

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011755.D
 Acq On : 20 Sep 2022 02:47
 Operator : CG/JU
 Sample : N4630-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17-4-3

Quant Time: Sep 20 04:55:15 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)

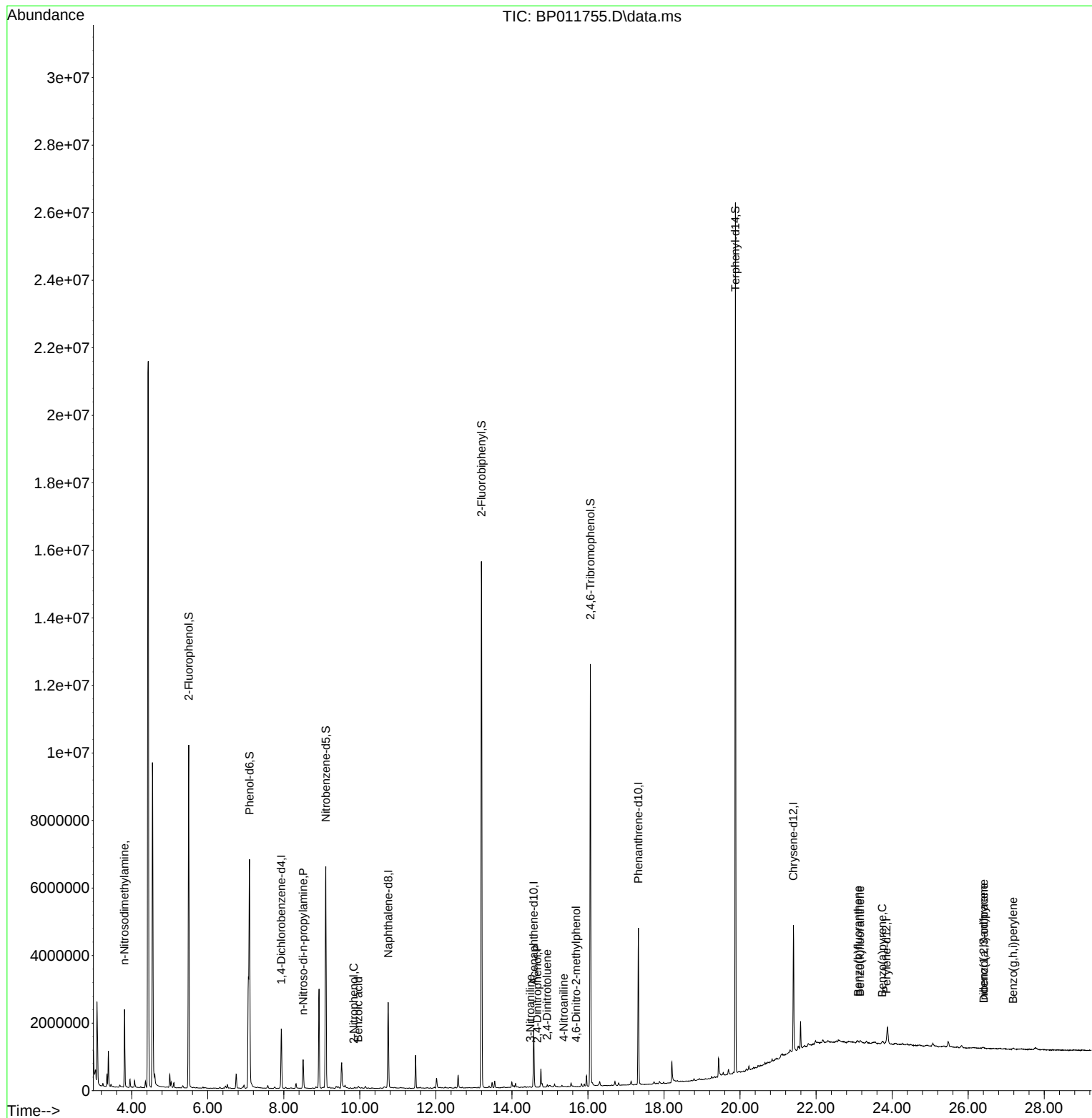
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	483352	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2116382	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	453905	20.000	ng	# 0.00
64) Phenanthrene-d10	17.328	188	2363972	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	1203589	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	16489	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4603248	173.349	ng	0.00
7) Phenol-d6	7.099	99	3314334	93.631	ng	0.00
23) Nitrobenzene-d5	9.104	82	3842881	107.689	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1968198	554.965	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	8251892	282.593	ng	0.00
79) Terphenyl-d14	19.880	244	10732210	193.904	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.811	42	47737	3.693	ng	# 1
19) n-Nitroso-di-n-propyla...	8.510	70	69898	3.050	ng	# 62
26) 2-Nitrophenol	9.840	139	73	3.570	ng	# 1
32) Benzoic acid	9.963	122	29971	7.800	ng	96
53) 3-Nitroaniline	14.486	138	322	2.423	ng	# 26
54) 2,4-Dinitrophenol	14.669	184	99	6.605	ng	# 18
57) 2,4-Dinitrotoluene	14.928	165	599	3.048	ng	# 27
62) 4-Nitroaniline	15.363	138	267	2.758	ng	86
65) 4,6-Dinitro-2-methylph...	15.692	198	80	5.859	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.409	276	20274	17.067	ng	# 94
88) Benzo(b)fluoranthene	23.104	252	12809	12.560	ng	# 1
89) Benzo(k)fluoranthene	23.157	252	3216	3.129	ng	# 1
90) Benzo(a)pyrene	23.739	252	28654	34.012	ng	# 52
91) Dibenzo(a,h)anthracene	26.409	278	7988	8.098	ng	# 25
92) Benzo(g,h,i)perylene	27.186	276	29612	30.792	ng	# 76

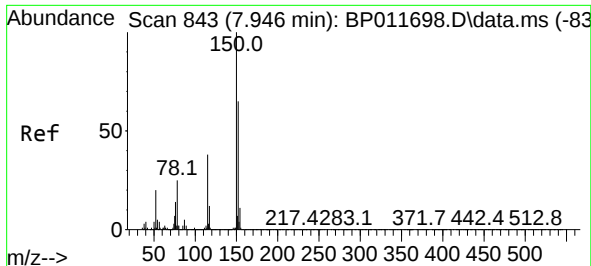
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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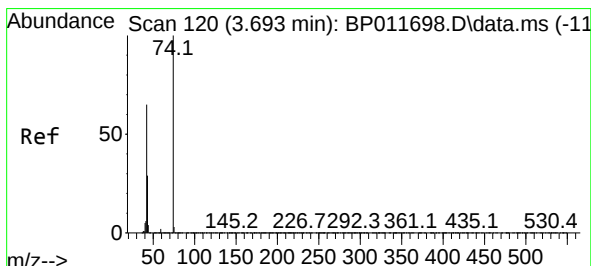
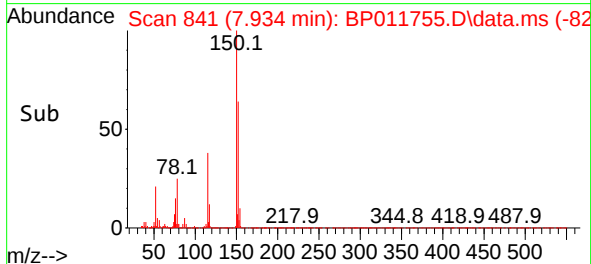
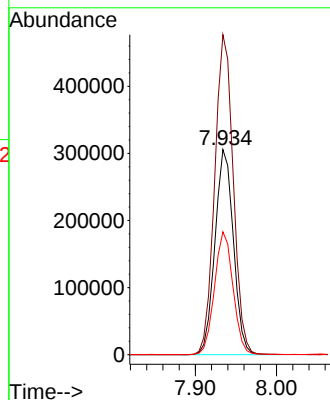
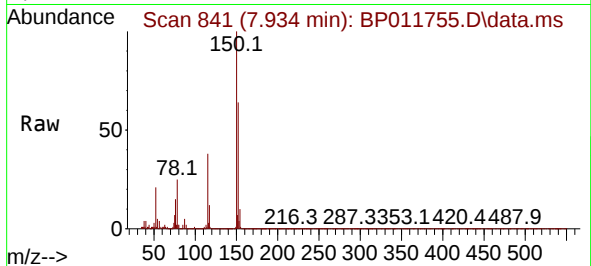




