

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020551.D
 Acq On : 06 Jun 2024 21:59
 Operator : MA/JU
 Sample : P2686-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPP

Quant Time: Jun 07 01:34:45 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)

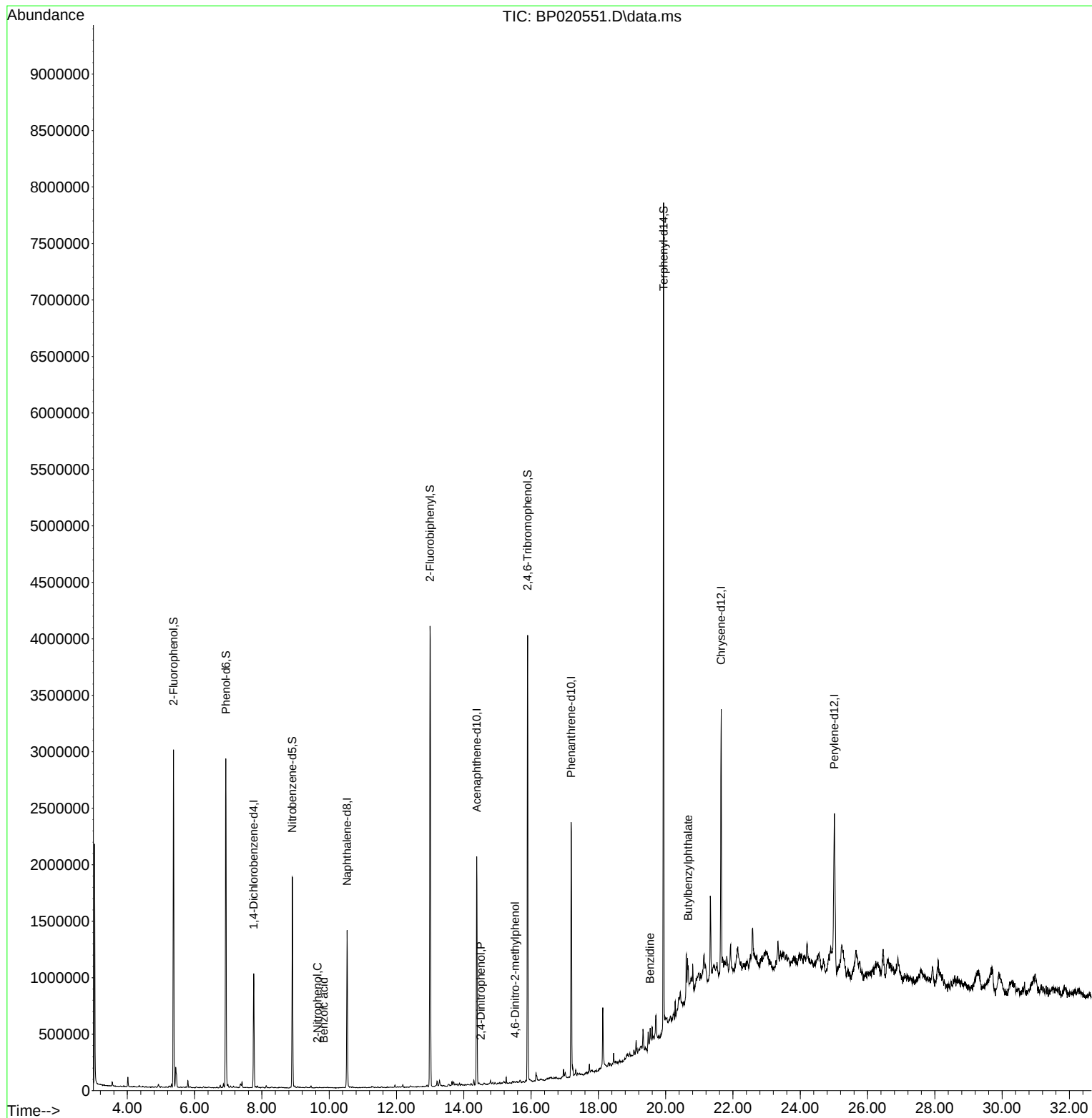
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	286169	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	1164301	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	754499	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1541784	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1351959	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1575523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1275820	79.823	ng	0.00
7) Phenol-d6	6.928	99	1689621	74.961	ng	0.00
23) Nitrobenzene-d5	8.904	82	1021523	48.027	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	767462	98.013	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	2371233	46.850	ng	0.00
79) Terphenyl-d14	19.939	244	3545000	43.651	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.651	139	9	3.792	ng	# 1
32) Benzoic acid	9.840	122	40	6.851	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	273	5.043	ng	# 46
65) 4,6-Dinitro-2-methylph...	15.528	198	120	7.668	ng	# 1
77) Benzidine	19.539	184	2472	6.016	ng	# 1
80) Butylbenzylphthalate	20.668	149	3161	2.504	ng	# 44

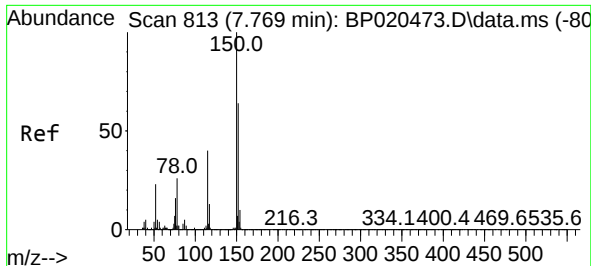
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

