

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010661.D
 Acq On : 01 Jun 2022 20:39
 Operator : CG/JU
 Sample : N3080-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Jun 02 10:06:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

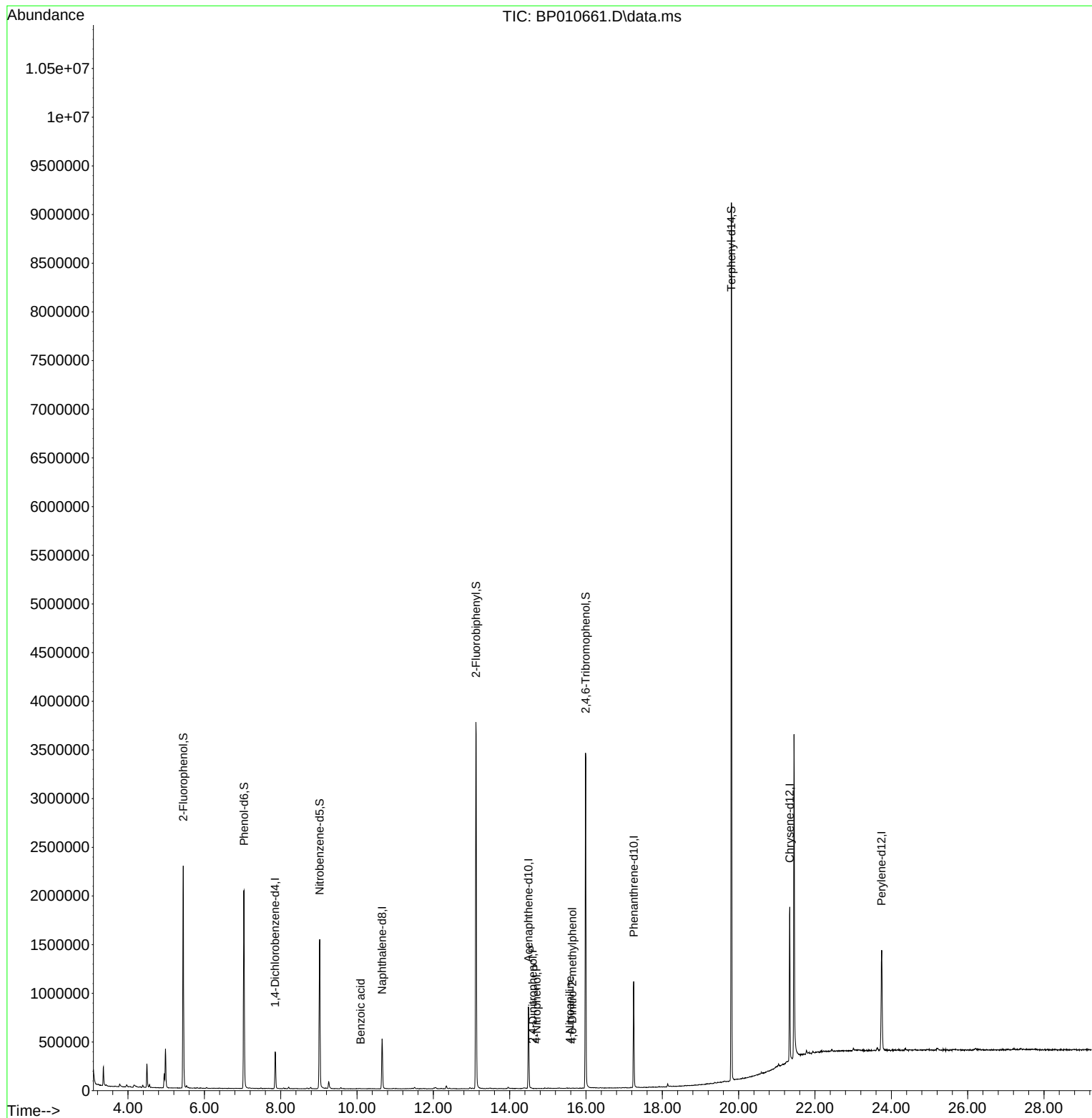
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	97931	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	418441	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	294545	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	668909	20.000	ng	0.00
76) Chrysene-d12	21.339	240	774115	20.000	ng	0.00
86) Perylene-d12	23.745	264	817500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	886026	165.053	ng	0.00
7) Phenol-d6	7.040	99	1119836	146.943	ng	0.00
23) Nitrobenzene-d5	9.022	82	894291	101.043	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	621682	186.461	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1943975	93.669	ng	-0.01
79) Terphenyl-d14	19.809	244	4054057	98.367	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.092	122	138	7.354	ng	98
54) 2,4-Dinitrophenol	14.604	184	26	6.654	ng	# 1
56) 4-Nitrophenol	14.704	139	69	3.615	ng	# 36
62) 4-Nitroaniline	15.580	138	36	2.140	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.639	198	8	4.604	ng	# 1

