

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011753.D
 Acq On : 20 Sep 2022 01:38
 Operator : CG/JU
 Sample : N4680-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5869-2

Quant Time: Sep 20 04:54:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

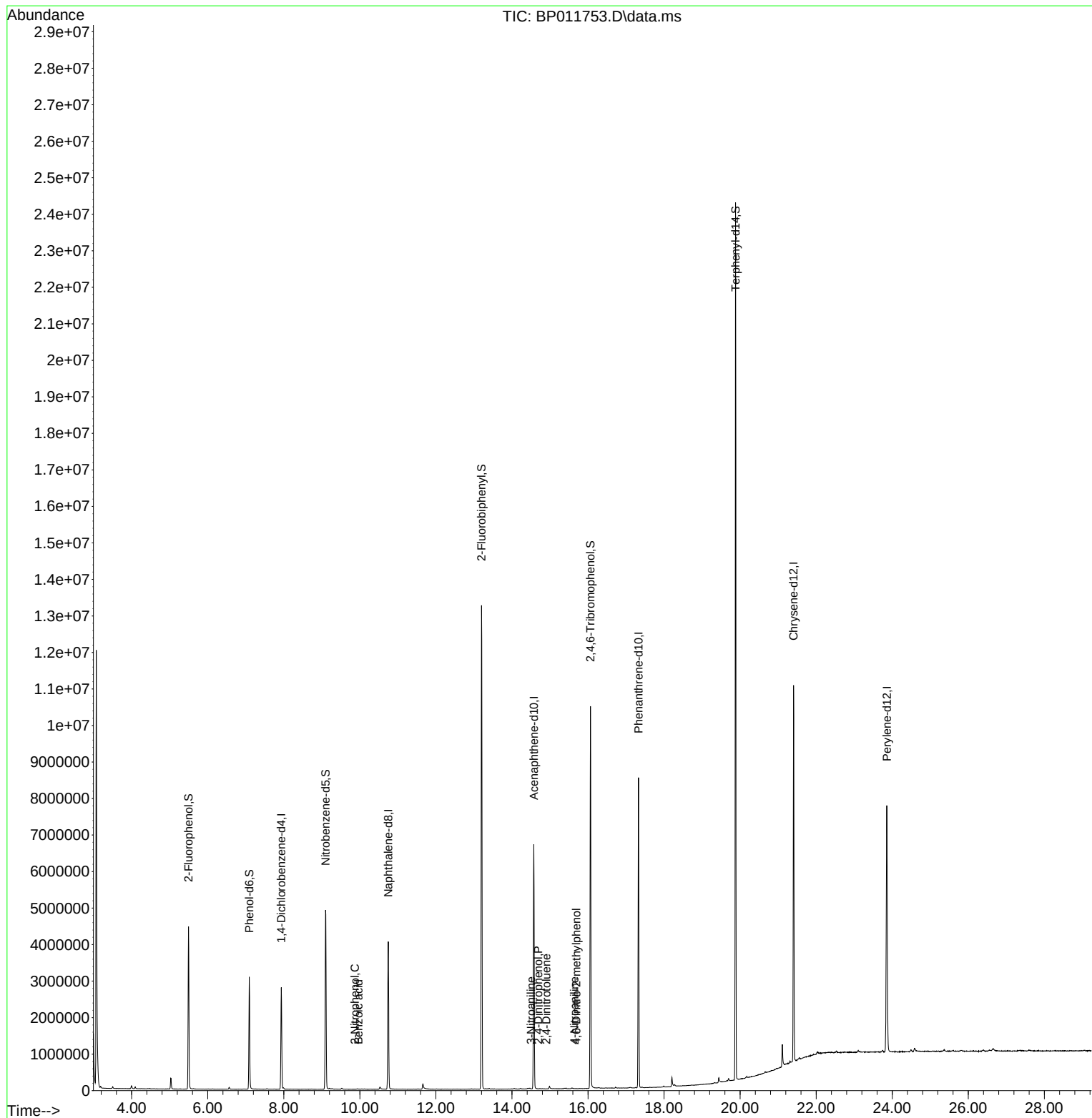
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	768346	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	3437373	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	2272739	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	4724906	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	4540021	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	4609419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2012591	47.678	ng	0.00
7) Phenol-d6	7.093	99	1830185	32.526	ng	0.00
23) Nitrobenzene-d5	9.099	82	2868303	49.489	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1620922	91.280	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	6809063	46.571	ng	0.00
79) Terphenyl-d14	19.880	244	10598158	50.763	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.869	139	74	3.569	ng	# 1
32) Benzoic acid	9.963	122	1791	6.678	ng	85
53) 3-Nitroaniline	14.504	138	43	2.386	ng	# 1
54) 2,4-Dinitrophenol	14.687	184	43	6.583	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	265	2.994	ng	# 80
62) 4-Nitroaniline	15.645	138	42	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	5	5.853	ng	# 1

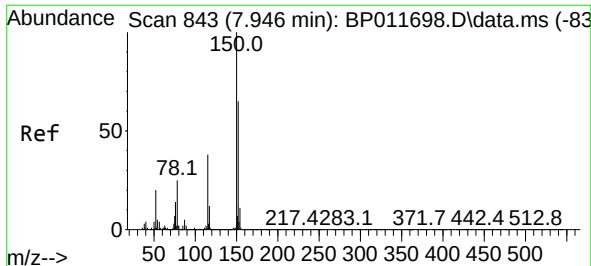
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

