

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011756.D
 Acq On : 20 Sep 2022 03:22
 Operator : CG/JU
 Sample : N4630-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17-4-2

Quant Time: Sep 20 04:55:48 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)

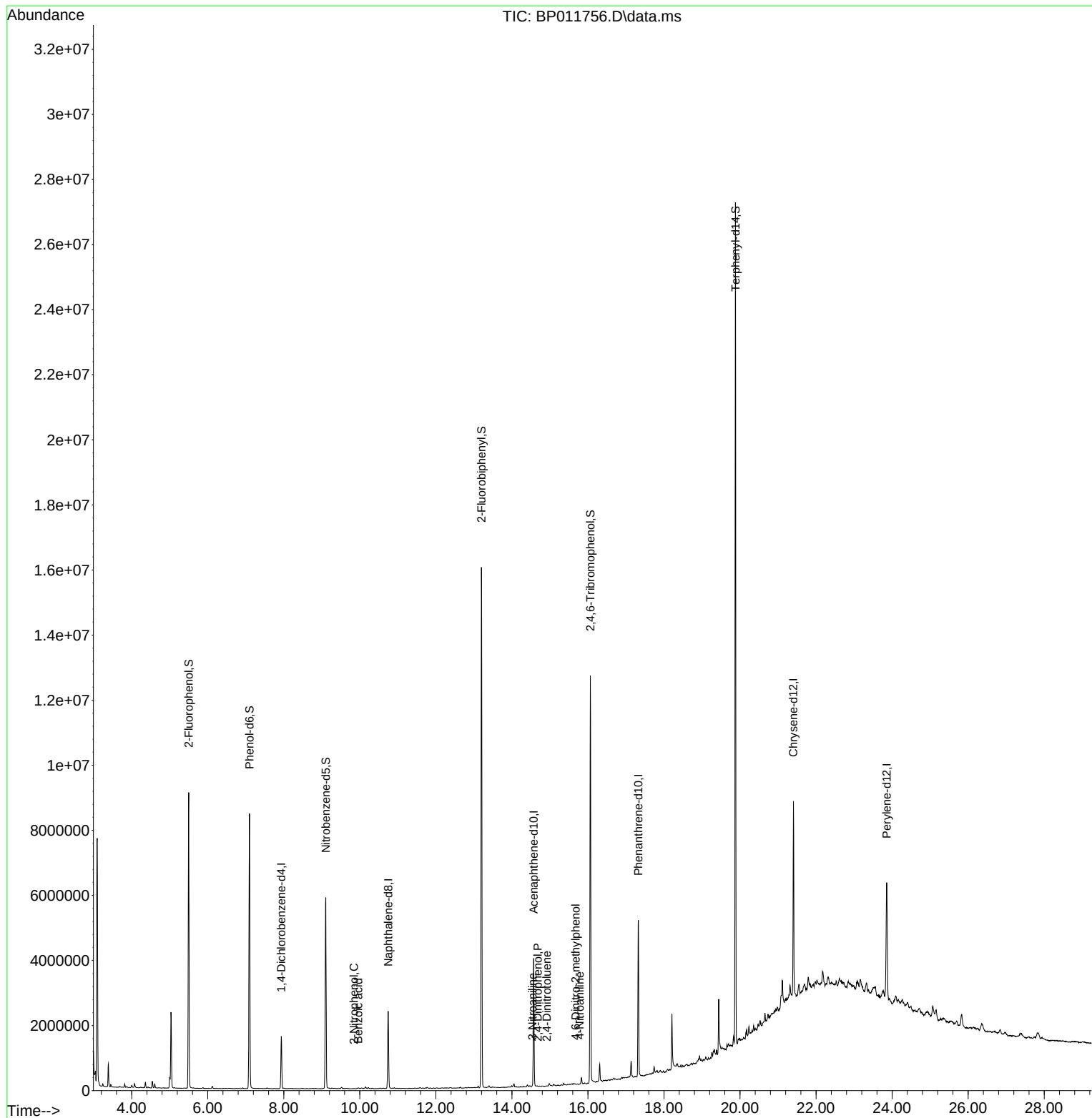
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	451796	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2028472	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1345662	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2817645	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2664194	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2545936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4181001	168.445	ng	0.00
7) Phenol-d6	7.099	99	5326434	160.984	ng	0.00
23) Nitrobenzene-d5	9.104	82	3489228	102.016	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2072922	197.155	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	8279191	95.637	ng	0.00
79) Terphenyl-d14	19.880	244	11597349	94.660	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	159	3.575	ng	# 1
32) Benzoic acid	9.963	122	12732	7.152	ng	93
53) 3-Nitroaniline	14.539	138	493	2.405	ng	# 38
54) 2,4-Dinitrophenol	14.681	184	110	6.590	ng	# 1
57) 2,4-Dinitrotoluene	14.922	165	419	3.002	ng	# 75
62) 4-Nitroaniline	15.781	138	539	2.749	ng	89
65) 4,6-Dinitro-2-methylph...	15.681	198	241	5.867	ng	# 1