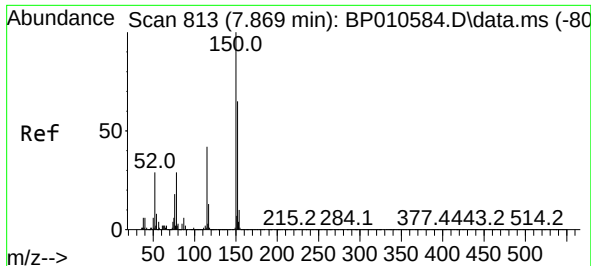
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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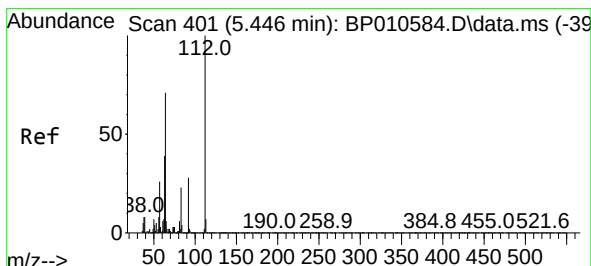
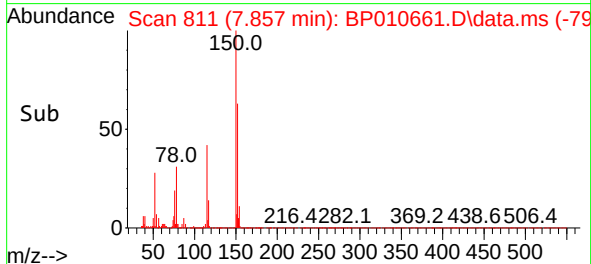
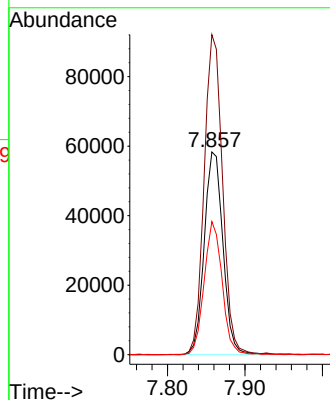
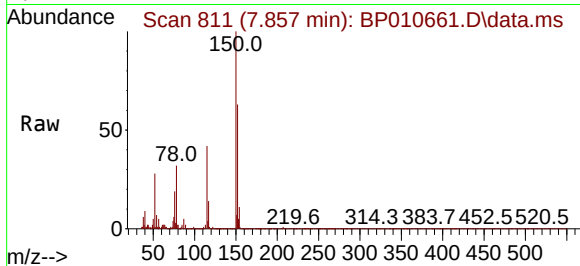




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

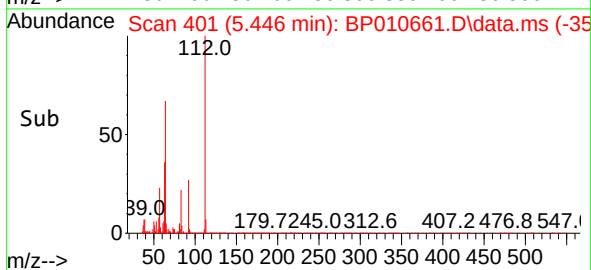
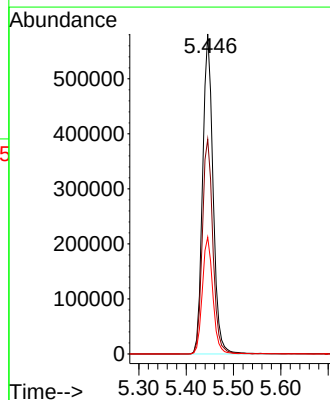
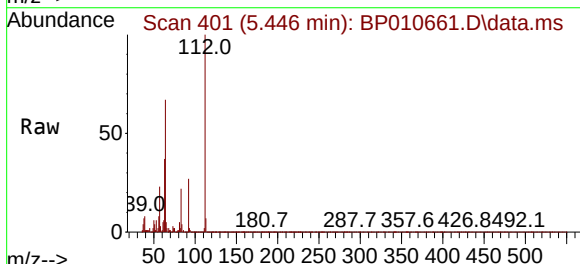
Instrument :
BNA_P
ClientSampleId :
WC-4

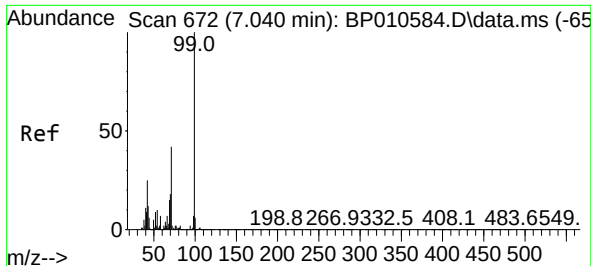
Tgt Ion:152 Resp: 97931
Ion Ratio Lower Upper
152 100
150 157.8 123.4 185.2
115 65.7 51.3 76.9



#5
2-Fluorophenol
Concen: 165.053 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

Tgt Ion:112 Resp: 886026
Ion Ratio Lower Upper
112 100
64 67.1 56.9 85.3
63 36.5 31.2 46.8

