

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013841.D
 Acq On : 17 Feb 2023 12:39
 Operator : CG/JU
 Sample : PB150830BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150830BL

Quant Time: Feb 17 22:01:55 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 18:05:40 2023
 Response via : Initial Calibration

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

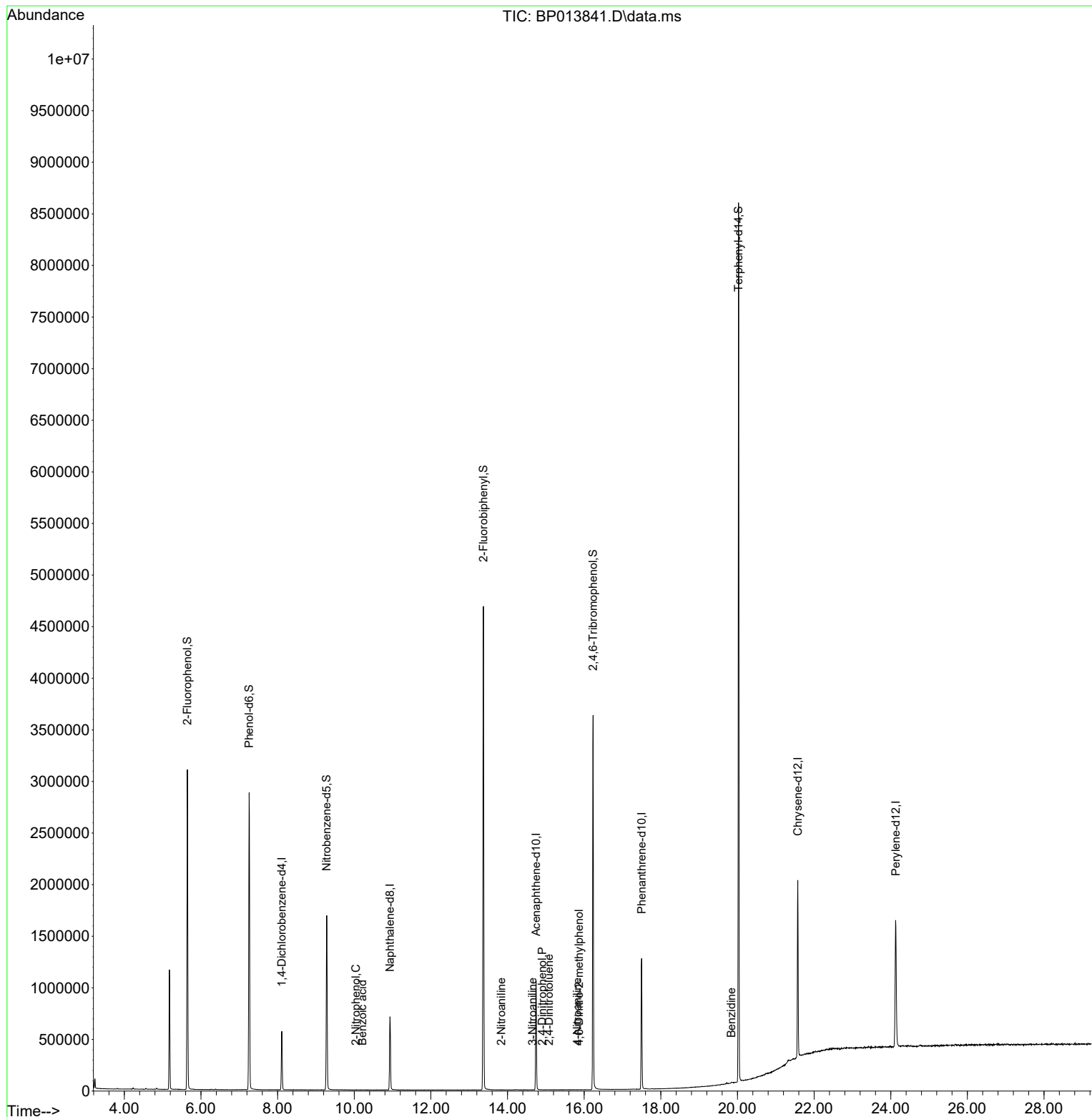
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	156525	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	602977	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	371248	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	801258	20.000	ng	0.00
76) Chrysene-d12	21.575	240	864514	20.000	ng	0.00
86) Perylene-d12	24.127	264	990094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1302286	137.122	ng	0.00
7) Phenol-d6	7.258	99	1689681	138.915	ng	0.00
23) Nitrobenzene-d5	9.281	82	1008583	90.324	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	693867	128.395	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2411009	85.301	ng	0.00
79) Terphenyl-d14	20.028	244	4165321	92.700	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.046	139	7	2.770	ng	# 1
32) Benzoic acid	10.210	122	25	5.078	ng	# 1
48) 2-Nitroaniline	13.840	65	27	3.234	ng	# 62
53) 3-Nitroaniline	14.651	138	9	2.009	ng	# 1
54) 2,4-Dinitrophenol	14.904	184	25	5.267	ng	# 89
57) 2,4-Dinitrotoluene	15.081	165	49	2.286	ng	# 56
62) 4-Nitroaniline	15.822	138	8	2.548	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	17	4.627	ng	# 1
77) Benzidine	19.839	184	167	2.292	ng	# 97

