

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011751.D
 Acq On : 20 Sep 2022 00:28
 Operator : CG/JU
 Sample : N4678-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5869-1

Quant Time: Sep 20 04:53:19 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)

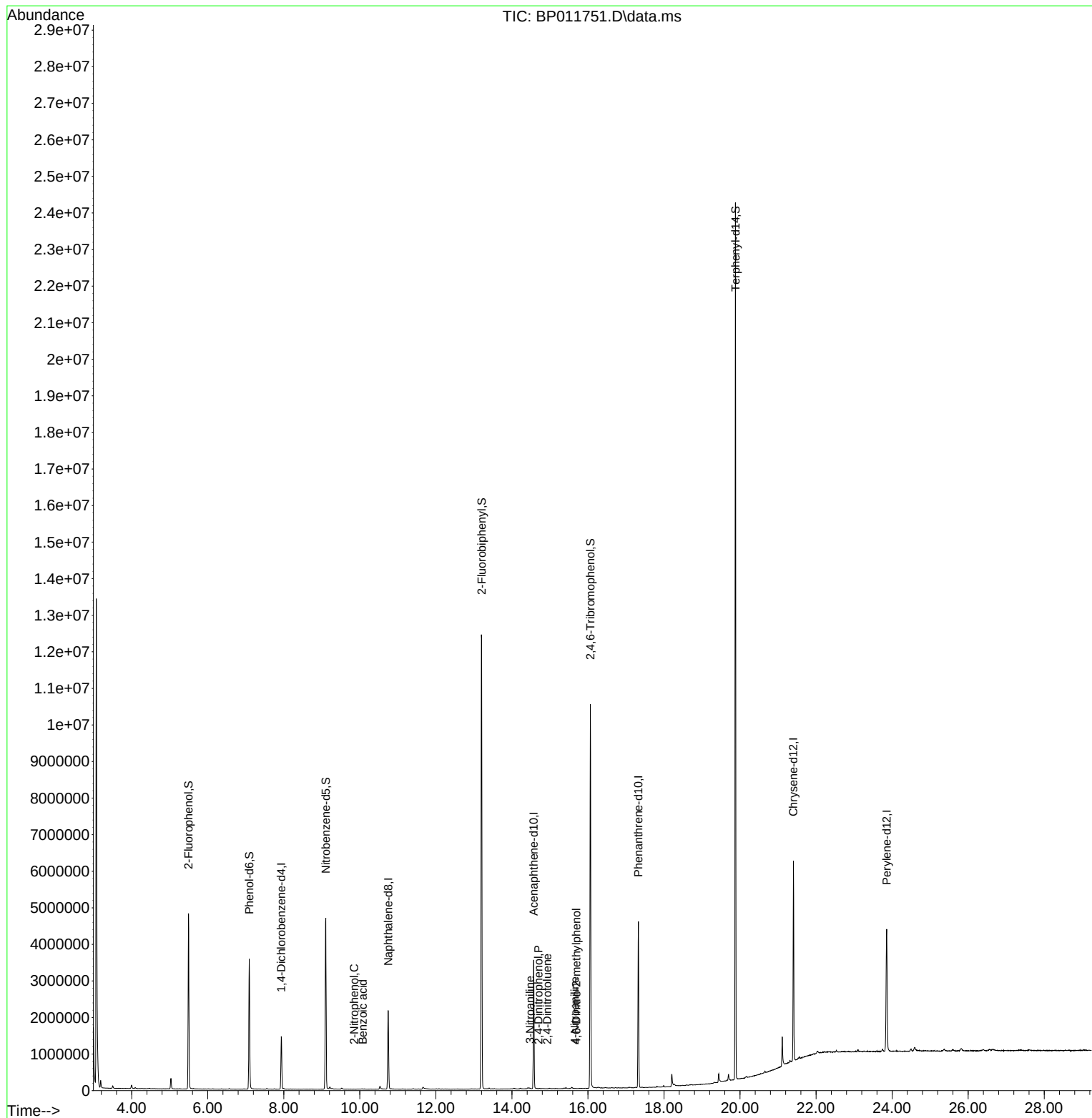
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	405357	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1820496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1211469	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2547335	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2397758	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2323774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2204054	98.970	ng	0.00
7) Phenol-d6	7.093	99	2144907	72.253	ng	0.00
23) Nitrobenzene-d5	9.104	82	2753206	89.692	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1639000	173.152	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6621463	84.960	ng	0.00
79) Terphenyl-d14	19.880	244	10524889	95.453	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.851	139	45	3.569	ng	# 1
32) Benzoic acid	10.075	122	126	6.641	ng	# 29
53) 3-Nitroaniline	14.481	138	14	2.386	ng	# 1
54) 2,4-Dinitrophenol	14.698	184	41	6.584	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	141	2.994	ng	# 51
62) 4-Nitroaniline	15.657	138	113	2.733	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.698	198	18	5.854	ng	# 1

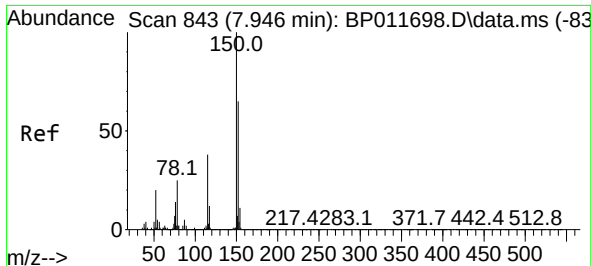
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

