

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013683.D
 Acq On : 31 Jan 2023 20:30
 Operator : CG/JU
 Sample : PB150501BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150501BL

Quant Time: Feb 01 06:32:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

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

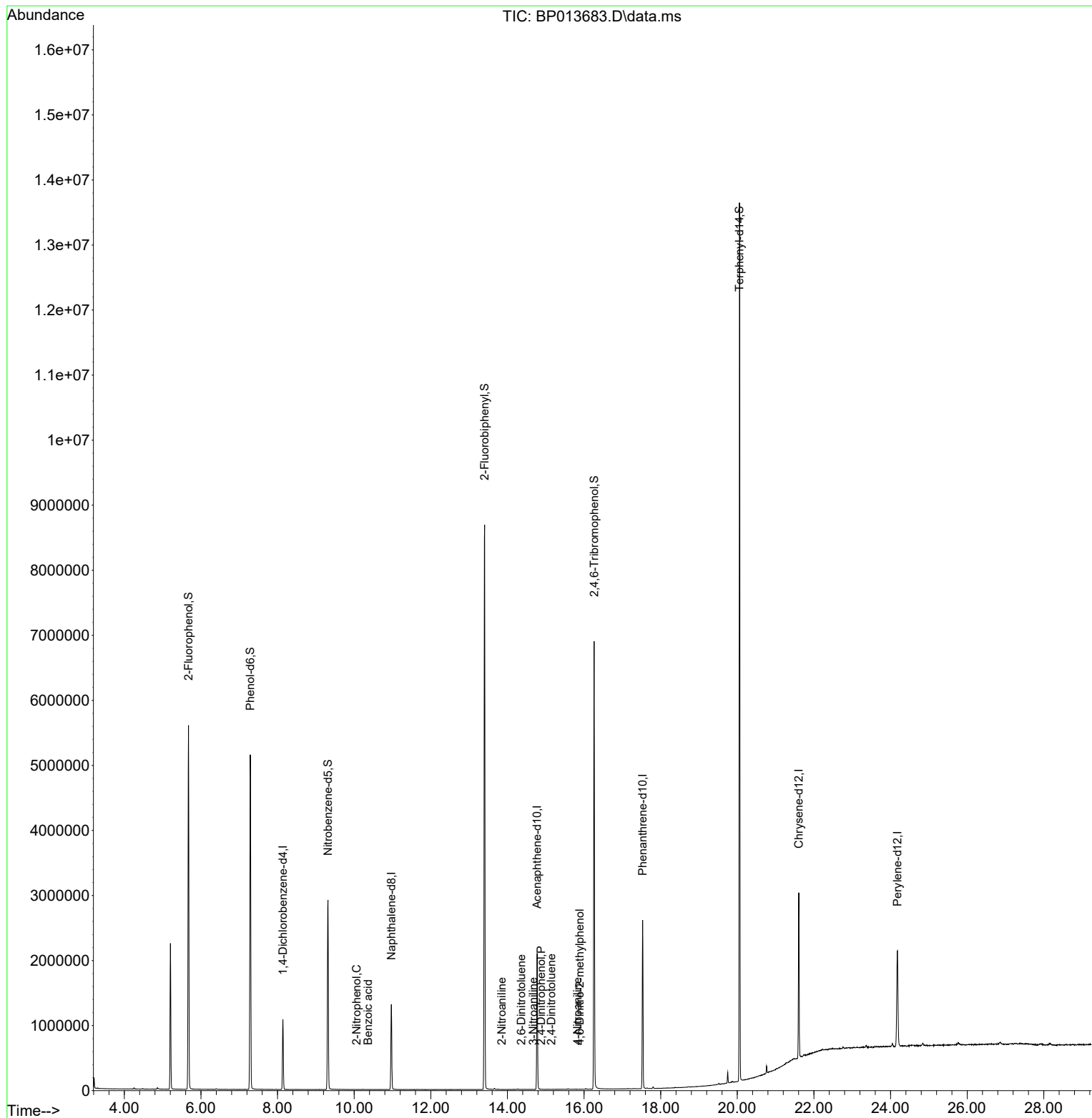
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	296231	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	1111095	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	725949	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	1598663	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1283189	20.000	ng	0.00
86) Perylene-d12	24.180	264	1268650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2480471	143.140	ng	0.00
7) Phenol-d6	7.287	99	3156682	136.733	ng	0.00
23) Nitrobenzene-d5	9.316	82	1753342	91.794	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	1418003	130.230	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4677745	90.164	ng	0.00
79) Terphenyl-d14	20.057	244	6995862	108.262	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.063	139	27	2.808	ng	# 60
32) Benzoic acid	10.363	122	42	3.949	ng	93
48) 2-Nitroaniline	13.851	65	136	4.499	ng	# 33
51) 2,6-Dinitrotoluene	14.363	165	78	3.322	ng	# 41
53) 3-Nitroaniline	14.675	138	16	2.607	ng	# 46
54) 2,4-Dinitrophenol	14.881	184	18	7.611	ng	# 1
57) 2,4-Dinitrotoluene	15.145	165	134	4.073	ng	# 18
62) 4-Nitroaniline	15.828	138	12	2.880	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.886	198	30	6.101	ng	# 1

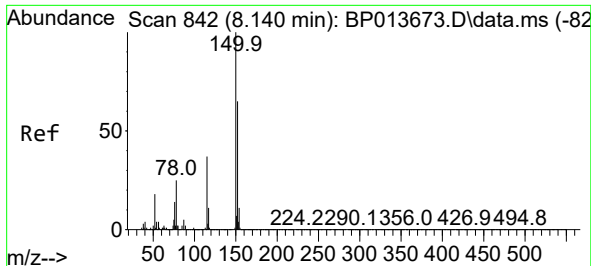
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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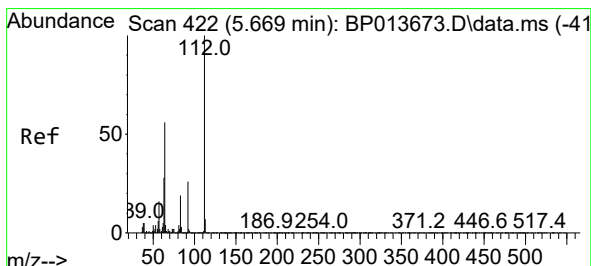
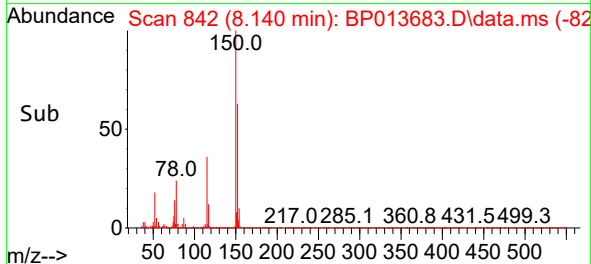
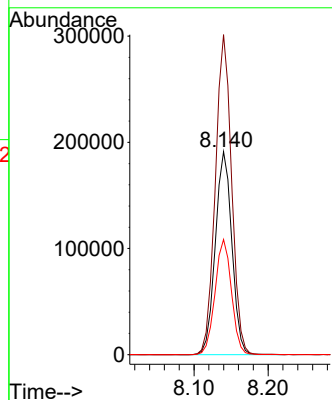
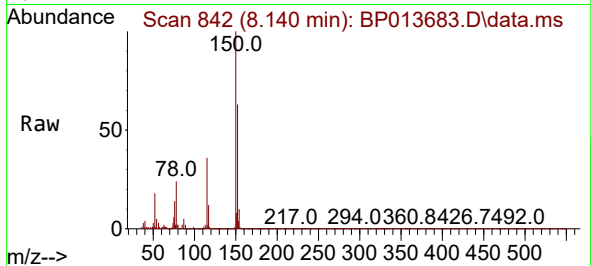




