

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011671.D
 Acq On : 09 Sep 2022 19:41
 Operator : CG/JU
 Sample : N4549-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB090722

Quant Time: Sep 10 00:56:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

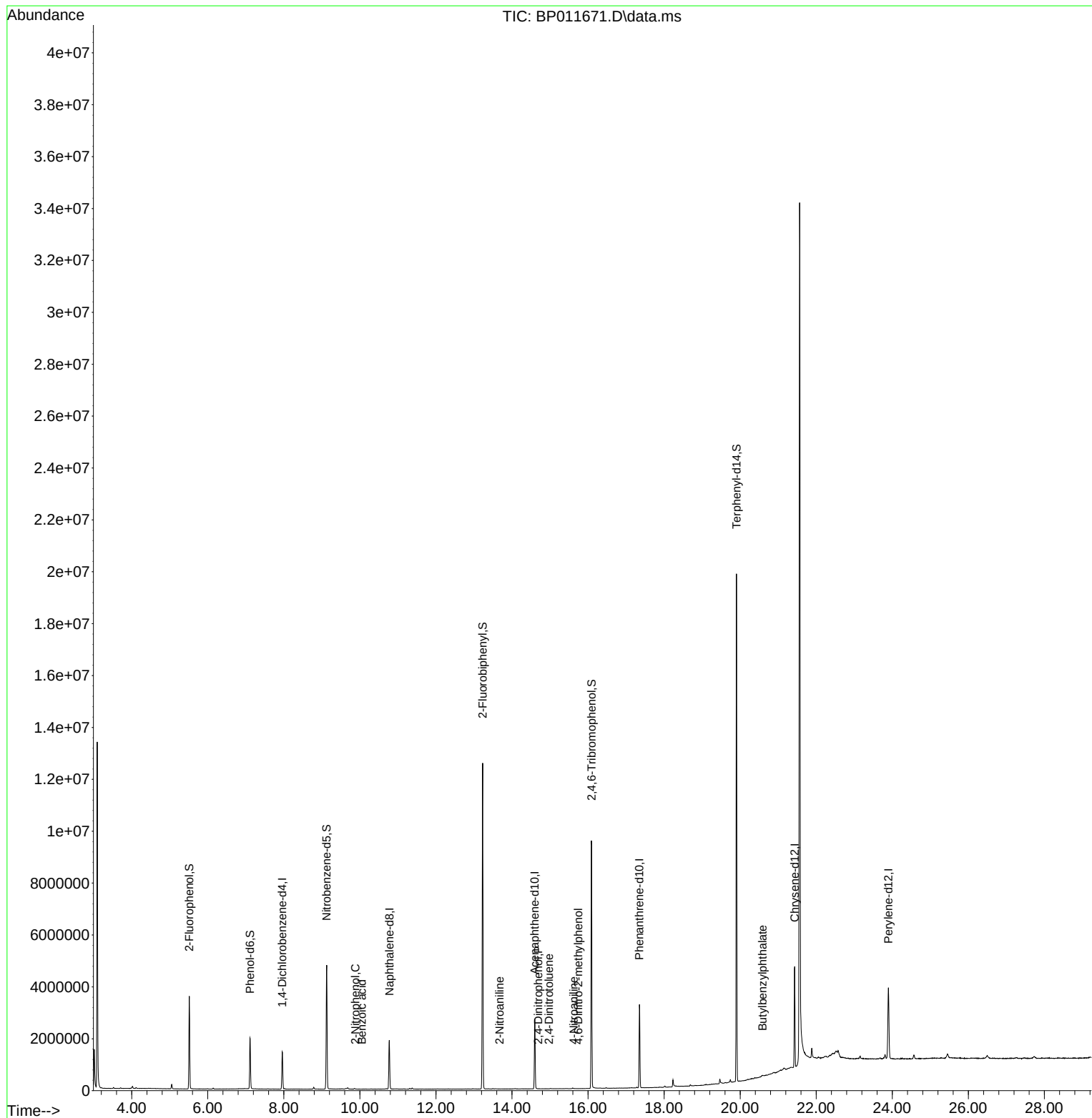
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	431005	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1656280	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	961042	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1974743	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1934821	20.000	ng	0.00
86) Perylene-d12	23.898	264	2106802	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1694606	69.537	ng	0.00
7) Phenol-d6	7.110	99	1235955	38.328	ng	0.00
23) Nitrobenzene-d5	9.128	82	2704947	100.249	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1970003	181.429	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6743329	100.339	ng	0.00
79) Terphenyl-d14	19.904	244	9395747	101.711	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	89	4.896	ng	# 1
32) Benzoic acid	10.051	122	555	8.630	ng	# 1
48) 2-Nitroaniline	13.675	65	114	3.409	ng	# 28
54) 2,4-Dinitrophenol	14.692	184	59	6.461	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	125	3.650	ng	# 88
62) 4-Nitroaniline	15.628	138	57	2.648	ng	# 84
65) 4,6-Dinitro-2-methylph...	15.739	198	33	7.893	ng	# 1
80) Butylbenzylphthalate	20.586	149	1280	3.734	ng	# 67

