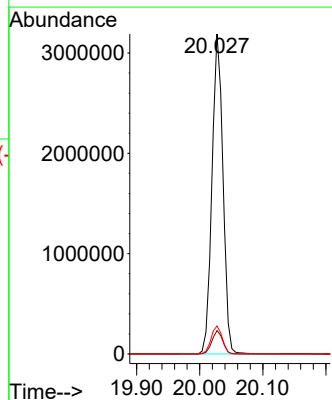
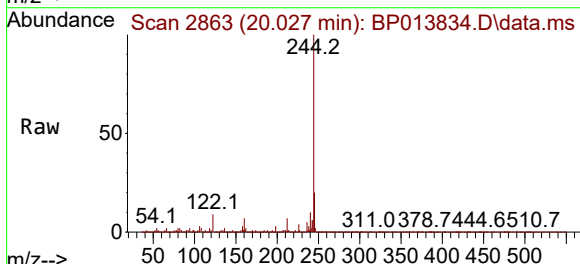
Instrument :
BNA_P
ClientSampleId :
PB150875BL

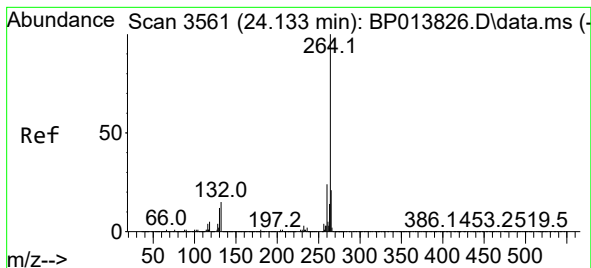
Tgt Ion:184 Resp: 2646
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 13.8 9.6 14.4



#79
Terphenyl-d14
Concen: 107.158 ng
RT: 20.027 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BP013834.D
Acq: 16 Feb 2023 18:43

Tgt Ion:244 Resp: 3853194
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.7 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.121 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013834.D

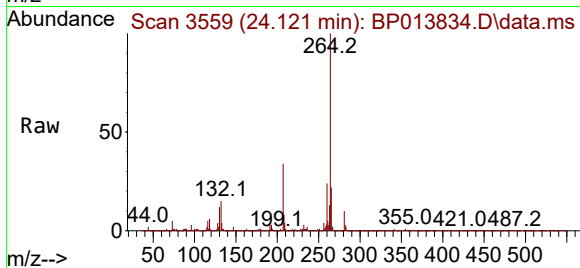
Acq: 16 Feb 2023 18:43

Instrument :

BNA_P

ClientSampleId :

PB150875BL



Tgt Ion:264 Resp: 776304

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.9 17.6 26.4

