

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020563.D
 Acq On : 07 Jun 2024 16:59
 Operator : MA/JU
 Sample : P2715-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPM

Quant Time: Jun 08 00:09:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

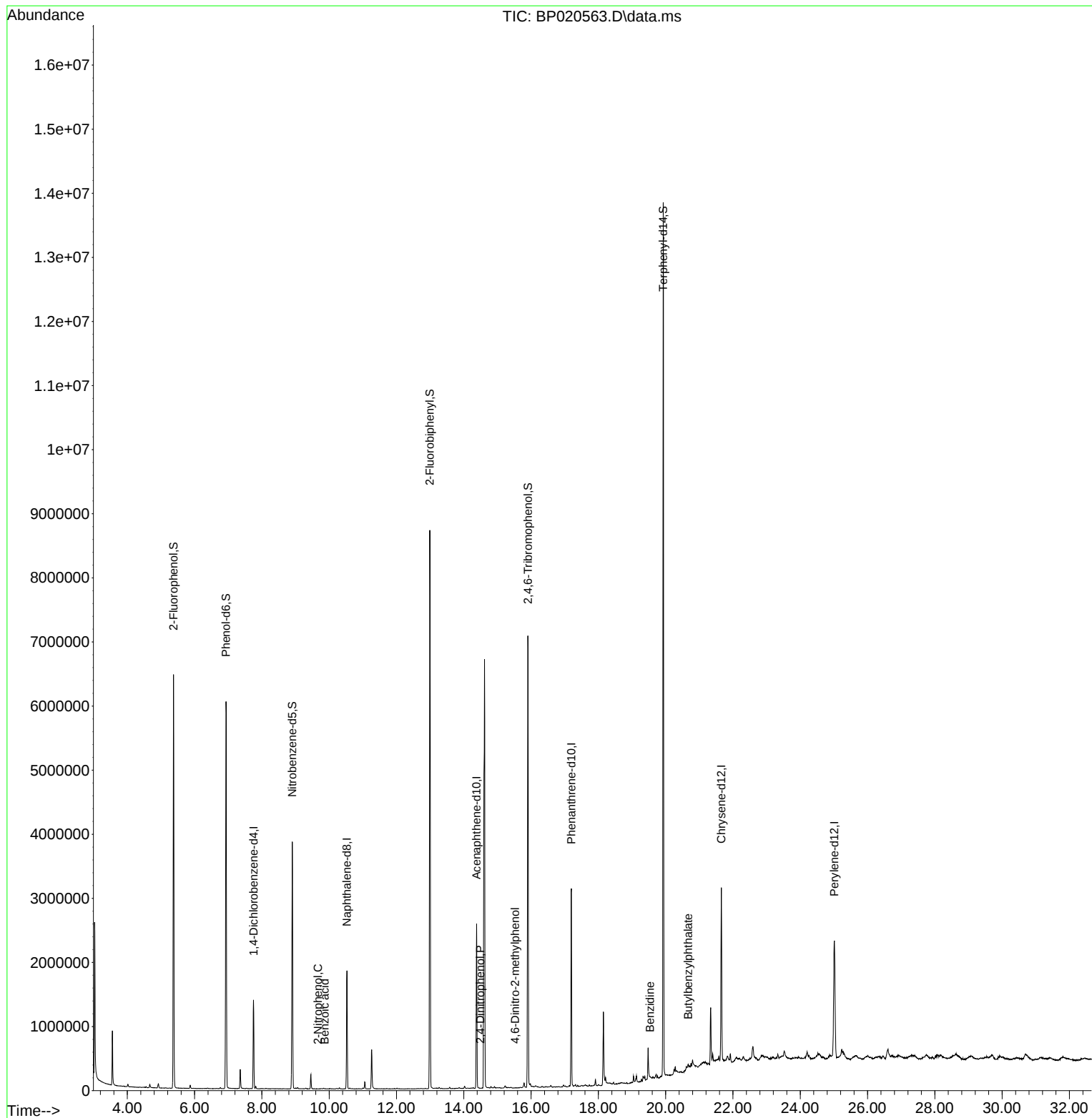
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	381205	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	1470110	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	915907	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1846097	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1737321	20.000	ng	-0.01
86) Perylene-d12	25.015	264	2066897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2835912	133.198	ng	0.00
7) Phenol-d6	6.934	99	3580658	119.253	ng	0.00
23) Nitrobenzene-d5	8.904	82	2233412	83.162	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	1557666	163.873	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	4744273	77.218	ng	-0.01
79) Terphenyl-d14	19.927	244	7172223	68.725	ng	-0.02
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.669	139	73	3.797	ng	# 1
32) Benzoic acid	9.863	122	221	6.861	ng	# 1
54) 2,4-Dinitrophenol	14.492	184	67	4.988	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	37	7.657	ng	# 1
77) Benzidine	19.539	184	120	5.972	ng	# 1
80) Butylbenzylphthalate	20.668	149	13259	2.670	ng	# 94