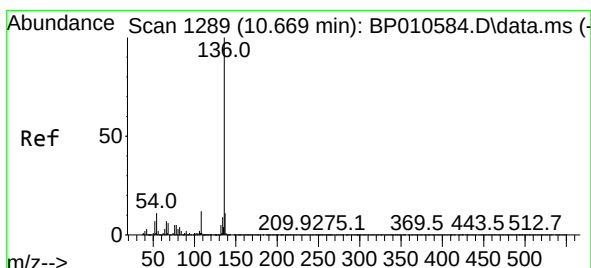
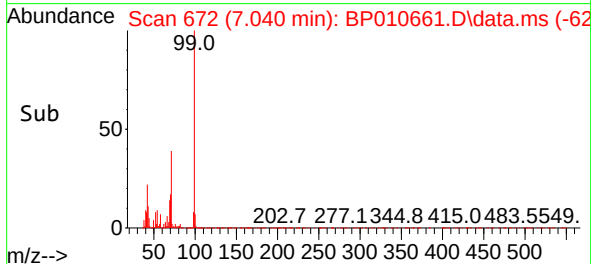
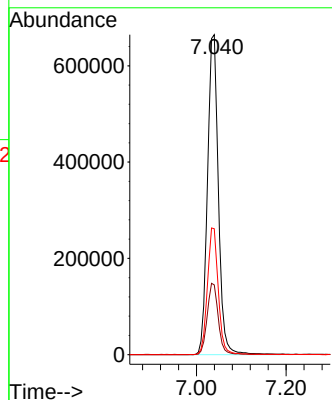
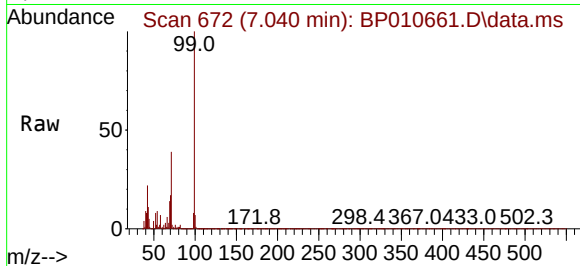




#7
Phenol-d6
Concen: 146.943 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

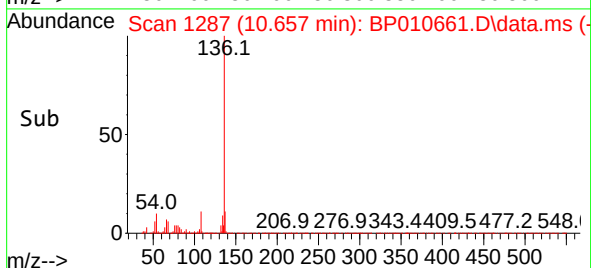
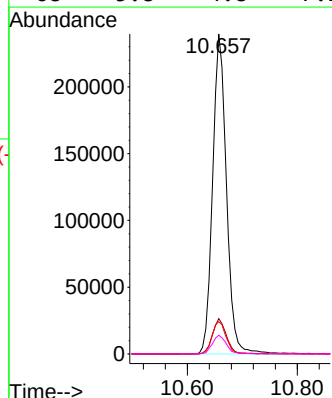
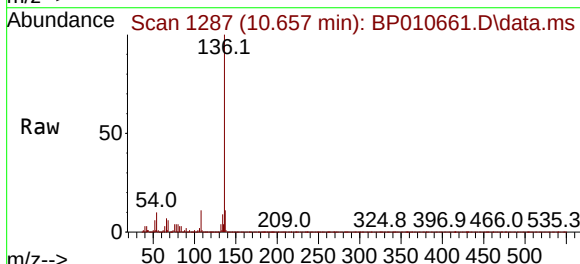
Instrument :
BNA_P
ClientSampleId :
WC-4

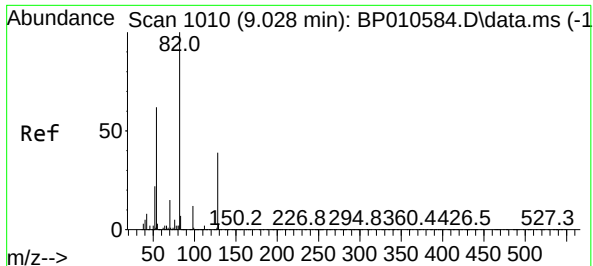
Tgt Ion: 99 Resp: 1119836
Ion Ratio Lower Upper
99 100
42 21.8 20.3 30.5
71 39.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

Tgt Ion:136 Resp: 418441
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.1 8.7 13.1
68 5.8 4.8 7.2

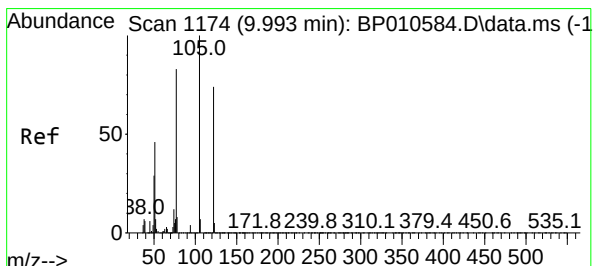
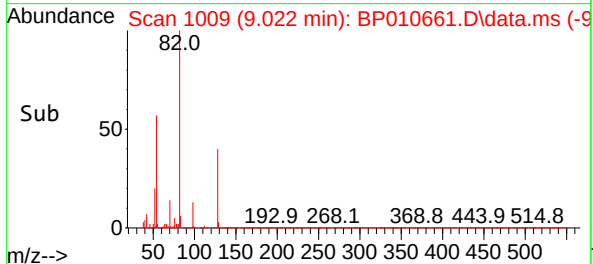
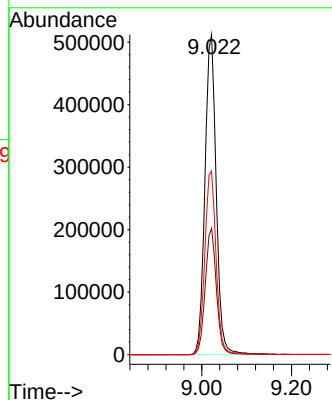
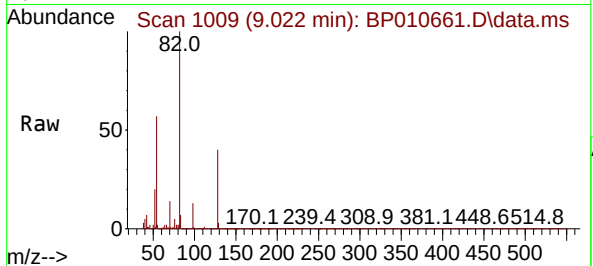




