

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020635.D
 Acq On : 14 Jun 2024 21:56
 Operator : MA/JU
 Sample : P2889-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPJ

Quant Time: Jun 14 22:57:12 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)

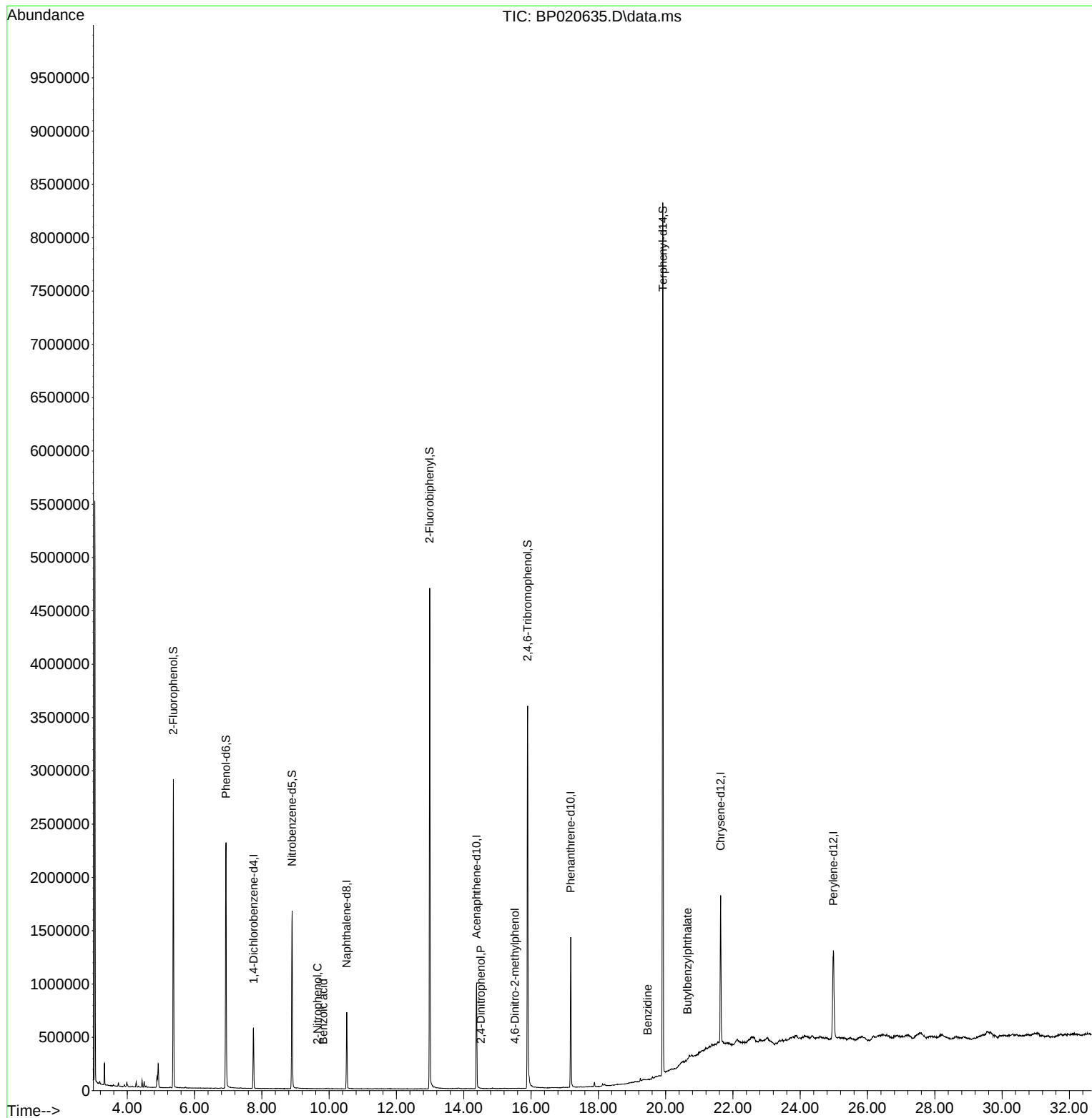
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	155333	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	590418	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	396141	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	903675	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	862722	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1001922	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1205021	138.897	ng	0.00
7) Phenol-d6	6.934	99	1399190	114.361	ng	0.00
23) Nitrobenzene-d5	8.899	82	995722	92.317	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	806275	196.118	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	2400505	90.334	ng	-0.02
79) Terphenyl-d14	19.916	244	4703897	90.767	ng	-0.03
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.652	139	22	3.796	ng	# 1
32) Benzoic acid	9.822	122	31	6.853	ng	# 1
54) 2,4-Dinitrophenol	14.510	184	34	4.990	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	40	7.662	ng	# 1
77) Benzidine	19.463	184	143	5.975	ng	# 1
80) Butylbenzylphthalate	20.651	149	1384	2.481	ng	# 85