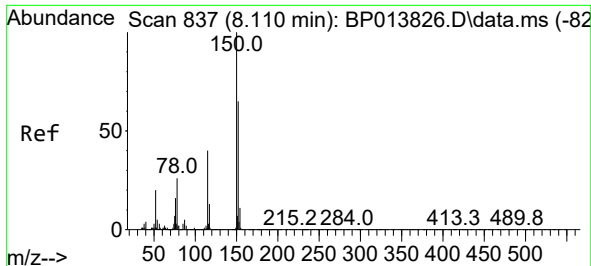
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
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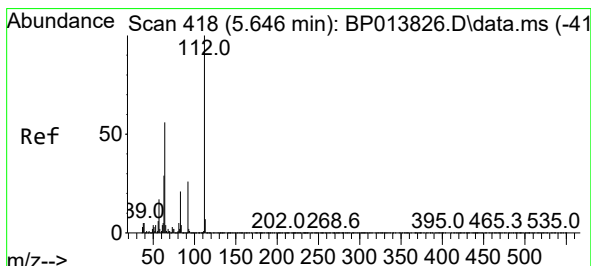
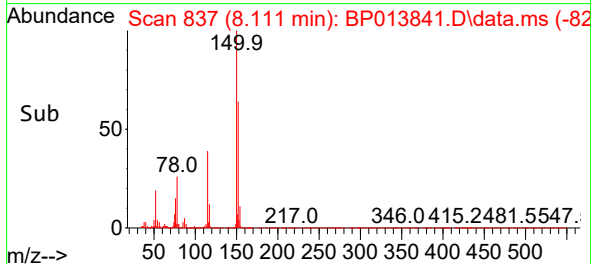
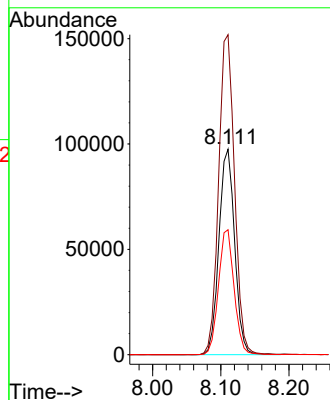
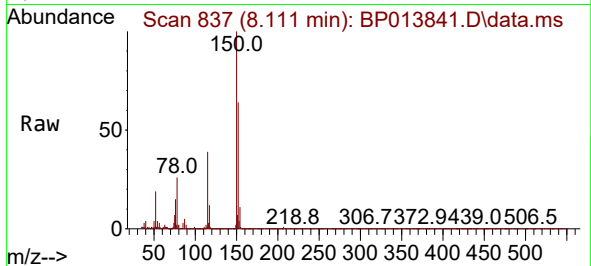




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

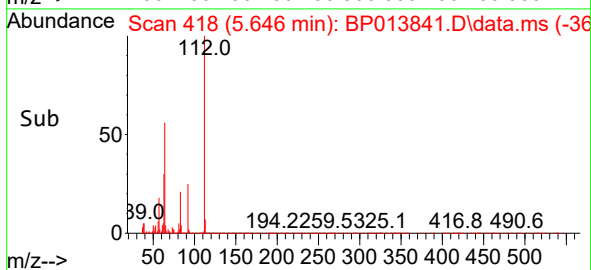
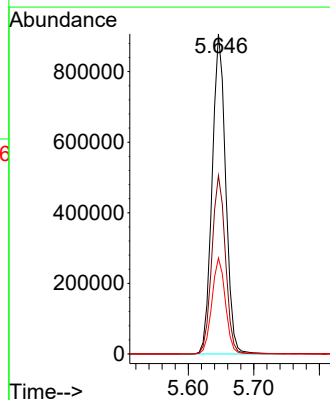
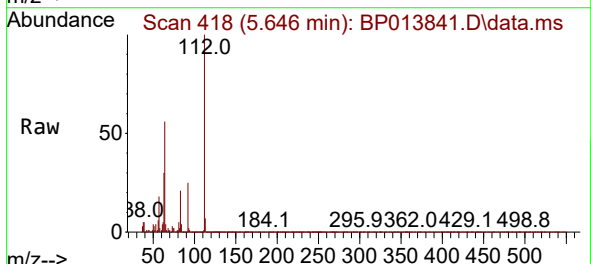
Instrument :
BNA_P
ClientSampleId :
PB150830BL

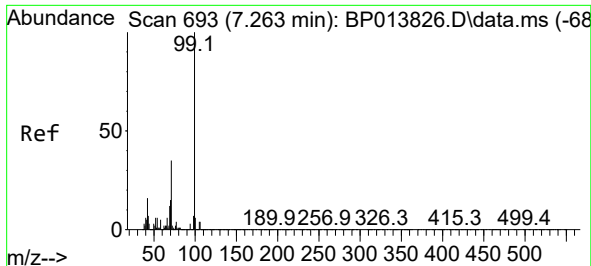
Tgt Ion:152 Resp: 156525
Ion Ratio Lower Upper
152 100
150 155.8 122.8 184.2
115 60.8 49.0 73.6



#5
2-Fluorophenol
Concen: 137.122 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:112 Resp: 1302286
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 30.0 23.6 35.4



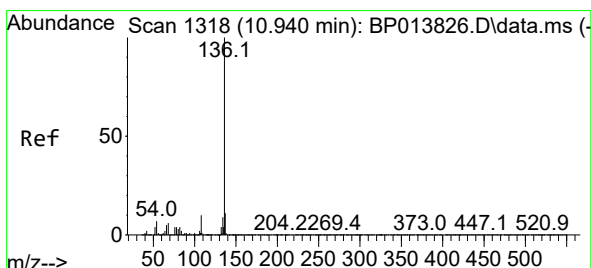
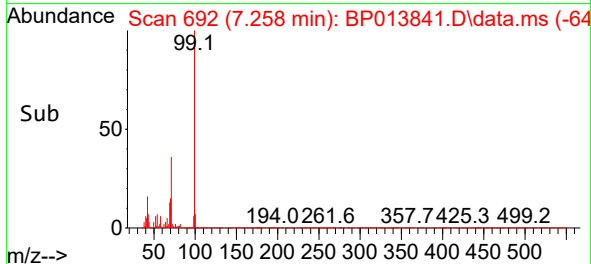
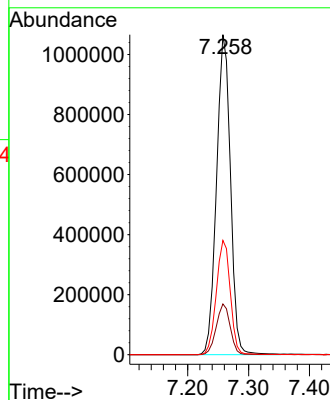
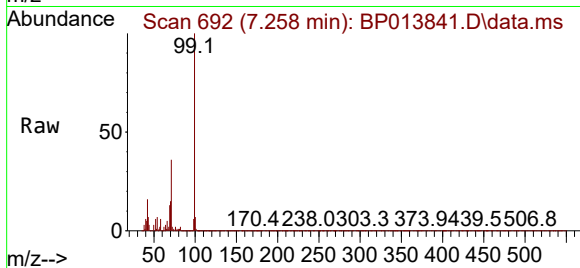


#7
Phenol-d6
Concen: 138.915 ng
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Instrument :
BNA_P
ClientSampleId :
PB150830BL

