

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
 Data File : BP020579.D
 Acq On : 10 Jun 2024 16:11
 Operator : MA/JU
 Sample : P2740-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPB

Quant Time: Jun 10 16:41:40 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)

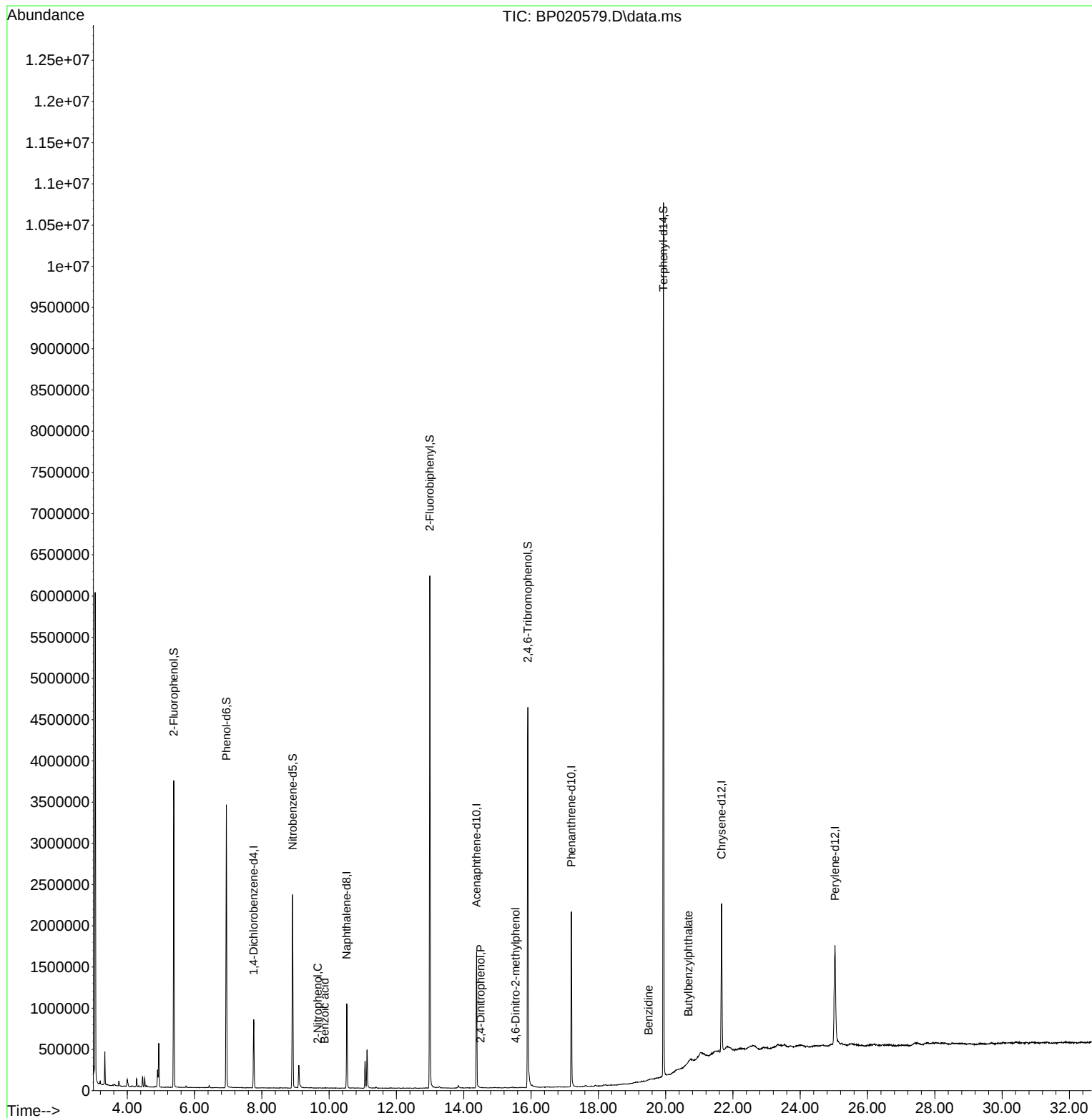
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	231241	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	882279	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	582276	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1277344	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1279036	20.000	ng	0.00
86) Perylene-d12	25.033	264	1457569	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1616487	125.161	ng	0.00
7) Phenol-d6	6.946	99	1894141	103.995	ng	0.01
23) Nitrobenzene-d5	8.916	82	1407291	87.314	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1030706	170.565	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3221640	82.480	ng	-0.01
79) Terphenyl-d14	19.933	244	6045394	78.684	ng	-0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.663	139	469	3.858	ng	# 34
32) Benzoic acid	9.869	122	835	6.928	ng	# 14
54) 2,4-Dinitrophenol	14.498	184	30	4.984	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.540	198	35	7.659	ng	# 1
77) Benzidine	19.492	184	198	5.974	ng	# 1
80) Butylbenzylphthalate	20.675	149	3542	2.518	ng	# 88

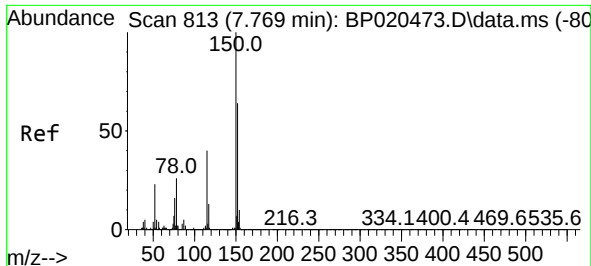
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