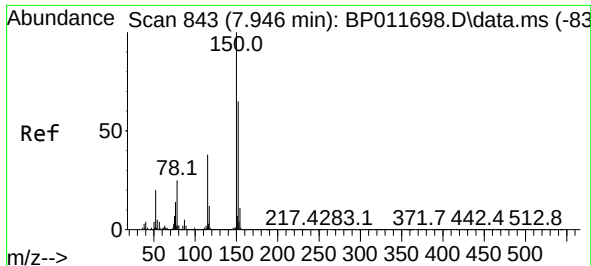
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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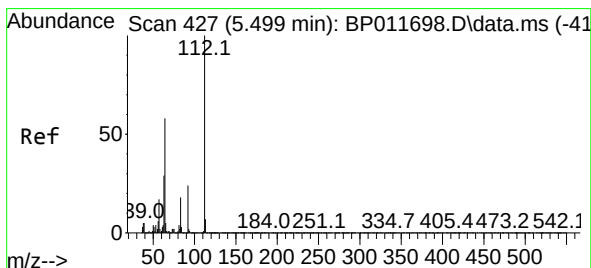
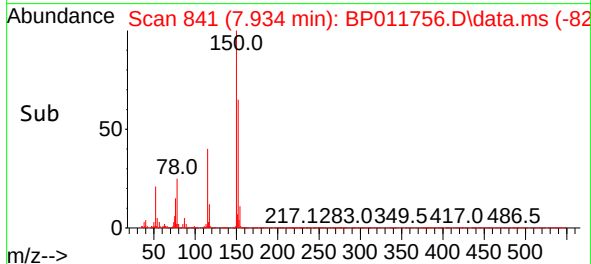
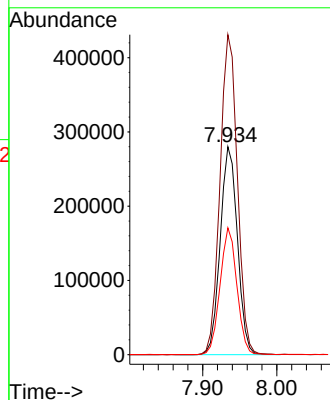
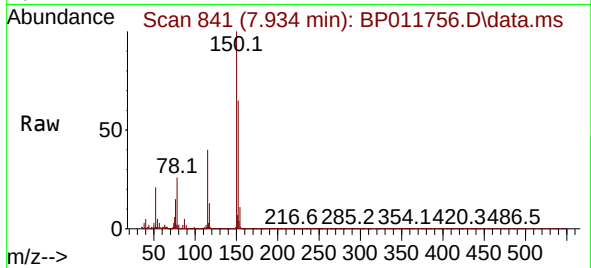




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. -0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

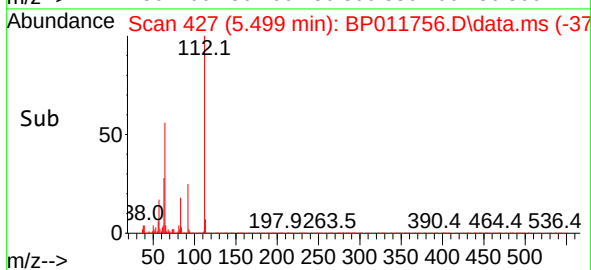
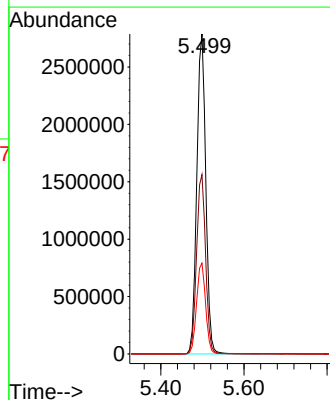
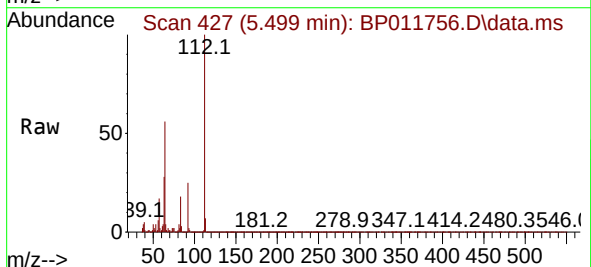
Instrument :
BNA_P
ClientSampleId :
WC-17-4-2

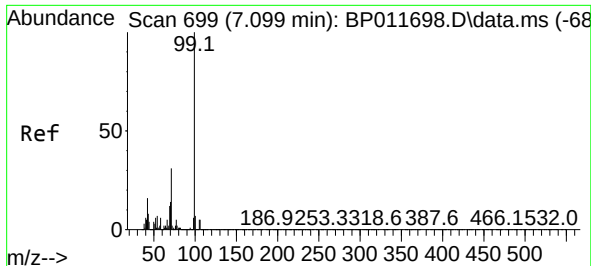
Tgt Ion:152 Resp: 451796
Ion Ratio Lower Upper
152 100
150 153.8 123.4 185.2
115 61.0 51.3 76.9



#5
2-Fluorophenol
Concen: 168.445 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.006 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:112 Resp: 4181001
Ion Ratio Lower Upper
112 100
64 56.0 56.9 85.3#
63 28.4 31.2 46.8#



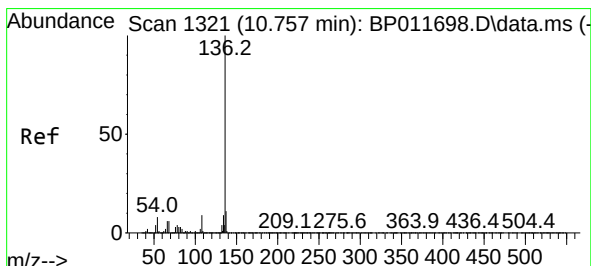
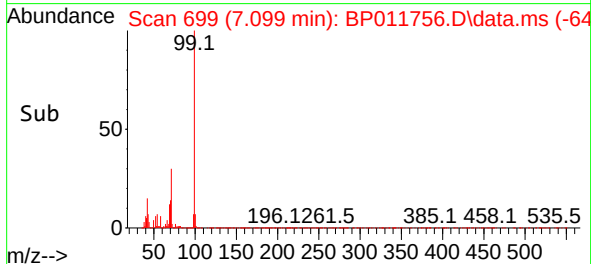
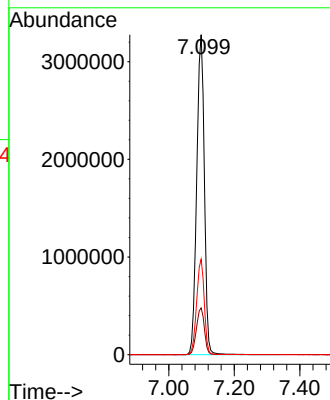
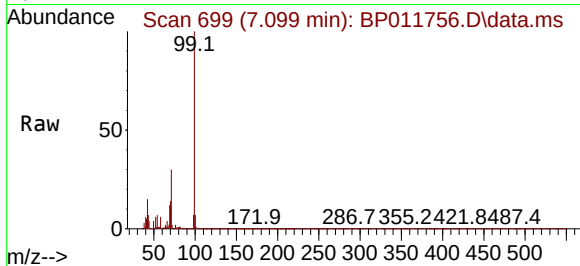