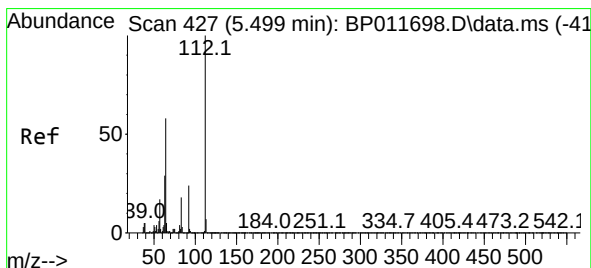
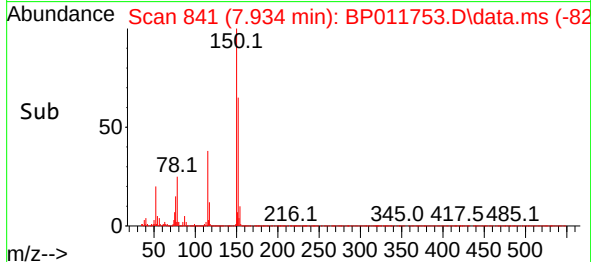
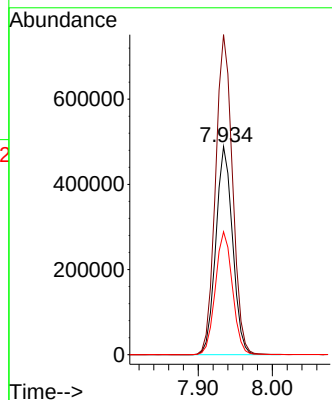
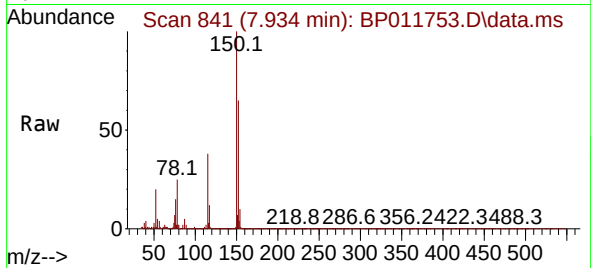




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

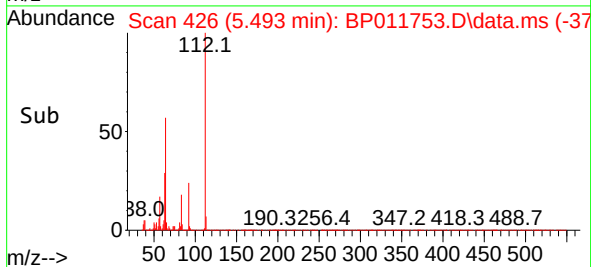
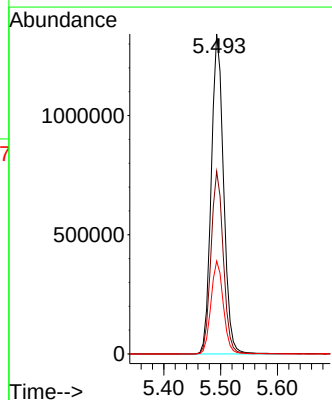
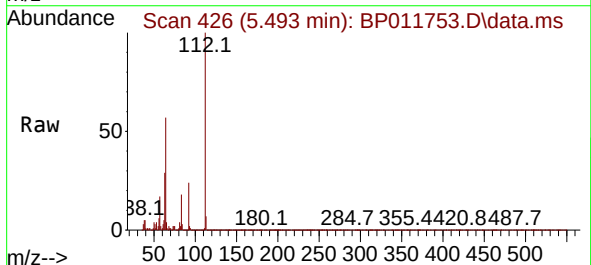
Instrument :
BNA_P
ClientSampleId :
5869-2

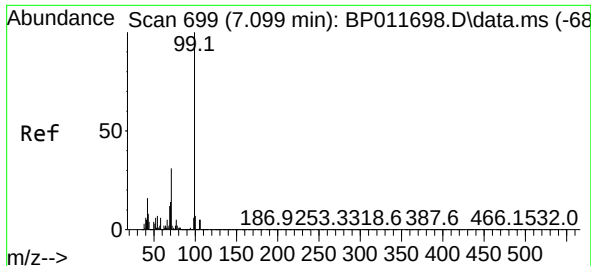
Tgt Ion:152 Resp: 768346
Ion Ratio Lower Upper
152 100
150 153.7 123.4 185.2
115 59.0 51.3 76.9



#5
2-Fluorophenol
Concen: 47.678 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:112 Resp: 2012591
Ion Ratio Lower Upper
112 100
64 57.0 56.9 85.3
63 29.1 31.2 46.8#

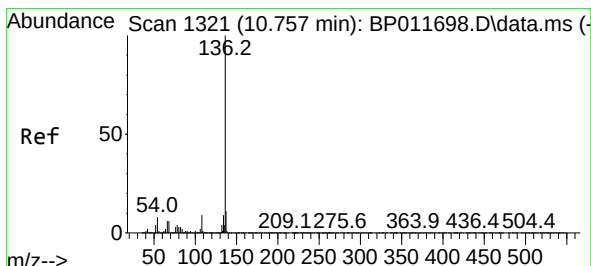
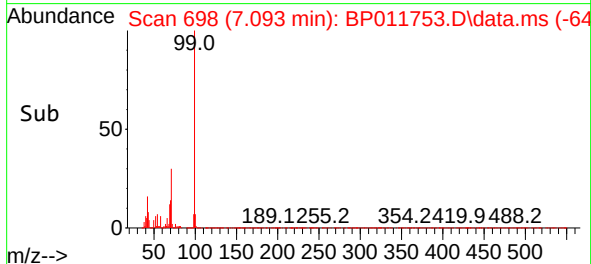
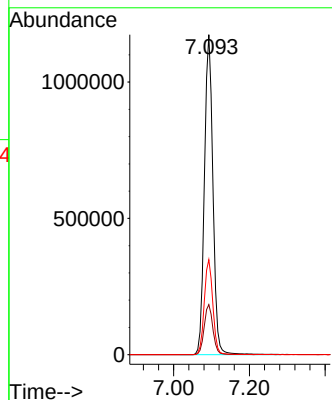
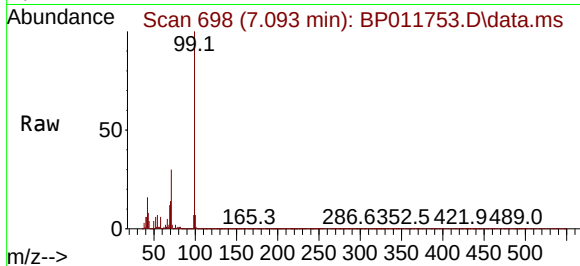