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

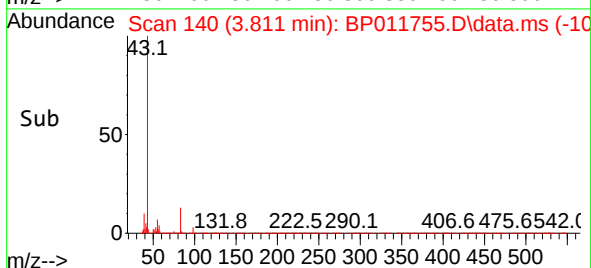
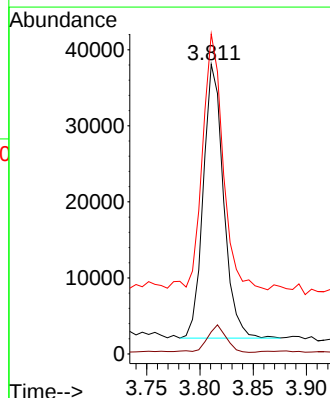
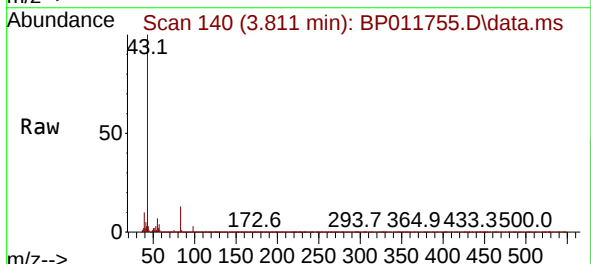
Instrument :
BNA_P
ClientSampleId :
WC-17-4-3

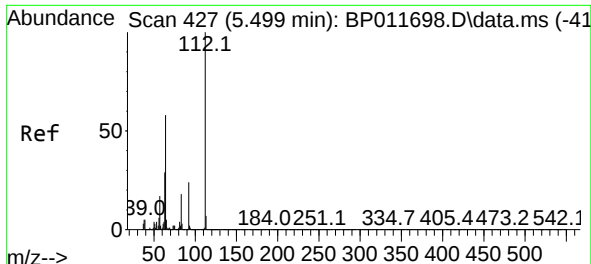
Tgt Ion:152 Resp: 483352
Ion Ratio Lower Upper
152 100
150 156.0 123.4 185.2
115 59.9 51.3 76.9



#4
n-Nitrosodimethylamine
Concen: 3.693 ng
RT: 3.811 min Scan# 140
Delta R.T. 0.124 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion: 42 Resp: 47737
Ion Ratio Lower Upper
42 100
74 7.6 74.4 111.6#
44 110.5 5.7 8.5#

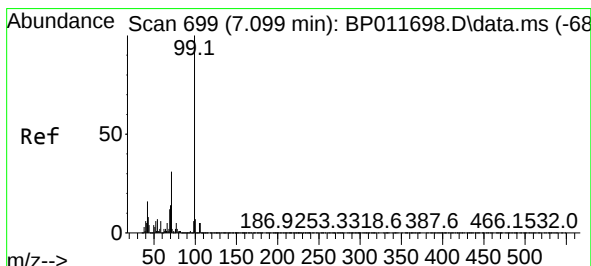
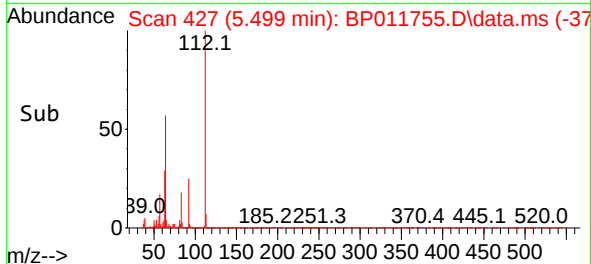
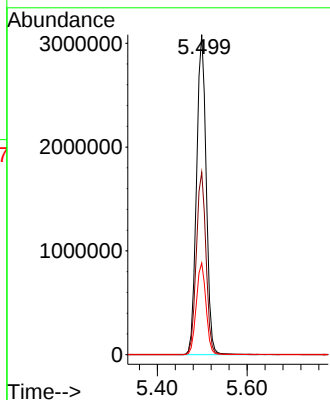
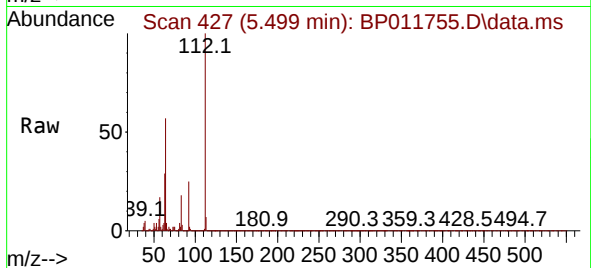




#5
2-Fluorophenol
Concen: 173.349 ng
RT: 5.499 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

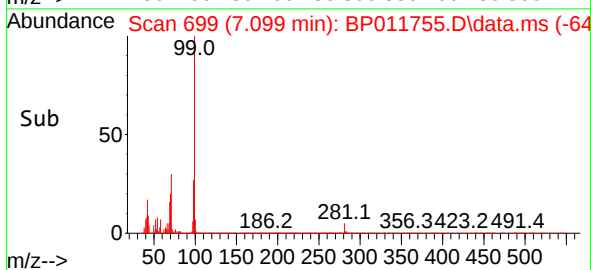
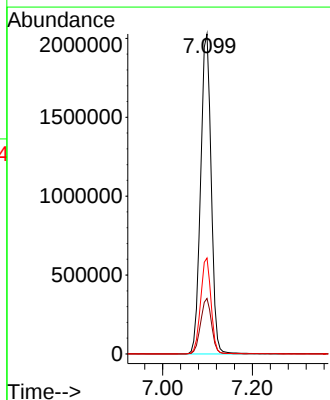
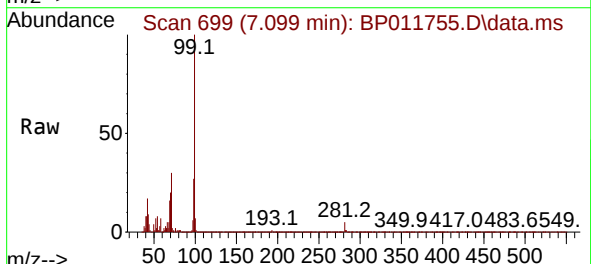
Instrument :
BNA_P
ClientSampleId :
WC-17-4-3

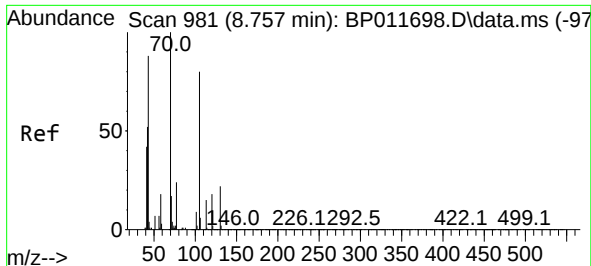
Tgt Ion:112 Resp: 4603248
Ion Ratio Lower Upper
112 100
64 57.0 56.9 85.3
63 28.6 31.2 46.8#



#7
Phenol-d6
Concen: 93.631 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion: 99 Resp: 3314334
Ion Ratio Lower Upper
99 100
42 17.3 20.3 30.5#
71 30.0 33.9 50.9#

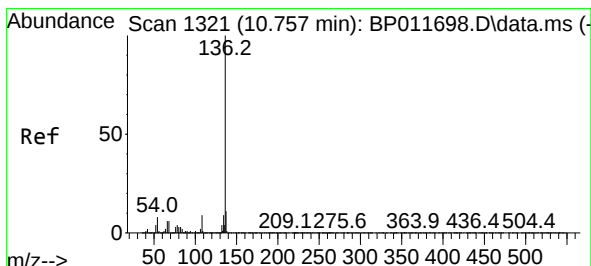
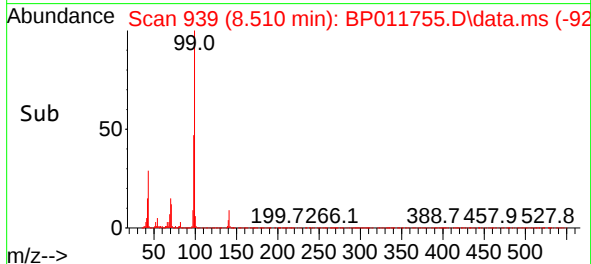
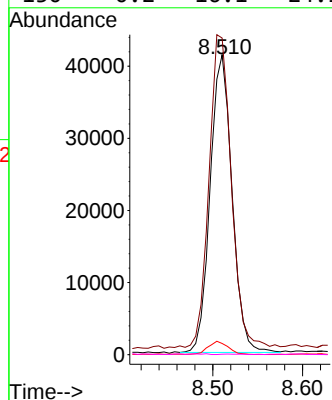
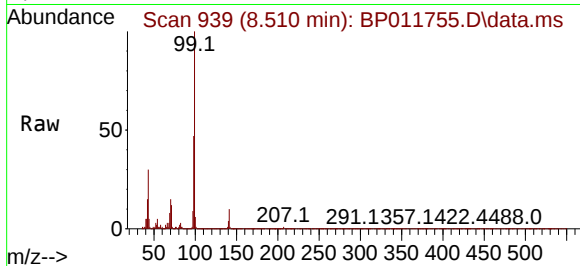