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

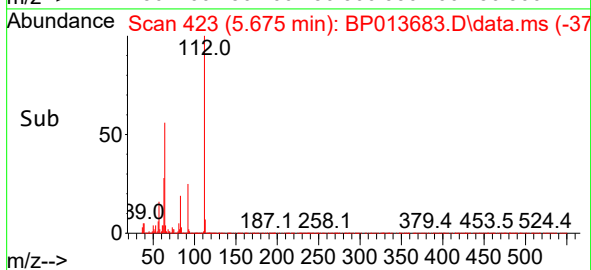
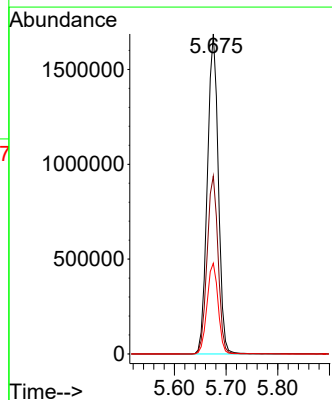
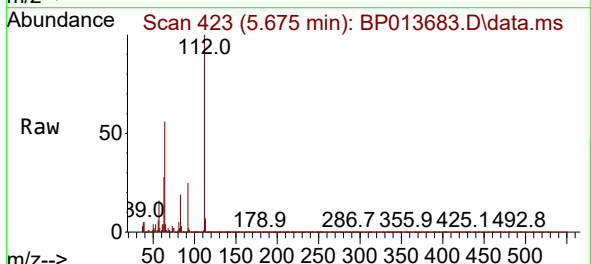
Instrument :
BNA_P
ClientSampleId :
PB150501BL

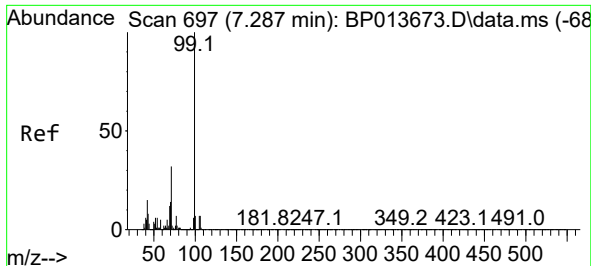
Tgt Ion:152 Resp: 296231
Ion Ratio Lower Upper
152 100
150 157.6 123.6 185.4
115 56.8 45.4 68.0



#5
2-Fluorophenol
Concen: 143.140 ng
RT: 5.675 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:112 Resp: 2480471
Ion Ratio Lower Upper
112 100
64 55.6 44.6 67.0
63 28.4 22.6 34.0



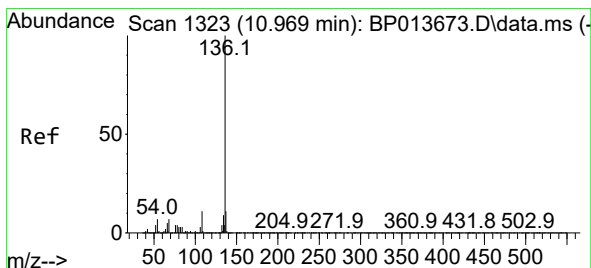
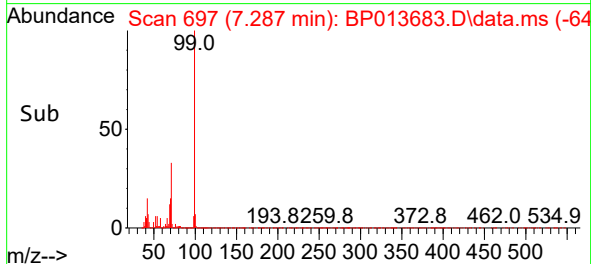
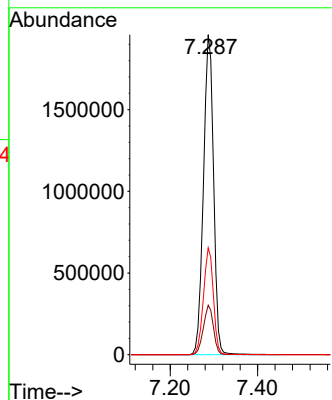
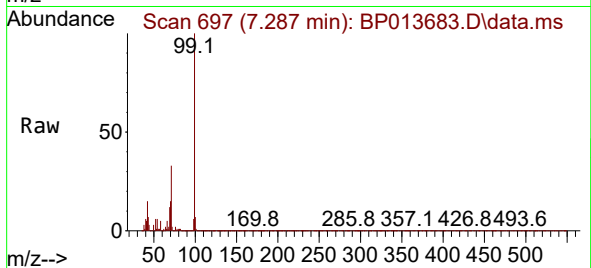


#7
Phenol-d6
Concen: 136.733 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Instrument :
BNA_P
ClientSampleId :
PB150501BL

