

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013889.D
 Acq On : 24 Feb 2023 17:22
 Operator : CG/JU
 Sample : 01664-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-0222

Quant Time: Feb 24 22:40:06 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)

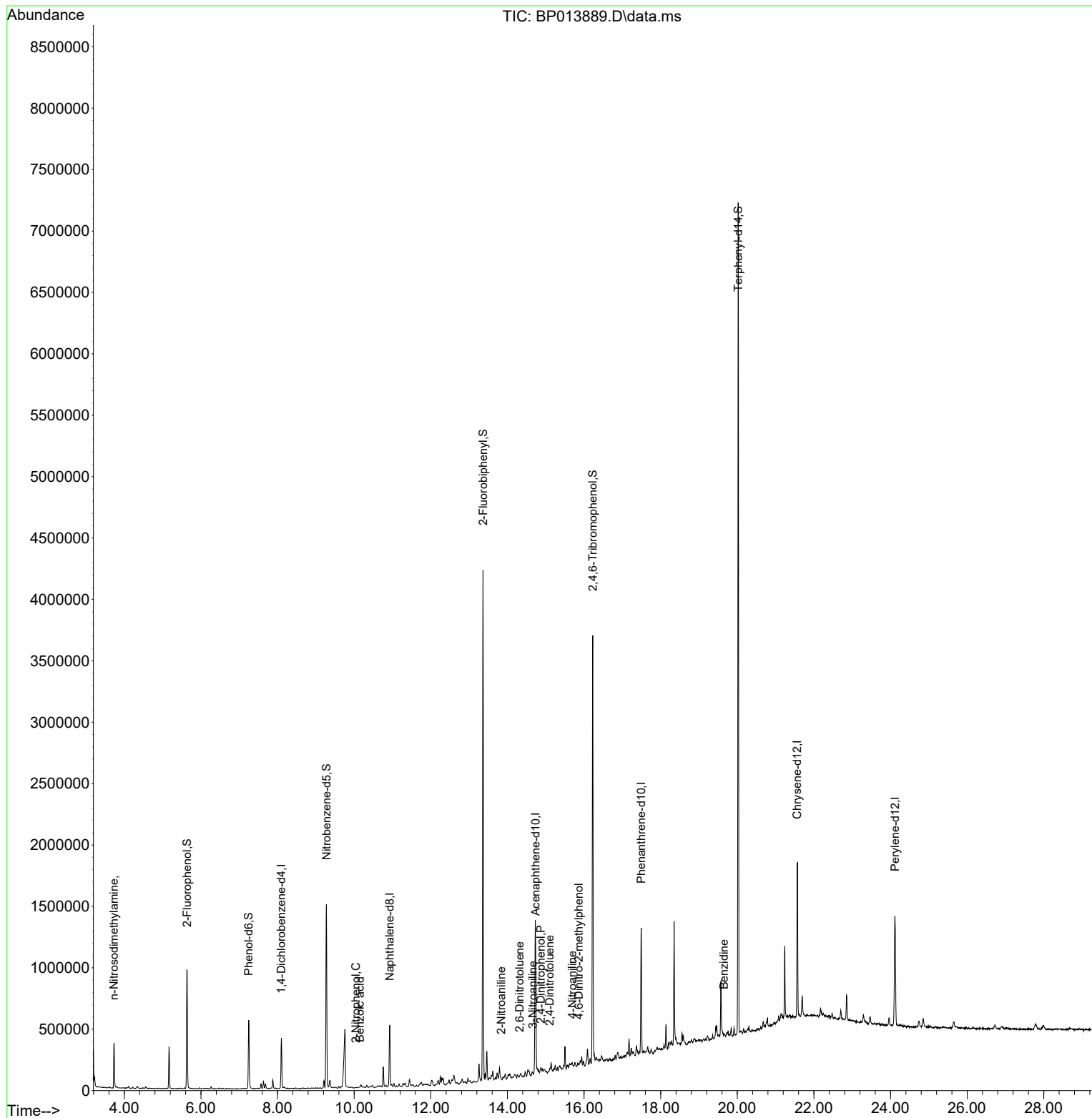
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	106682	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	412816	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	275794	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	612693	20.000	ng	0.00
76) Chrysene-d12	21.563	240	655041	20.000	ng	-0.01
86) Perylene-d12	24.116	264	747166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	416803	64.391	ng	0.00
7) Phenol-d6	7.246	99	319497	38.539	ng	0.00
23) Nitrobenzene-d5	9.275	82	878036	114.855	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	679165	169.172	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	2063290	98.264	ng	0.00
79) Terphenyl-d14	20.022	244	3292285	96.701	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.728	42	12513	4.402	ng	# 1
26) 2-Nitrophenol	10.046	139	138	2.803	ng	# 1
32) Benzoic acid	10.152	122	2450	5.526	ng	# 77
48) 2-Nitroaniline	13.840	65	250	3.278	ng	# 54
51) 2,6-Dinitrotoluene	14.316	165	199	2.027	ng	# 42
53) 3-Nitroaniline	14.663	138	617	2.124	ng	# 1
54) 2,4-Dinitrophenol	14.869	184	295	5.347	ng	# 1
57) 2,4-Dinitrotoluene	15.098	165	482	2.350	ng	# 10
62) 4-Nitroaniline	15.692	138	1413	2.802	ng	# 81
65) 4,6-Dinitro-2-methylph...	15.863	198	268	4.680	ng	# 1
77) Benzidine	19.651	184	318	2.305	ng	# 1

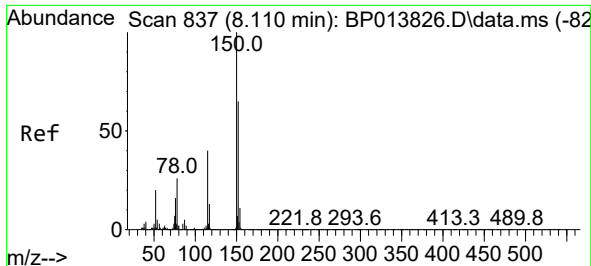
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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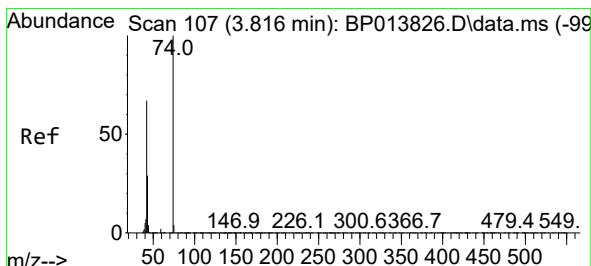
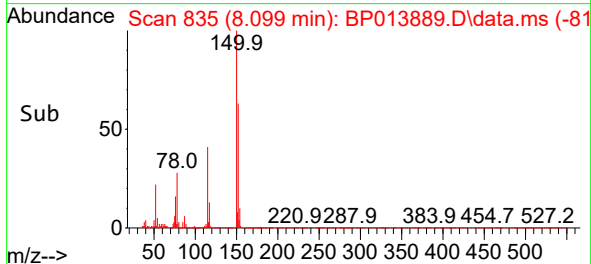
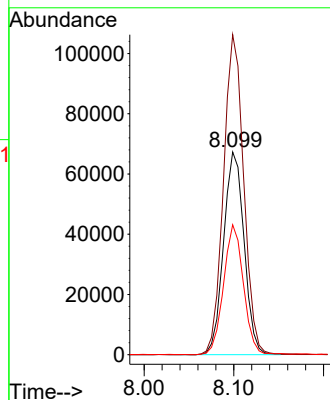
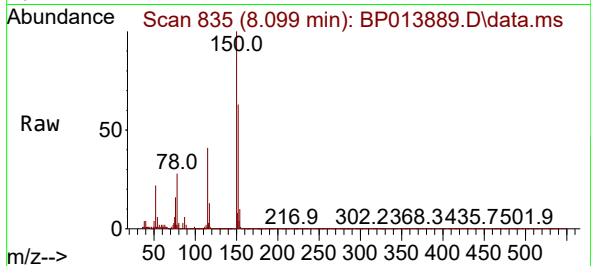