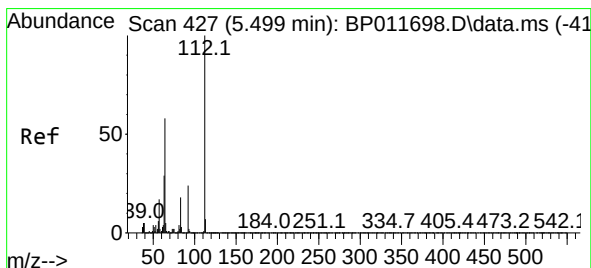
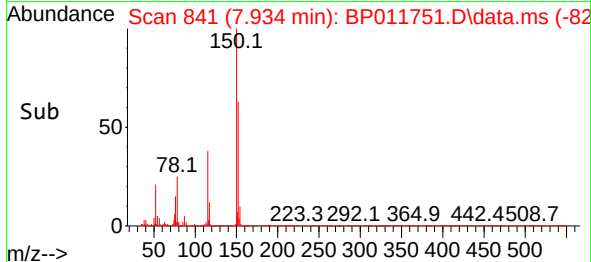
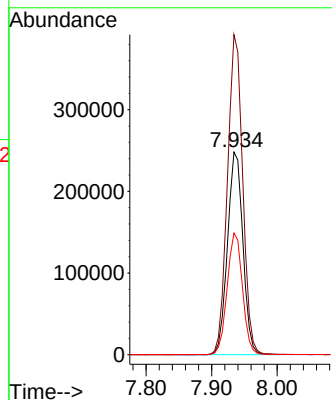
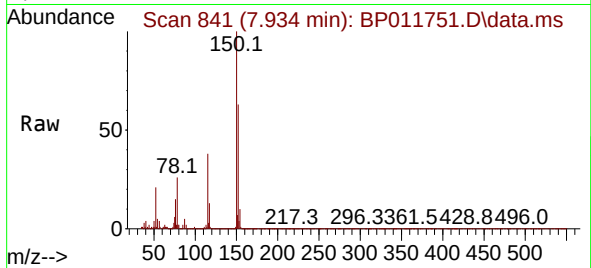




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. -0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

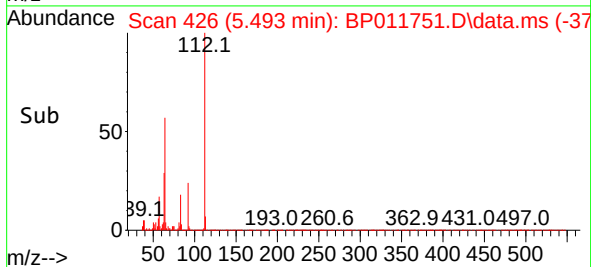
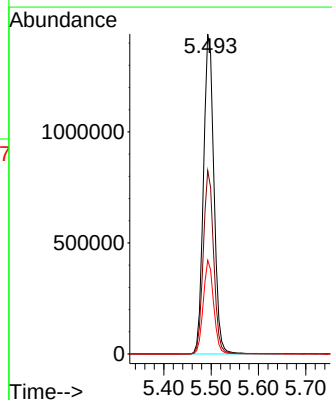
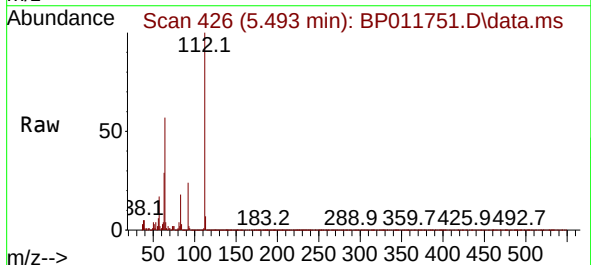
Instrument :
BNA_P
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5869-1

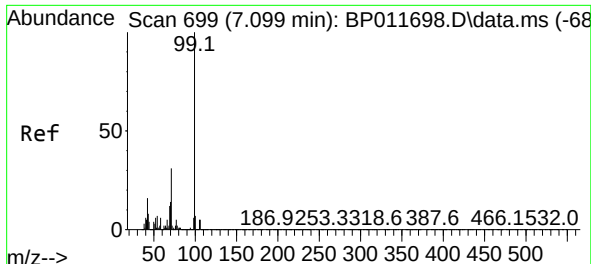
Tgt Ion:152 Resp: 405357
Ion Ratio Lower Upper
152 100
150 158.0 123.4 185.2
115 60.0 51.3 76.9



#5
2-Fluorophenol
Concen: 98.970 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:112 Resp: 2204054
Ion Ratio Lower Upper
112 100
64 57.3 56.9 85.3
63 29.2 31.2 46.8#

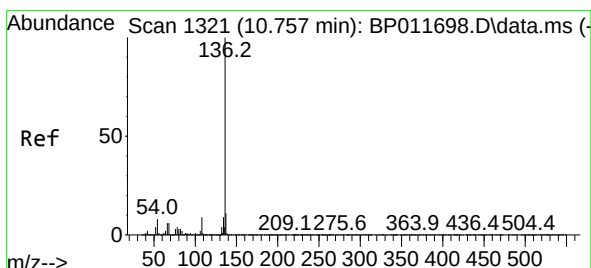
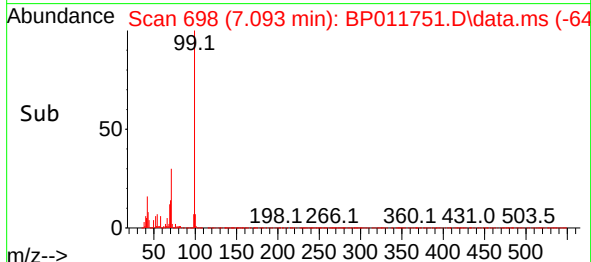
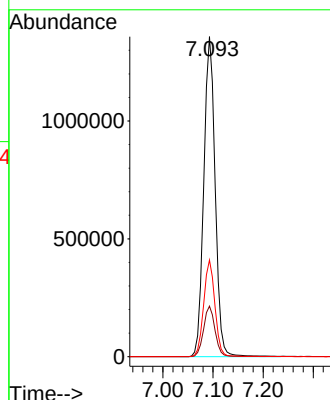
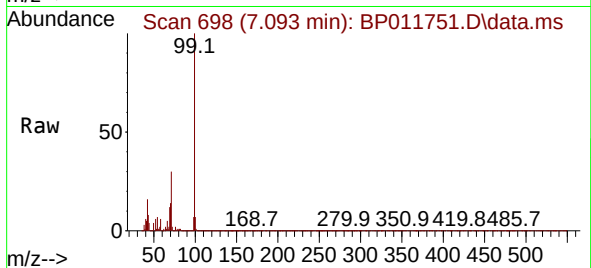