Tgt Ion: 99 Resp: 1689681

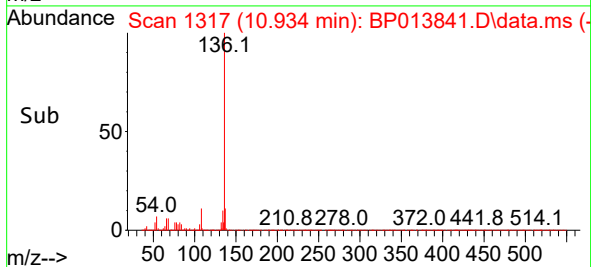
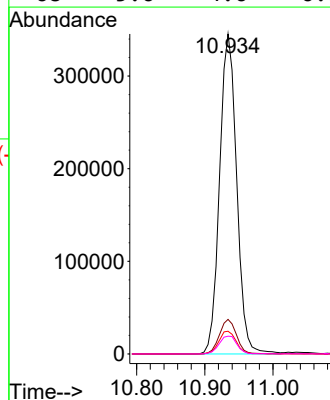
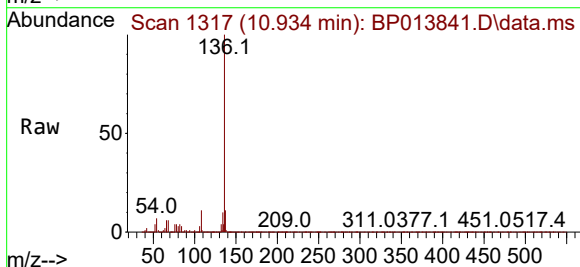
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	35.7	27.8	41.8

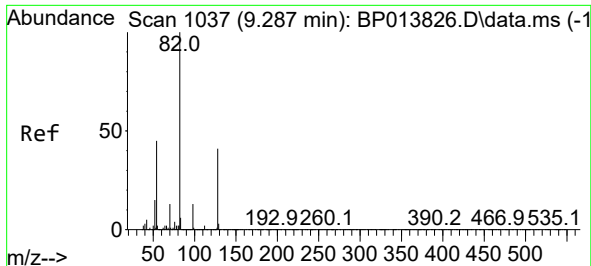


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion: 136 Resp: 602977

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	5.8	8.6
68	5.6	4.6	6.8

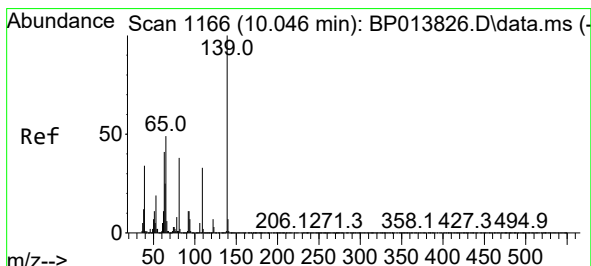
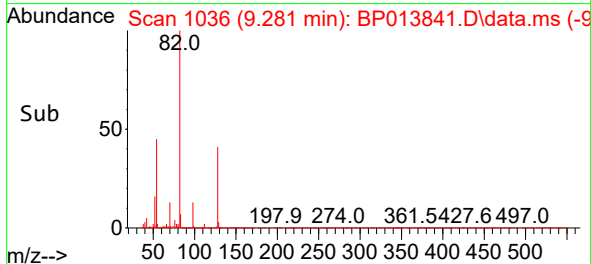
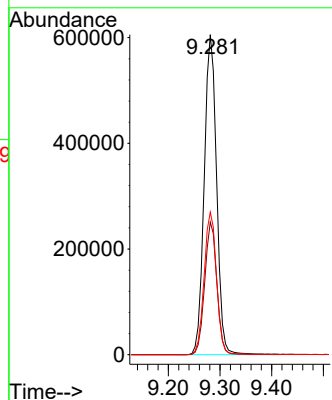
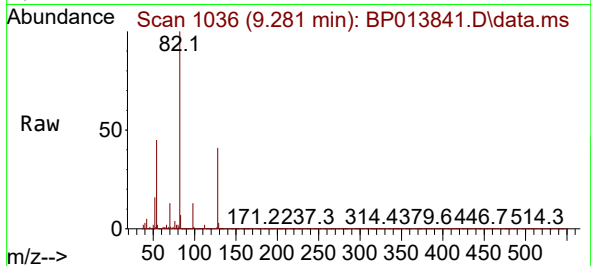




#23
Nitrobenzene-d5
Concen: 90.324 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

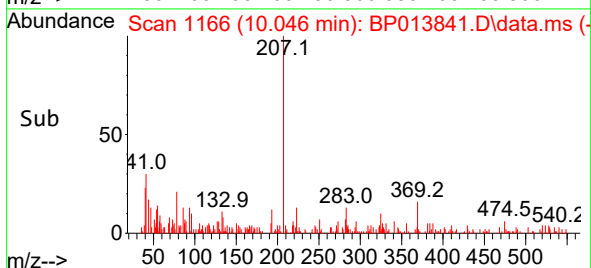
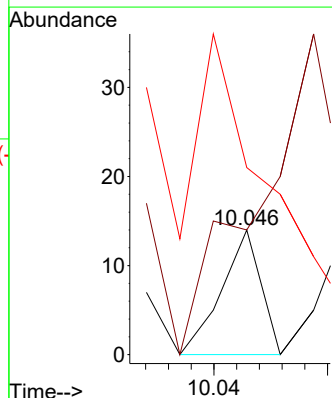
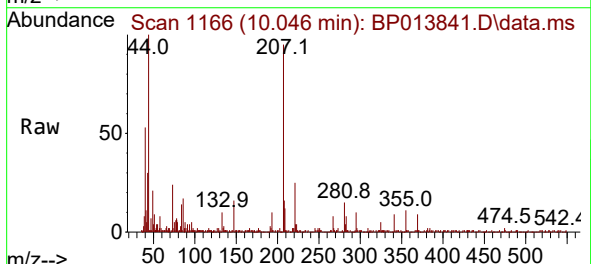
Instrument :
BNA_P
ClientSampleId :
PB150830BL

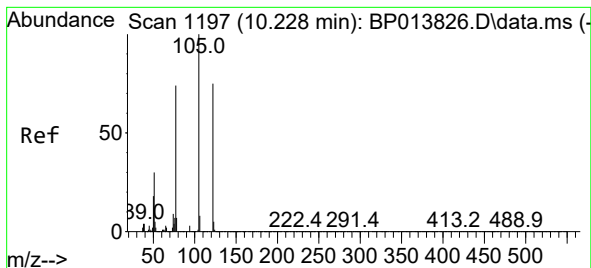
Tgt Ion: 82 Resp: 1008583
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 44.6 35.6 53.4



#26
2-Nitrophenol
Concen: 2.770 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 100.0 26.7 40.1#
65 150.0 39.4 59.2#

