

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011752.D
 Acq On : 20 Sep 2022 01:03
 Operator : CG/JU
 Sample : N4675-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 006-1

Quant Time: Sep 20 04:53:49 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)

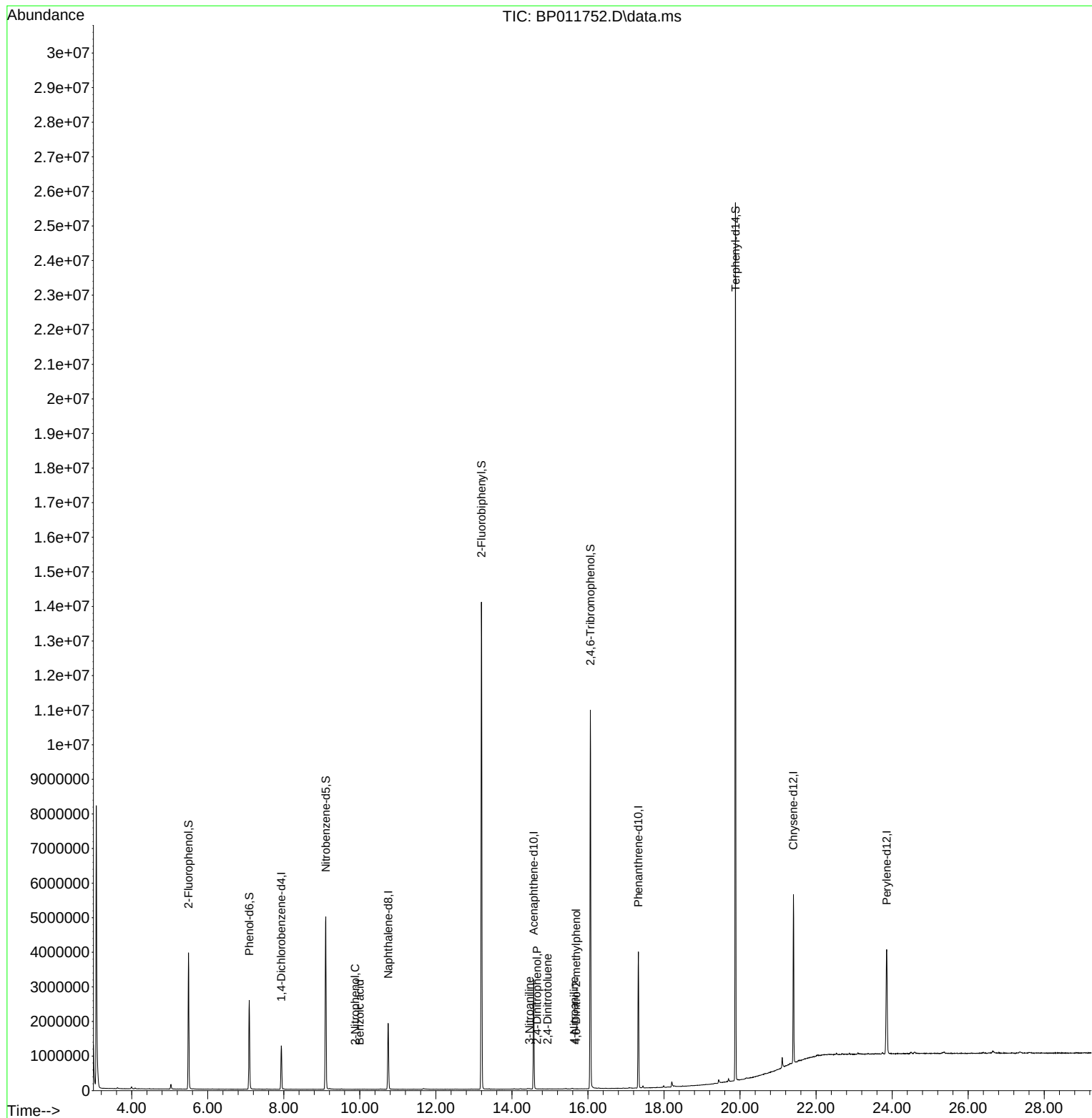
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	357952	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1615809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1068533	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	2284582	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2174631	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2165834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1813375	92.211	ng	0.00
7) Phenol-d6	7.093	99	1555522	59.339	ng	0.00
23) Nitrobenzene-d5	9.104	82	2959273	108.618	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1701284	203.775	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	7074557	102.916	ng	0.00
79) Terphenyl-d14	19.880	244	10872460	108.722	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	38	3.569	ng	# 1
32) Benzoic acid	9.998	122	349	6.653	ng	# 32
53) 3-Nitroaniline	14.457	138	48	2.388	ng	# 43
54) 2,4-Dinitrophenol	14.663	184	23	6.583	ng	# 1
57) 2,4-Dinitrotoluene	14.939	165	208	2.997	ng	# 66
62) 4-Nitroaniline	15.639	138	140	2.735	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	15	5.854	ng	# 1