#7
Phenol-d6
Concen: 32.526 ng
RT: 7.093 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

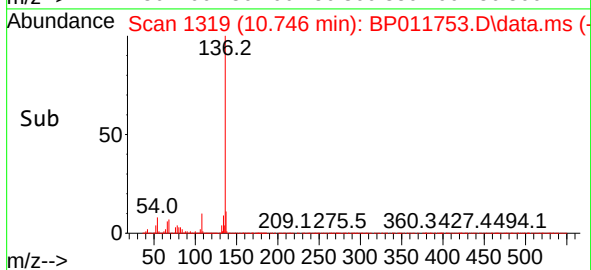
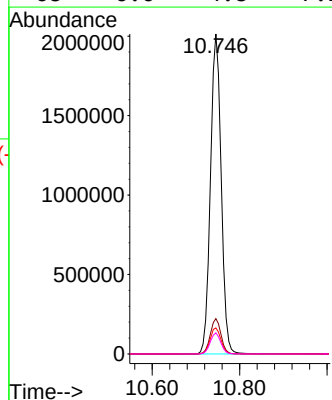
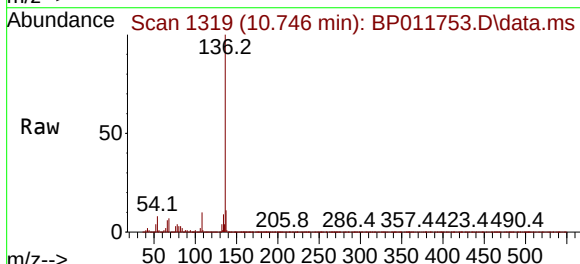
Instrument :
BNA_P
ClientSampleId :
5869-2

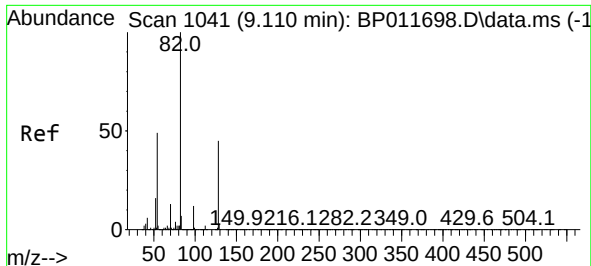
Tgt Ion: 99 Resp: 1830185
Ion Ratio Lower Upper
99 100
42 15.7 20.3 30.5#
71 29.7 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:136 Resp: 3437373
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.1 8.7 13.1#
68 6.6 4.8 7.2

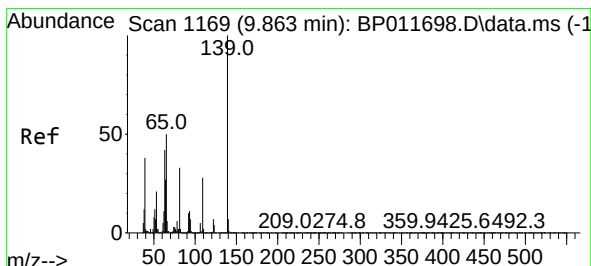
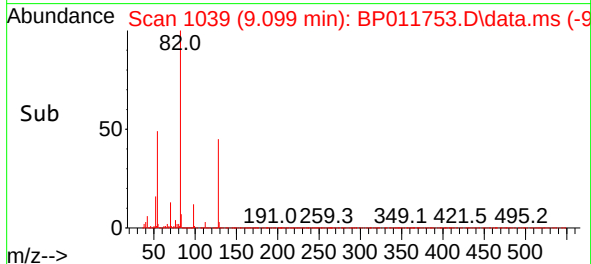
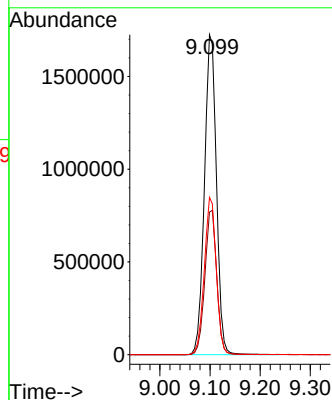
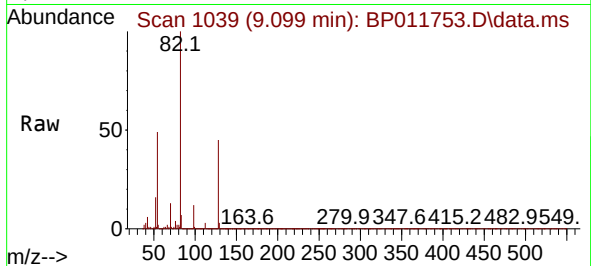




#23
Nitrobenzene-d5
Concen: 49.489 ng
RT: 9.099 min Scan# 11039
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

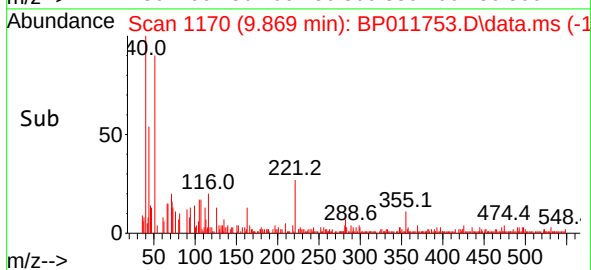
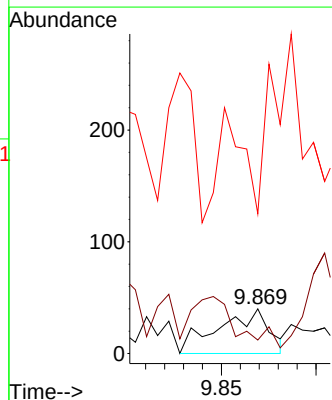
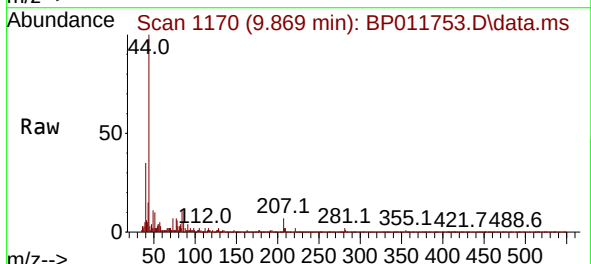
Instrument :
BNA_P
ClientSampleId :
5869-2

