

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020552.D
 Acq On : 06 Jun 2024 22:44
 Operator : MA/JU
 Sample : P2715-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPC

Quant Time: Jun 07 01:35:06 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)

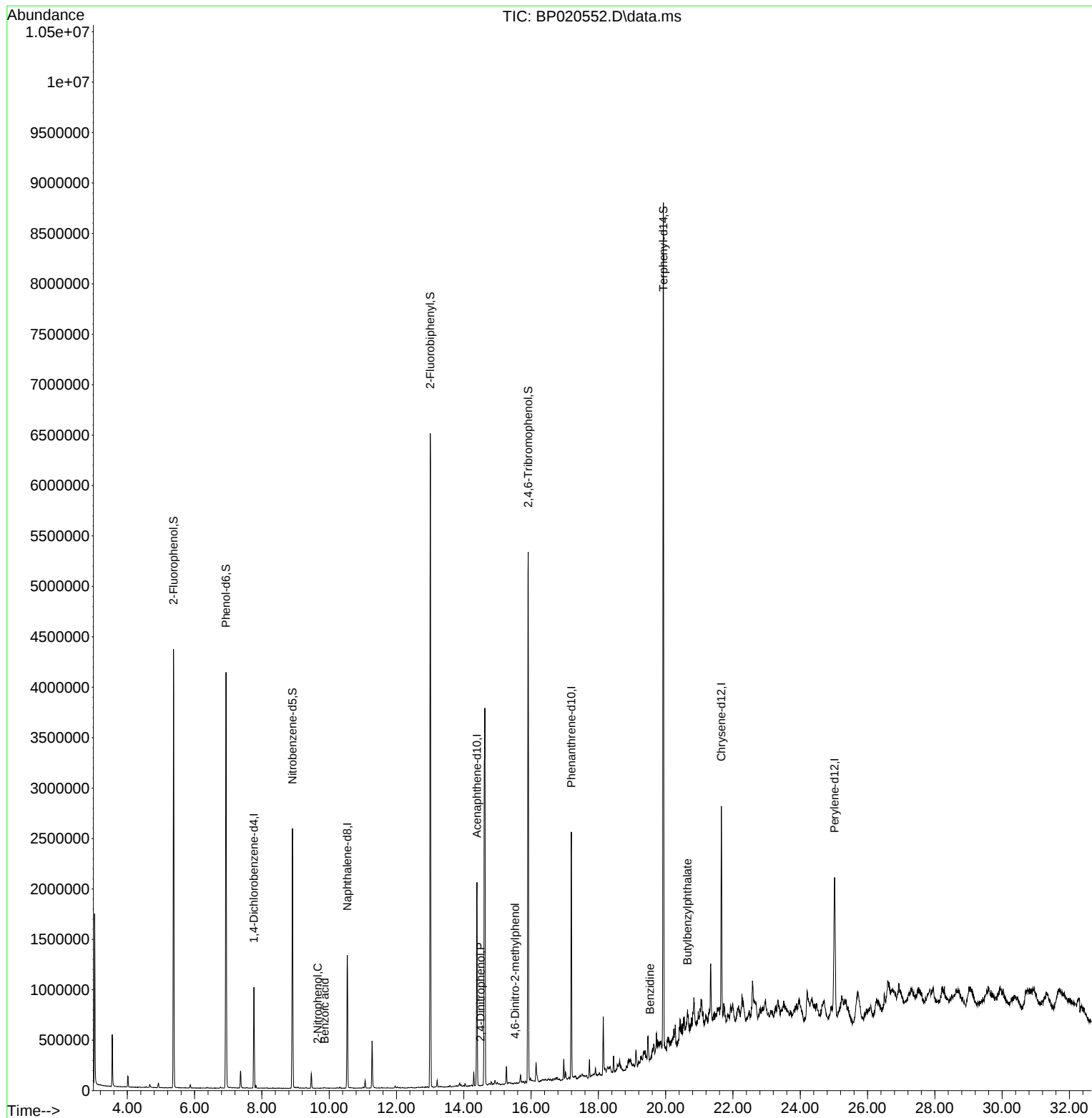
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	268980	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	1080905	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	699135	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1444313	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1261282	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1484867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1825933	121.542	ng	0.00
7) Phenol-d6	6.934	99	2433979	114.885	ng	0.00
23) Nitrobenzene-d5	8.910	82	1501854	76.058	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1132855	156.134	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3476677	74.131	ng	0.00
79) Terphenyl-d14	19.933	244	5158476	68.085	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.657	139	99	3.803	ng	# 1
32) Benzoic acid	9.869	122	43	6.852	ng	# 1
54) 2,4-Dinitrophenol	14.498	184	105	5.003	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.527	198	77	7.663	ng	# 1
77) Benzidine	19.539	184	173	5.974	ng	# 1
80) Butylbenzylphthalate	20.651	149	2003	2.481	ng	# 55

