

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013836.D
 Acq On : 16 Feb 2023 19:52
 Operator : CG/JU
 Sample : PB150826TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150826TB

Quant Time: Feb 17 05:11:47 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)

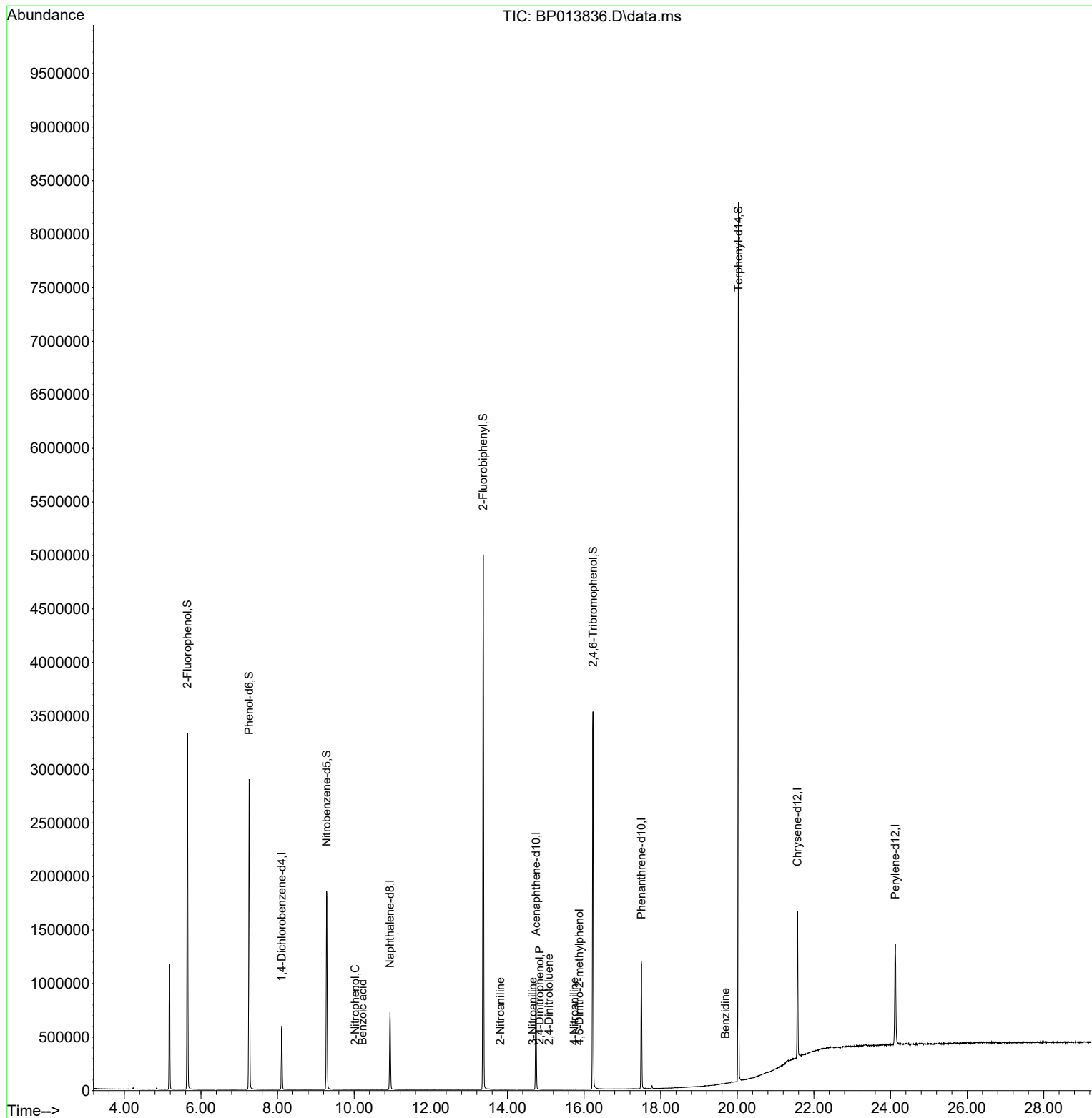
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	163261	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	598556	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	350280	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	732478	20.000	ng	0.00
76) Chrysene-d12	21.568	240	696653	20.000	ng	0.00
86) Perylene-d12	24.121	264	780208	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1446552	146.028	ng	0.00
7) Phenol-d6	7.257	99	1707880	134.618	ng	0.00
23) Nitrobenzene-d5	9.281	82	1115171	100.607	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	702303	137.736	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2559846	95.988	ng	0.00
79) Terphenyl-d14	20.027	244	3861012	106.632	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.028	139	19	2.772	ng	# 1
32) Benzoic acid	10.216	122	24	5.078	ng	# 1
48) 2-Nitroaniline	13.816	65	29	3.234	ng	# 18
53) 3-Nitroaniline	14.663	138	6	2.009	ng	# 38
54) 2,4-Dinitrophenol	14.839	184	12	5.265	ng	# 1
57) 2,4-Dinitrotoluene	15.081	165	44	2.286	ng	# 22
62) 4-Nitroaniline	15.745	138	10	2.549	ng	86
65) 4,6-Dinitro-2-methylph...	15.875	198	13	4.626	ng	# 1
77) Benzidine	19.686	184	1580	2.388	ng	# 87