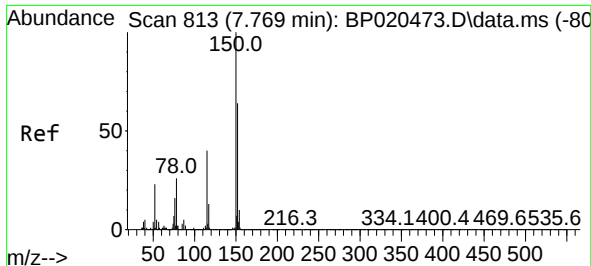
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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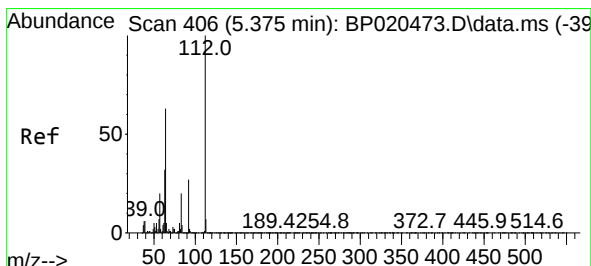
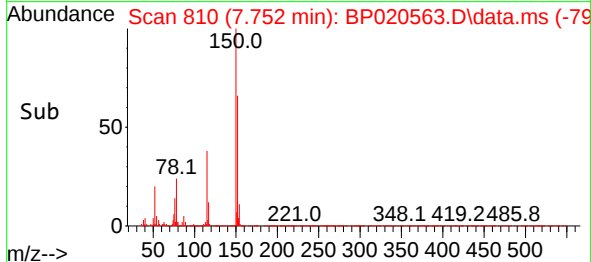
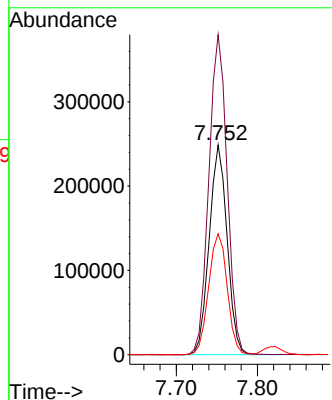
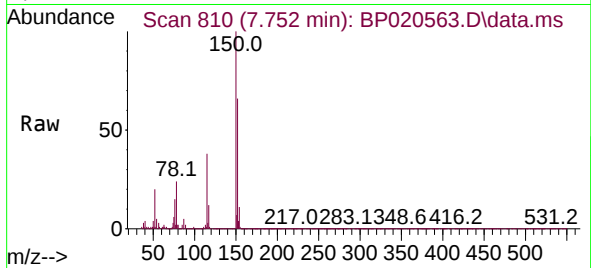




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.018 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

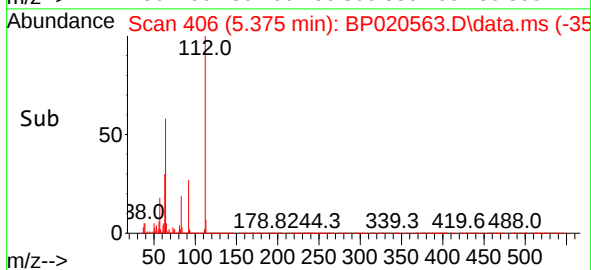
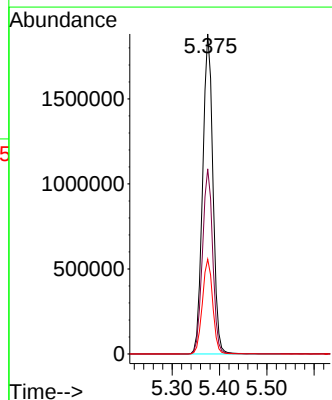
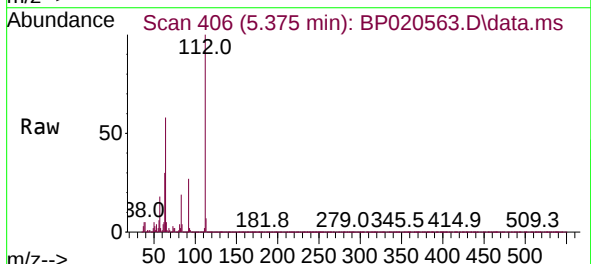
Instrument :
BNA_P
ClientSampleId :
WCS-TPM

Tgt Ion:152 Resp: 381205
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 57.6 49.5 74.3



#5
2-Fluorophenol
Concen: 133.198 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Tgt Ion:112 Resp: 2835912
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.6 25.7 38.5



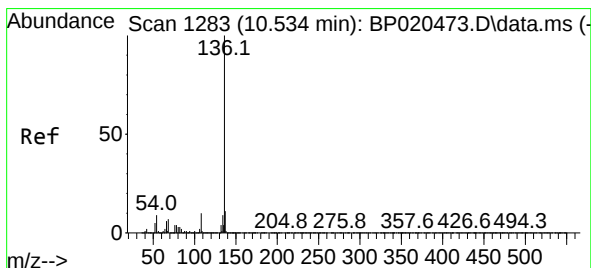
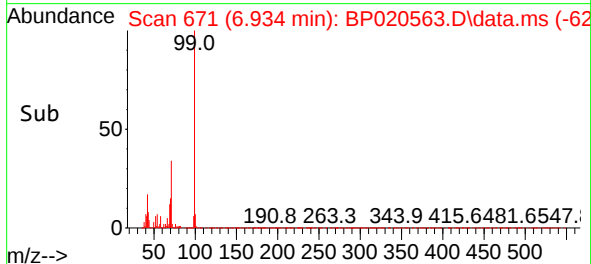
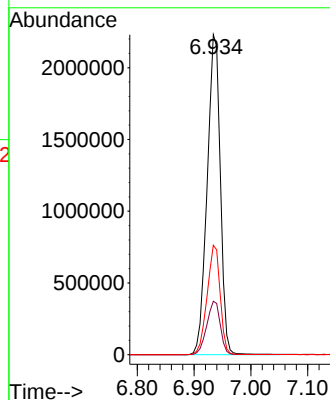
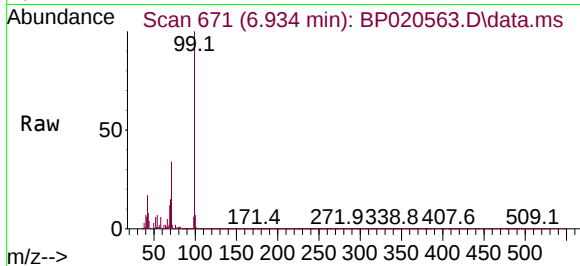