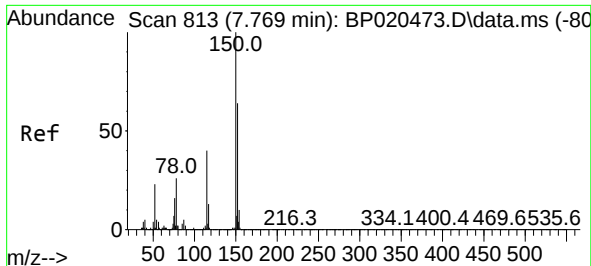
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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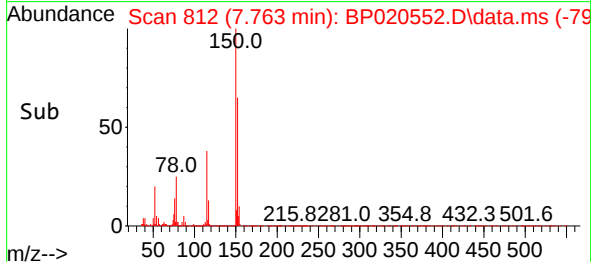
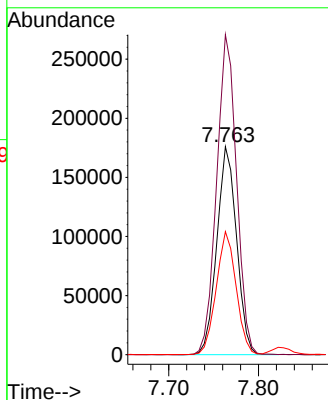
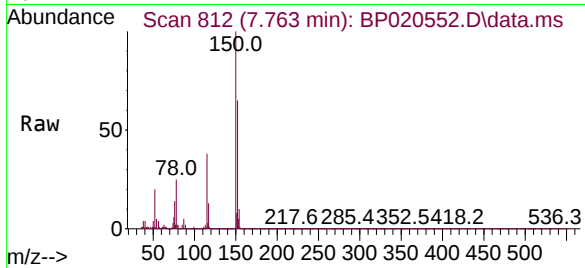




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

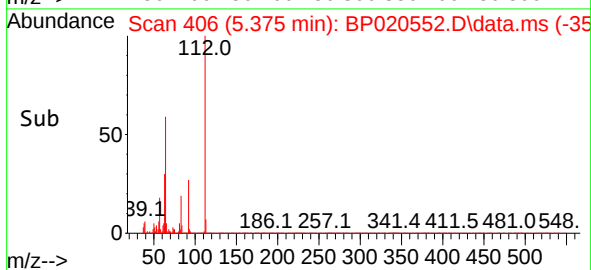
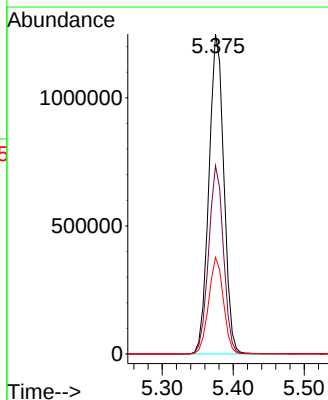
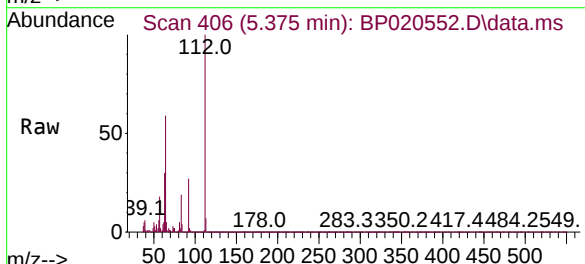
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

Tgt Ion:152 Resp: 268980
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 121.542 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:112 Resp: 1825933
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 30.2 25.7 38.5

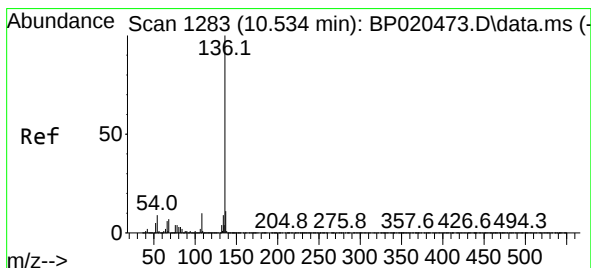
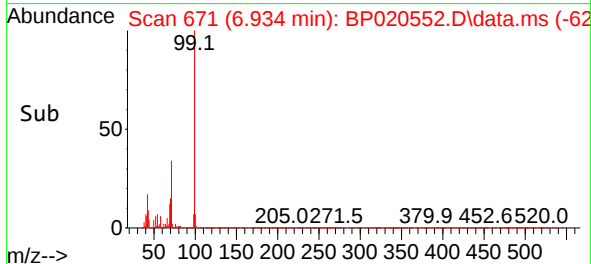
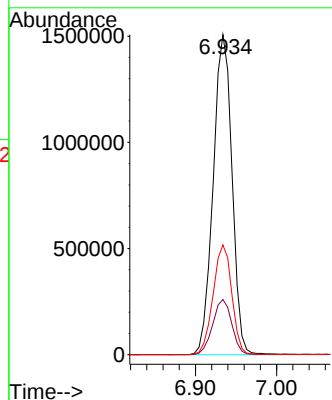
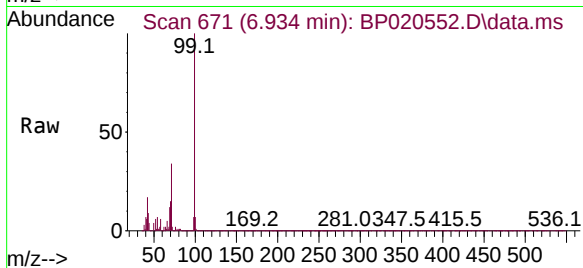