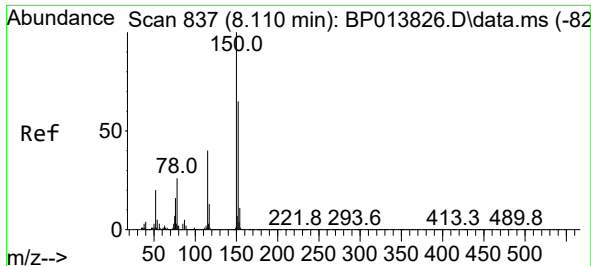
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
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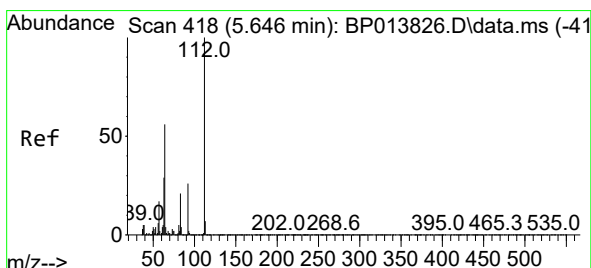
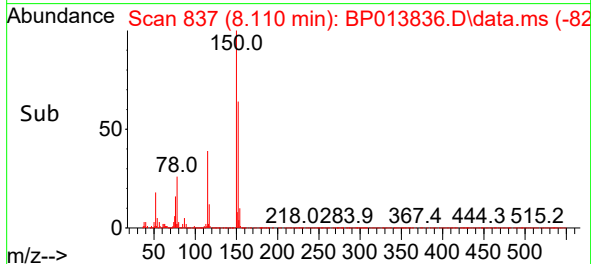
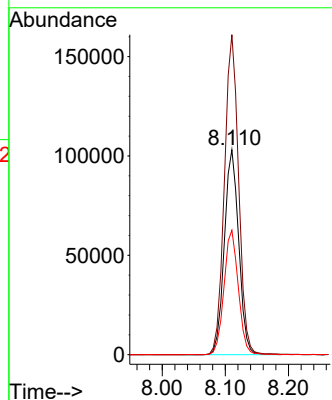
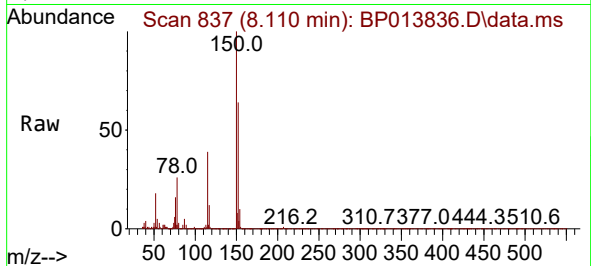




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

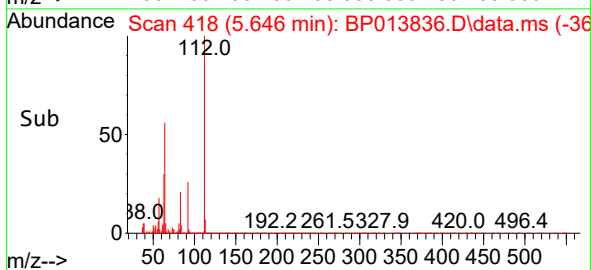
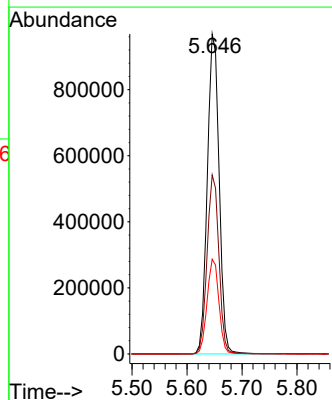
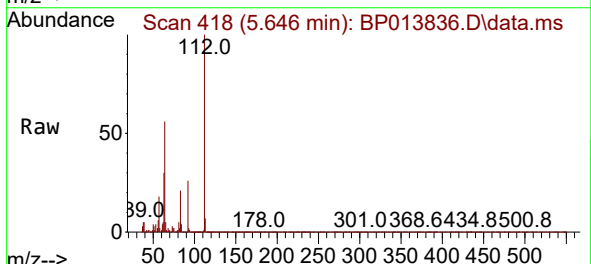
Instrument :
BNA_P
ClientSampleId :
PB150826TB

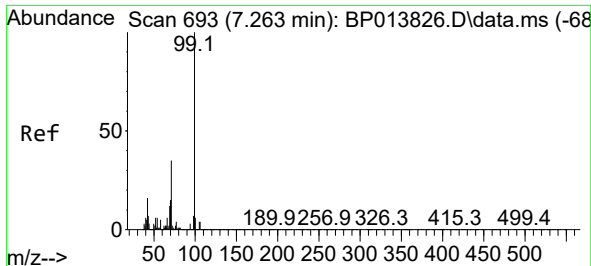
Tgt Ion:152 Resp: 163261
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 60.7 49.0 73.6



#5
2-Fluorophenol
Concen: 146.028 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:112 Resp: 1446552
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 29.6 23.6 35.4



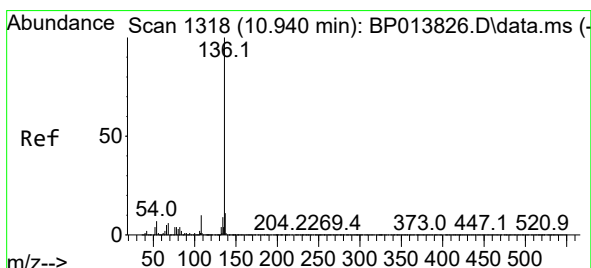
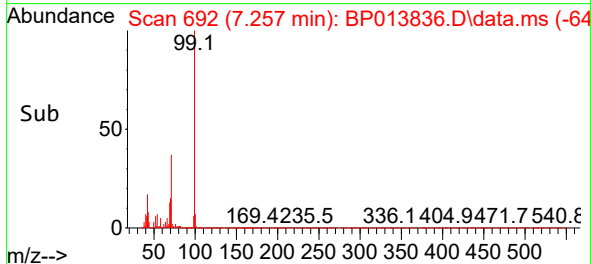
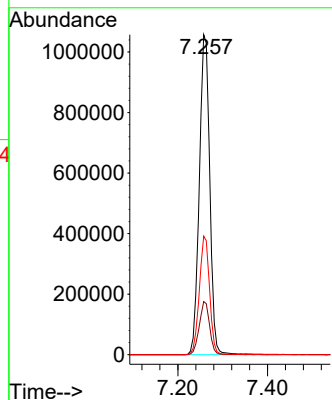
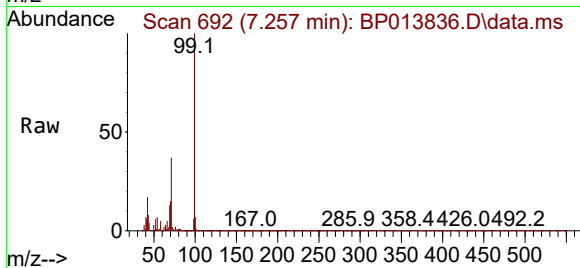


#7
Phenol-d6
Concen: 134.618 ng
RT: 7.257 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Instrument :
BNA_P
ClientSampleId :
PB150826TB