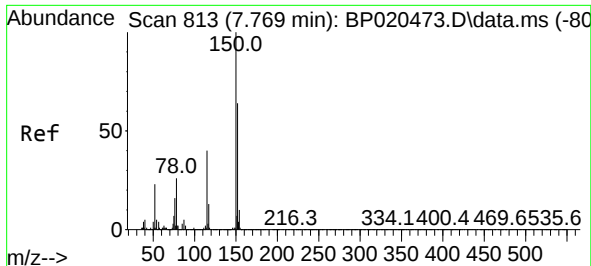
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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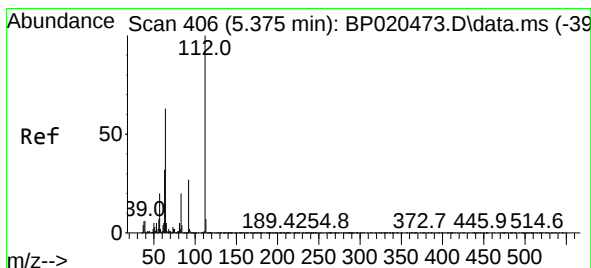
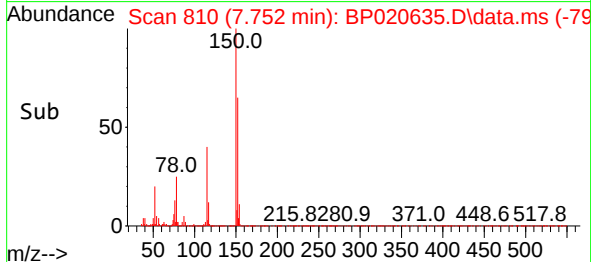
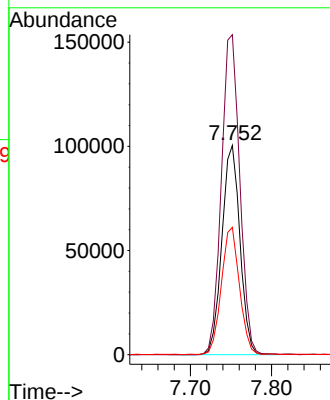
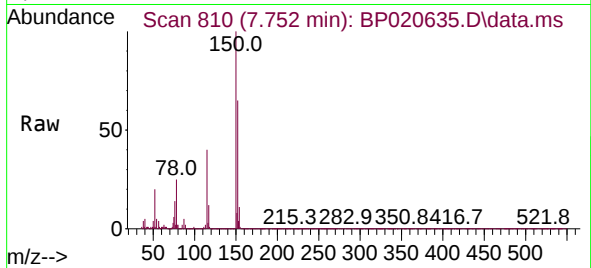




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

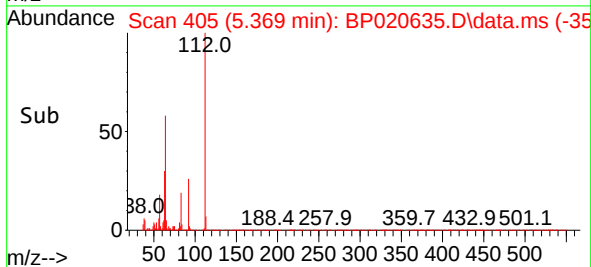
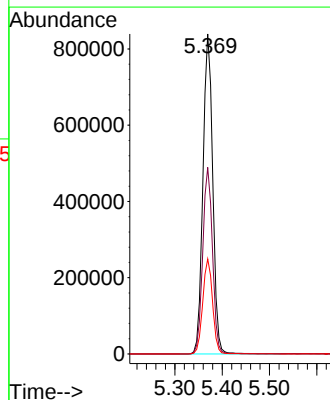
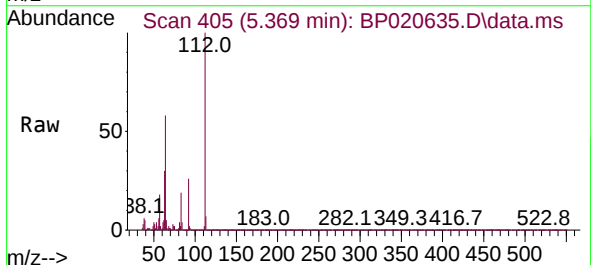
Instrument :
BNA_P
ClientSampleId :
WCS-TPJ

Tgt Ion:152 Resp: 155333
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 60.8 49.5 74.3



#5
2-Fluorophenol
Concen: 138.897 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:112 Resp: 1205021
Ion Ratio Lower Upper
112 100
64 58.3 50.1 75.1
63 29.7 25.7 38.5

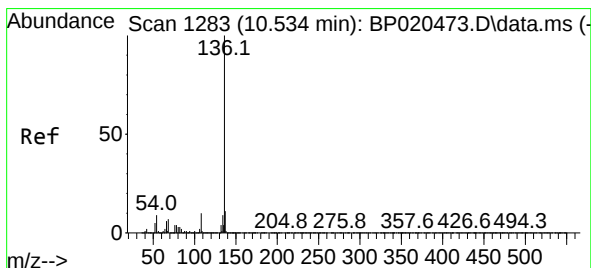
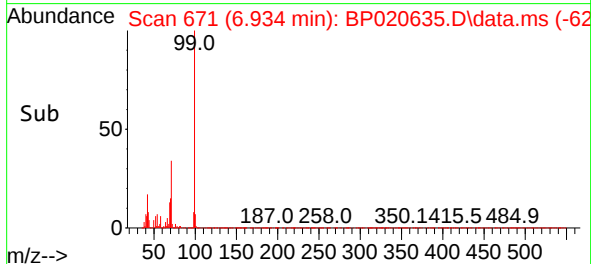
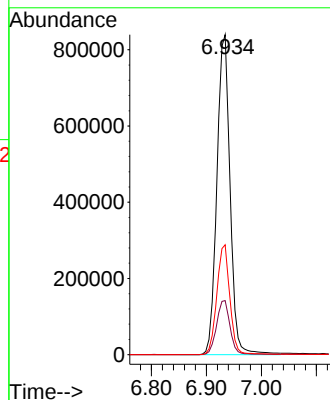
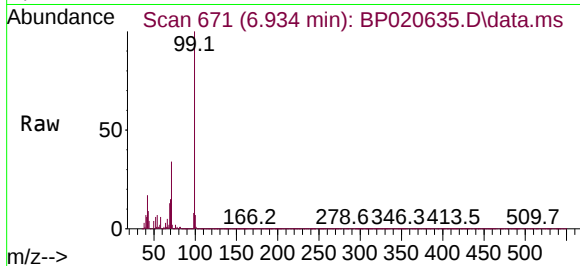