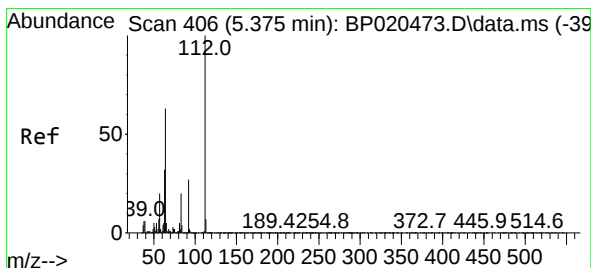
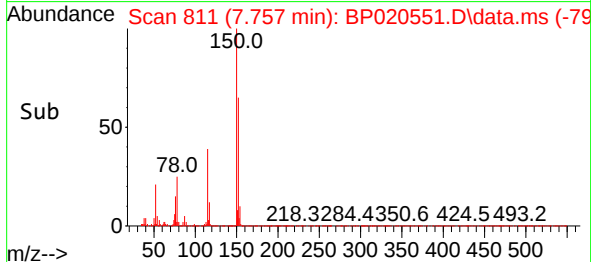
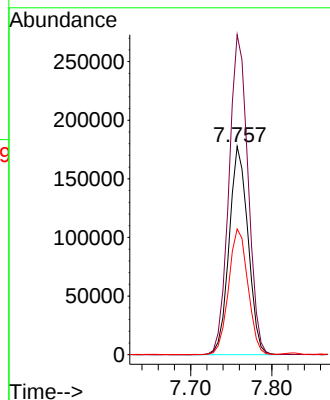
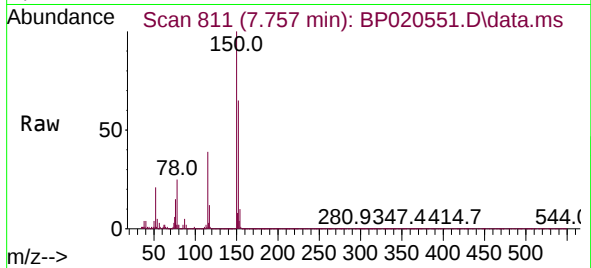




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

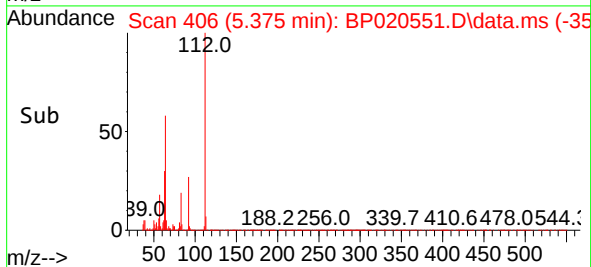
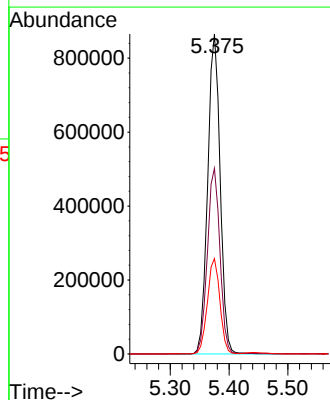
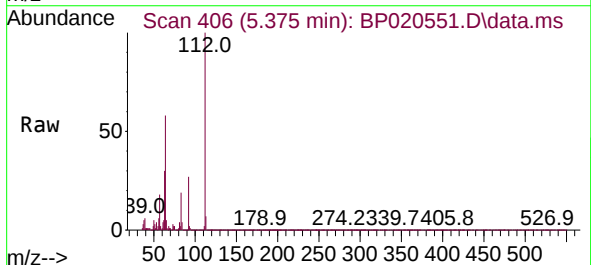
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

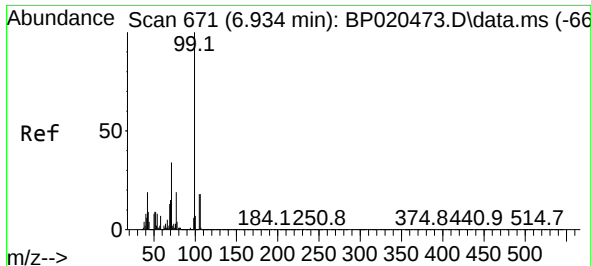
Tgt Ion:152 Resp: 286169
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 60.4 49.5 74.3



#5
2-Fluorophenol
Concen: 79.823 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:112 Resp: 1275820
Ion Ratio Lower Upper
112 100
64 58.0 50.1 75.1
63 29.8 25.7 38.5

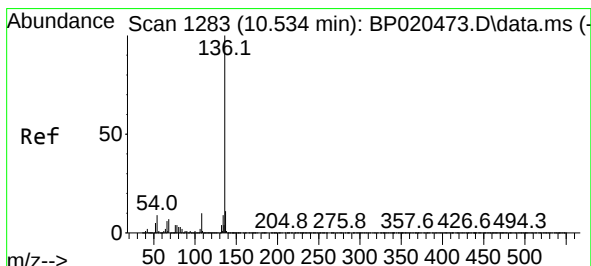
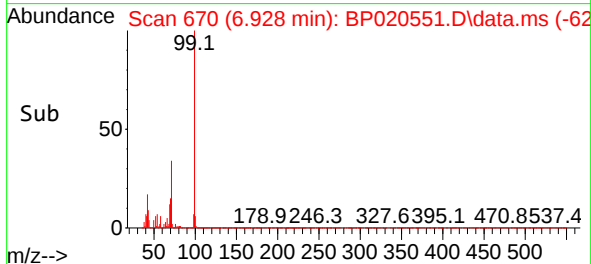
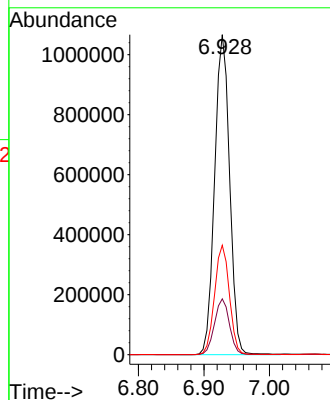
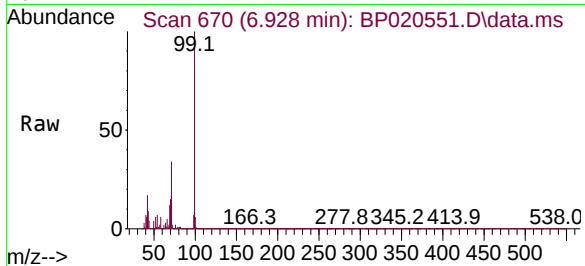