Tgt Ion: 99 Resp: 1707880

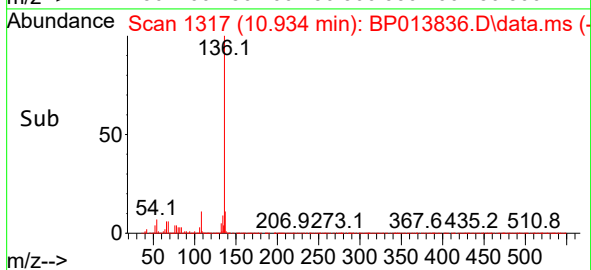
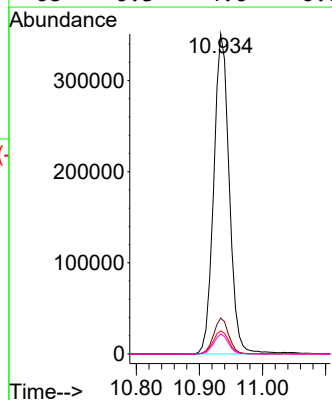
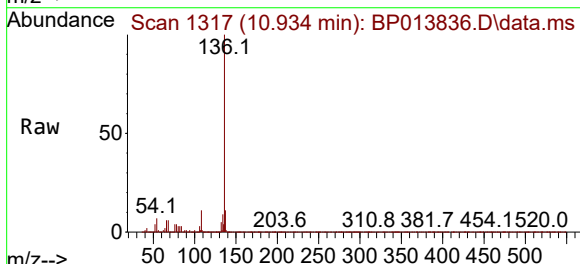
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.5	18.7
71	37.0	27.8	41.8

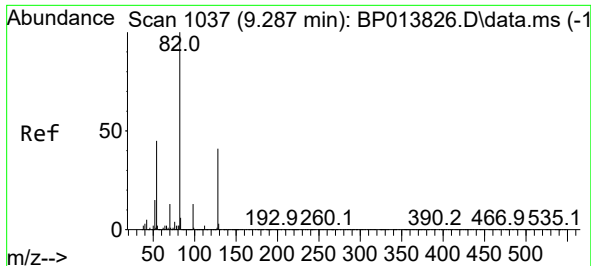


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion: 136 Resp: 598556

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.2	5.8	8.6
68	6.3	4.6	6.8

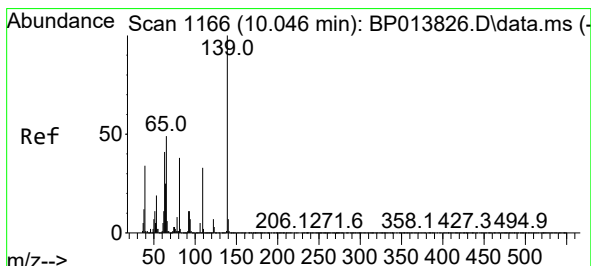
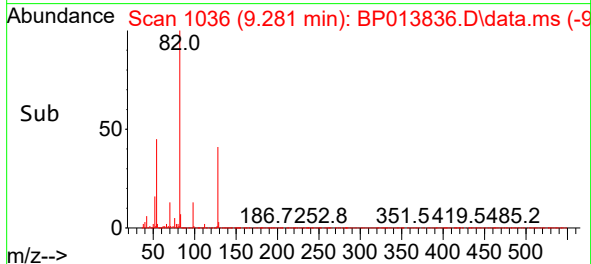
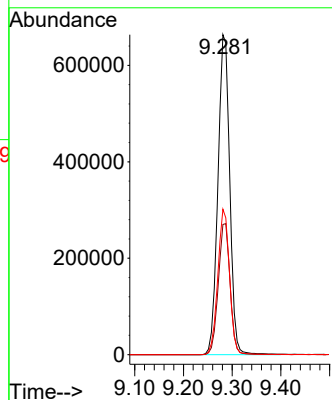
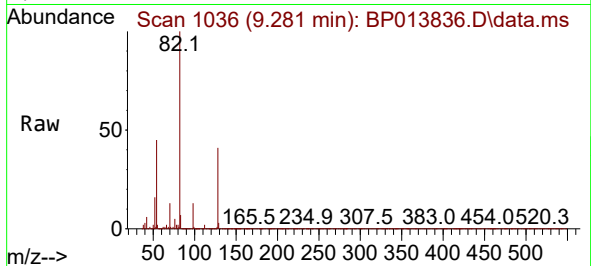




#23
Nitrobenzene-d5
Concen: 100.607 ng
RT: 9.281 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

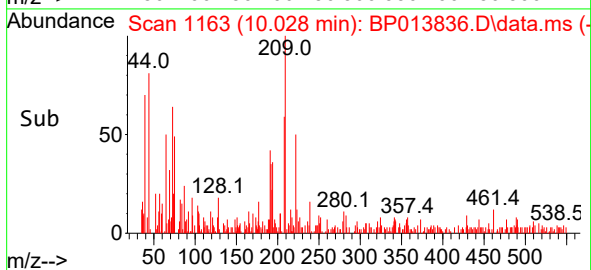
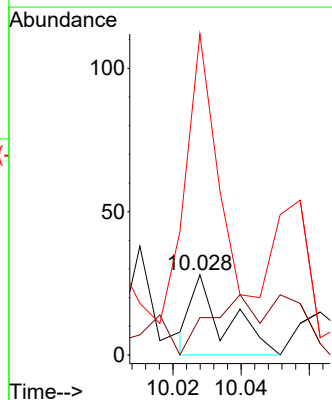
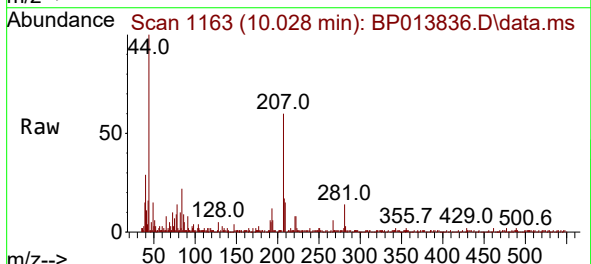
Instrument :
BNA_P
ClientSampleId :
PB150826TB

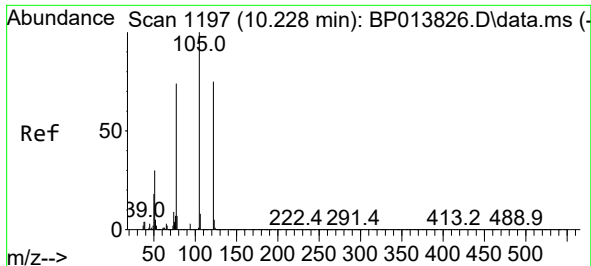
Tgt Ion: 82 Resp: 1115171
Ion Ratio Lower Upper
82 100
128 40.7 32.9 49.3
54 45.4 35.6 53.4



#26
2-Nitrophenol
Concen: 2.772 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 78.6 26.7 40.1#
65 400.0 39.4 59.2#