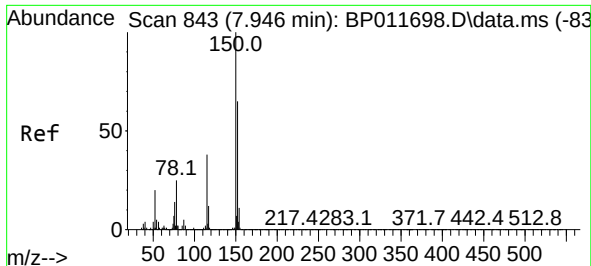
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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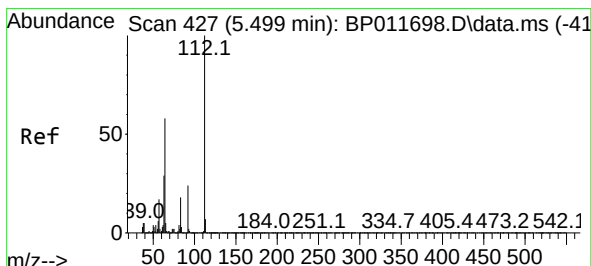
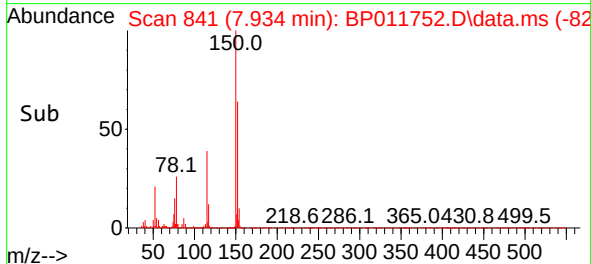
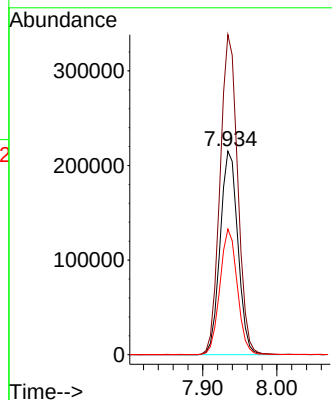
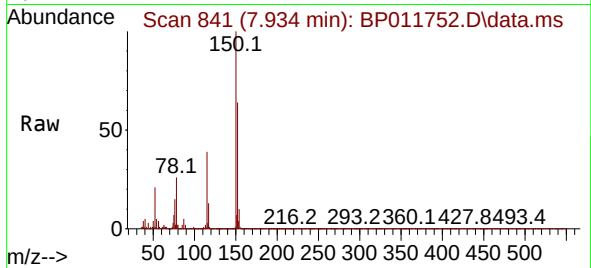




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

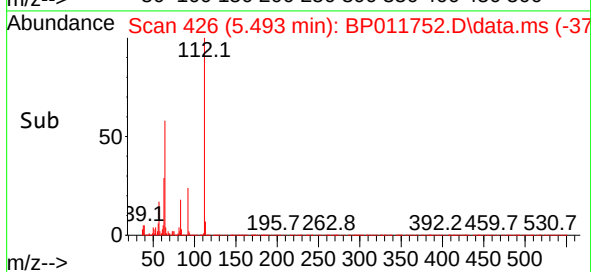
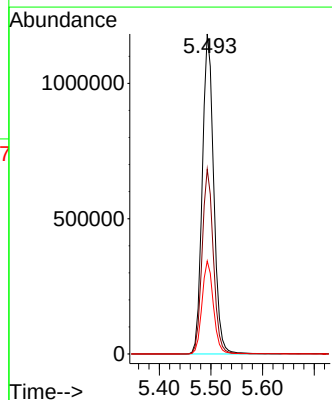
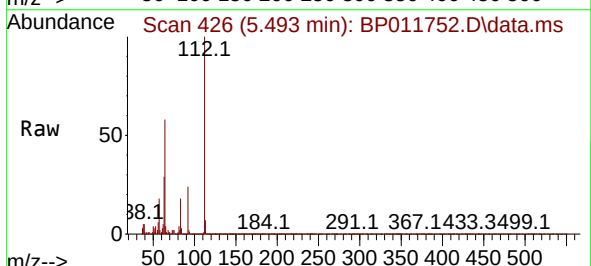
Instrument :
BNA_P
ClientSampleId :
006-1

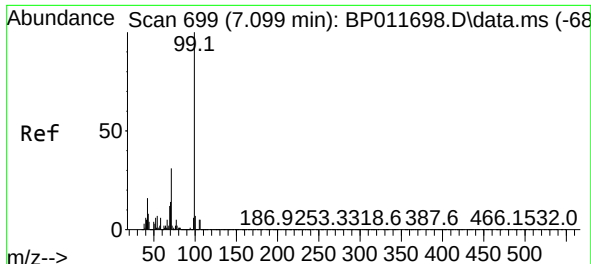
Tgt Ion:152 Resp: 357952
Ion Ratio Lower Upper
152 100
150 157.3 123.4 185.2
115 61.7 51.3 76.9



#5
2-Fluorophenol
Concen: 92.211 ng
RT: 5.493 min Scan# 426
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:112 Resp: 1813375
Ion Ratio Lower Upper
112 100
64 57.8 56.9 85.3
63 29.1 31.2 46.8#

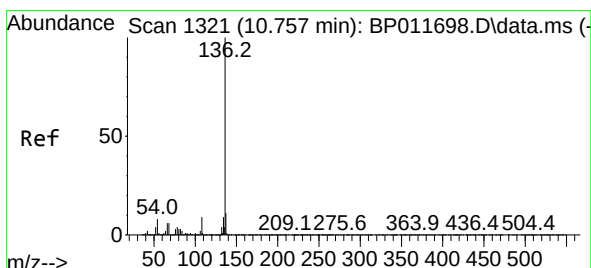
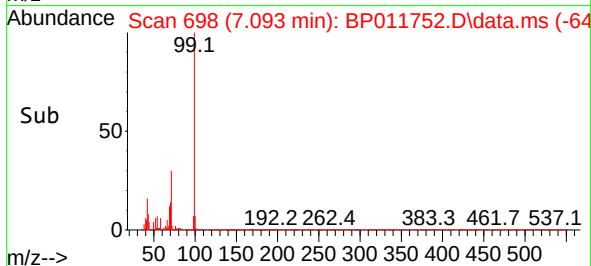
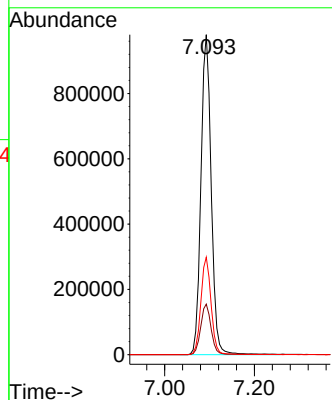
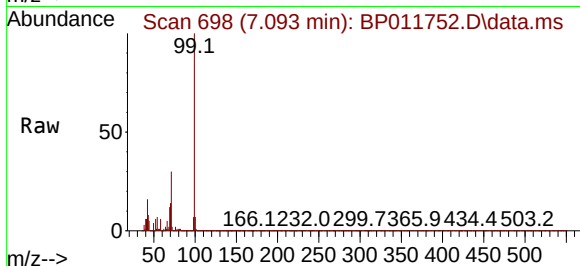