#23
Nitrobenzene-d5
Concen: 101.043 ng
RT: 9.022 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

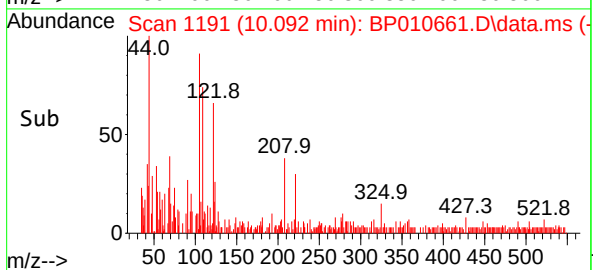
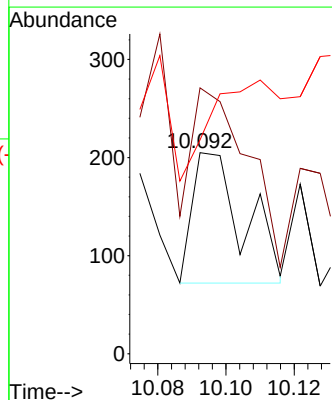
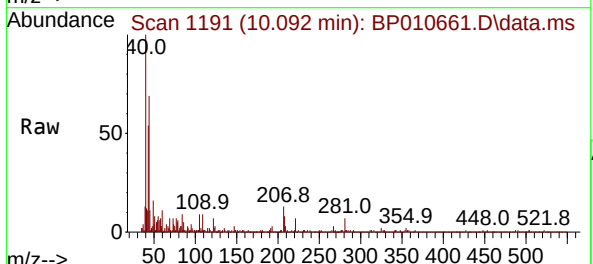
Instrument :
BNA_P
ClientSampleId :
WC-4

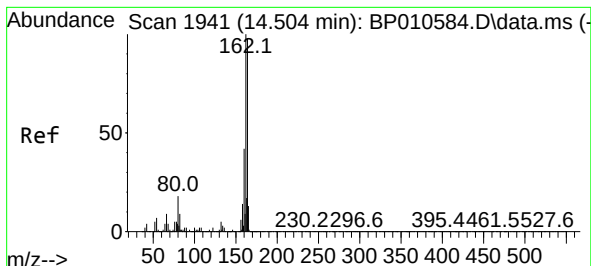
Tgt Ion: 82 Resp: 894291
Ion Ratio Lower Upper
82 100
128 39.5 31.3 46.9
54 57.4 49.8 74.8



#32
Benzoic acid
Concen: 7.354 ng
RT: 10.092 min Scan# 1191
Delta R.T. 0.099 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 122 Resp: 138
Ion Ratio Lower Upper
122 100
105 132.2 112.6 152.6
77 106.3 90.2 130.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

Delta R.T. -0.012 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

Instrument :

BNA_P

ClientSampleId :

WC-4

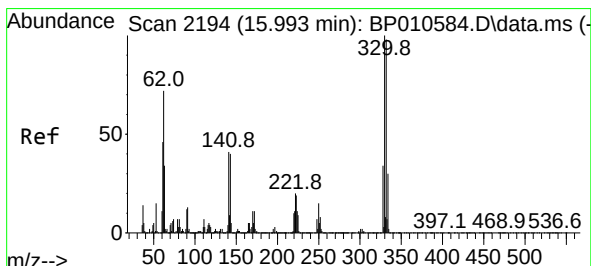
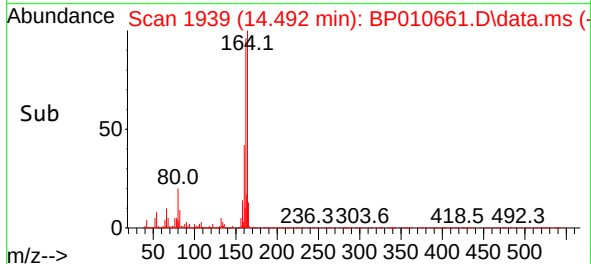
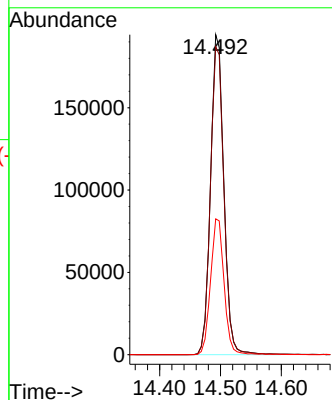
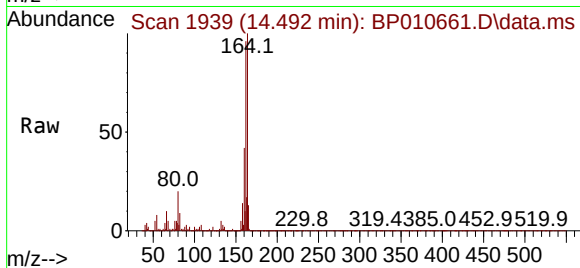
Tgt Ion:164 Resp: 294545