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

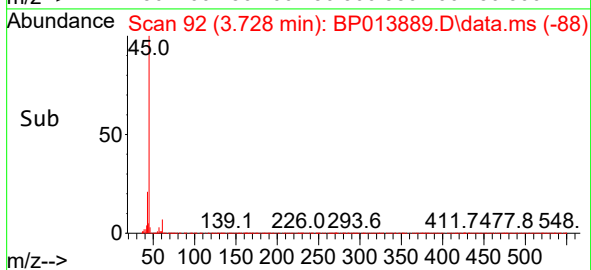
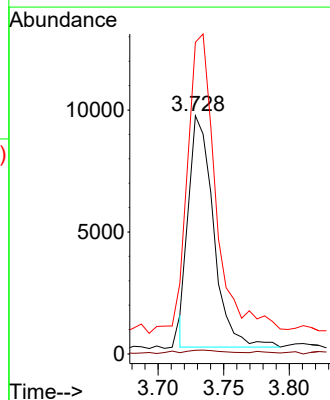
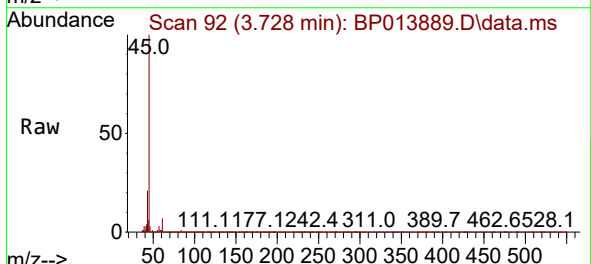
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

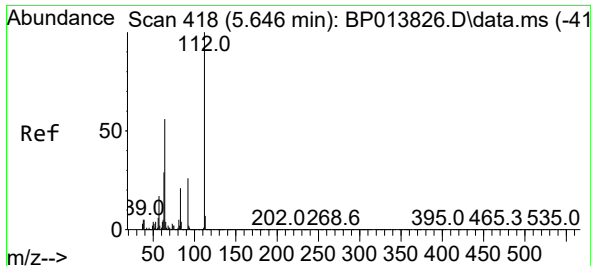
Tgt Ion:152 Resp: 106682
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 64.1 49.0 73.6



#4
n-Nitrosodimethylamine
Concen: 4.402 ng
RT: 3.728 min Scan# 92
Delta R.T. -0.076 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion: 42 Resp: 12513
Ion Ratio Lower Upper
42 100
74 1.6 119.3 178.9#
44 130.8 6.0 9.0#

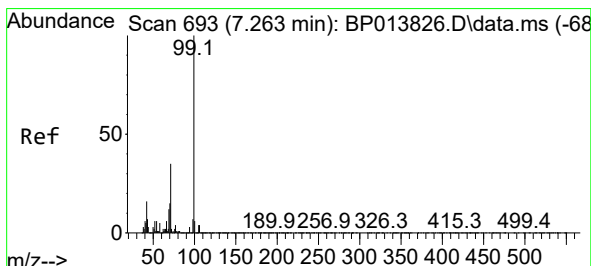
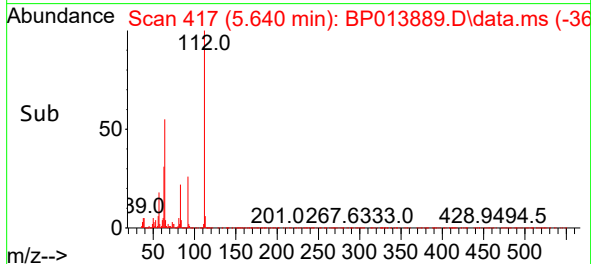
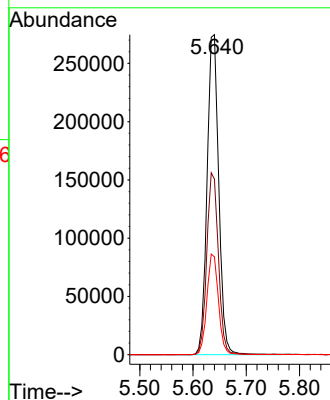
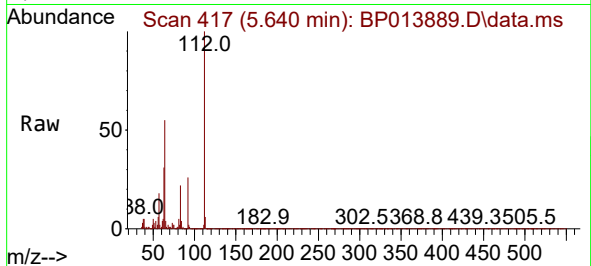




#5
2-Fluorophenol
Concen: 64.391 ng
RT: 5.640 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

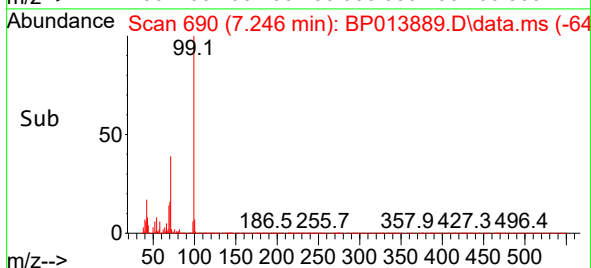
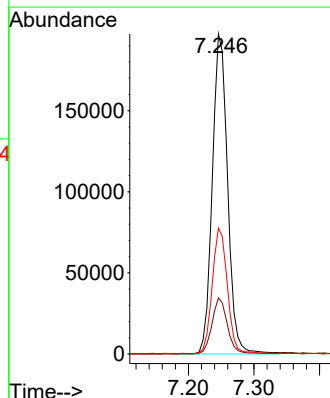
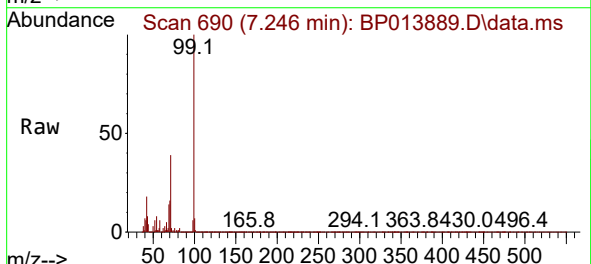
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

