

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
 Data File : BP011760.D
 Acq On : 20 Sep 2022 13:26
 Operator : CG/JU
 Sample : PB147737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147737BL

Quant Time: Sep 21 06:45:11 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)

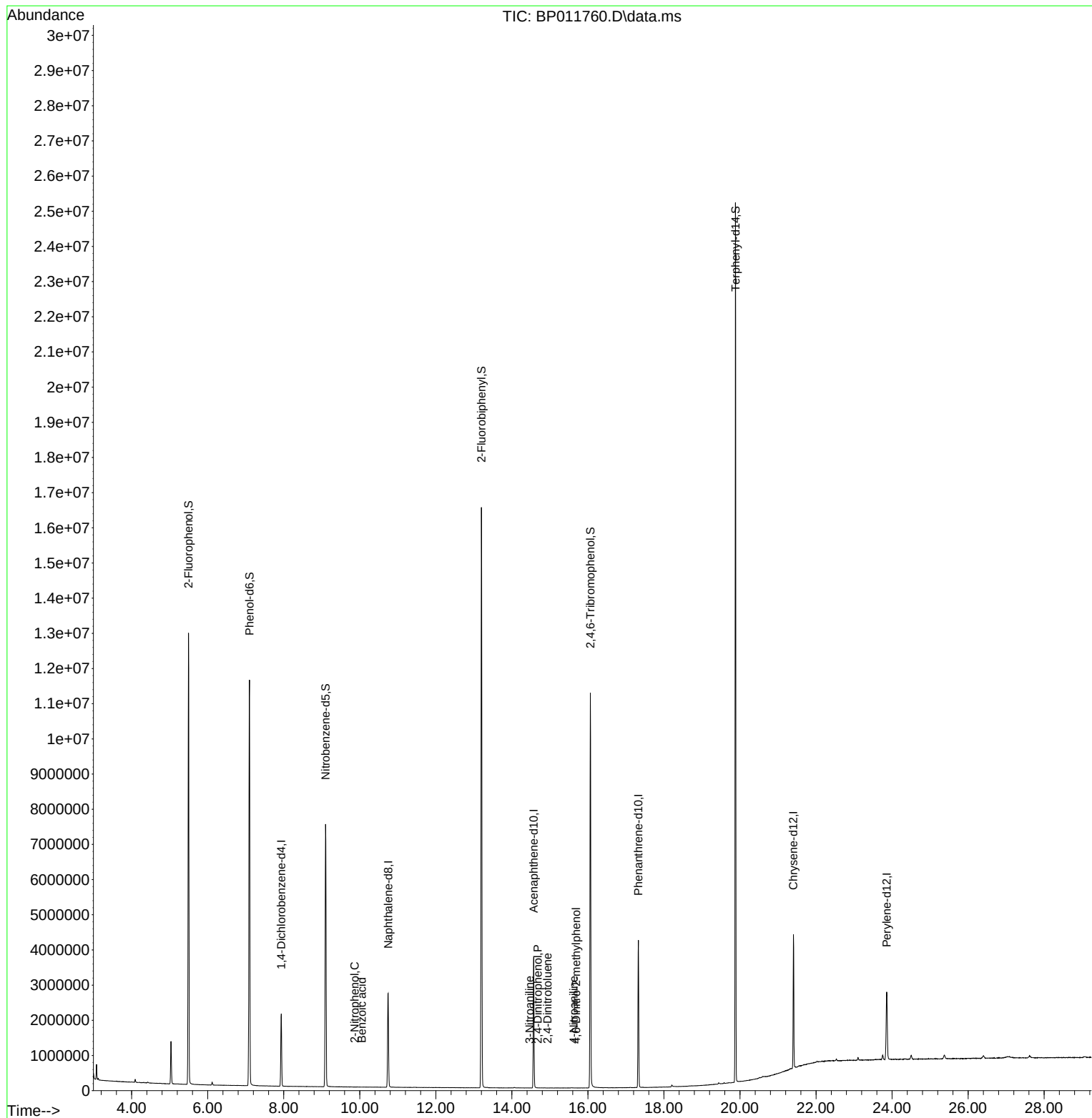
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	556038	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2251575	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1231070	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2329494	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	1641980	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	1326546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	5681536	185.987	ng	0.00
7) Phenol-d6	7.099	99	7082751	173.934	ng	0.00
23) Nitrobenzene-d5	9.099	82	4389891	115.631	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1577062	163.956	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	8169519	103.154	ng	0.00
79) Terphenyl-d14	19.880	244	10340751	136.949	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	104	3.571	ng	# 1
32) Benzoic acid	10.052	122	124	6.640	ng	# 1
53) 3-Nitroaniline	14.463	138	28	2.386	ng	# 9
54) 2,4-Dinitrophenol	14.681	184	13	6.582	ng	# 1
57) 2,4-Dinitrotoluene	14.940	165	48	2.990	ng	# 1
62) 4-Nitroaniline	15.628	138	15	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	5	5.854	ng	# 1

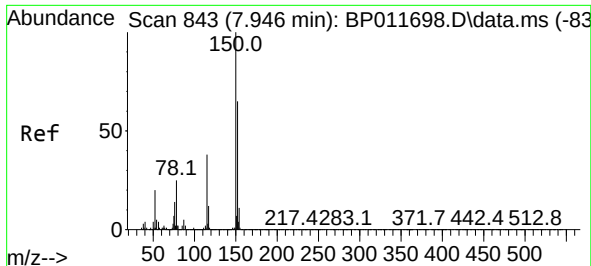
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
Data File : BP011760.D
Acq On : 20 Sep 2022 13:26
Operator : CG/JU
Sample : PB147737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB147737BL

Quant Time: Sep 21 06:45:11 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