#7
Phenol-d6
Concen: 160.984 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Instrument :
BNA_P
ClientSampleId :
WC-17-4-2

Tgt Ion: 99 Resp: 5326434

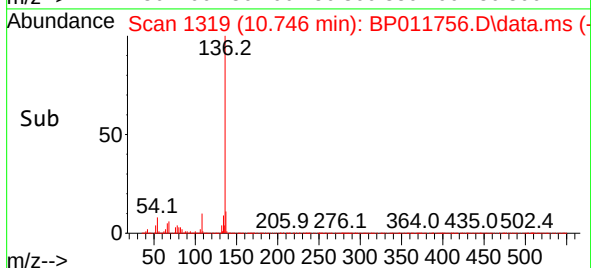
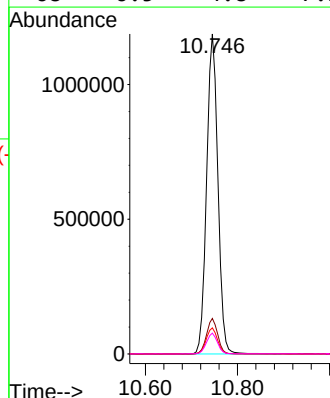
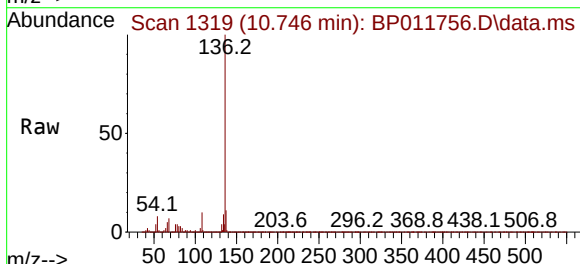
Ion	Ratio	Lower	Upper
99	100		
42	14.6	20.3	30.5#
71	29.8	33.9	50.9#

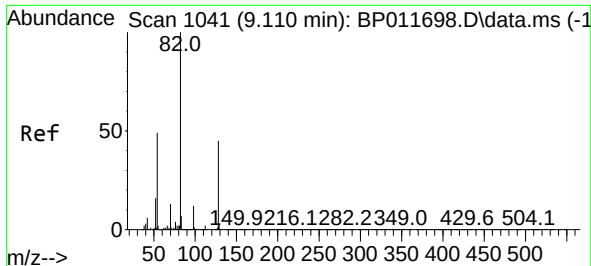


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion: 136 Resp: 2028472

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.1	8.7	13.1#
68	6.5	4.8	7.2

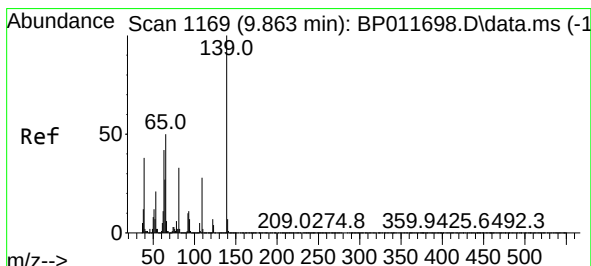
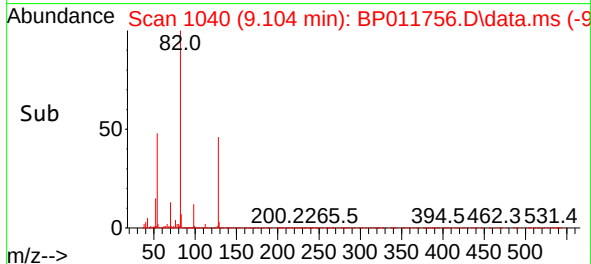
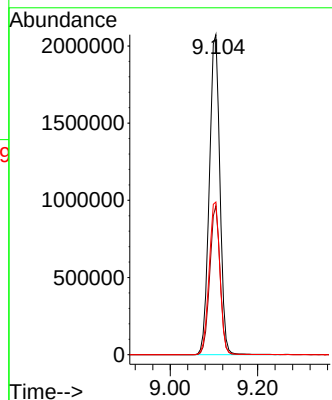
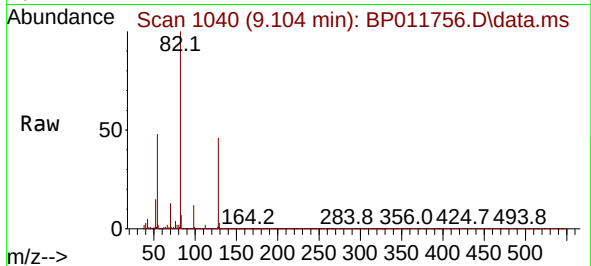




#23
Nitrobenzene-d5
Concen: 102.016 ng
RT: 9.104 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

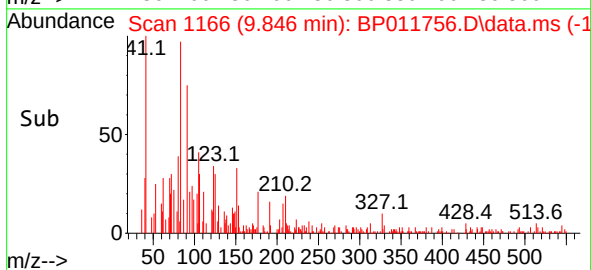
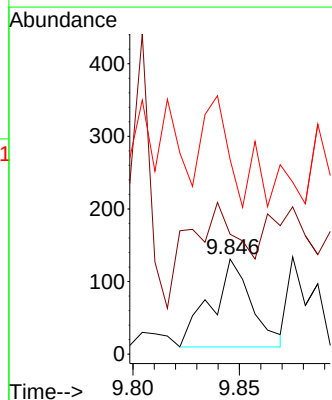
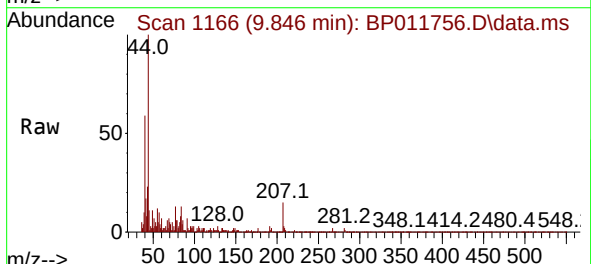
Instrument :
BNA_P
ClientSampleId :
WC-17-4-2