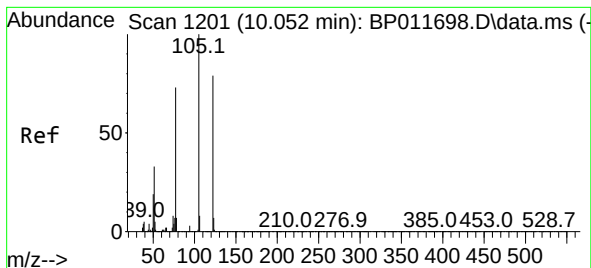
Tgt Ion: 82 Resp: 2868303
Ion Ratio Lower Upper
82 100
128 44.6 31.3 46.9
54 49.1 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.569 ng
RT: 9.869 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:139 Resp: 74
Ion Ratio Lower Upper
139 100
109 30.0 30.2 45.4#
65 312.5 52.2 78.2#

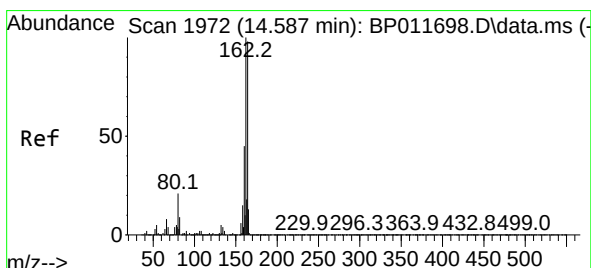
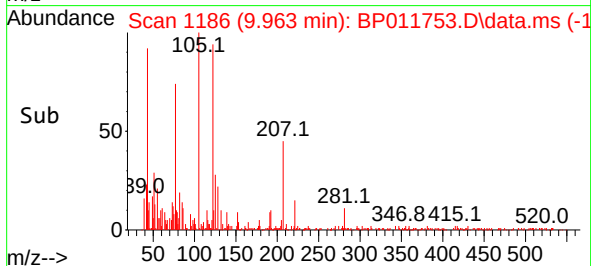
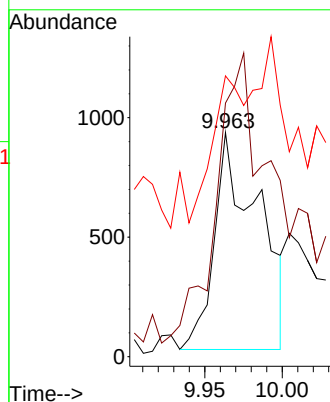
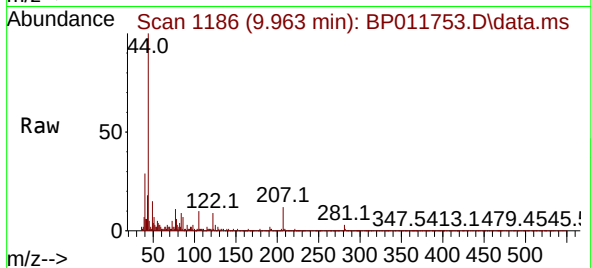




#32
Benzoic acid
Concen: 6.678 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.070 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

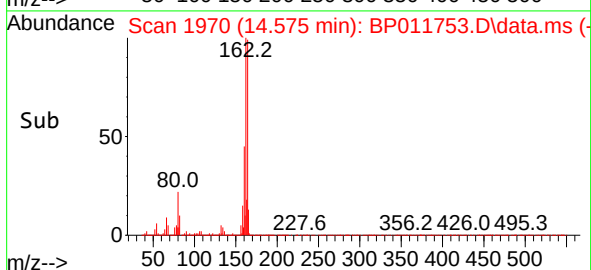
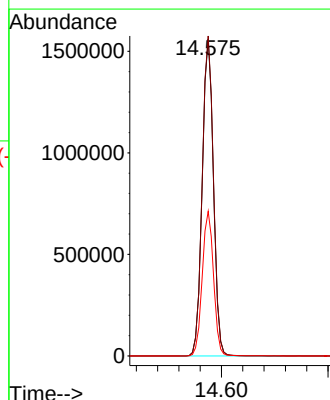
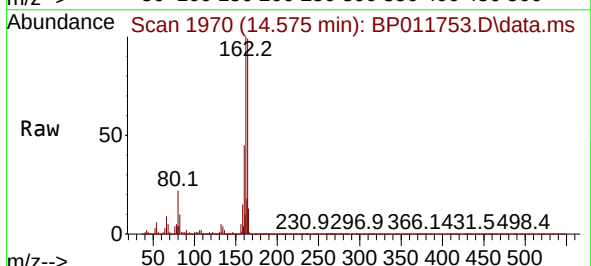
Instrument :
BNA_P
ClientSampleId :
5869-2

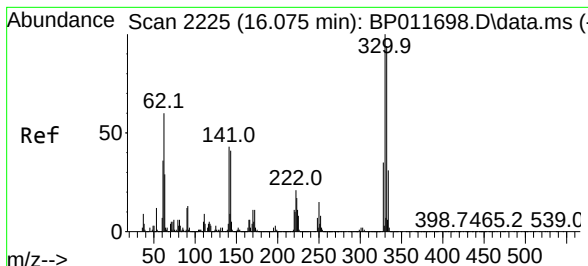
Tgt Ion:122 Resp: 1791
Ion Ratio Lower Upper
122 100
105 113.1 112.6 152.6
77 125.3 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:164 Resp: 2272739
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 45.6 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 91.280 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011753.D