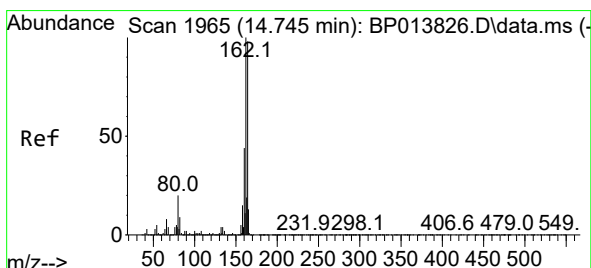
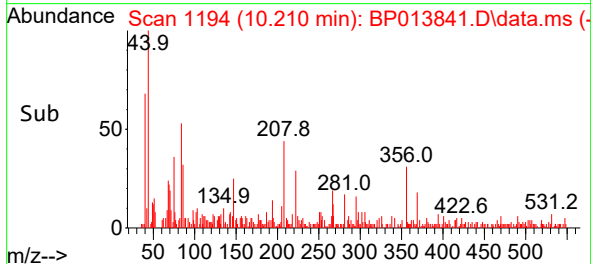
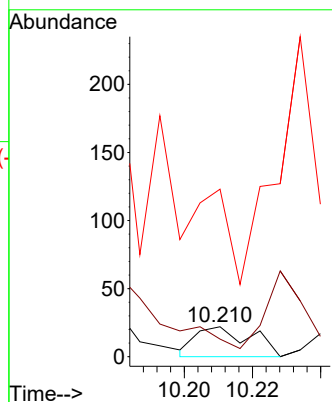
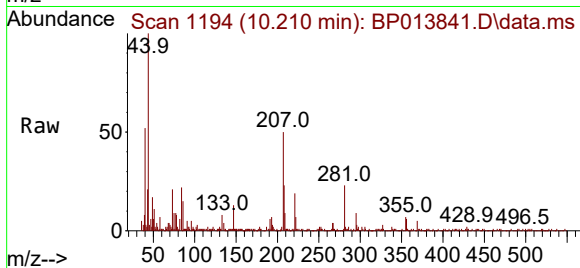




#32
Benzoic acid
Concen: 5.078 ng
RT: 10.210 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

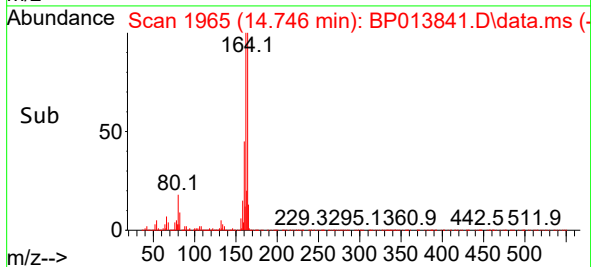
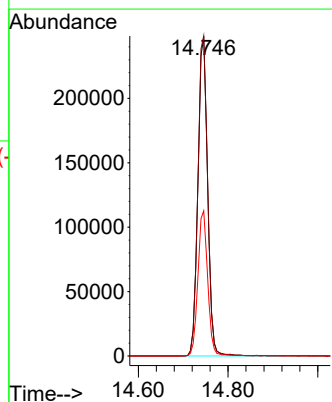
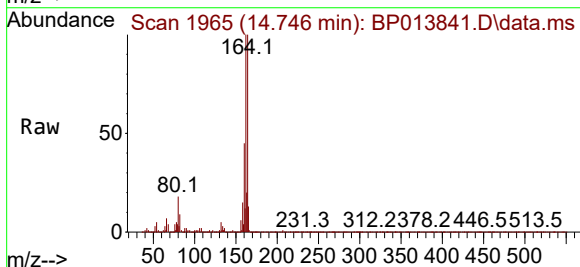
Instrument :
BNA_P
ClientSampleId :
PB150830BL

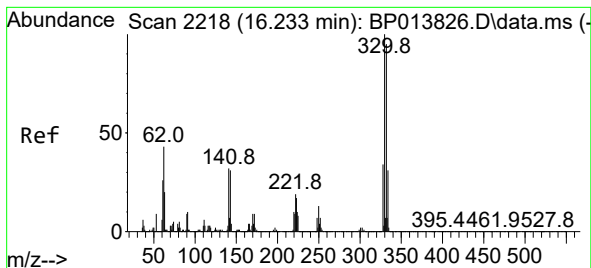
Tgt Ion:122 Resp: 25
Ion Ratio Lower Upper
122 100
105 59.1 107.4 147.4#
77 559.1 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:164 Resp: 371248
Ion Ratio Lower Upper
164 100
162 100.2 81.7 122.5
160 45.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 128.395 ng

RT: 16.234 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013841.D

Acq: 17 Feb 2023 12:39

Instrument :

BNA_P

ClientSampleId :

PB150830BL

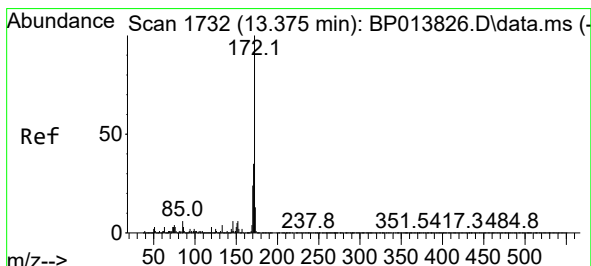
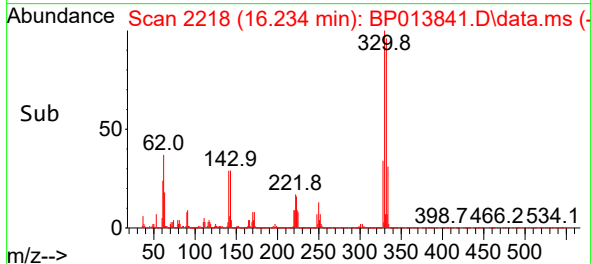
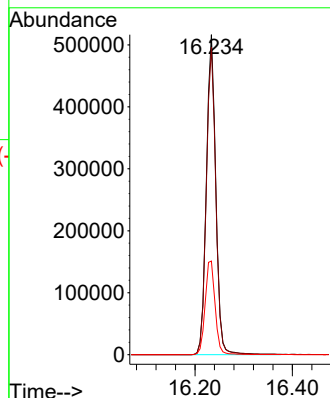
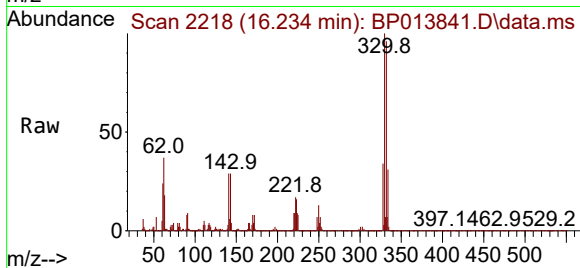
Tgt Ion:330 Resp: 693867