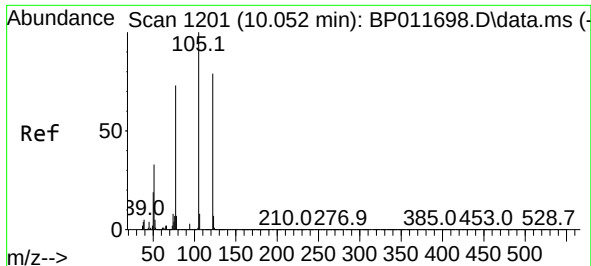
Tgt Ion: 82 Resp: 3489228
Ion Ratio Lower Upper
82 100
128 46.5 31.3 46.9
54 47.7 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.575 ng
RT: 9.846 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:139 Resp: 159
Ion Ratio Lower Upper
139 100
109 126.0 30.2 45.4#
65 204.6 52.2 78.2#

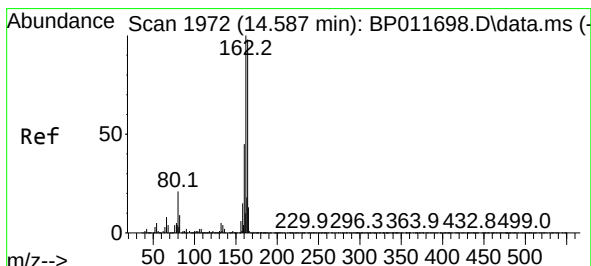
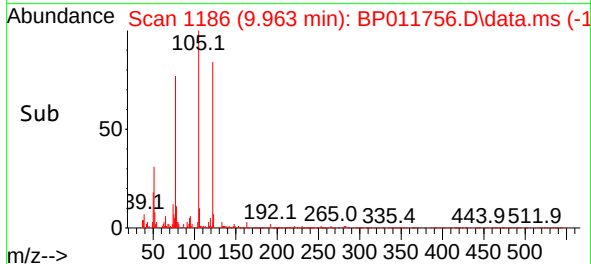
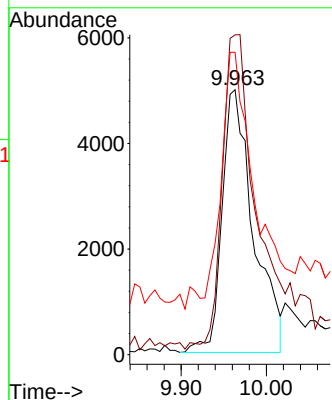
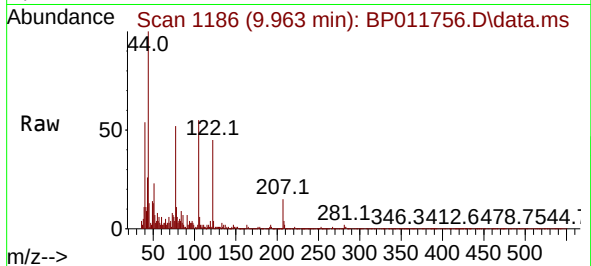




#32
Benzoic acid
Concen: 7.152 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.071 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

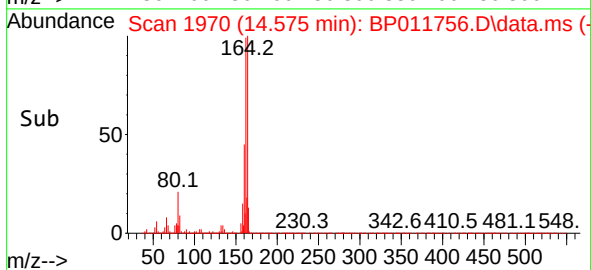
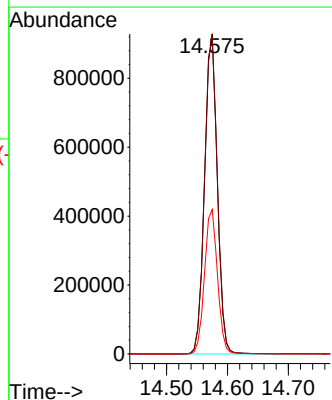
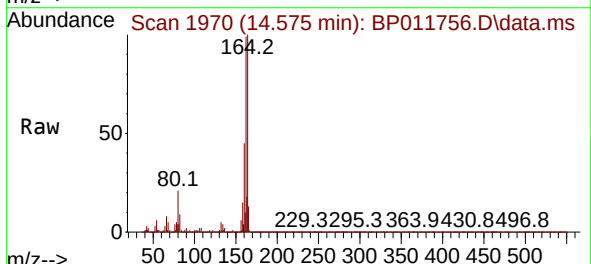
Instrument :
BNA_P
ClientSampleId :
WC-17-4-2

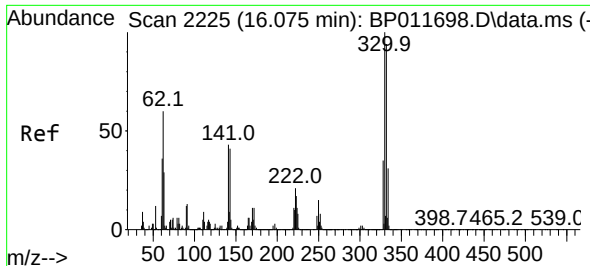
Tgt Ion:122 Resp: 12732
Ion Ratio Lower Upper
122 100
105 120.7 112.6 152.6
77 114.1 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:164 Resp: 1345662
Ion Ratio Lower Upper
164 100
162 99.2 81.9 122.9
160 45.2 34.6 51.8