#7
Phenol-d6
Concen: 114.361 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

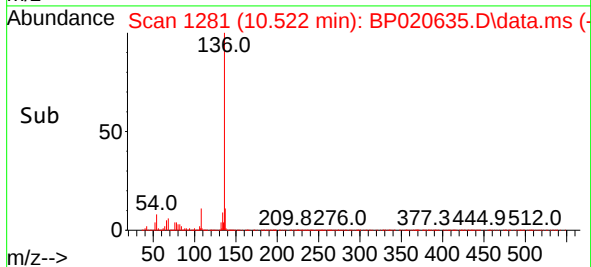
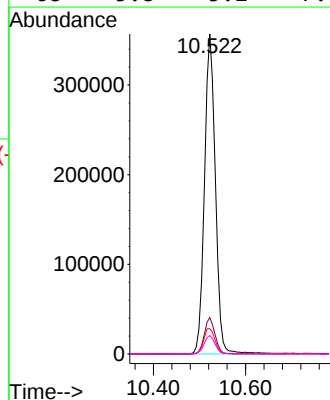
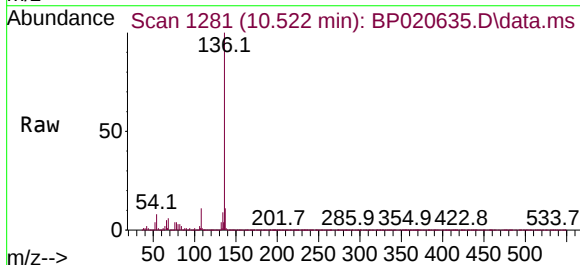
Instrument :
BNA_P
ClientSampleId :
WCS-TPJ

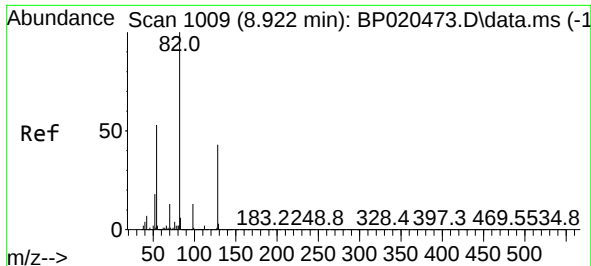
Tgt Ion: 99 Resp: 1399190
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion: 136 Resp: 590418
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.9 7.4 11.0
68 5.8 5.2 7.8

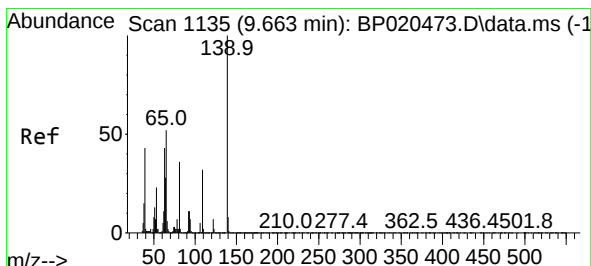
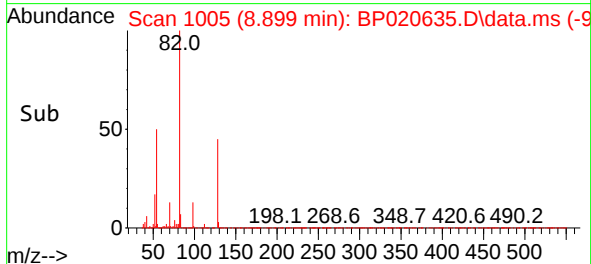
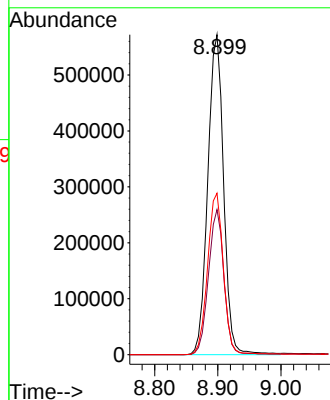
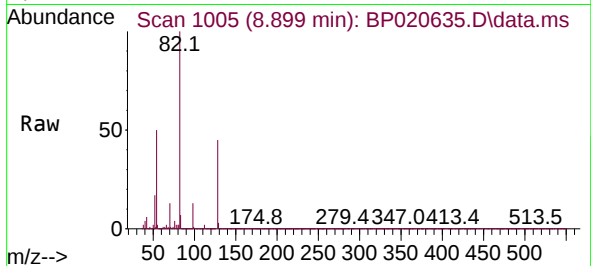




#23
Nitrobenzene-d5
Concen: 92.317 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