#7
Phenol-d6
Concen: 74.961 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

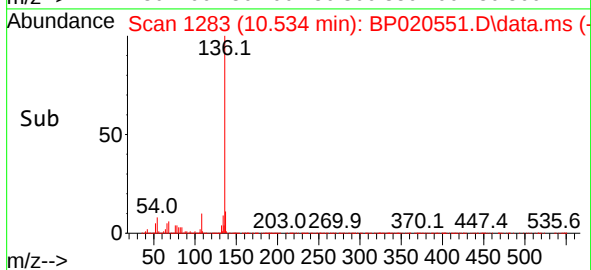
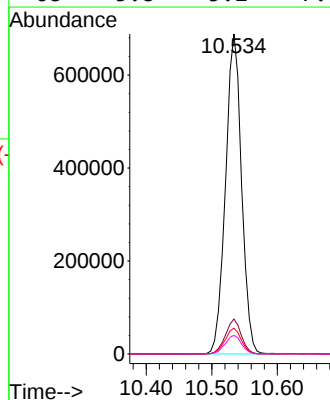
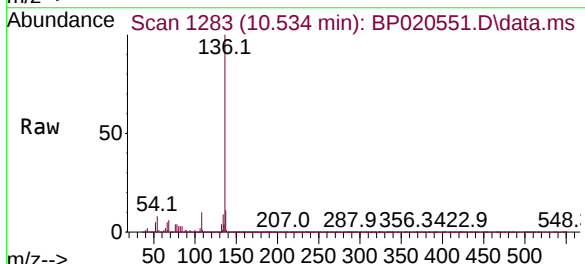
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

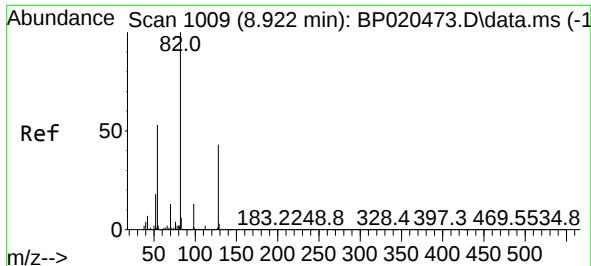
Tgt Ion: 99 Resp: 1689621
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion: 136 Resp: 1164301
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 7.4 11.0
68 5.8 5.2 7.8

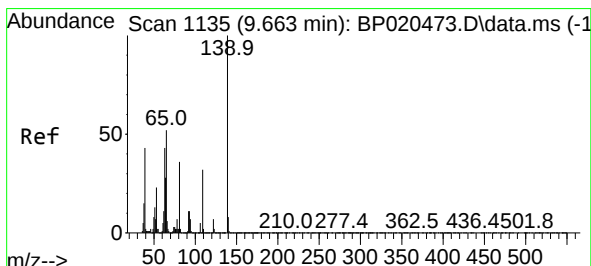
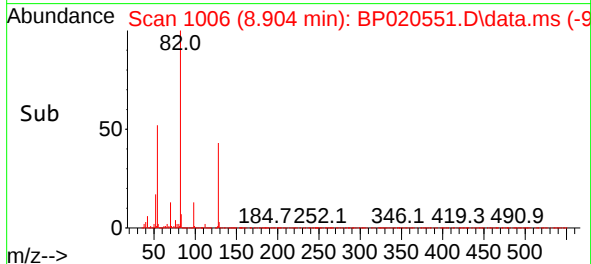
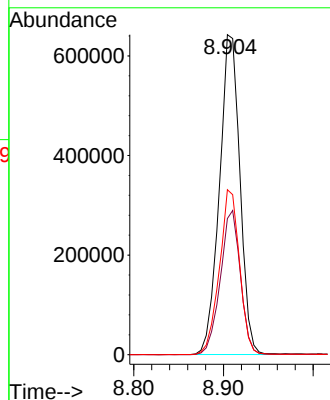
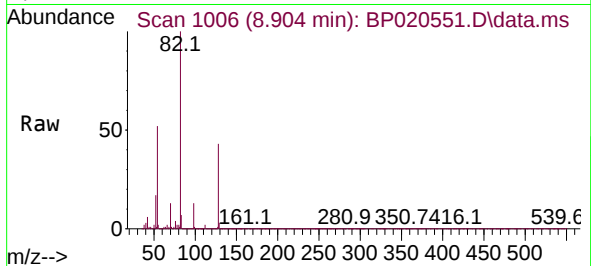




#23
Nitrobenzene-d5
Concen: 48.027 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