Acq: 20 Sep 2022 01:38

Instrument :

BNA_P

ClientSampleId :

5869-2

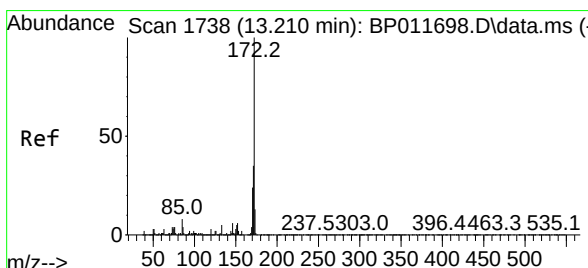
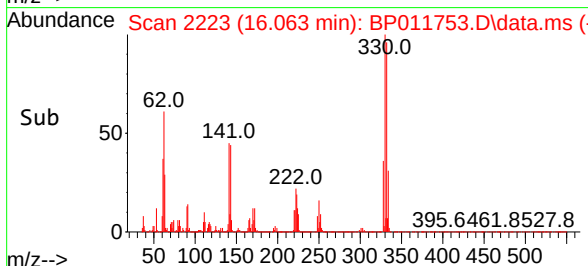
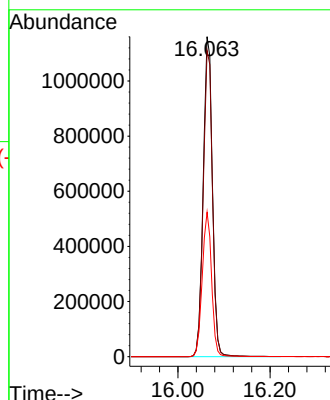
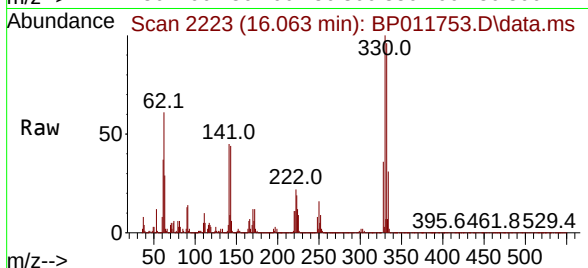
Tgt Ion:330 Resp: 1620922

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 45.9 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 46.571 ng

RT: 13.198 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP011753.D

Acq: 20 Sep 2022 01:38

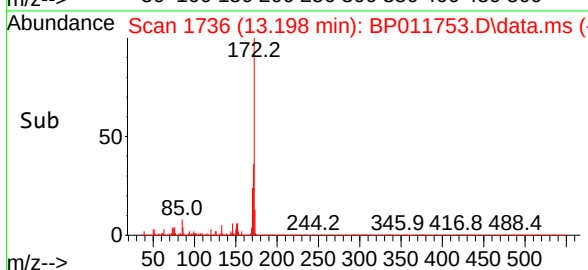
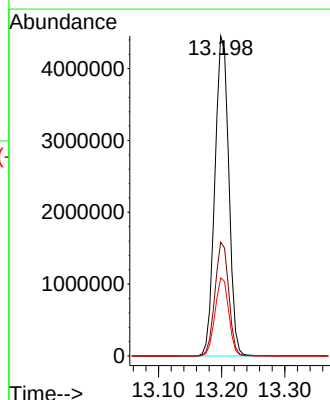
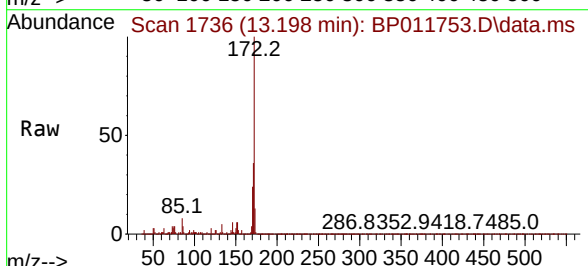
Tgt Ion:172 Resp: 6809063

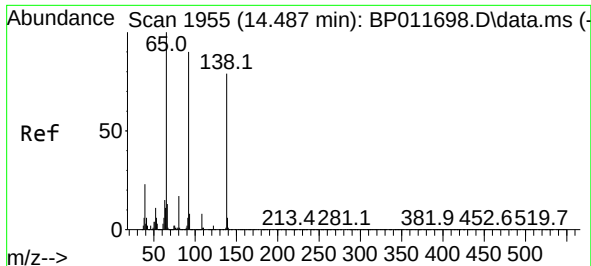
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.4 18.2 27.2

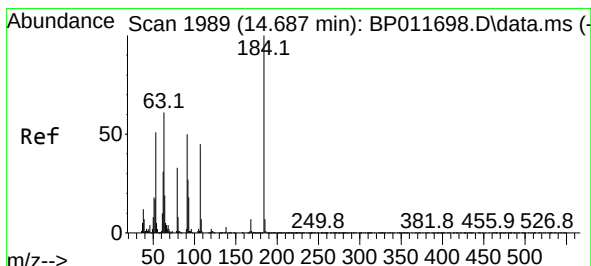
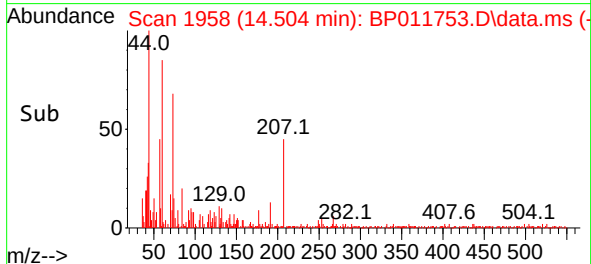
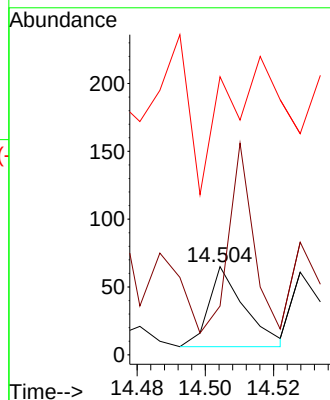
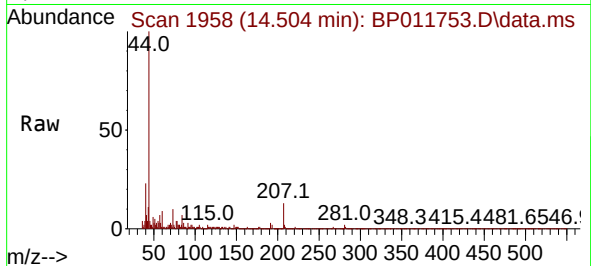