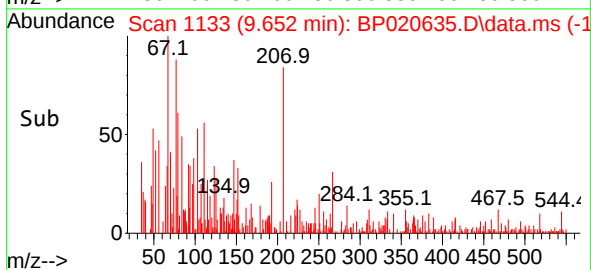
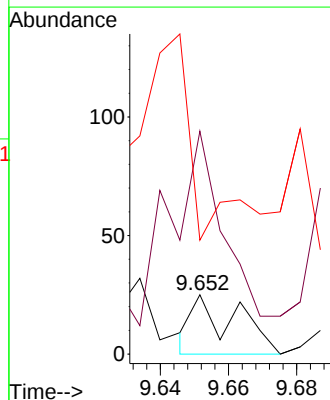
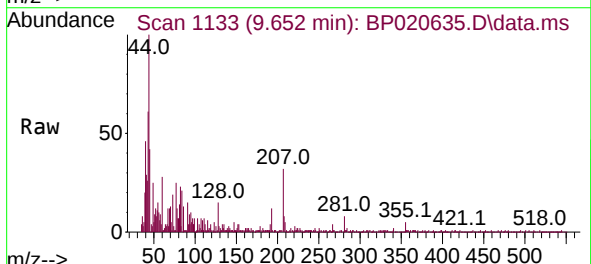
Instrument :
BNA_P
ClientSampleId :
WCS-TPJ

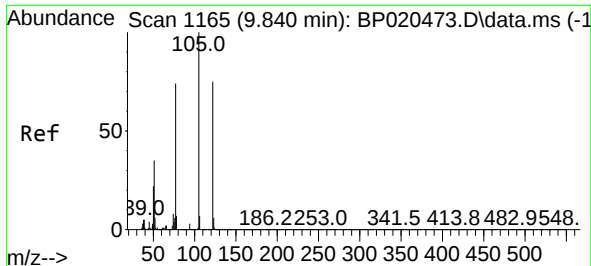
Tgt Ion: 82 Resp: 995722
Ion Ratio Lower Upper
82 100
128 45.3 34.2 51.4
54 50.5 42.7 64.1



#26
2-Nitrophenol
Concen: 3.796 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 376.0 25.8 38.8#
65 192.0 41.8 62.8#

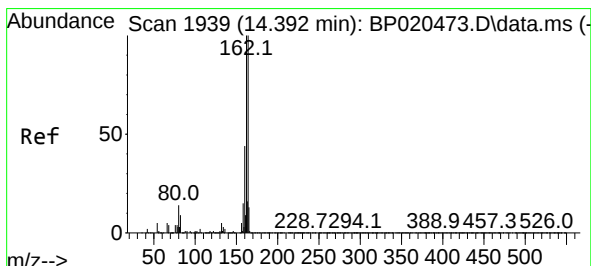
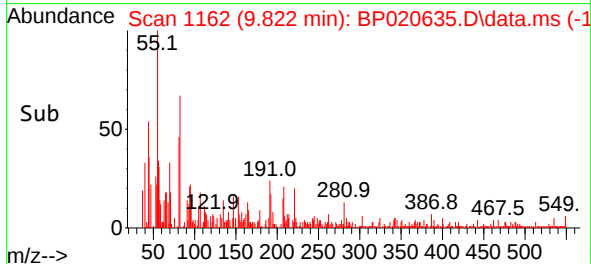
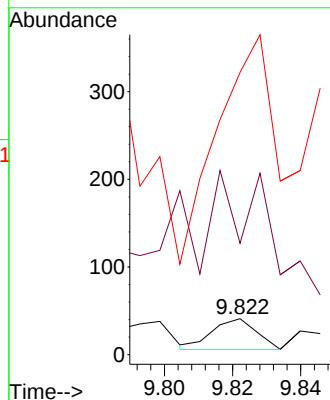
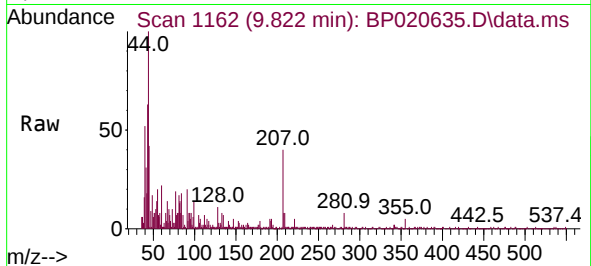




#32
Benzoic acid
Concen: 6.853 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