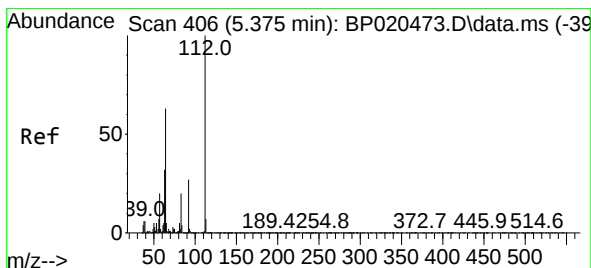
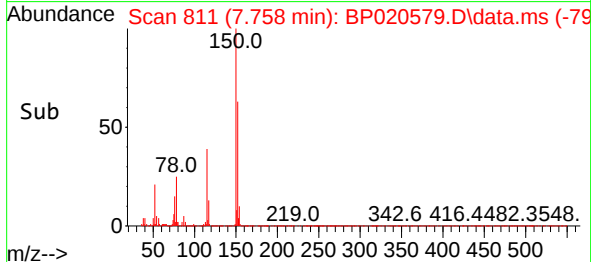
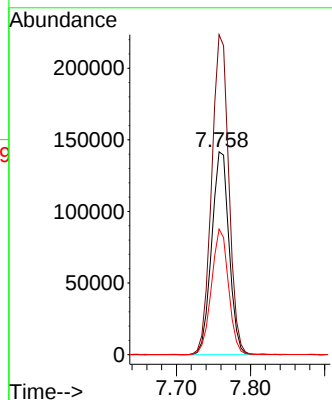
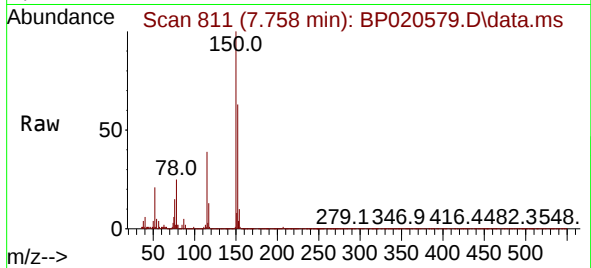




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

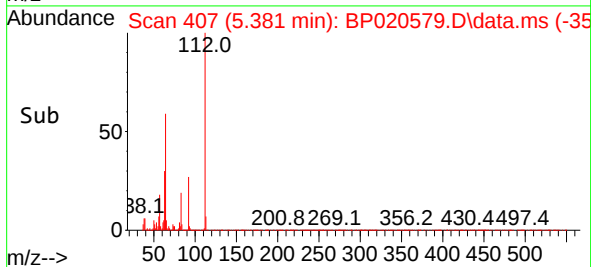
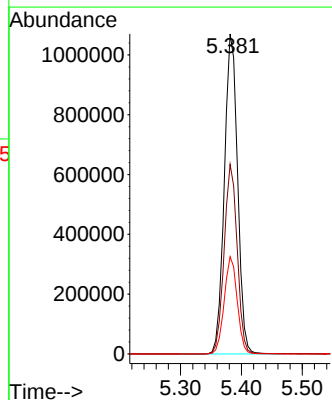
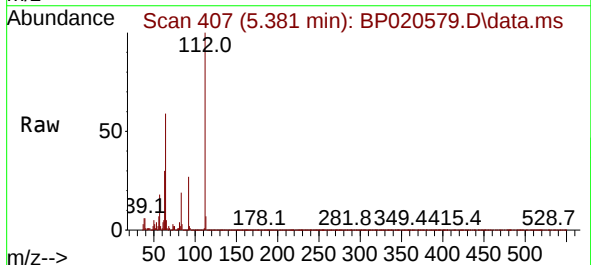
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

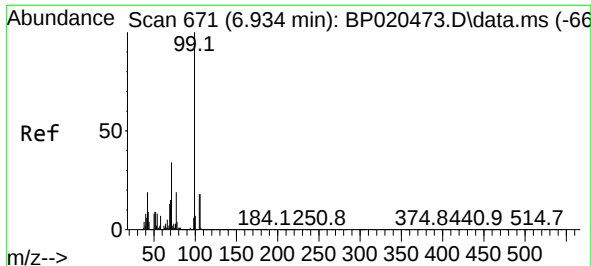
Tgt Ion:152 Resp: 231241
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 61.9 49.5 74.3



#5
2-Fluorophenol
Concen: 125.161 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:112 Resp: 1616487
Ion Ratio Lower Upper
112 100
64 59.3 50.1 75.1
63 30.4 25.7 38.5