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.024 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

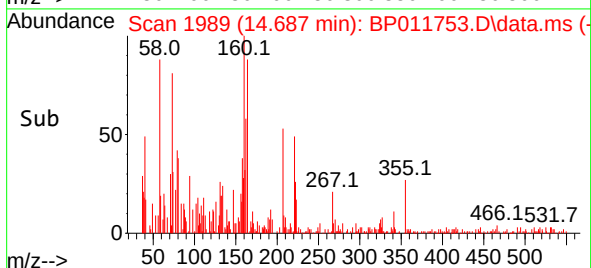
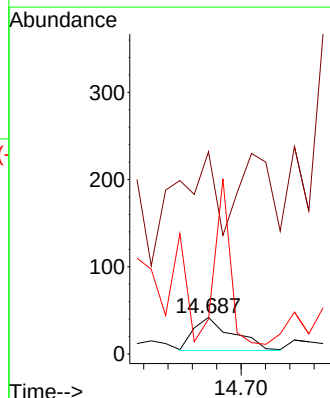
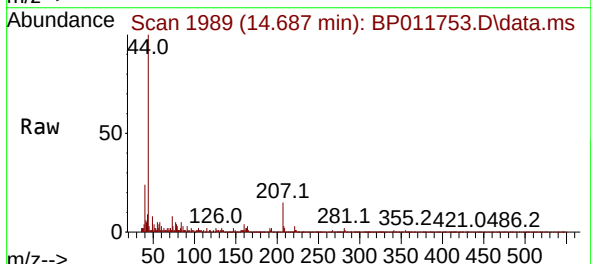
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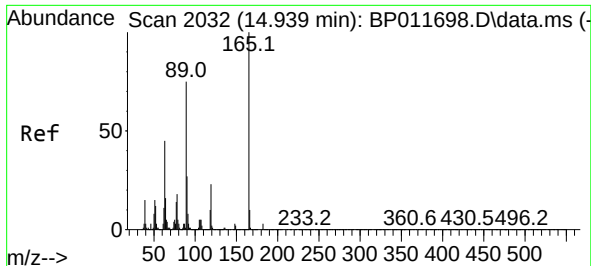
Tgt Ion:138 Resp: 43
Ion Ratio Lower Upper
138 100
108 55.4 9.5 14.3#
92 315.4 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.583 ng
RT: 14.687 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 552.4 65.4 98.2#
154 95.2 55.4 83.2#

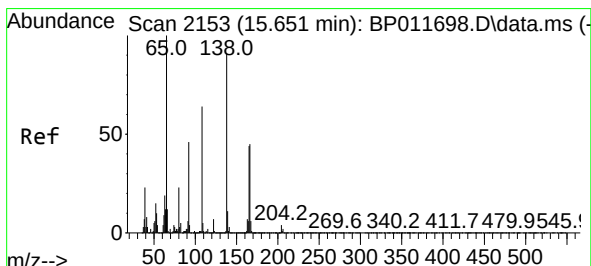
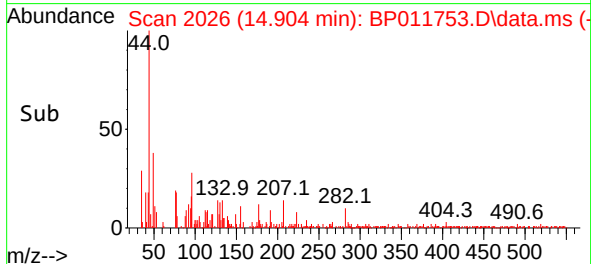
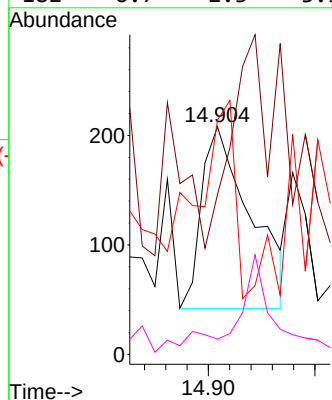
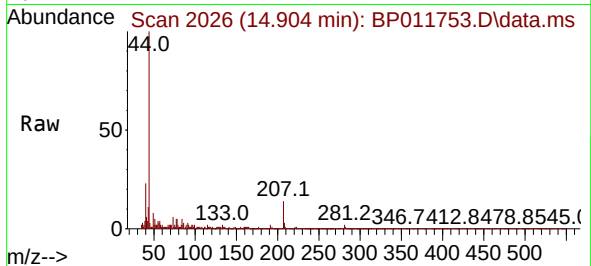




#57
2,4-Dinitrotoluene
Concen: 2.994 ng
RT: 14.904 min Scan# 2032
Delta R.T. -0.029 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