#7
Phenol-d6
Concen: 59.339 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

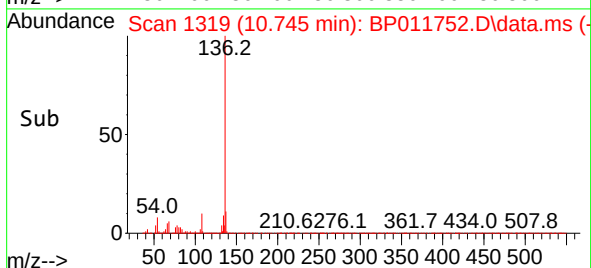
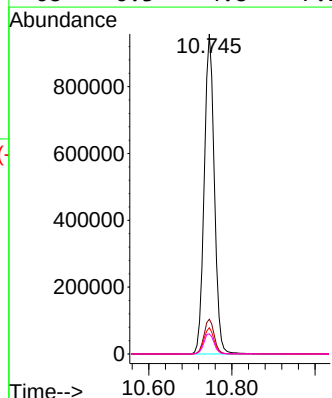
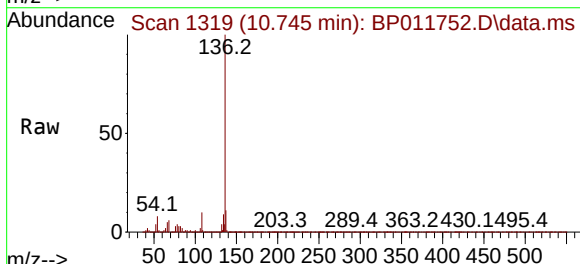
Instrument :
BNA_P
ClientSampleId :
006-1

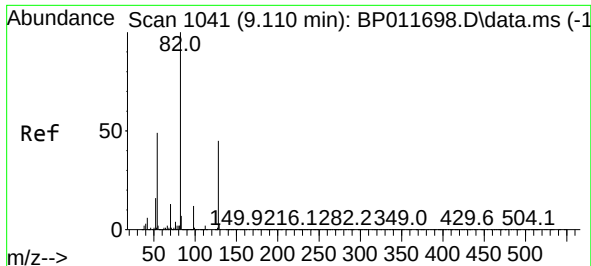
Tgt Ion: 99 Resp: 1555522
Ion Ratio Lower Upper
99 100
42 15.8 20.3 30.5#
71 30.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion: 136 Resp: 1615809
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 8.7 13.1#
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 108.618 ng

RT: 9.104 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BP011752.D

Acq: 20 Sep 2022 01:03

Instrument :

BNA_P

ClientSampleId :

006-1

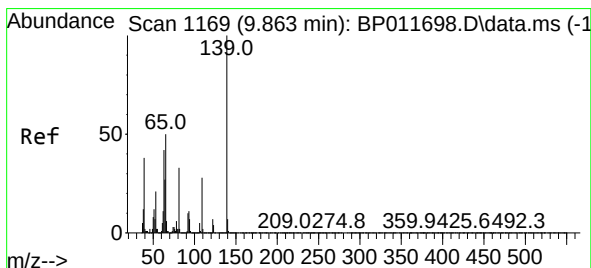
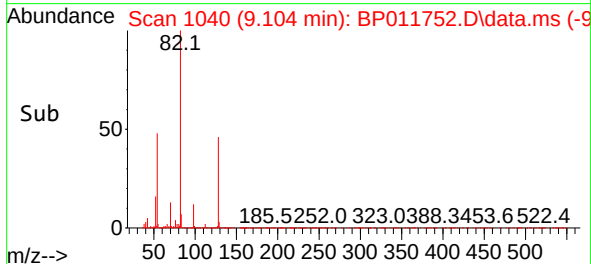
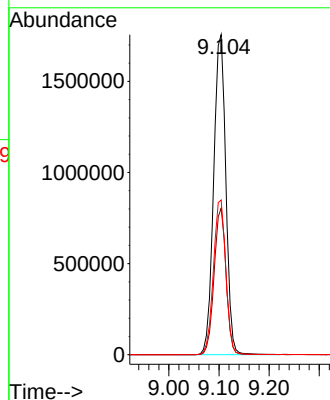
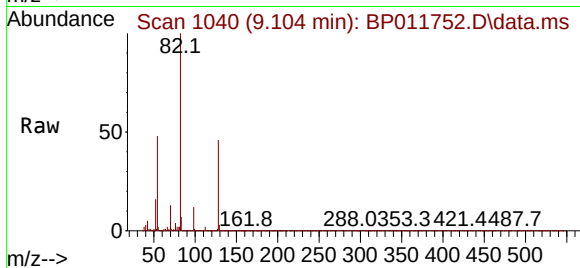
Tgt Ion: 82 Resp: 2959273