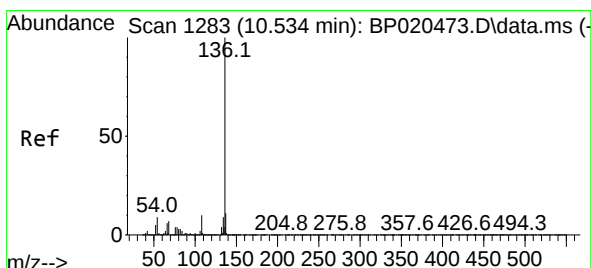
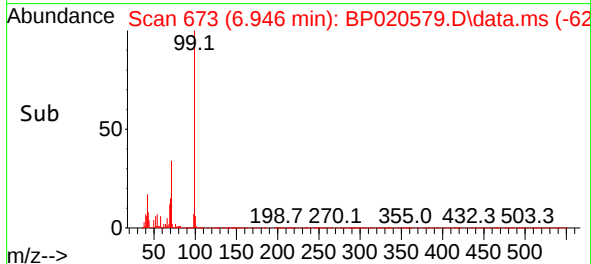
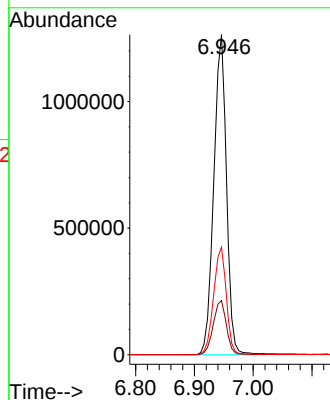
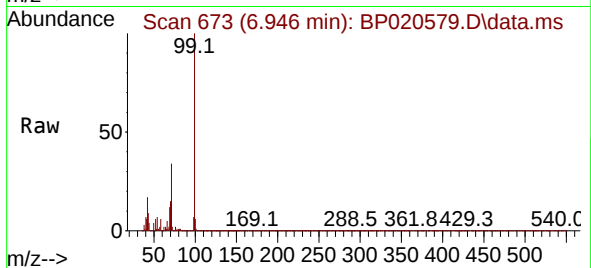




#7
Phenol-d6
Concen: 103.995 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

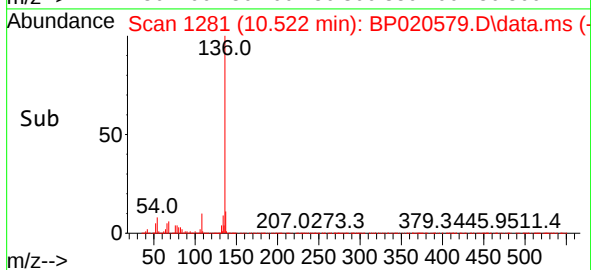
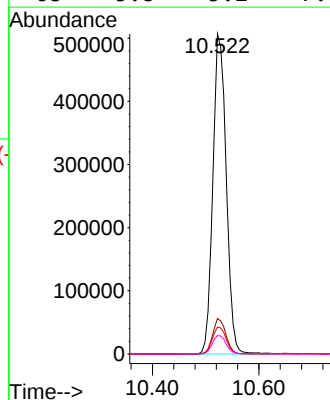
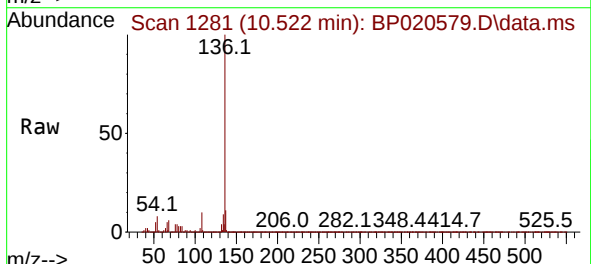
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

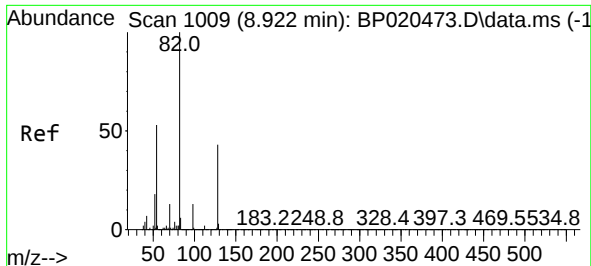
Tgt Ion: 99 Resp: 1894141
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion: 136 Resp: 882279
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.4 7.4 11.0
68 5.8 5.2 7.8

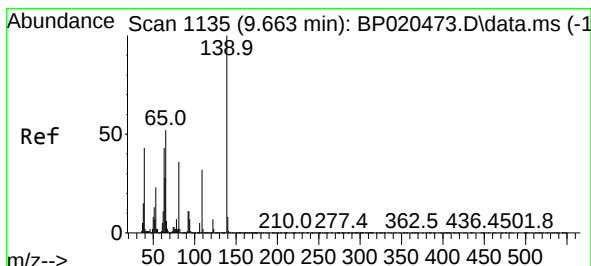
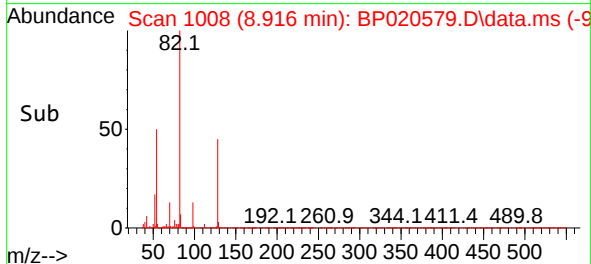
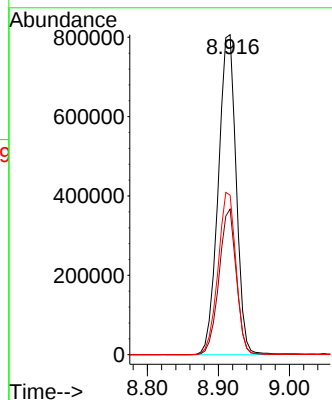
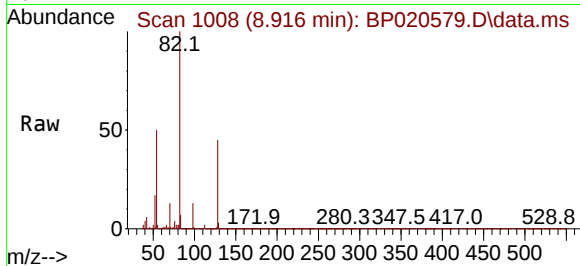