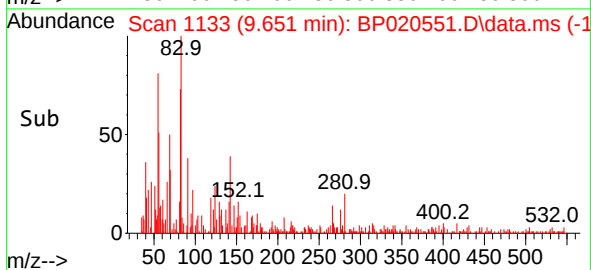
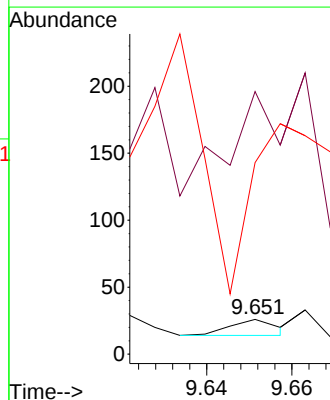
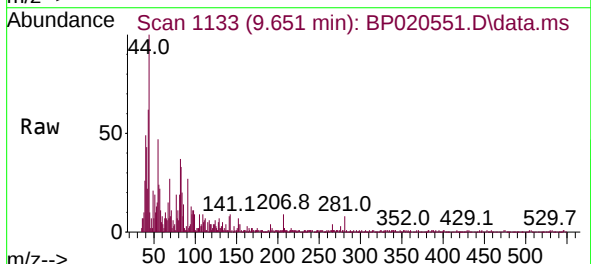
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

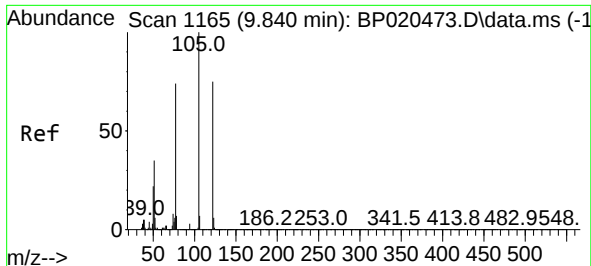
Tgt Ion: 82 Resp: 1021523
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.4
54 51.5 42.7 64.1



#26
2-Nitrophenol
Concen: 3.792 ng
RT: 9.651 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:139 Resp: 9
Ion Ratio Lower Upper
139 100
109 753.8 25.8 38.8#
65 550.0 41.8 62.8#

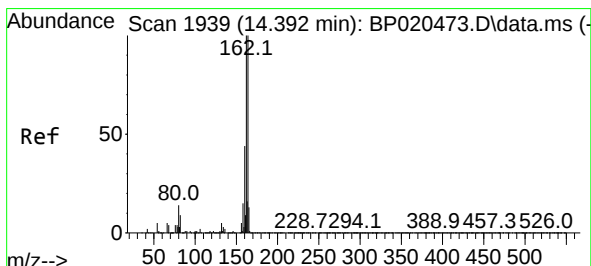
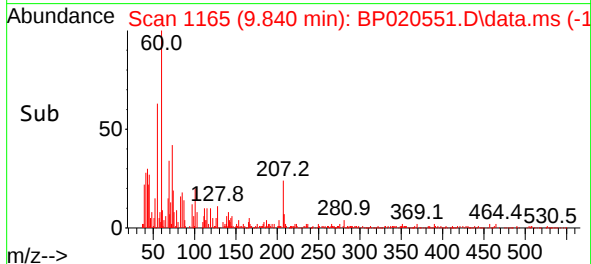
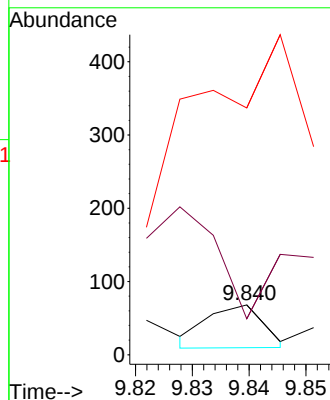
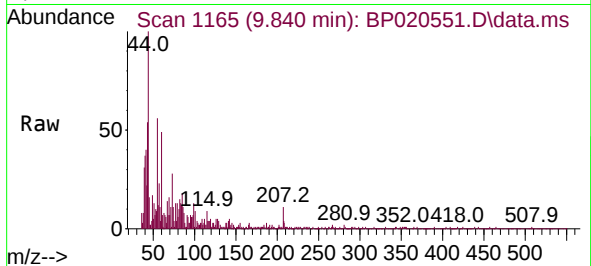




#32
Benzoic acid
Concen: 6.851 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

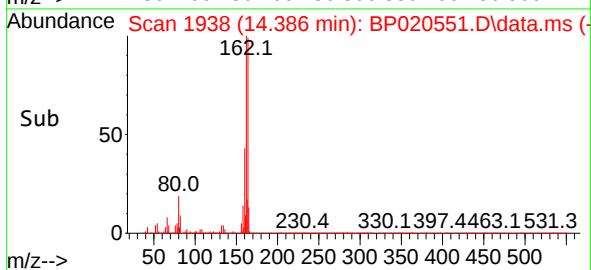
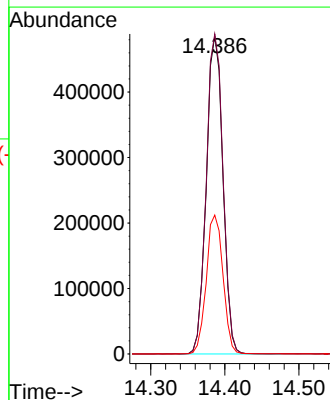
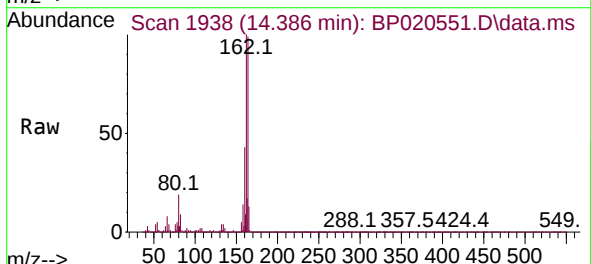
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