Ion Ratio Lower Upper

164 100

162 96.2 81.9 122.9

160 42.5 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 186.461 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.001 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

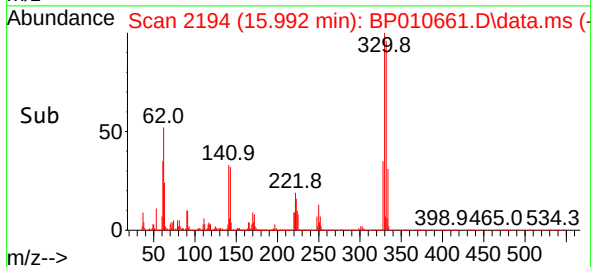
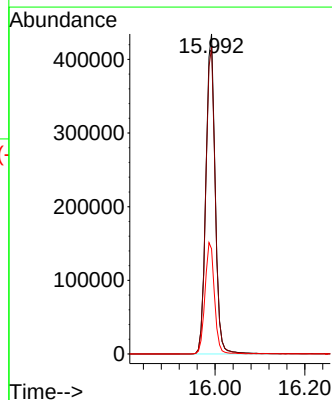
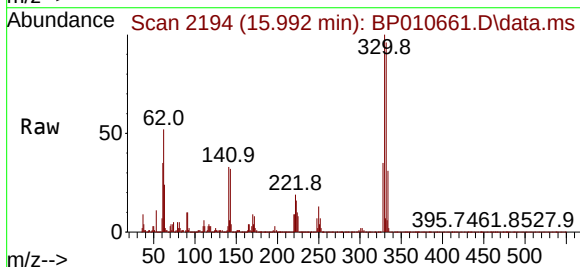
Tgt Ion:330 Resp: 621682

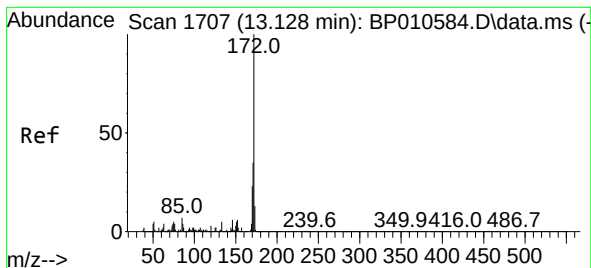
Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 35.7 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 93.669 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

Instrument :

BNA_P

ClientSampleId :

WC-4

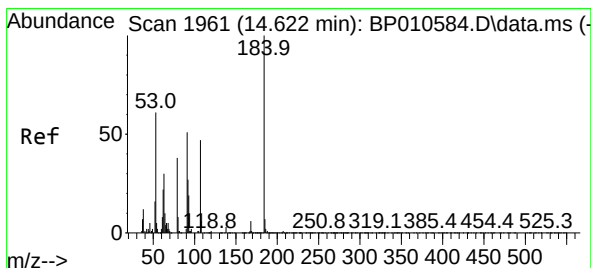
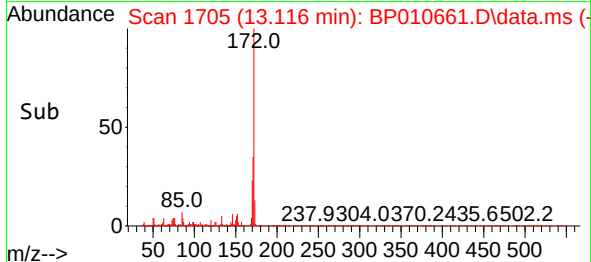
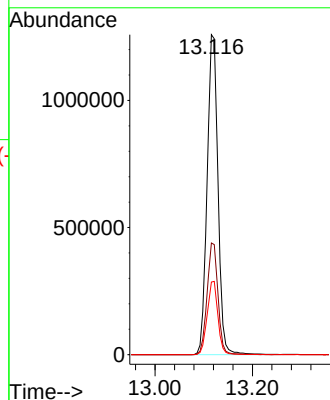
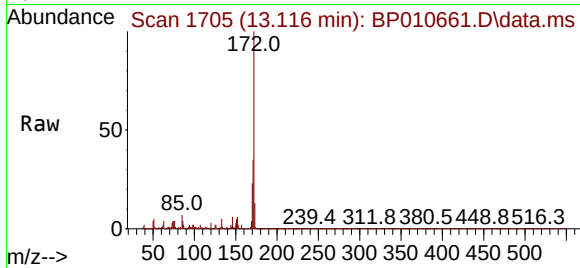
Tgt Ion:172 Resp: 1943975

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.654 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.018 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