#23
Nitrobenzene-d5
Concen: 87.314 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

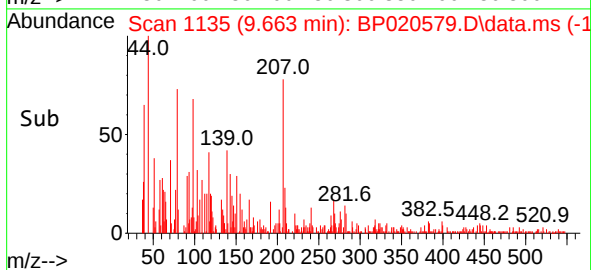
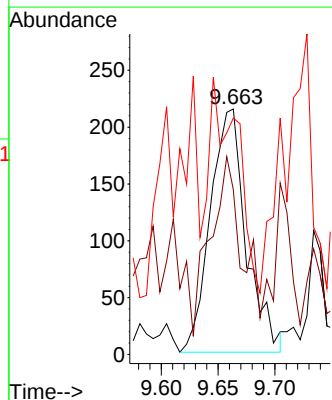
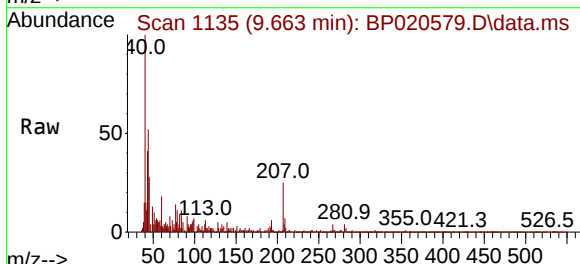
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

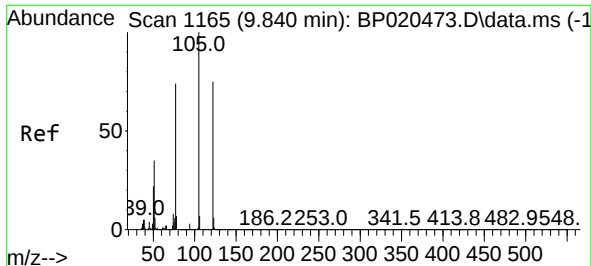
Tgt Ion: 82 Resp: 1407291
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.4
54 49.9 42.7 64.1



#26
2-Nitrophenol
Concen: 3.858 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:139 Resp: 469
Ion Ratio Lower Upper
139 100
109 73.1 25.8 38.8#
65 96.3 41.8 62.8#

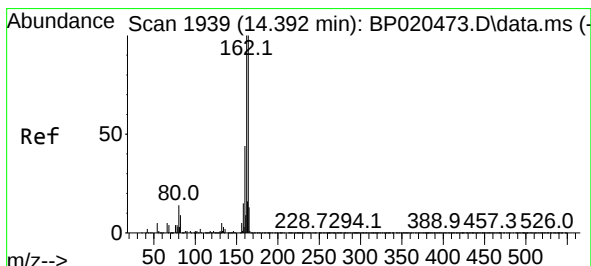
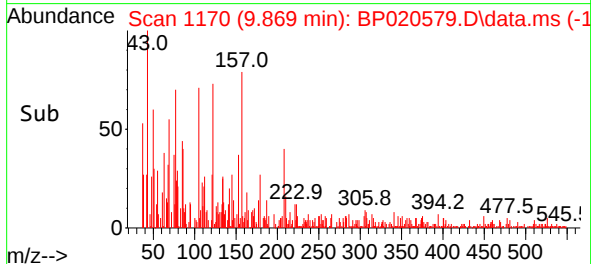
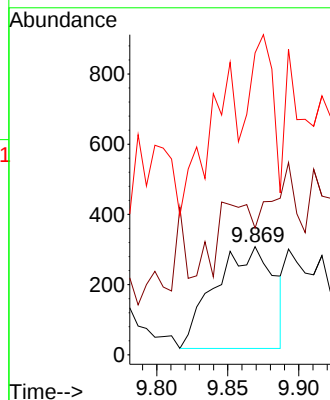
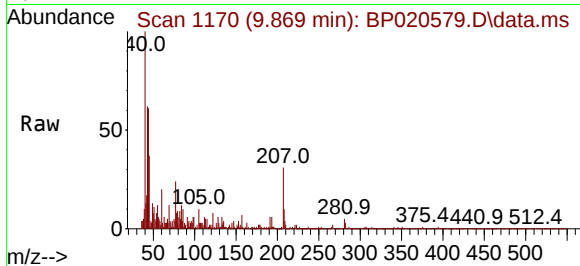




#32
Benzoic acid
Concen: 6.928 ng
RT: 9.869 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

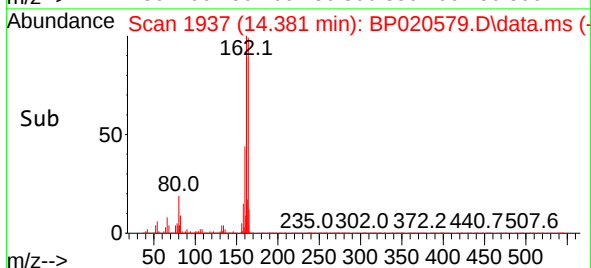
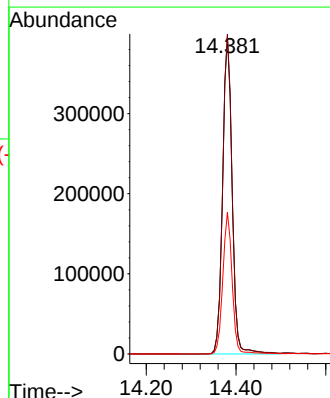
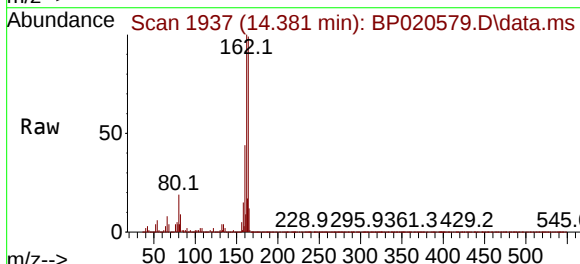
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