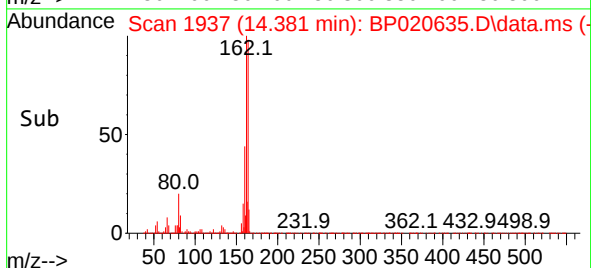
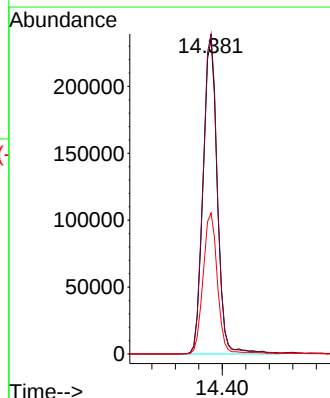
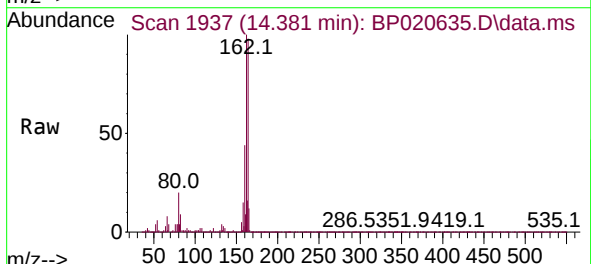
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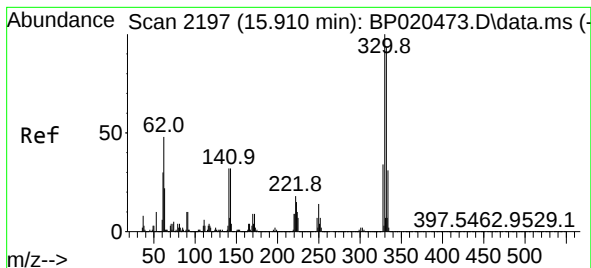
Tgt Ion:122 Resp: 31
Ion Ratio Lower Upper
122 100
105 309.8 107.5 147.5#
77 785.4 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:164 Resp: 396141
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.9 35.4 53.2

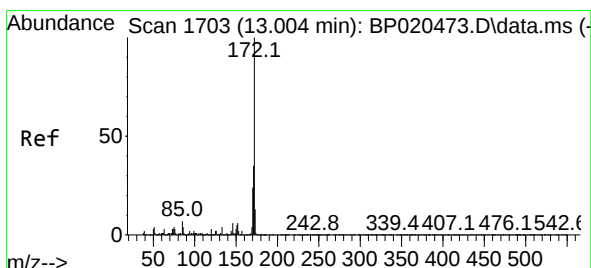
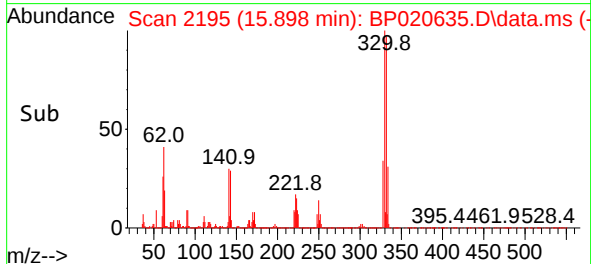
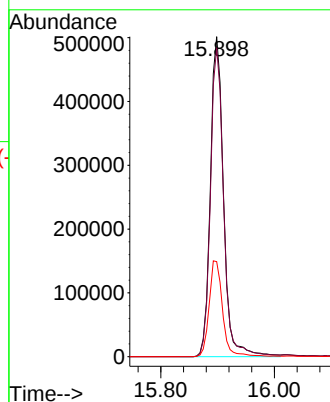
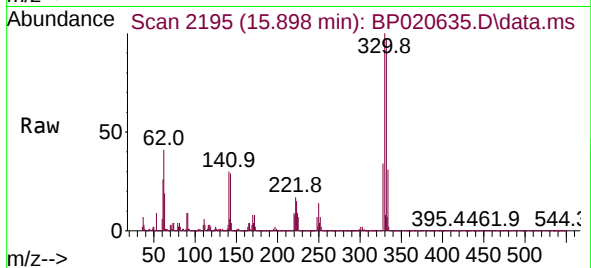




#42
2,4,6-Tribromophenol
Concen: 196.118 ng
RT: 15.898 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

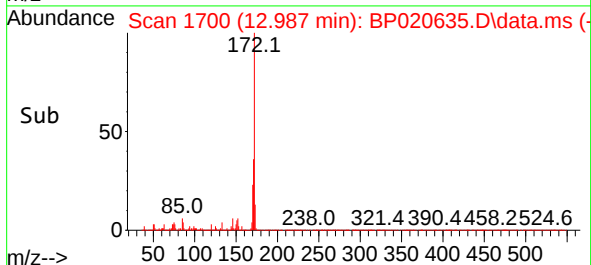
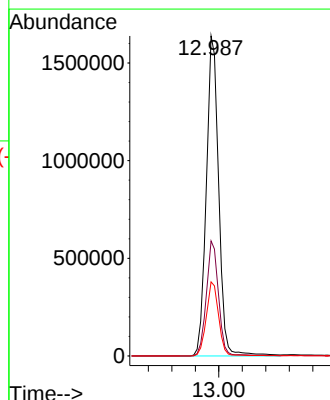
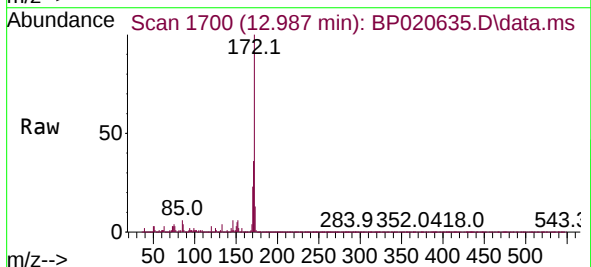
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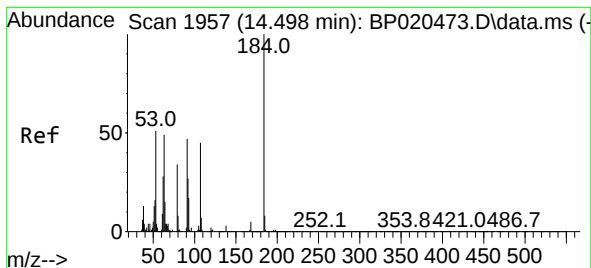
Tgt Ion:330 Resp: 806275
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 30.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 90.334 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:172 Resp: 2400505
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.1 18.9 28.3