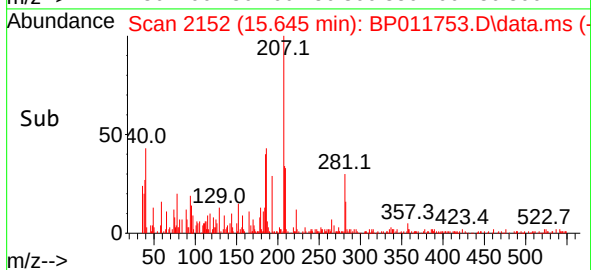
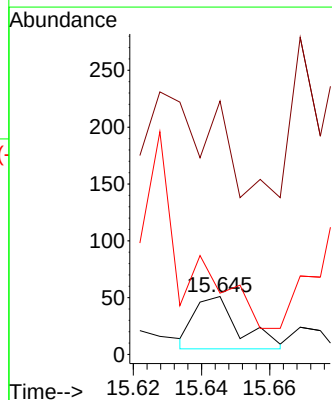
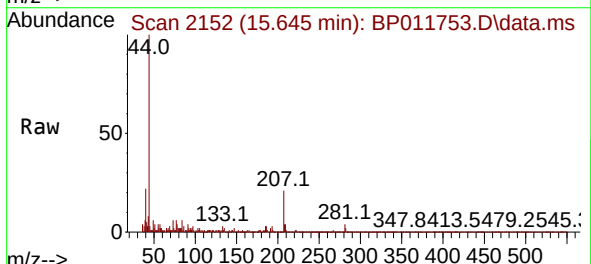
Instrument :
BNA_P
ClientSampleId :
5869-2

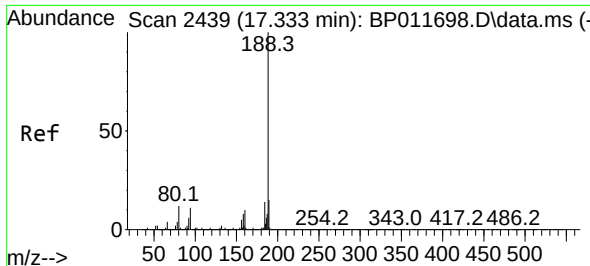
Tgt Ion:	165	Resp:	265
Ion	Ratio	Lower	Upper
165	100		
63	70.2	46.2	69.2#
89	102.9	65.8	98.8#
182	6.7	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.645 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:	138	Resp:	42
Ion	Ratio	Lower	Upper
138	100		
92	437.3	38.0	78.0#
108	105.9	77.6	117.6

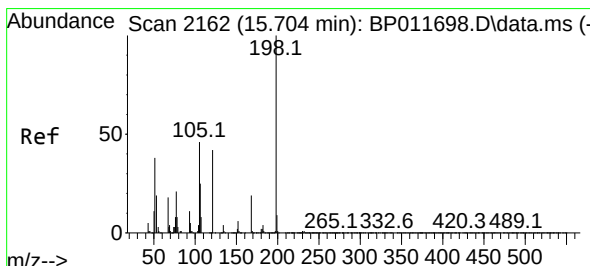
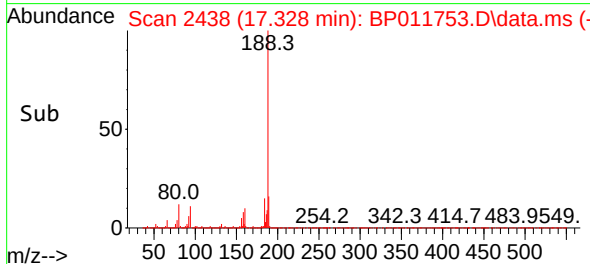
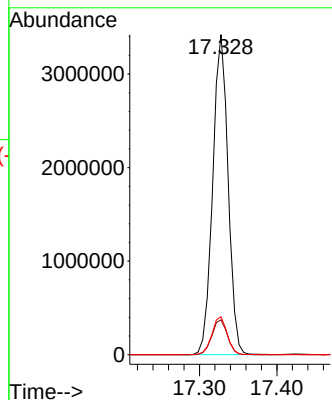
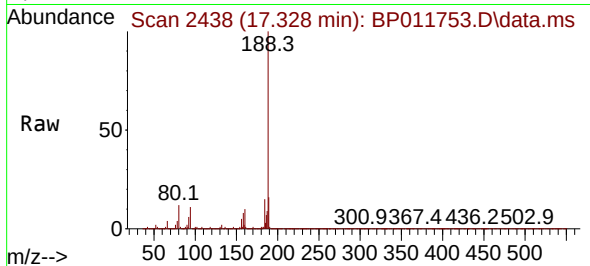




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

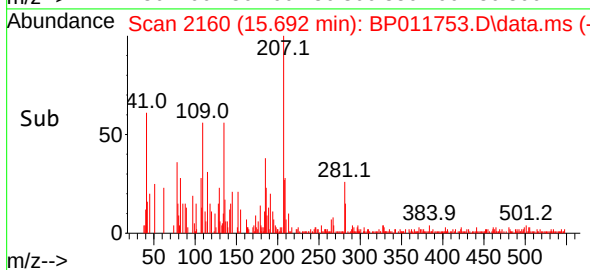
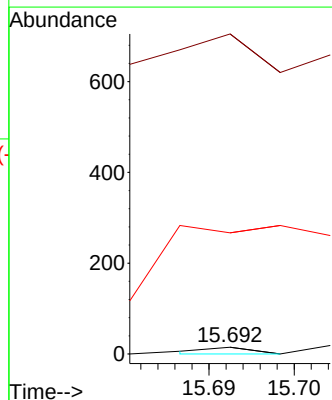
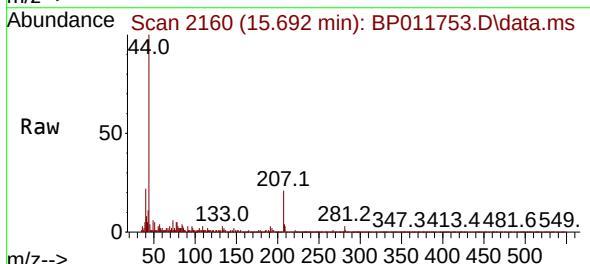
Instrument :
BNA_P
ClientSampleId :
5869-2