#7
Phenol-d6
Concen: 114.885 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

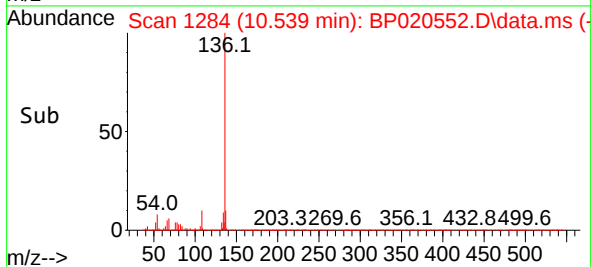
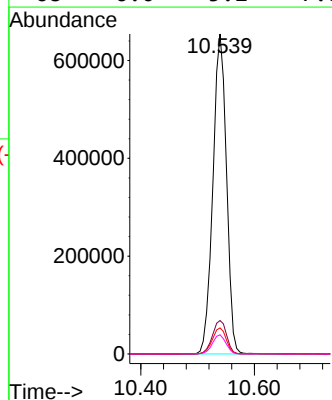
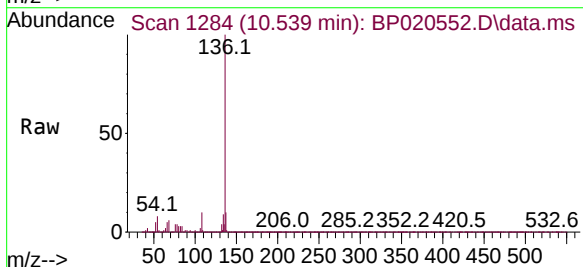
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

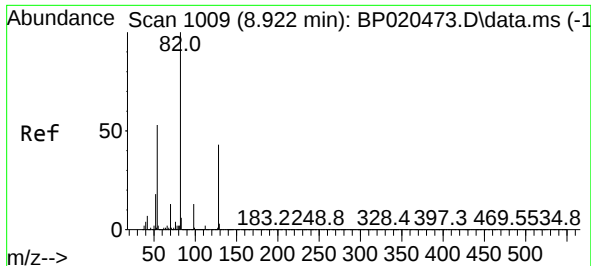
Tgt Ion: 99 Resp: 2433979
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:136 Resp: 1080905
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.1 7.4 11.0
68 6.0 5.2 7.8

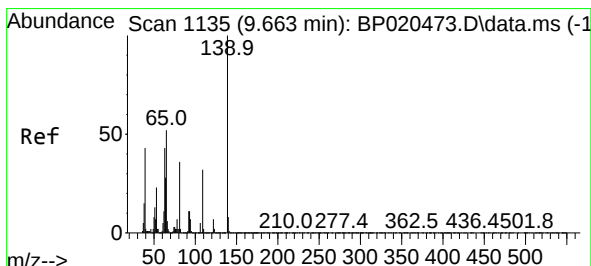
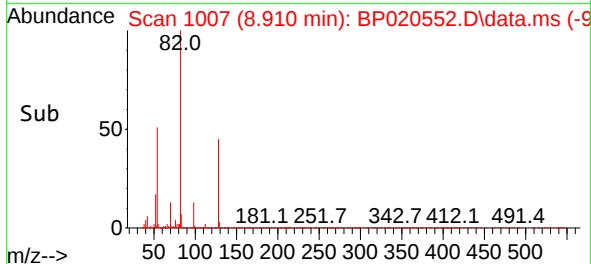
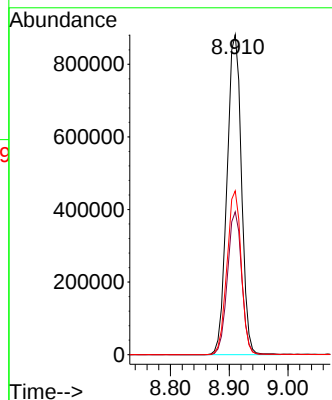
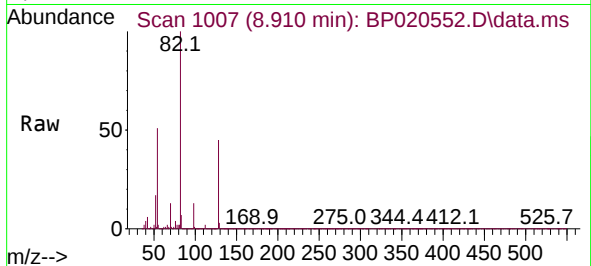




#23
Nitrobenzene-d5
Concen: 76.058 ng
RT: 8.910 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