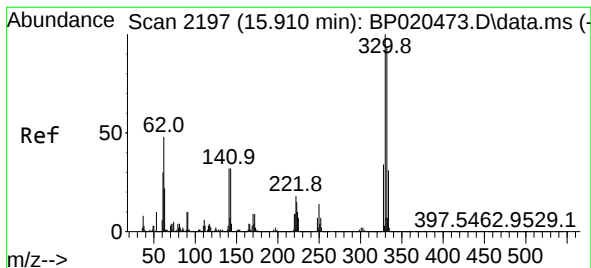
Tgt Ion:122 Resp: 40
Ion Ratio Lower Upper
122 100
105 72.1 107.5 147.5#
77 495.6 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:164 Resp: 754499
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 98.013 ng

RT: 15.898 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020551.D

Acq: 06 Jun 2024 21:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

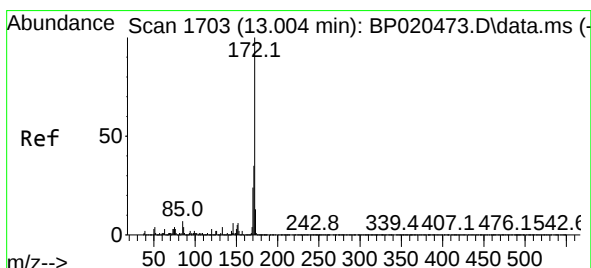
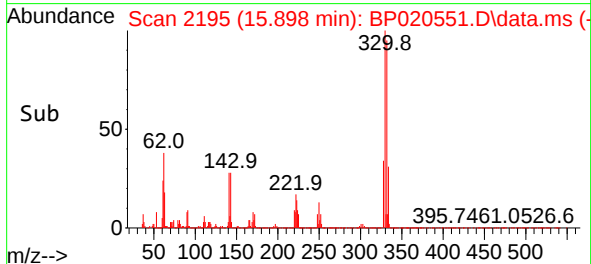
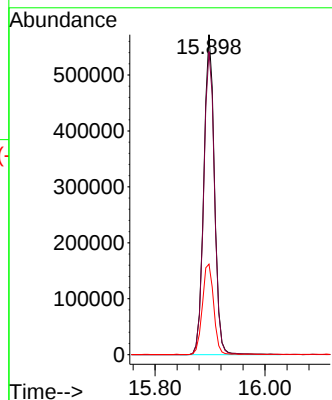
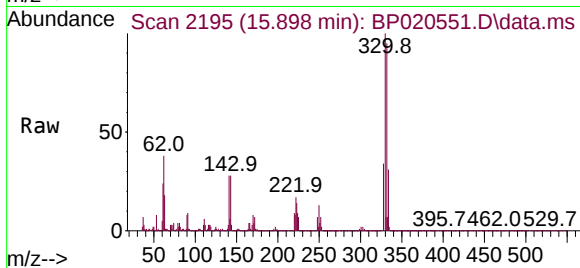
Tgt Ion:330 Resp: 767462

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

141 30.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 46.850 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020551.D

Acq: 06 Jun 2024 21:59

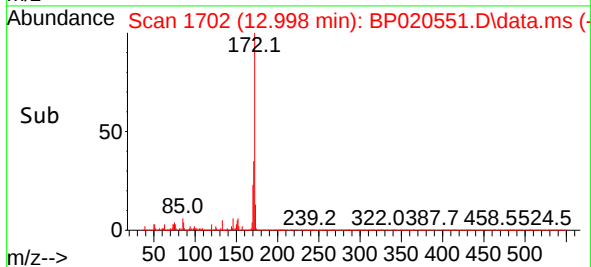
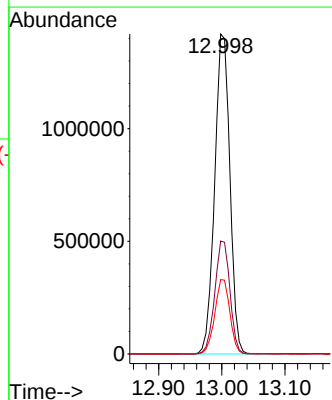
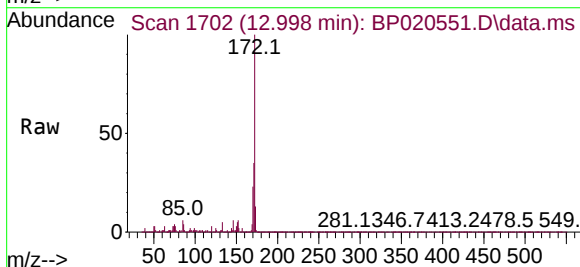
Tgt Ion:172 Resp: 2371233