#19
n-Nitroso-di-n-propylamine
Concen: 3.050 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.241 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

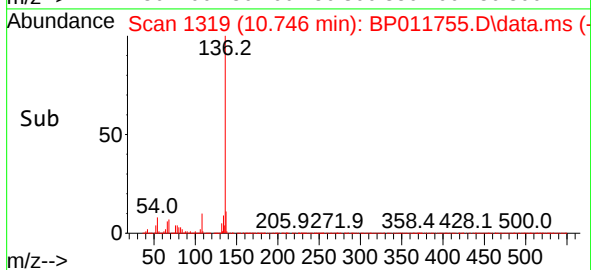
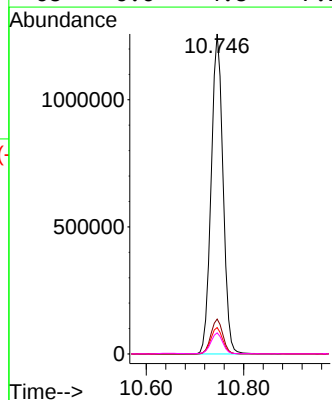
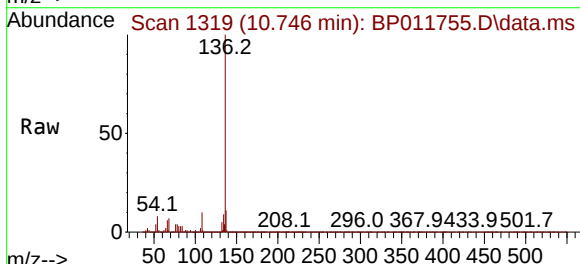
Instrument :
BNA_P
ClientSampleId :
WC-17-4-3

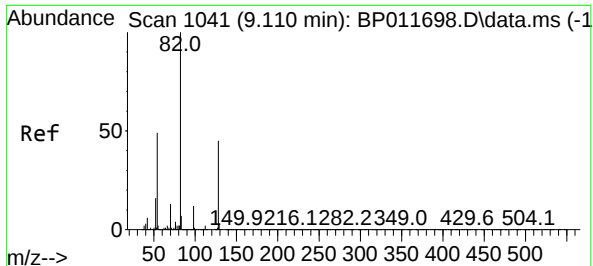
Tgt Ion: 70 Resp: 69898
Ion Ratio Lower Upper
70 100
42 105.6 58.1 87.1#
101 3.7 8.4 12.6#
130 0.2 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:136 Resp: 2116382
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 8.7 13.1#
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 107.689 ng

RT: 9.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

Instrument :

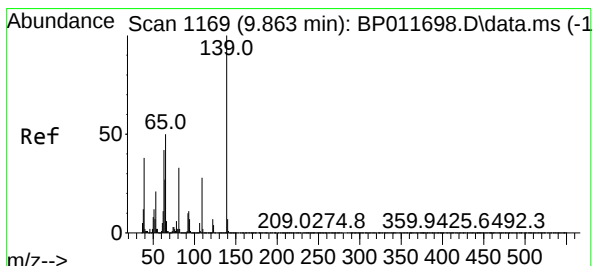
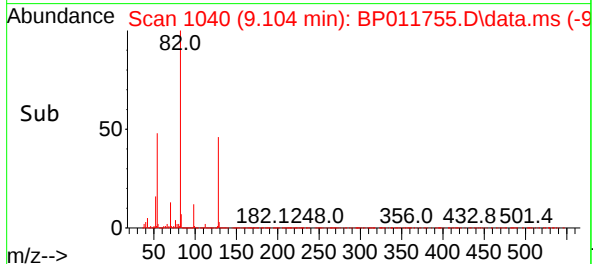
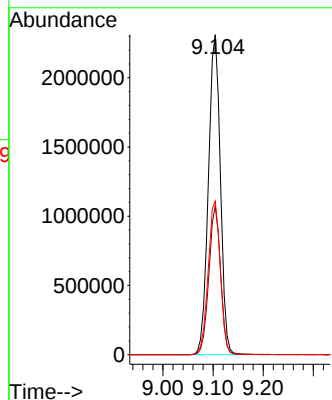
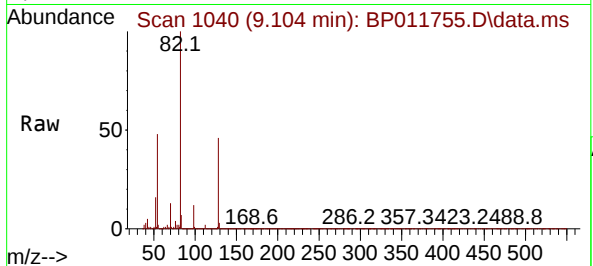
BNA_P

ClientSampleId :

WC-17-4-3

Tgt Ion: 82 Resp: 3842881

Ion	Ratio	Lower	Upper
82	100		
128	46.5	31.3	46.9
54	48.0	49.8	74.8#



#26

2-Nitrophenol

Concen: 3.570 ng

RT: 9.840 min Scan# 1165

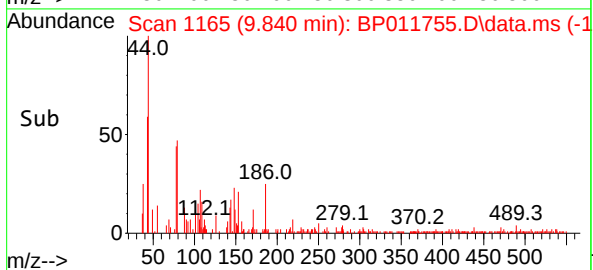
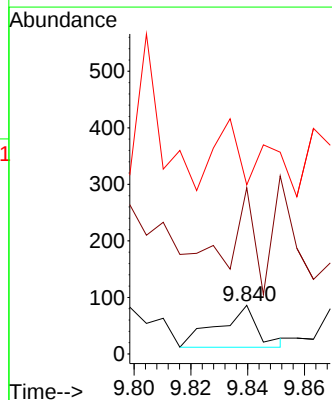
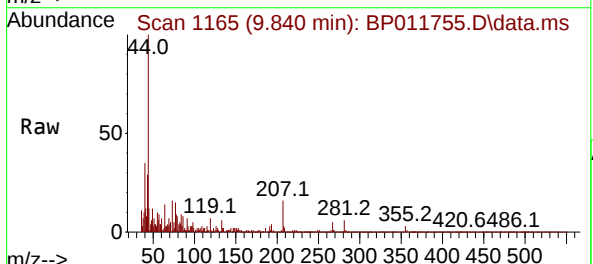
Delta R.T. -0.018 min

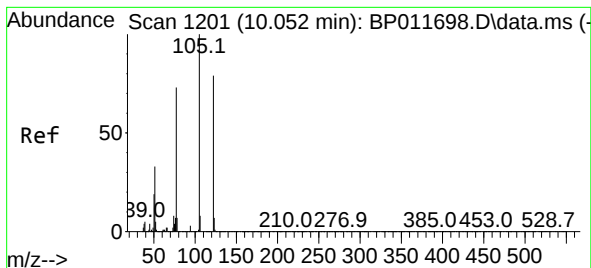
Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