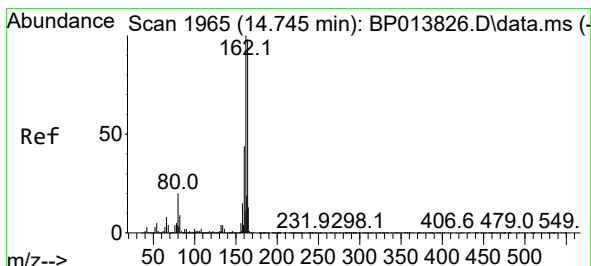
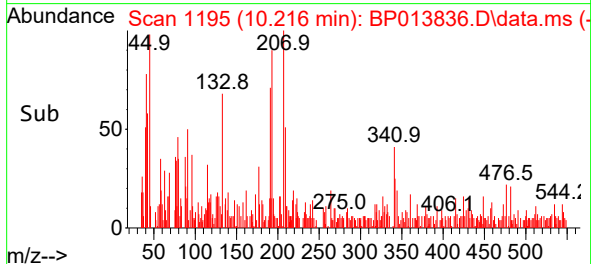
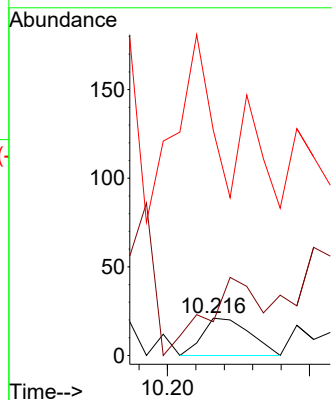
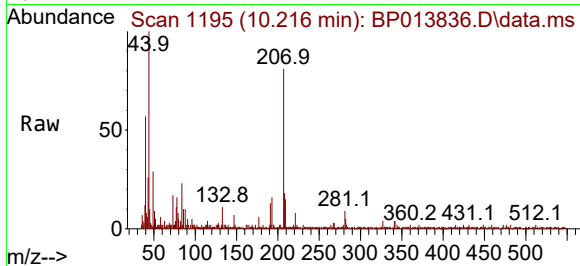




#32
Benzoic acid
Concen: 5.078 ng
RT: 10.216 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

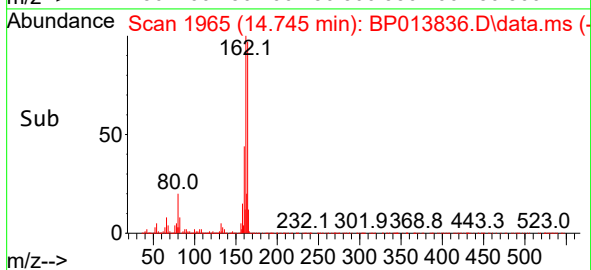
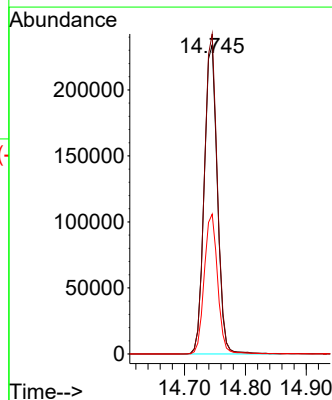
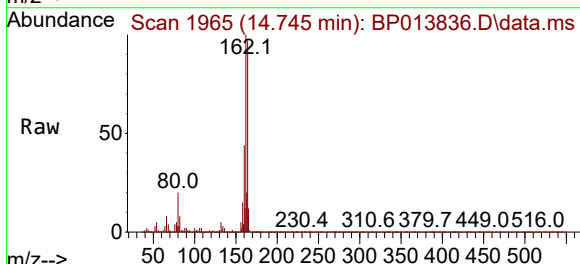
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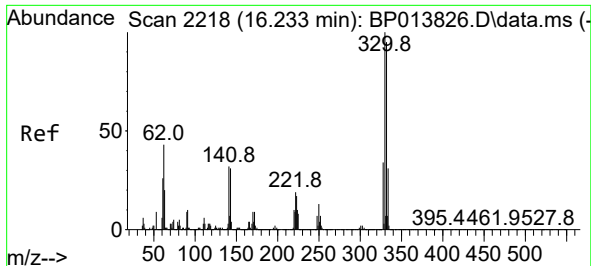
Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 90.5 107.4 147.4#
77 604.8 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:164 Resp: 350280
Ion Ratio Lower Upper
164 100
162 103.5 81.7 122.5
160 45.2 36.1 54.1

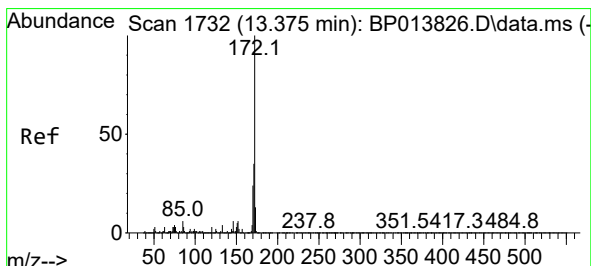
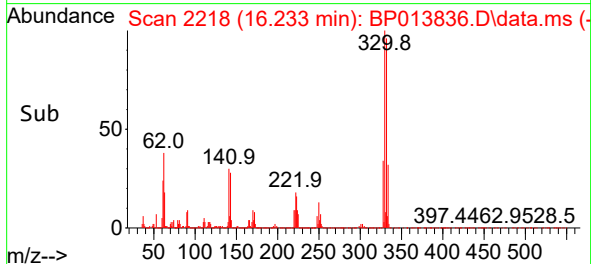
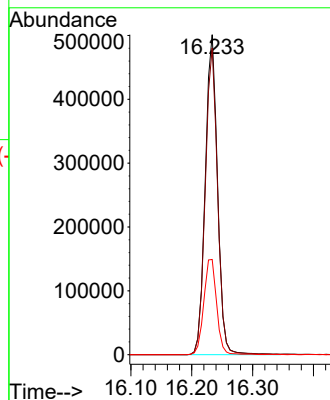
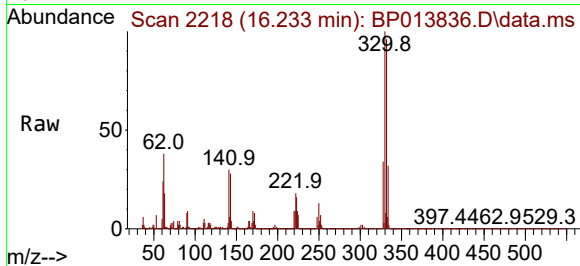