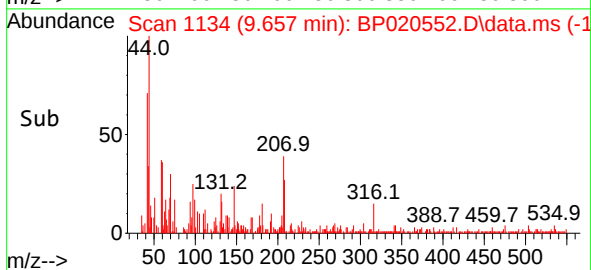
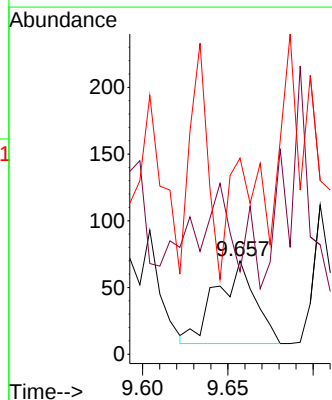
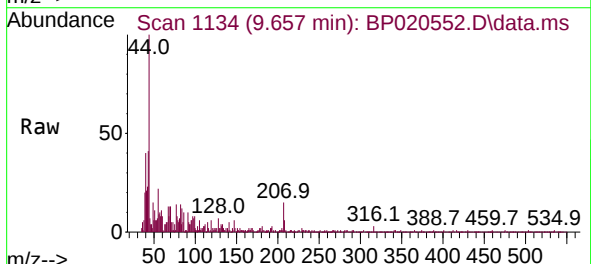
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

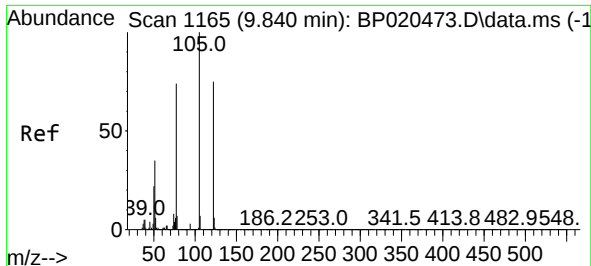
Tgt Ion: 82 Resp: 1501854
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 3.803 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:139 Resp: 99
Ion Ratio Lower Upper
139 100
109 88.6 25.8 38.8#
65 210.0 41.8 62.8#

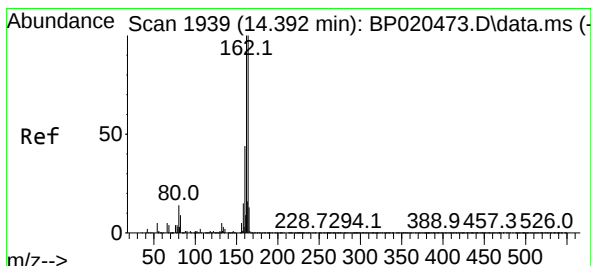
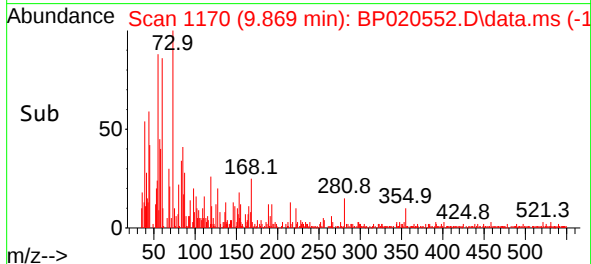
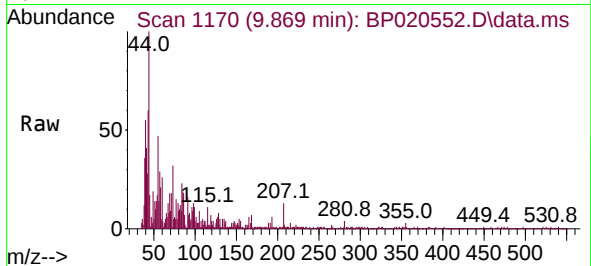




#32
Benzoic acid
Concen: 6.852 ng
RT: 9.869 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

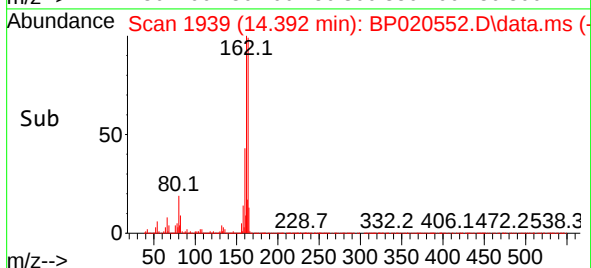
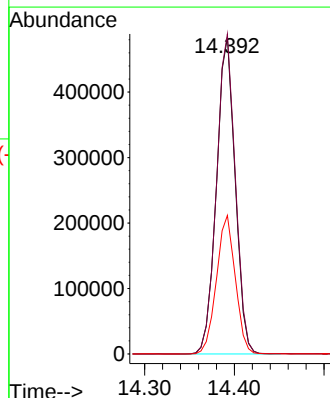
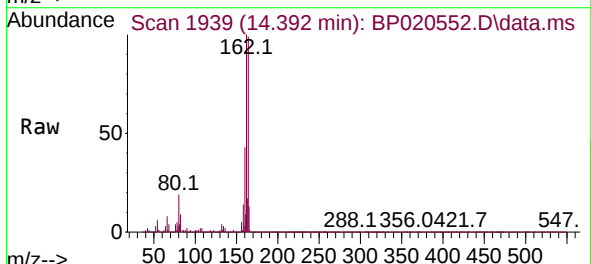
Instrument :
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WCS-TPC