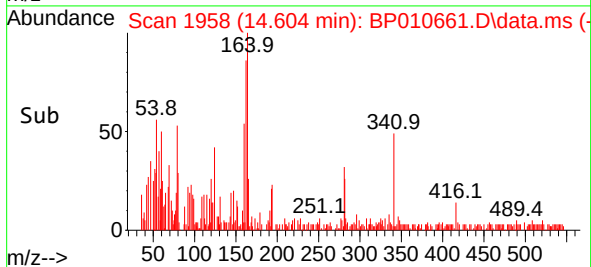
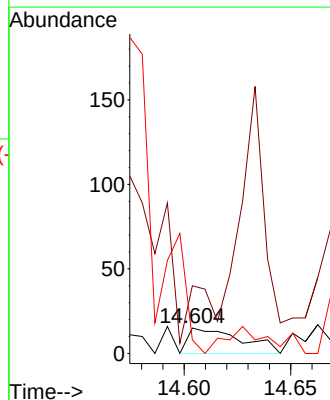
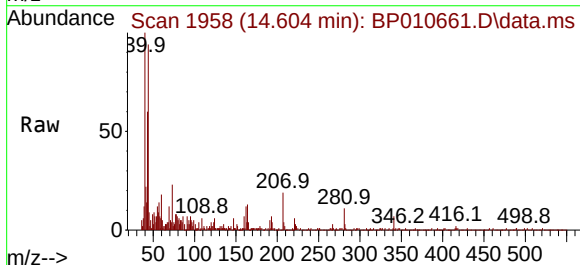
Tgt Ion:184 Resp: 26

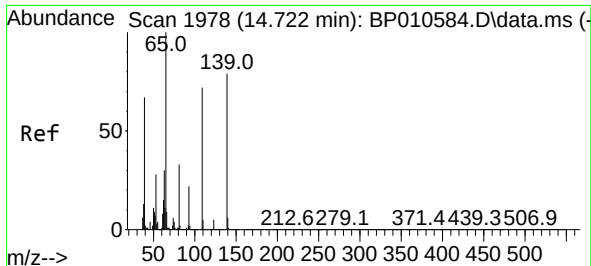
Ion Ratio Lower Upper

184 100

63 266.7 65.4 98.2#

154 53.3 55.4 83.2#

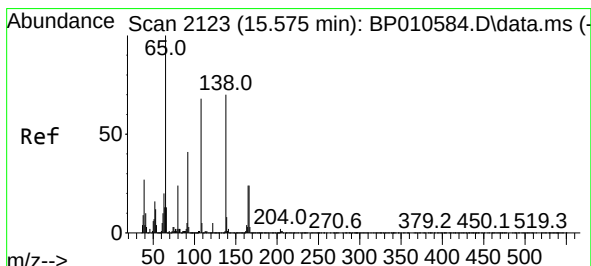
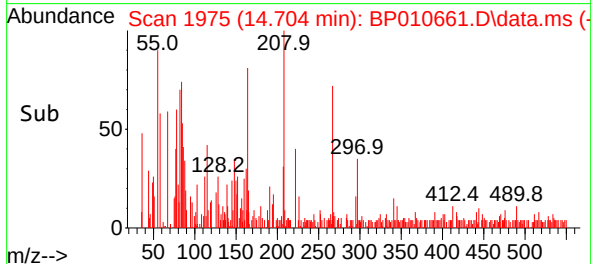
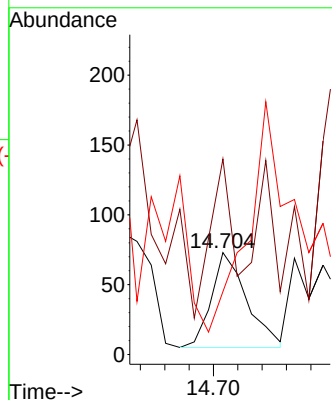
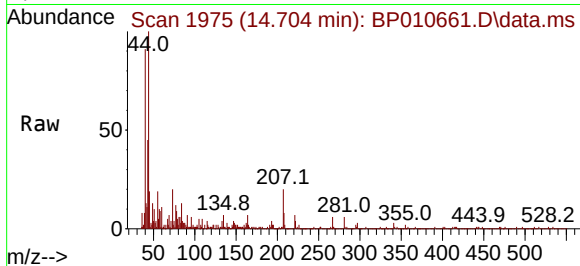




#56
4-Nitrophenol
Concen: 3.615 ng
RT: 14.704 min Scan# 1978
Delta R.T. -0.018 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