#7
Phenol-d6
Concen: 72.253 ng
RT: 7.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

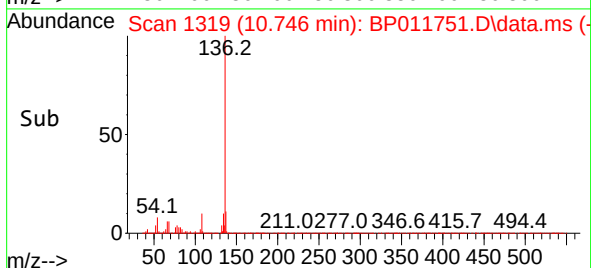
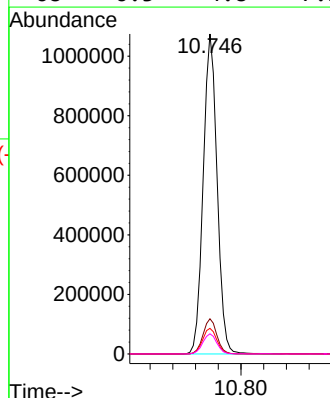
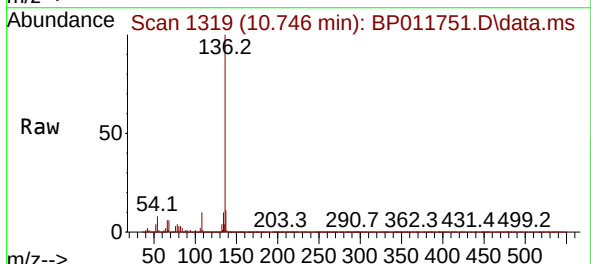
Instrument :
BNA_P
ClientSampleId :
5869-1

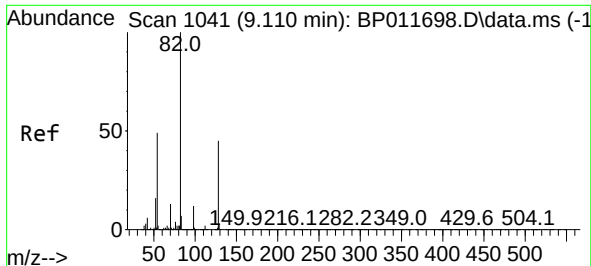
Tgt Ion: 99 Resp: 2144907
Ion Ratio Lower Upper
99 100
42 15.8 20.3 30.5#
71 30.2 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:136 Resp: 1820496
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 8.7 13.1#
68 6.3 4.8 7.2

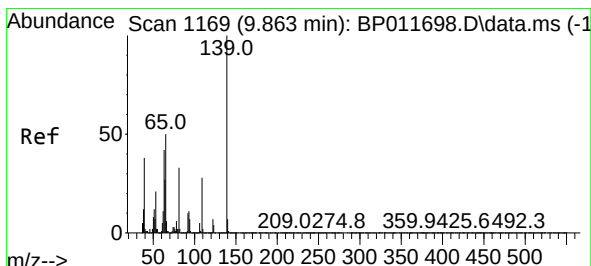
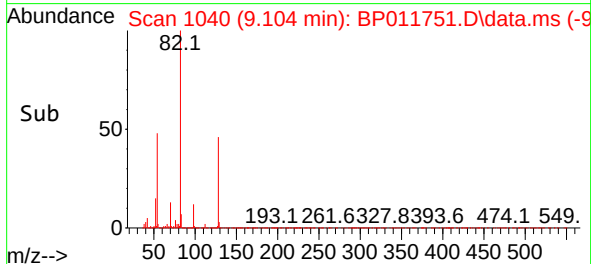
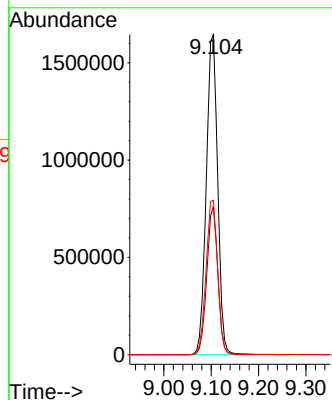
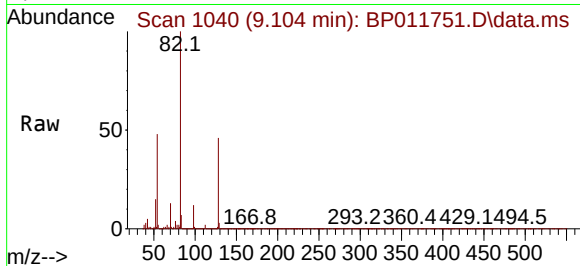




#23
Nitrobenzene-d5
Concen: 89.692 ng
RT: 9.104 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