Tgt Ion: 139 Resp: 73

Ion	Ratio	Lower	Upper
139	100		
109	341.9	30.2	45.4#
65	347.7	52.2	78.2#

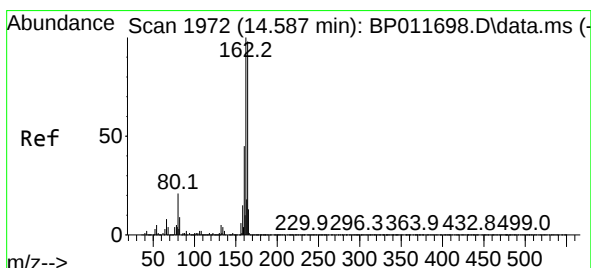
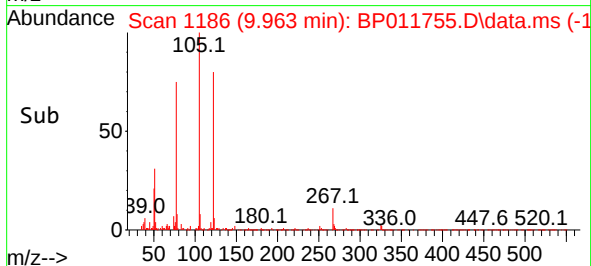
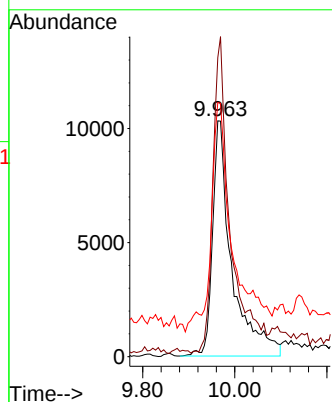
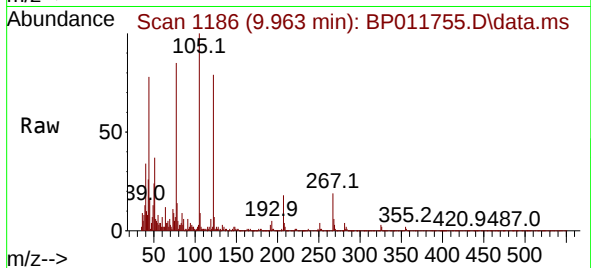




#32
Benzoic acid
Concen: 7.800 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.071 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

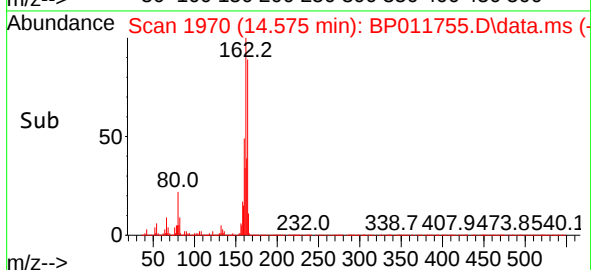
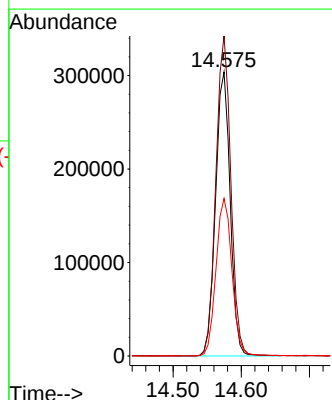
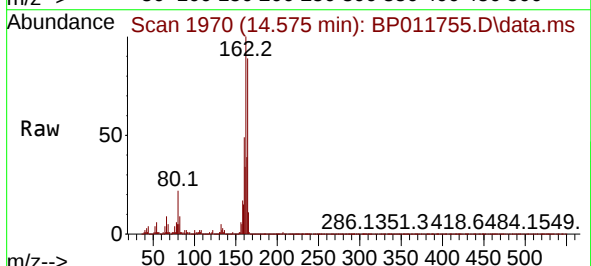
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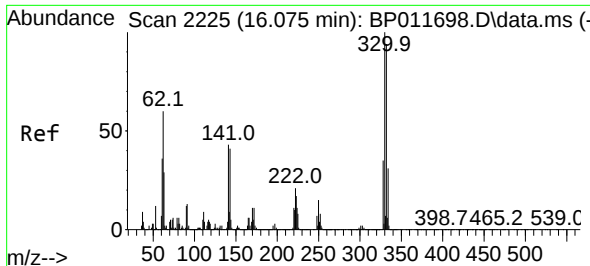
Tgt Ion:122 Resp: 29971
Ion Ratio Lower Upper
122 100
105 126.8 112.6 152.6
77 107.8 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:164 Resp: 453905
Ion Ratio Lower Upper
164 100
162 112.7 81.9 122.9
160 55.4 34.6 51.8#

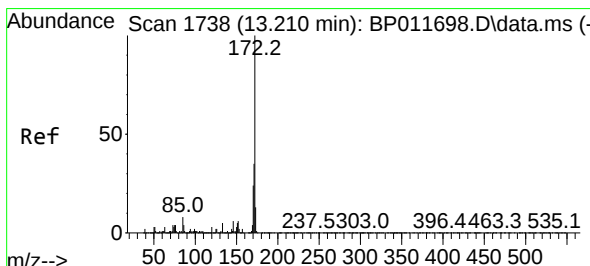
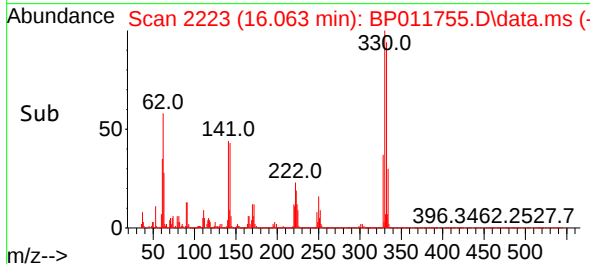
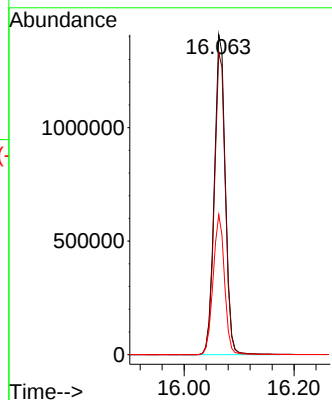
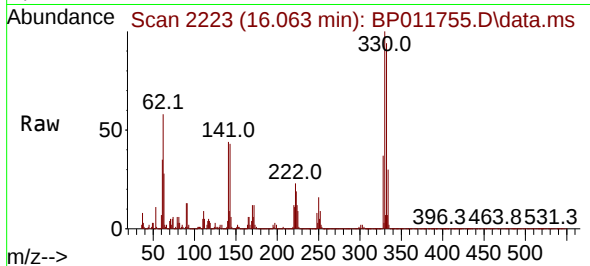




#42
2,4,6-Tribromophenol
Concen: 554.965 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

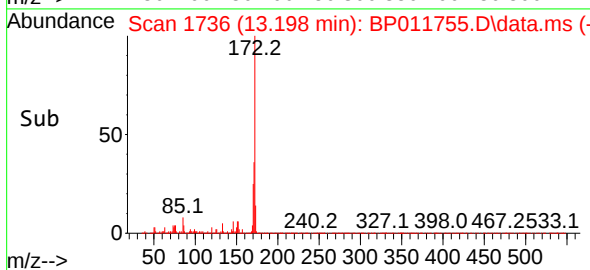
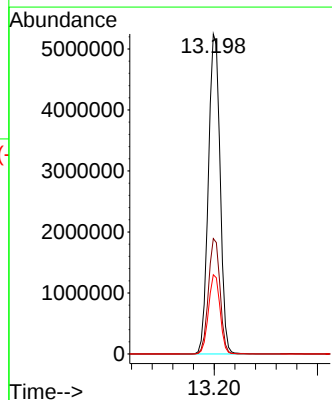
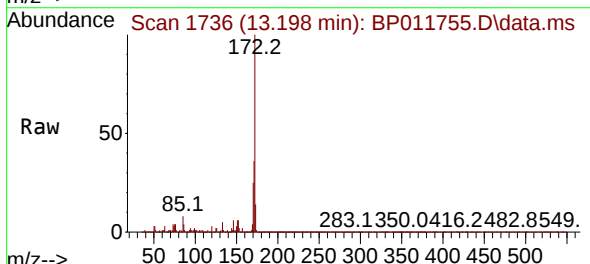
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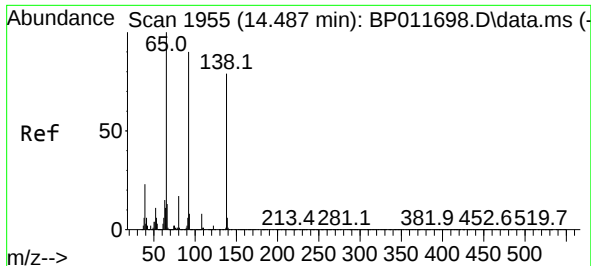
Tgt Ion:330 Resp: 1968198
Ion Ratio Lower Upper
330 100
332 94.7 78.1 117.1
141 45.0 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 282.593 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:172 Resp: 8251892
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 24.7 18.2 27.2