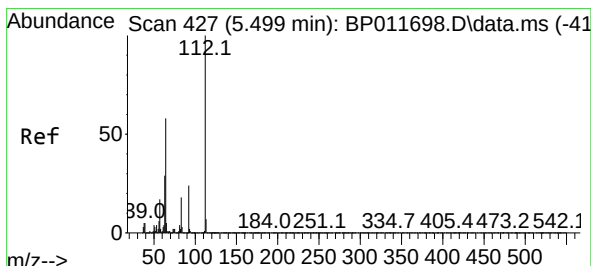
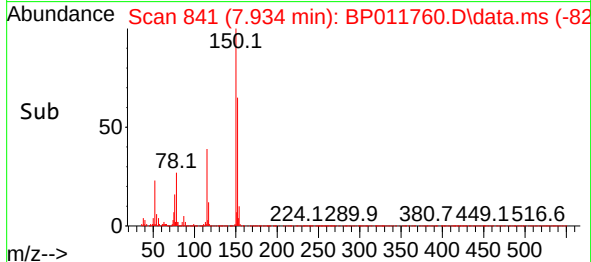
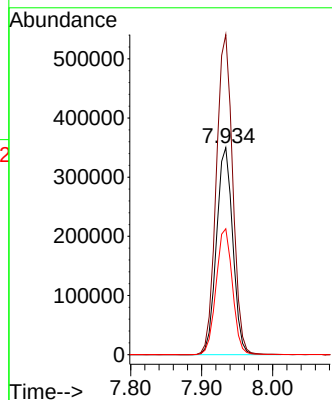
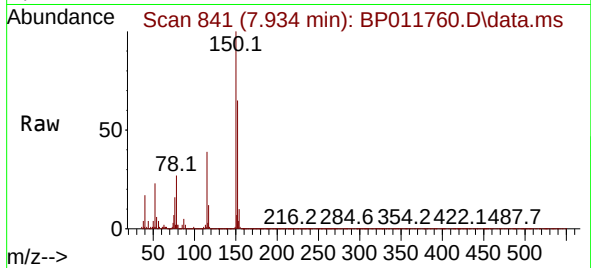




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

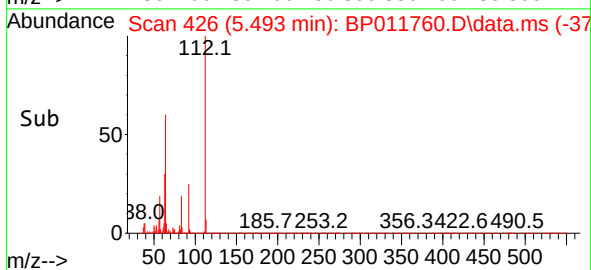
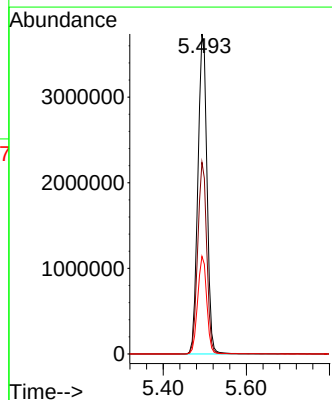
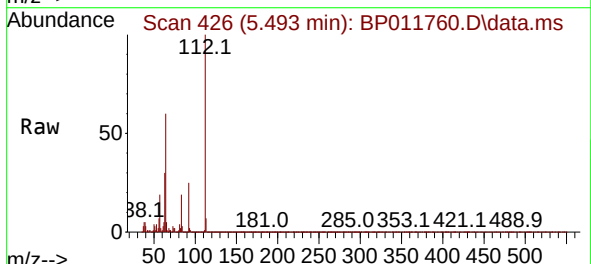
Instrument :
BNA_P
ClientSampleId :
PB147737BL

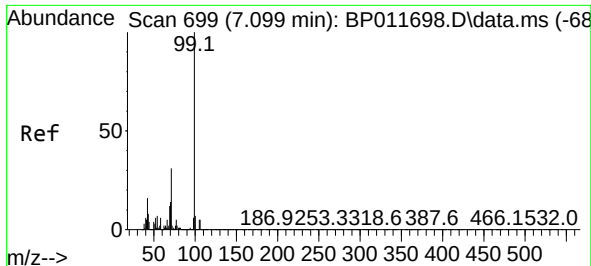
Tgt Ion:152 Resp: 556038
Ion Ratio Lower Upper
152 100
150 154.5 123.4 185.2
115 60.8 51.3 76.9



#5
2-Fluorophenol
Concen: 185.987 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Tgt Ion:112 Resp: 5681536
Ion Ratio Lower Upper
112 100
64 59.9 56.9 85.3
63 30.5 31.2 46.8#



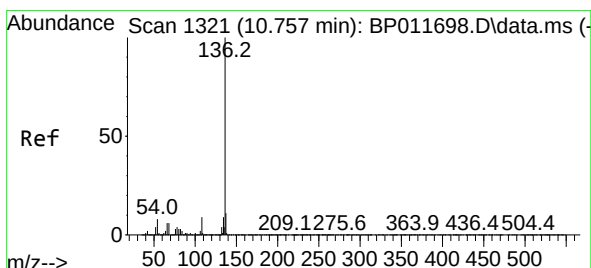
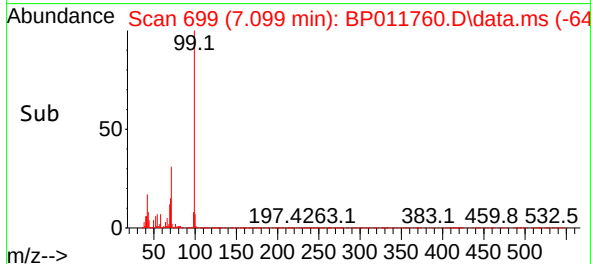
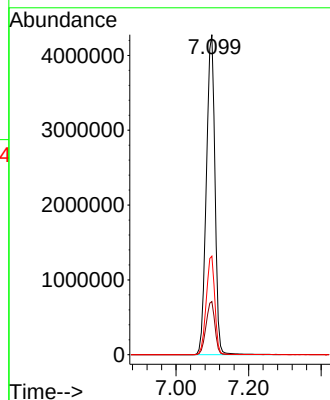
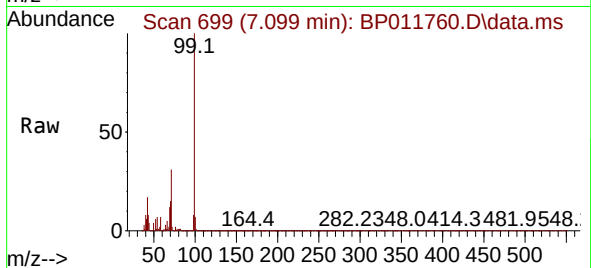