Tgt Ion: 99 Resp: 3156682

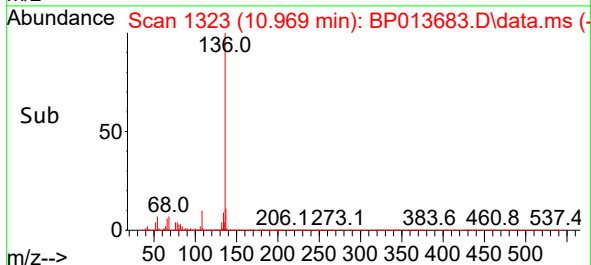
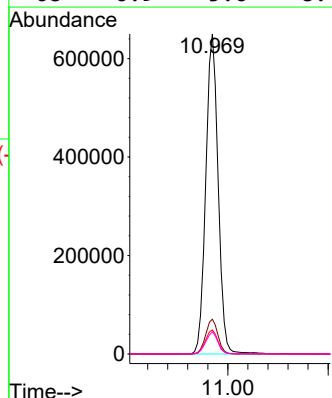
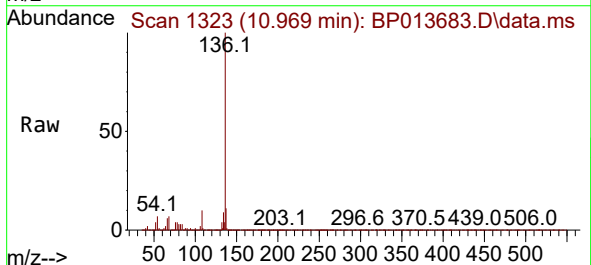
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.8	17.6
71	33.4	25.6	38.4

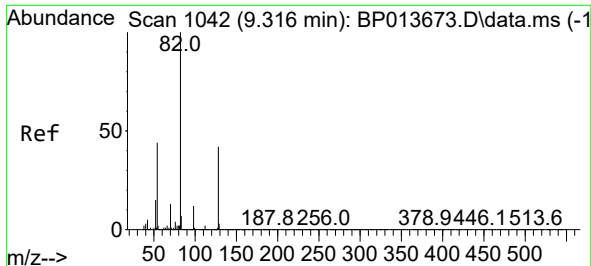


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion: 136 Resp: 1111095

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.0	9.0
68	6.9	5.6	8.4

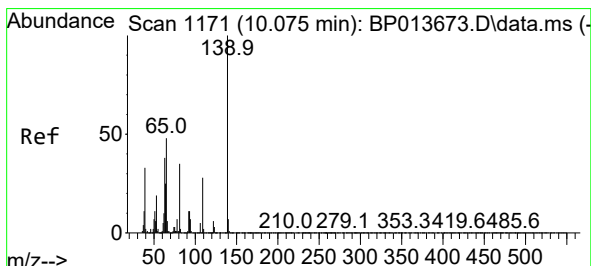
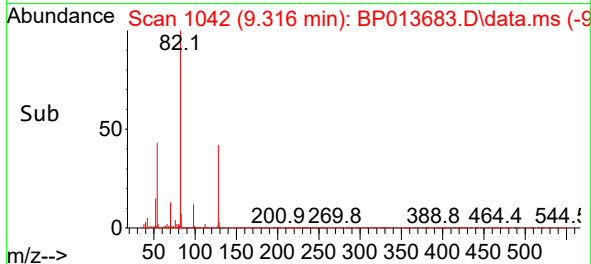
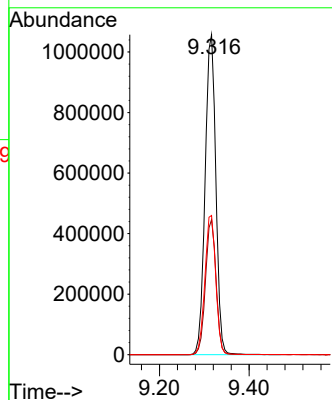
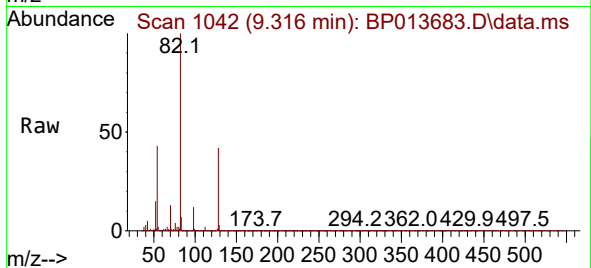




#23
Nitrobenzene-d5
Concen: 91.794 ng
RT: 9.316 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

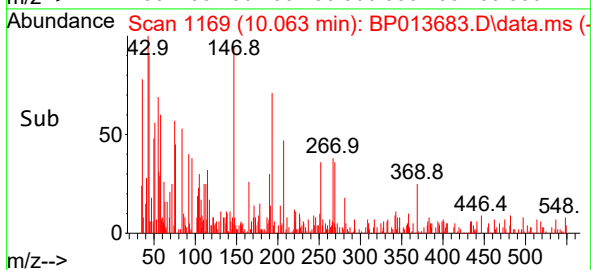
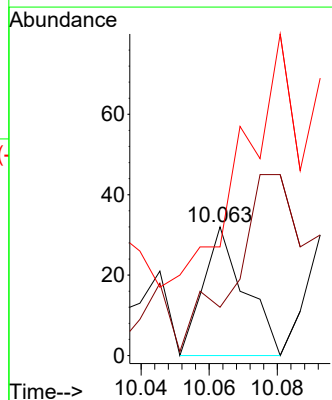
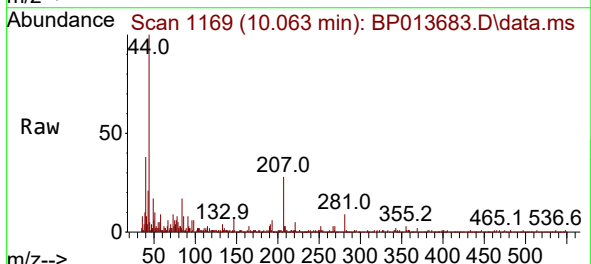
Instrument :
BNA_P
ClientSampleId :
PB150501BL

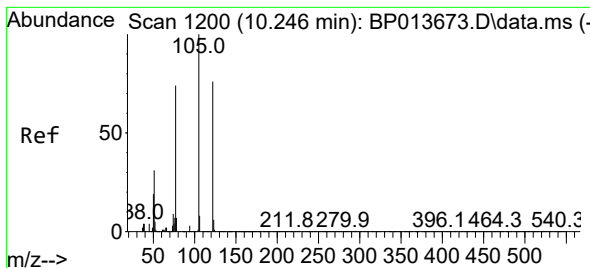
Tgt Ion: 82 Resp: 1753342
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.0
54 43.5 35.4 53.0



#26
2-Nitrophenol
Concen: 2.808 ng
RT: 10.063 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 37.5 22.7 34.1#
65 84.4 38.8 58.2#





#32

Benzoic acid

Concen: 3.949 ng

RT: 10.363 min Scan# 11

Delta R.T. 0.117 min

Lab File: BP013683.D

Acq: 31 Jan 2023 20:30

Instrument :