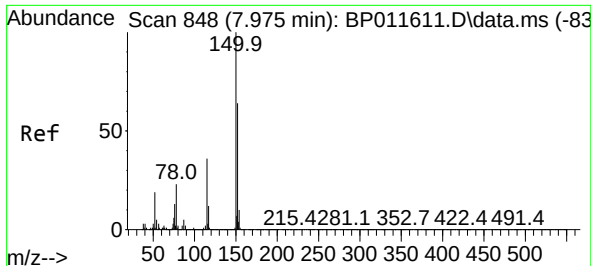
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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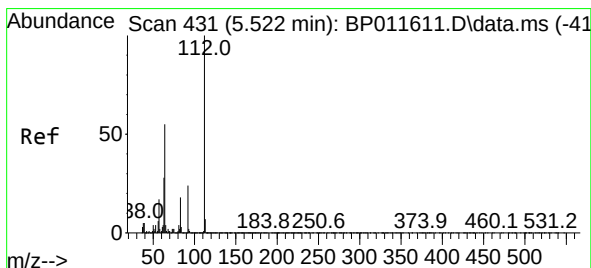
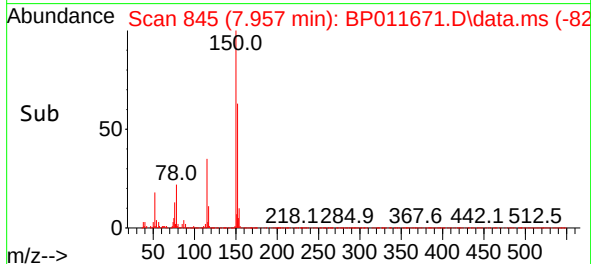
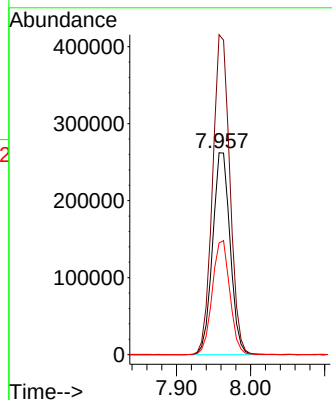
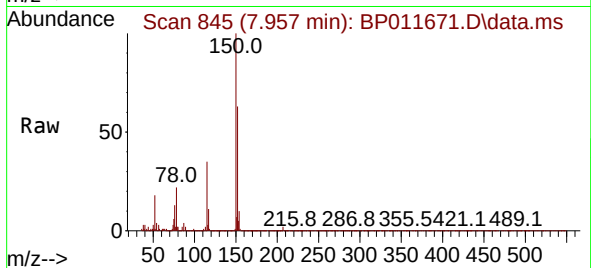




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

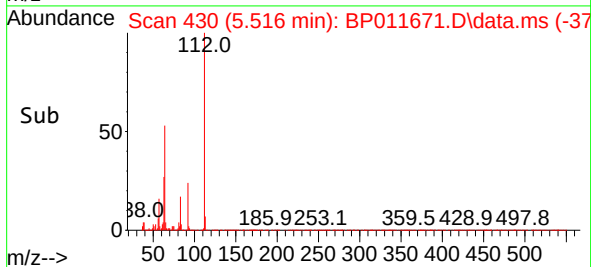
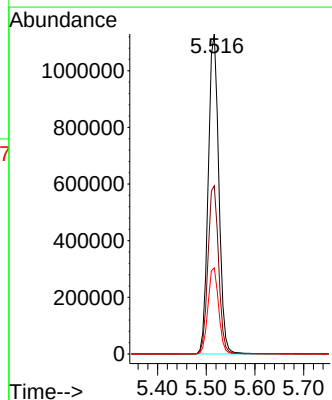
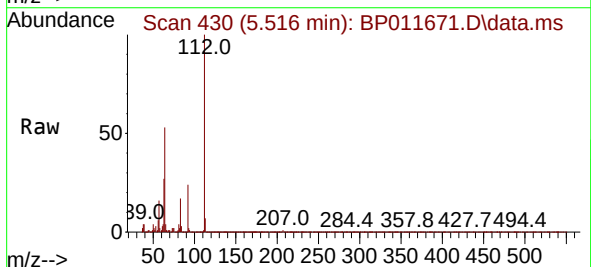
Instrument :
BNA_P
ClientSampleId :
FB090722

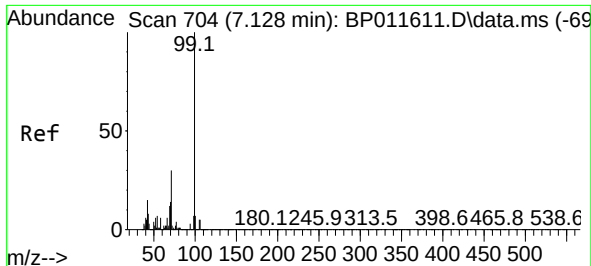
Tgt Ion:152 Resp: 431005
Ion Ratio Lower Upper
152 100
150 158.5 123.4 185.2
115 55.3 51.3 76.9



#5
2-Fluorophenol
Concen: 69.537 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:112 Resp: 1694606
Ion Ratio Lower Upper
112 100
64 52.6 56.9 85.3#
63 26.9 31.2 46.8#





#7

Phenol-d6

Concen: 38.328 ng

RT: 7.110 min Scan# 704

Delta R.T. -0.006 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

Instrument :

BNA_P

ClientSampleId :

FB090722

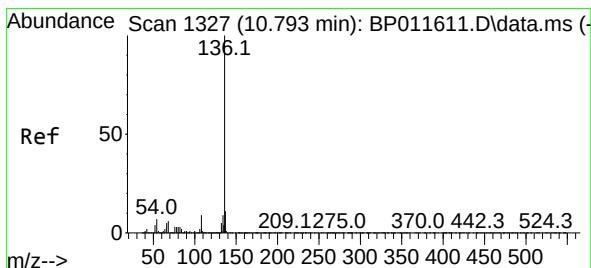
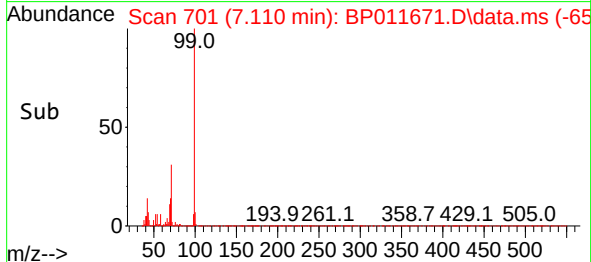
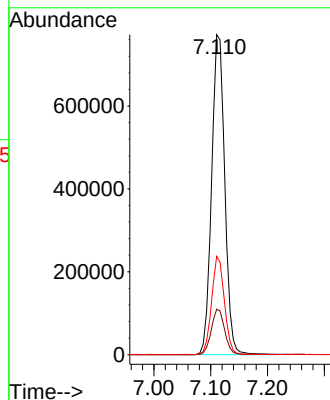
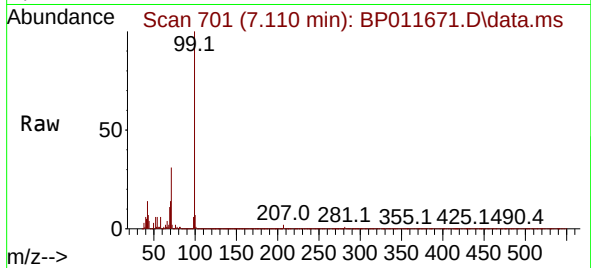
Tgt Ion: 99 Resp: 1235955