#7
Phenol-d6
Concen: 173.934 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Instrument :
BNA_P
ClientSampleId :
PB147737BL

Tgt Ion: 99 Resp: 7082751

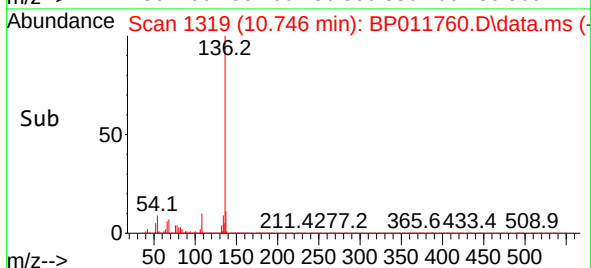
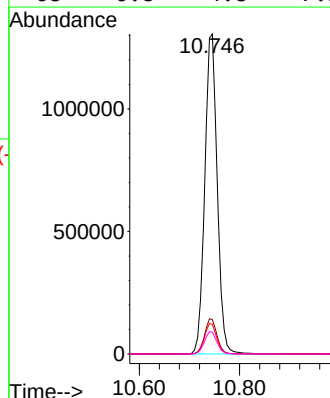
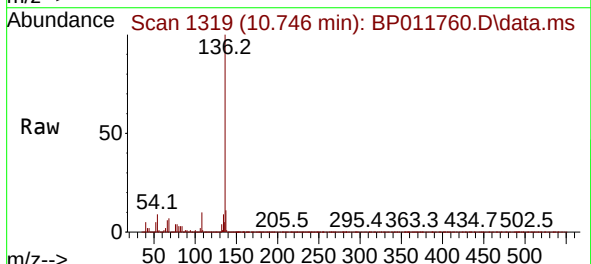
Ion	Ratio	Lower	Upper
99	100		
42	16.6	20.3	30.5#
71	30.8	33.9	50.9#

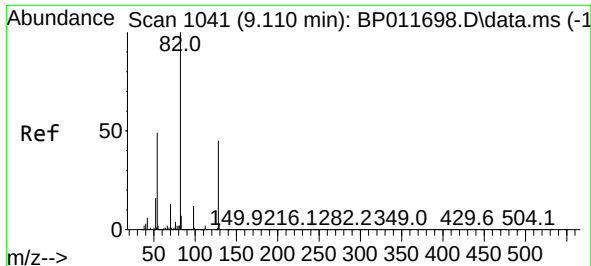


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Tgt Ion: 136 Resp: 2251575

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.2	8.7	13.1
68	6.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 115.631 ng

RT: 9.099 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

Instrument :

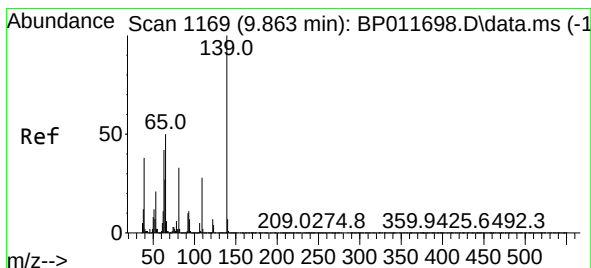
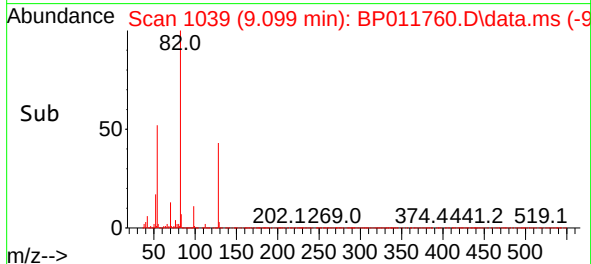
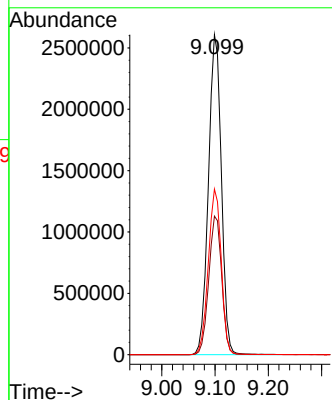
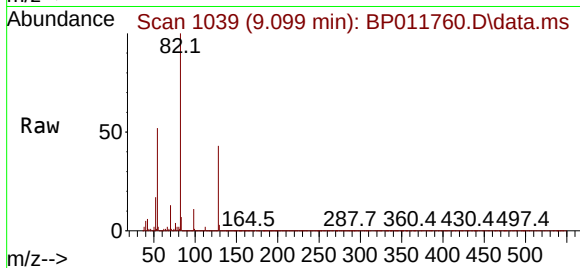
BNA_P

ClientSampleId :

