

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013900.D
 Acq On : 28 Feb 2023 21:12
 Operator : CG/JU
 Sample : 01727-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JB-1S

Quant Time: Mar 01 03:48:49 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 24 16:57:00 2023
 Response via : Initial Calibration

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

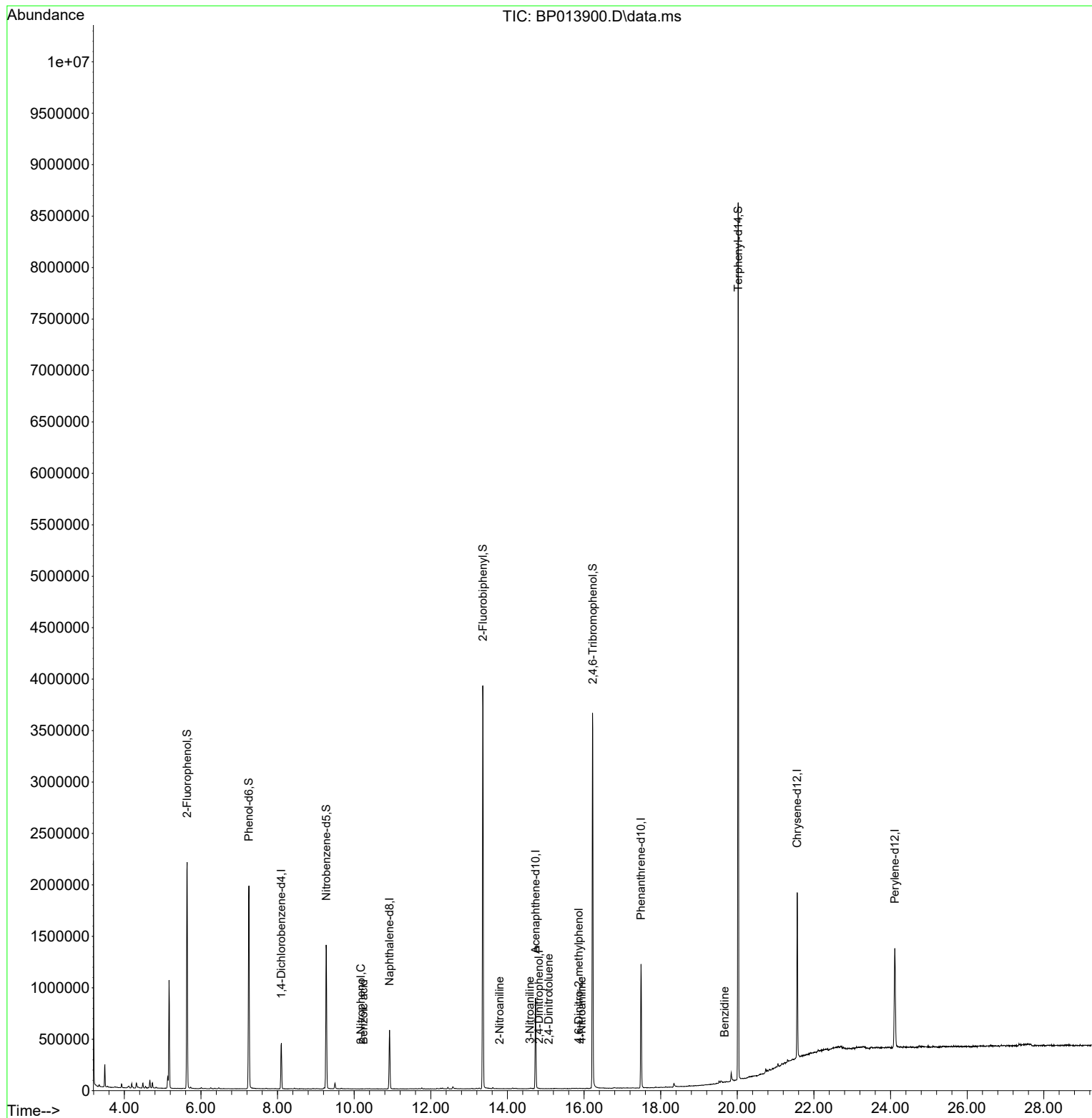
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	118672	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	453438	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	309821	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	750813	20.000	ng	0.00
76) Chrysene-d12	21.562	240	793491	20.000	ng	#-0.01
86) Perylene-d12	24.109	264	837957	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	926328	128.648	ng	0.00
7) Phenol-d6	7.251	99	1106142	119.948	ng	0.00
23) Nitrobenzene-d5	9.269	82	826054	98.375	ng	-0.01
42) 2,4,6-Tribromophenol	16.227	330	750486	166.406	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1967250	83.400	ng	-0.01
79) Terphenyl-d14	20.021	244	4005492	97.122	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.175	139	13	2.771	ng	91
32) Benzoic acid	10.239	122	47	5.083	ng	# 1
48) 2-Nitroaniline	13.798	65	73	3.242	ng	# 19
53) 3-Nitroaniline	14.586	138	56	2.017	ng	92
54) 2,4-Dinitrophenol	14.822	184	11	5.265	ng	# 1
57) 2,4-Dinitrotoluene	15.074	165	37	2.286	ng	# 74
62) 4-Nitroaniline	15.939	138	34	2.553	ng	87
65) 4,6-Dinitro-2-methylph...	15.863	198	32	4.629	ng	# 1
77) Benzidine	19.668	184	157	2.292	ng	# 1