#7
Phenol-d6
Concen: 119.253 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Instrument :
BNA_P
ClientSampleId :
WCS-TPM

Tgt Ion: 99 Resp: 3580658

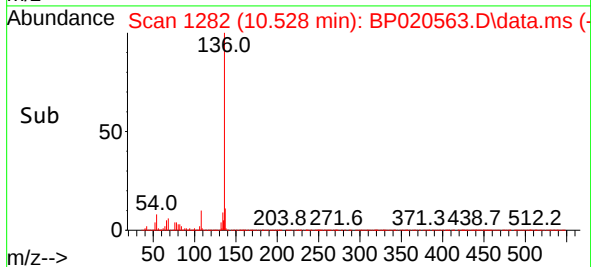
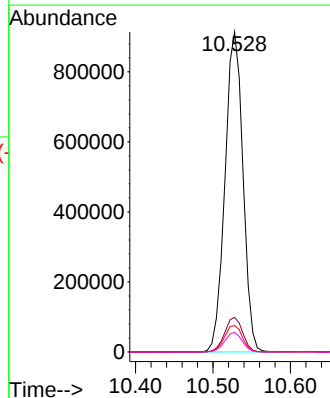
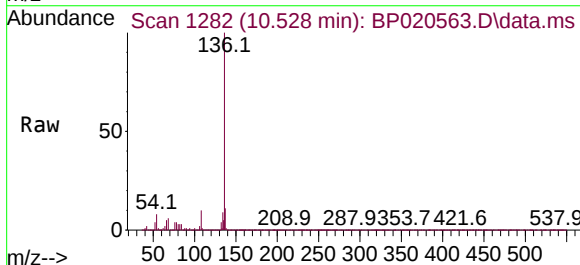
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	34.2	27.3	40.9

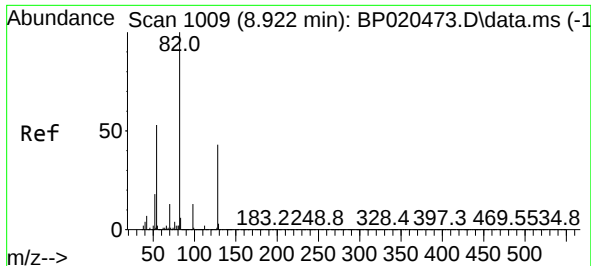


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Tgt Ion: 136 Resp: 1470110

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.3	7.4	11.0
68	6.1	5.2	7.8

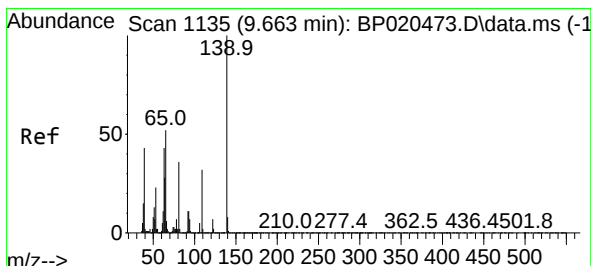
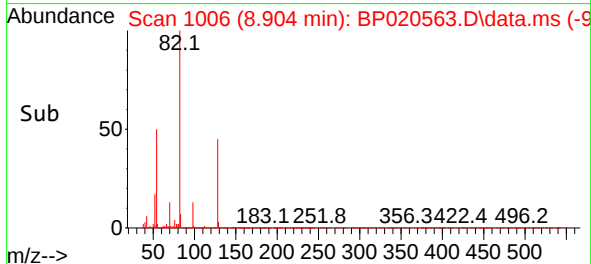
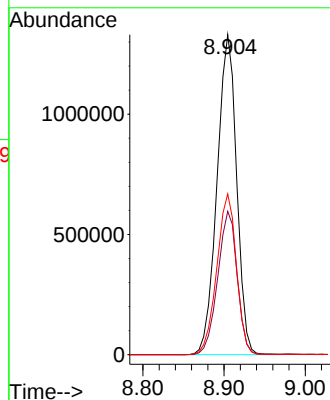
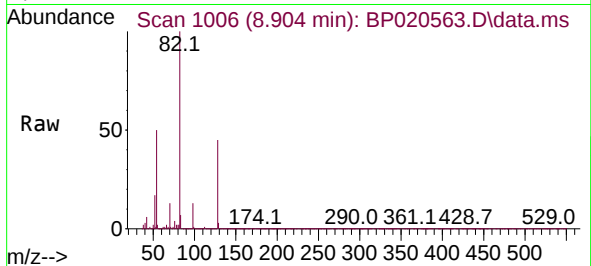




#23
Nitrobenzene-d5
Concen: 83.162 ng
RT: 8.904 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