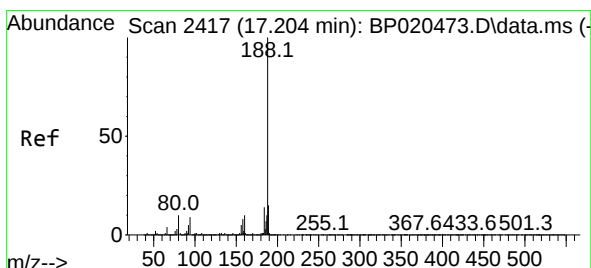
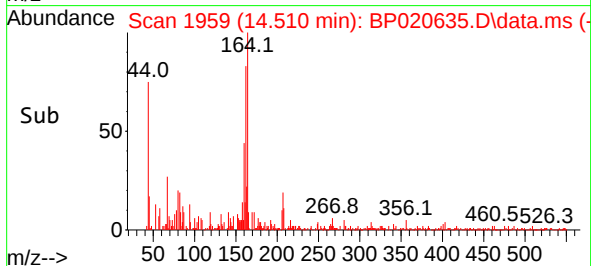
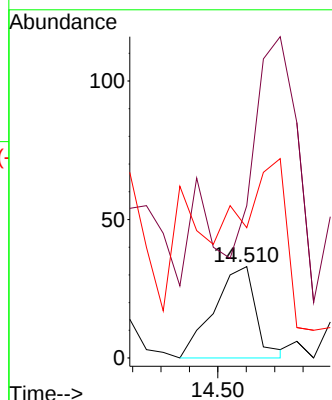
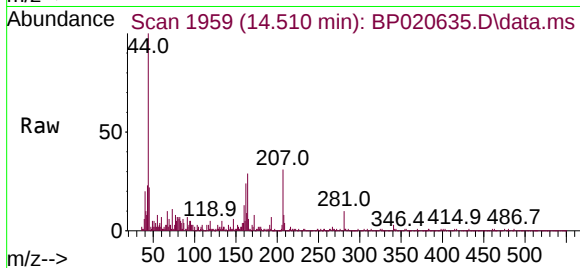




#54
2,4-Dinitrophenol
Concen: 4.990 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

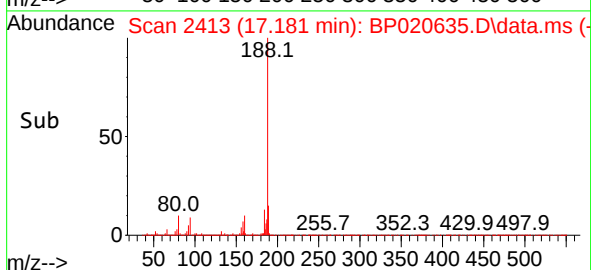
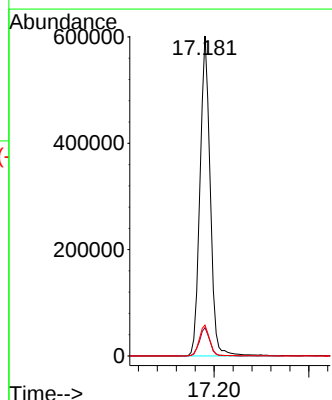
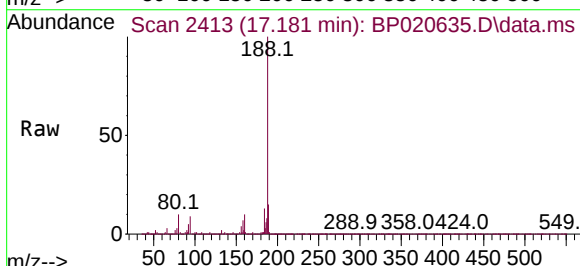
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BNA_P
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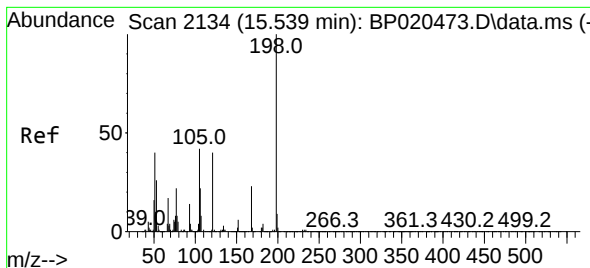
Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 166.7 54.2 81.4#
154 142.4 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.023 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:188 Resp: 903675
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 8.1 12.1