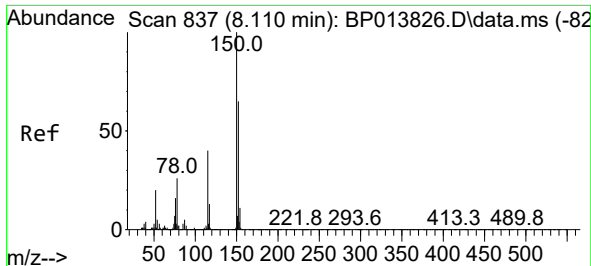
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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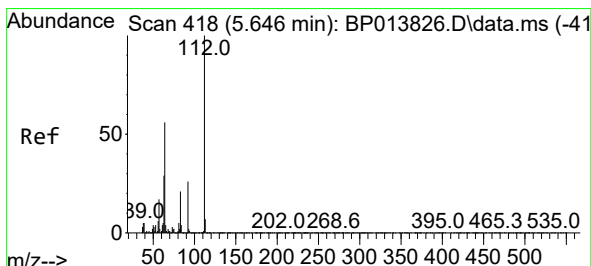
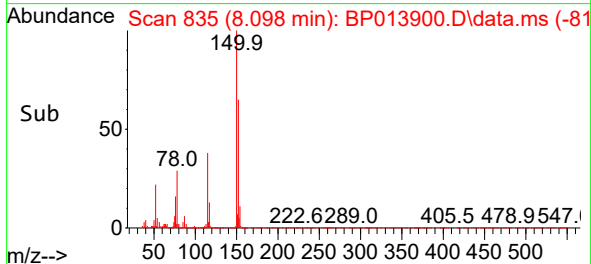
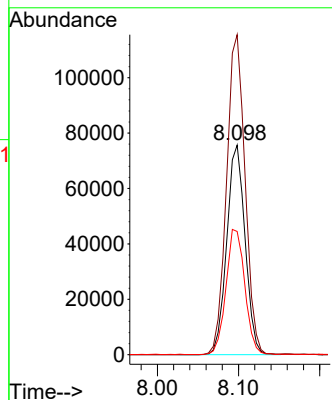
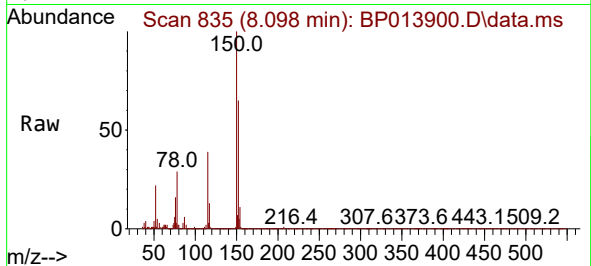




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

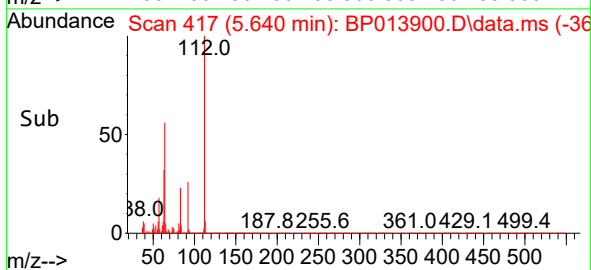
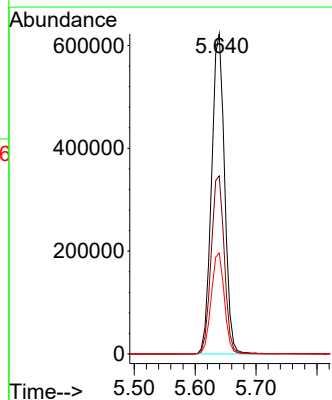
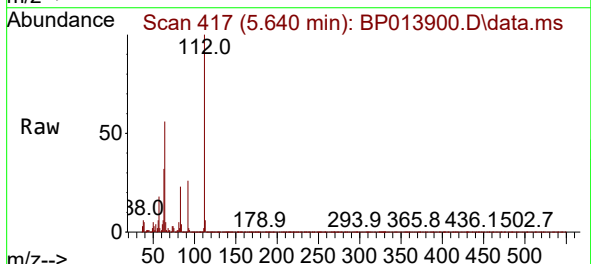
Instrument :
BNA_P
ClientSampleId :
JB-1S

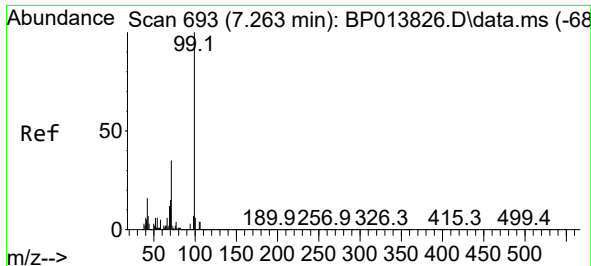
Tgt Ion:152 Resp: 118672
Ion Ratio Lower Upper
152 100
150 152.7 122.8 184.2
115 58.8 49.0 73.6



#5
2-Fluorophenol
Concen: 128.648 ng
RT: 5.640 min Scan# 417
Delta R.T. -0.000 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:112 Resp: 926328
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 31.6 23.6 35.4



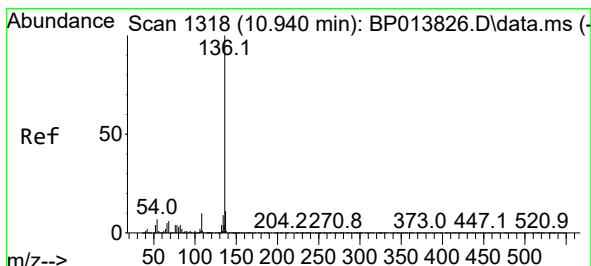
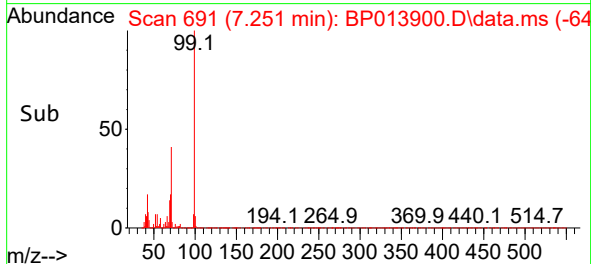
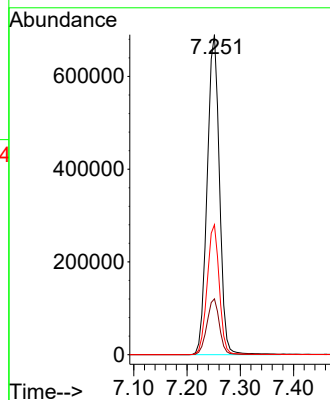
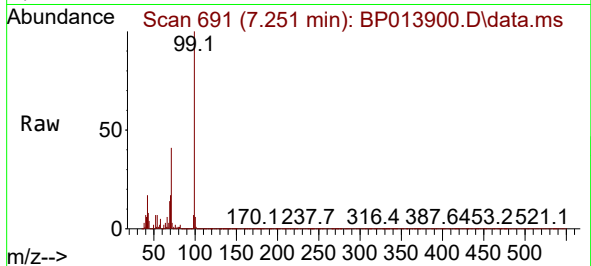


#7
Phenol-d6
Concen: 119.948 ng
RT: 7.251 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Instrument :
BNA_P
ClientSampleId :
JB-1S