Ion Ratio Lower Upper

99 100

42 14.2 20.3 30.5#

71 30.8 33.9 50.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

Tgt Ion:136 Resp: 1656280

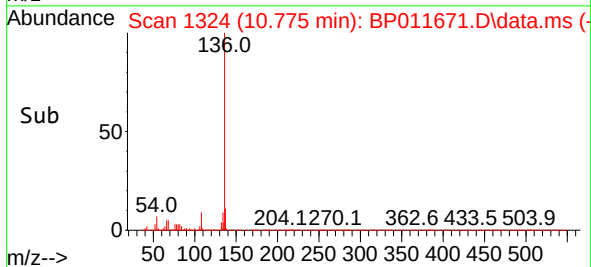
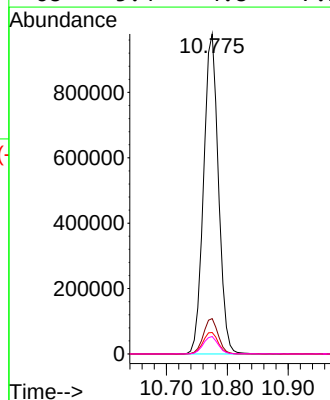
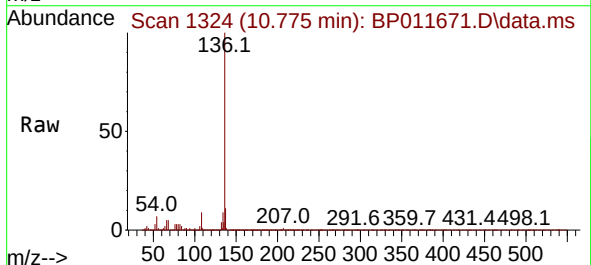
Ion Ratio Lower Upper

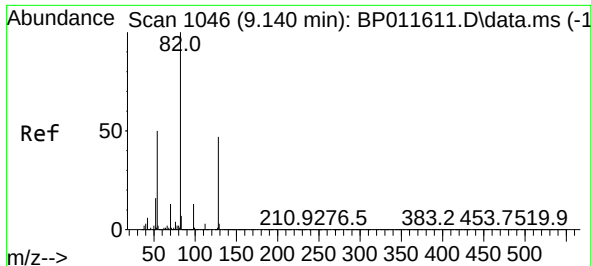
136 100

137 11.1 9.0 13.4

54 6.7 8.7 13.1#

68 5.4 4.8 7.2

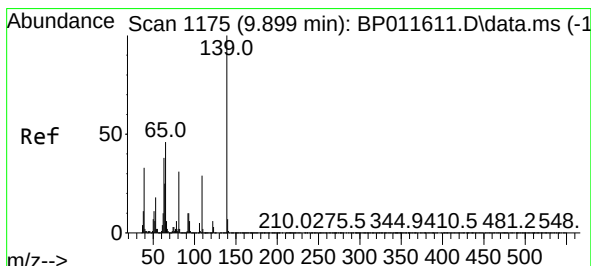
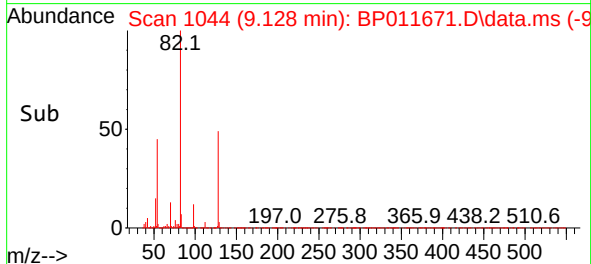
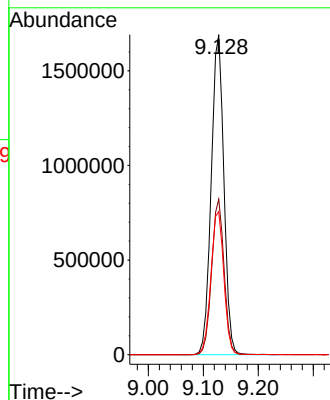
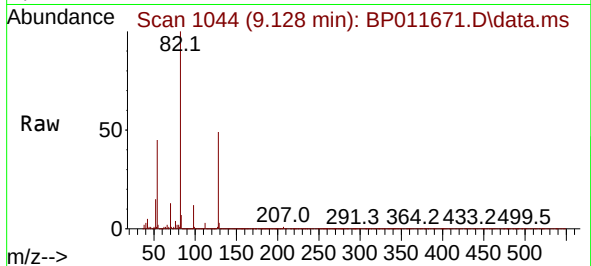




#23
Nitrobenzene-d5
Concen: 100.249 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

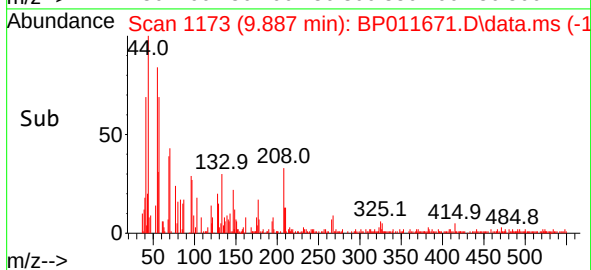
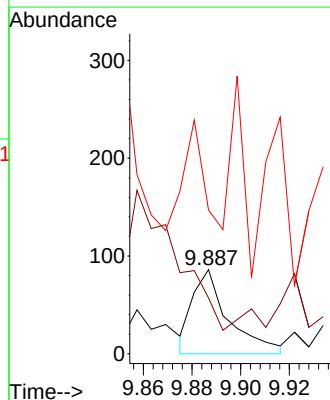
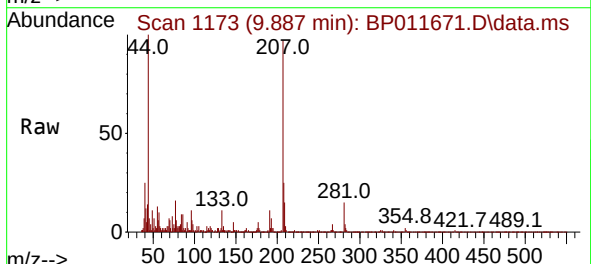
Instrument :
BNA_P
ClientSampleId :
FB090722