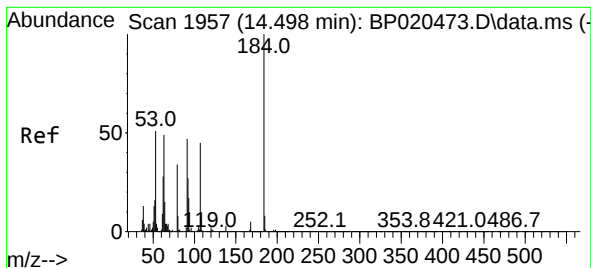
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.9 28.3

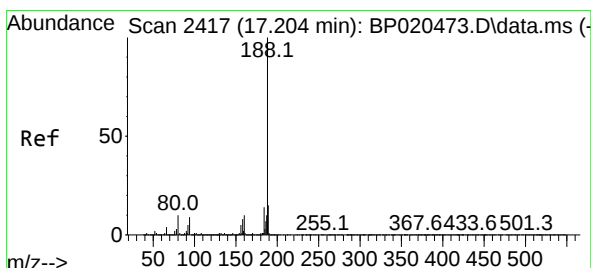
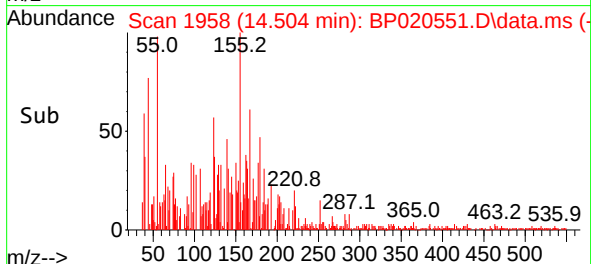
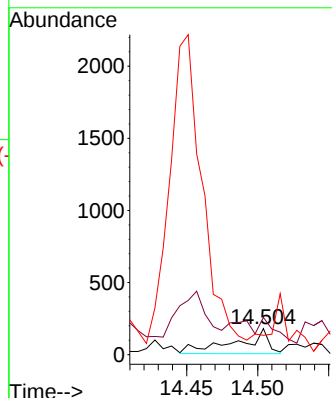
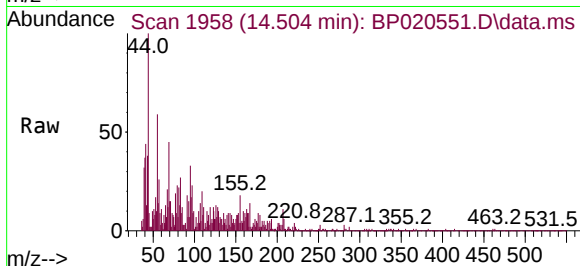




#54
2,4-Dinitrophenol
Concen: 5.043 ng
RT: 14.504 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

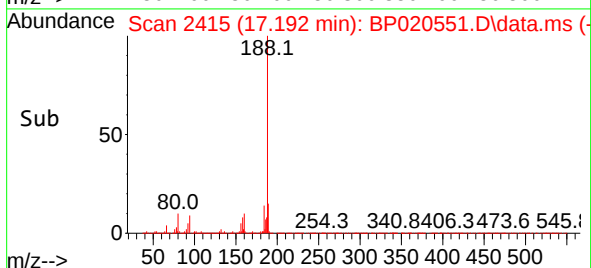
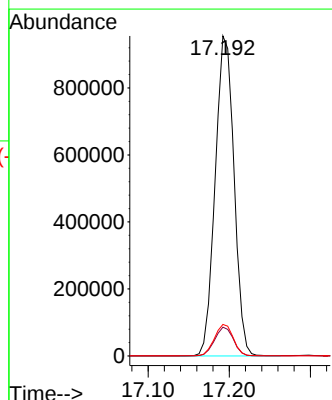
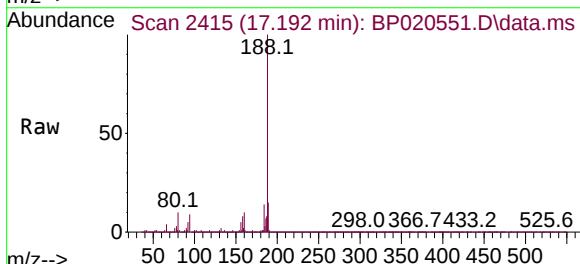
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

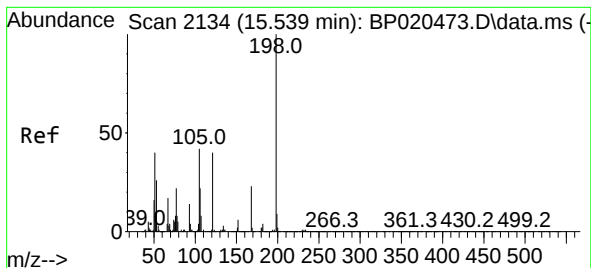
Tgt Ion:184 Resp: 273
Ion Ratio Lower Upper
184 100
63 142.5 54.2 81.4#
154 74.0 51.0 76.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:188 Resp: 1541784
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 8.1 12.1