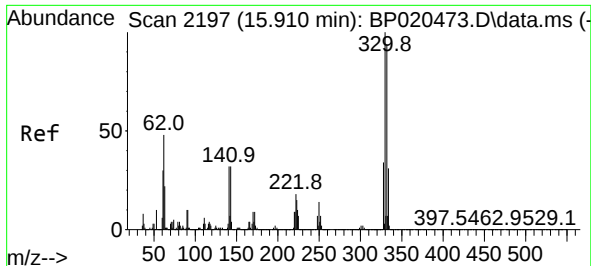
Tgt Ion:122 Resp: 43
Ion Ratio Lower Upper
122 100
105 200.0 107.5 147.5#
77 352.7 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:164 Resp: 699135
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 43.8 35.4 53.2

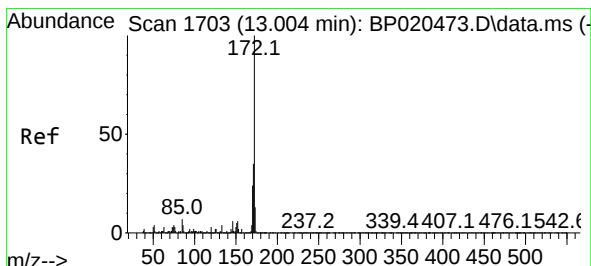
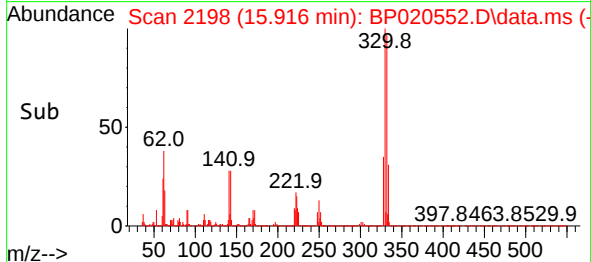
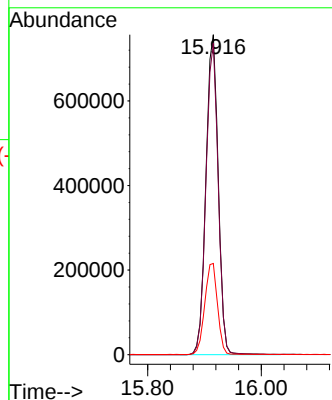
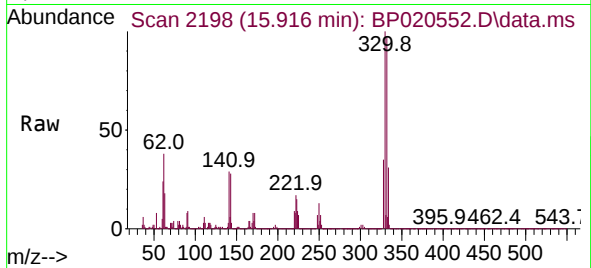




#42
2,4,6-Tribromophenol
Concen: 156.134 ng
RT: 15.916 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

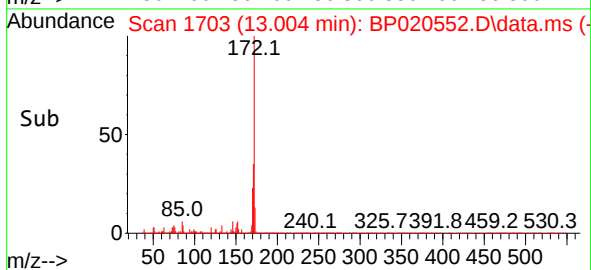
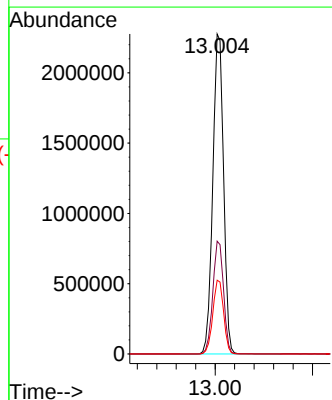
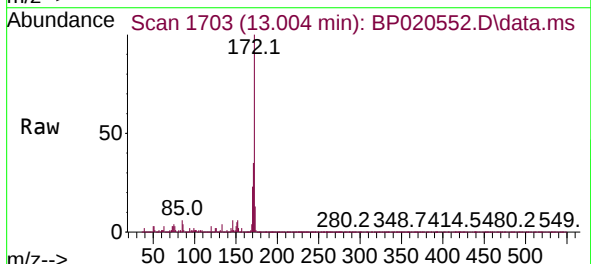
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WCS-TPC

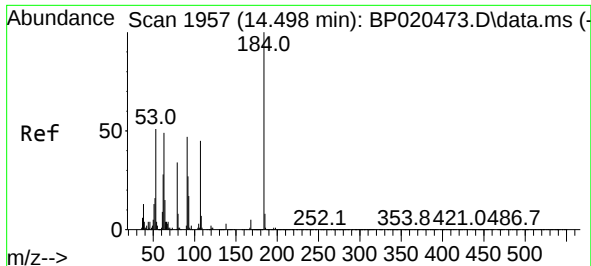
Tgt Ion:330 Resp: 1132855
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 29.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 74.131 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:172 Resp: 3476677
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.1 18.9 28.3