Tgt Ion: 99 Resp: 1106142

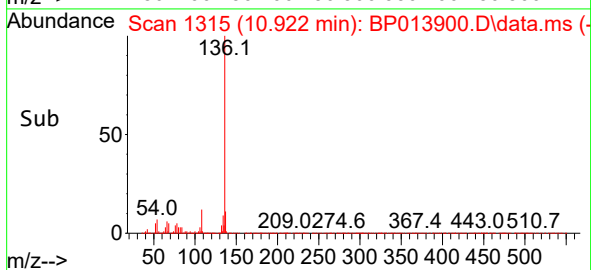
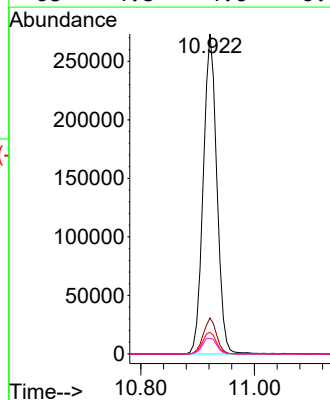
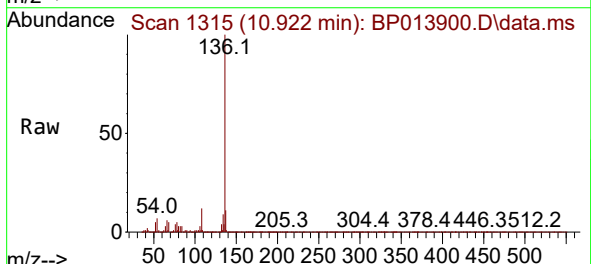
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.5	18.7
71	40.6	27.8	41.8

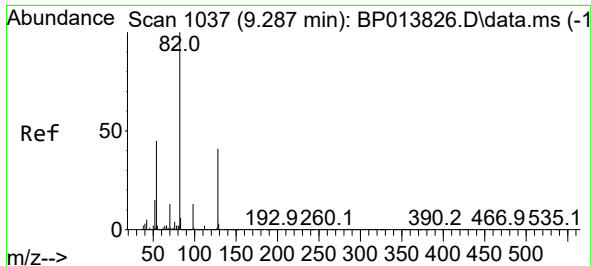


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion: 136 Resp: 453438

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.8	5.8	8.6
68	4.8	4.6	6.8

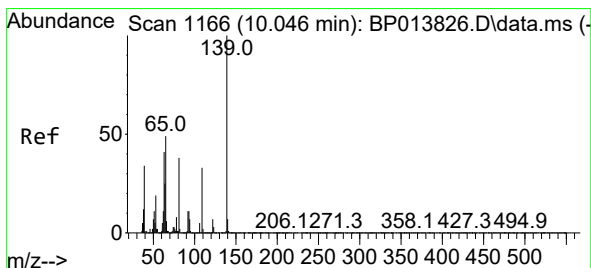
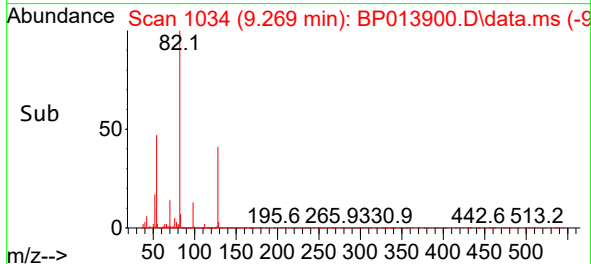
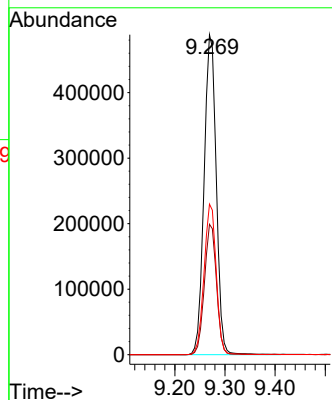
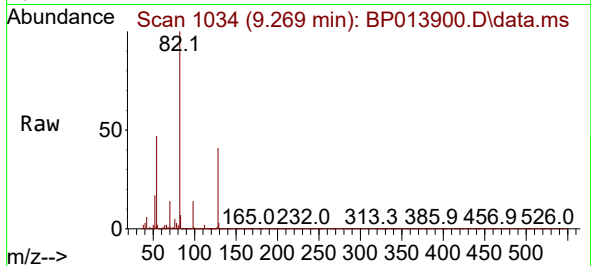




#23
Nitrobenzene-d5
Concen: 98.375 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

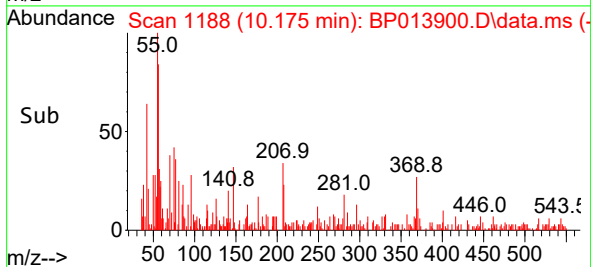
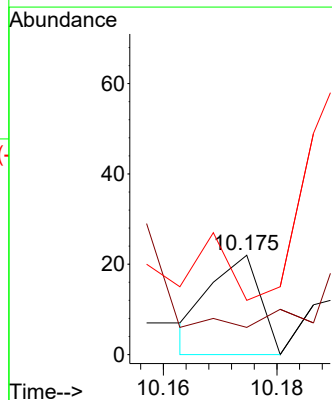
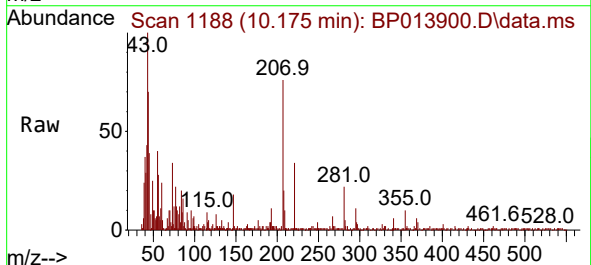
Instrument :
BNA_P
ClientSampleId :
JB-1S

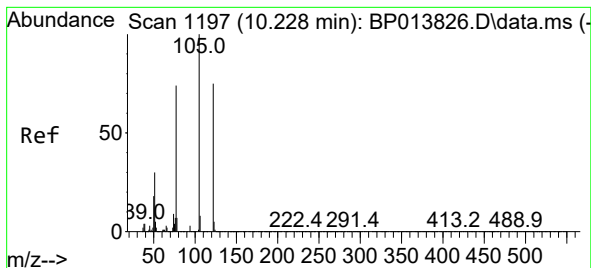
Tgt Ion: 82 Resp: 826054
Ion Ratio Lower Upper
82 100
128 40.8 32.9 49.3
54 47.1 35.6 53.4



#26
2-Nitrophenol
Concen: 2.771 ng
RT: 10.175 min Scan# 1188
Delta R.T. 0.141 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 27.3 26.7 40.1
65 54.5 39.4 59.2