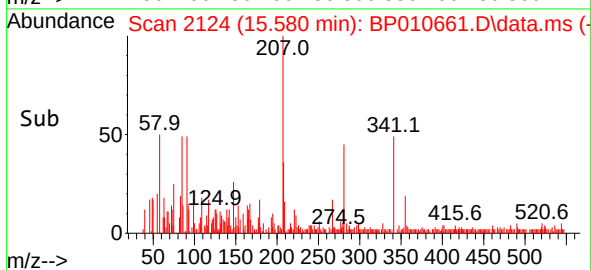
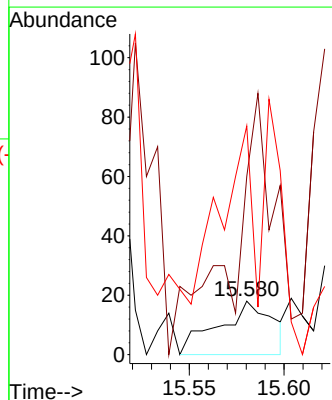
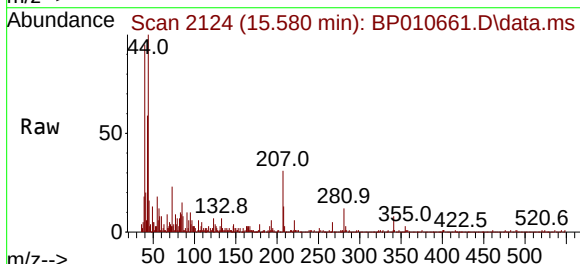
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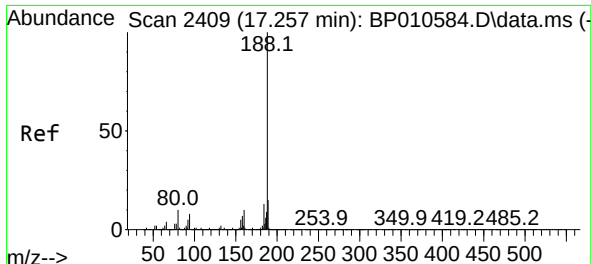
Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 142.9 70.6 110.6#
65 45.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.140 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

Tgt Ion:138 Resp: 36
Ion Ratio Lower Upper
138 100
92 333.3 38.0 78.0#
108 427.8 77.6 117.6#

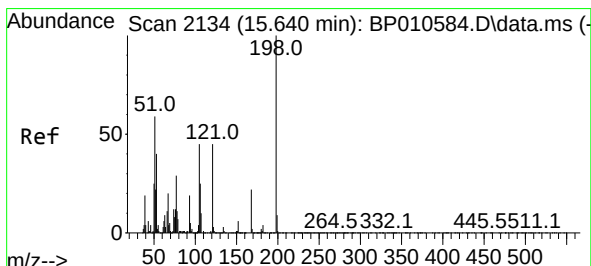
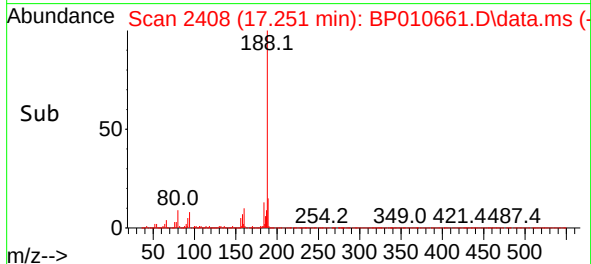
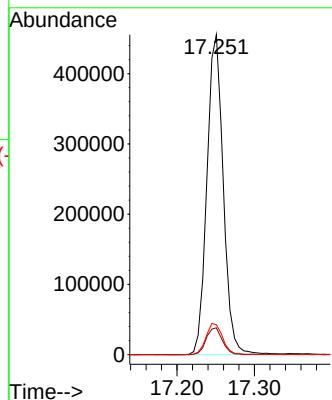
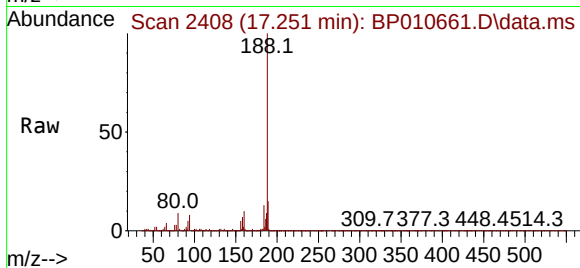




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

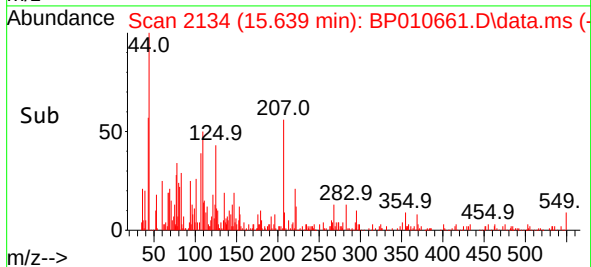
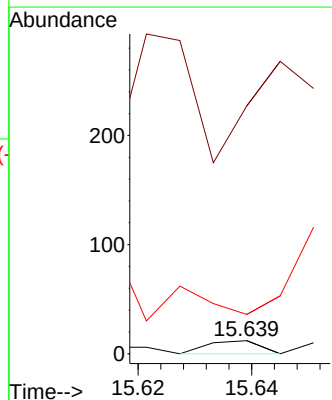
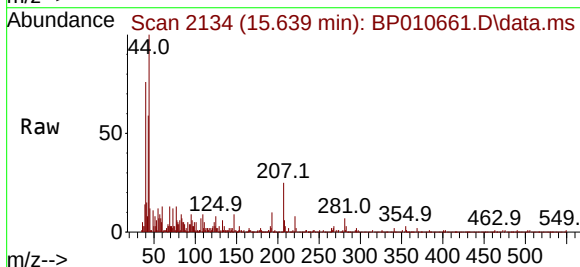
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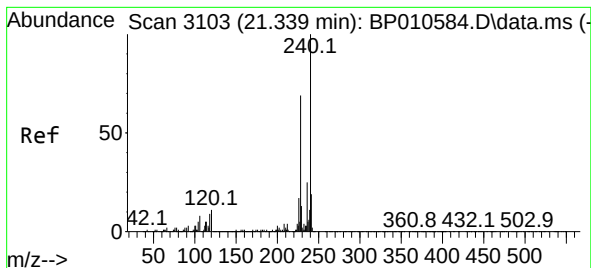
Tgt Ion:188 Resp: 668909
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BP010661.D
Acq: 01 Jun 2022 20:39