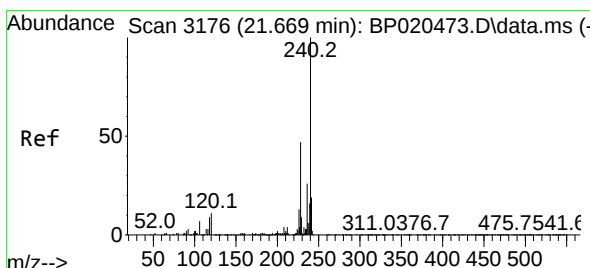
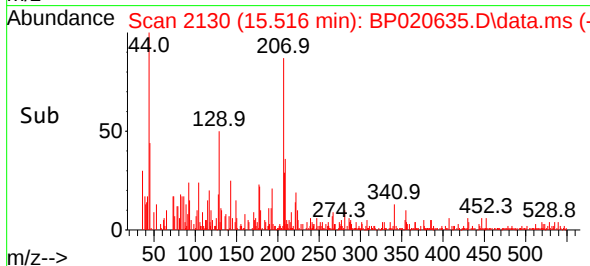
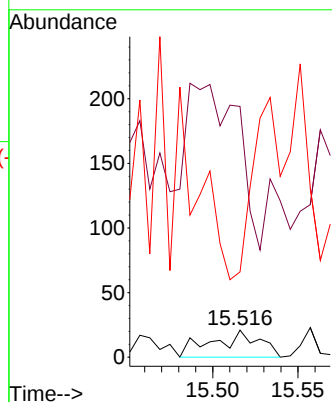
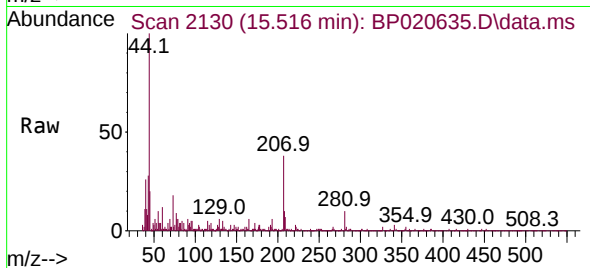




#65
4,6-Dinitro-2-methylphenol
Concen: 7.662 ng
RT: 15.516 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

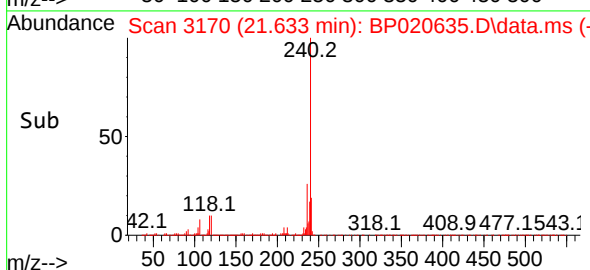
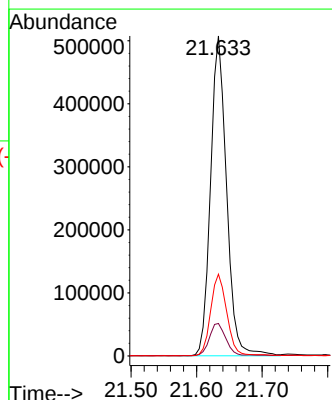
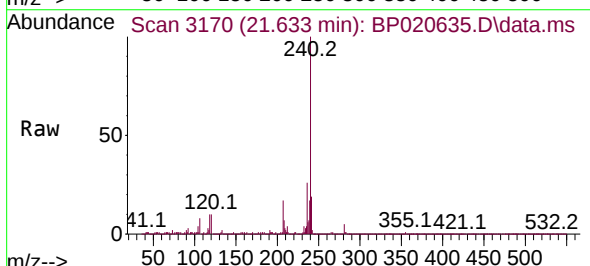
Instrument :
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WCS-TPJ

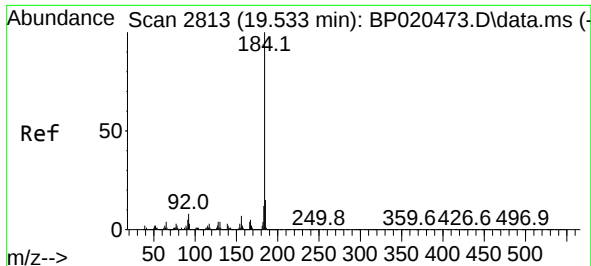
Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
51 923.8 24.8 64.8#
105 314.3 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BP020635.D
Acq: 14 Jun 2024 21:56

Tgt Ion:240 Resp: 862722
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.6 20.5 30.7





#77

Benzidine

Concen: 5.975 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.070 min

Lab File: BP020635.D

Acq: 14 Jun 2024 21:56

Instrument :

BNA_P

ClientSampleId :

WCS-TPJ

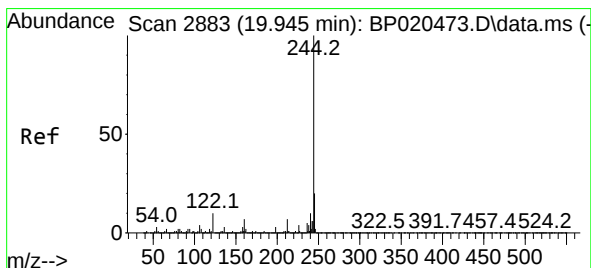
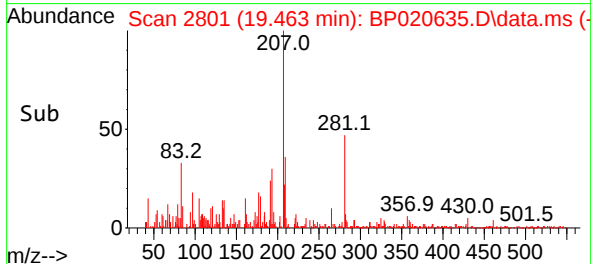
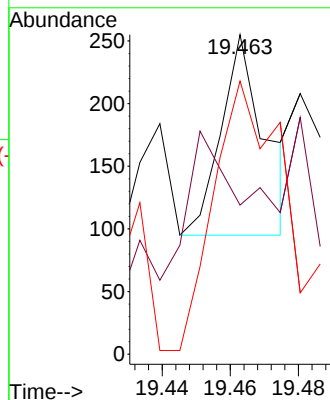
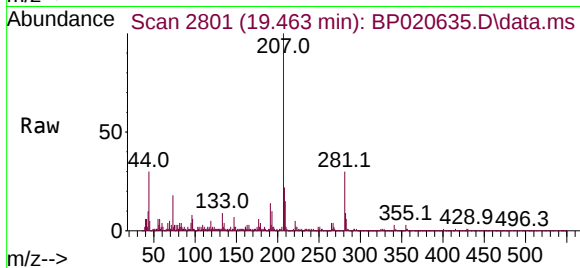
Tgt Ion:184 Resp: 143