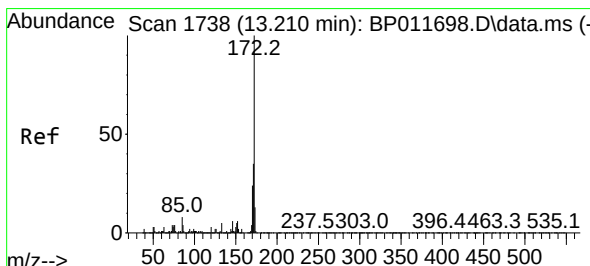
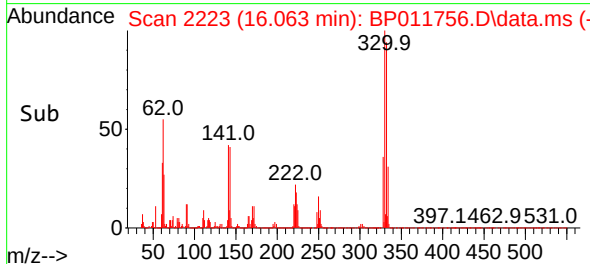
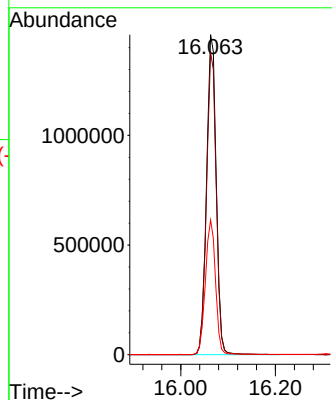
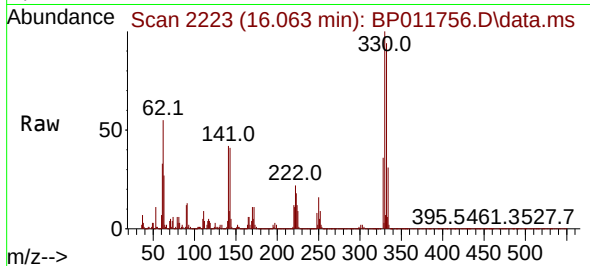




#42
2,4,6-Tribromophenol
Concen: 197.155 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

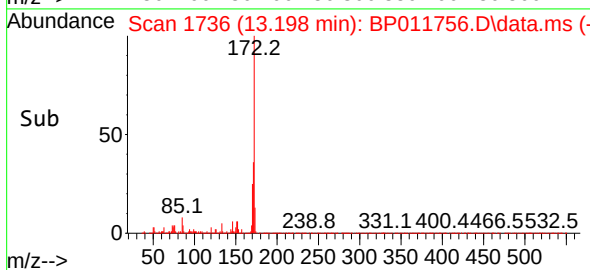
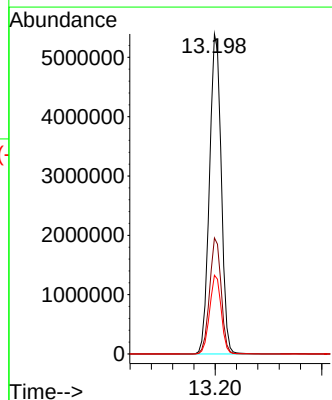
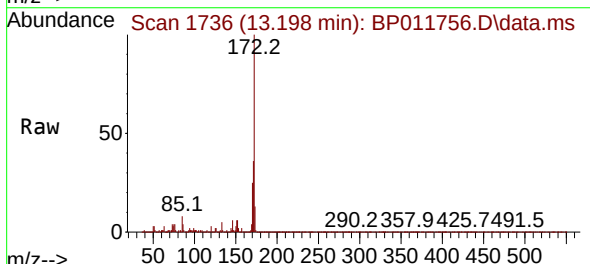
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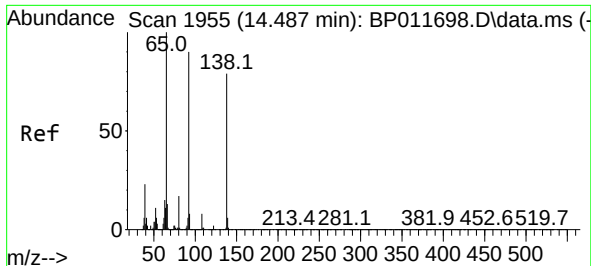
Tgt Ion:330 Resp: 2072922
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 43.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 95.637 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:172 Resp: 8279191
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.6 18.2 27.2

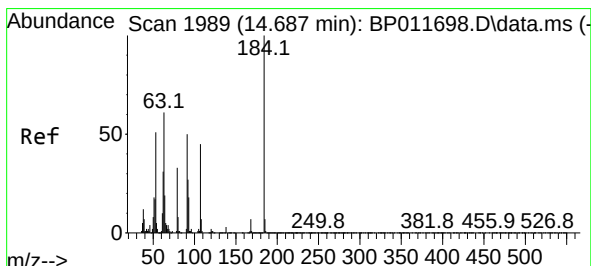
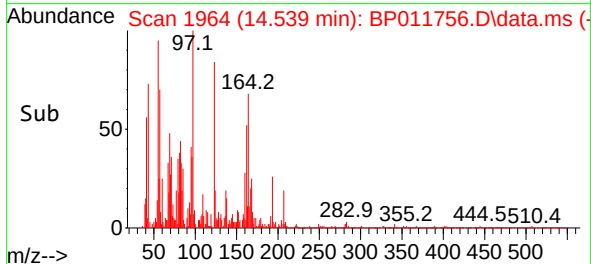
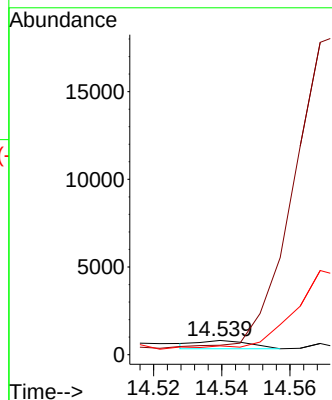
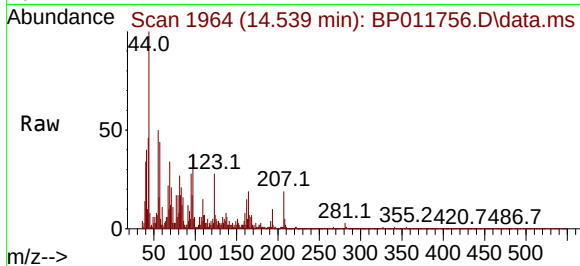