#32

Benzoic acid

Concen: 5.083 ng

RT: 10.239 min Scan# 1197

Delta R.T. 0.023 min

Lab File: BP013900.D

Acq: 28 Feb 2023 21:12

Instrument :

BNA_P

ClientSampleId :

JB-1S

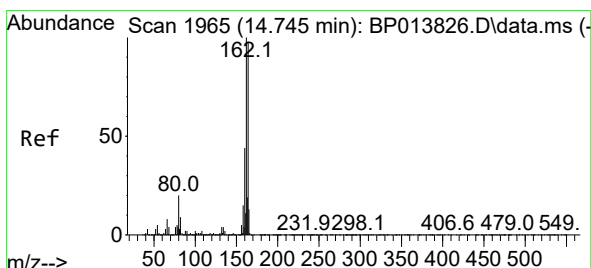
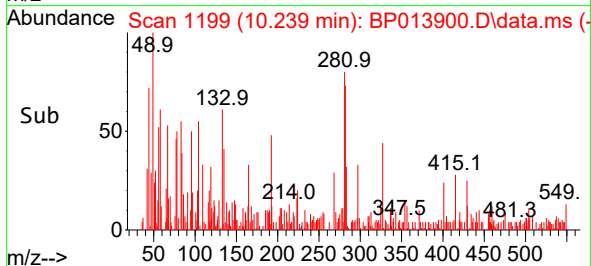
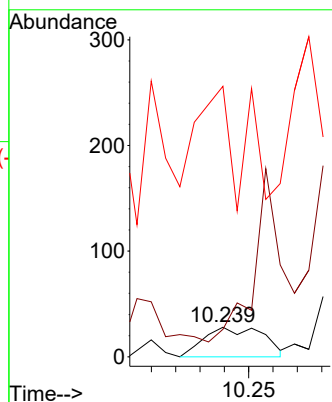
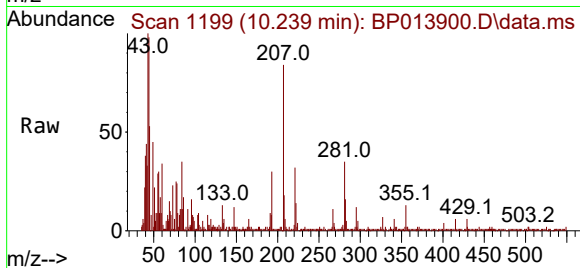
Tgt Ion:122 Resp: 47

Ion Ratio Lower Upper

122 100

105 92.9 107.4 147.4#

77 914.3 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BP013900.D

Acq: 28 Feb 2023 21:12

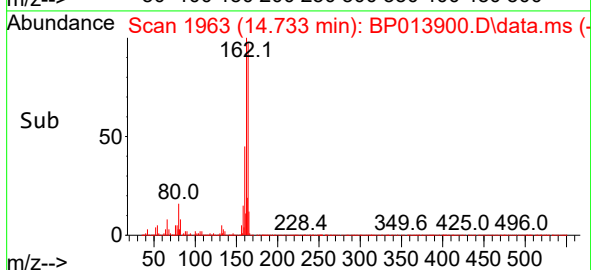
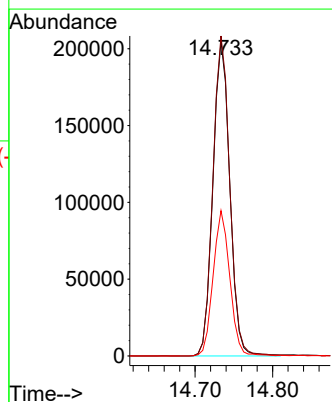
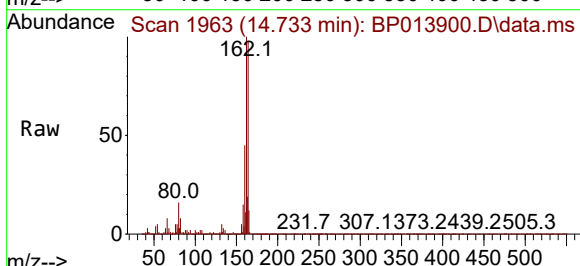
Tgt Ion:164 Resp: 309821

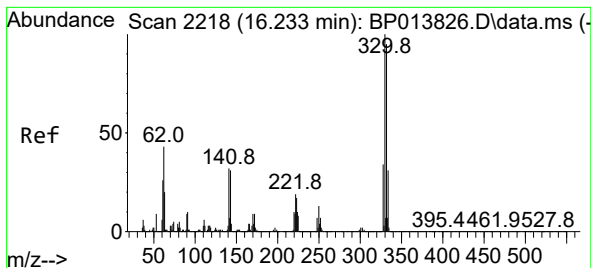
Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

160 46.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 166.406 ng

RT: 16.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013900.D

Acq: 28 Feb 2023 21:12

Instrument :

BNA_P

ClientSampleId :

JB-1S

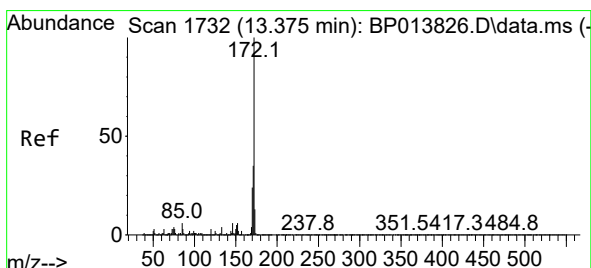
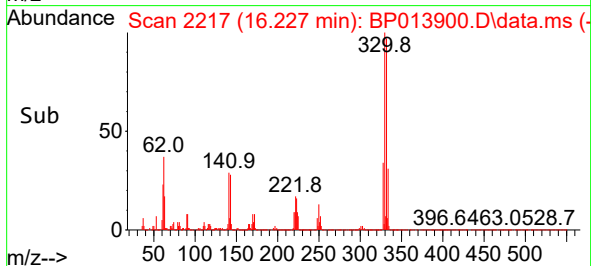
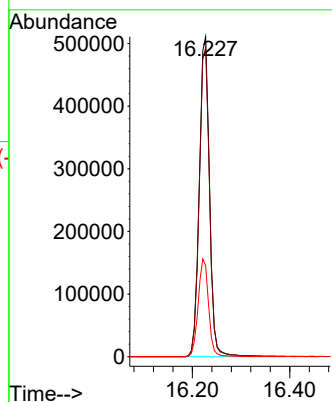
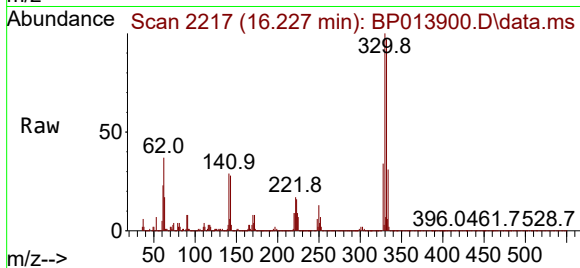
Tgt Ion:330 Resp: 750486