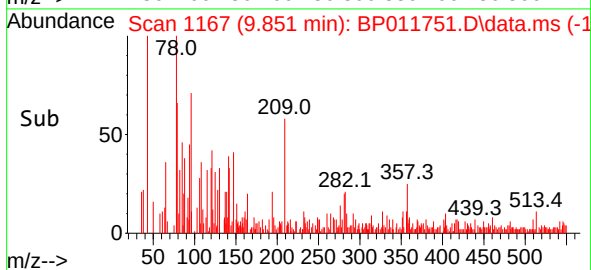
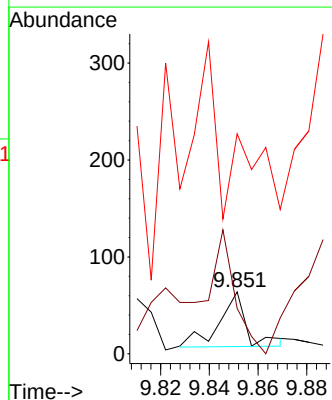
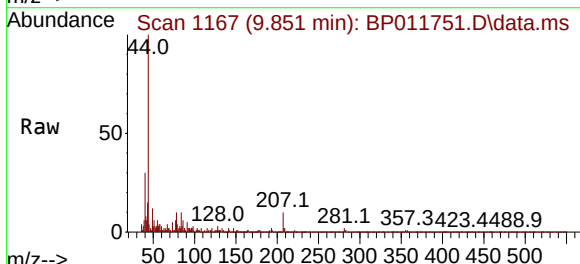
Instrument :
BNA_P
ClientSampleId :
5869-1

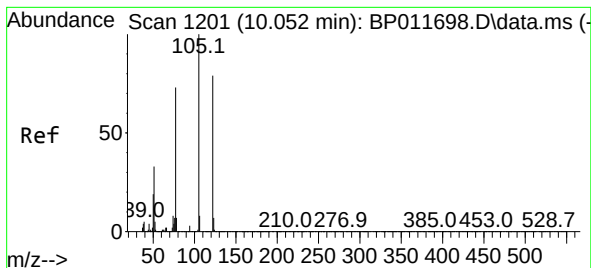
Tgt Ion: 82 Resp: 2753206
Ion Ratio Lower Upper
82 100
128 46.2 31.3 46.9
54 48.3 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.569 ng
RT: 9.851 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:139 Resp: 45
Ion Ratio Lower Upper
139 100
109 73.4 30.2 45.4#
65 354.7 52.2 78.2#





#32

Benzoic acid

Concen: 6.641 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.041 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

Instrument :

BNA_P

ClientSampleId :

5869-1

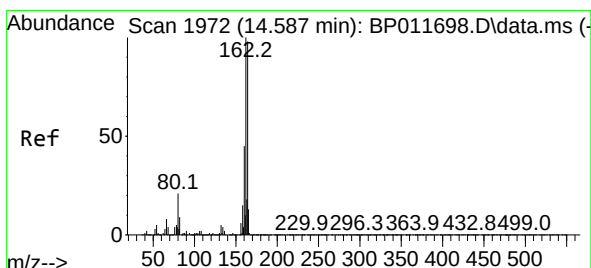
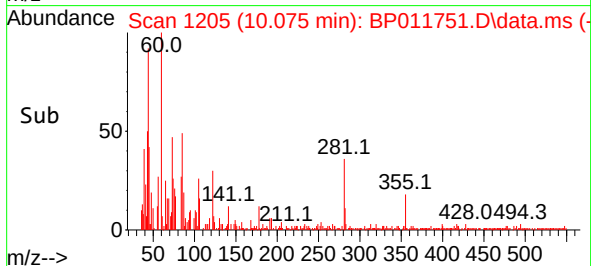
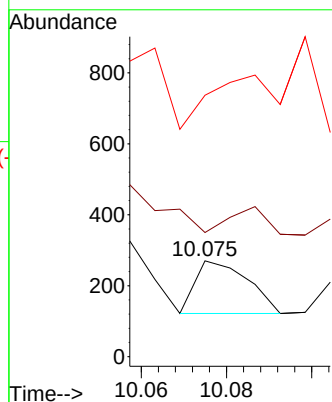
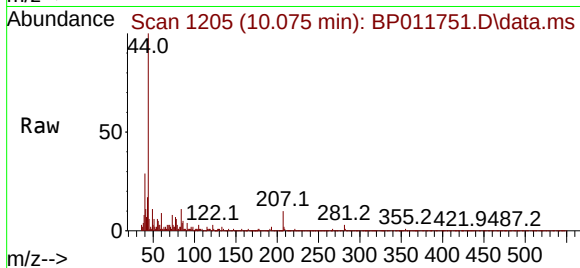
Tgt Ion:122 Resp: 126

Ion Ratio Lower Upper

122 100

105 129.6 112.6 152.6

77 273.0 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: BP011751.D

Acq: 20 Sep 2022 00:28

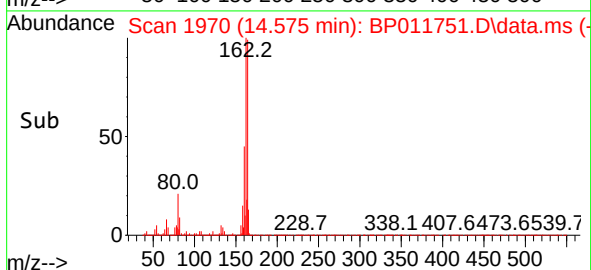
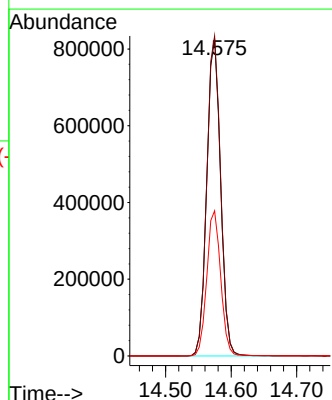
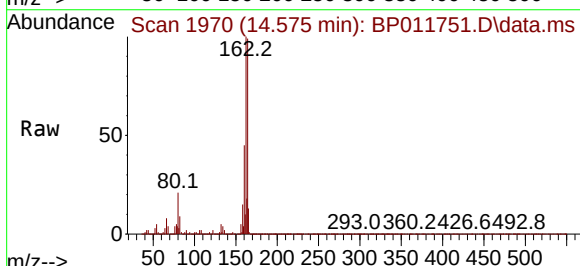
Tgt Ion:164 Resp: 1211469