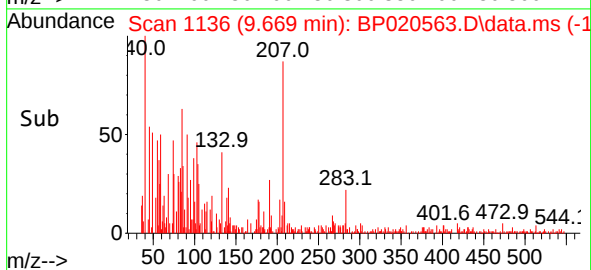
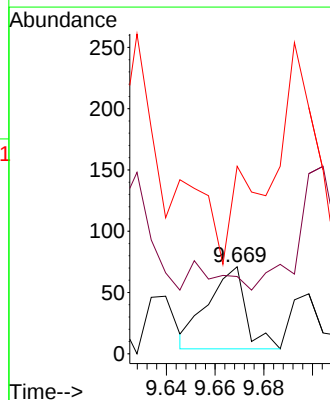
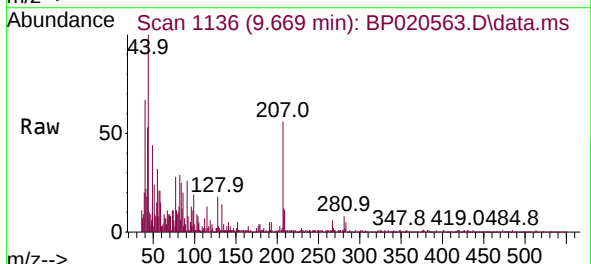
Instrument :
BNA_P
ClientSampleId :
WCS-TPM

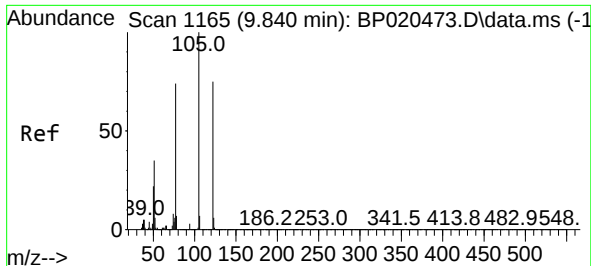
Tgt Ion: 82 Resp: 2233412
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 50.3 42.7 64.1



#26
2-Nitrophenol
Concen: 3.797 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 88.7 25.8 38.8#
65 215.5 41.8 62.8#

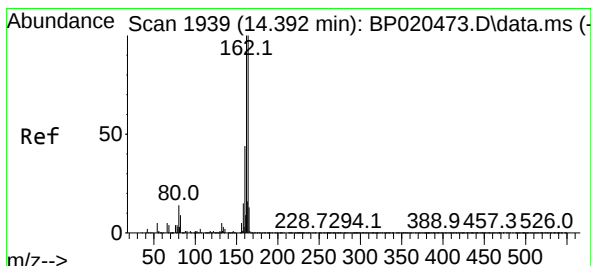
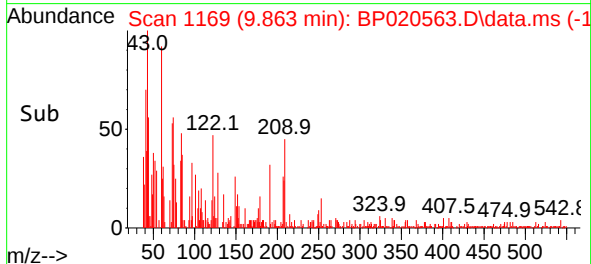
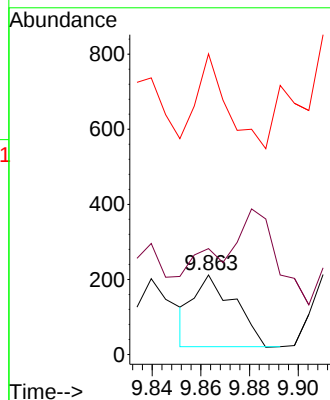
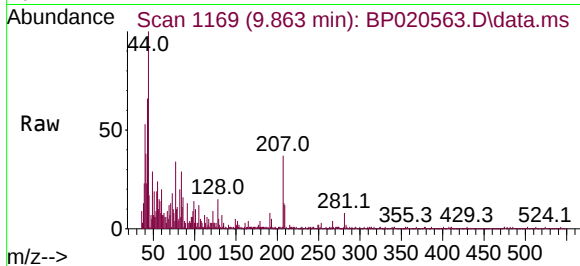




#32
Benzoic acid
Concen: 6.861 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

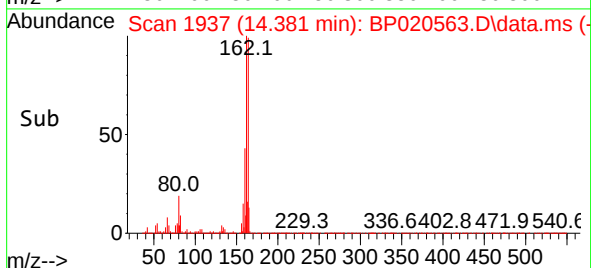
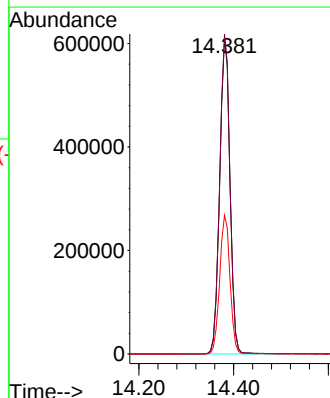
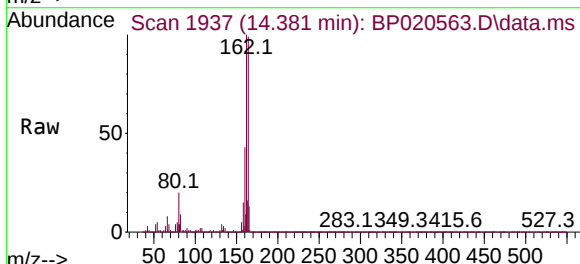
Instrument :
BNA_P
ClientSampleId :
WCS-TPM