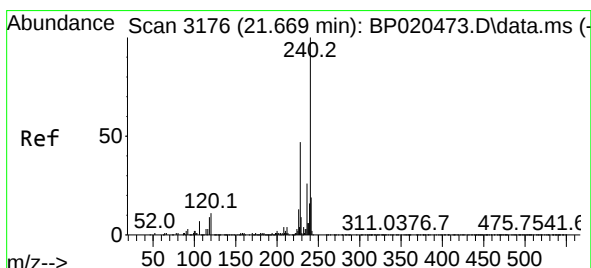
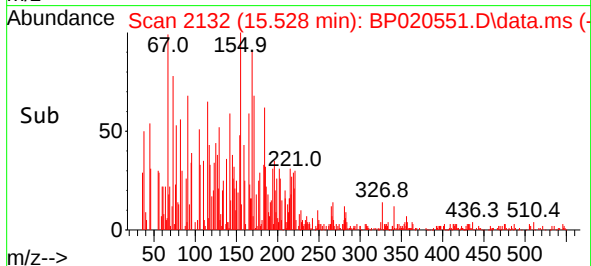
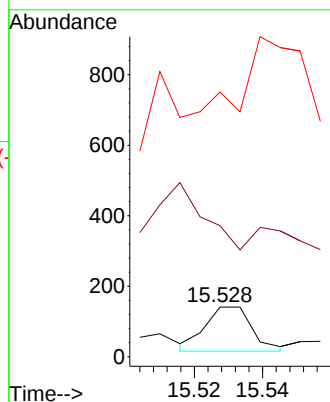
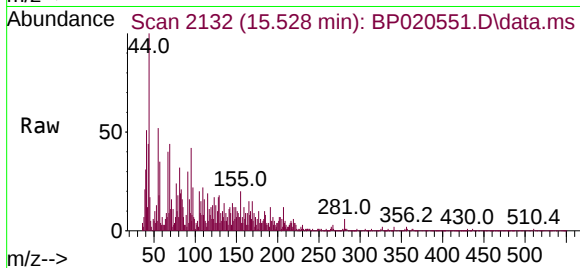




#65
4,6-Dinitro-2-methylphenol
Concen: 7.668 ng
RT: 15.528 min Scan# 2134
Delta R.T. -0.011 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

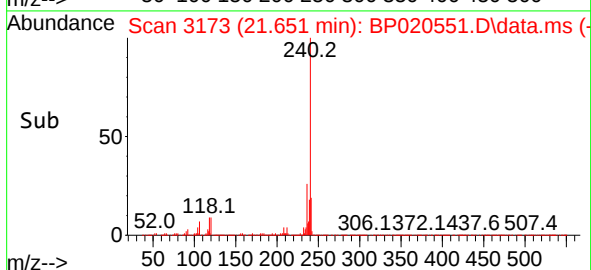
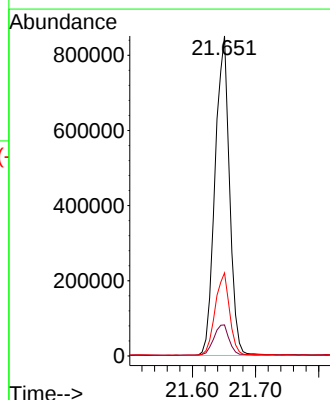
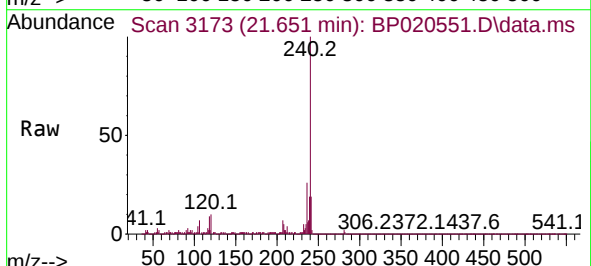
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

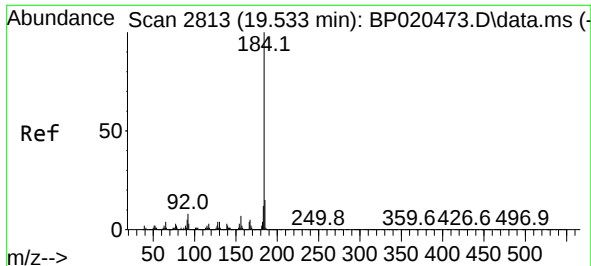
Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 263.8 24.8 64.8#
105 532.6 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:240 Resp: 1351959
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.9 20.5 30.7

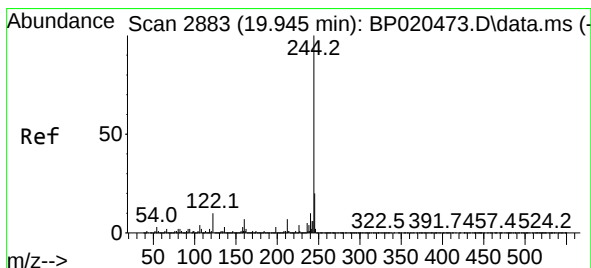
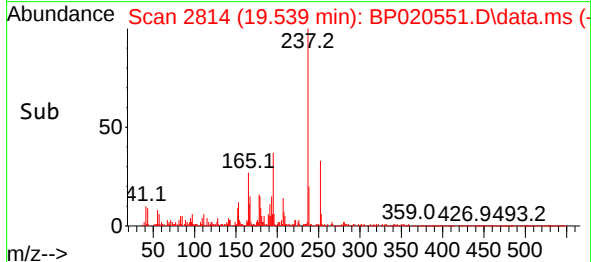
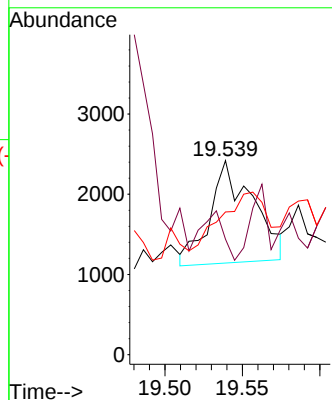
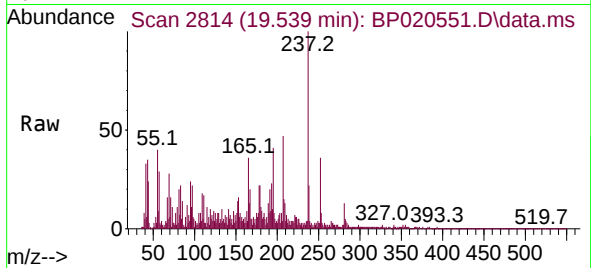