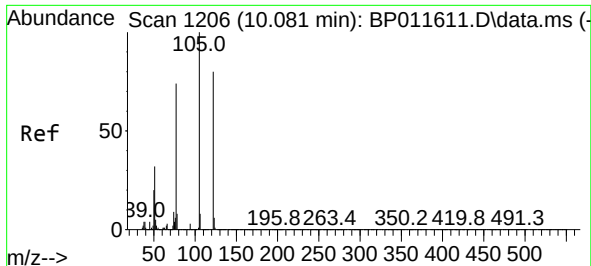
Tgt Ion: 82 Resp: 2704947
Ion Ratio Lower Upper
82 100
128 48.6 31.3 46.9#
54 44.7 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.896 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:139 Resp: 89
Ion Ratio Lower Upper
139 100
109 66.3 30.2 45.4#
65 170.9 52.2 78.2#

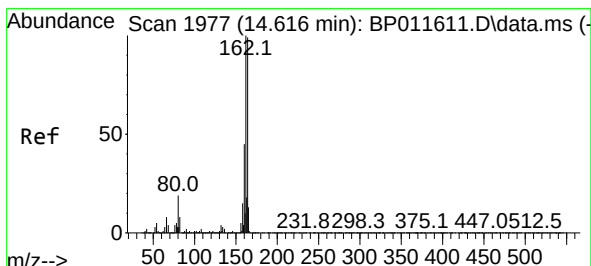
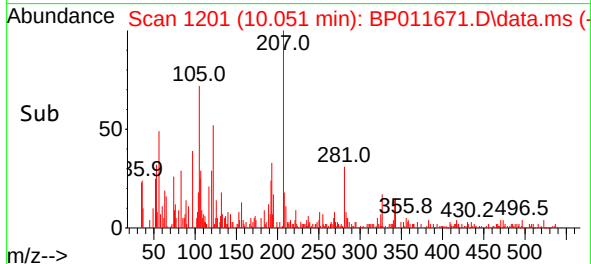
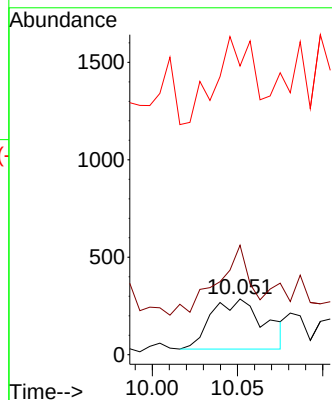
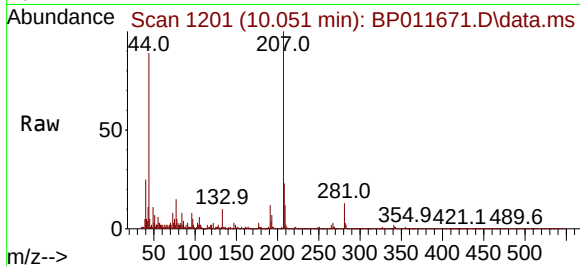




#32
Benzoic acid
Concen: 8.630 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

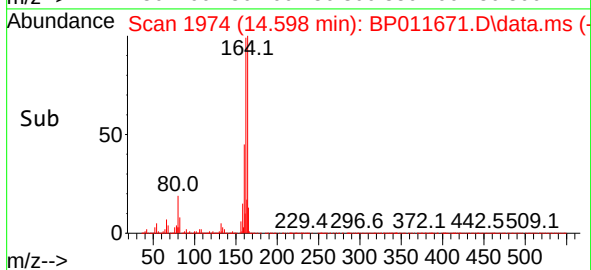
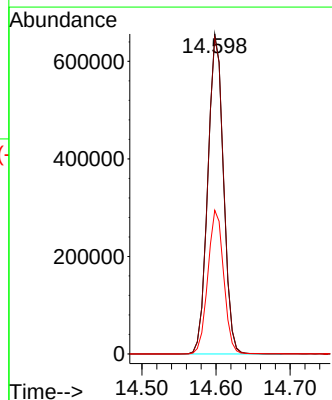
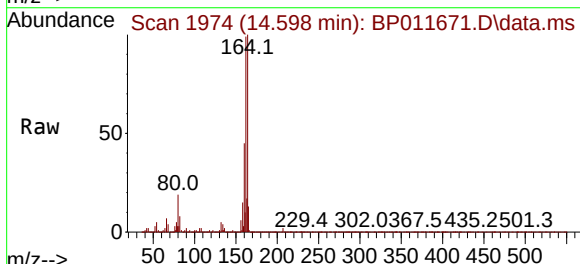
Instrument :
BNA_P
ClientSampleId :
FB090722

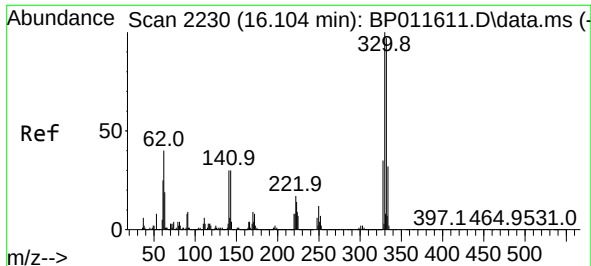
Tgt Ion:122 Resp: 555
Ion Ratio Lower Upper
122 100
105 196.5 112.6 152.6#
77 517.8 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:164 Resp: 961042
Ion Ratio Lower Upper
164 100
162 98.9 81.9 122.9
160 44.9 34.6 51.8