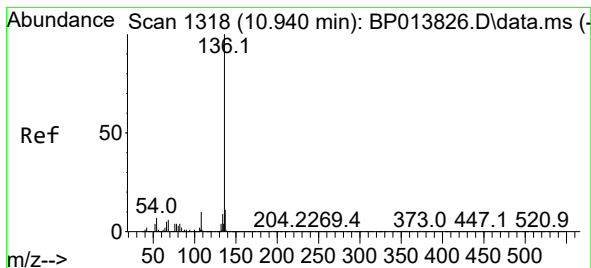
Tgt Ion:112 Resp: 416803
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 30.6 23.6 35.4



#7
Phenol-d6
Concen: 38.539 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion: 99 Resp: 319497
Ion Ratio Lower Upper
99 100
42 17.5 12.5 18.7
71 39.3 27.8 41.8

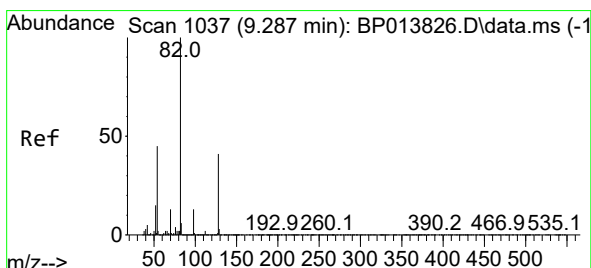
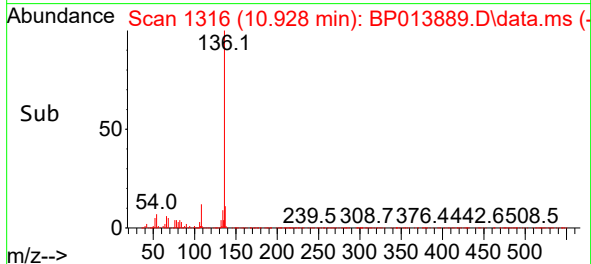
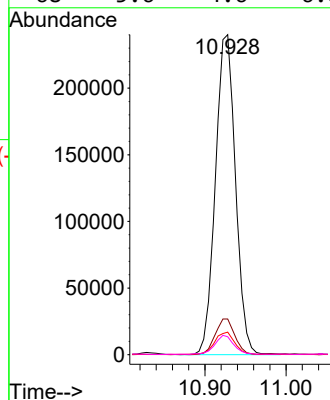
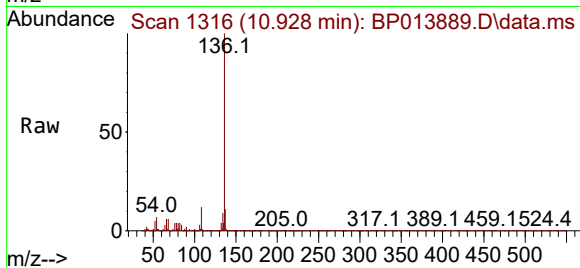




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

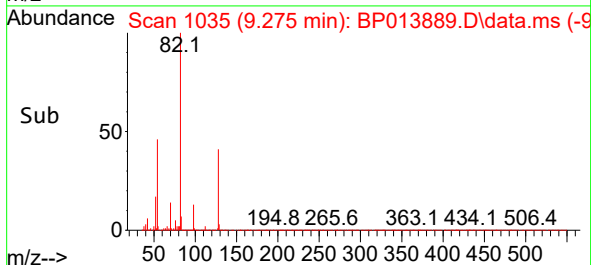
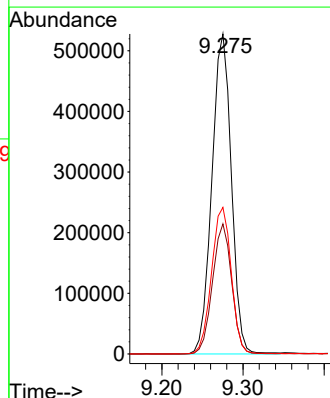
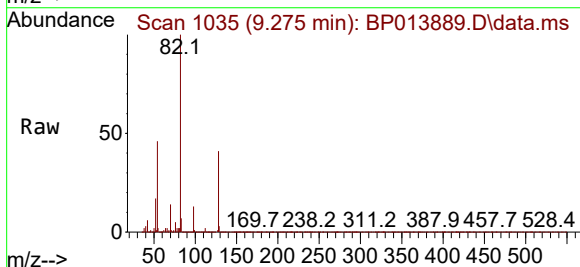
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

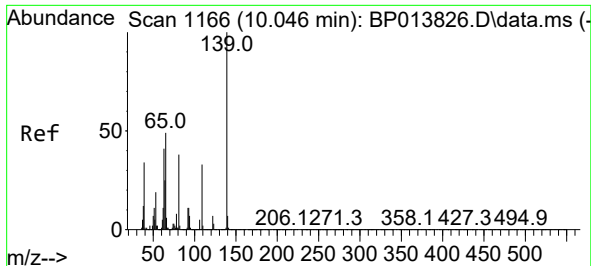
Tgt Ion:	136	Resp:	412816
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	5.8	8.6
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 114.855 ng
RT: 9.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:	82	Resp:	878036
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.9	49.3
54	45.8	35.6	53.4

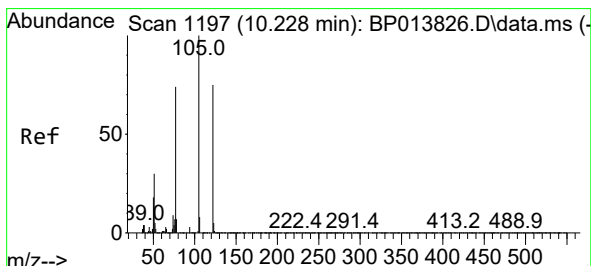
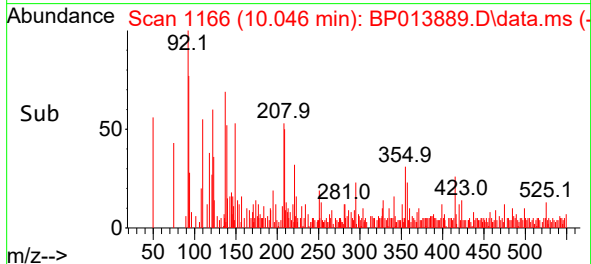
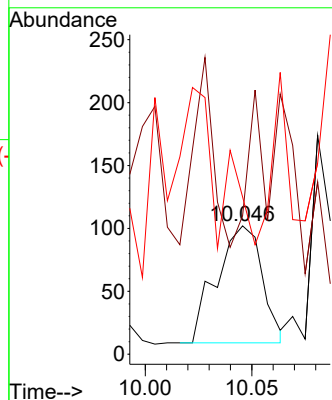
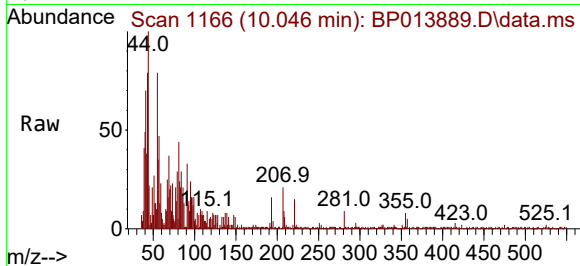