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

141 31.0 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 83.400 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013900.D

Acq: 28 Feb 2023 21:12

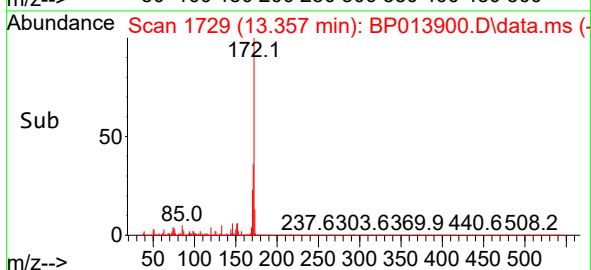
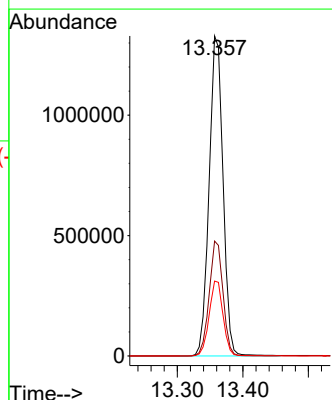
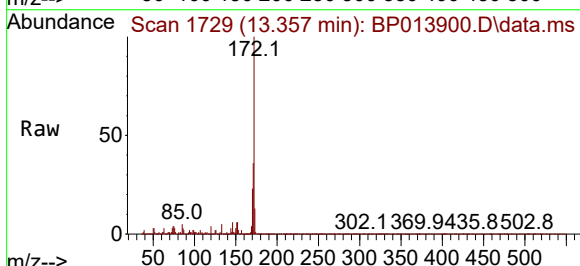
Tgt Ion:172 Resp: 1967250

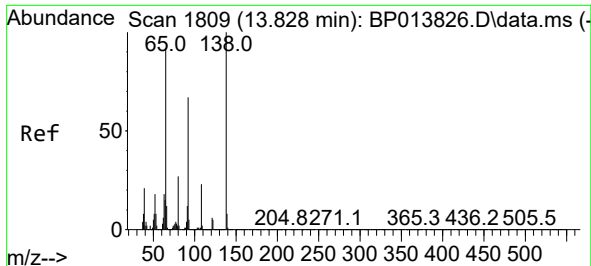
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.4 19.0 28.4

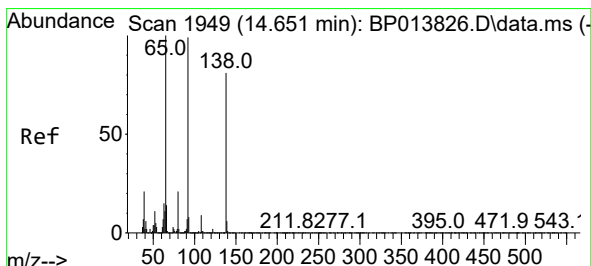
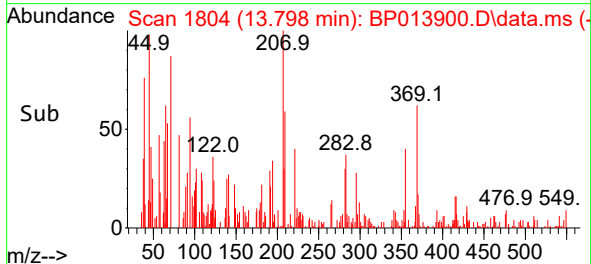
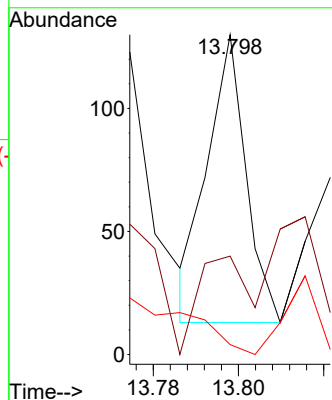
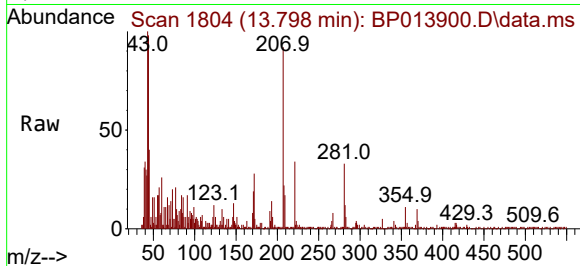




#48
2-Nitroaniline
Concen: 3.242 ng
RT: 13.798 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

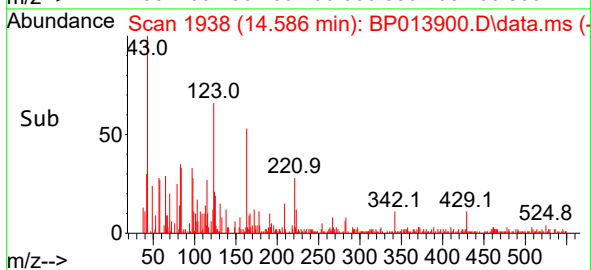
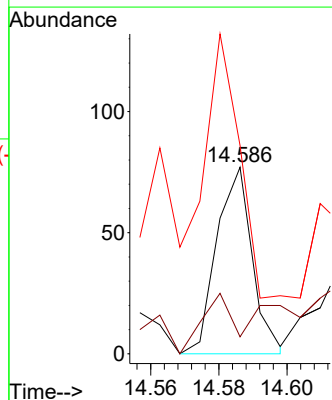
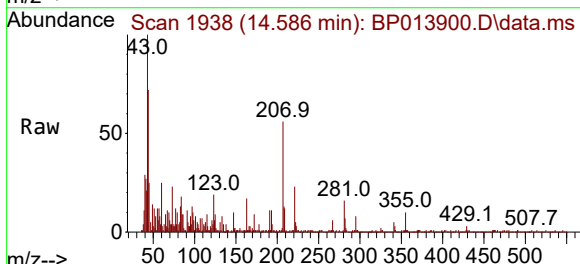
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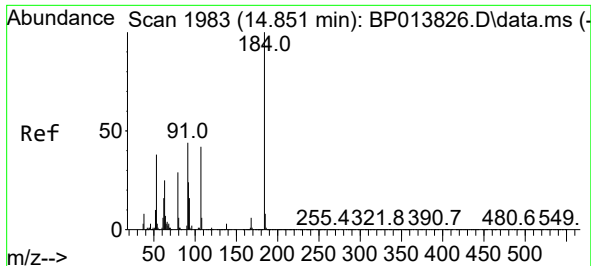
Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 30.8 58.7 88.1#
138 3.1 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.017 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.059 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion: 138 Resp: 56
Ion Ratio Lower Upper
138 100
108 9.1 9.0 13.4
92 111.7 97.1 145.7