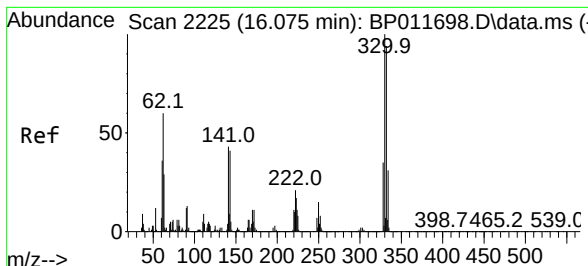
Ion Ratio Lower Upper

164 100

162 100.8 81.9 122.9

160 45.7 34.6 51.8

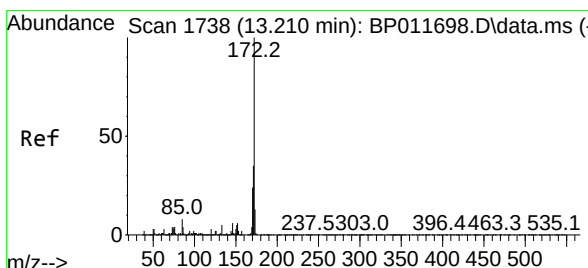
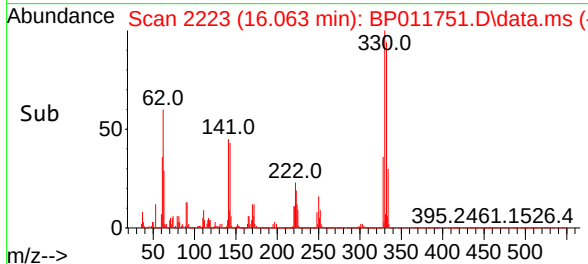
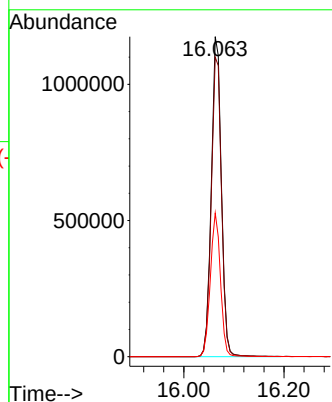
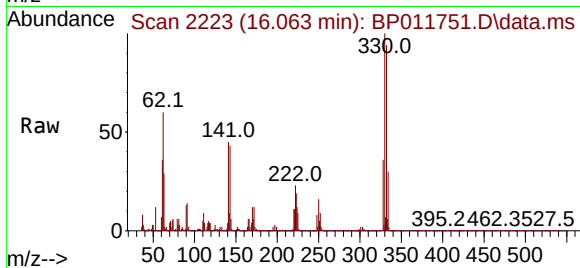




#42
2,4,6-Tribromophenol
Concen: 173.152 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

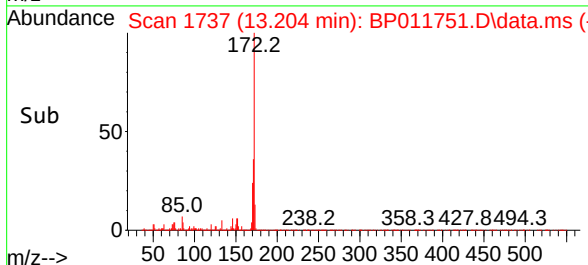
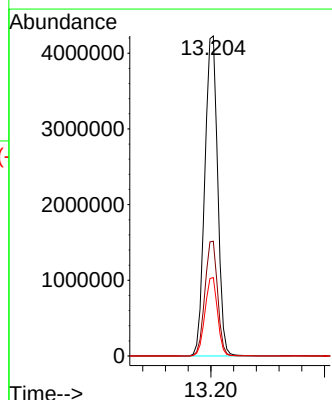
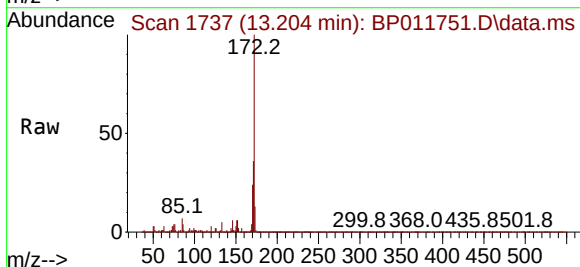
Instrument :
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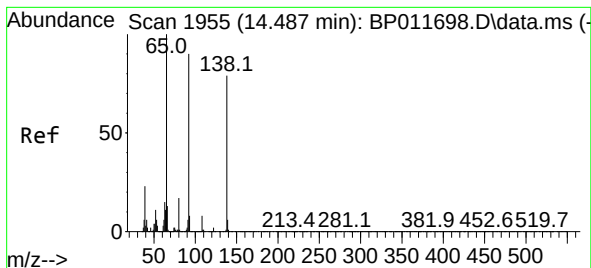
Tgt Ion: 330 Resp: 1639000
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 45.3 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 84.960 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion: 172 Resp: 6621463
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.5 18.2 27.2