#26
2-Nitrophenol
Concen: 2.803 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

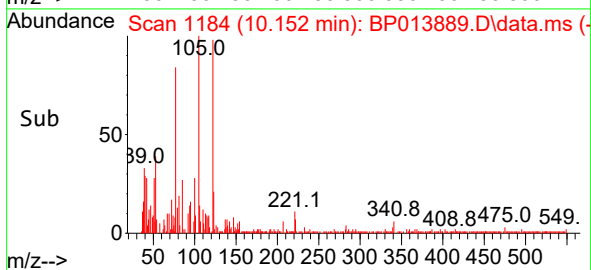
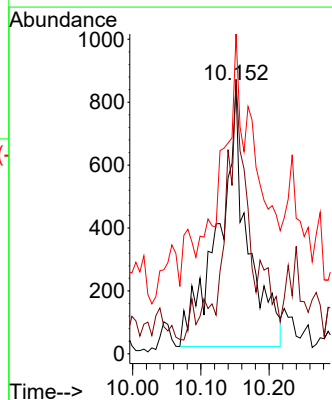
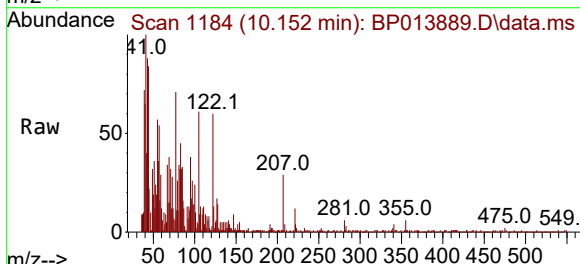
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

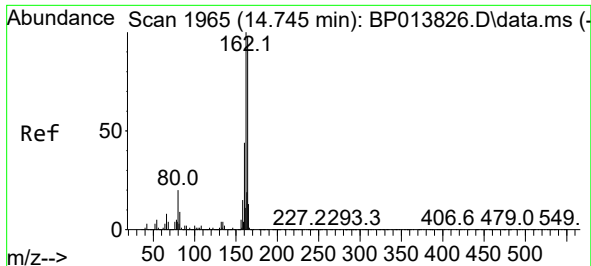
Tgt Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 156.0 26.7 40.1#
65 100.0 39.4 59.2#



#32
Benzoic acid
Concen: 5.526 ng
RT: 10.152 min Scan# 1184
Delta R.T. -0.065 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:122 Resp: 2450
Ion Ratio Lower Upper
122 100
105 102.1 107.4 147.4#
77 118.9 76.0 116.0#

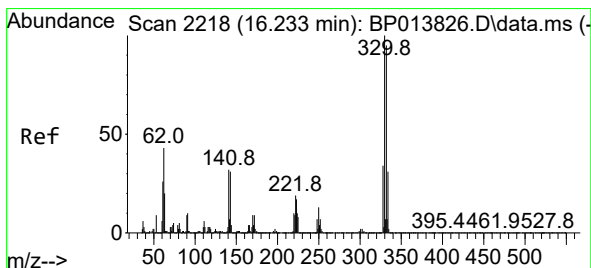
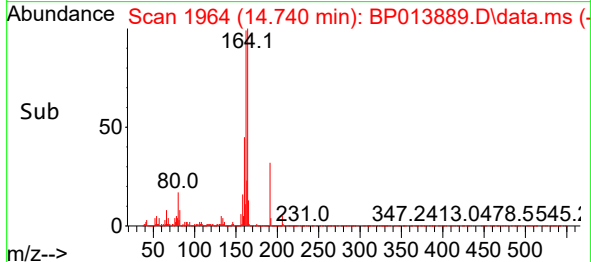
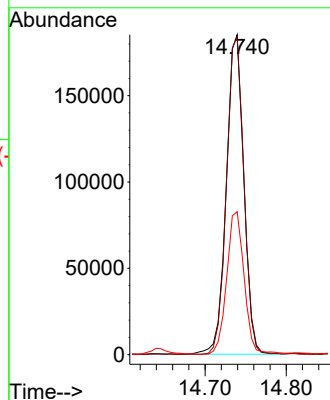
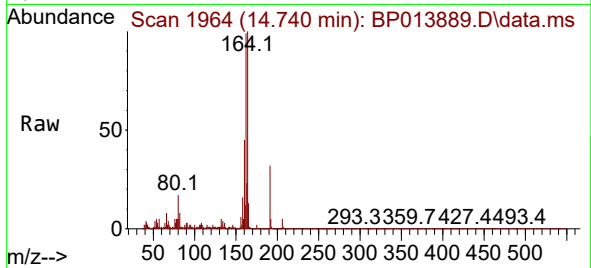




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

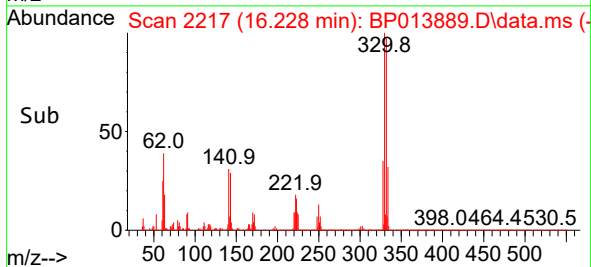
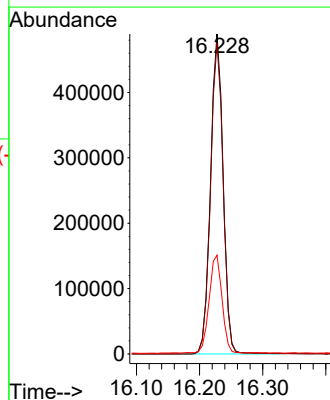
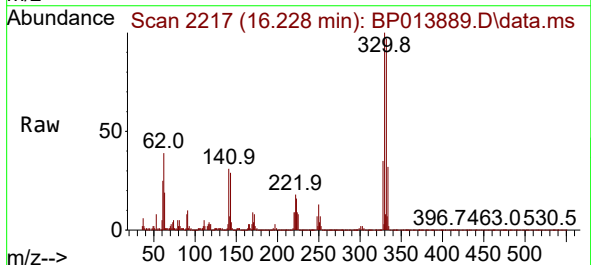
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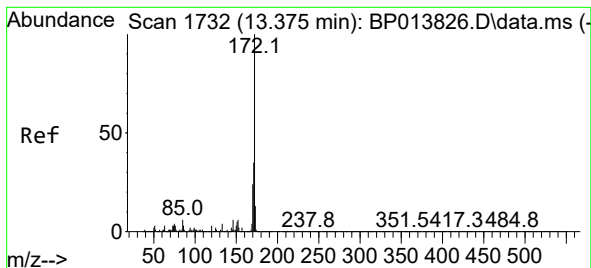
Tgt Ion:164 Resp: 275794
Ion Ratio Lower Upper
164 100
162 99.2 81.7 122.5
160 44.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 169.172 ng
RT: 16.228 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:330 Resp: 679165
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 31.8 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 98.264 ng