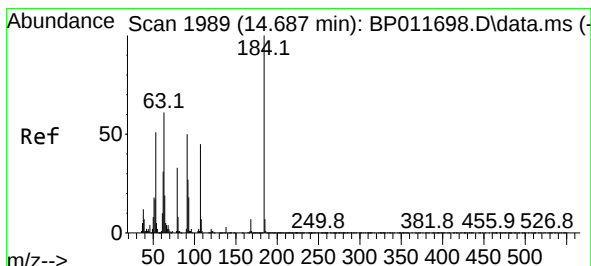
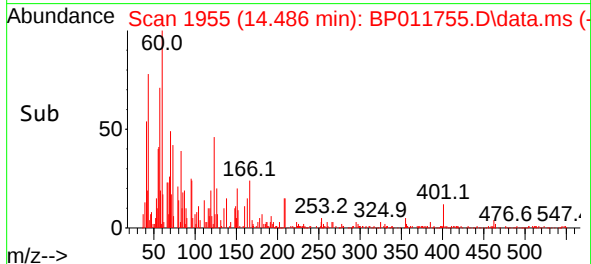
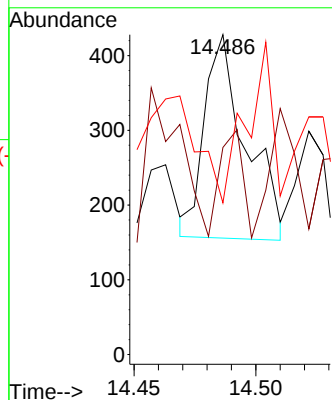
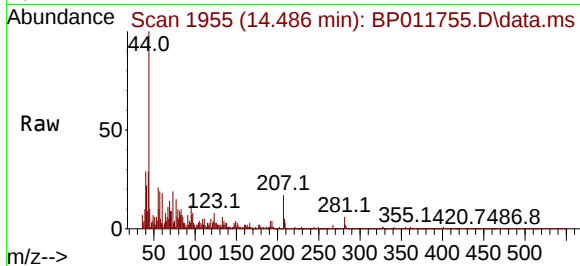




#53
3-Nitroaniline
Concen: 2.423 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

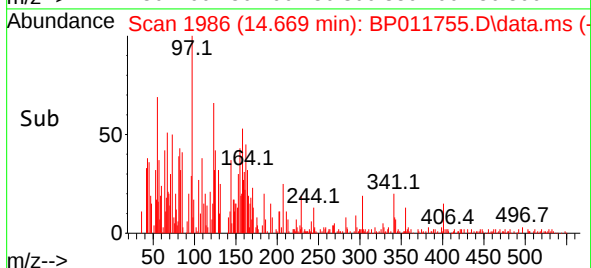
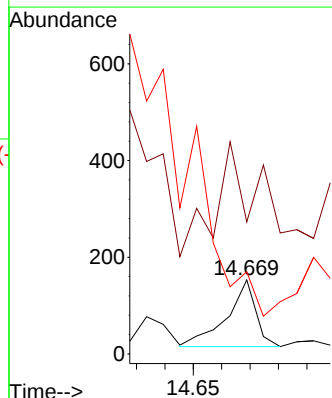
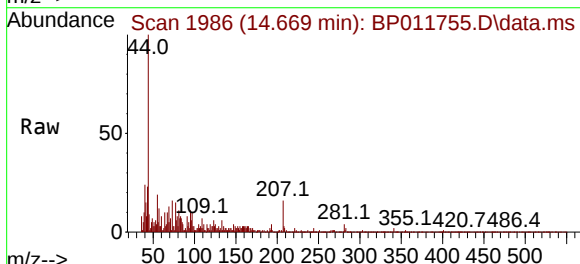
Instrument :
BNA_P
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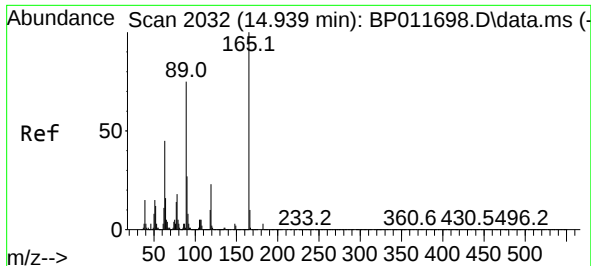
Tgt Ion:138 Resp: 322
Ion Ratio Lower Upper
138 100
108 64.7 9.5 14.3#
92 47.4 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.605 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 178.4 65.4 98.2#
154 111.1 55.4 83.2#

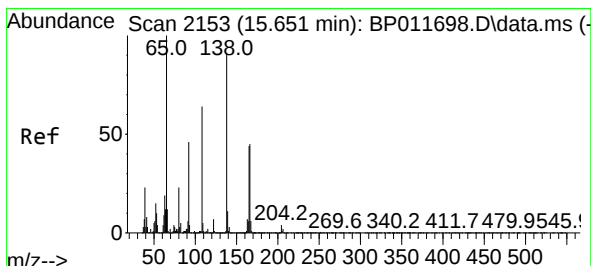
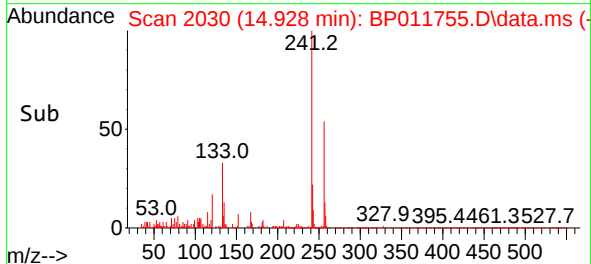
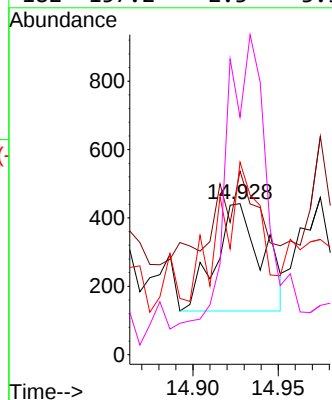
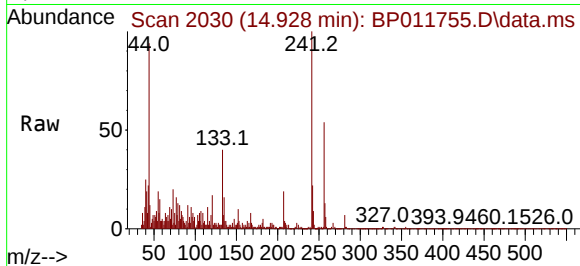




#57
2,4-Dinitrotoluene
Concen: 3.048 ng
RT: 14.928 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

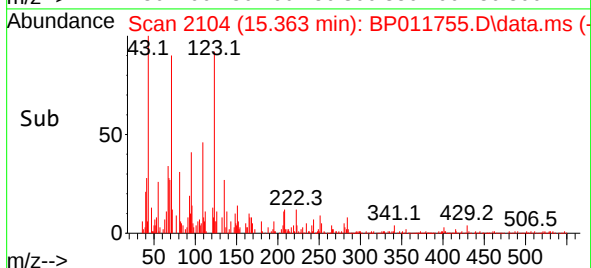
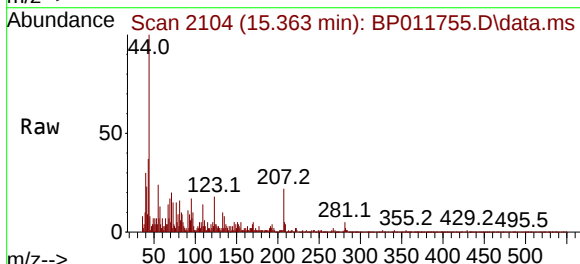
Instrument :
BNA_P
ClientSampleId :
WC-17-4-3