#42
2,4,6-Tribromophenol
Concen: 137.736 ng
RT: 16.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

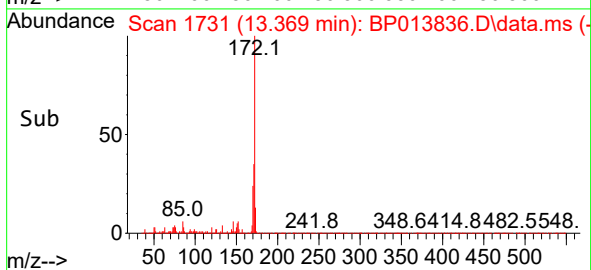
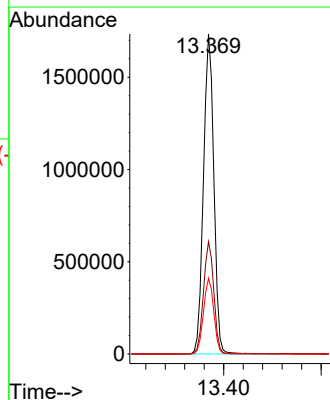
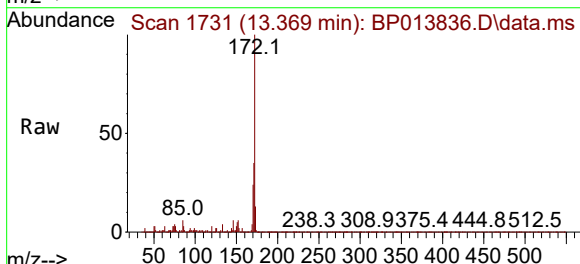
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ClientSampleId :
PB150826TB

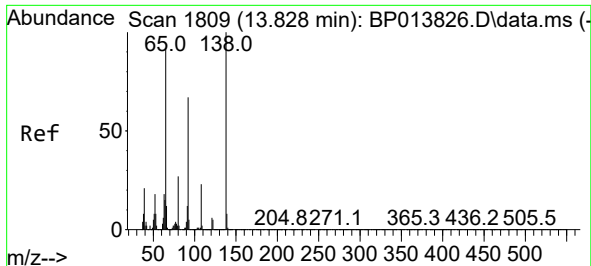
Tgt Ion:330 Resp: 702303
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 31.3 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 95.988 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:172 Resp: 2559846
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.0 28.4

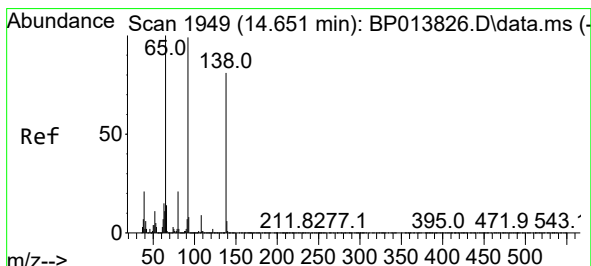
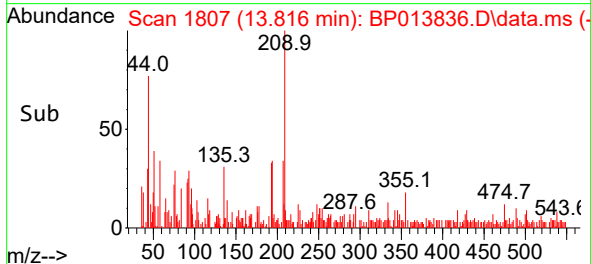
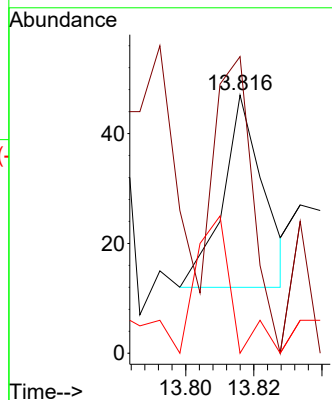
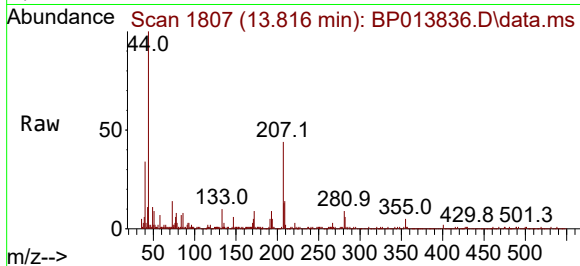




#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

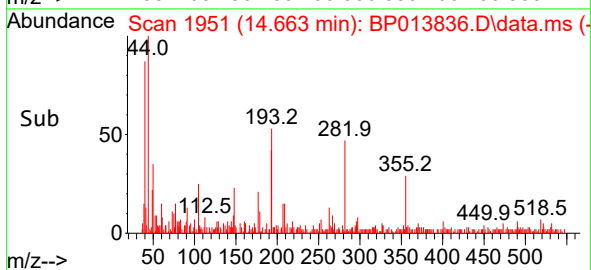
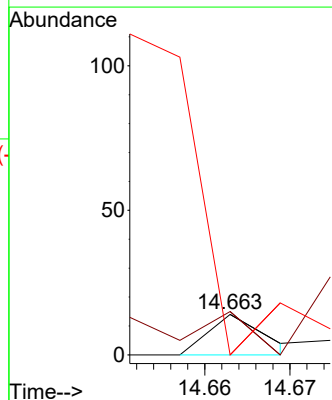
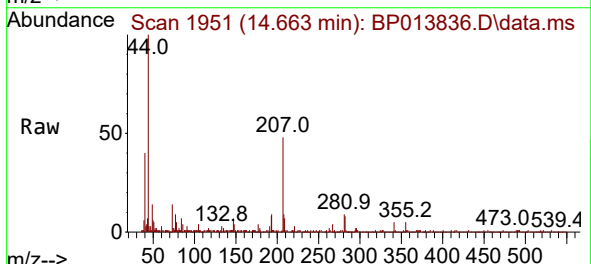
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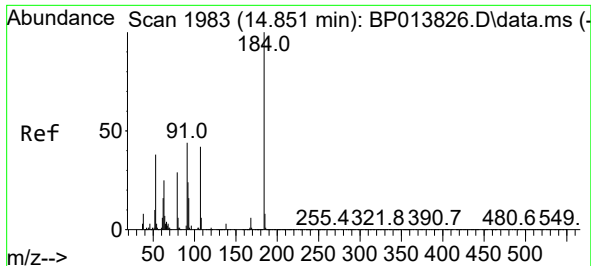
Tgt Ion: 65 Resp: 29
Ion Ratio Lower Upper
65 100
92 114.9 58.7 88.1#
138 0.0 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.009 ng
RT: 14.663 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion: 138 Resp: 6
Ion Ratio Lower Upper
138 100
108 107.1 9.0 13.4#
92 71.4 97.1 145.7#