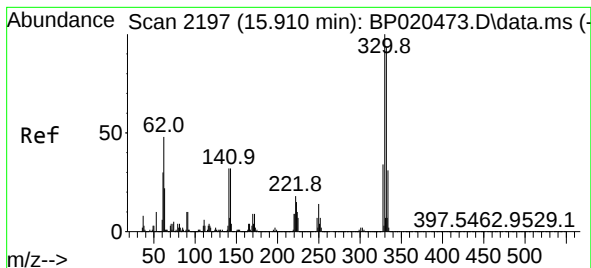
Tgt Ion:122 Resp: 835
Ion Ratio Lower Upper
122 100
105 117.2 107.5 147.5
77 279.2 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:164 Resp: 582276
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 170.565 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020579.D

Acq: 10 Jun 2024 16:11

Instrument :

BNA_P

ClientSampleId :

WCS-TPB

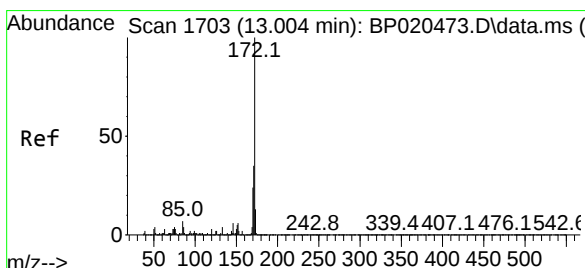
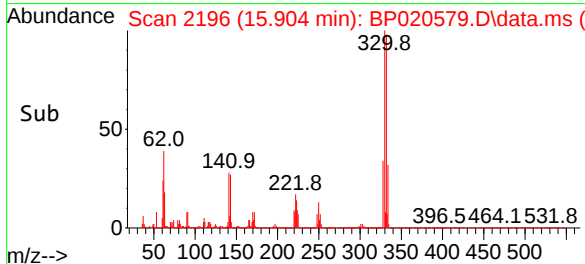
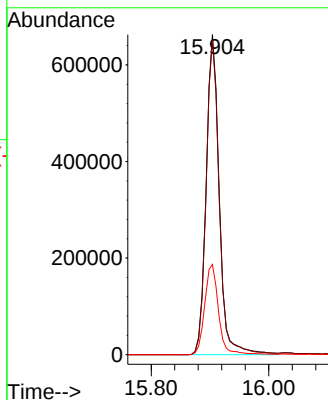
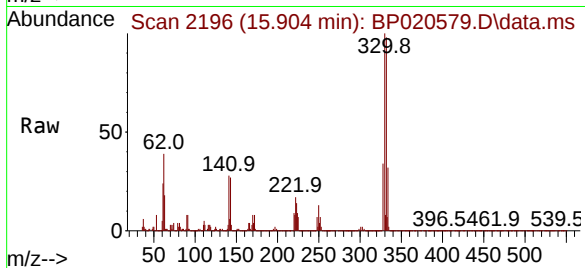
Tgt Ion:330 Resp: 1030706

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

141 29.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 82.480 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020579.D

Acq: 10 Jun 2024 16:11

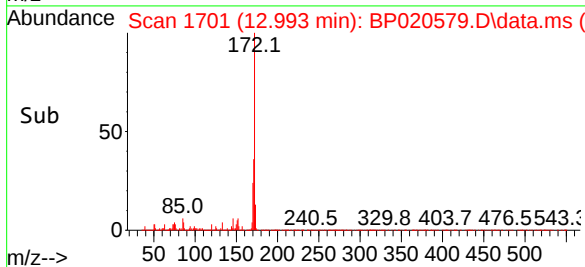
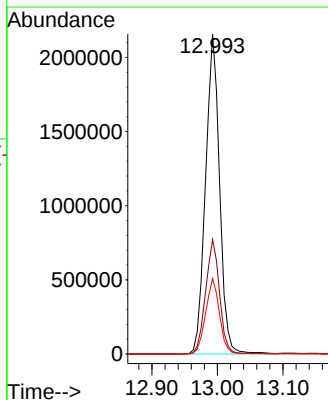
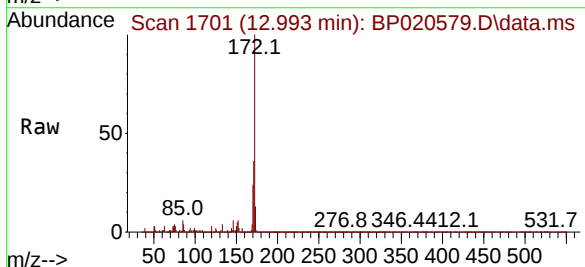
Tgt Ion:172 Resp: 3221640