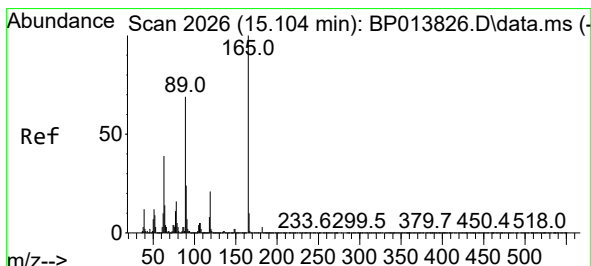
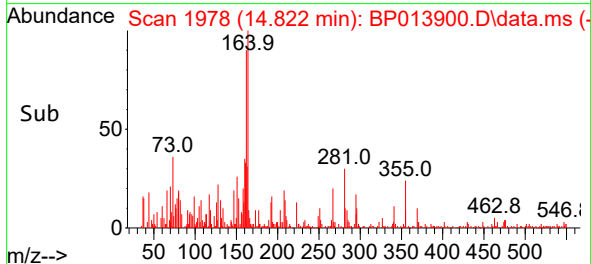
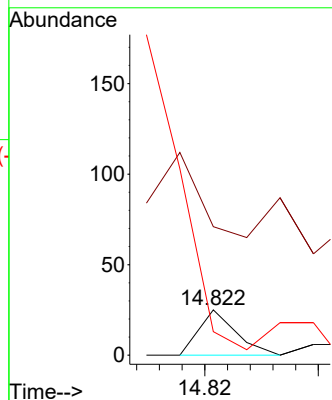
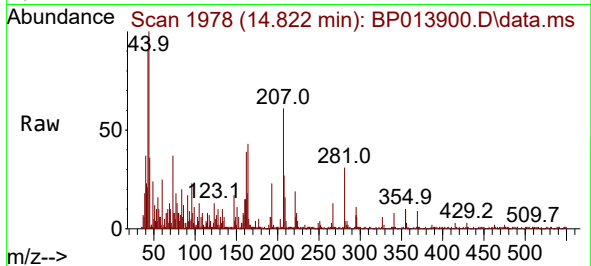




#54
2,4-Dinitrophenol
Concen: 5.265 ng
RT: 14.822 min Scan# 1983
Delta R.T. -0.024 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

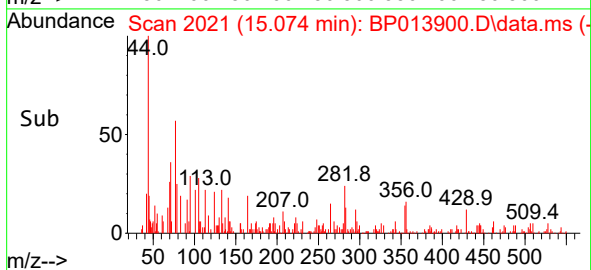
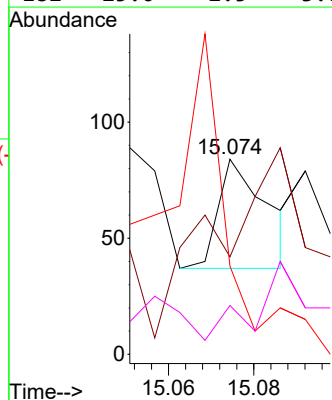
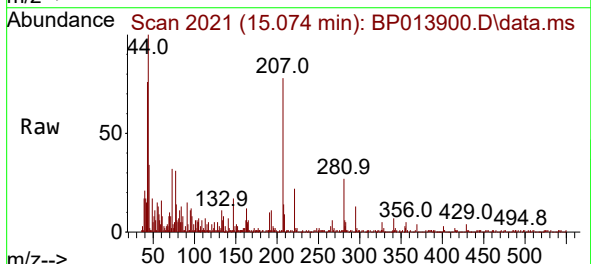
Instrument :
BNA_P
ClientSampleId :
JB-1S

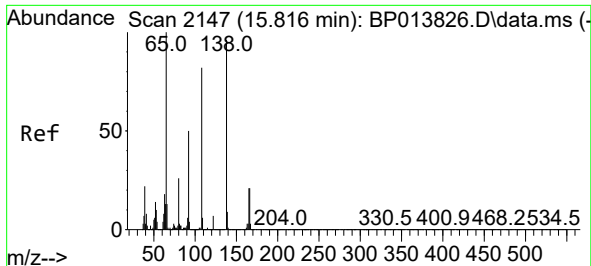
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 284.0 47.0 70.4#
154 52.0 51.5 77.3



#57
2,4-Dinitrotoluene
Concen: 2.286 ng
RT: 15.074 min Scan# 2021
Delta R.T. -0.024 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:165 Resp: 37
Ion Ratio Lower Upper
165 100
63 50.0 31.1 46.7#
89 45.2 54.9 82.3#
182 25.0 2.5 3.7#

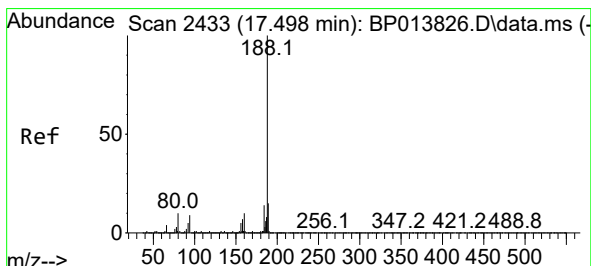
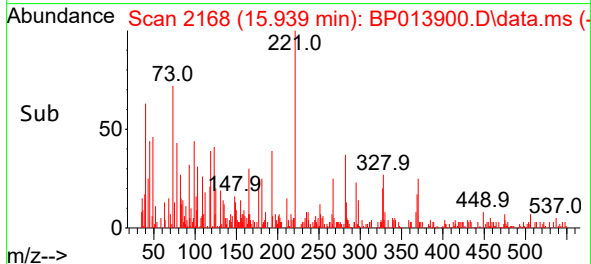
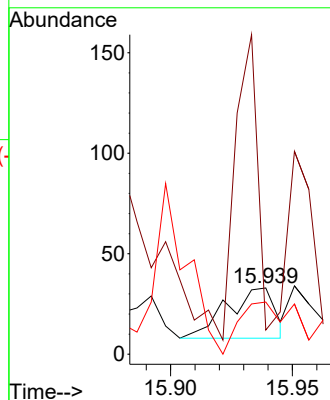
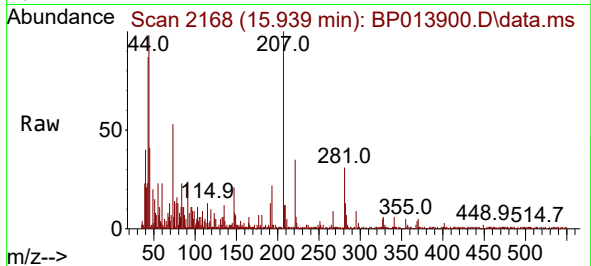