PB147737BL

Tgt Ion: 82 Resp: 4389891

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	51.8	49.8	74.8



#26

2-Nitrophenol

Concen: 3.571 ng

RT: 9.863 min Scan# 1169

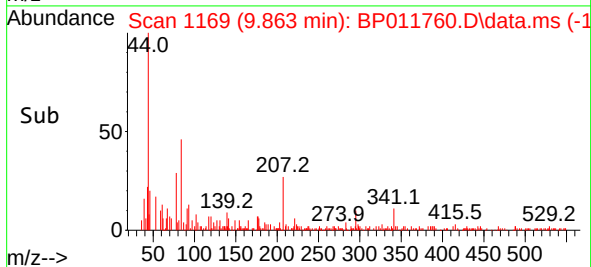
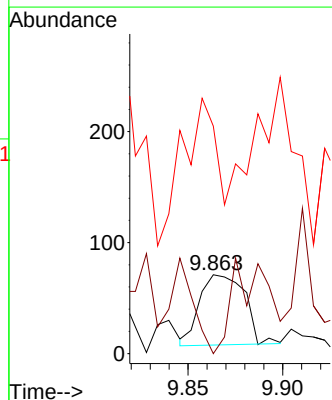
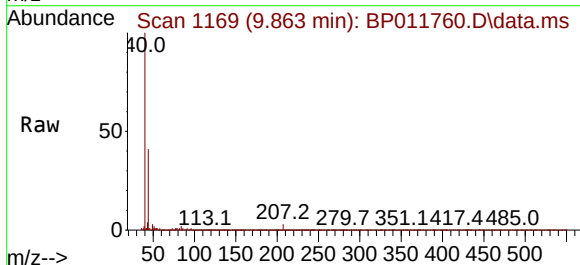
Delta R.T. 0.006 min

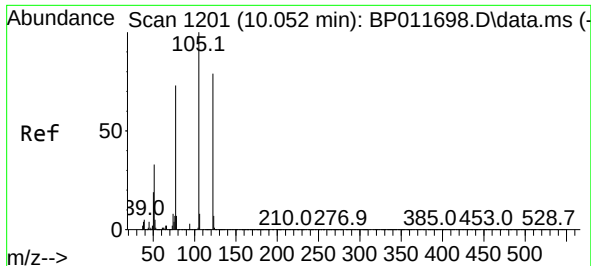
Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

Tgt Ion: 139 Resp: 104

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	288.7	52.2	78.2#

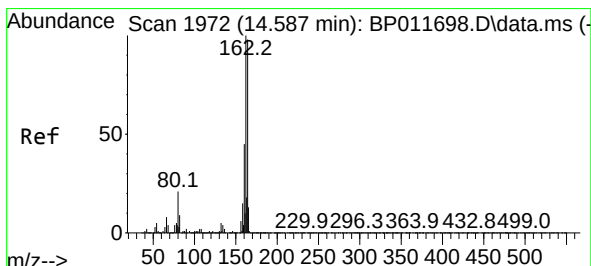
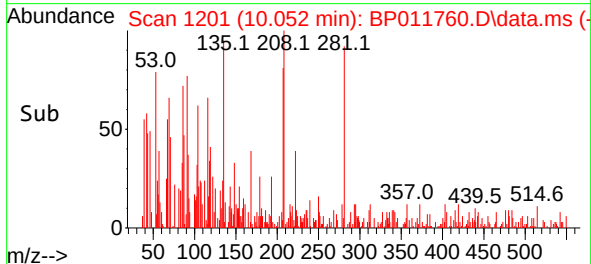
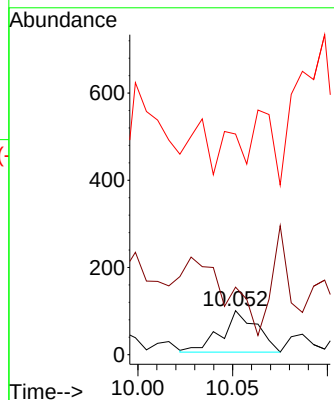
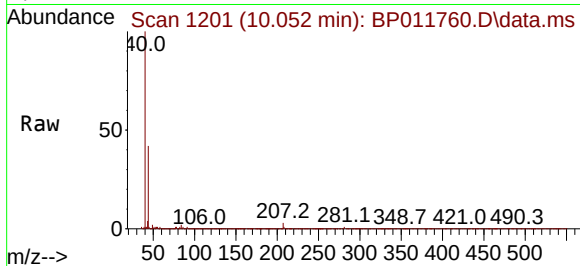




#32
Benzoic acid
Concen: 6.640 ng
RT: 10.052 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

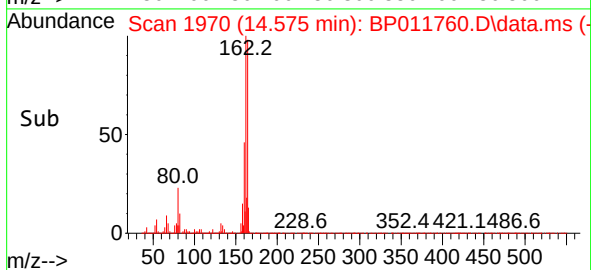
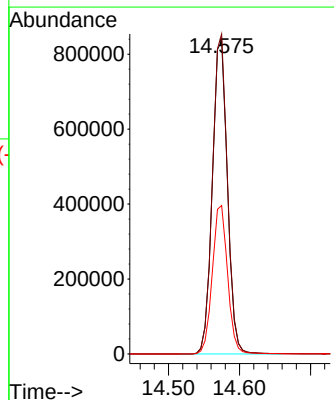
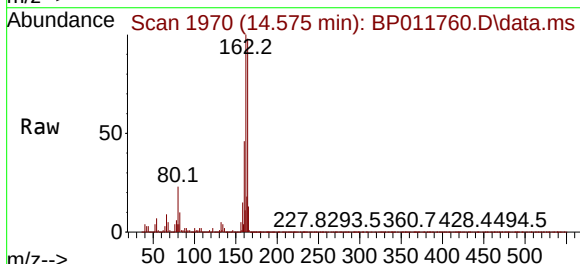
Instrument :
BNA_P
ClientSampleId :
PB147737BL

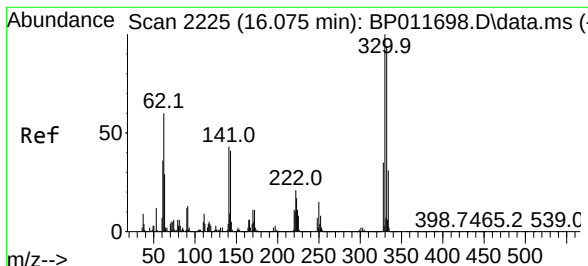
Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 153.5 112.6 152.6#
77 501.0 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Tgt Ion:164 Resp: 1231070
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 47.5 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 163.956 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