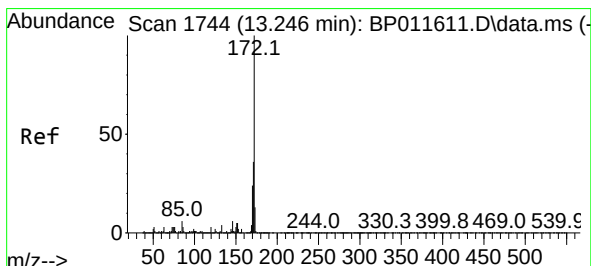
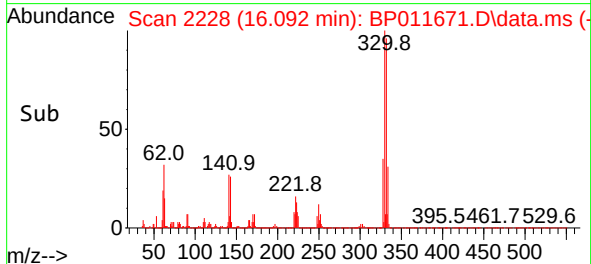
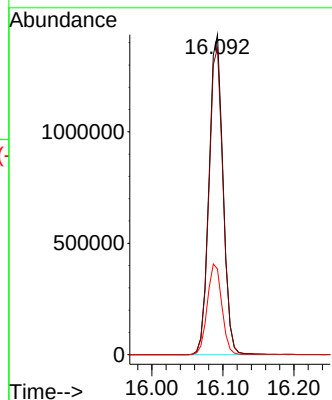
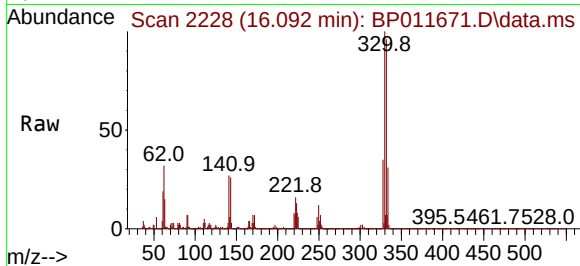




#42
2,4,6-Tribromophenol
Concen: 181.429 ng
RT: 16.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

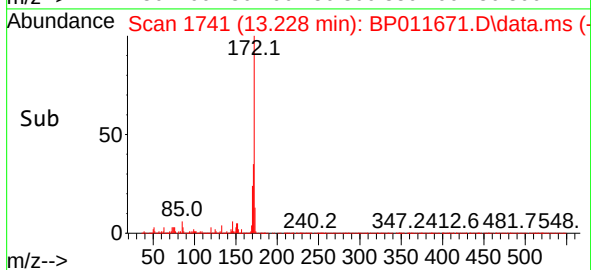
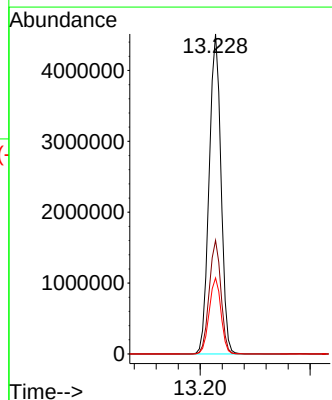
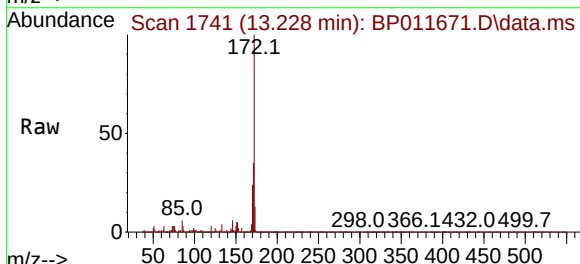
Instrument :
BNA_P
ClientSampleId :
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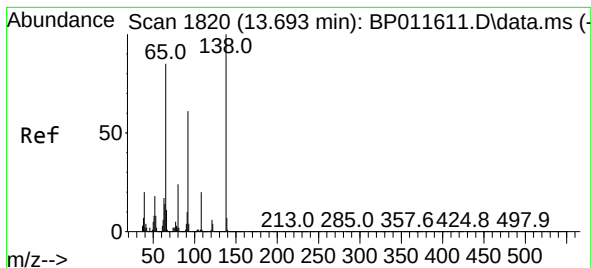
Tgt Ion:330 Resp: 1970003
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 29.5 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 100.339 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:172 Resp: 6743329
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.8 18.2 27.2





#48

2-Nitroaniline

Concen: 3.409 ng

RT: 13.675 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

Instrument :

BNA_P

ClientSampleId :

FB090722

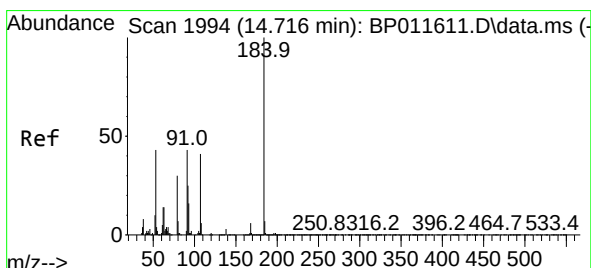
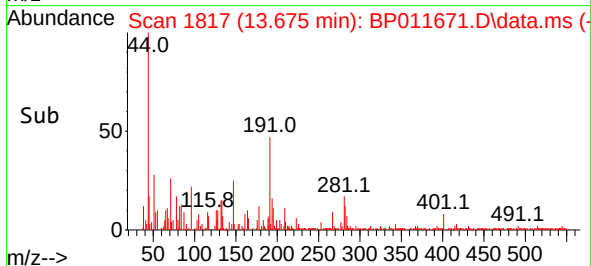
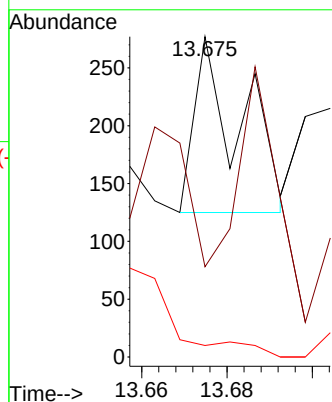
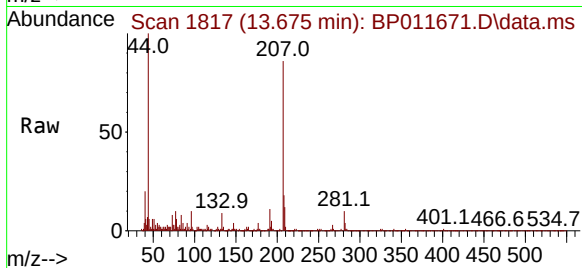
Tgt Ion: 65 Resp: 114