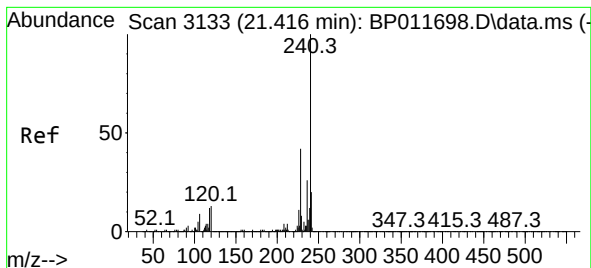
Tgt Ion:188 Resp: 4724906
Ion Ratio Lower Upper
188 100
94 10.9 6.6 10.0#
80 11.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.853 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011753.D
Acq: 20 Sep 2022 01:38

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 4700.0 41.2 81.2#
105 1780.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BP011753.D

Acq: 20 Sep 2022 01:38

Instrument :

BNA_P

ClientSampleId :

5869-2

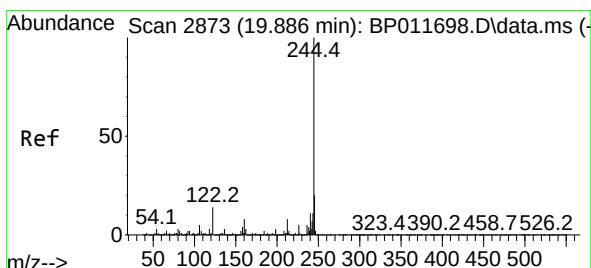
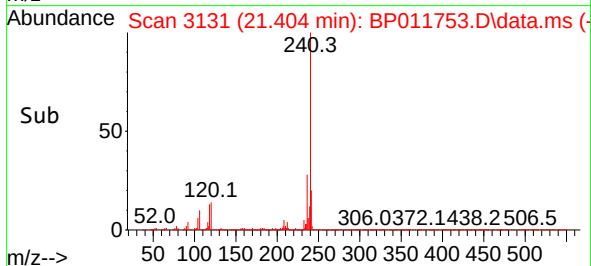
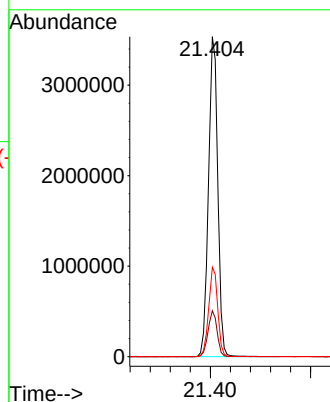
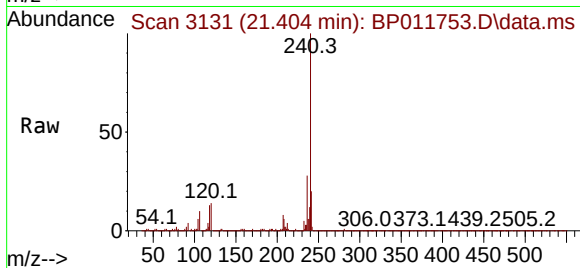
Tgt Ion:240 Resp: 4540021

Ion Ratio Lower Upper

240 100

120 14.4 8.6 12.8#

236 28.0 19.8 29.6



#79

Terphenyl-d14

Concen: 50.763 ng

RT: 19.880 min Scan# 2872

Delta R.T. 0.006 min

Lab File: BP011753.D

Acq: 20 Sep 2022 01:38

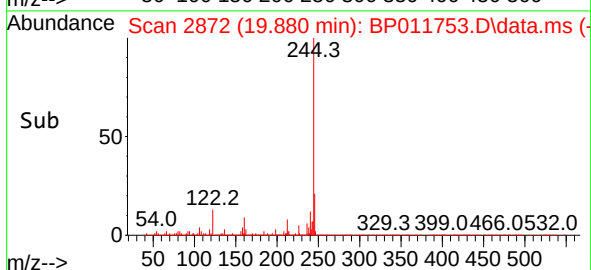
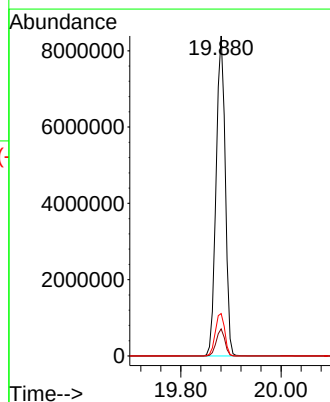
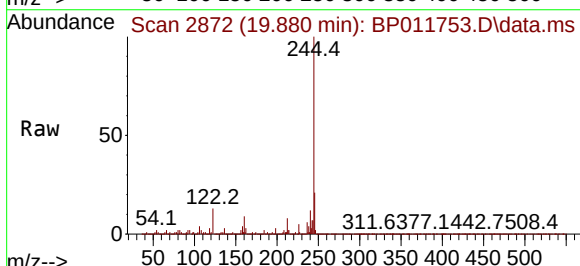
Tgt Ion:244 Resp:10598158

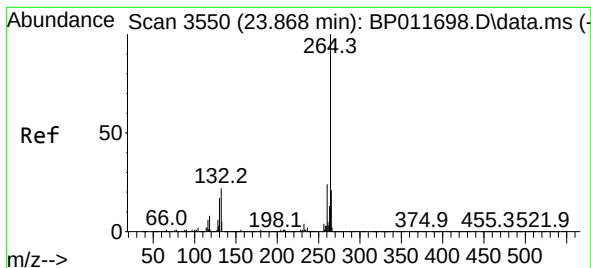
Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 13.2 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011753.D

Acq: 20 Sep 2022 01:38

Instrument :

BNA_P

ClientSampleId :

5869-2

Tgt Ion:264 Resp: 4609419

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 22.0 18.0 27.0