Instrument :

BNA_P

ClientSampleId :

PB147737BL

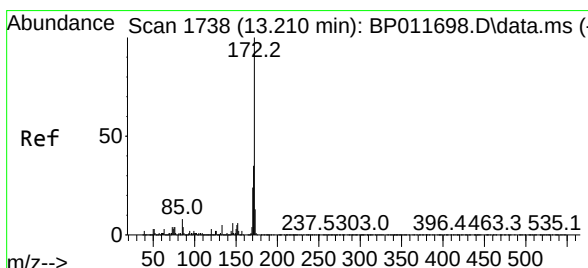
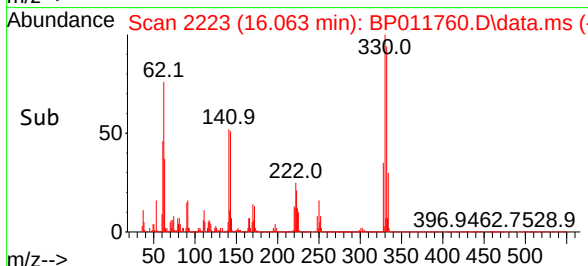
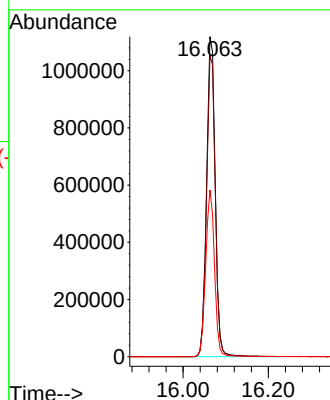
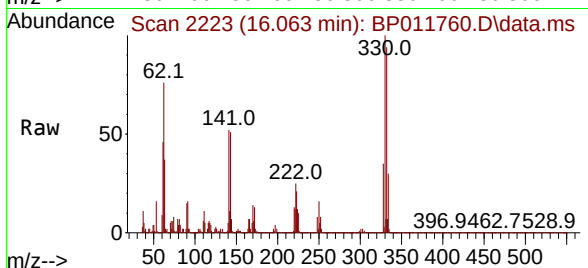
Tgt Ion:330 Resp: 1577062

Ion Ratio Lower Upper

330 100

332 95.0 78.1 117.1

141 53.3 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 103.154 ng

RT: 13.198 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

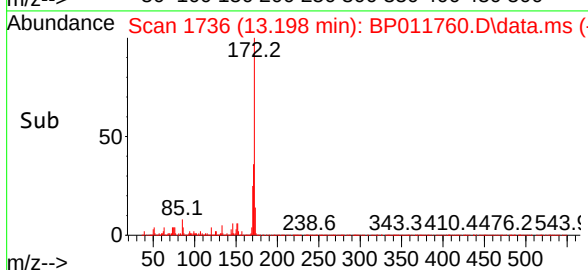
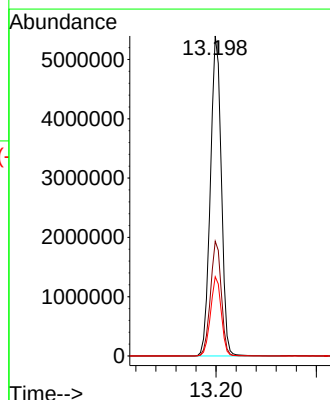
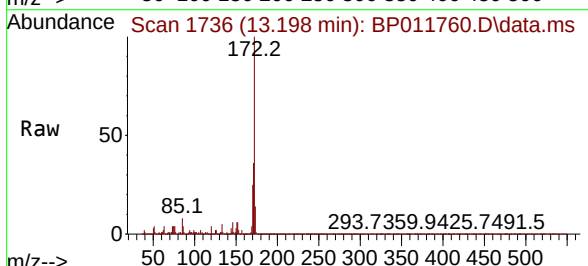
Tgt Ion:172 Resp: 8169519

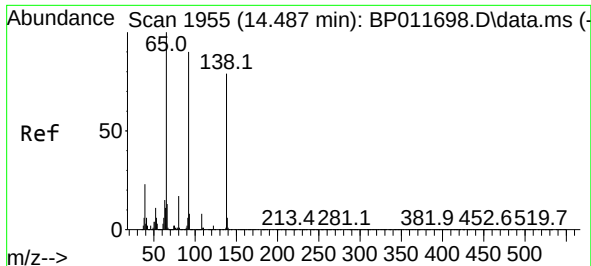
Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.7 18.2 27.2

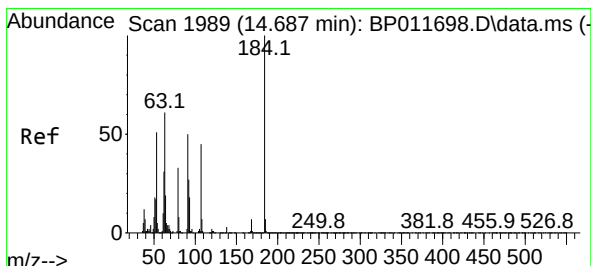
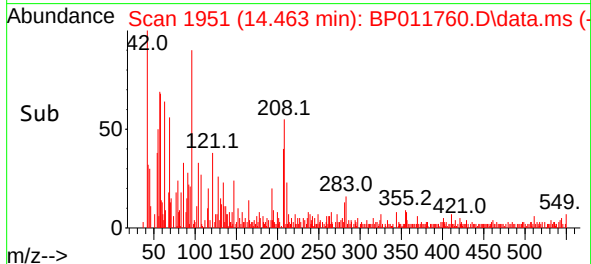
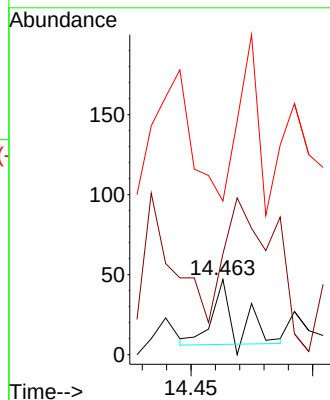
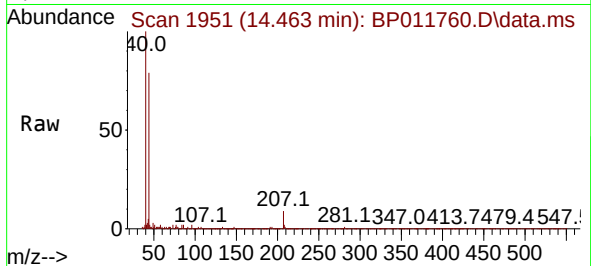