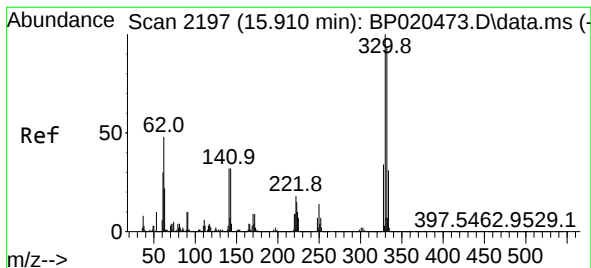
Tgt Ion:122 Resp: 221
Ion Ratio Lower Upper
122 100
105 133.0 107.5 147.5
77 377.8 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Tgt Ion:164 Resp: 915907
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 43.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 163.873 ng

RT: 15.910 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPM

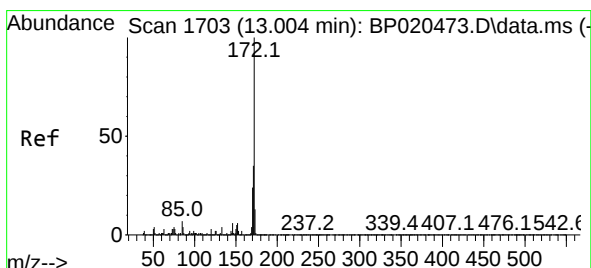
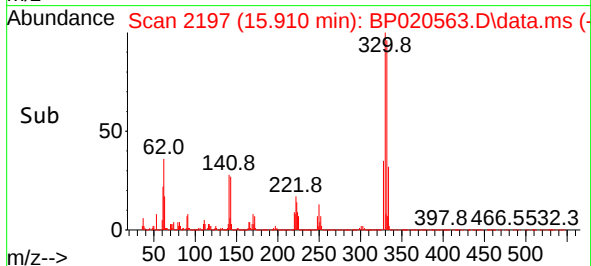
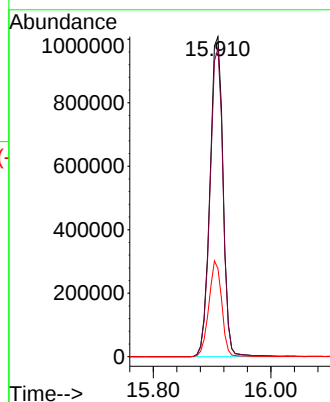
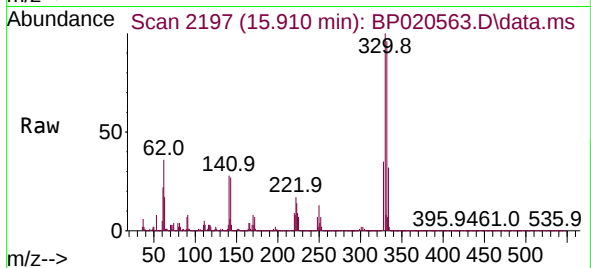
Tgt Ion:330 Resp: 1557666

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

141 29.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 77.218 ng

RT: 12.992 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

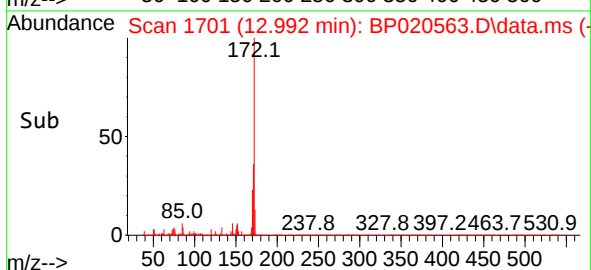
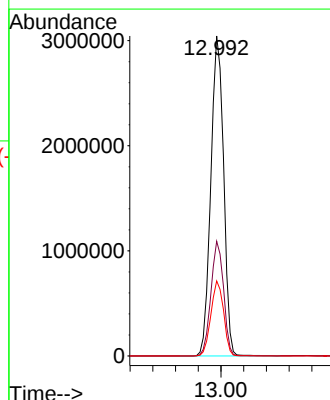
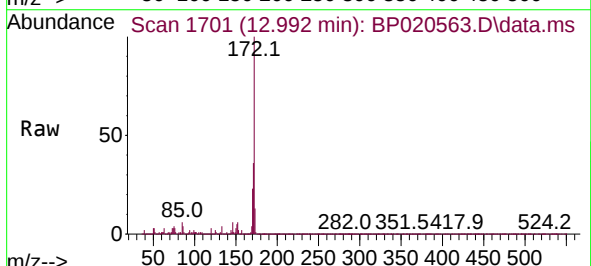
Tgt Ion:172 Resp: 4744273