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 31.0 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 85.301 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013841.D

Acq: 17 Feb 2023 12:39

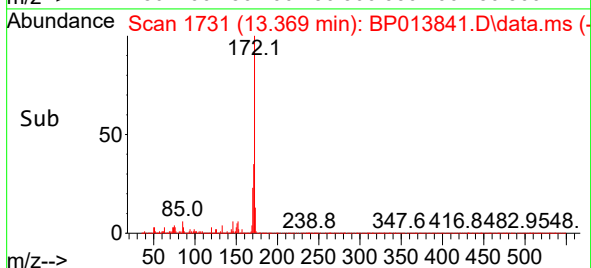
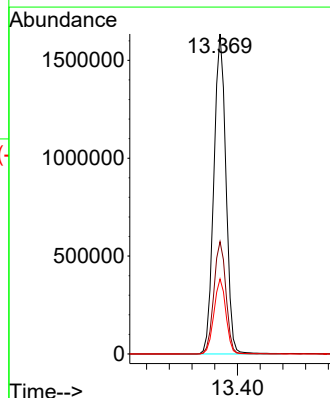
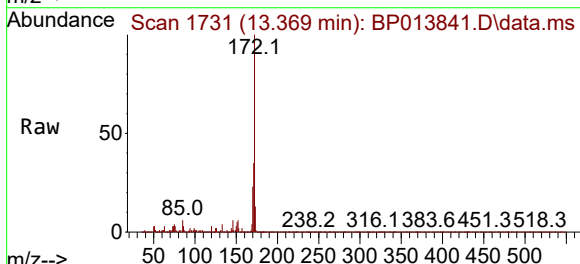
Tgt Ion:172 Resp: 2411009

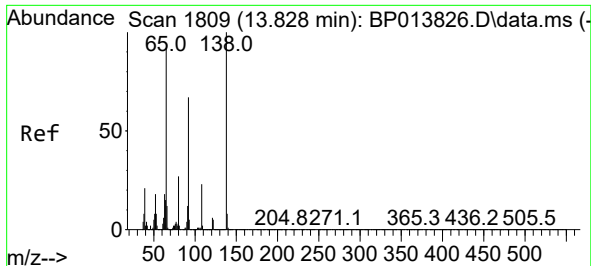
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.5 19.0 28.4

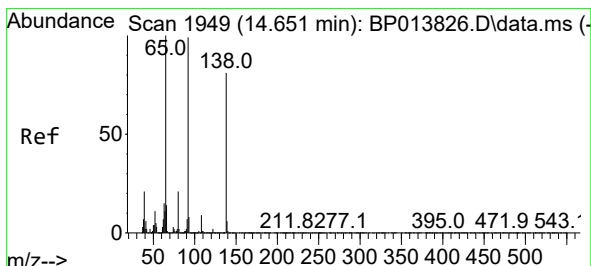
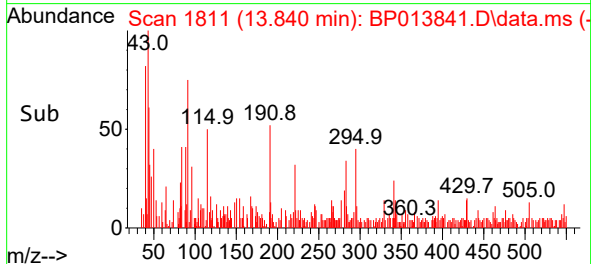
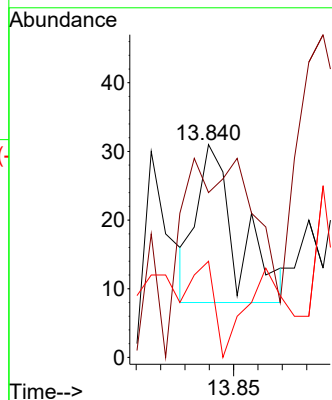
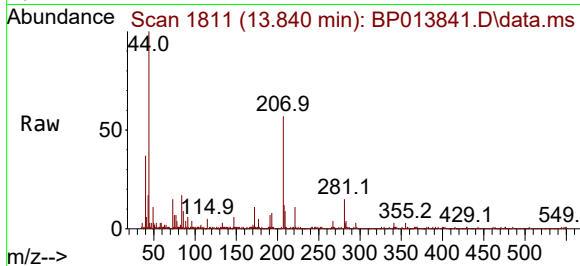




#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.840 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

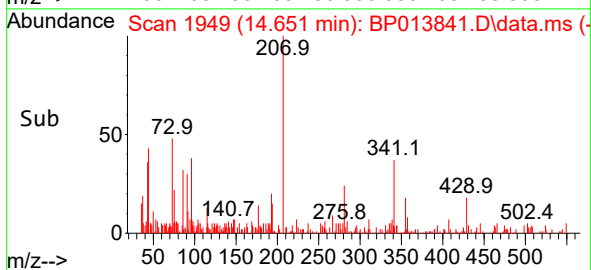
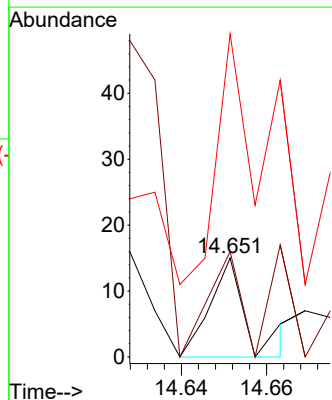
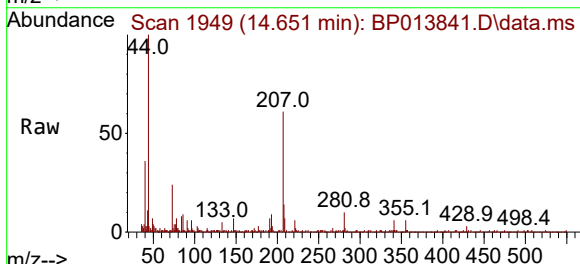
Instrument :
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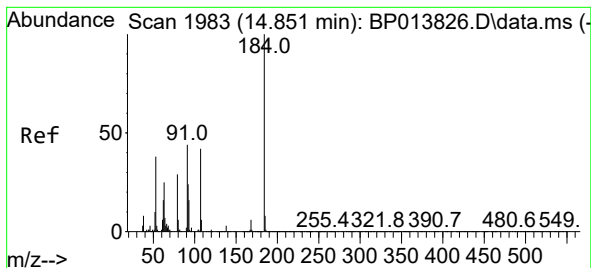
Tgt Ion: 65 Resp: 27
Ion Ratio Lower Upper
65 100
92 77.4 58.7 88.1
138 45.2 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.009 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion: 138 Resp: 9
Ion Ratio Lower Upper
138 100
108 106.7 9.0 13.4#
92 326.7 97.1 145.7#