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.463 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

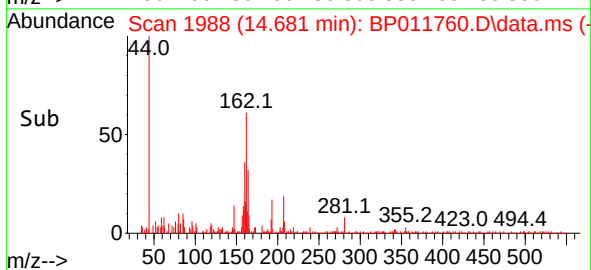
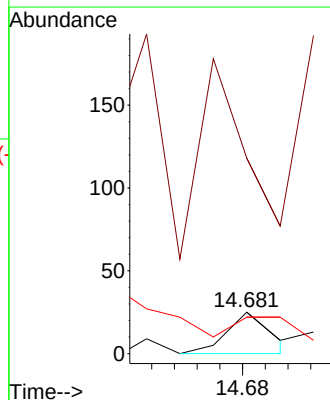
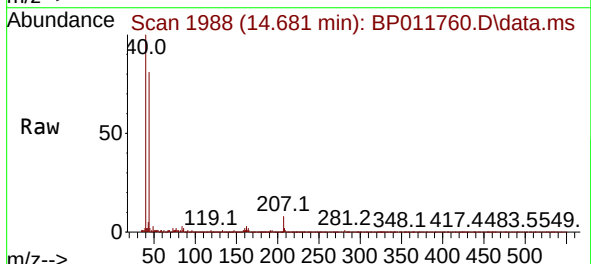
Instrument :
BNA_P
ClientSampleId :
PB147737BL

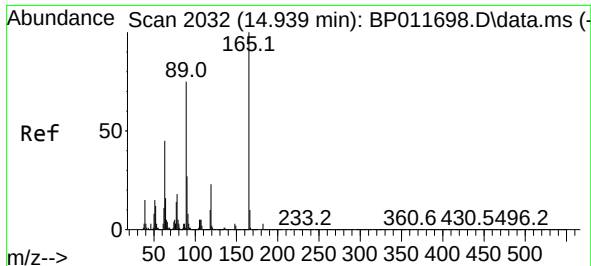
Tgt Ion:138 Resp: 28
Ion Ratio Lower Upper
138 100
108 134.0 9.5 14.3#
92 204.3 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.582 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 472.0 65.4 98.2#
154 88.0 55.4 83.2#

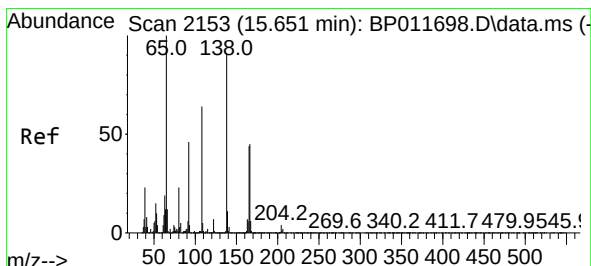
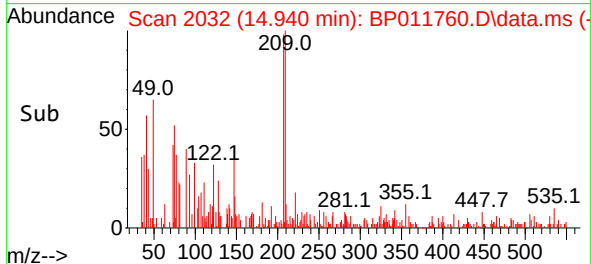
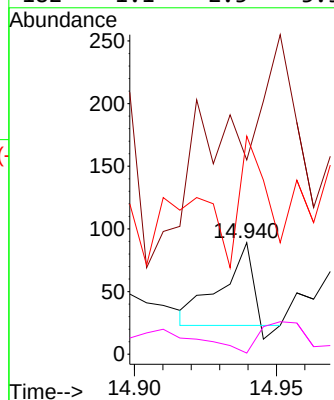
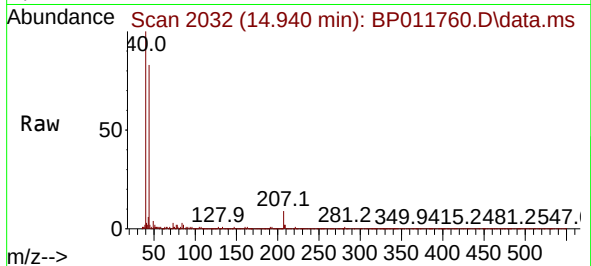




#57
2,4-Dinitrotoluene
Concen: 2.990 ng
RT: 14.940 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