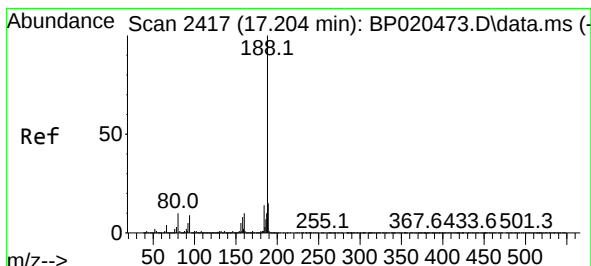
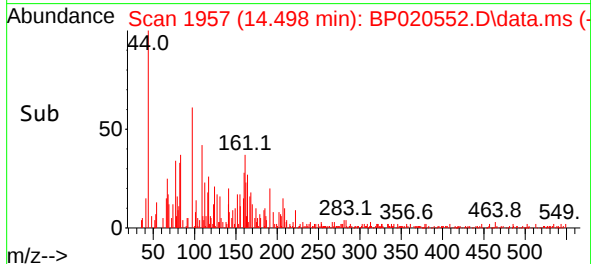
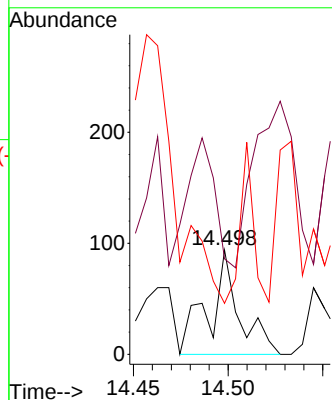
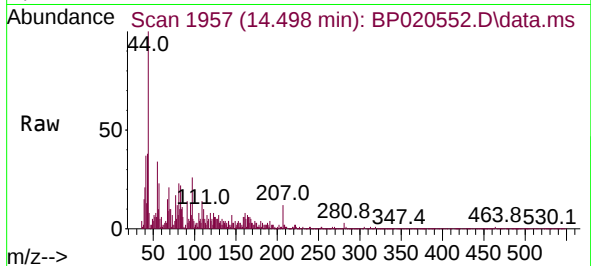




#54
2,4-Dinitrophenol
Concen: 5.003 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

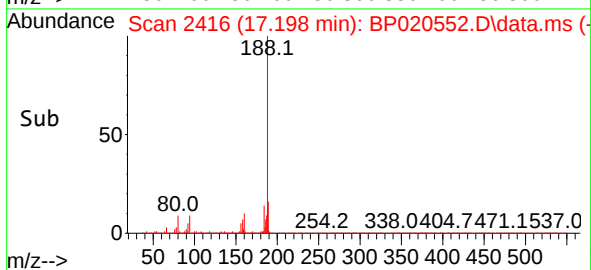
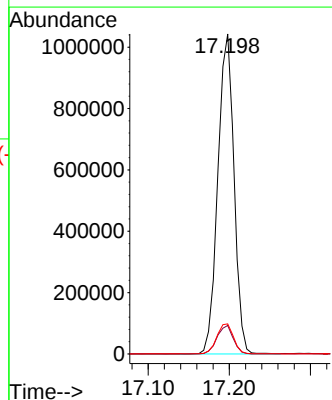
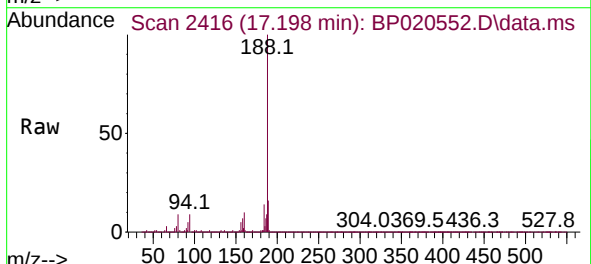
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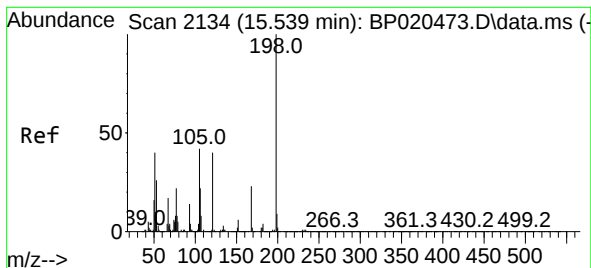
Tgt Ion:184 Resp: 105
Ion Ratio Lower Upper
184 100
63 91.5 54.2 81.4#
154 48.9 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:188 Resp: 1444313
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.4 8.1 12.1

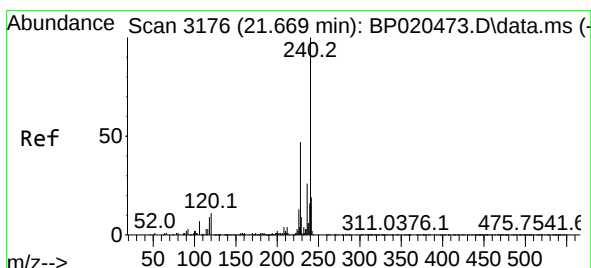
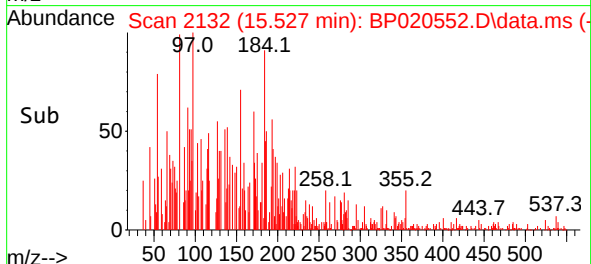
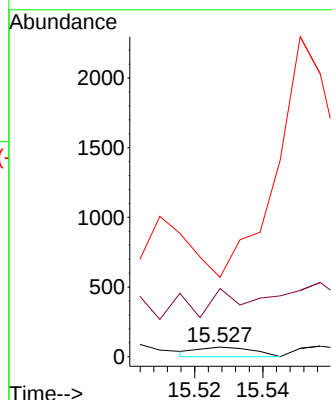
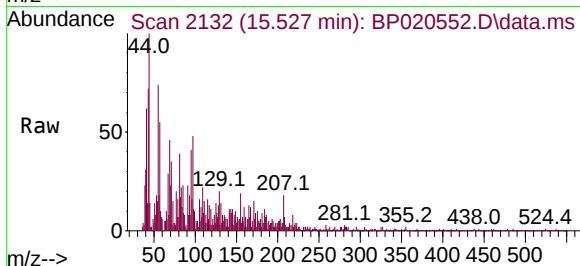