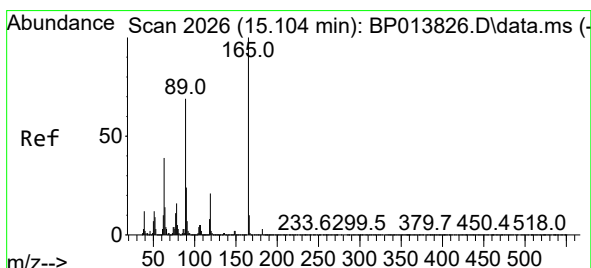
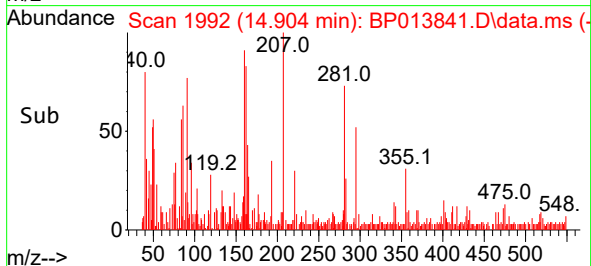
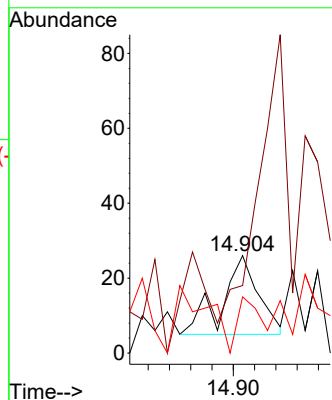
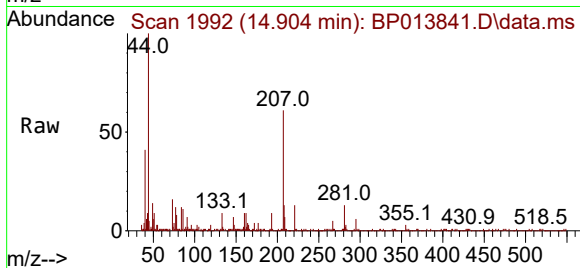




#54
2,4-Dinitrophenol
Concen: 5.267 ng
RT: 14.904 min Scan# 14
Delta R.T. 0.053 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

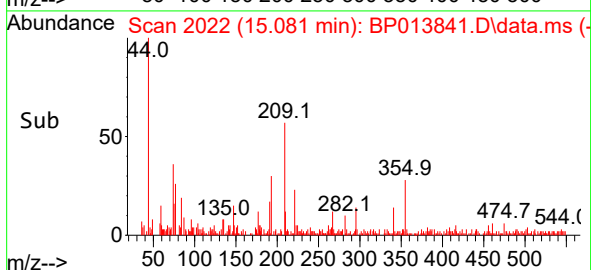
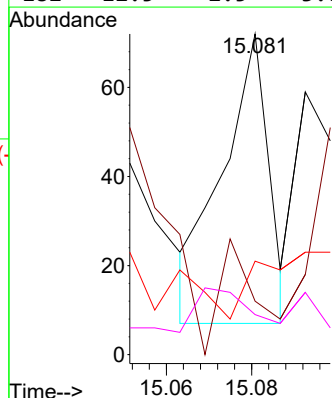
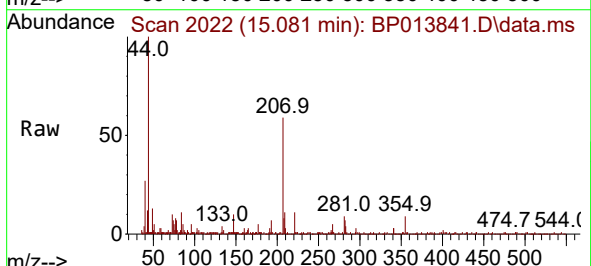
Instrument :
BNA_P
ClientSampleId :
PB150830BL

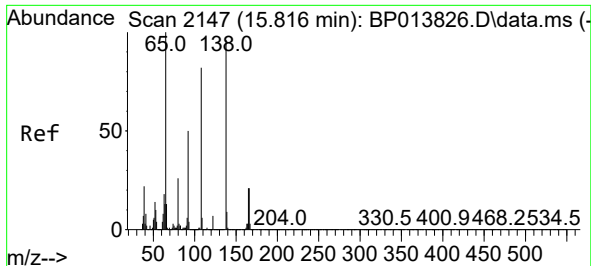
Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 69.2 47.0 70.4
154 57.7 51.5 77.3



#57
2,4-Dinitrotoluene
Concen: 2.286 ng
RT: 15.081 min Scan# 2022
Delta R.T. -0.023 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 16.7 31.1 46.7#
89 29.2 54.9 82.3#
182 12.5 2.5 3.7#

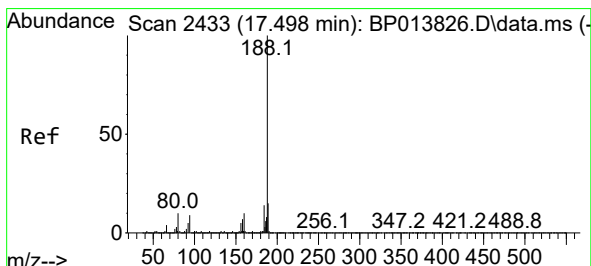
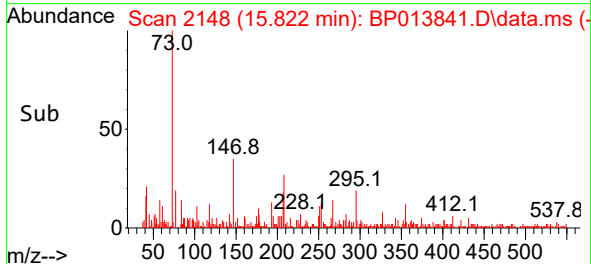
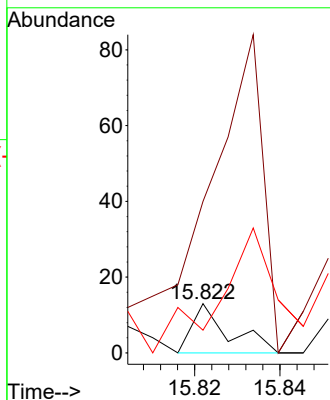
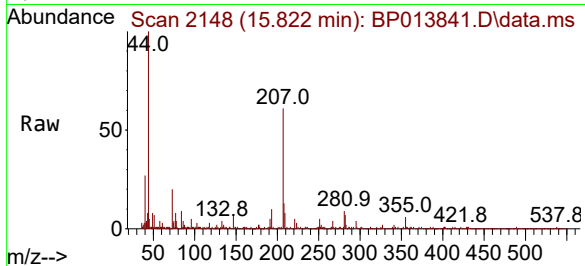