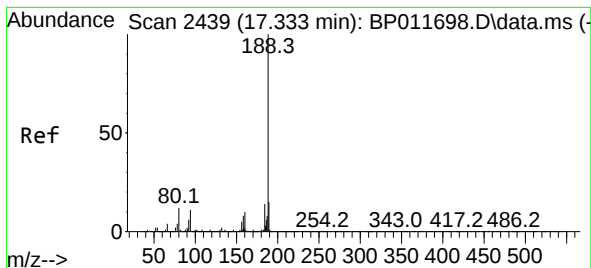
Tgt Ion:	165	Resp:	599
Ion Ratio	Lower	Upper	
165	100		
63	121.5	46.2	69.2#
89	127.4	65.8	98.8#
182	157.2	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.758 ng
RT: 15.363 min Scan# 2104
Delta R.T. -0.276 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:	138	Resp:	267
Ion Ratio	Lower	Upper	
138	100		
92	70.2	38.0	78.0
108	85.1	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: BP011755.D

Acq: 20 Sep 2022 02:47

Instrument :

BNA_P

ClientSampleId :

WC-17-4-3

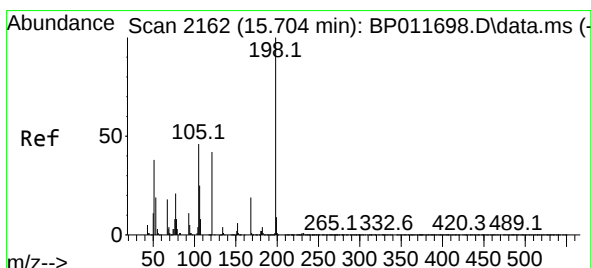
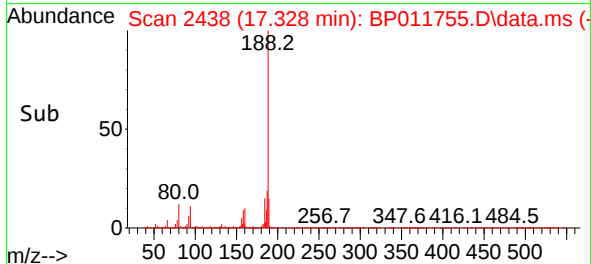
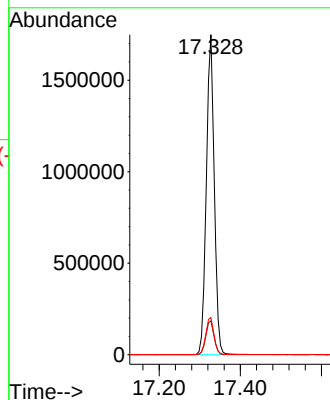
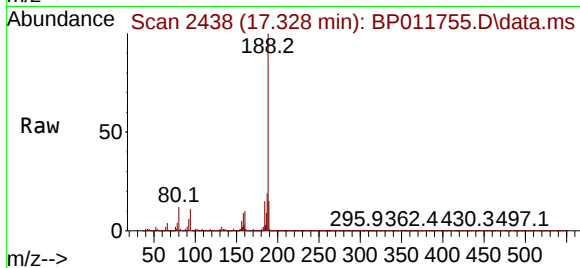
Tgt Ion:188 Resp: 2363972

Ion Ratio Lower Upper

188 100

94 10.6 6.6 10.0#

80 11.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.859 ng

RT: 15.692 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

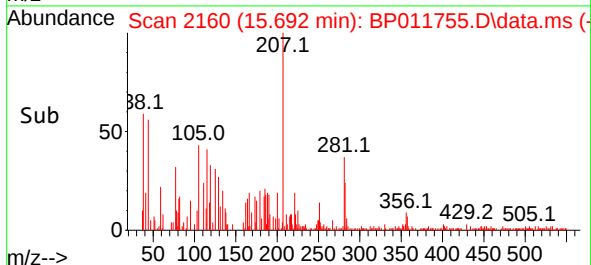
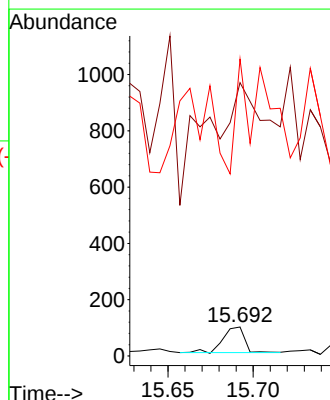
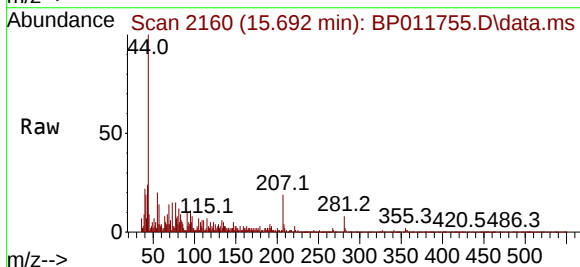
Tgt Ion:198 Resp: 80

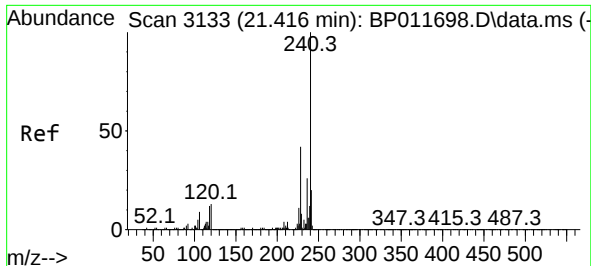
Ion Ratio Lower Upper

198 100

51 942.7 41.2 81.2#

105 1024.3 25.3 65.3#

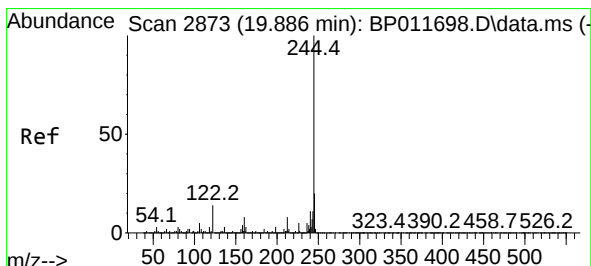
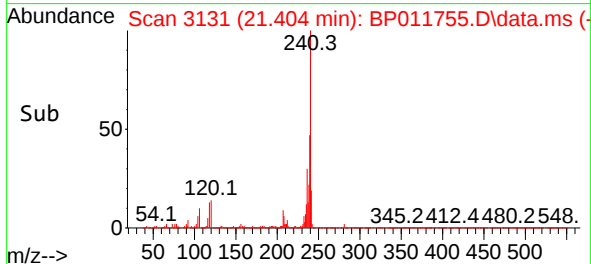
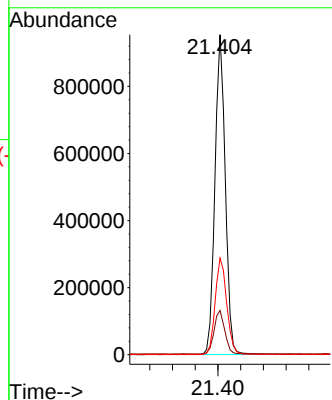
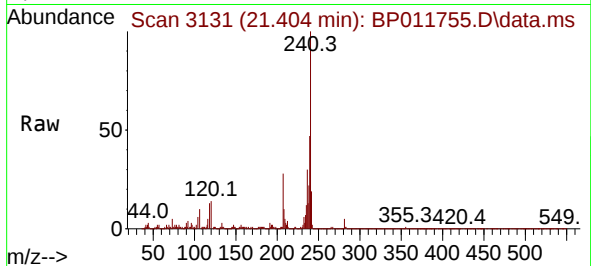




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

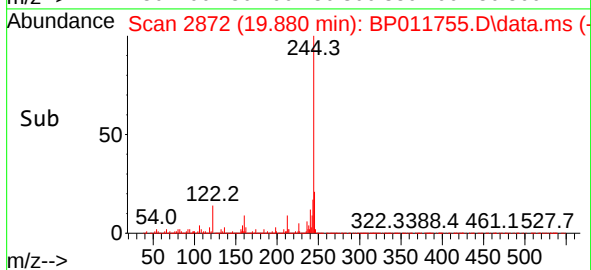
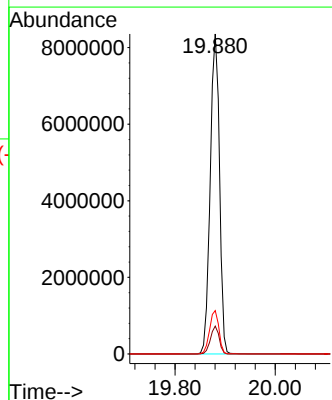
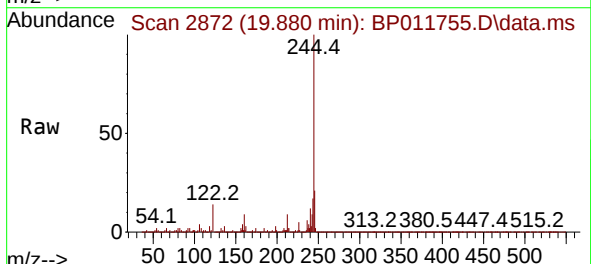
Instrument :
BNA_P
ClientSampleId :
WC-17-4-3