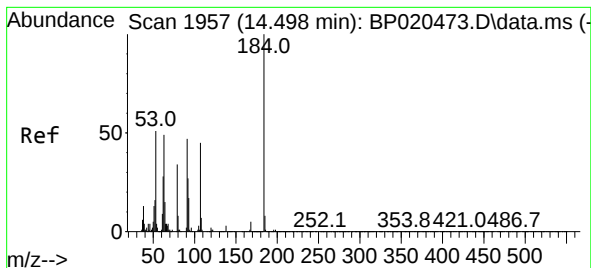
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.984 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP020579.D

Acq: 10 Jun 2024 16:11

Instrument :

BNA_P

ClientSampleId :

WCS-TPB

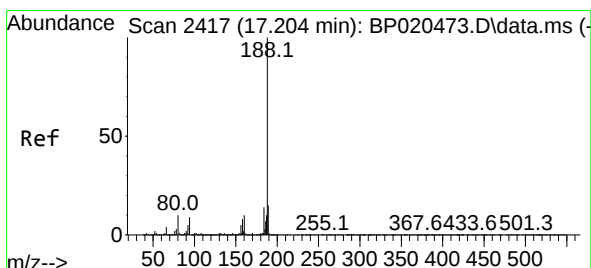
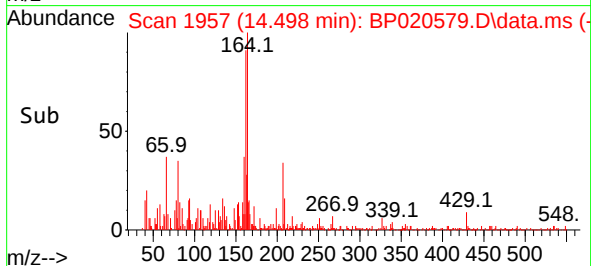
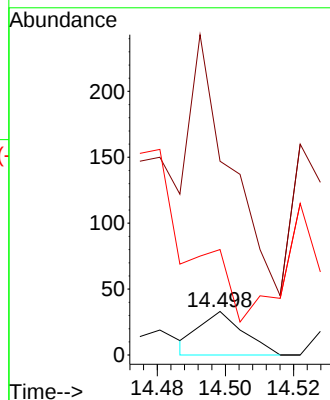
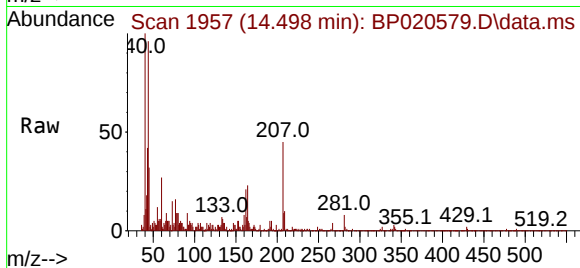
Tgt Ion:184 Resp: 30

Ion Ratio Lower Upper

184 100

63 445.5 54.2 81.4#

154 242.4 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: BP020579.D

Acq: 10 Jun 2024 16:11

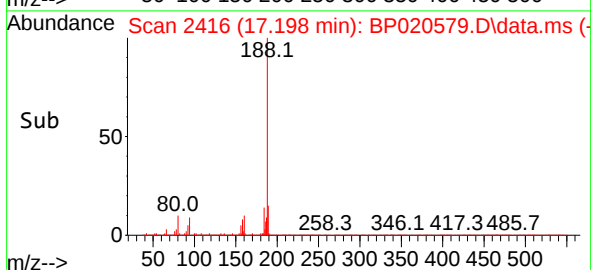
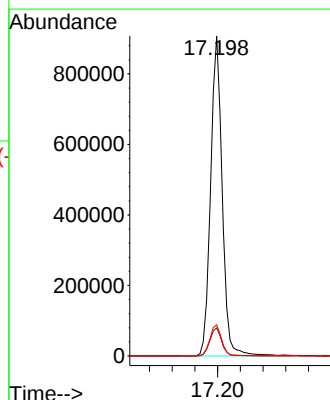
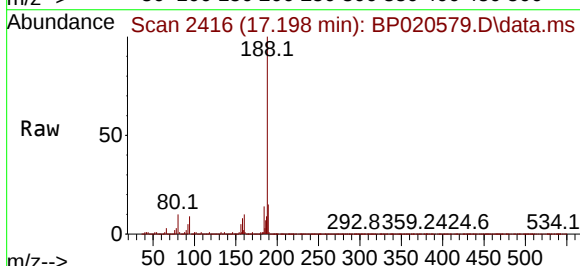
Tgt Ion:188 Resp: 1277344

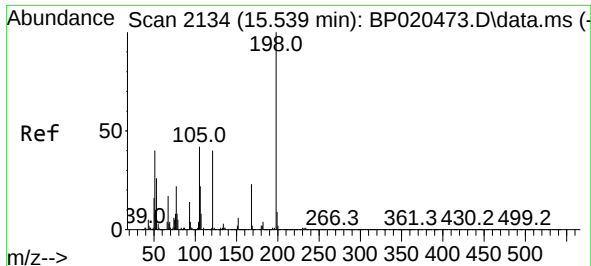
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.7 8.1 12.1