BNA_P

ClientSampleId :

PB150501BL

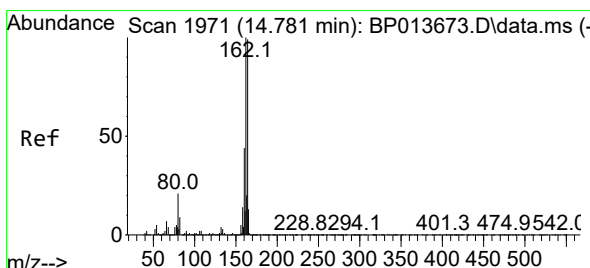
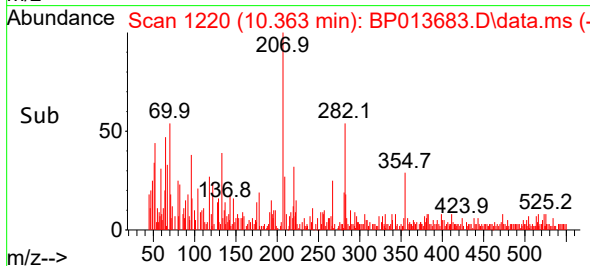
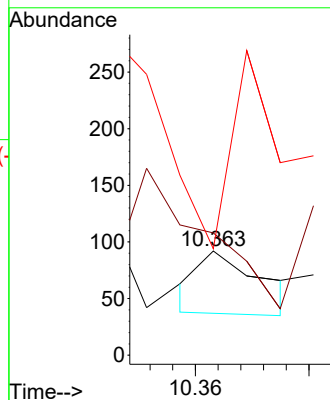
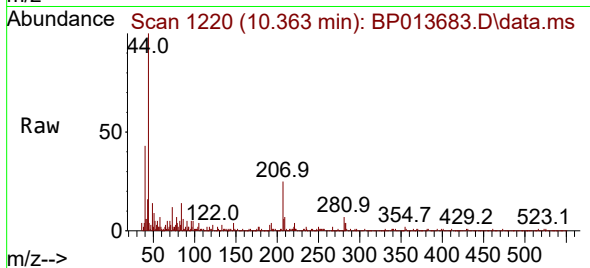
Tgt Ion:122 Resp: 42

Ion Ratio Lower Upper

122 100

105 117.4 105.5 145.5

77 102.2 74.7 114.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP013683.D

Acq: 31 Jan 2023 20:30

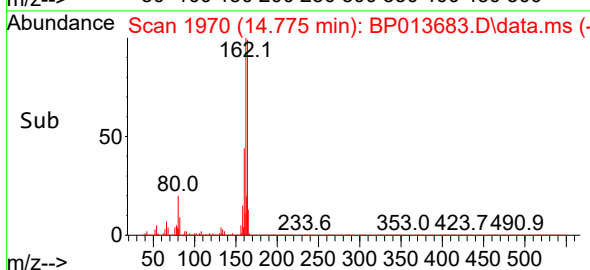
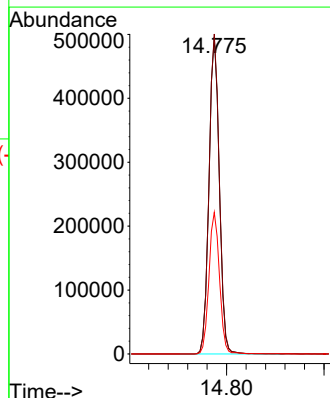
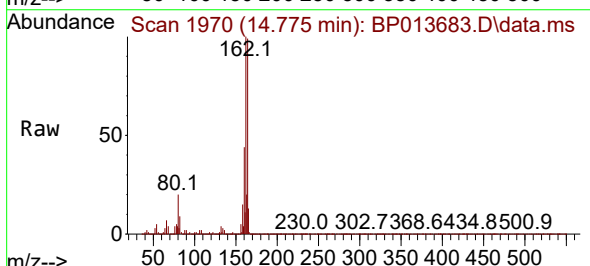
Tgt Ion:164 Resp: 725949

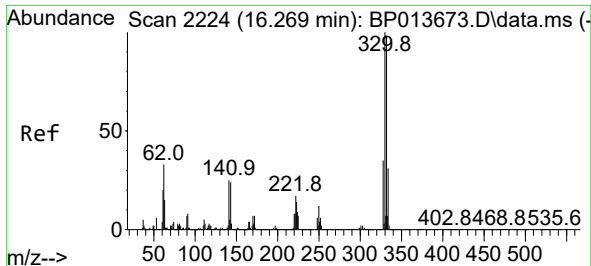
Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

160 44.6 35.6 53.4

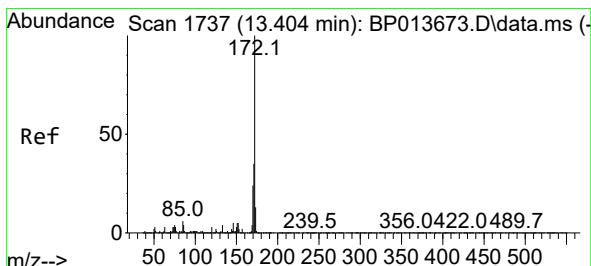
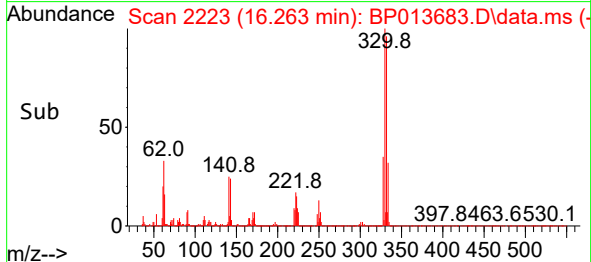
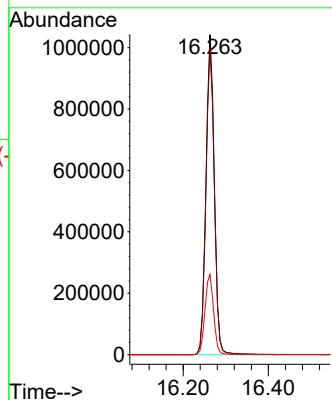
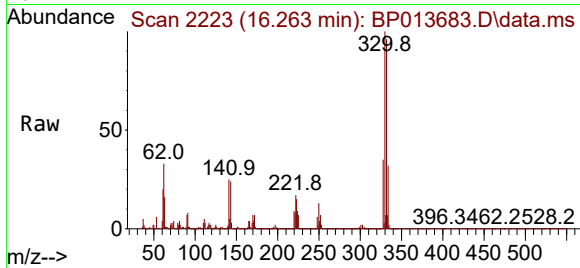