Ion Ratio Lower Upper

82 100

128 45.8 31.3 46.9

54 48.4 49.8 74.8#



#26

2-Nitrophenol

Concen: 3.569 ng

RT: 9.881 min Scan# 1172

Delta R.T. 0.024 min

Lab File: BP011752.D

Acq: 20 Sep 2022 01:03

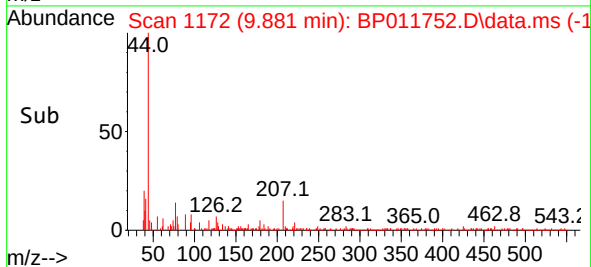
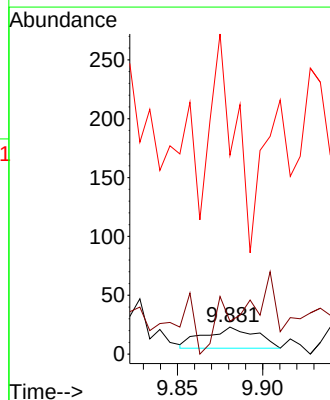
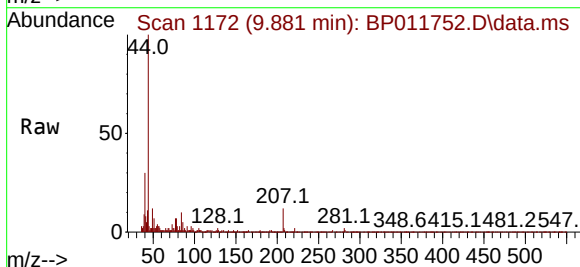
Tgt Ion:139 Resp: 38

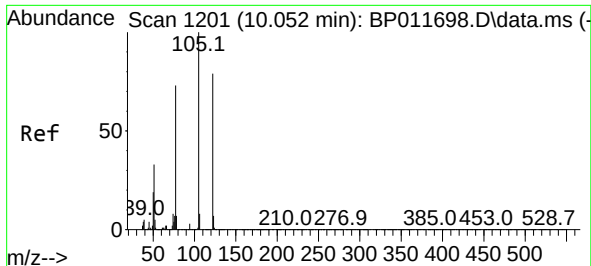
Ion Ratio Lower Upper

139 100

109 121.7 30.2 45.4#

65 734.8 52.2 78.2#

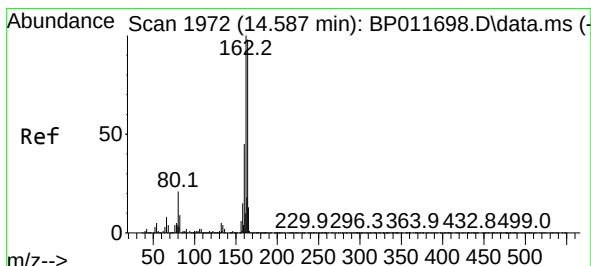
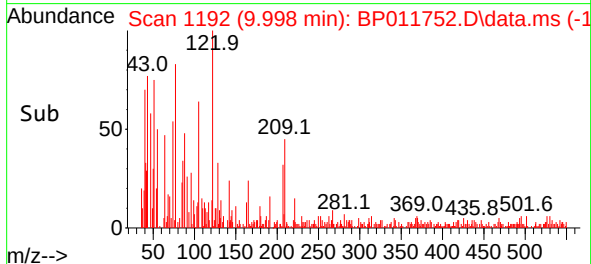
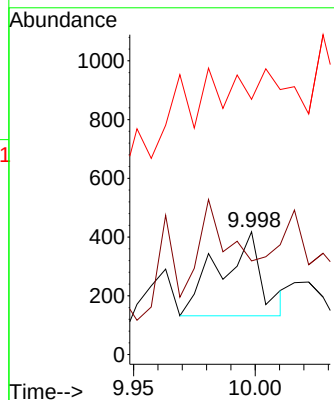
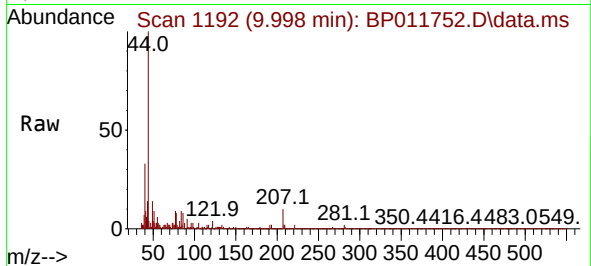




#32
Benzoic acid
Concen: 6.653 ng
RT: 9.998 min Scan# 1192
Delta R.T. -0.035 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

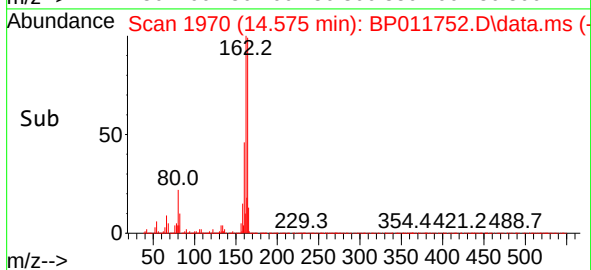
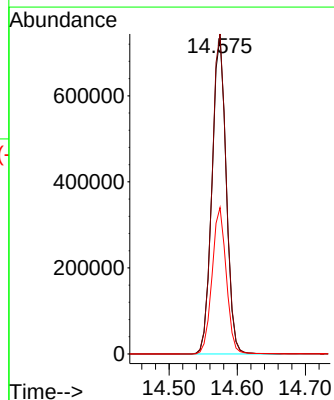
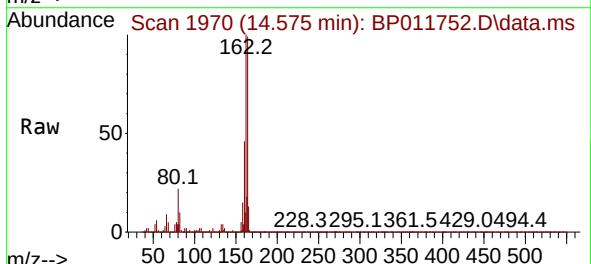
Instrument :
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006-1