#53
3-Nitroaniline
Concen: 2.405 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.059 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

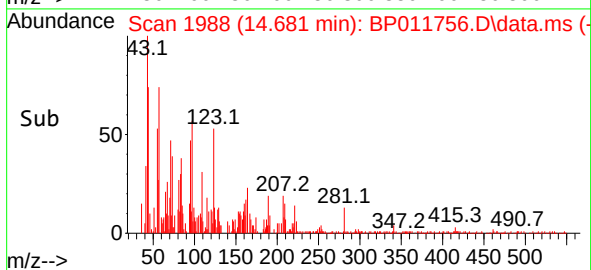
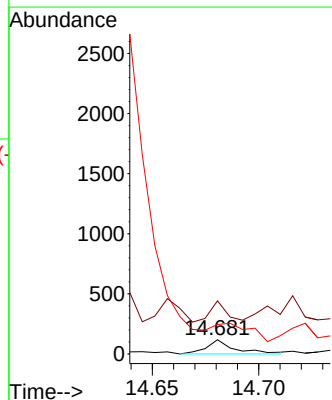
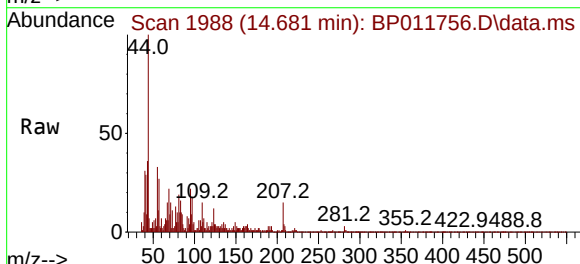
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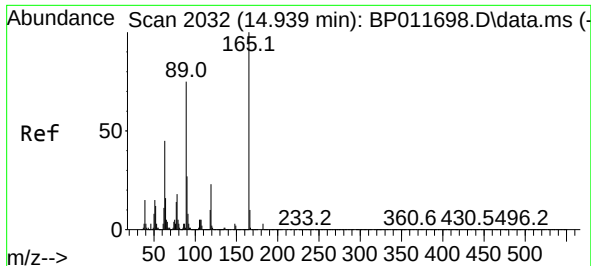
Tgt Ion:138 Resp: 493
Ion Ratio Lower Upper
138 100
108 66.4 9.5 14.3#
92 62.4 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.590 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 371.4 65.4 98.2#
154 205.9 55.4 83.2#

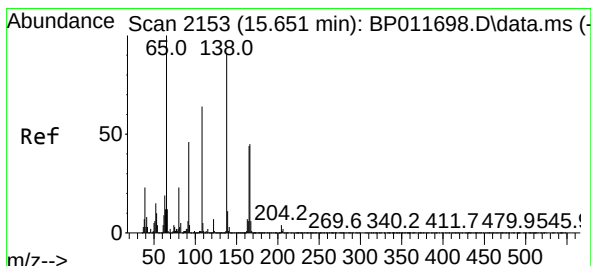
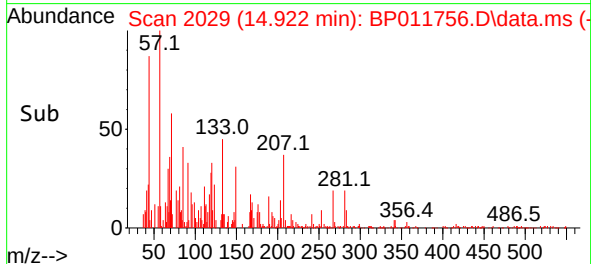
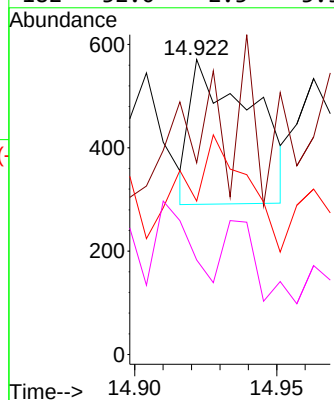
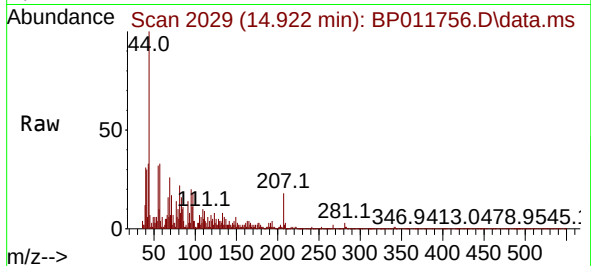




#57
2,4-Dinitrotoluene
Concen: 3.002 ng
RT: 14.922 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