#42
2,4,6-Tribromophenol
Concen: 130.230 ng
RT: 16.263 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

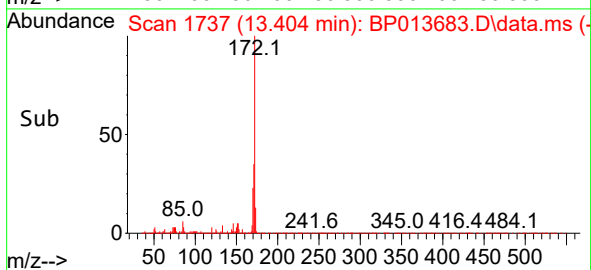
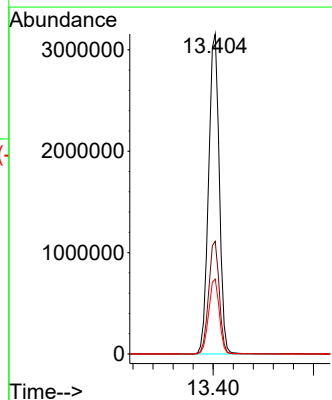
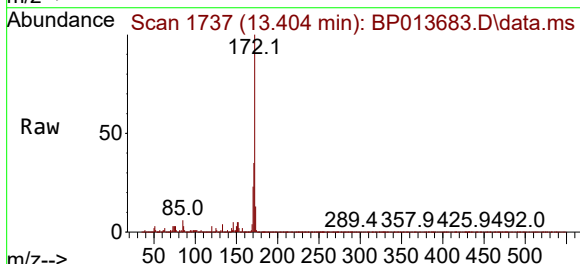
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ClientSampleId :
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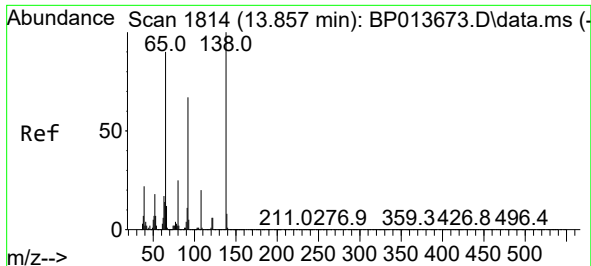
Tgt Ion:330 Resp: 1418003
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 26.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 90.164 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:172 Resp: 4677745
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 19.0 28.4

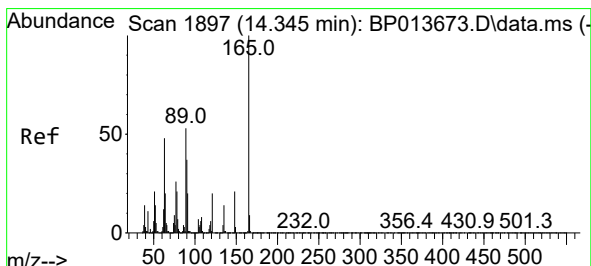
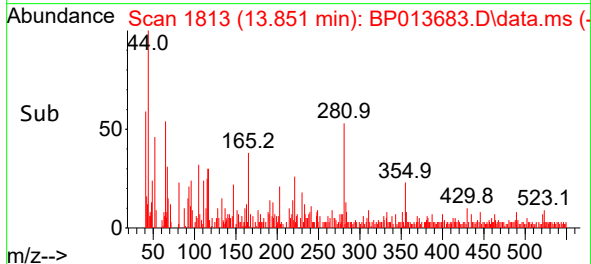
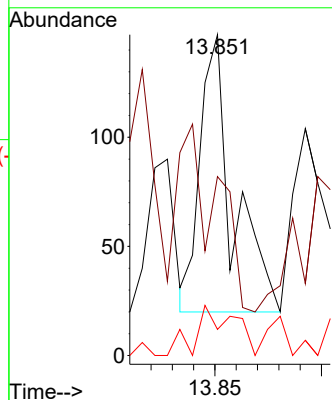
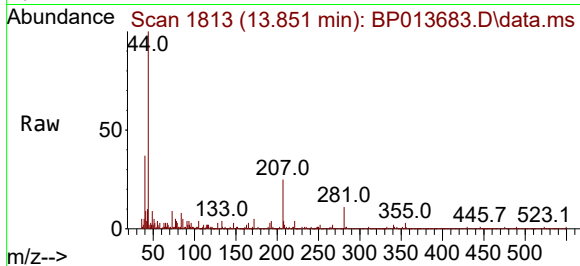




#48
2-Nitroaniline
Concen: 4.499 ng
RT: 13.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

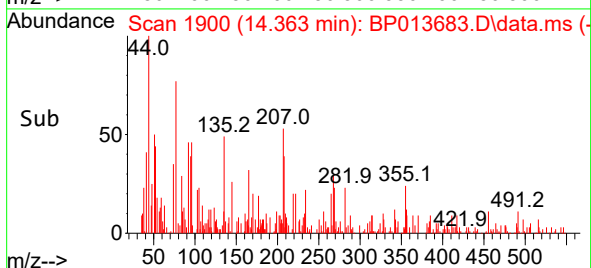
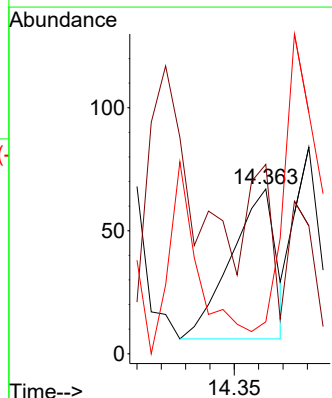
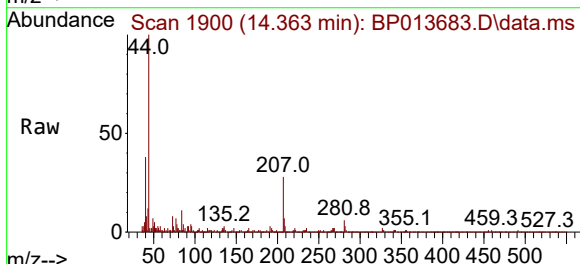
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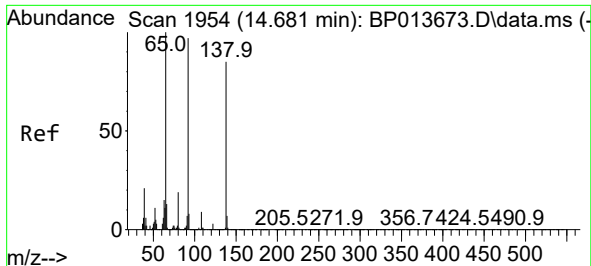
Tgt Ion: 65 Resp: 136
Ion Ratio Lower Upper
65 100
92 55.8 59.4 89.0#
138 8.2 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 3.322 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.018 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion: 165 Resp: 78
Ion Ratio Lower Upper
165 100
63 95.1 39.8 59.6#
89 16.0 42.4 63.6#