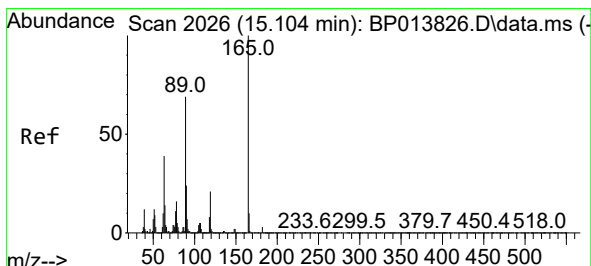
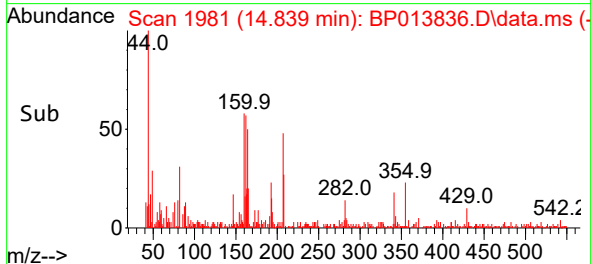
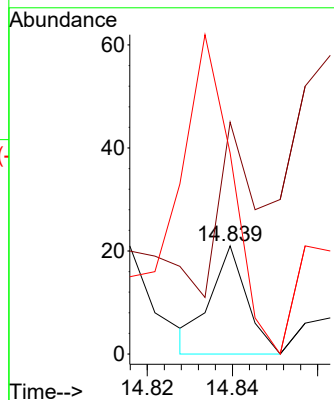
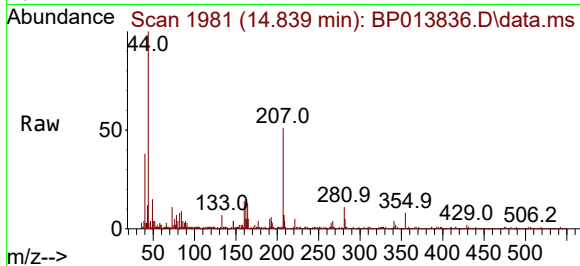




#54
2,4-Dinitrophenol
Concen: 5.265 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

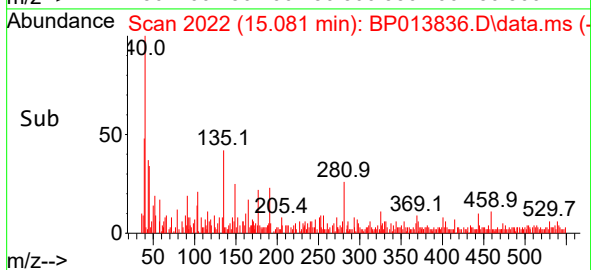
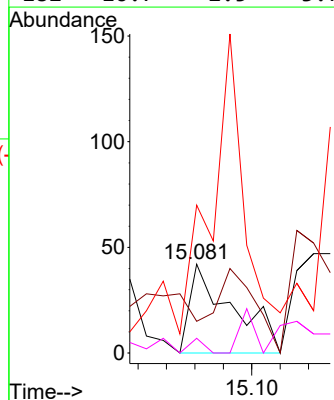
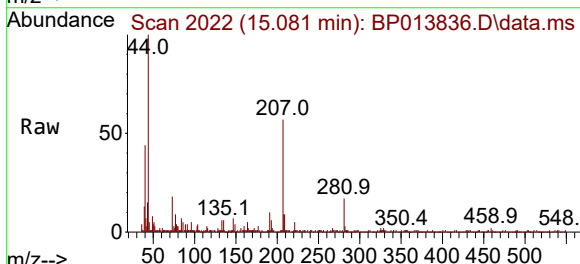
Instrument :
BNA_P
ClientSampleId :
PB150826TB

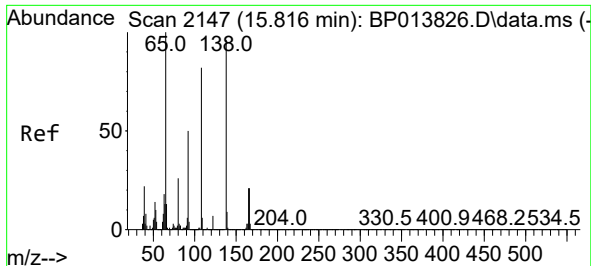
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 214.3 47.0 70.4#
154 185.7 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.286 ng
RT: 15.081 min Scan# 2022
Delta R.T. -0.023 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:165 Resp: 44
Ion Ratio Lower Upper
165 100
63 35.7 31.1 46.7
89 166.7 54.9 82.3#
182 16.7 2.5 3.7#

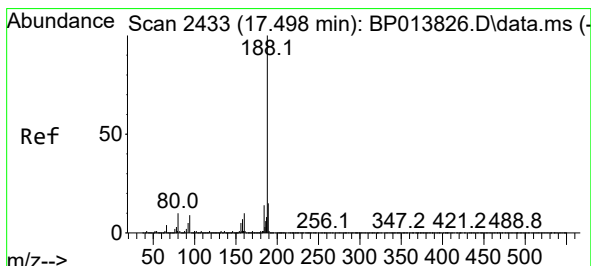
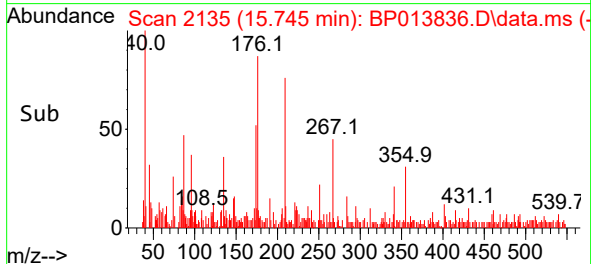
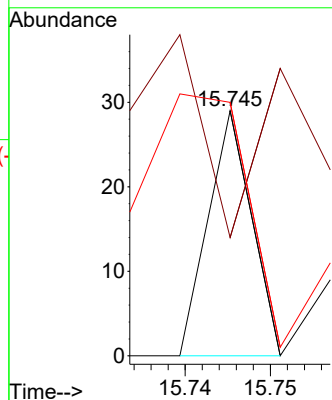
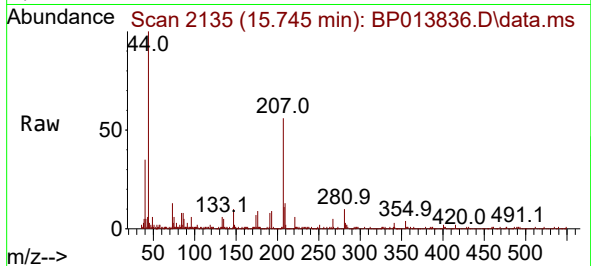