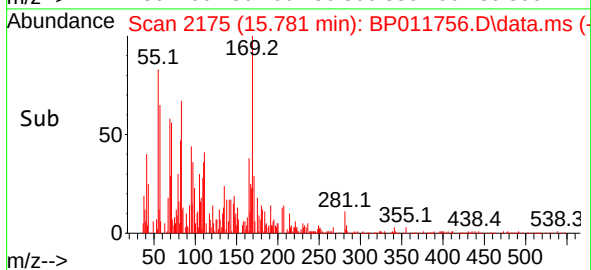
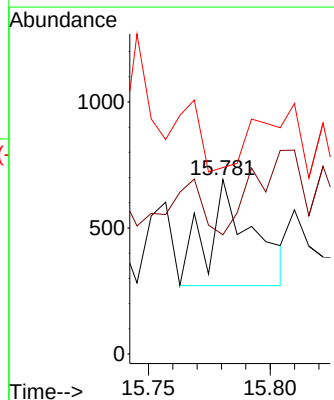
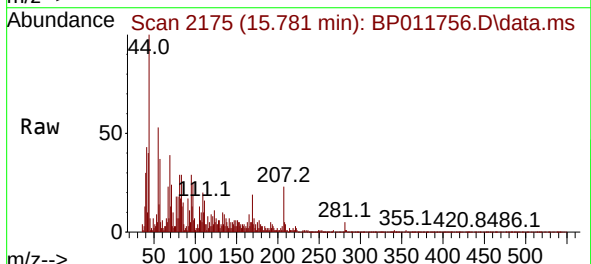
Instrument :
BNA_P
ClientSampleId :
WC-17-4-2

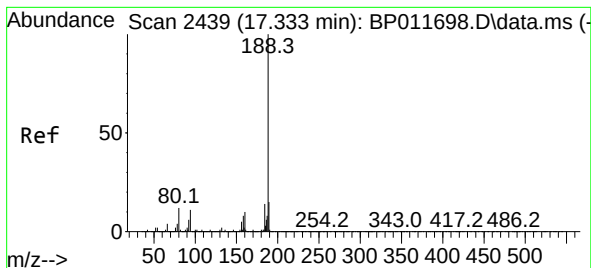
Tgt Ion:165 Resp: 419
Ion Ratio Lower Upper
165 100
63 65.0 46.2 69.2
89 52.0 65.8 98.8#
182 32.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.749 ng
RT: 15.781 min Scan# 2175
Delta R.T. 0.141 min
Lab File: BP011756.D
Acq: 20 Sep 2022 03:22

Tgt Ion:138 Resp: 539
Ion Ratio Lower Upper
138 100
92 68.4 38.0 78.0
108 106.9 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: BP011756.D

Acq: 20 Sep 2022 03:22

Instrument :

BNA_P

ClientSampleId :

WC-17-4-2

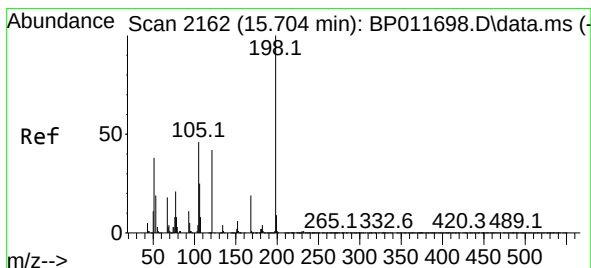
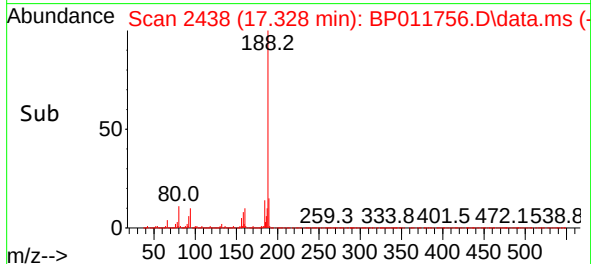
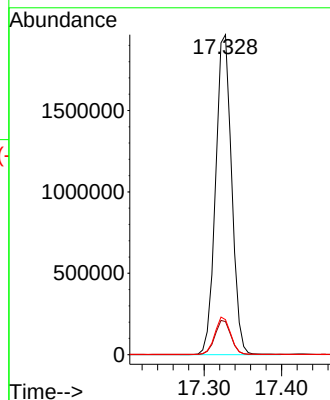
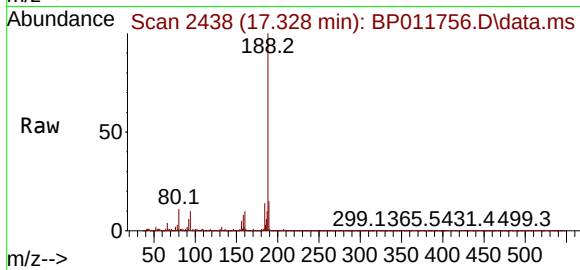
Tgt Ion:188 Resp: 2817645

Ion Ratio Lower Upper

188 100

94 10.4 6.6 10.0#

80 11.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.867 ng

RT: 15.681 min Scan# 2158

Delta R.T. -0.018 min

Lab File: BP011756.D

Acq: 20 Sep 2022 03:22

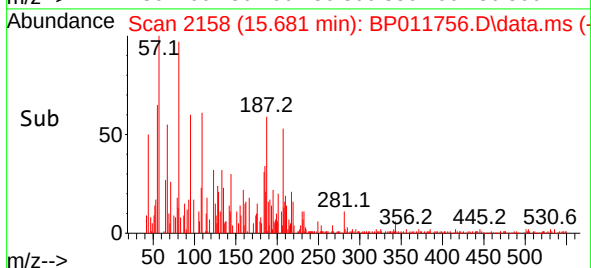
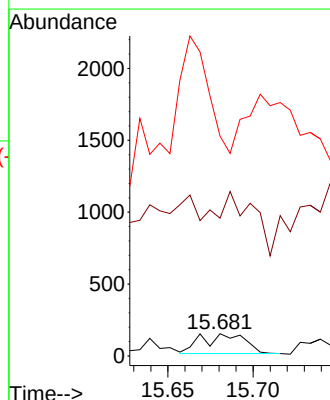
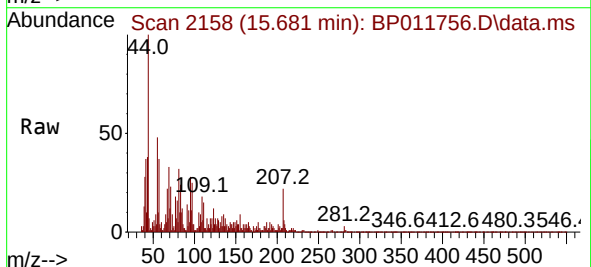
Tgt Ion:198 Resp: 241