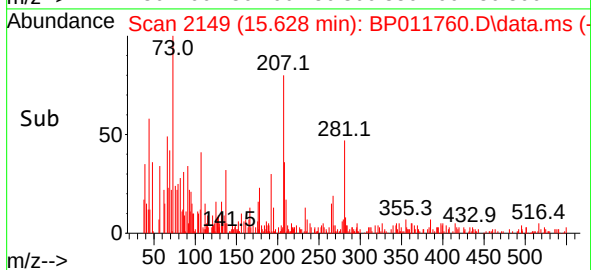
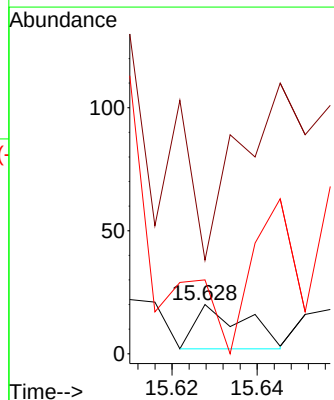
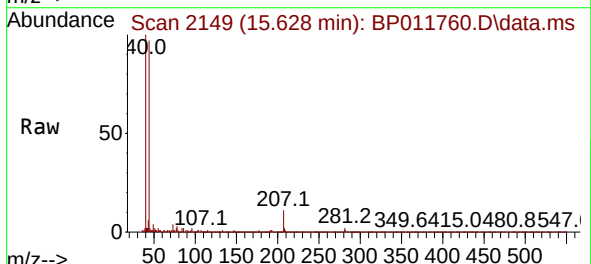
Instrument :
BNA_P
ClientSampleId :
PB147737BL

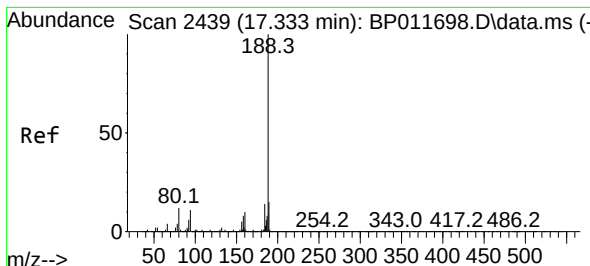
Tgt Ion:	165	Resp:	48
Ion	Ratio	Lower	Upper
165	100		
63	174.2	46.2	69.2#
89	195.5	65.8	98.8#
182	1.1	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.628 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP011760.D
Acq: 20 Sep 2022 13:26

Tgt Ion:	138	Resp:	15
Ion	Ratio	Lower	Upper
138	100		
92	190.0	38.0	78.0#
108	150.0	77.6	117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

Instrument :

BNA_P

ClientSampleId :

PB147737BL

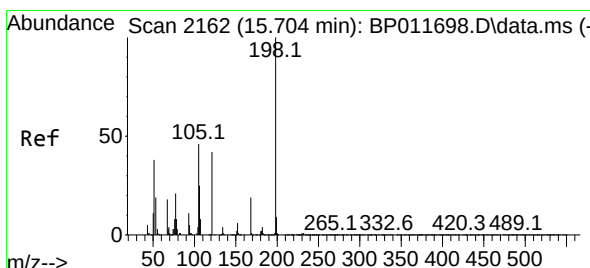
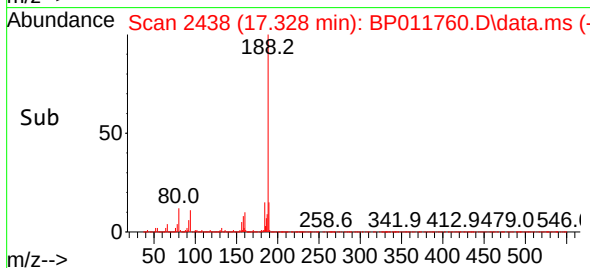
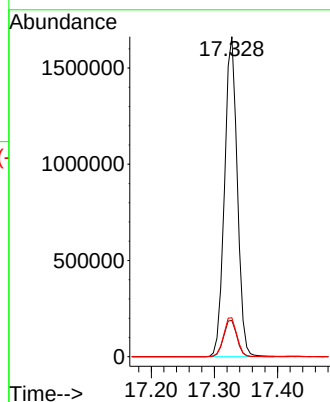
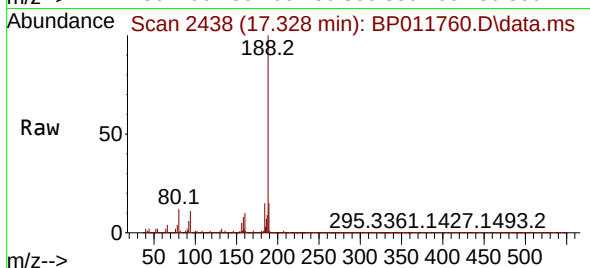
Tgt Ion:188 Resp: 2329494

Ion Ratio Lower Upper

188 100

94 11.3 6.6 10.0#

80 12.2 8.0 12.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.692 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

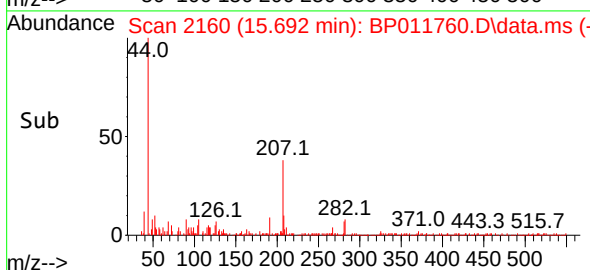
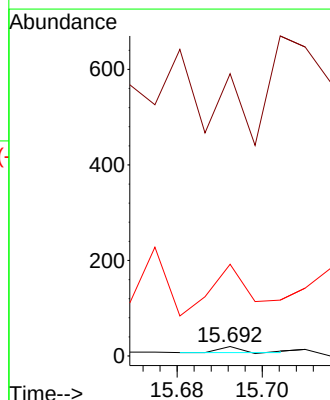
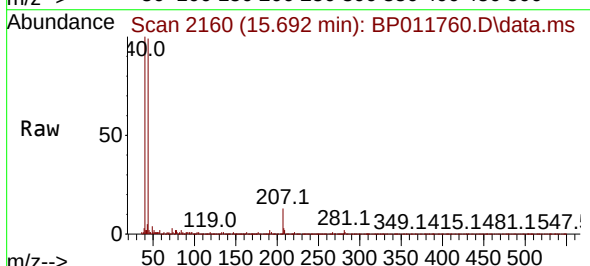
Tgt Ion:198 Resp: 5