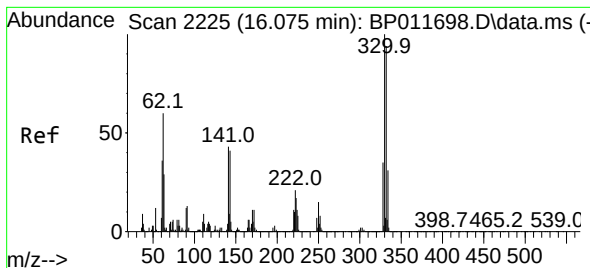
Tgt Ion:122 Resp: 349
Ion Ratio Lower Upper
122 100
105 76.3 112.6 152.6#
77 207.9 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:164 Resp: 1068533
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 46.1 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 203.775 ng

RT: 16.063 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011752.D

Acq: 20 Sep 2022 01:03

Instrument :

BNA_P

ClientSampleId :

006-1

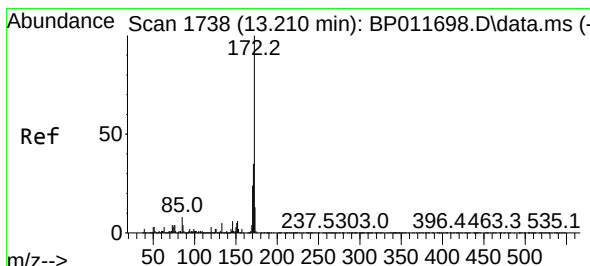
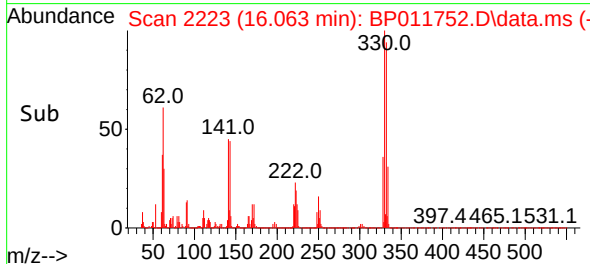
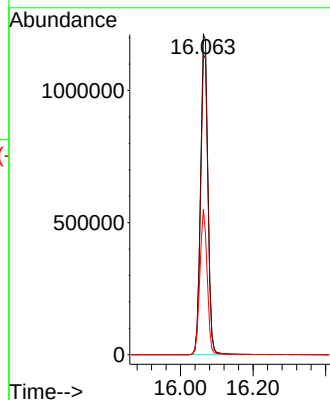
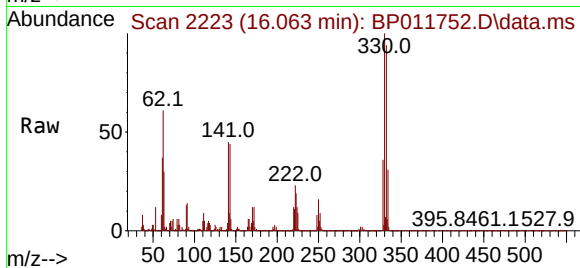
Tgt Ion:330 Resp: 1701284

Ion Ratio Lower Upper

330 100

332 94.6 78.1 117.1

141 45.3 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 102.916 ng

RT: 13.198 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BP011752.D

Acq: 20 Sep 2022 01:03

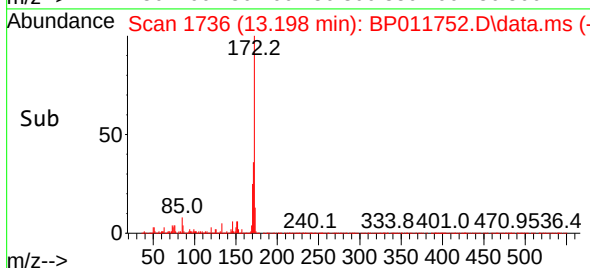
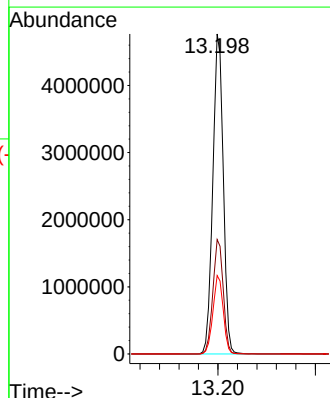
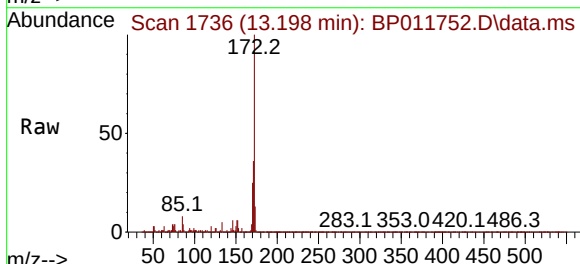
Tgt Ion:172 Resp: 7074557

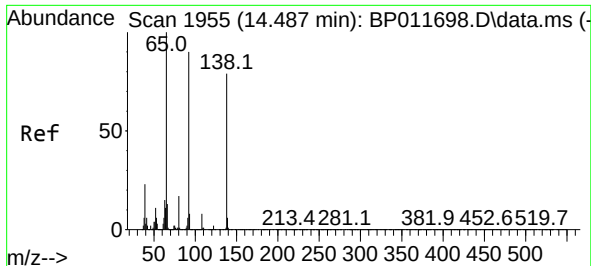
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 24.5 18.2 27.2