RT: 13.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222

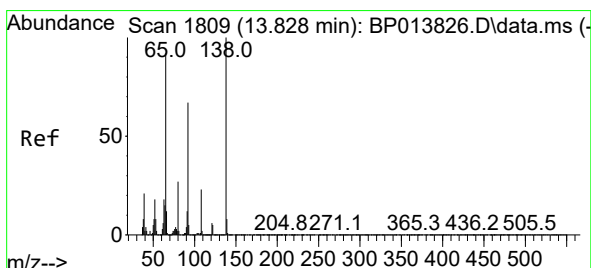
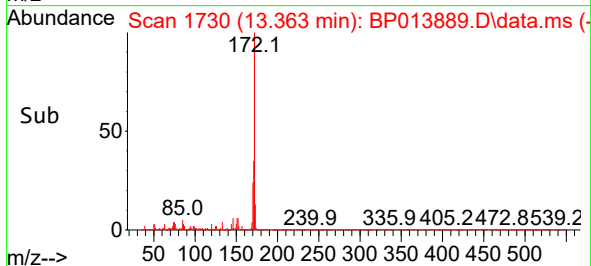
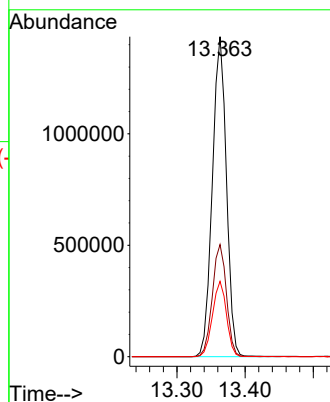
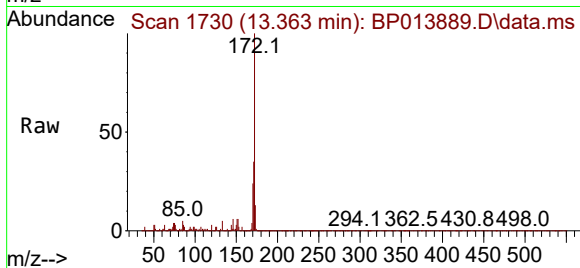
Tgt Ion:172 Resp: 2063290

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 3.278 ng

RT: 13.840 min Scan# 1811

Delta R.T. 0.018 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

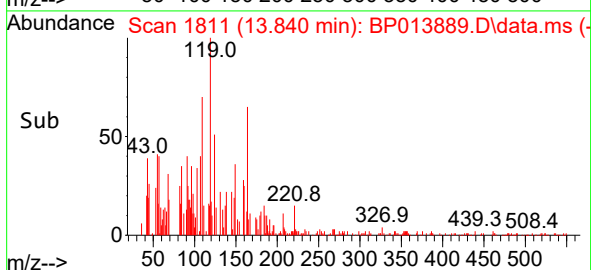
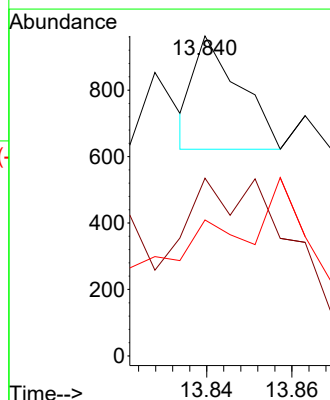
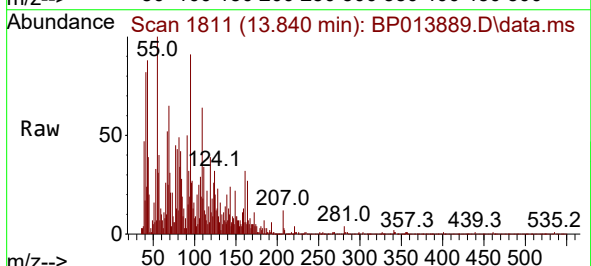
Tgt Ion: 65 Resp: 250

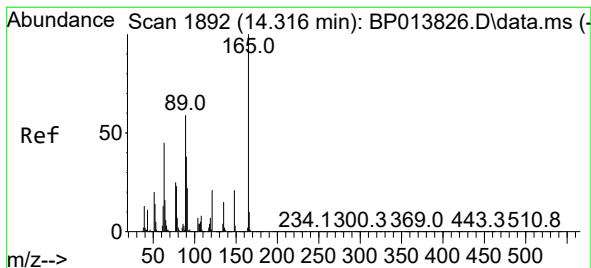
Ion Ratio Lower Upper

65 100

92 55.6 58.7 88.1#

138 42.5 87.3 130.9#

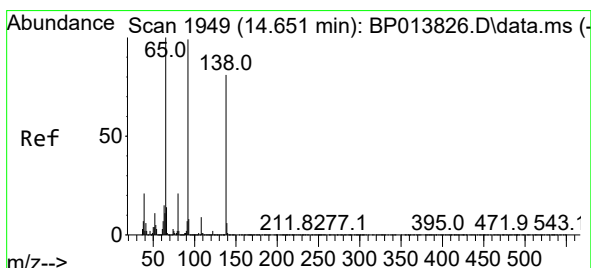
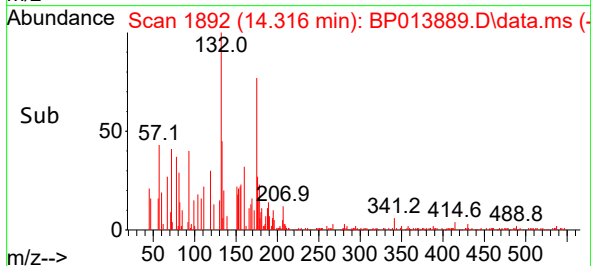
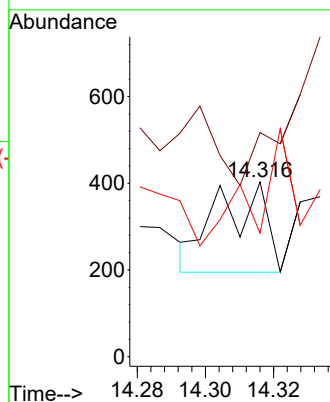
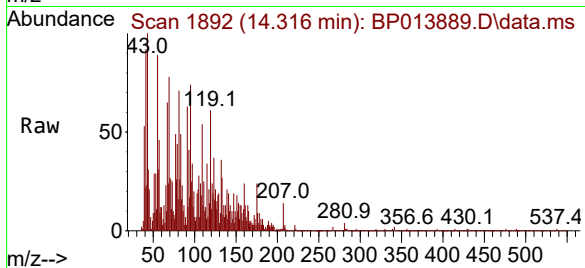




#51
2,6-Dinitrotoluene
Concen: 2.027 ng
RT: 14.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