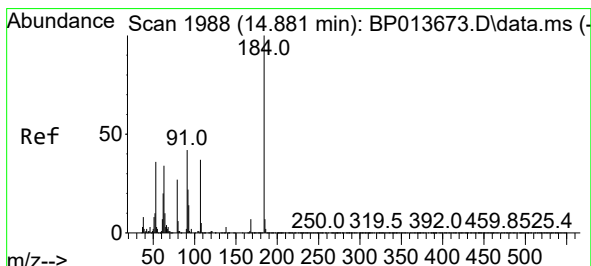
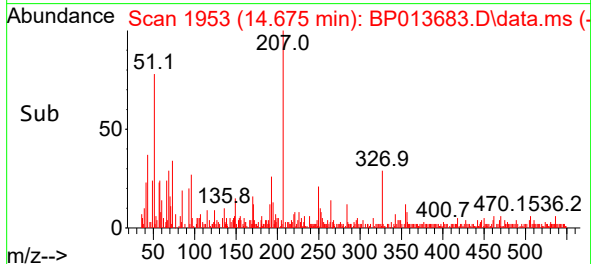
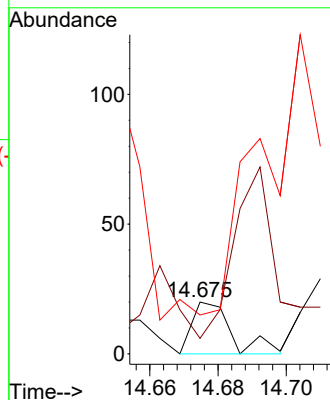
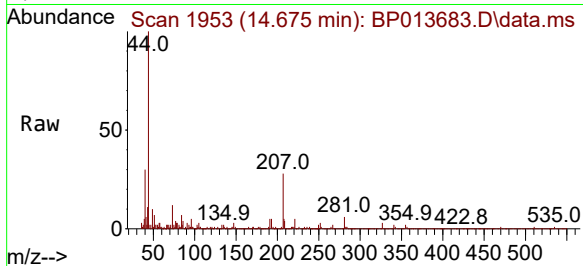




#53
3-Nitroaniline
Concen: 2.607 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

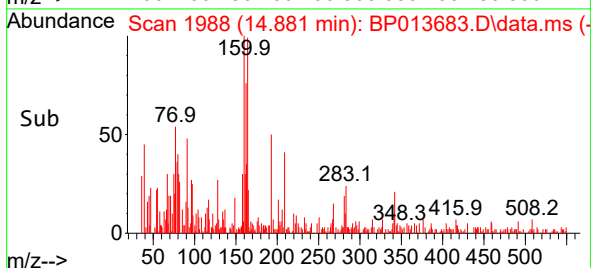
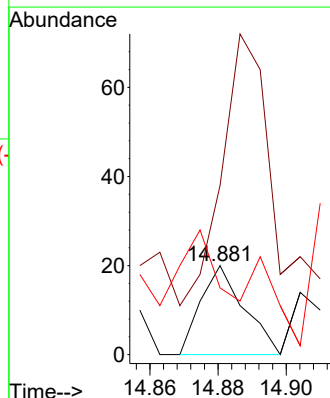
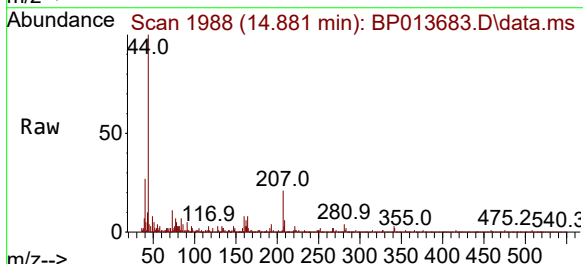
Instrument :
BNA_P
ClientSampleId :
PB150501BL

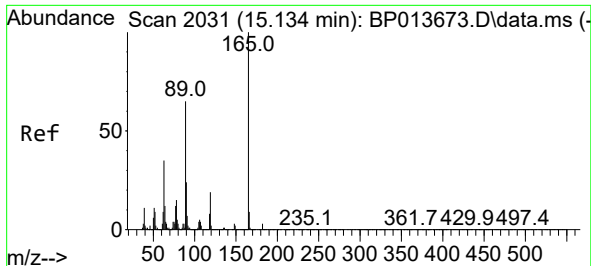
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
108 100.0 8.5 12.7#
92 75.0 91.5 137.3#



#54
2,4-Dinitrophenol
Concen: 7.611 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 190.0 41.4 62.0#
154 75.0 44.3 66.5#

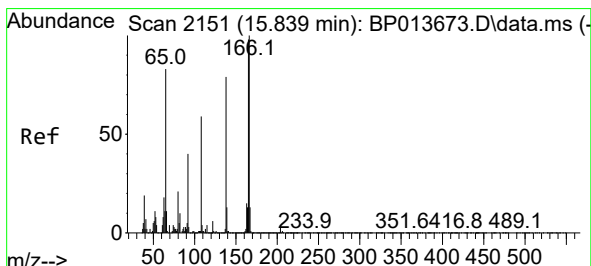
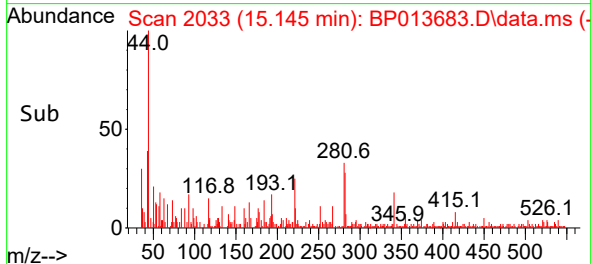
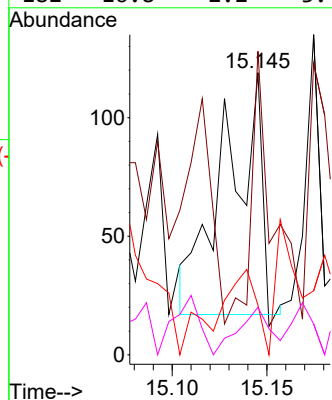
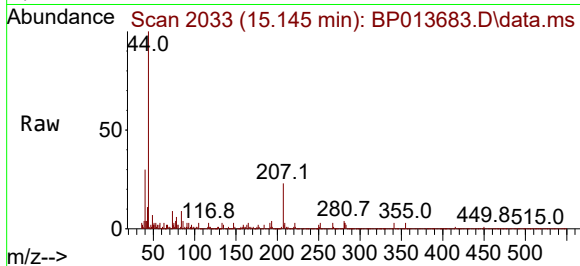