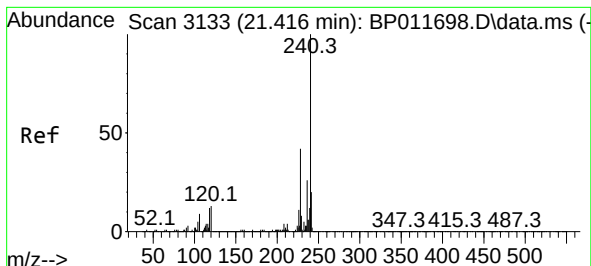
Ion Ratio Lower Upper

198 100

51 622.1 41.2 81.2#

105 992.9 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: BP011756.D

Acq: 20 Sep 2022 03:22

Instrument :

BNA_P

ClientSampleId :

WC-17-4-2

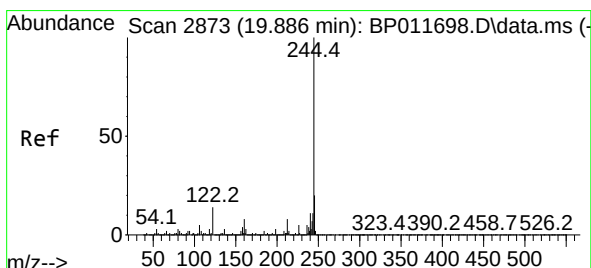
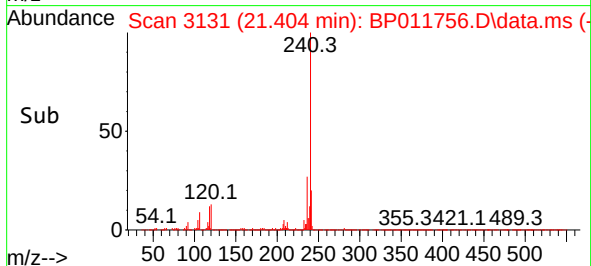
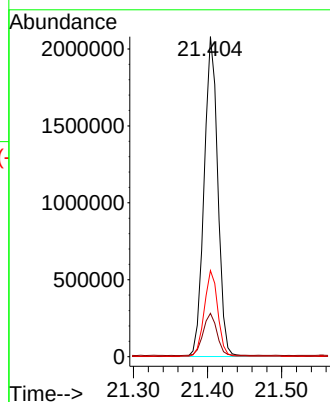
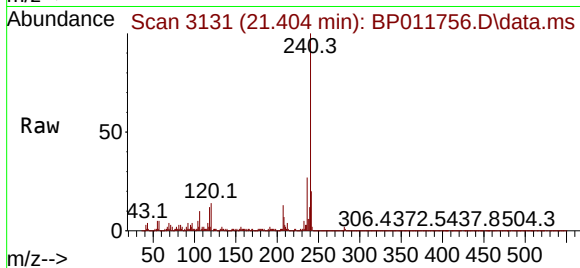
Tgt Ion:240 Resp: 2664194

Ion Ratio Lower Upper

240 100

120 13.6 8.6 12.8#

236 26.9 19.8 29.6



#79

Terphenyl-d14

Concen: 94.660 ng

RT: 19.880 min Scan# 2872

Delta R.T. 0.006 min

Lab File: BP011756.D

Acq: 20 Sep 2022 03:22

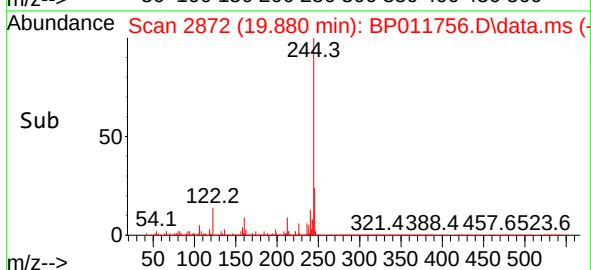
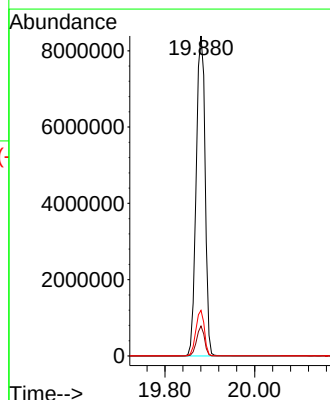
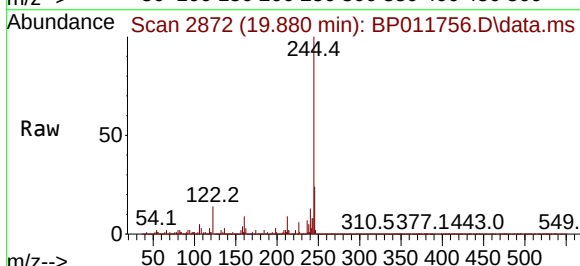
Tgt Ion:244 Resp:11597349

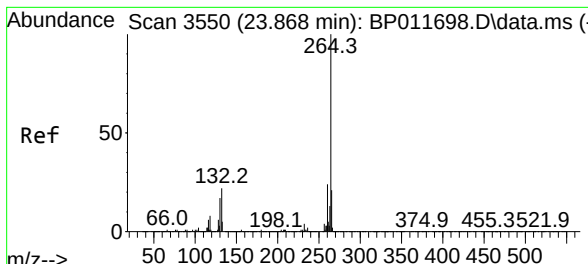
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 14.3 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: BP011756.D
 Acq: 20 Sep 2022 03:22

Instrument :
 BNA_P
 ClientSampleId :
 WC-17-4-2

Tgt Ion:264 Resp: 2545936
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 22.0 18.0 27.0