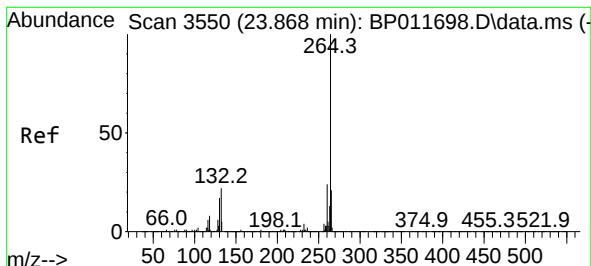
Tgt Ion:240 Resp: 1203589
Ion Ratio Lower Upper
240 100
120 13.8 8.6 12.8#
236 30.2 19.8 29.6#



#79
Terphenyl-d14
Concen: 193.904 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011755.D
Acq: 20 Sep 2022 02:47

Tgt Ion:244 Resp:10732210
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 13.6 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

Instrument :

BNA_P

ClientSampleId :

WC-17-4-3

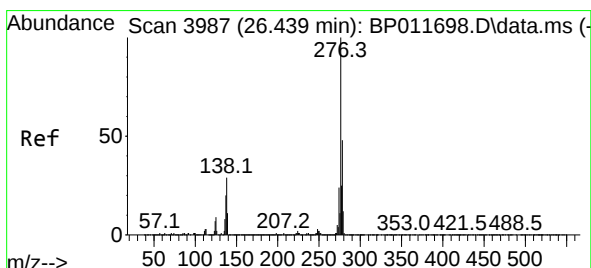
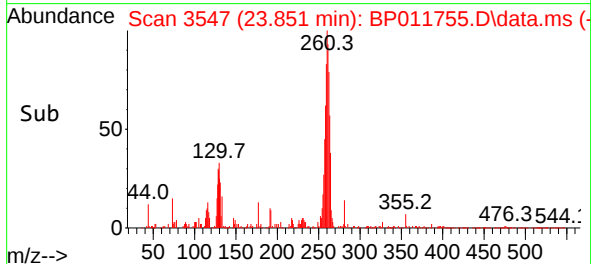
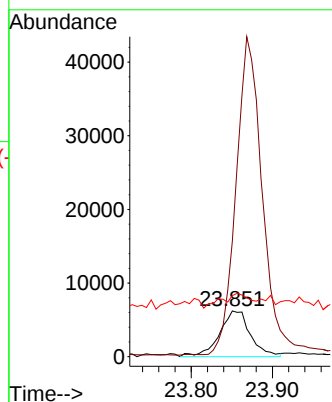
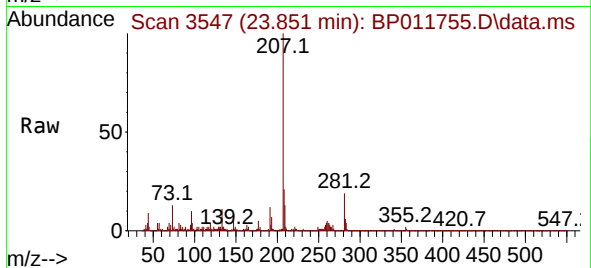
Tgt Ion:264 Resp: 16489

Ion Ratio Lower Upper

264 100

260 252.5 19.3 28.9#

265 133.4 18.0 27.0#



#87

Indeno(1,2,3-cd)pyrene

Concen: 17.067 ng

RT: 26.409 min Scan# 3982

Delta R.T. -0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

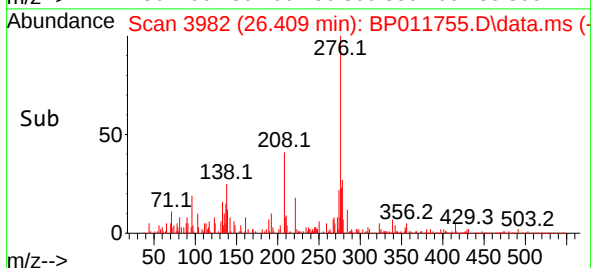
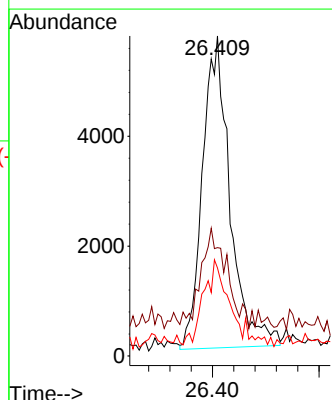
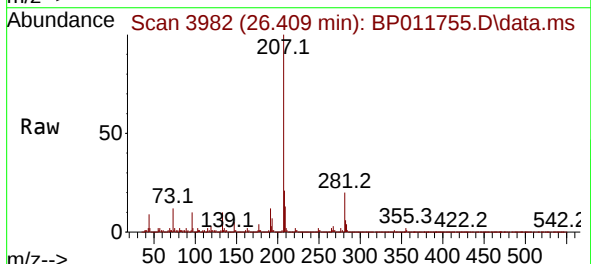
Tgt Ion:276 Resp: 20274

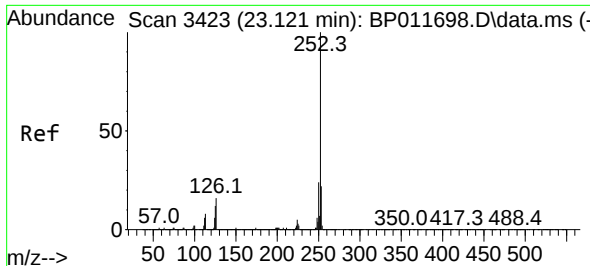
Ion Ratio Lower Upper

276 100

138 26.8 17.5 26.3#

277 23.8 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 12.560 ng

RT: 23.104 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

Instrument :

BNA_P

ClientSampleId :

WC-17-4-3

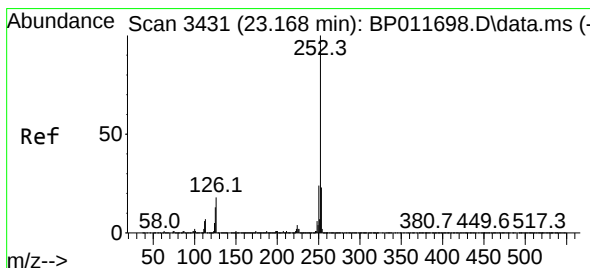
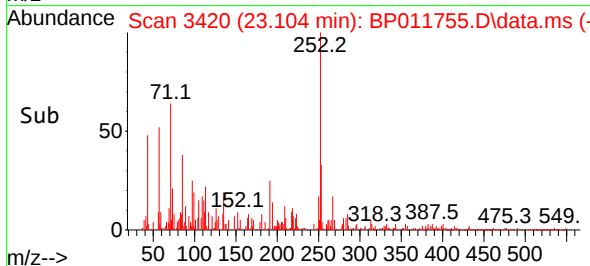
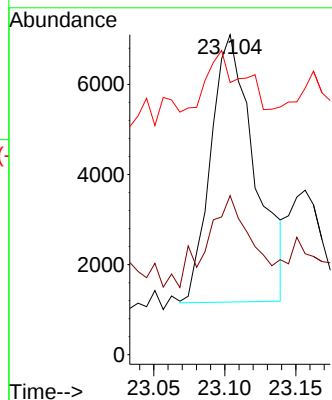
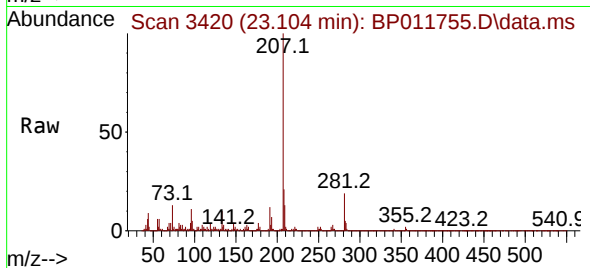
Tgt Ion:252 Resp: 12809