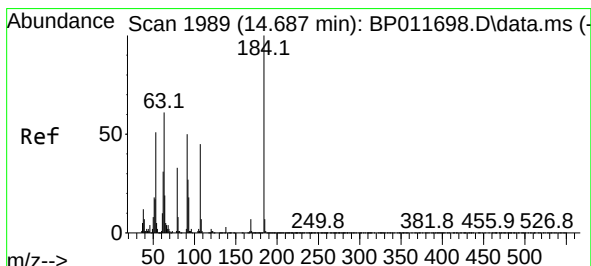
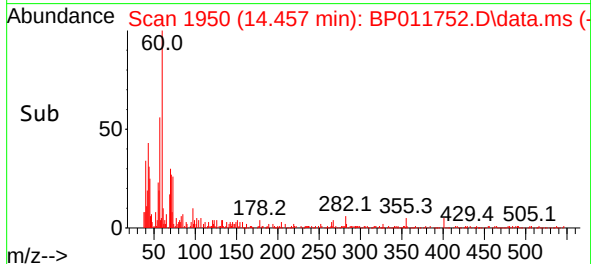
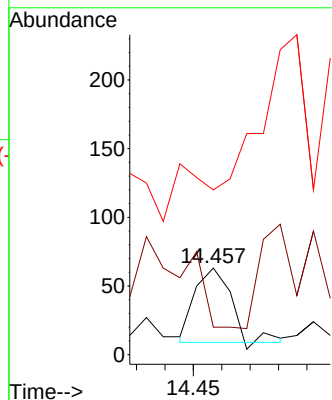
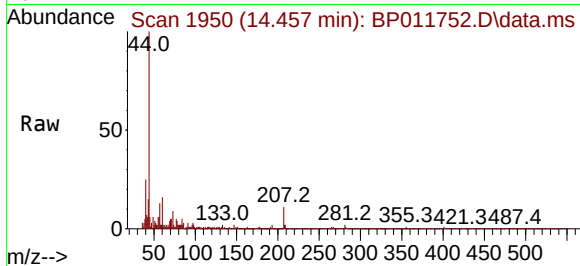




#53
3-Nitroaniline
Concen: 2.388 ng
RT: 14.457 min Scan# 1955
Delta R.T. -0.024 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

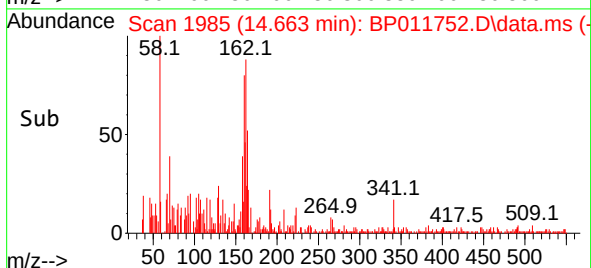
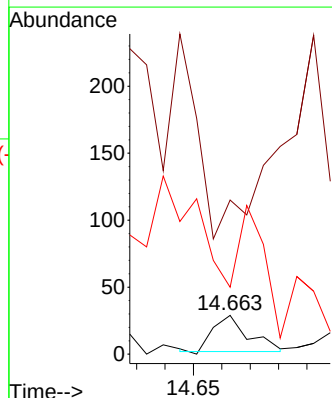
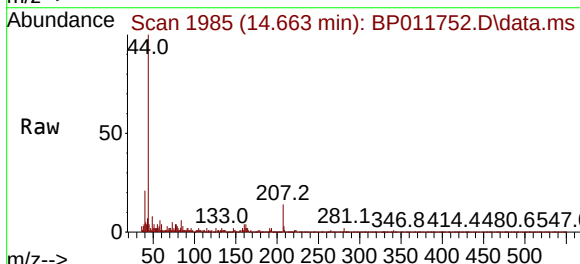
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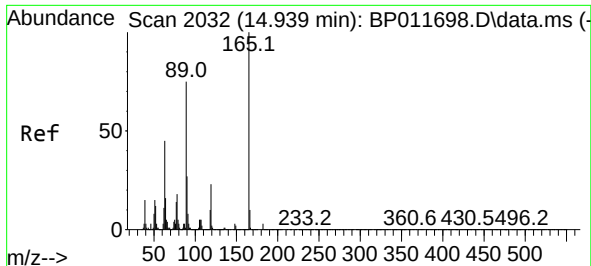
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
108 31.7 9.5 14.3#
92 190.5 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.583 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.018 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 396.6 65.4 98.2#
154 172.4 55.4 83.2#

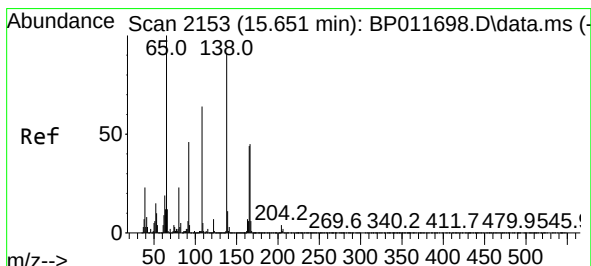
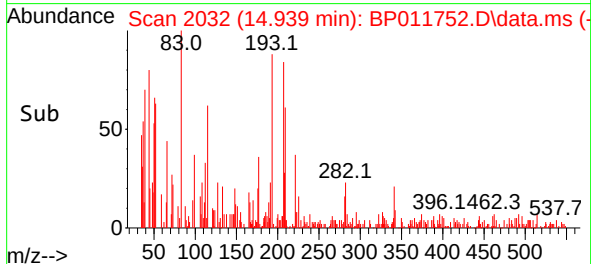
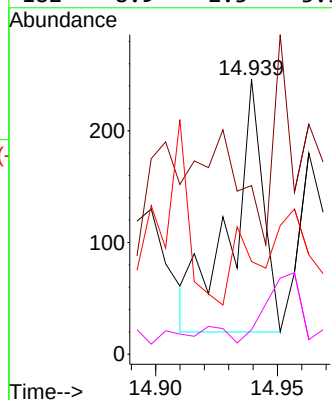
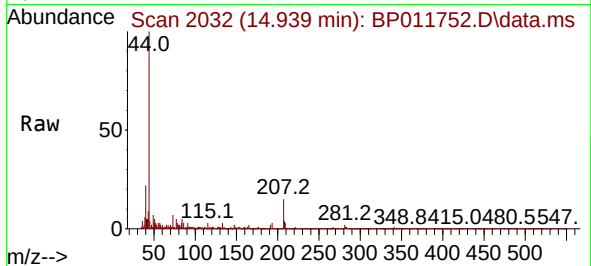




#57
2,4-Dinitrotoluene
Concen: 2.997 ng
RT: 14.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