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 1891.7 41.2 81.2#
105 300.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

Instrument :

BNA_P

ClientSampleId :

WC-4

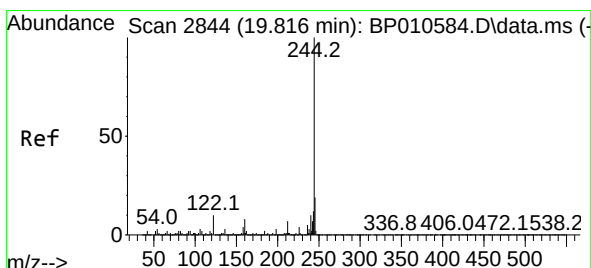
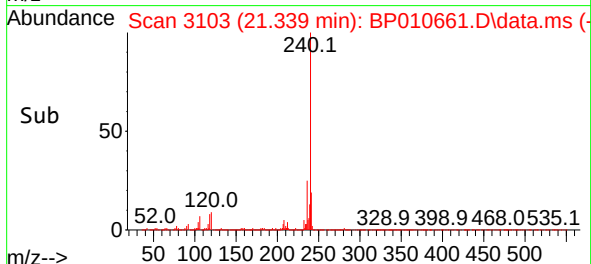
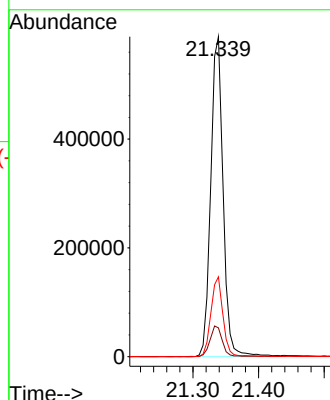
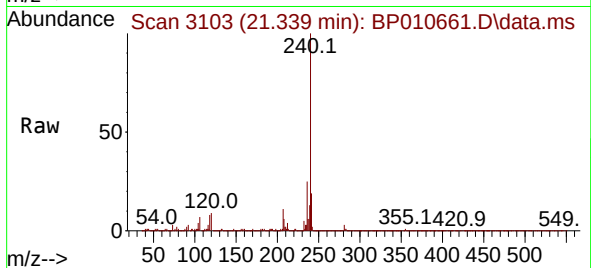
Tgt Ion:240 Resp: 774115

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.0 19.8 29.6



#79

Terphenyl-d14

Concen: 98.367 ng

RT: 19.809 min Scan# 2843

Delta R.T. -0.007 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

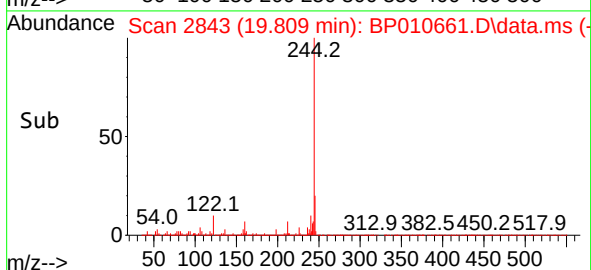
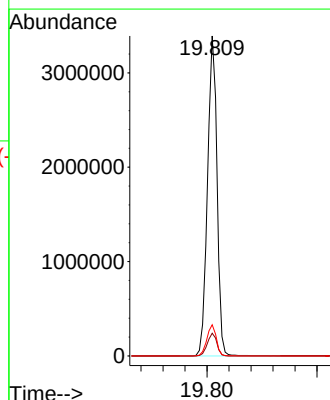
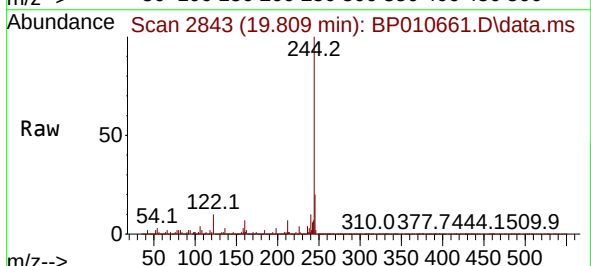
Tgt Ion:244 Resp: 4054057

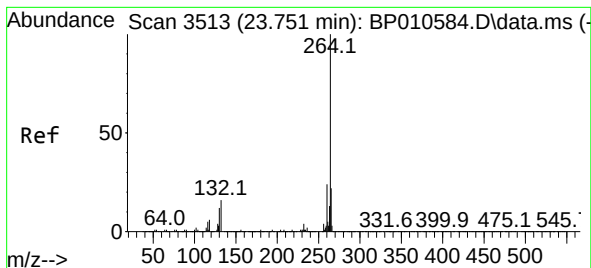
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP010661.D

Acq: 01 Jun 2022 20:39

Instrument :

BNA_P

ClientSampleId :

WC-4

Tgt Ion:264 Resp: 817500

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 23.0 18.0 27.0