#65
4,6-Dinitro-2-methylphenol
Concen: 7.663 ng
RT: 15.527 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

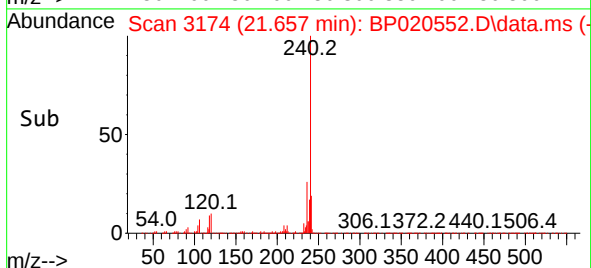
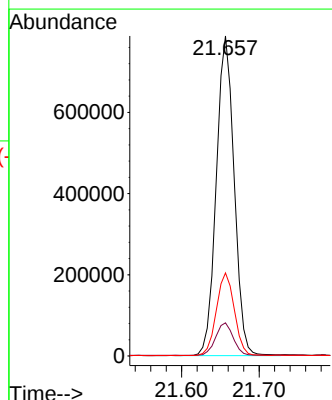
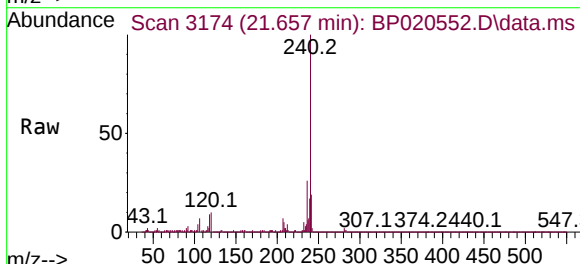
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BNA_P
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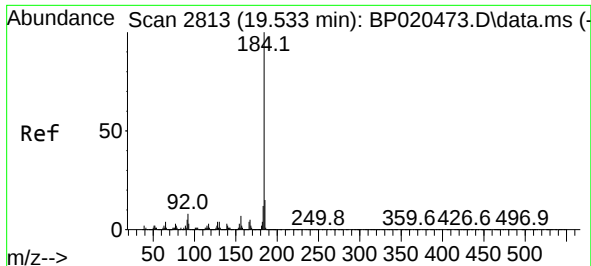
Tgt Ion:198 Resp: 77
Ion Ratio Lower Upper
198 100
51 708.7 24.8 64.8#
105 826.1 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:240 Resp: 1261282
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.9 20.5 30.7





#77

Benzidine

Concen: 5.974 ng

RT: 19.539 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP020552.D

Acq: 06 Jun 2024 22:44

Instrument :

BNA_P

ClientSampleId :

WCS-TPC

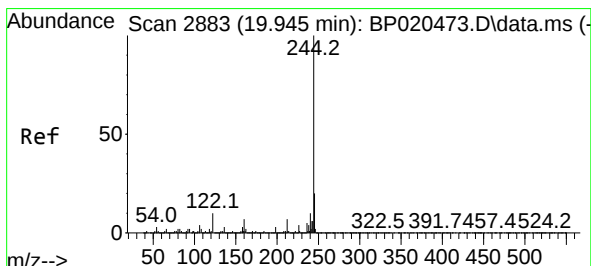
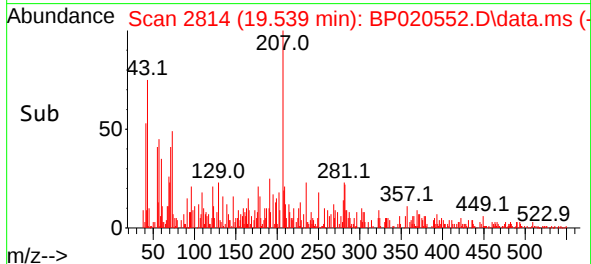
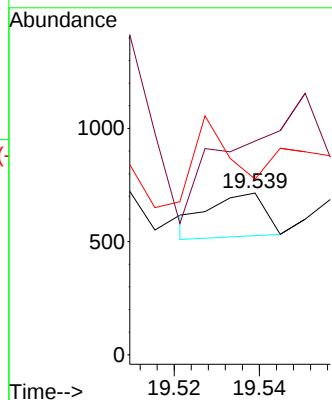
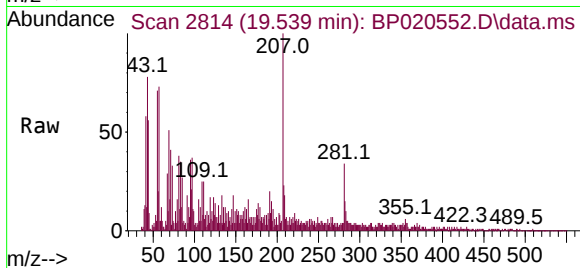
Tgt Ion:184 Resp: 173