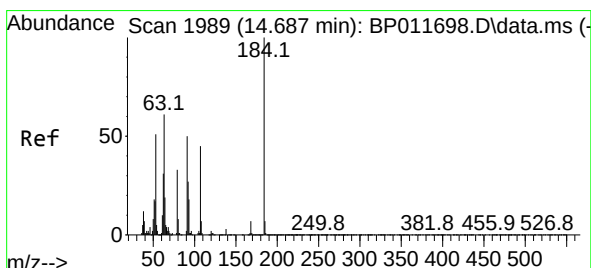
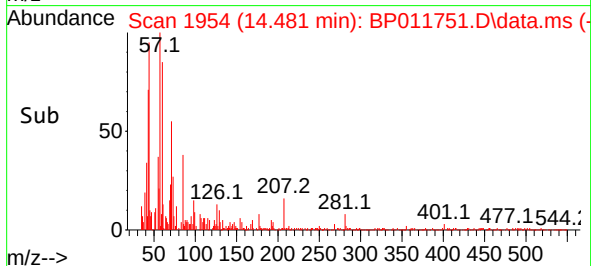
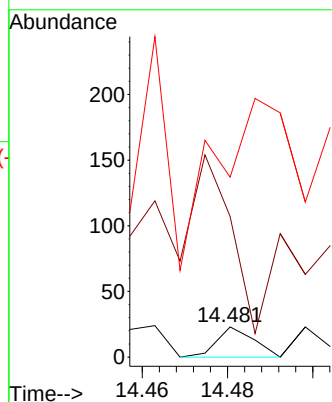
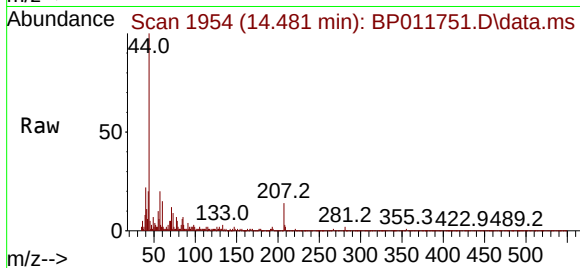




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

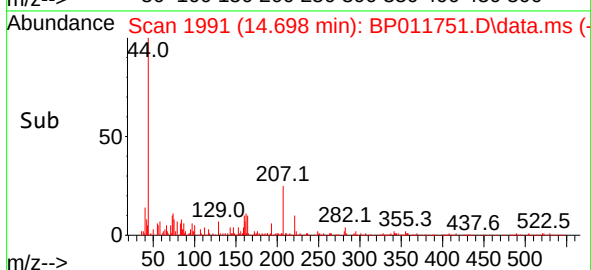
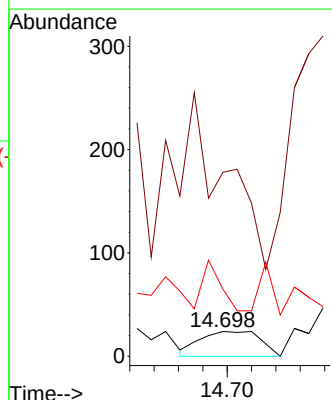
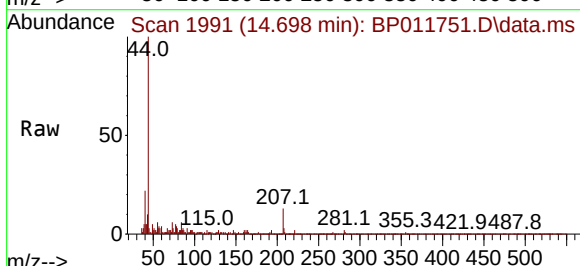
Instrument :
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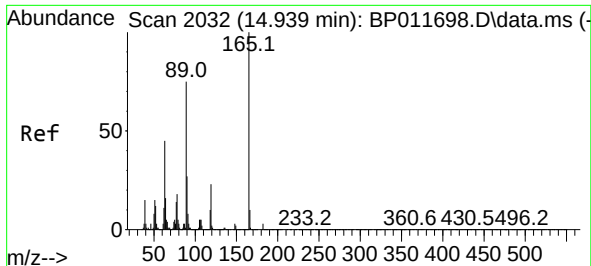
Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 465.2 9.5 14.3#
92 595.7 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.584 ng
RT: 14.698 min Scan# 1991
Delta R.T. 0.018 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 741.7 65.4 98.2#
154 270.8 55.4 83.2#

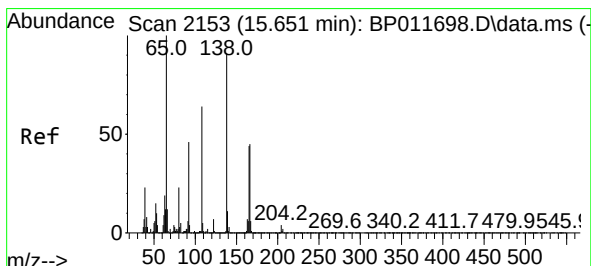
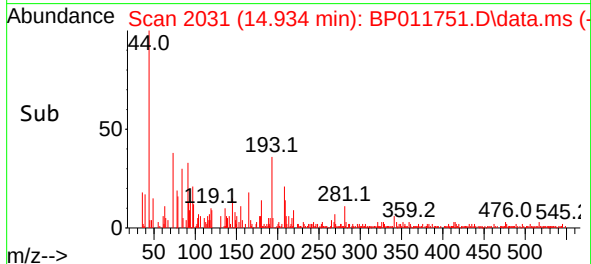
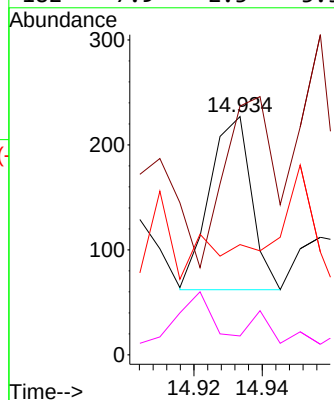
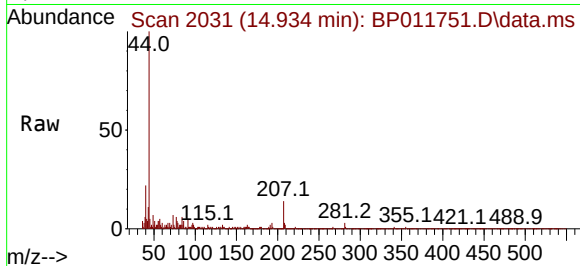




#57
2,4-Dinitrotoluene
Concen: 2.994 ng
RT: 14.934 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