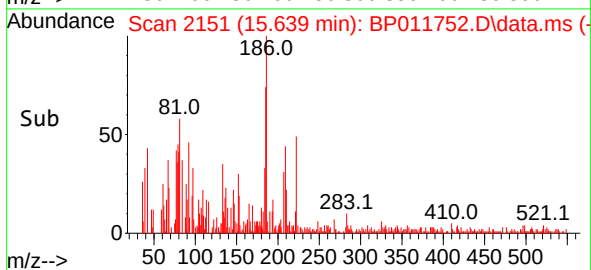
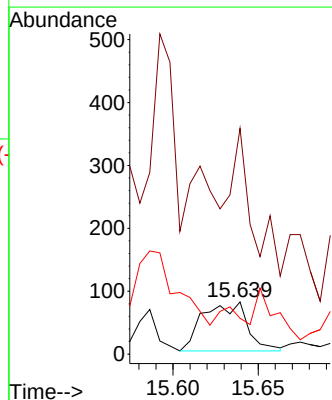
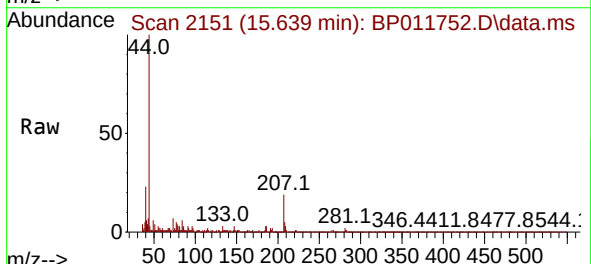
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BNA_P
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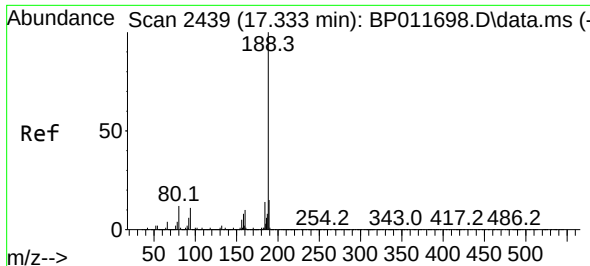
Tgt Ion:	165	Resp:	208
Ion	Ratio	Lower	Upper
165	100		
63	61.4	46.2	69.2
89	33.7	65.8	98.8#
182	8.9	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.735 ng
RT: 15.639 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:	138	Resp:	140
Ion	Ratio	Lower	Upper
138	100		
92	432.5	38.0	78.0#
108	68.7	77.6	117.6#

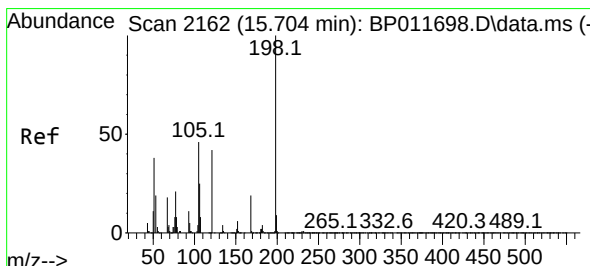
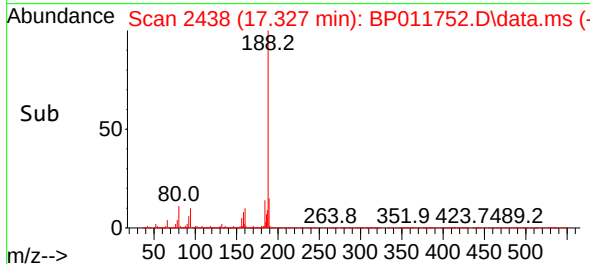
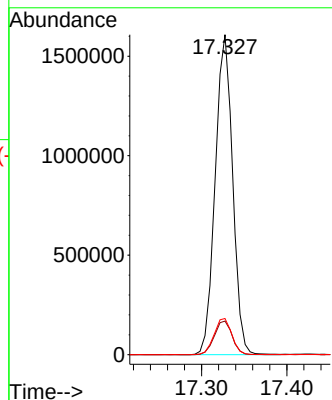
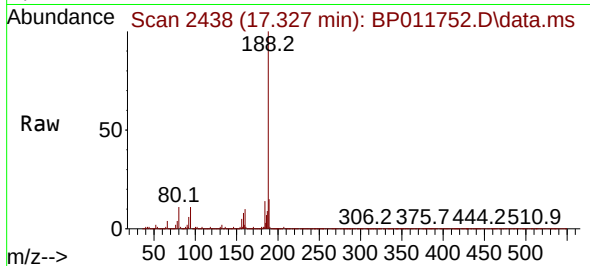




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

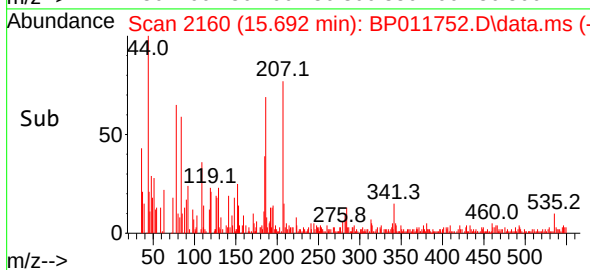
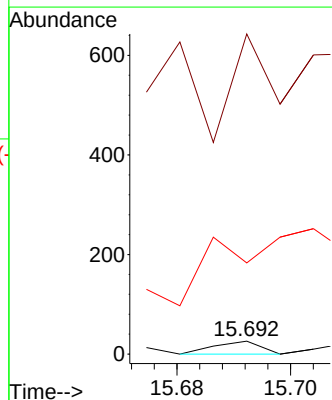
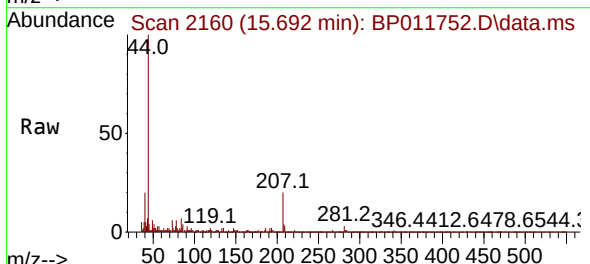
Instrument :
BNA_P
ClientSampleId :
006-1