#62
4-Nitroaniline
Concen: 2.549 ng
RT: 15.745 min Scan# 2147
Delta R.T. -0.071 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

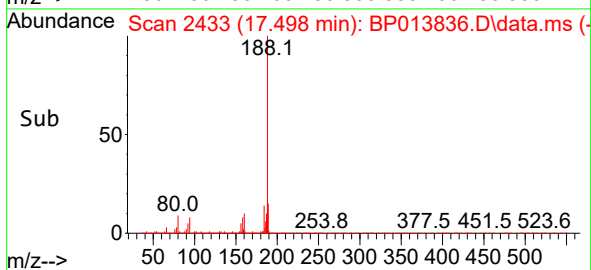
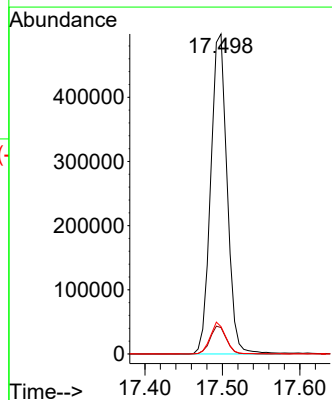
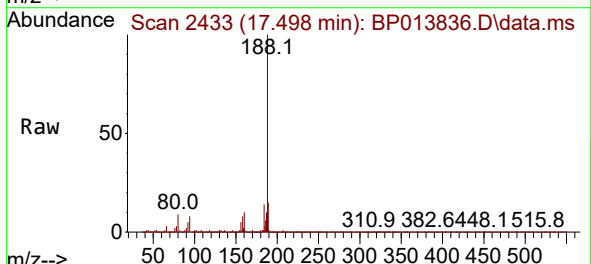
Instrument :
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ClientSampleId :
PB150826TB

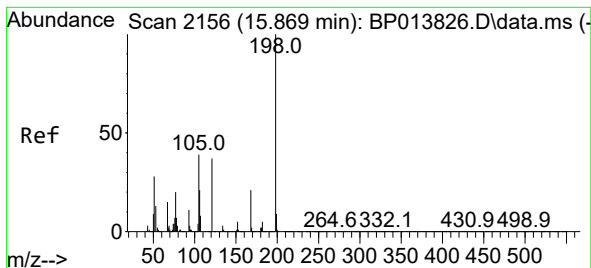
Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 48.3 32.0 72.0
108 103.4 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:188 Resp: 732478
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.6 7.8 11.8

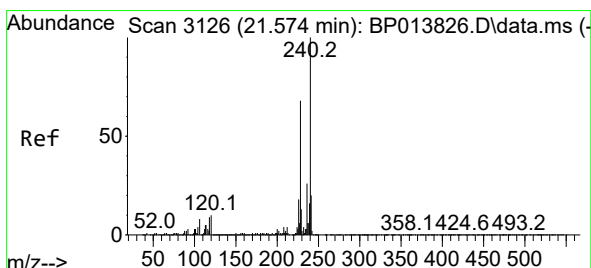
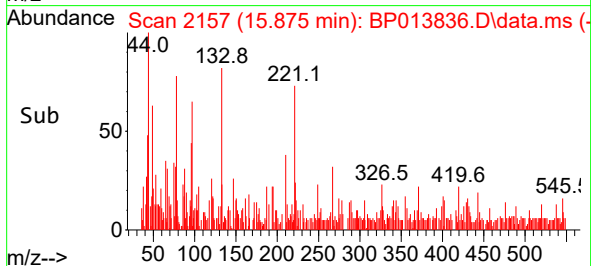
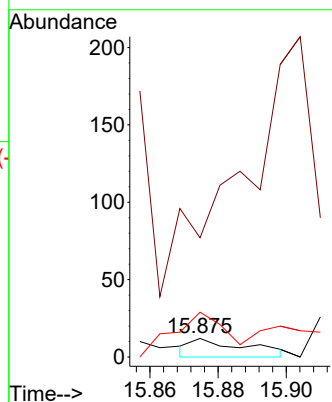
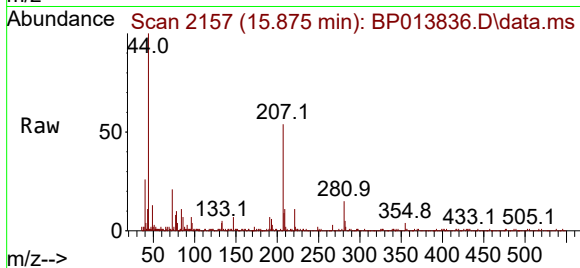




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

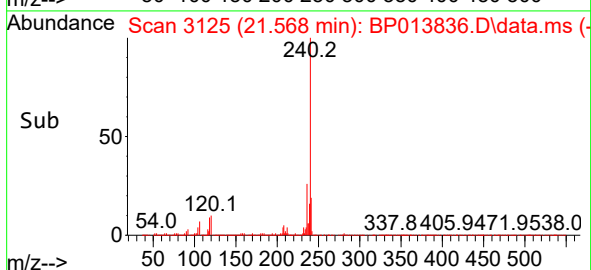
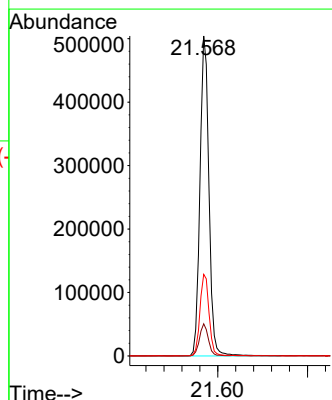
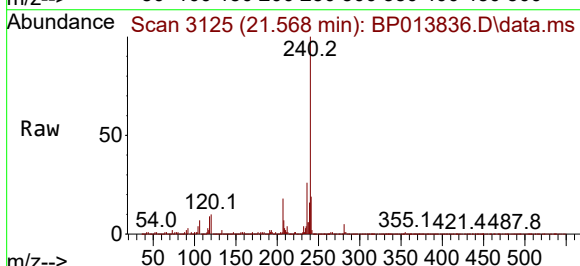
Instrument :
BNA_P
ClientSampleId :
PB150826TB