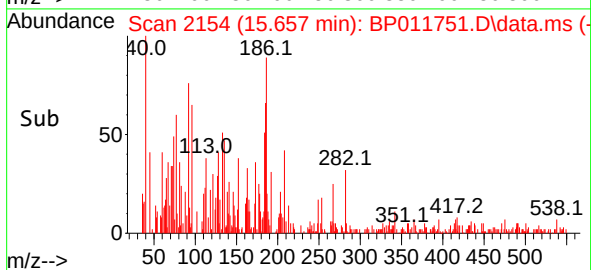
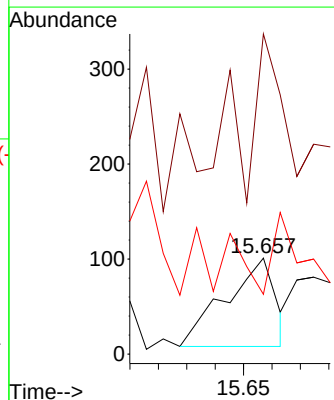
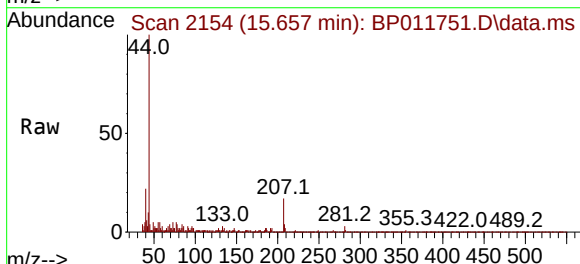
Instrument :
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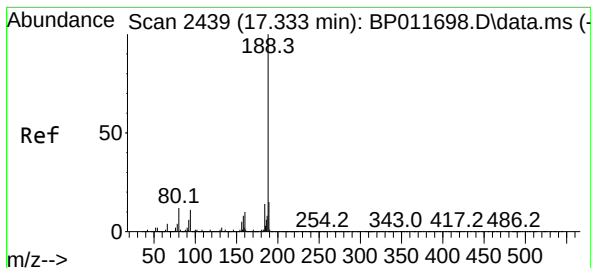
Tgt Ion:	165	Resp:	141
Ion	Ratio	Lower	Upper
165	100		
63	104.4	46.2	69.2#
89	46.3	65.8	98.8#
182	7.9	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.733 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.018 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:	138	Resp:	113
Ion	Ratio	Lower	Upper
138	100		
92	333.7	38.0	78.0#
108	62.4	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: BP011751.D

Acq: 20 Sep 2022 00:28

Instrument :

BNA_P

ClientSampleId :

5869-1

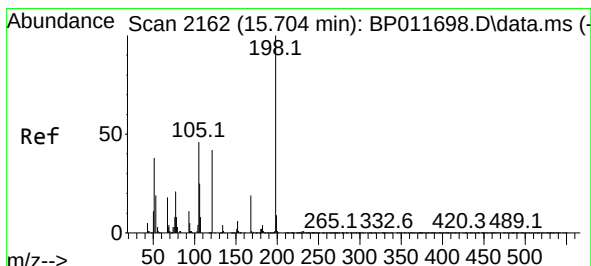
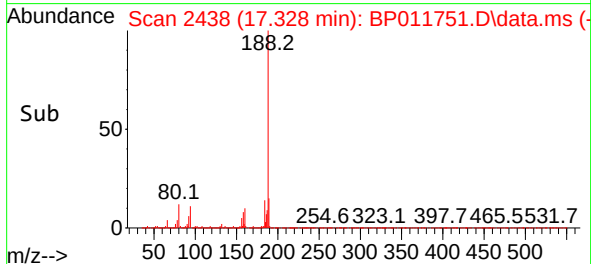
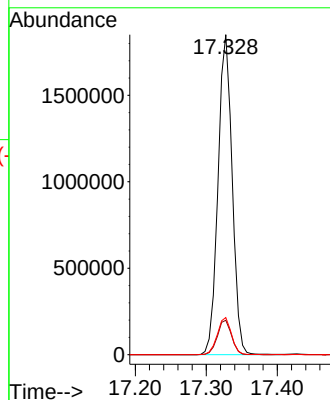
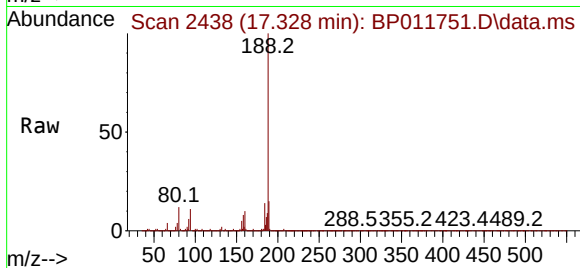
Tgt Ion:188 Resp: 2547335

Ion Ratio Lower Upper

188 100

94 10.8 6.6 10.0#

80 11.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.698 min Scan# 2161

Delta R.T. 0.000 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

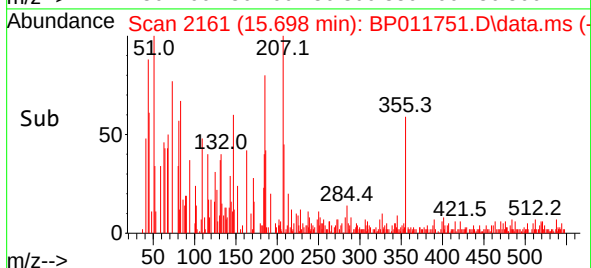
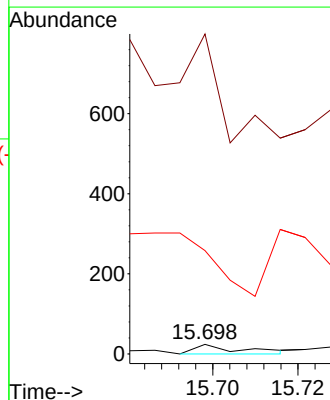
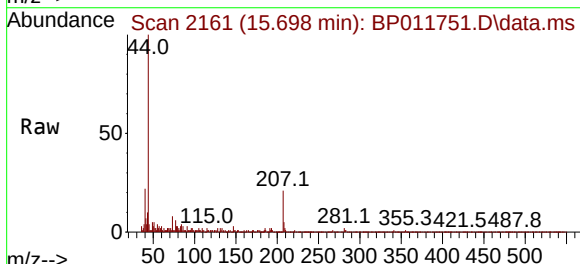
Tgt Ion:198 Resp: 18