#77
Benzidine
Concen: 6.016 ng
RT: 19.539 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

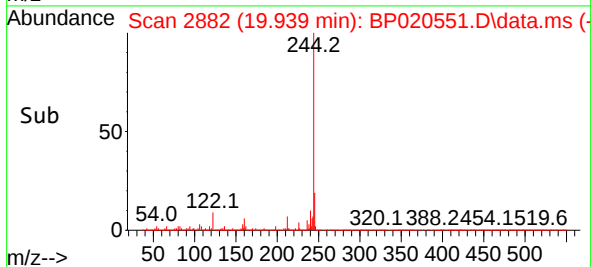
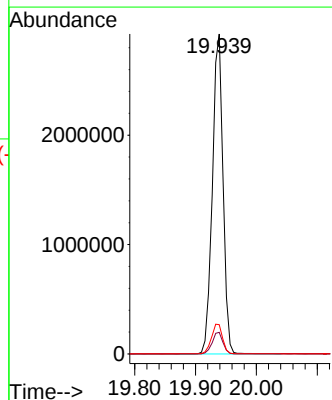
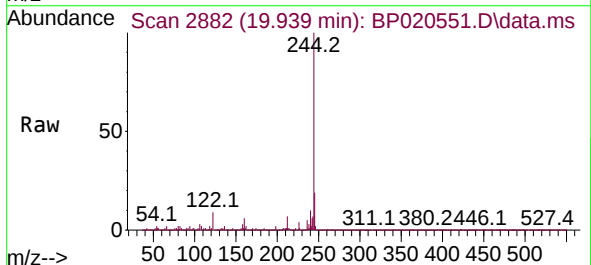
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

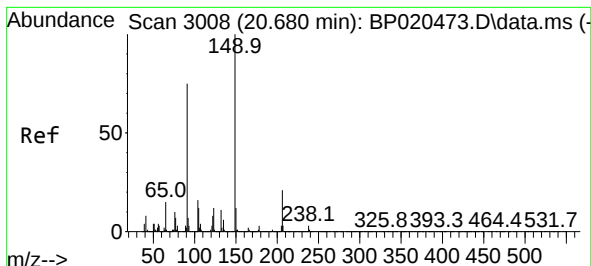
Tgt Ion:184 Resp: 2472
Ion Ratio Lower Upper
184 100
185 59.5 12.0 18.0#
183 73.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 43.651 ng
RT: 19.939 min Scan# 2882
Delta R.T. -0.006 min
Lab File: BP020551.D
Acq: 06 Jun 2024 21:59

Tgt Ion:244 Resp: 3545000
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.504 ng

RT: 20.668 min Scan# 3008

Delta R.T. -0.012 min

Lab File: BP020551.D

Acq: 06 Jun 2024 21:59

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

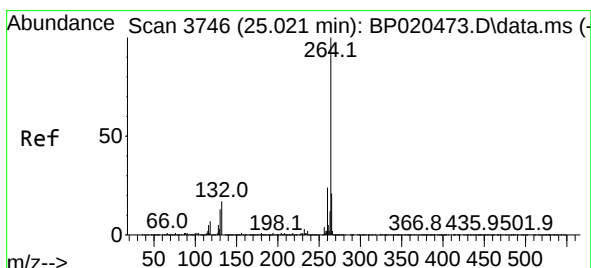
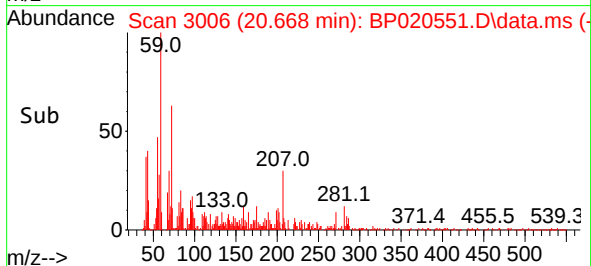
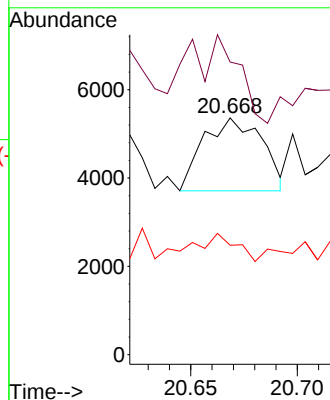
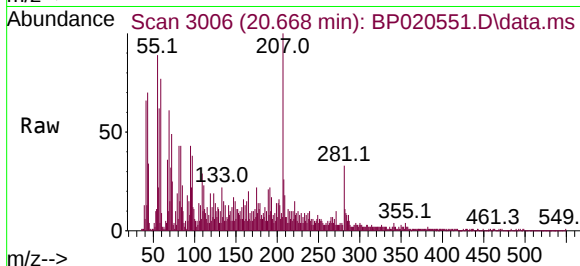
Tgt Ion:149 Resp: 3161

Ion Ratio Lower Upper

149 100

91 123.6 60.0 90.0#

206 46.2 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: BP020551.D

Acq: 06 Jun 2024 21:59

Tgt Ion:264 Resp: 1575523

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 17.4 26.0