#57
2,4-Dinitrotoluene
Concen: 4.073 ng
RT: 15.145 min Scan# 2031
Delta R.T. 0.011 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

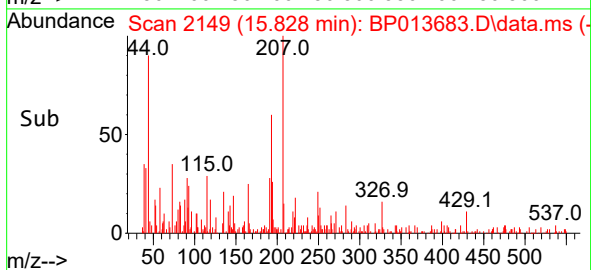
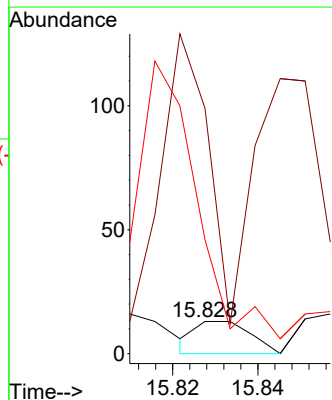
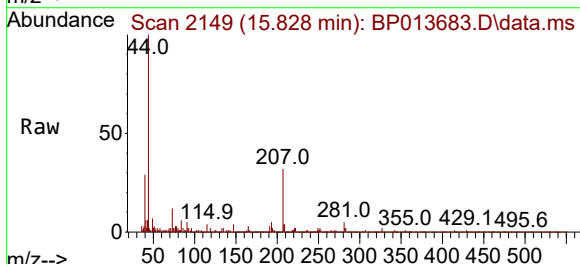
Instrument :
BNA_P
ClientSampleId :
PB150501BL

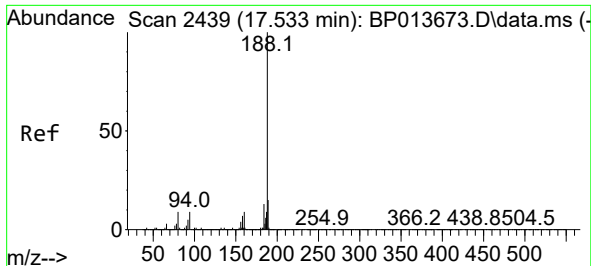
Tgt Ion:165 Resp: 134
Ion Ratio Lower Upper
165 100
63 107.6 28.1 42.1#
89 17.6 52.0 78.0#
182 16.8 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.880 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:138 Resp: 12
Ion Ratio Lower Upper
138 100
92 761.5 30.3 70.3#
108 353.8 55.4 95.4#

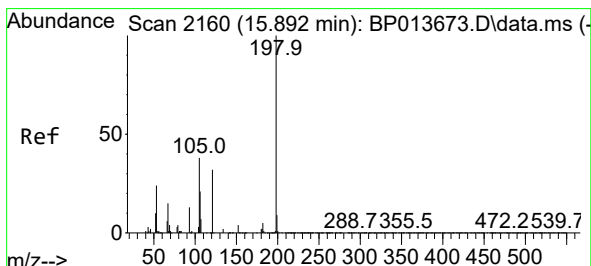
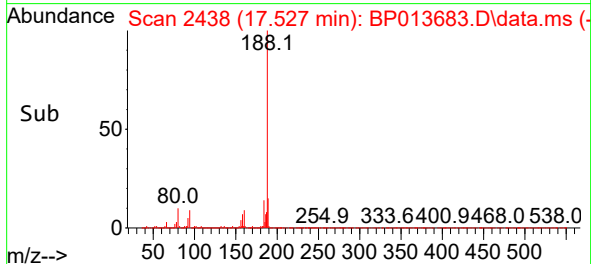
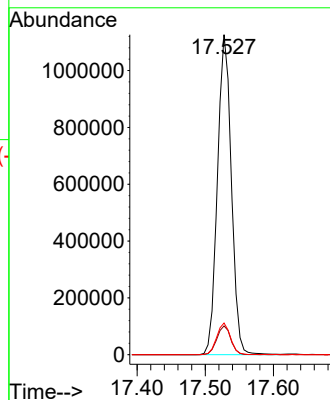
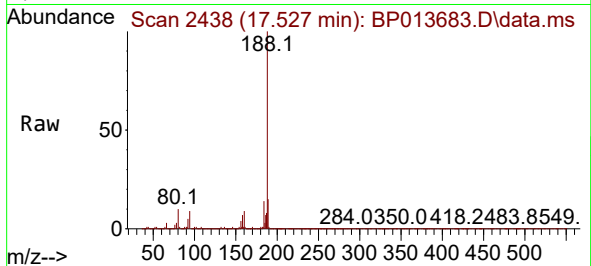




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

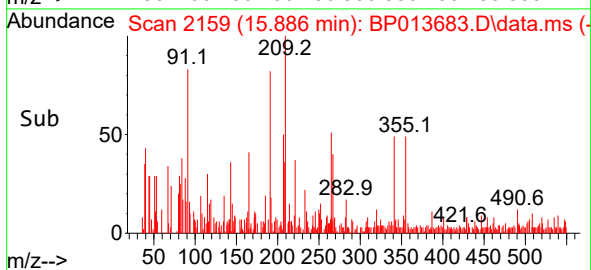
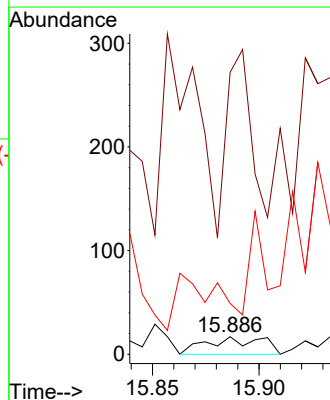
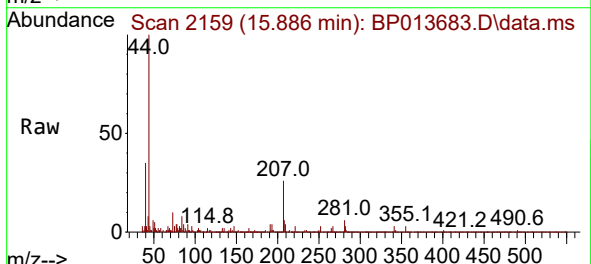
Instrument :
BNA_P
ClientSampleId :
PB150501BL