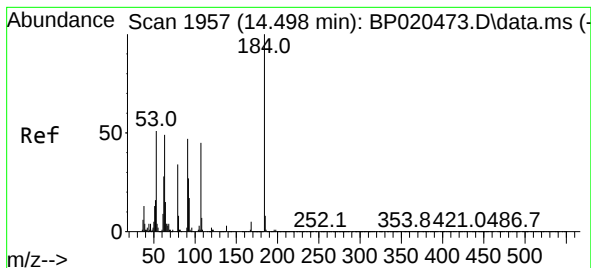
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.4 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.988 ng

RT: 14.492 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPM

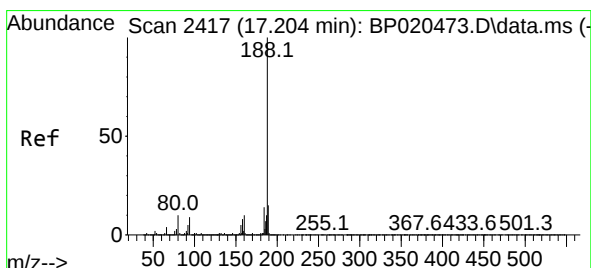
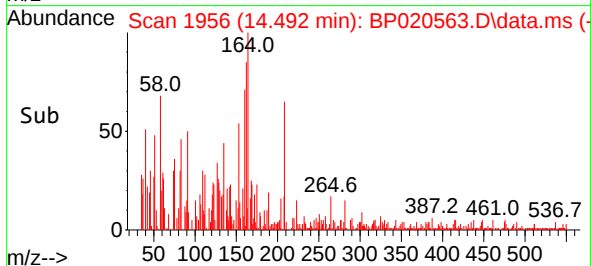
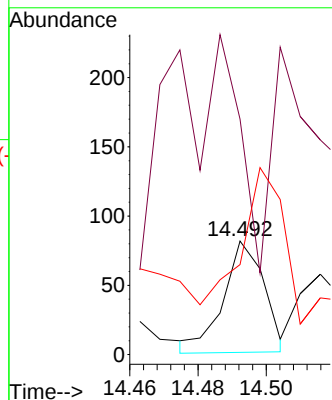
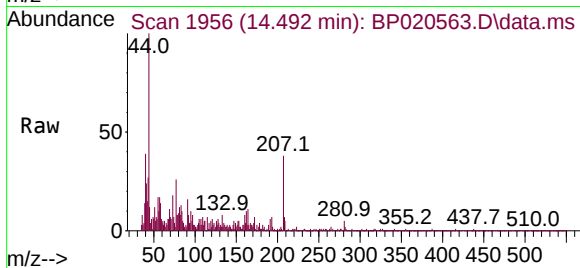
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 207.3 54.2 81.4#

154 79.3 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

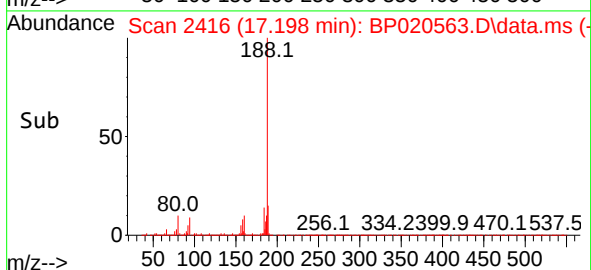
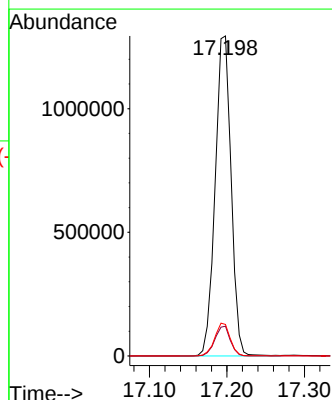
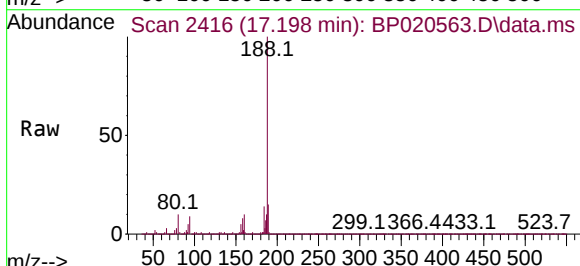
Tgt Ion:188 Resp: 1846097

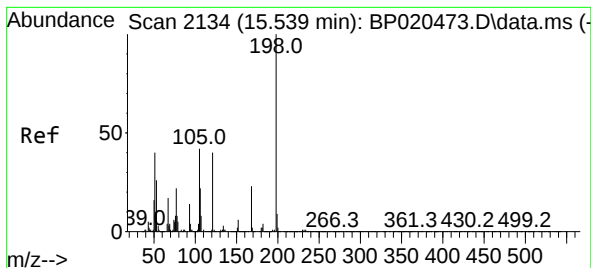
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.8 8.1 12.1