Ion Ratio Lower Upper

65 100

92 28.2 50.0 75.0#

138 3.6 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.461 ng

RT: 14.692 min Scan# 1990

Delta R.T. -0.012 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

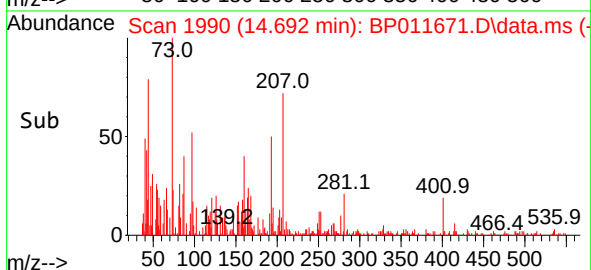
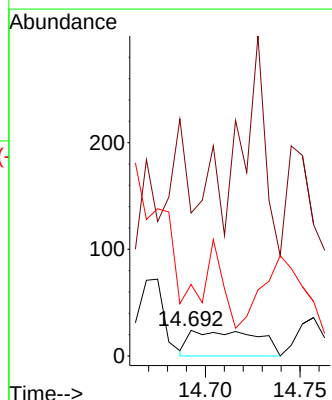
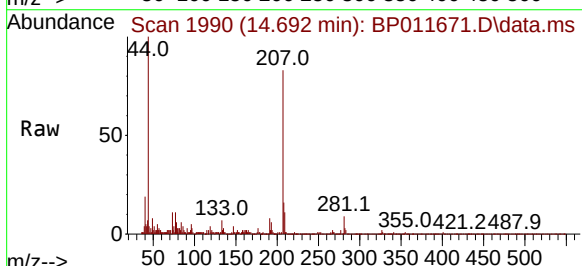
Tgt Ion: 184 Resp: 59

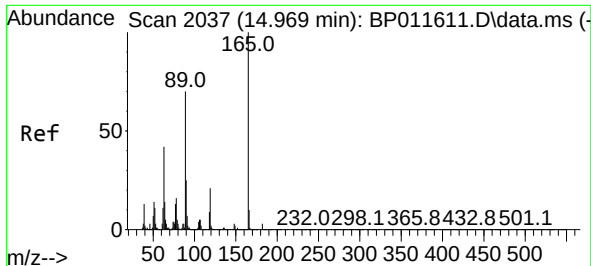
Ion Ratio Lower Upper

184 100

63 558.3 65.4 98.2#

154 279.2 55.4 83.2#

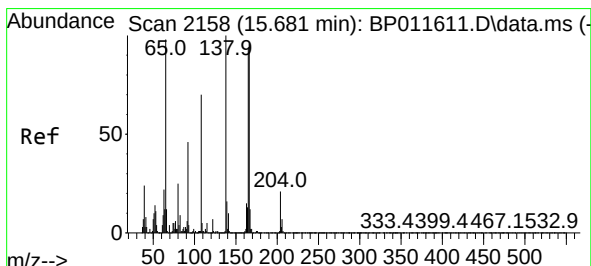
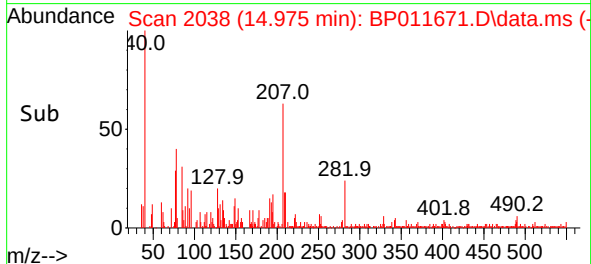
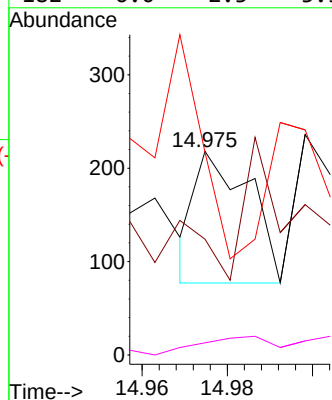
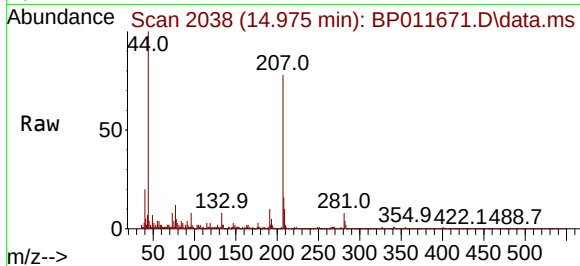




#57
2,4-Dinitrotoluene
Concen: 3.650 ng
RT: 14.975 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

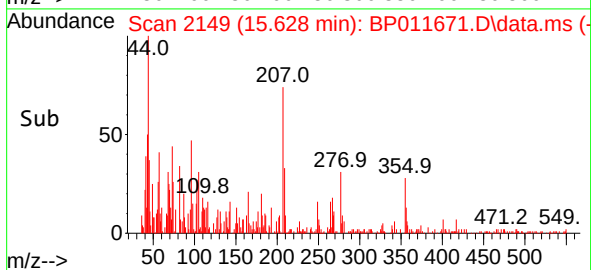
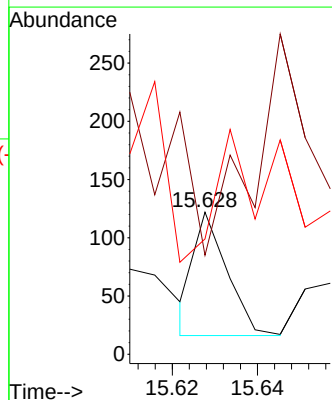
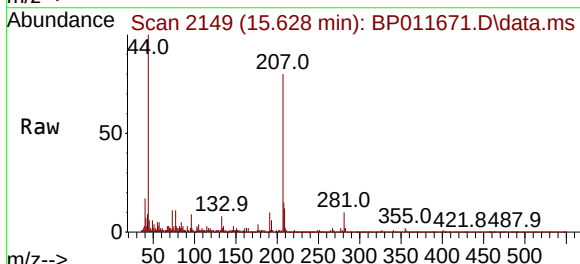
Instrument :
BNA_P
ClientSampleId :
FB090722