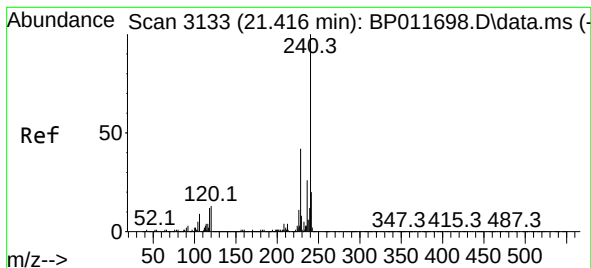
Ion Ratio Lower Upper

198 100

51 2955.0 41.2 81.2#

105 960.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

Instrument :

BNA_P

ClientSampleId :

PB147737BL

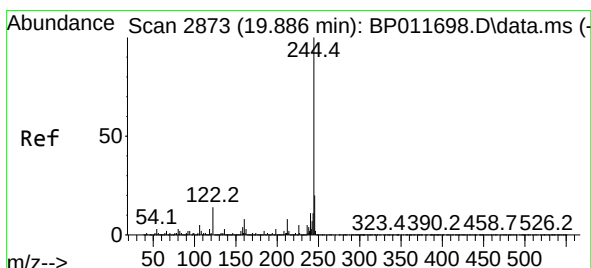
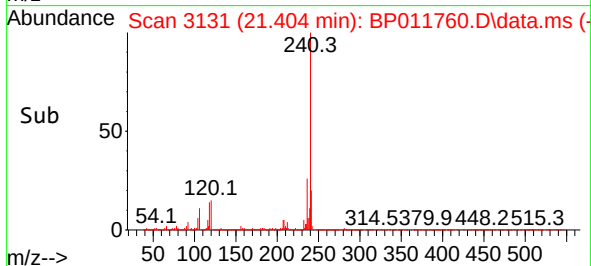
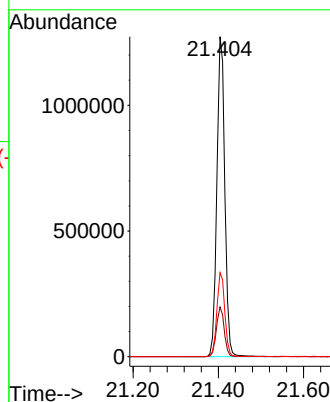
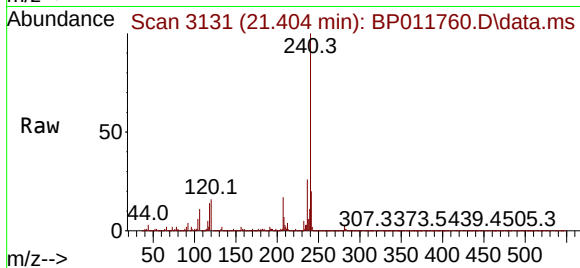
Tgt Ion:240 Resp: 1641980

Ion Ratio Lower Upper

240 100

120 15.5 8.6 12.8#

236 26.3 19.8 29.6



#79

Terphenyl-d14

Concen: 136.949 ng

RT: 19.880 min Scan# 2872

Delta R.T. 0.006 min

Lab File: BP011760.D

Acq: 20 Sep 2022 13:26

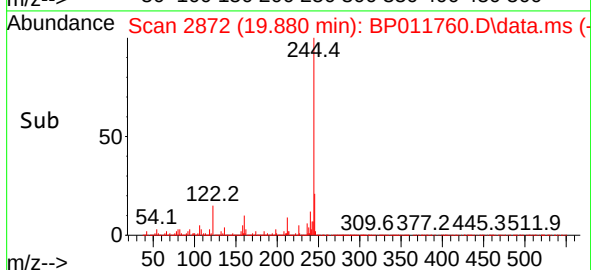
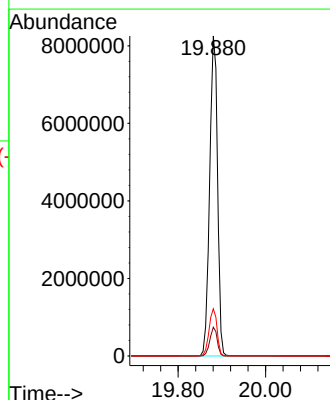
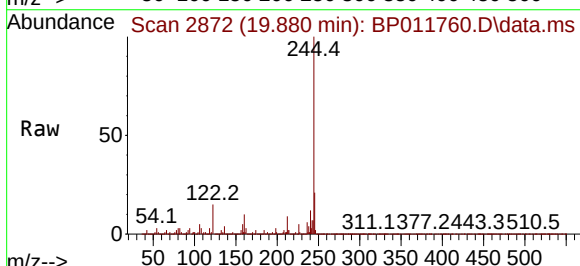
Tgt Ion:244 Resp:10340751

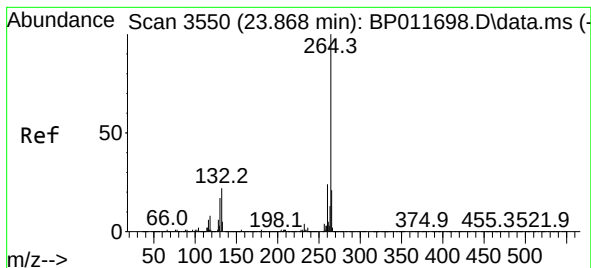
Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 14.8 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: BP011760.D

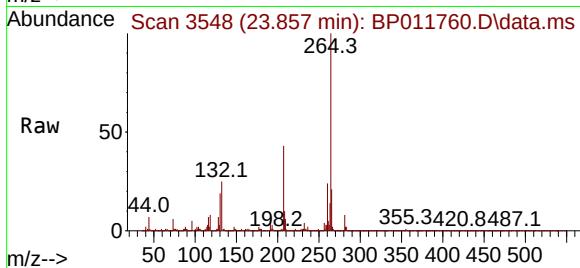
Acq: 20 Sep 2022 13:26

Instrument :

BNA_P

ClientSampleId :

PB147737BL



Tgt Ion:264 Resp: 1326546

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.4 18.0 27.0