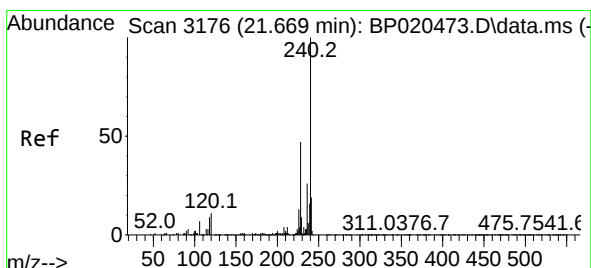
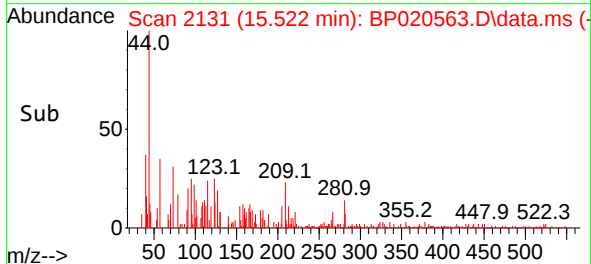
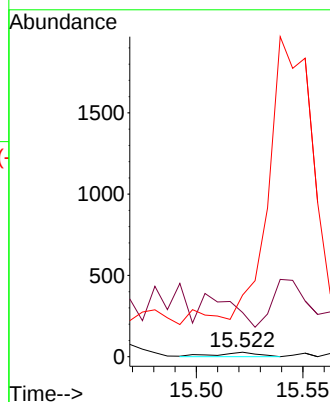
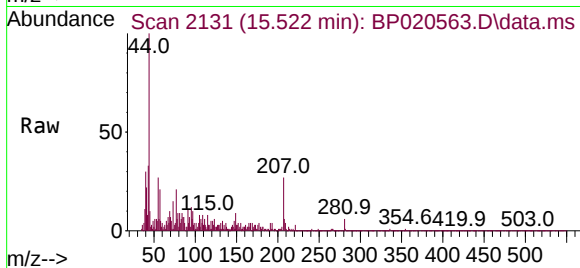




#65
4,6-Dinitro-2-methylphenol
Concen: 7.657 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

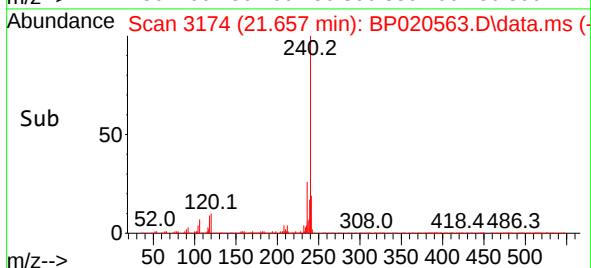
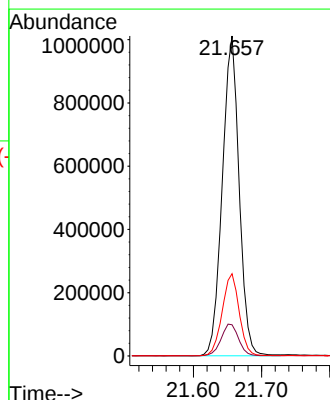
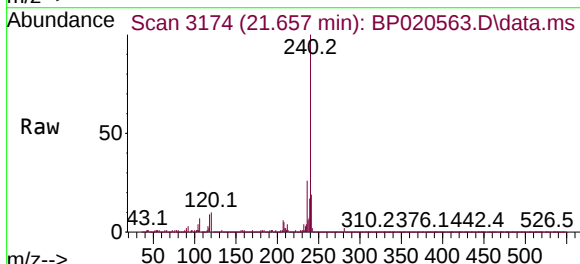
Instrument :
BNA_P
ClientSampleId :
WCS-TPM

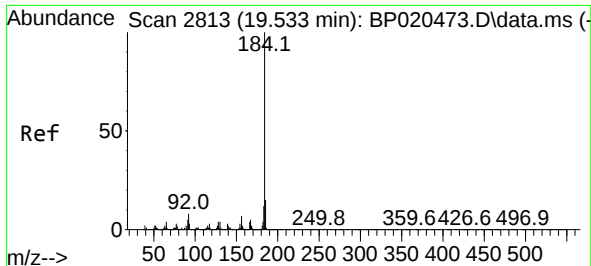
Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
51 971.4 24.8 64.8#
105 1353.6 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP020563.D
Acq: 07 Jun 2024 16:59

Tgt Ion:240 Resp: 1737321
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 25.7 20.5 30.7





#77

Benzidine

Concen: 5.972 ng

RT: 19.539 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPM

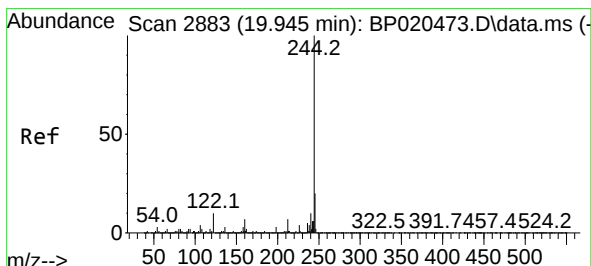
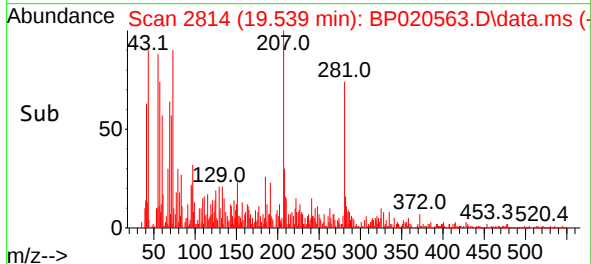
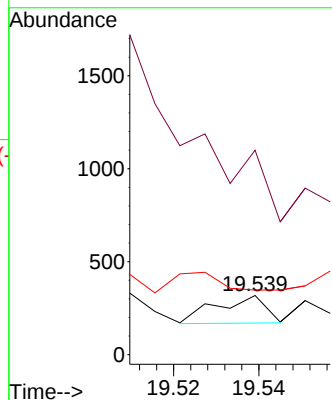
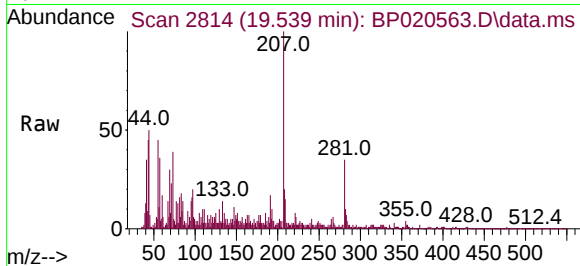
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