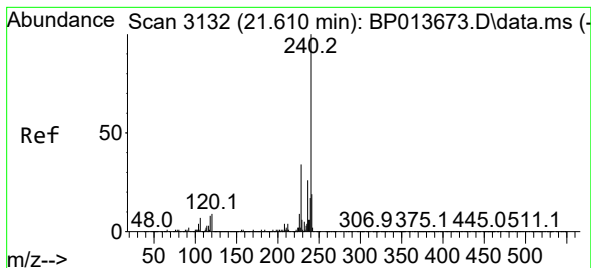
Tgt Ion:188 Resp: 1598663
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.9 7.4 11.0



#65
4,6-Dinitro-2-methylphenol
Concen: 6.101 ng
RT: 15.886 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP013683.D
Acq: 31 Jan 2023 20:30

Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 1600.0 15.4 55.4#
105 288.2 18.3 58.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP013683.D

Acq: 31 Jan 2023 20:30

Instrument :

BNA_P

ClientSampleId :

PB150501BL

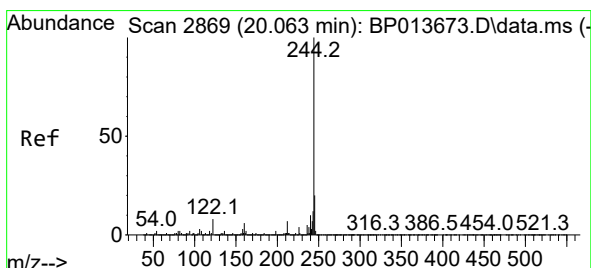
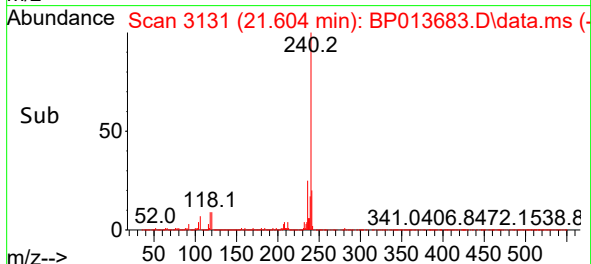
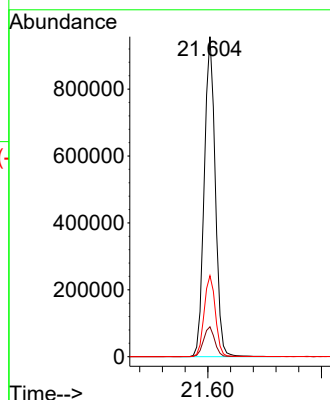
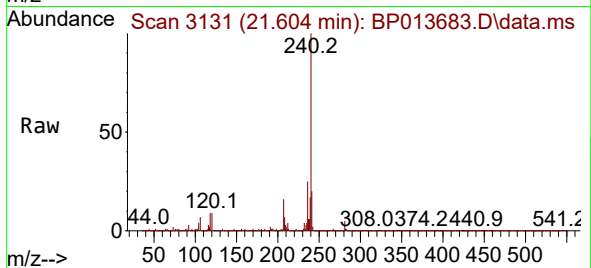
Tgt Ion:240 Resp: 1283189

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.3 20.6 30.8



#79

Terphenyl-d14

Concen: 108.262 ng

RT: 20.057 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BP013683.D

Acq: 31 Jan 2023 20:30

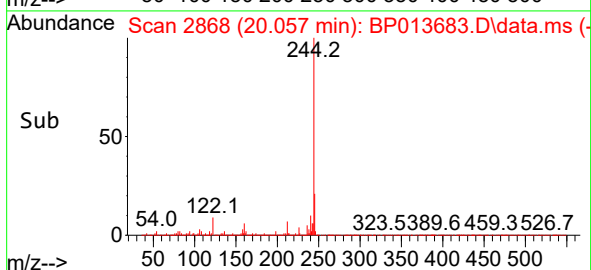
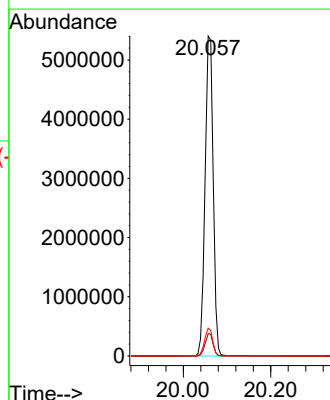
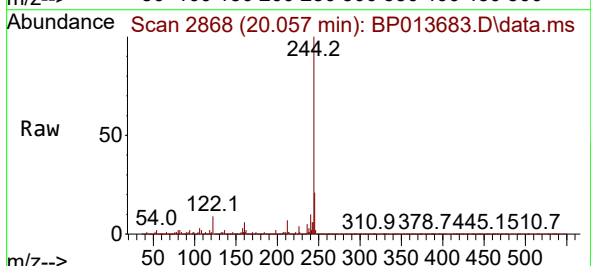
Tgt Ion:244 Resp: 6995862

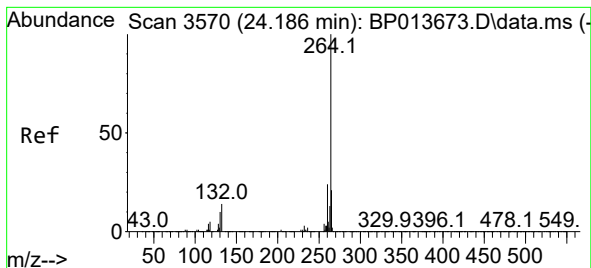
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.7 6.5 9.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013683.D

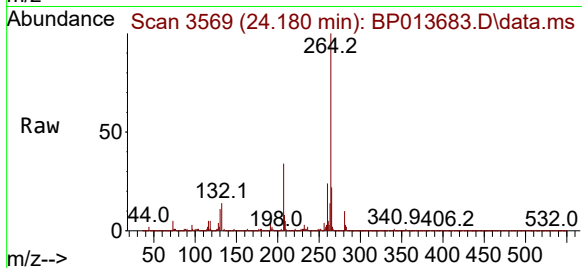
Acq: 31 Jan 2023 20:30

Instrument :

BNA_P

ClientSampleId :

PB150501BL



Tgt Ion:264 Resp: 1268650

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.3 17.4 26.0