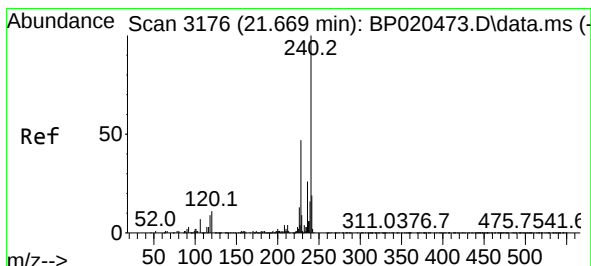
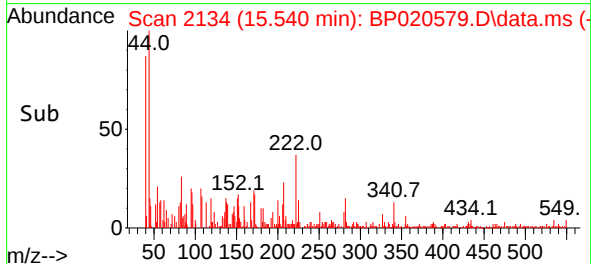
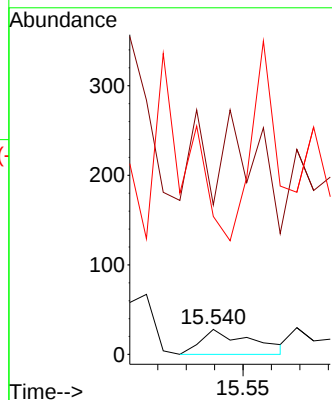
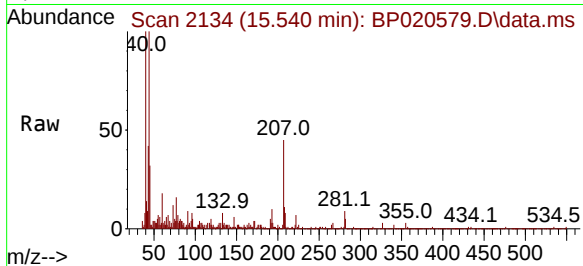




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.540 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

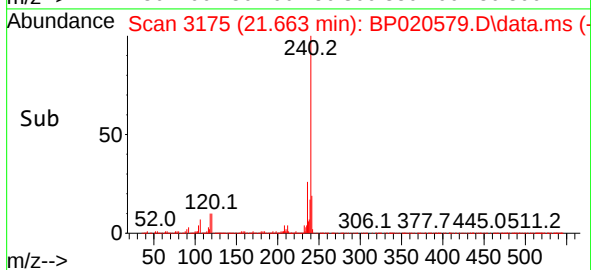
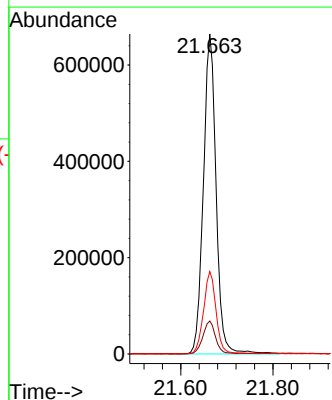
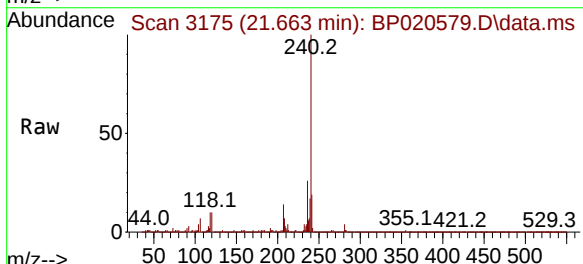
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

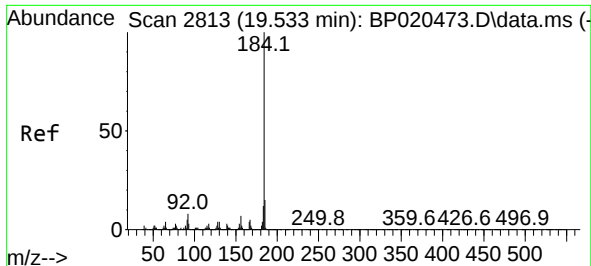
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 596.4 24.8 64.8#
105 550.0 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:240 Resp: 1279036
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.8 20.5 30.7

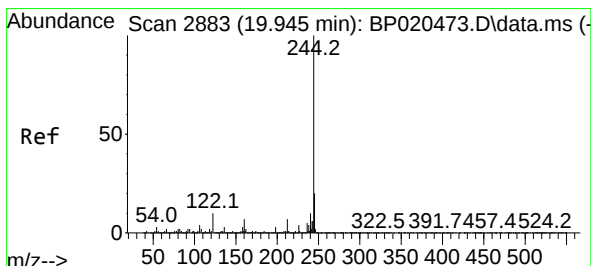
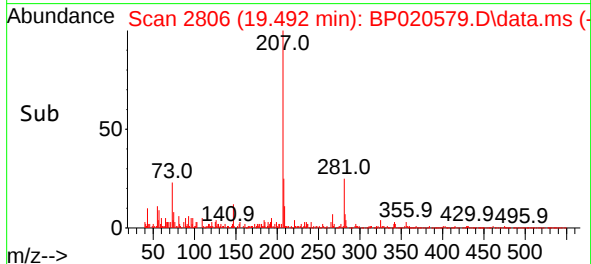
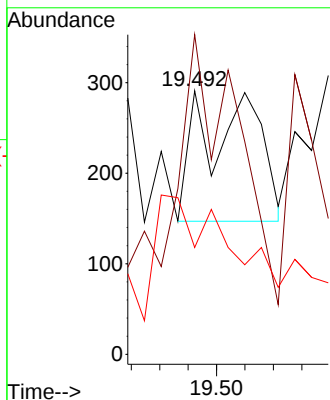
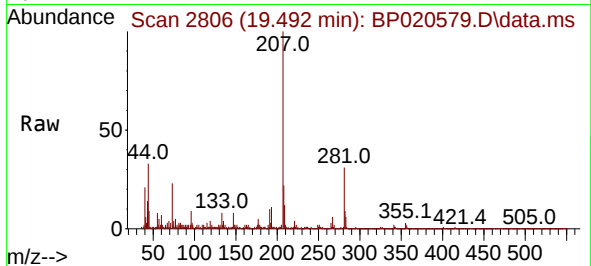