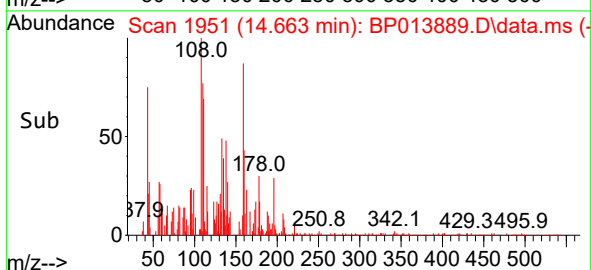
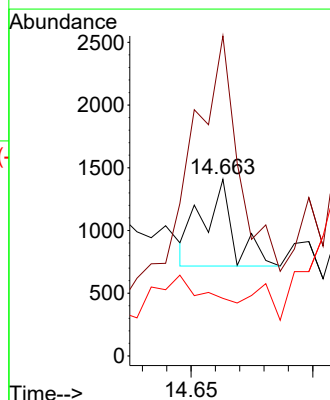
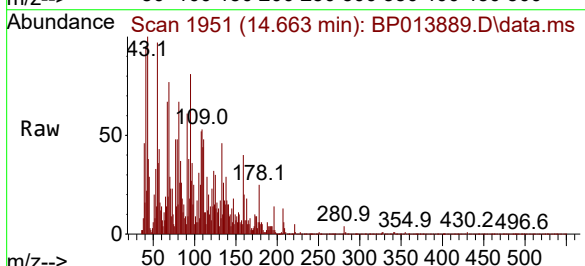
Instrument :
BNA_P
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MW-1-0222

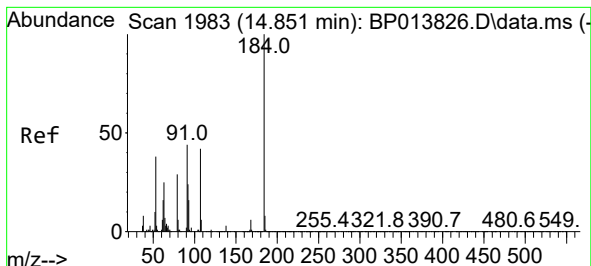
Tgt Ion:165 Resp: 199
Ion Ratio Lower Upper
165 100
63 128.3 42.6 63.8#
89 70.7 47.1 70.7#



#53
3-Nitroaniline
Concen: 2.124 ng
RT: 14.663 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:138 Resp: 617
Ion Ratio Lower Upper
138 100
108 181.2 9.0 13.4#
92 32.6 97.1 145.7#





#54

2,4-Dinitrophenol

Concen: 5.347 ng

RT: 14.869 min Scan# 1983

Delta R.T. 0.024 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222

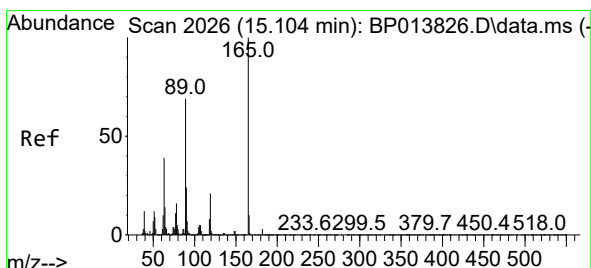
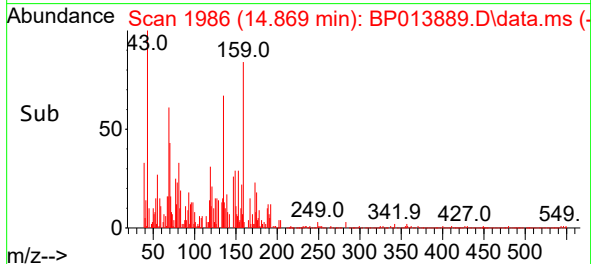
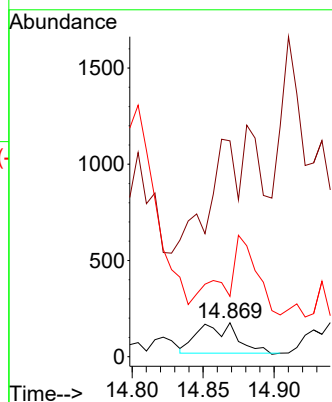
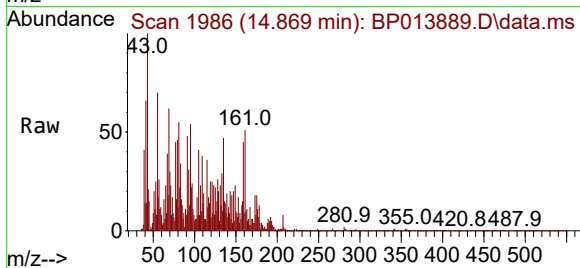
Tgt Ion:184 Resp: 295

Ion Ratio Lower Upper

184 100

63 637.5 47.0 70.4#

154 177.8 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 2.350 ng

RT: 15.098 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Tgt Ion:165 Resp: 482

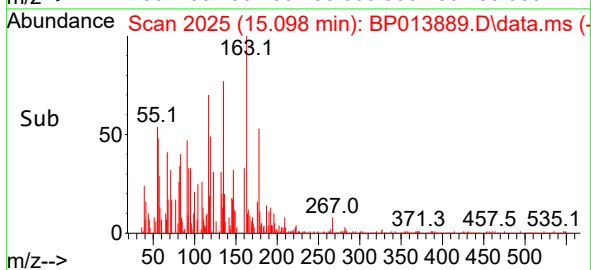
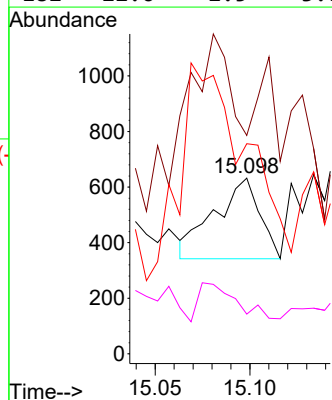
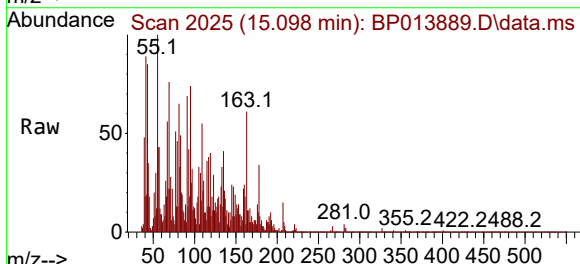
Ion Ratio Lower Upper