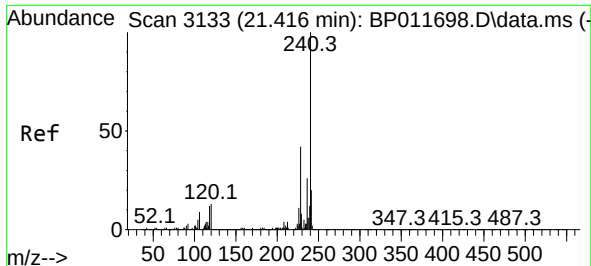
Ion Ratio Lower Upper

198 100

51 3329.2 41.2 81.2#

105 1075.0 25.3 65.3#

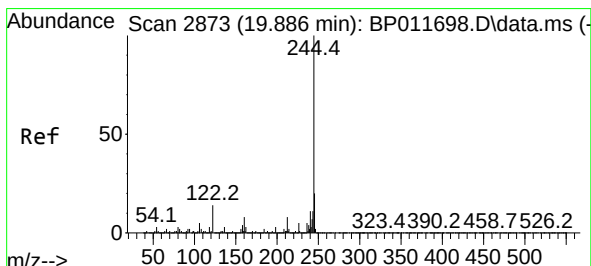
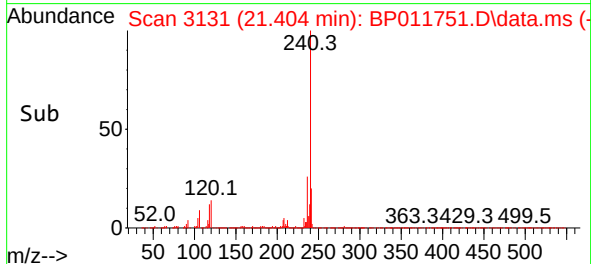
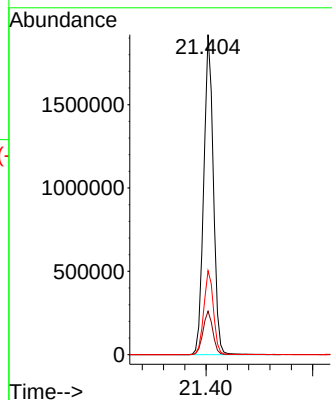
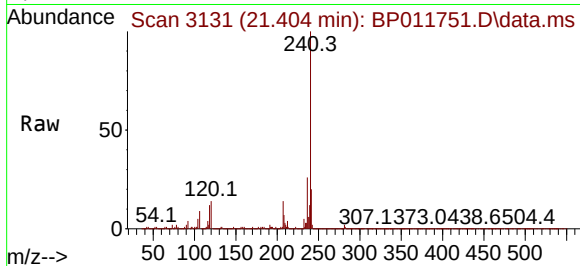




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

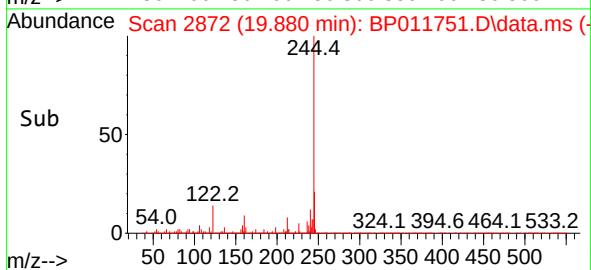
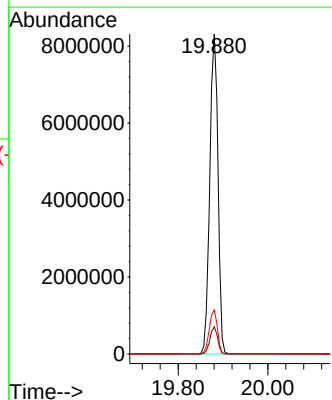
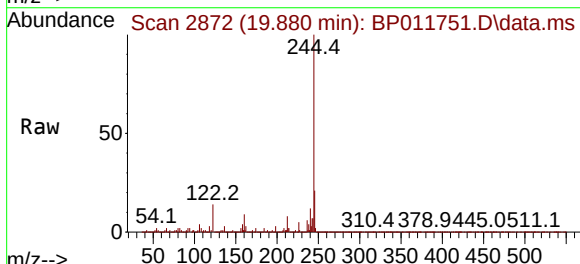
Instrument :
BNA_P
ClientSampleId :
5869-1

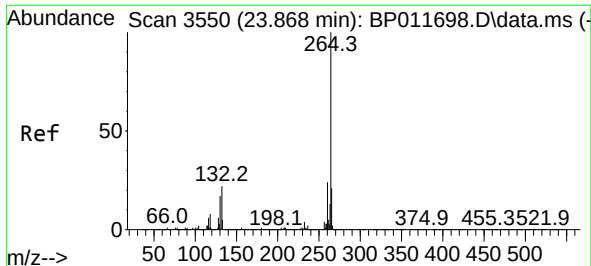
Tgt Ion:240 Resp: 2397758
Ion Ratio Lower Upper
240 100
120 13.6 8.6 12.8#
236 26.2 19.8 29.6



#79
Terphenyl-d14
Concen: 95.453 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:244 Resp:10524889
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 13.7 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: BP011751.D
Acq: 20 Sep 2022 00:28

Instrument :
BNA_P
ClientSampleId :
5869-1

Tgt Ion:264 Resp: 2323774

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	22.2	18.0	27.0