#77
Benzidine
Concen: 5.974 ng
RT: 19.492 min Scan# 2813
Delta R.T. -0.041 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

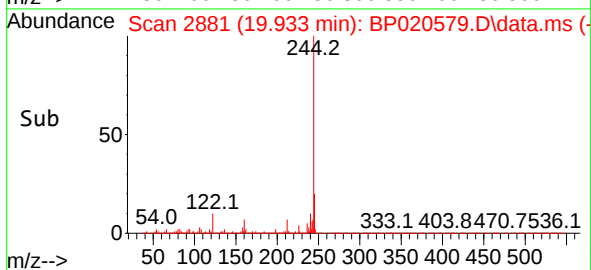
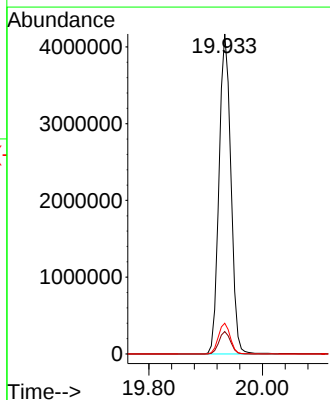
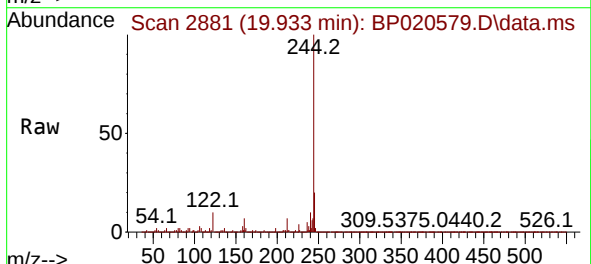
Instrument :
BNA_P
ClientSampleId :
WCS-TPB

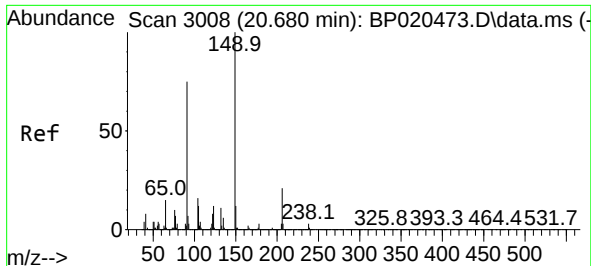
Tgt Ion:184 Resp: 198
Ion Ratio Lower Upper
184 100
185 121.3 12.0 18.0#
183 40.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.684 ng
RT: 19.933 min Scan# 2881
Delta R.T. -0.012 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:244 Resp: 6045394
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.6 8.2 12.2

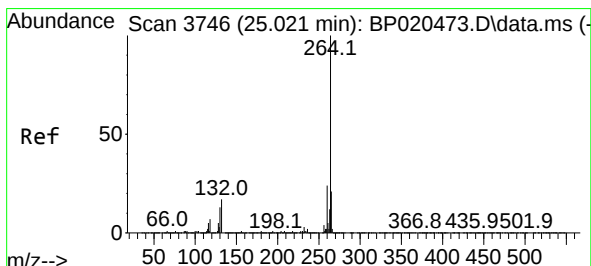
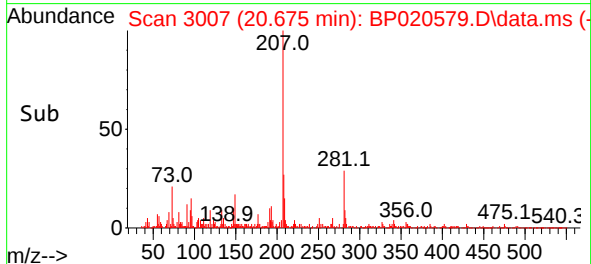
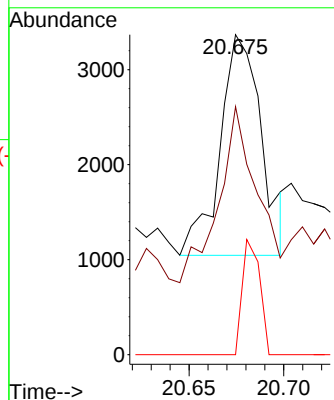
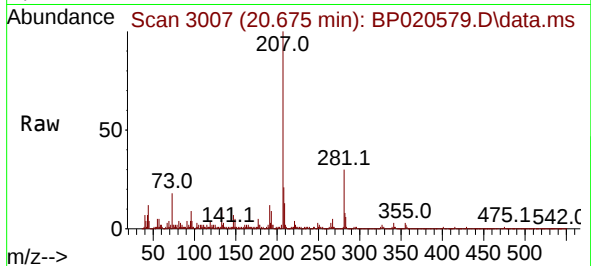




#80
Butylbenzylphthalate
Concen: 2.518 ng
RT: 20.675 min Scan# 3008
Delta R.T. -0.005 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Instrument :
BNA_P
ClientSampleId :
WCS-TPB

Tgt Ion:149 Resp: 3542
Ion Ratio Lower Upper
149 100
91 77.5 60.0 90.0
206 0.0 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3748
Delta R.T. 0.012 min
Lab File: BP020579.D
Acq: 10 Jun 2024 16:11

Tgt Ion:264 Resp: 1457569
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.9 17.4 26.0