#62
4-Nitroaniline
Concen: 2.548 ng
RT: 15.822 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

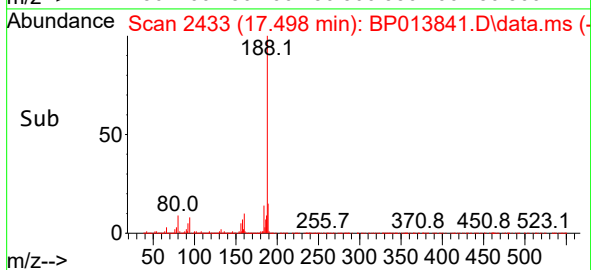
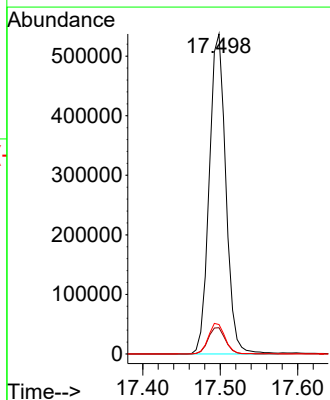
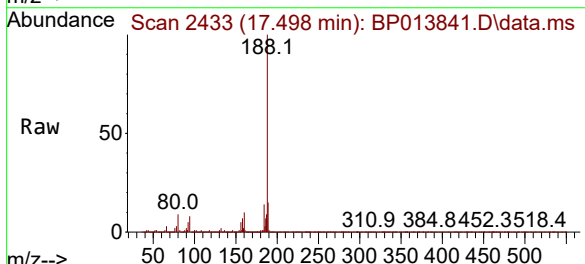
Instrument :
BNA_P
ClientSampleId :
PB150830BL

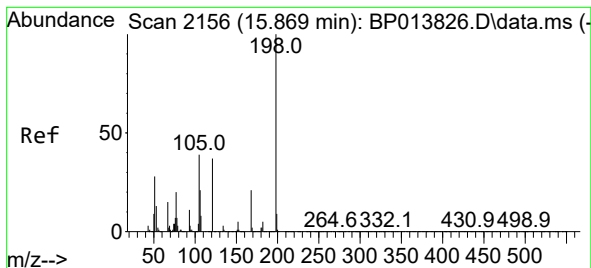
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 307.7 32.0 72.0#
108 46.2 65.6 105.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:188 Resp: 801258
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.2 7.8 11.8

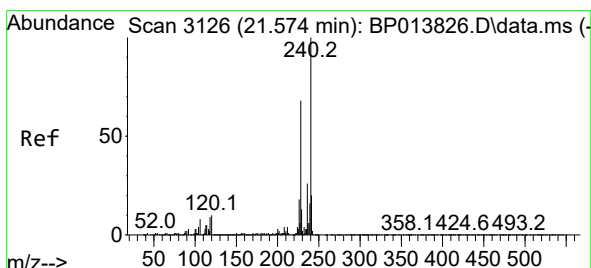
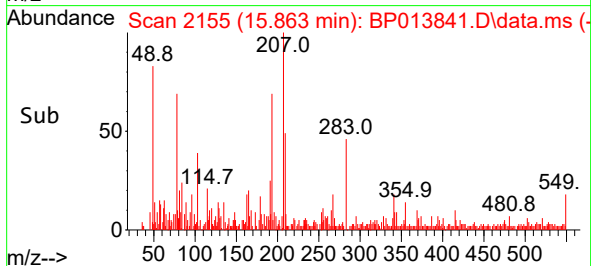
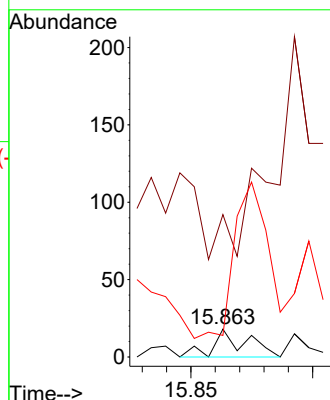
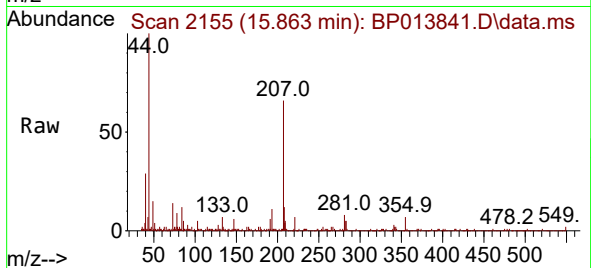




#65
4,6-Dinitro-2-methylphenol
Concen: 4.627 ng
RT: 15.863 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

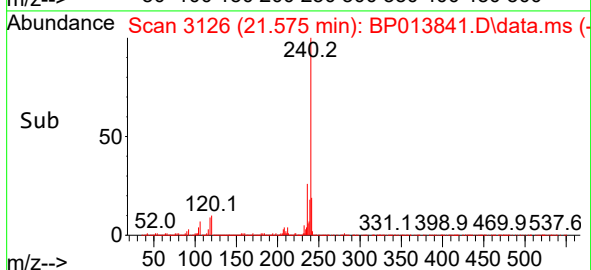
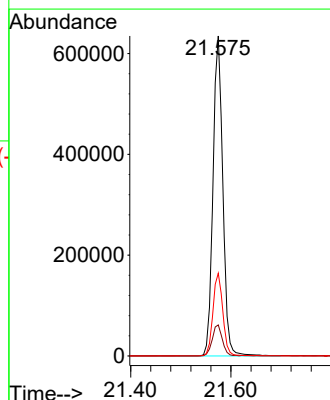
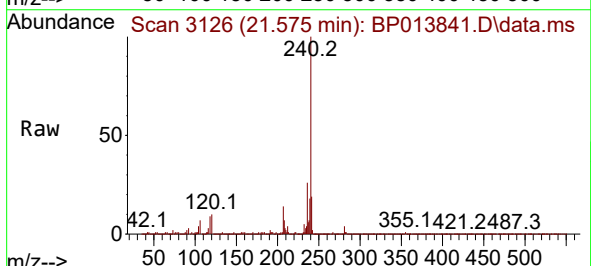
Instrument :
BNA_P
ClientSampleId :
PB150830BL