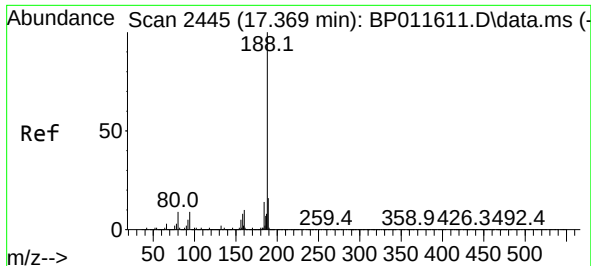
Tgt Ion:165	Resp:	125
Ion Ratio	Lower	Upper
165	100	
63	56.9	46.2 69.2
89	99.5	65.8 98.8#
182	6.0	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.648 ng
RT: 15.628 min Scan# 2149
Delta R.T. -0.041 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:138	Resp:	57
Ion Ratio	Lower	Upper
138	100	
92	69.7	38.0 78.0
108	81.1	77.6 117.6

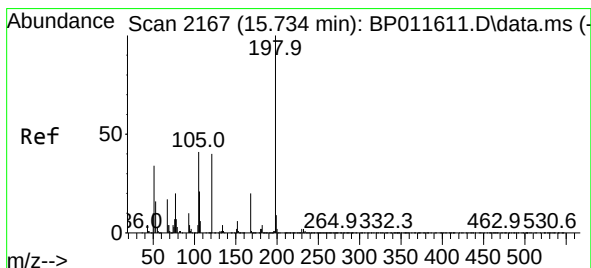
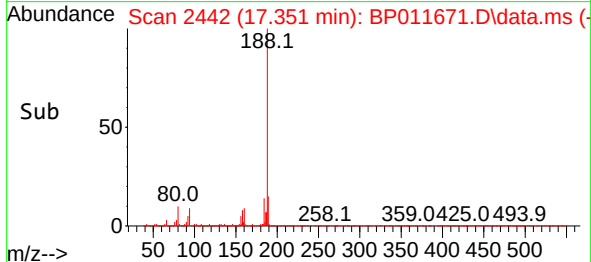
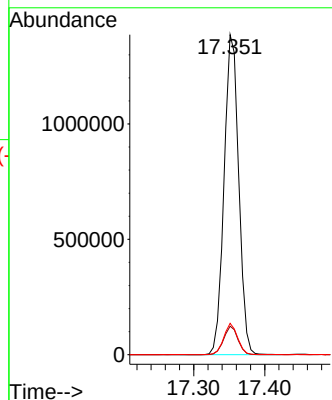
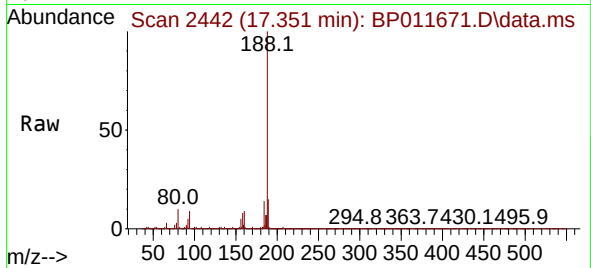




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

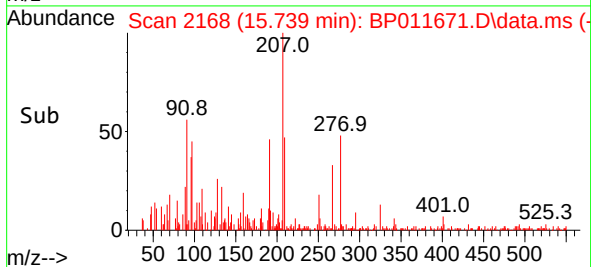
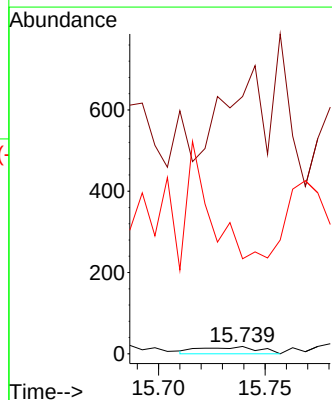
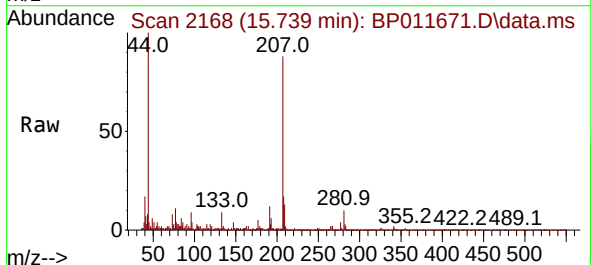
Instrument :
BNA_P
ClientSampleId :
FB090722

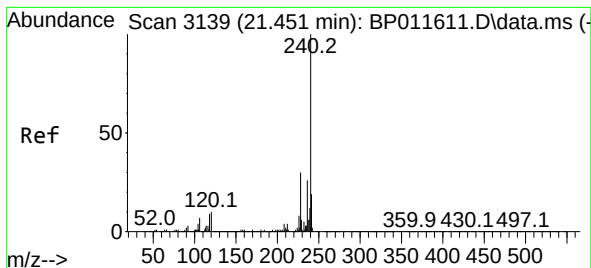
Tgt Ion:188 Resp: 1974743
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.893 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.017 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:198 Resp: 33
Ion Ratio Lower Upper
198 100
51 3516.7 41.2 81.2#
105 1300.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

Instrument :

BNA_P

ClientSampleId :