#62
4-Nitroaniline
Concen: 2.553 ng
RT: 15.939 min Scan# 2147
Delta R.T. 0.129 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

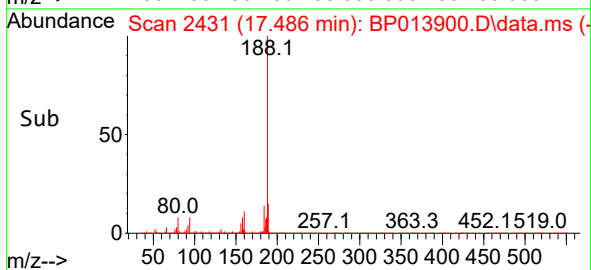
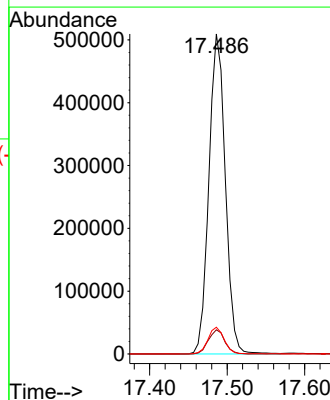
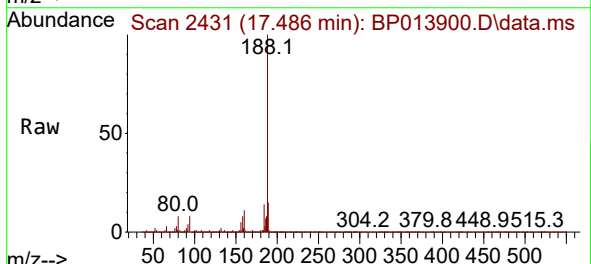
Instrument :
BNA_P
ClientSampleId :
JB-1S

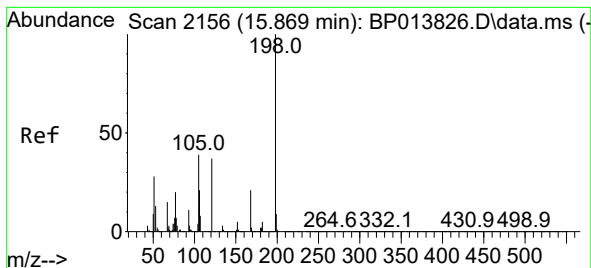
Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
92 36.4 32.0 72.0
108 78.8 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:188 Resp: 750813
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.4 7.8 11.8

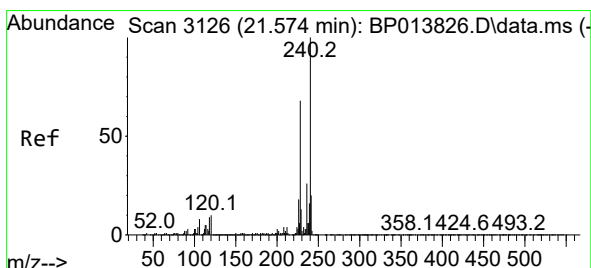
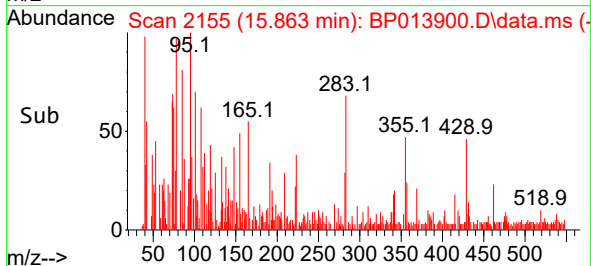
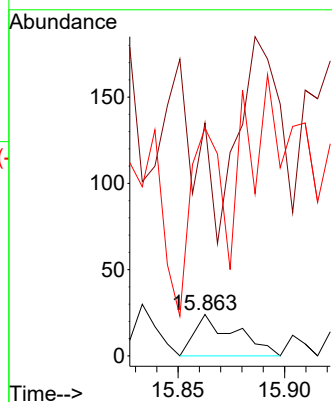
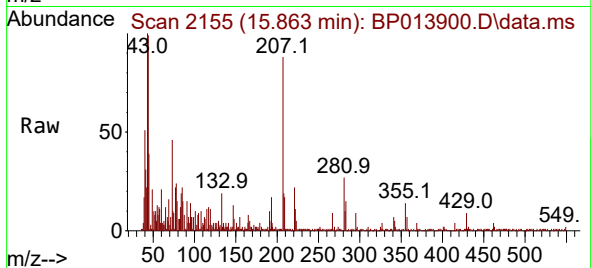




#65
4,6-Dinitro-2-methylphenol
Concen: 4.629 ng
RT: 15.863 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

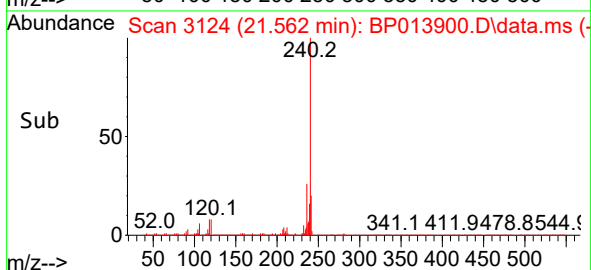
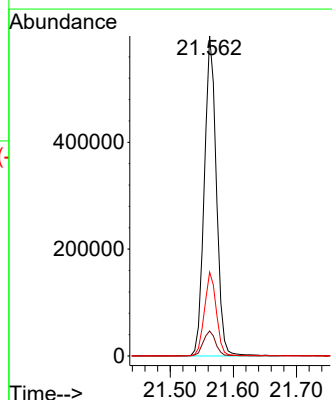
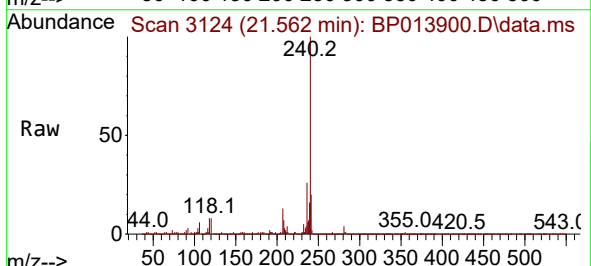
Instrument :
BNA_P
ClientSampleId :
JB-1S