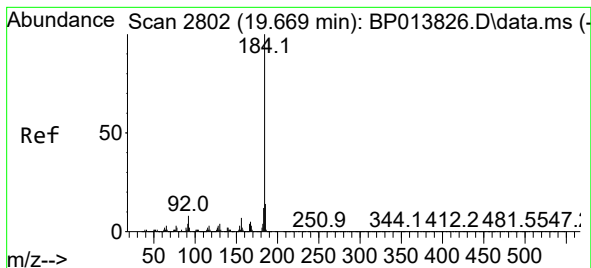
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 511.1 14.3 54.3#
105 77.8 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP013841.D
Acq: 17 Feb 2023 12:39

Tgt Ion:240 Resp: 864514
Ion Ratio Lower Upper
240 100
120 9.7 7.9 11.9
236 25.8 20.9 31.3





#77

Benzidine

Concen: 2.292 ng

RT: 19.839 min Scan# 2831

Delta R.T. 0.170 min

Lab File: BP013841.D

Acq: 17 Feb 2023 12:39

Instrument :

BNA_P

ClientSampleId :

PB150830BL

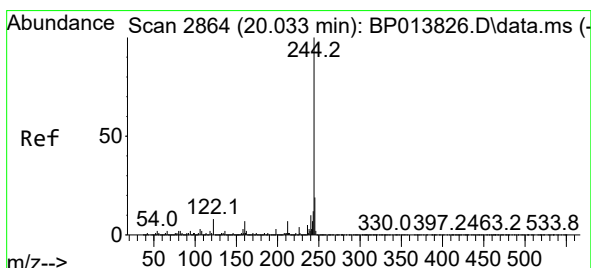
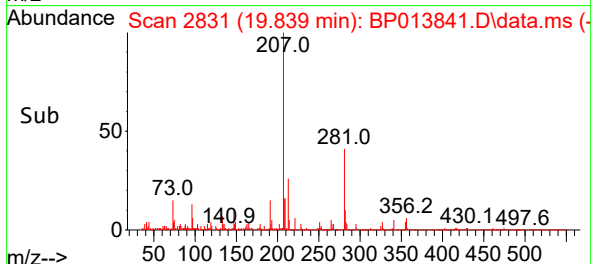
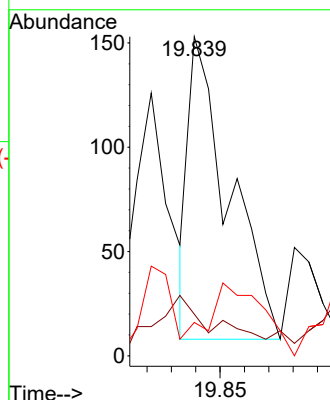
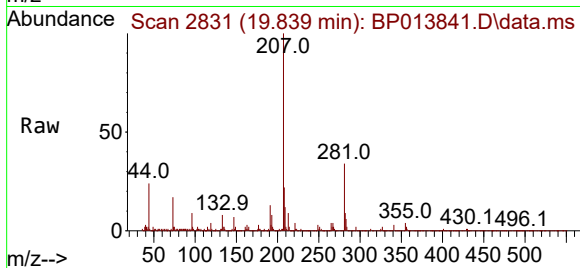
Tgt Ion:184 Resp: 167

Ion Ratio Lower Upper

184 100

185 13.1 11.4 17.0

183 10.5 9.6 14.4



#79

Terphenyl-d14

Concen: 92.700 ng

RT: 20.028 min Scan# 2863

Delta R.T. -0.006 min

Lab File: BP013841.D

Acq: 17 Feb 2023 12:39

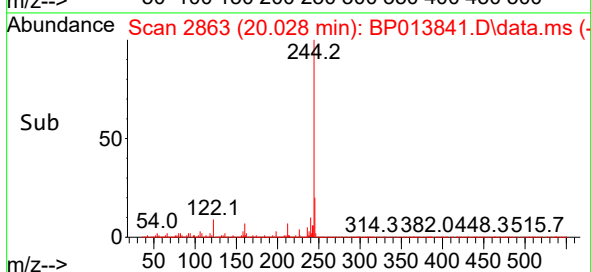
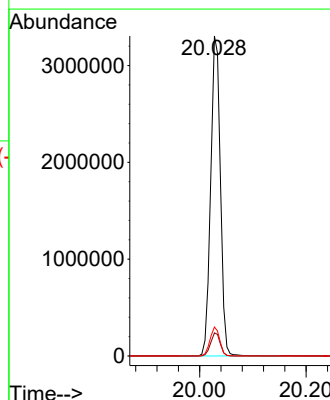
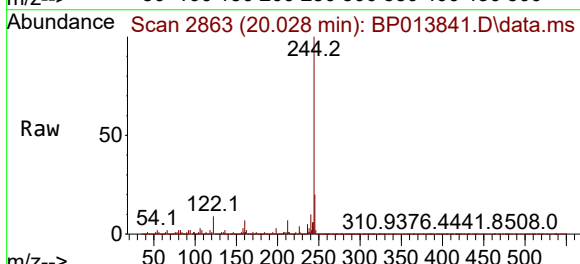
Tgt Ion:244 Resp: 4165321

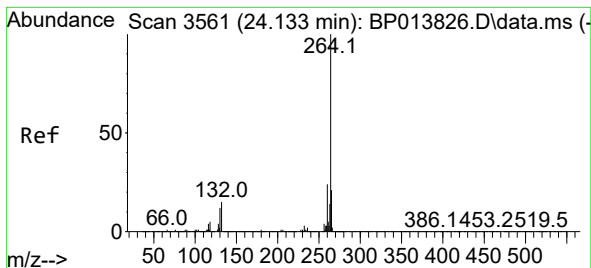
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.1 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013841.D

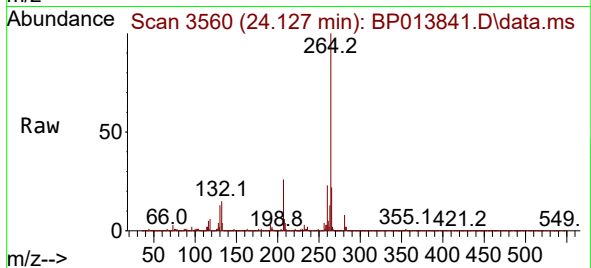
Acq: 17 Feb 2023 12:39

Instrument :

BNA_P

ClientSampleId :

PB150830BL



Tgt Ion:264 Resp: 990094

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 22.3 17.6 26.4