185 345.9 12.0 18.0#

183 109.1 9.4 14.0#



#79

Terphenyl-d14

Concen: 68.725 ng

RT: 19.927 min Scan# 2880

Delta R.T. -0.018 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

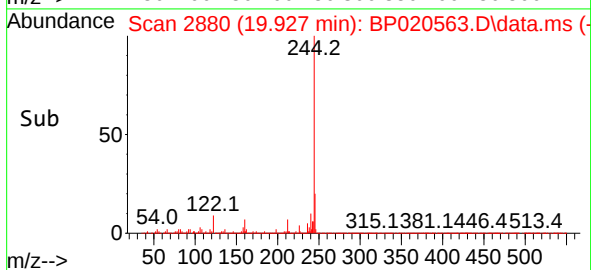
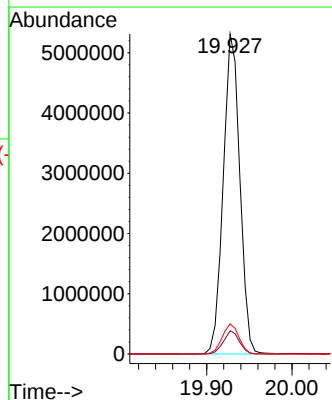
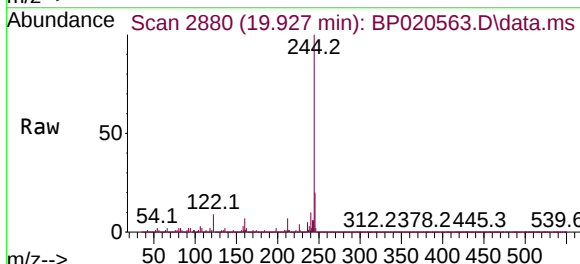
Tgt Ion:244 Resp: 7172223

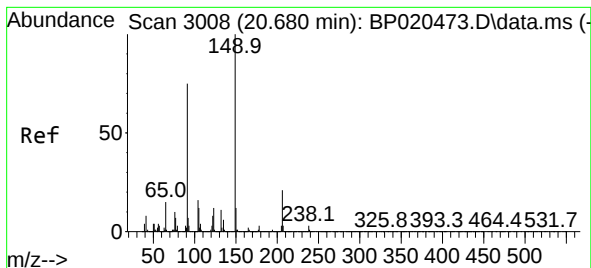
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.4 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.670 ng

RT: 20.668 min Scan# 3008

Delta R.T. -0.012 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPM

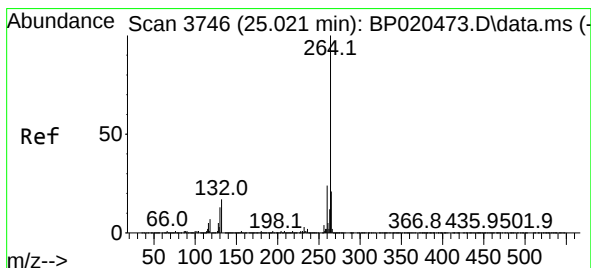
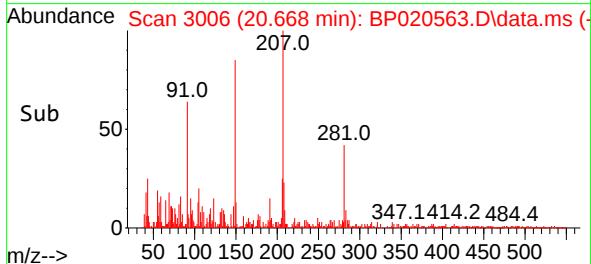
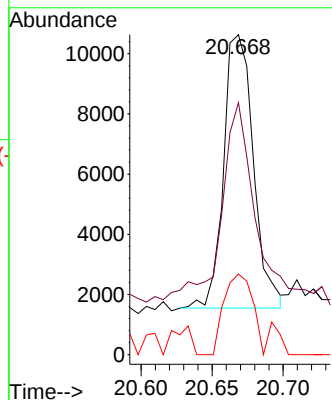
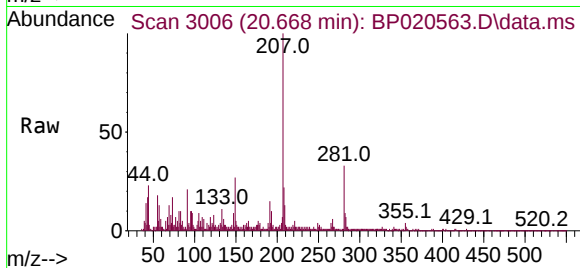
Tgt Ion:149 Resp: 13259

Ion Ratio Lower Upper

149 100

91 78.8 60.0 90.0

206 25.2 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020563.D

Acq: 07 Jun 2024 16:59

Tgt Ion:264 Resp: 2066897

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 17.4 26.0