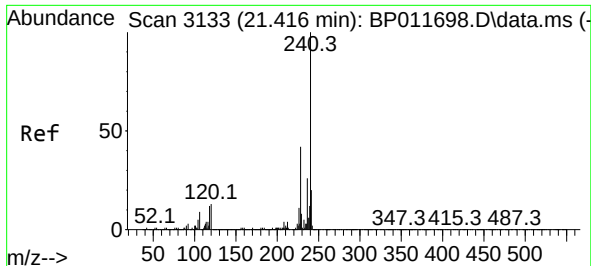
Tgt Ion:188 Resp: 2284582
Ion Ratio Lower Upper
188 100
94 10.5 6.6 10.0#
80 11.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.854 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 2473.1 41.2 81.2#
105 703.8 25.3 65.3#

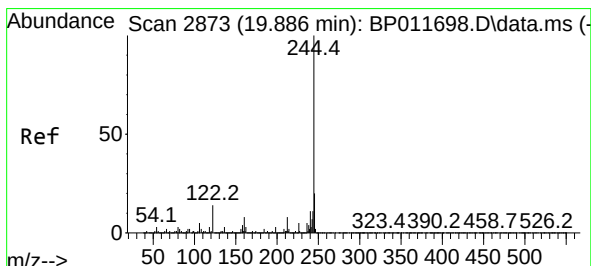
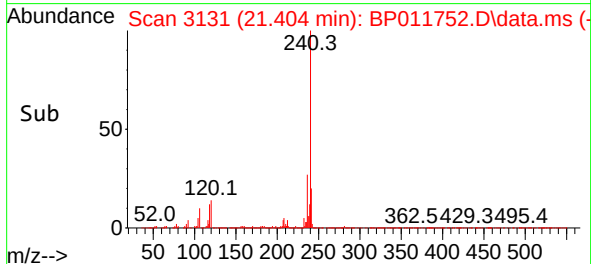
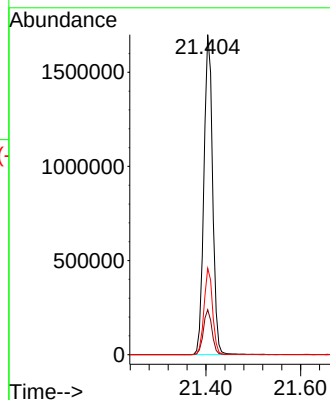
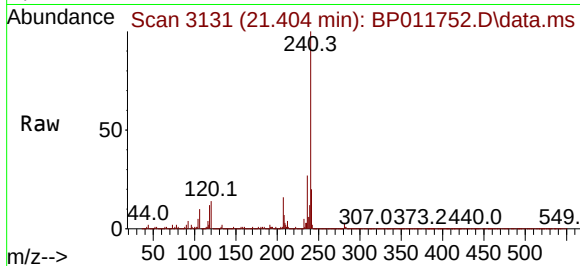




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

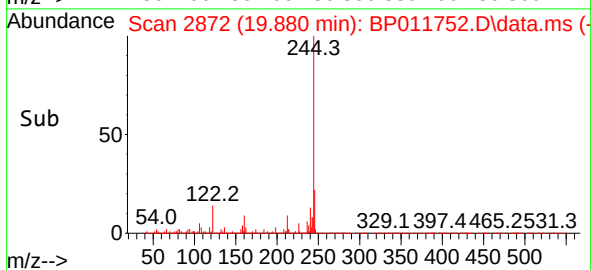
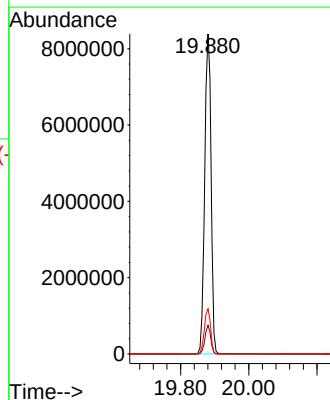
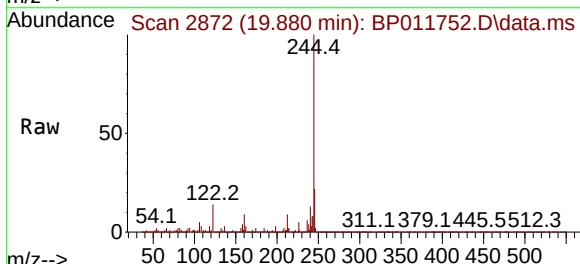
Instrument :
BNA_P
ClientSampleId :
006-1

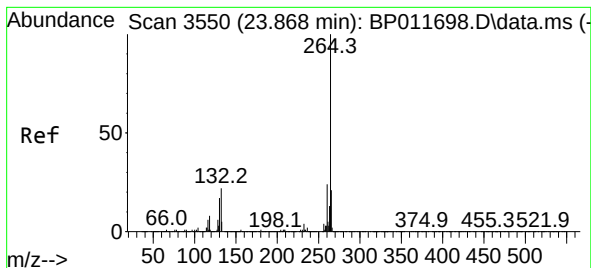
Tgt Ion:240 Resp: 2174631
Ion Ratio Lower Upper
240 100
120 14.0 8.6 12.8#
236 27.0 19.8 29.6



#79
Terphenyl-d14
Concen: 108.722 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011752.D
Acq: 20 Sep 2022 01:03

Tgt Ion:244 Resp:10872460
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 14.1 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: BP011752.D

Acq: 20 Sep 2022 01:03

Instrument :

BNA_P

ClientSampleId :

006-1

Tgt Ion:264 Resp: 2165834

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.2 18.0 27.0