Ion Ratio Lower Upper

252 100

253 49.7 17.8 26.6#

125 85.1 7.0 10.6#



#89

Benzo(k)fluoranthene

Concen: 3.129 ng

RT: 23.157 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

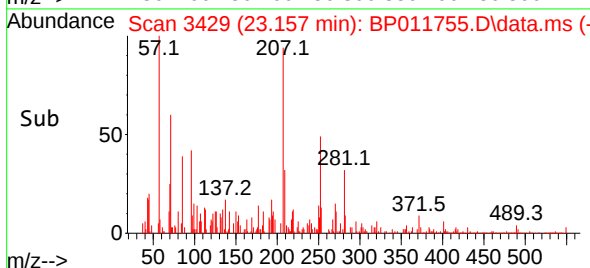
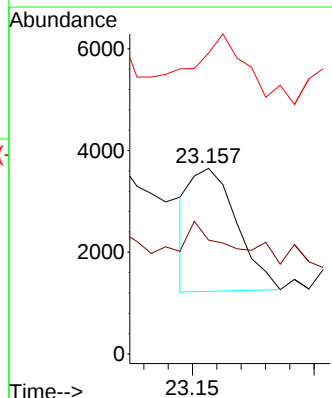
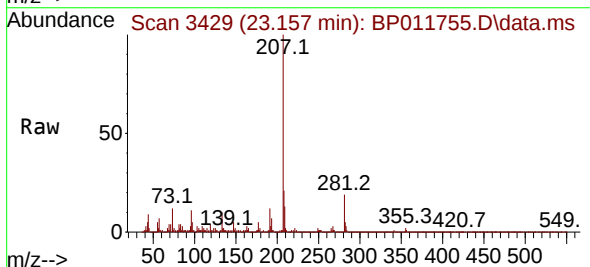
Tgt Ion:252 Resp: 3216

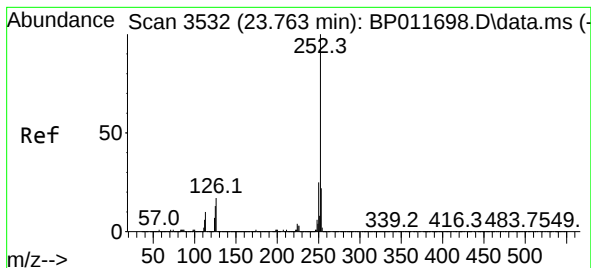
Ion Ratio Lower Upper

252 100

253 61.4 17.2 25.8#

125 162.1 7.0 10.4#





#90

Benzo(a)pyrene

Concen: 34.012 ng

RT: 23.739 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

Instrument :

BNA_P

ClientSampleId :

WC-17-4-3

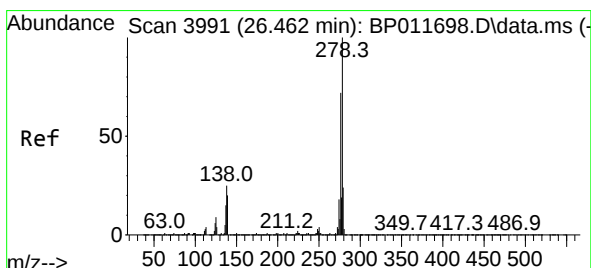
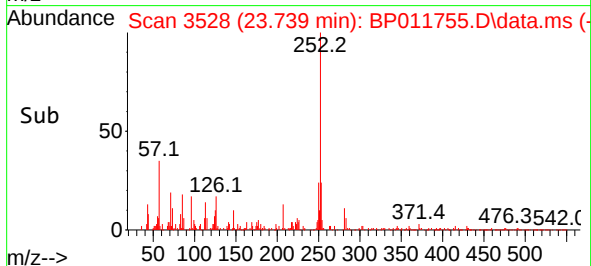
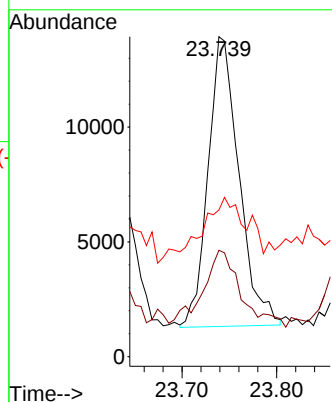
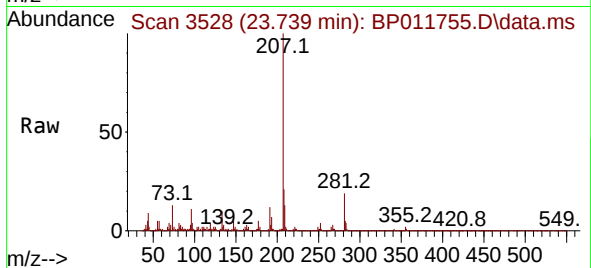
Tgt Ion:252 Resp: 28654

Ion Ratio Lower Upper

252 100

253 33.3 17.0 25.6#

125 45.8 7.9 11.9#



#91

Dibenzo(a,h)anthracene

Concen: 8.098 ng

RT: 26.409 min Scan# 3982

Delta R.T. -0.024 min

Lab File: BP011755.D

Acq: 20 Sep 2022 02:47

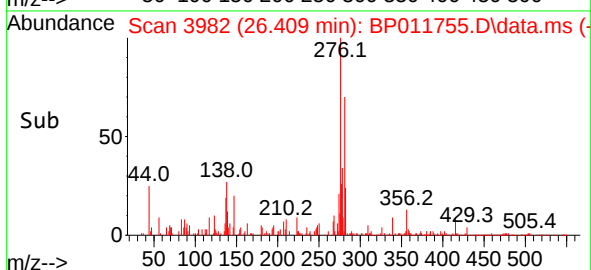
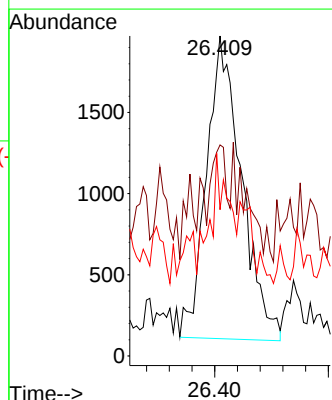
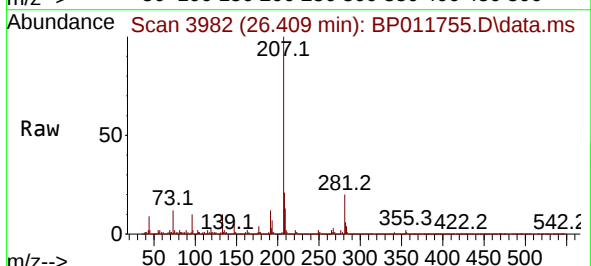
Tgt Ion:278 Resp: 7988

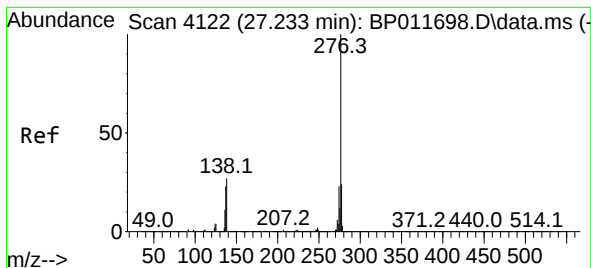
Ion Ratio Lower Upper

278 100

139 66.0 11.4 17.0#

279 45.7 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 30.792 ng

RT: 27.186 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP011755.D

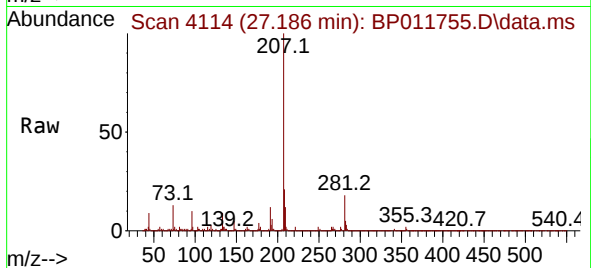
Acq: 20 Sep 2022 02:47

Instrument :

BNA_P

ClientSampleId :

WC-17-4-3



Tgt Ion:276 Resp: 29612

Ion Ratio Lower Upper

276 100

277 26.8 18.7 28.1

138 39.7 15.2 22.8#