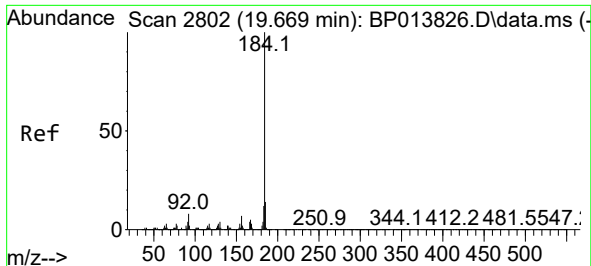
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 641.7 14.3 54.3#
105 241.7 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:240 Resp: 696653
Ion Ratio Lower Upper
240 100
120 10.0 7.9 11.9
236 25.5 20.9 31.3

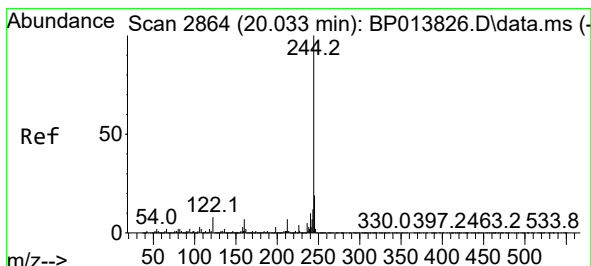
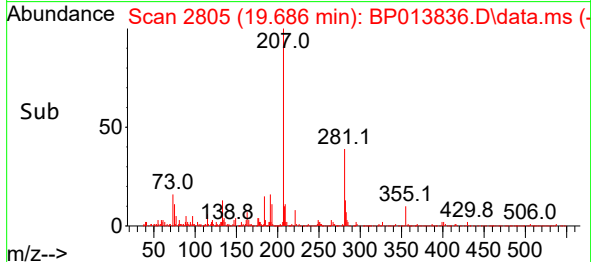
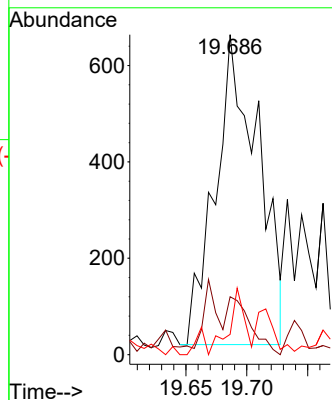
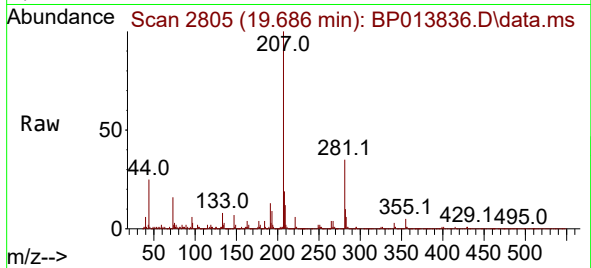




#77
Benzidine
Concen: 2.388 ng
RT: 19.686 min Scan# 2805
Delta R.T. 0.017 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

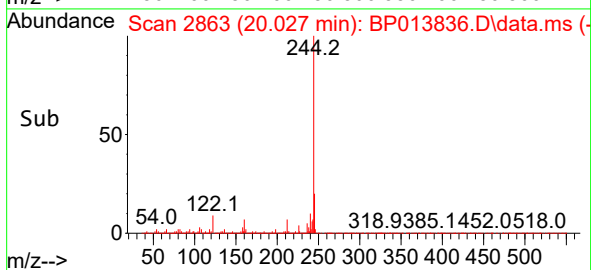
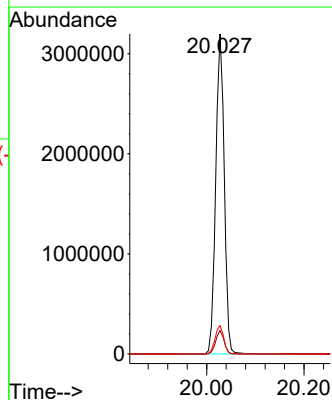
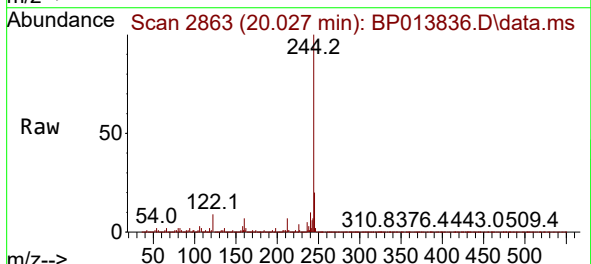
Instrument :
BNA_P
ClientSampleId :
PB150826TB

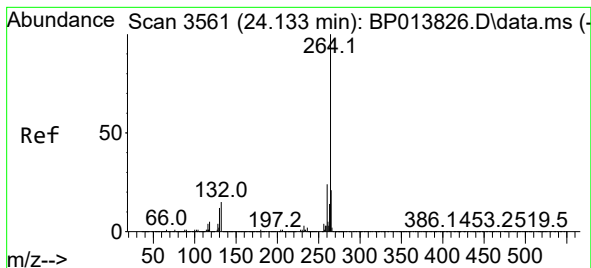
Tgt Ion:184 Resp: 1580
Ion Ratio Lower Upper
184 100
185 19.1 11.4 17.0#
183 6.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 106.632 ng
RT: 20.027 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BP013836.D
Acq: 16 Feb 2023 19:52

Tgt Ion:244 Resp: 3861012
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.9 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: BP013836.D

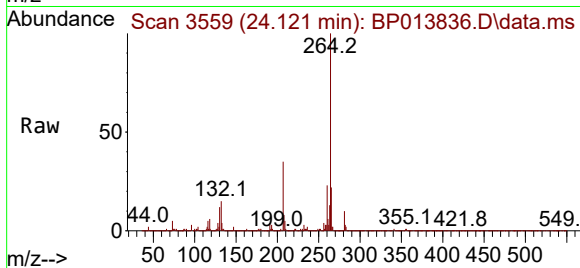
Acq: 16 Feb 2023 19:52

Instrument :

BNA_P

ClientSampleId :

PB150826TB



Tgt Ion:264 Resp: 780208

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 22.3 17.6 26.4