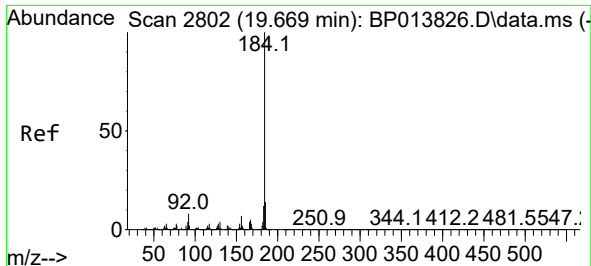
Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 562.5 14.3 54.3#
105 550.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:240 Resp: 793491
Ion Ratio Lower Upper
240 100
120 7.8 7.9 11.9#
236 26.2 20.9 31.3

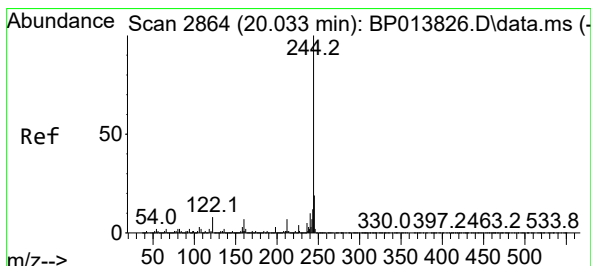
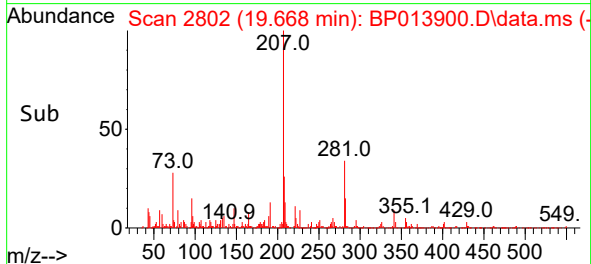
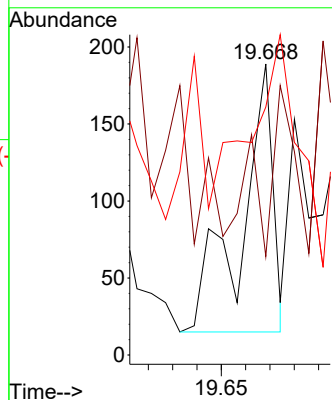
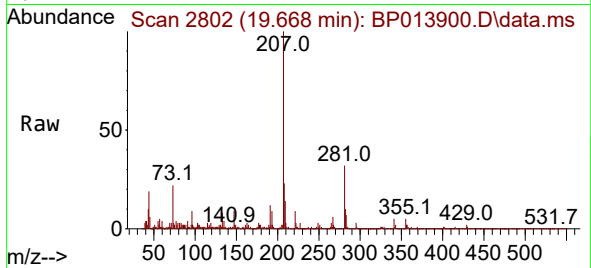




#77
Benzidine
Concen: 2.292 ng
RT: 19.668 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

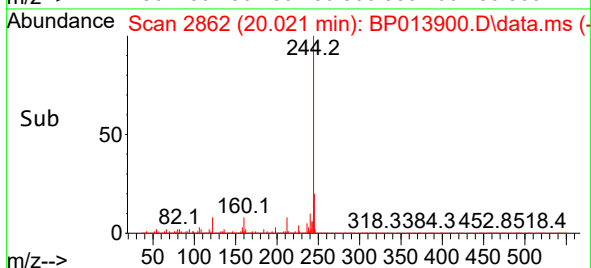
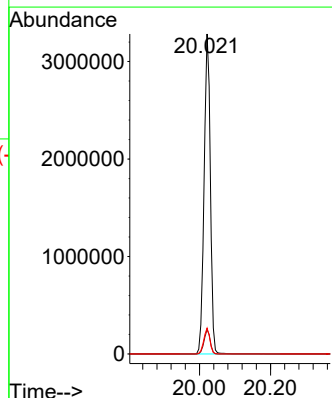
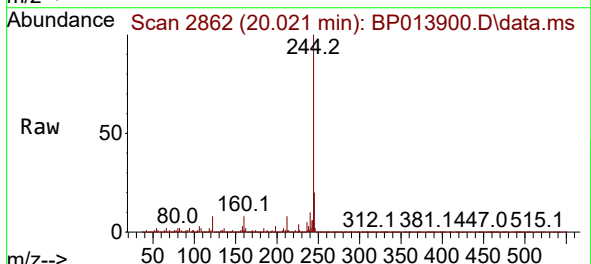
Instrument :
BNA_P
ClientSampleId :
JB-1S

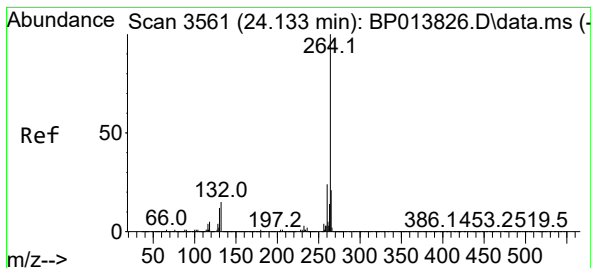
Tgt Ion:184 Resp: 157
Ion Ratio Lower Upper
184 100
185 33.9 11.4 17.0#
183 85.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 97.122 ng
RT: 20.021 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013900.D
Acq: 28 Feb 2023 21:12

Tgt Ion:244 Resp: 4005492
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.1 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.109 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013900.D

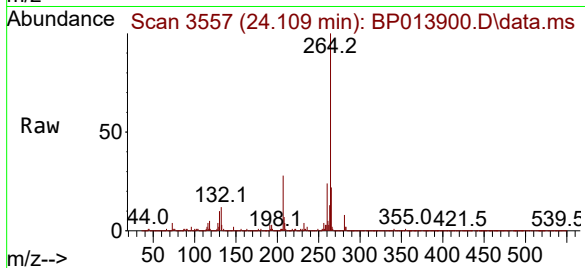
Acq: 28 Feb 2023 21:12

Instrument :

BNA_P

ClientSampleId :

JB-1S



Tgt Ion:264 Resp: 837957

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.3 17.6 26.4