Ion Ratio Lower Upper

184 100

185 132.2 12.0 18.0#

183 108.7 9.4 14.0#



#79

Terphenyl-d14

Concen: 68.085 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020552.D

Acq: 06 Jun 2024 22:44

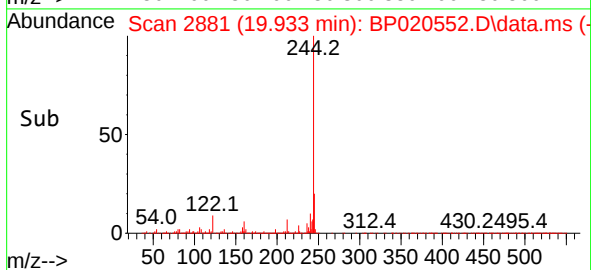
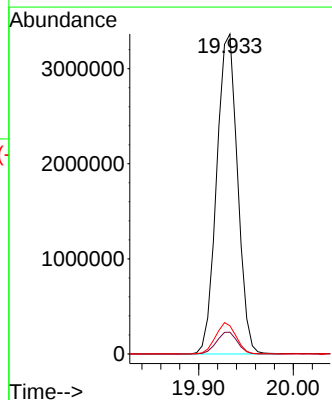
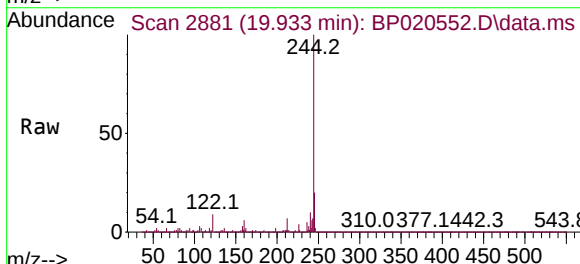
Tgt Ion:244 Resp: 5158476

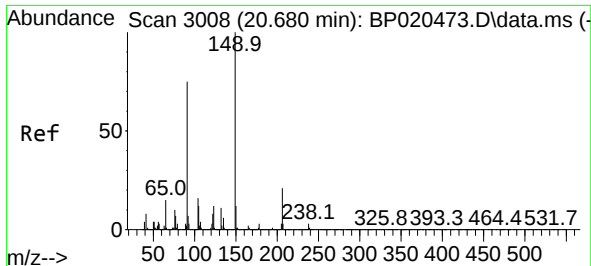
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 8.8 8.2 12.2

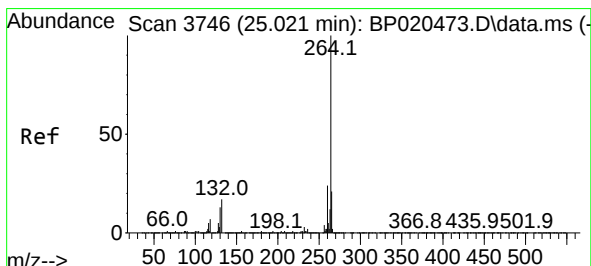
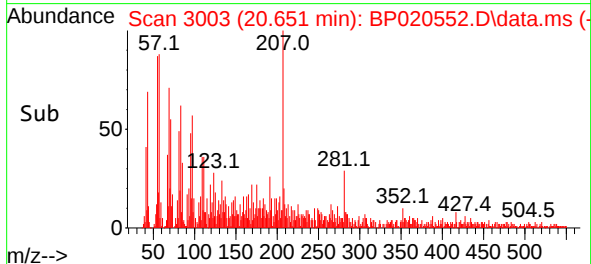
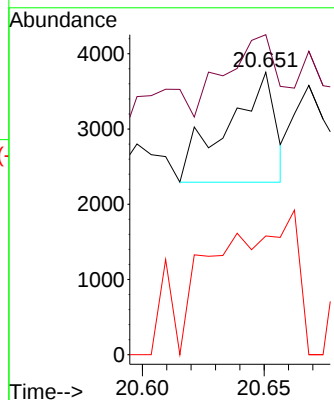
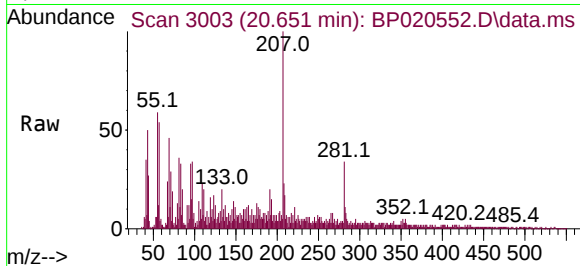




#80
Butylbenzylphthalate
Concen: 2.481 ng
RT: 20.651 min Scan# 3003
Delta R.T. -0.029 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Instrument :
BNA_P
ClientSampleId :
WCS-TPC

Tgt Ion:149 Resp: 2003
Ion Ratio Lower Upper
149 100
91 113.3 60.0 90.0#
206 42.1 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:264 Resp: 1484867
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 22.1 17.4 26.0