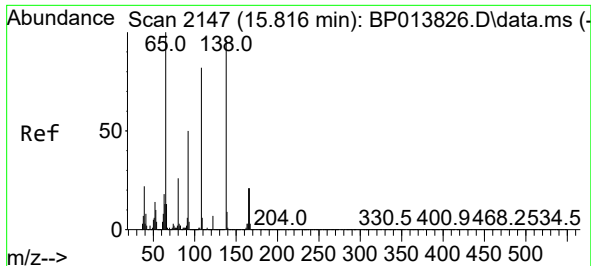
165 100

63 124.4 31.1 46.7#

89 119.6 54.9 82.3#

182 22.6 2.5 3.7#

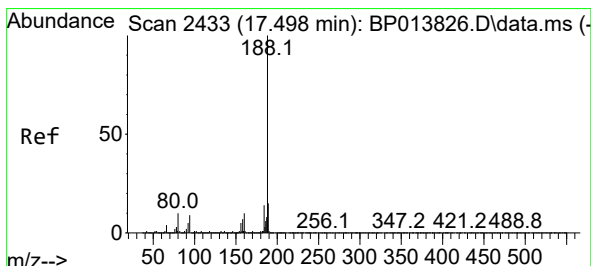
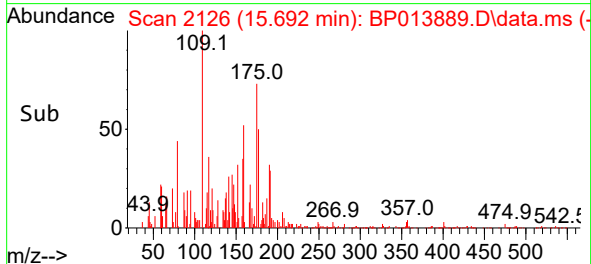
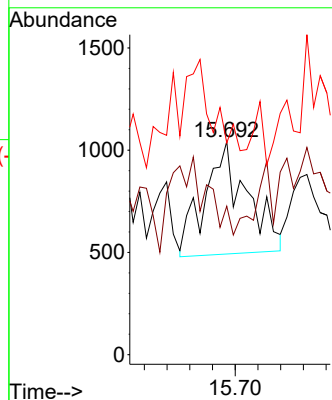
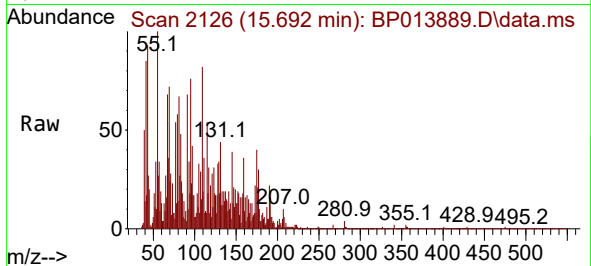




#62
4-Nitroaniline
Concen: 2.802 ng
RT: 15.692 min Scan# 2147
Delta R.T. -0.117 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

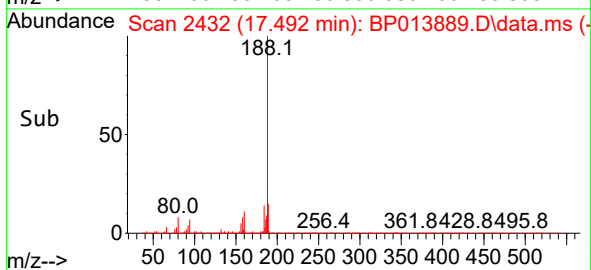
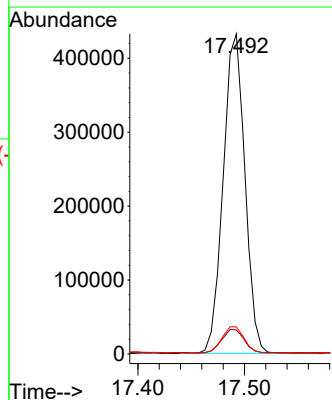
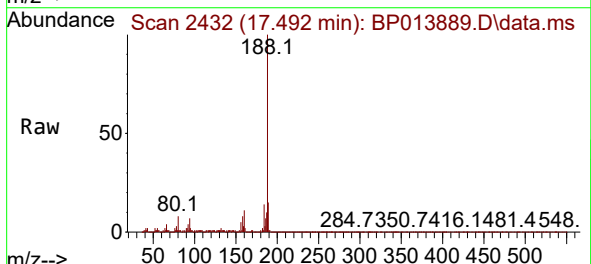
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

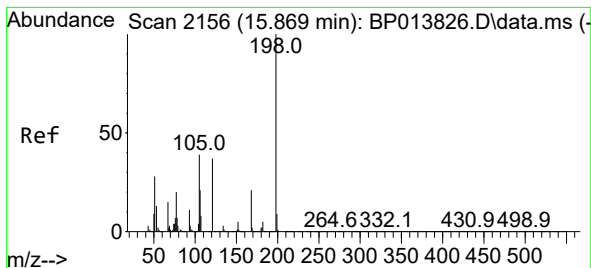
Tgt Ion:138 Resp: 1413
Ion Ratio Lower Upper
138 100
92 69.6 32.0 72.0
108 99.2 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:188 Resp: 612693
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.4 7.8 11.8

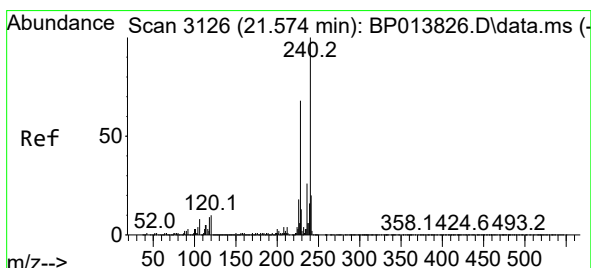
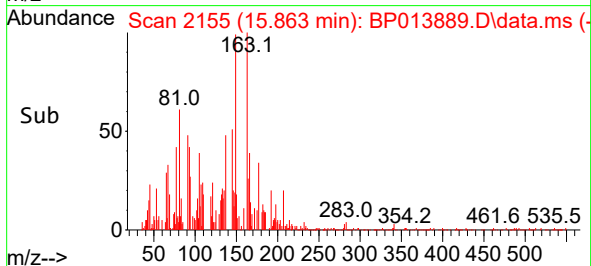
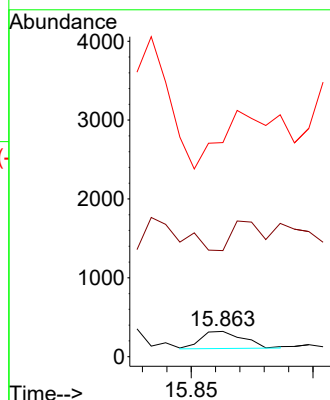
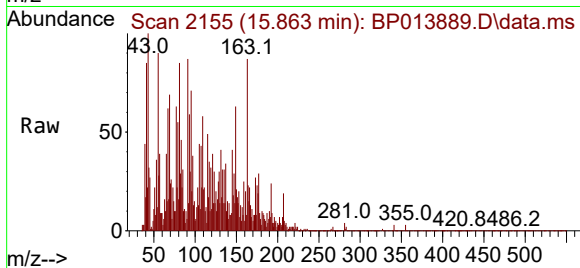




#65
4,6-Dinitro-2-methylphenol
Concen: 4.680 ng
RT: 15.863 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