FB090722

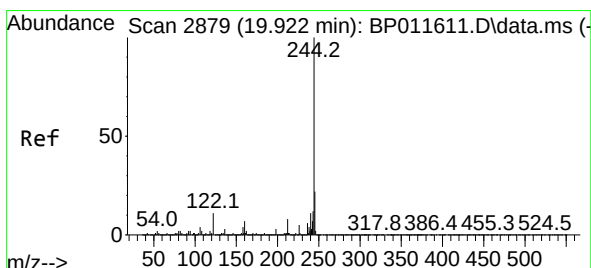
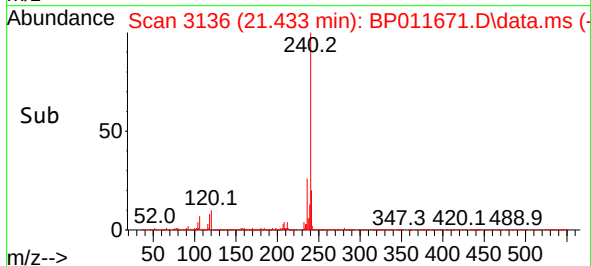
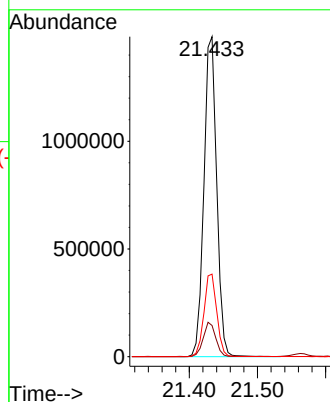
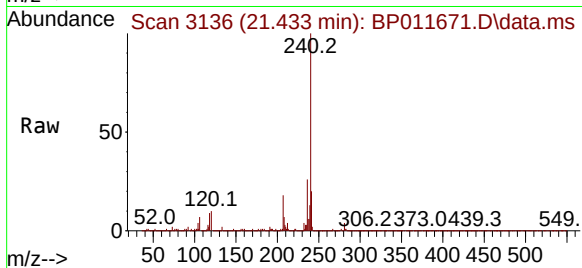
Tgt Ion:240 Resp: 1934821

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 25.8 19.8 29.6



#79

Terphenyl-d14

Concen: 101.711 ng

RT: 19.904 min Scan# 2876

Delta R.T. -0.006 min

Lab File: BP011671.D

Acq: 09 Sep 2022 19:41

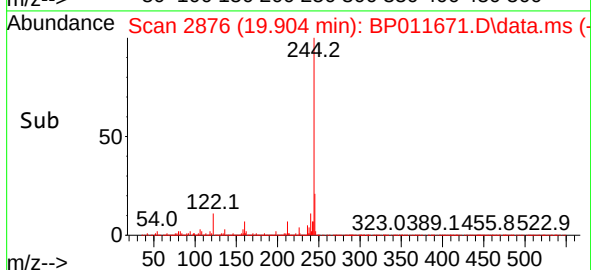
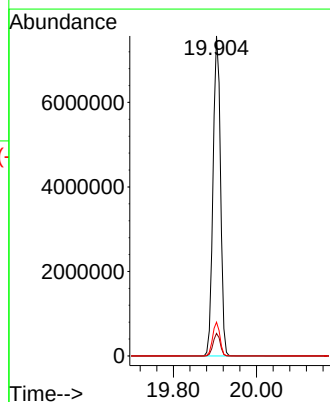
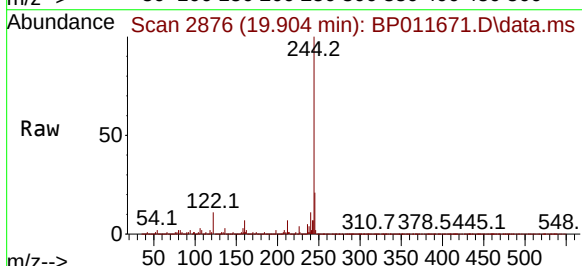
Tgt Ion:244 Resp: 9395747

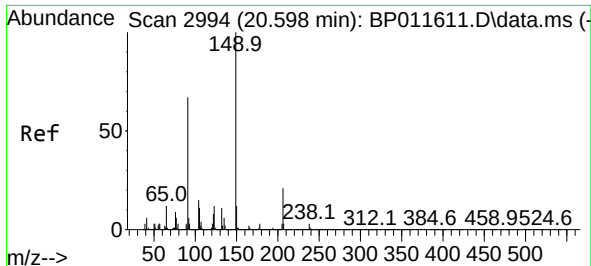
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.5 7.6 11.4

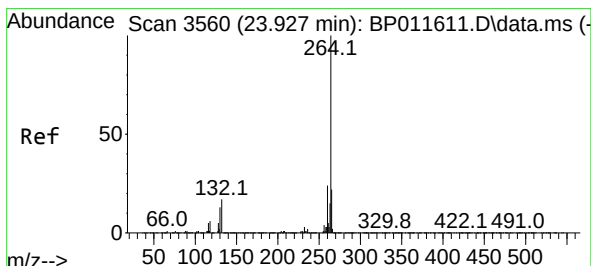
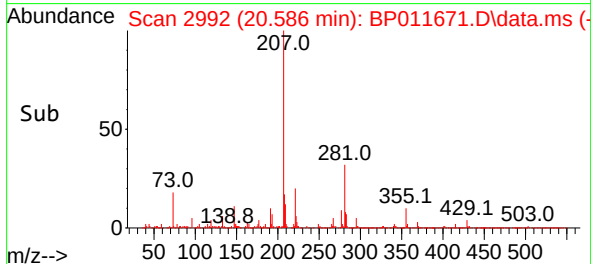
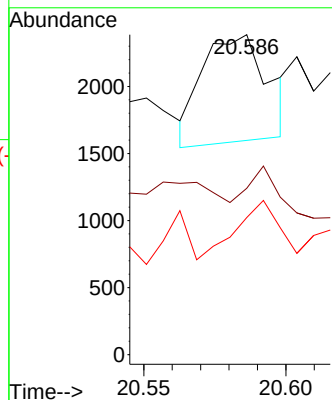
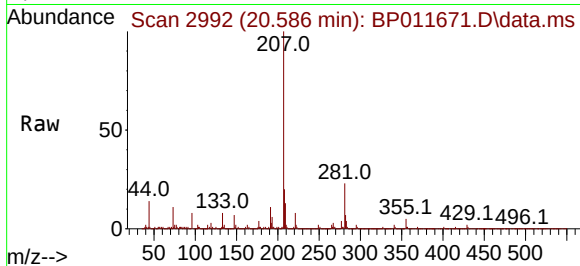




#80
Butylbenzylphthalate
Concen: 3.734 ng
RT: 20.586 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Instrument :
BNA_P
ClientSampleId :
FB090722

Tgt Ion:149 Resp: 1280
Ion Ratio Lower Upper
149 100
91 52.0 62.5 93.7#
206 42.8 17.0 25.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.898 min Scan# 3555
Delta R.T. -0.012 min
Lab File: BP011671.D
Acq: 09 Sep 2022 19:41

Tgt Ion:264 Resp: 2106802
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.5 18.0 27.0