Ion Ratio Lower Upper

184 100

185 58.0 12.0 18.0#

183 85.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 90.767 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.029 min

Lab File: BP020635.D

Acq: 14 Jun 2024 21:56

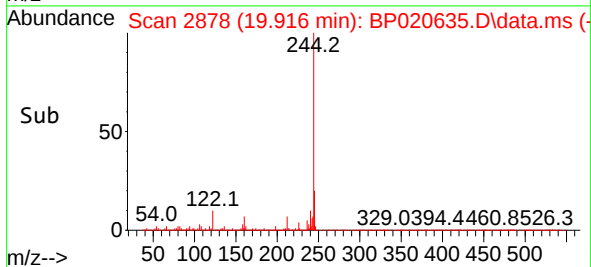
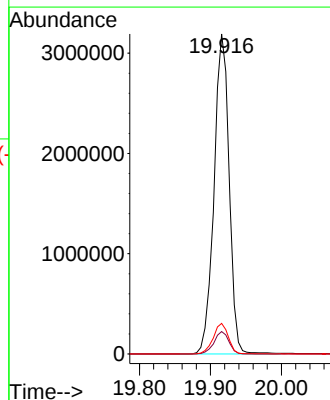
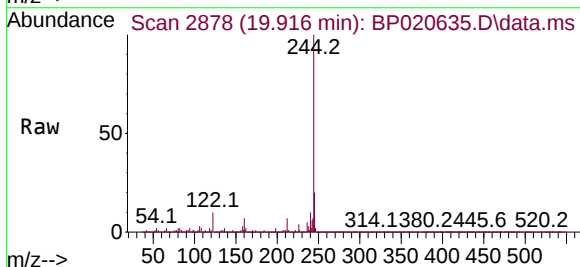
Tgt Ion:244 Resp: 4703897

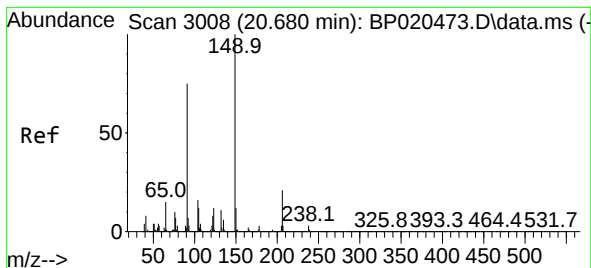
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.481 ng

RT: 20.651 min Scan# 3003

Delta R.T. -0.029 min

Lab File: BP020635.D

Acq: 14 Jun 2024 21:56

Instrument :

BNA_P

ClientSampleId :

WCS-TPJ

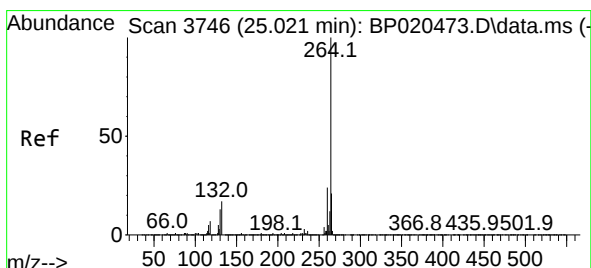
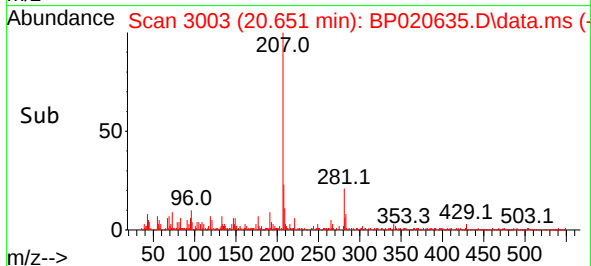
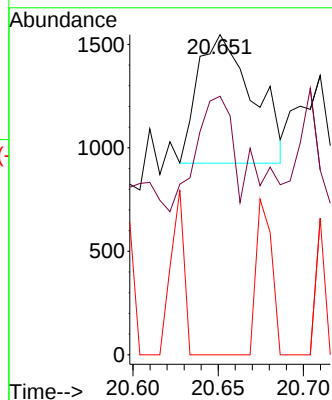
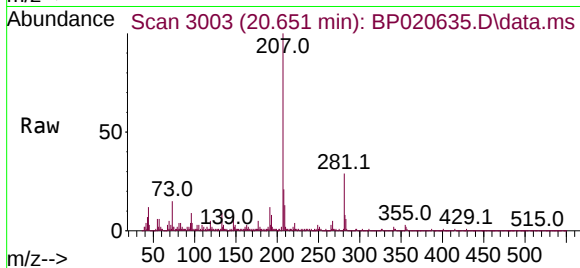
Tgt Ion:149 Resp: 1384

Ion Ratio Lower Upper

149 100

91 80.7 60.0 90.0

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3740

Delta R.T. -0.035 min

Lab File: BP020635.D

Acq: 14 Jun 2024 21:56

Tgt Ion:264 Resp: 1001922

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.4 17.4 26.0