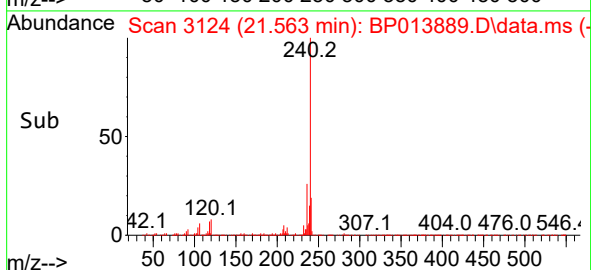
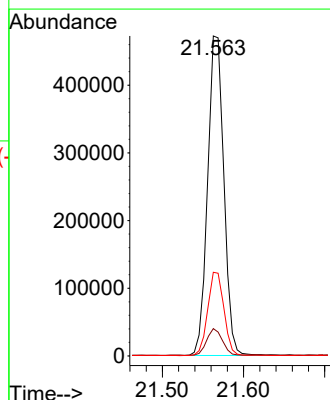
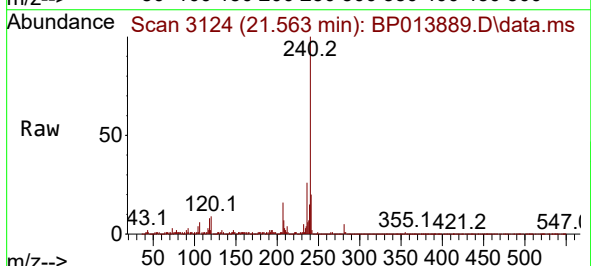
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

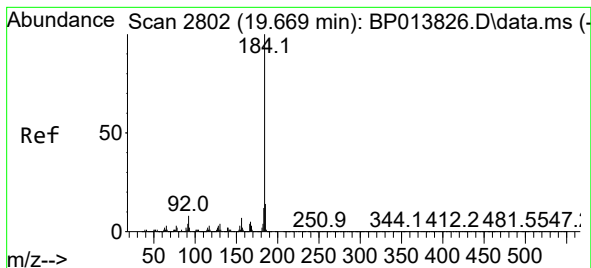
Tgt Ion:198 Resp: 268
Ion Ratio Lower Upper
198 100
51 419.0 14.3 54.3#
105 845.8 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:240 Resp: 655041
Ion Ratio Lower Upper
240 100
120 8.6 7.9 11.9
236 26.2 20.9 31.3





#77

Benzidine

Concen: 2.305 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222

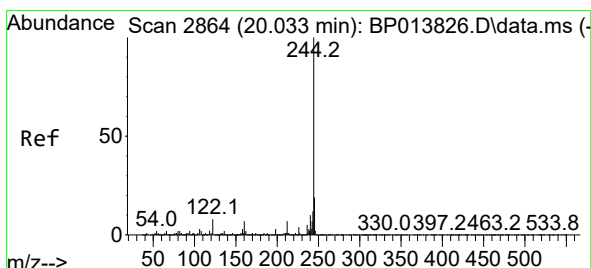
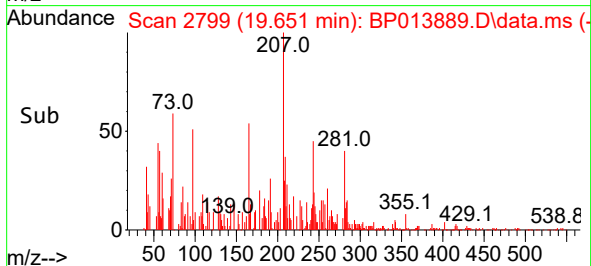
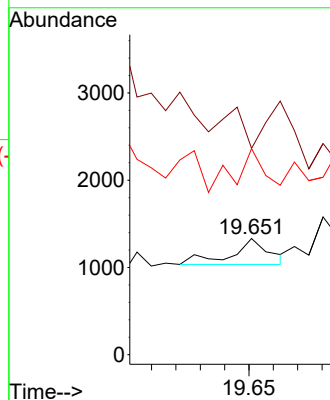
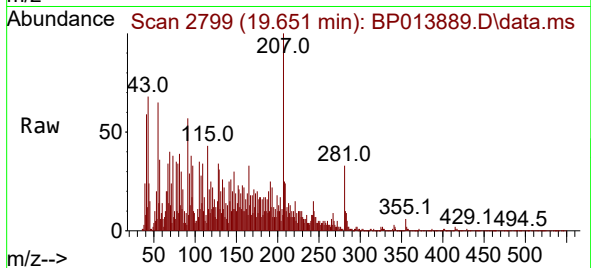
Tgt Ion:184 Resp: 318

Ion Ratio Lower Upper

184 100

185 177.7 11.4 17.0#

183 177.5 9.6 14.4#



#79

Terphenyl-d14

Concen: 96.701 ng

RT: 20.022 min Scan# 2862

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

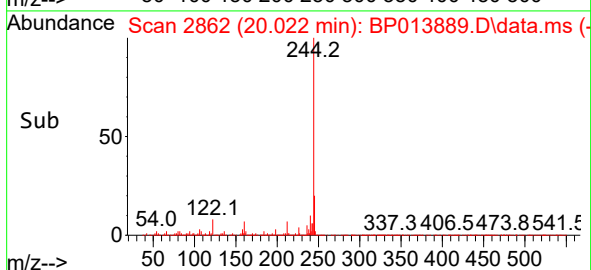
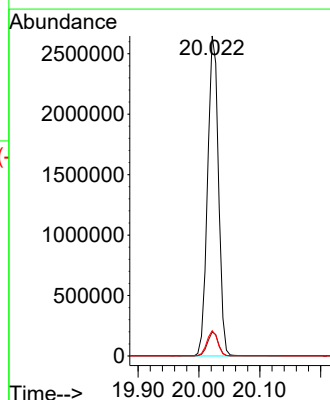
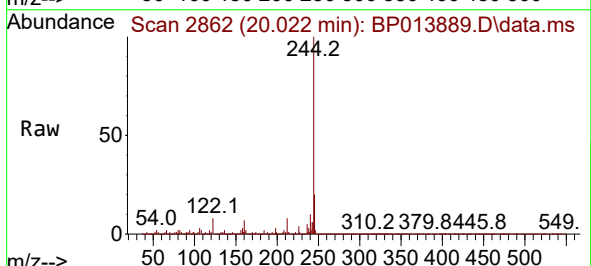
Tgt Ion:244 Resp: 3292285

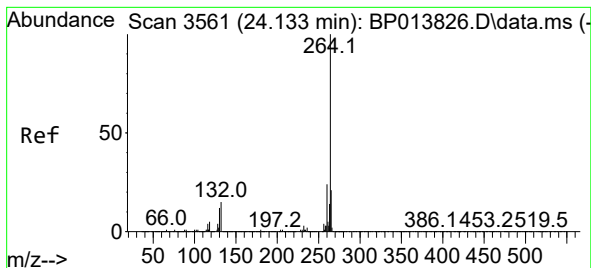
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 7.9 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.116 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013889.D

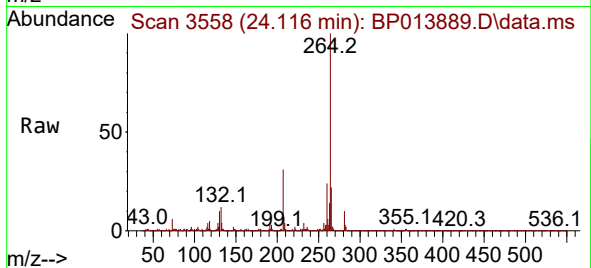
Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222



Tgt Ion:264 Resp: 747166

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.3 17.6 26.4

