

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020521.D
 Acq On : 05 Jun 2024 17:26
 Operator : MA/JU
 Sample : PB161290BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161290BL

Quant Time: Jun 05 18:07:23 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)

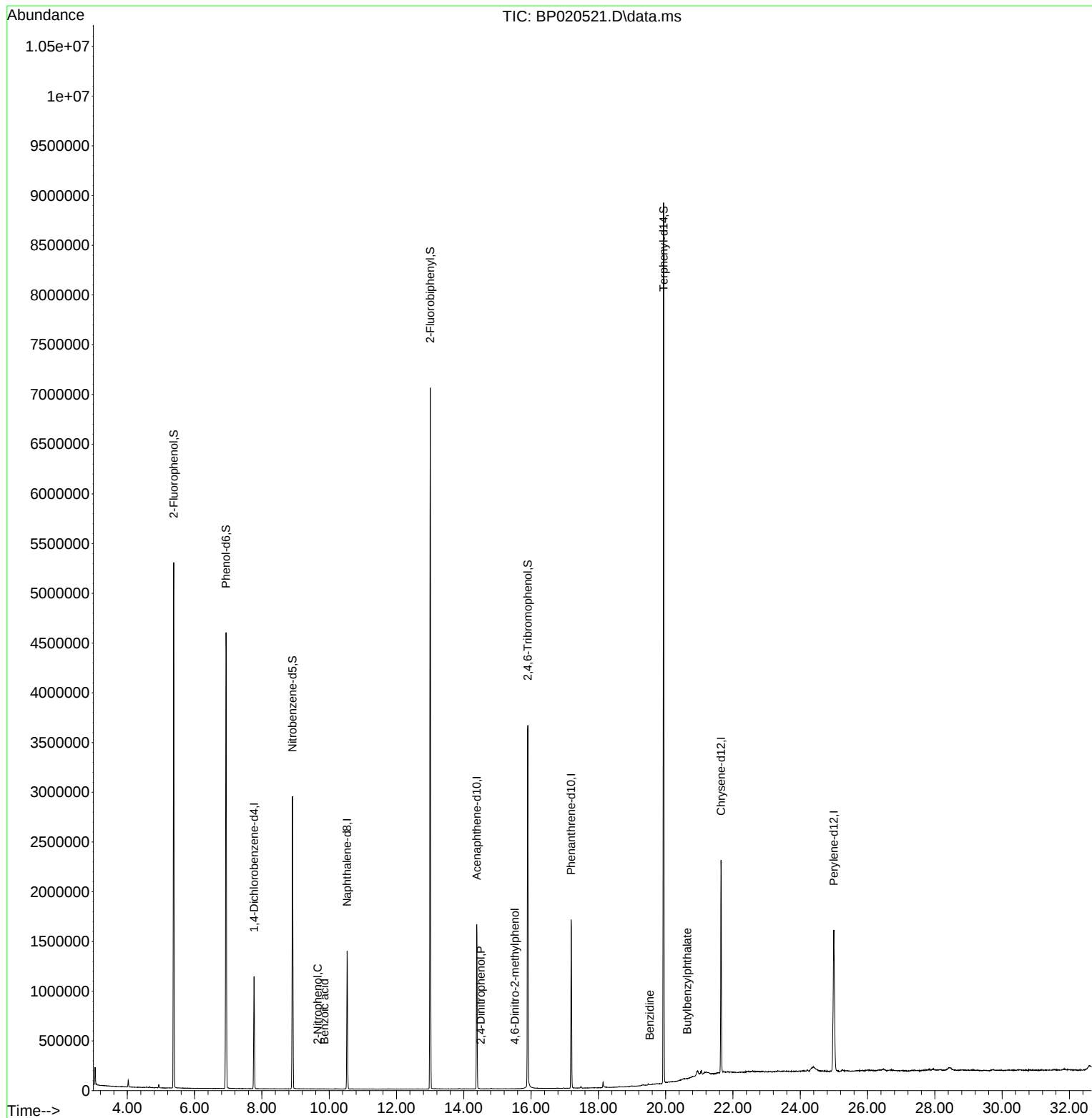
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	310050	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1093613	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	588546	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1066386	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1156500	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1515771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2229479	128.746	ng	0.00
7) Phenol-d6	6.934	99	2695763	110.386	ng	0.00
23) Nitrobenzene-d5	8.910	82	1707215	85.454	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	752299	123.167	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3481196	88.175	ng	0.00
79) Terphenyl-d14	19.939	244	4673343	67.270	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.663	139	24	3.794	ng	# 1
32) Benzoic acid	9.857	122	73	6.854	ng	# 1
54) 2,4-Dinitrophenol	14.510	184	26	4.982	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	8	7.655	ng	# 1
77) Benzidine	19.533	184	1927	6.012	ng	# 92
80) Butylbenzylphthalate	20.639	149	54	2.432	ng	# 58

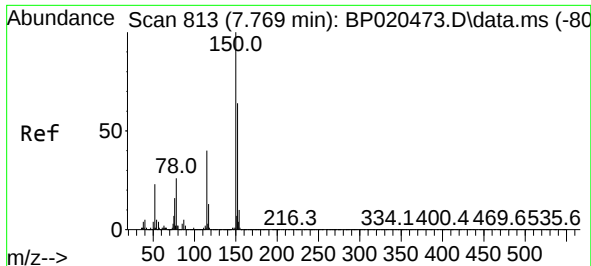
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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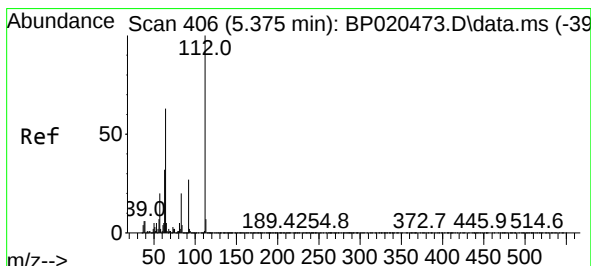
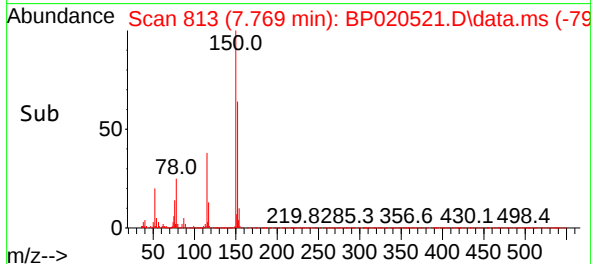
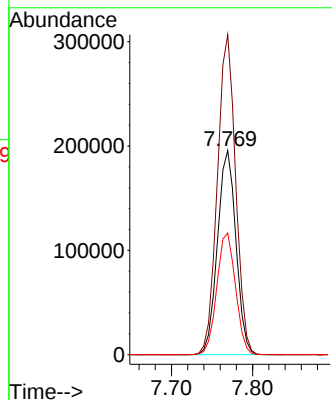
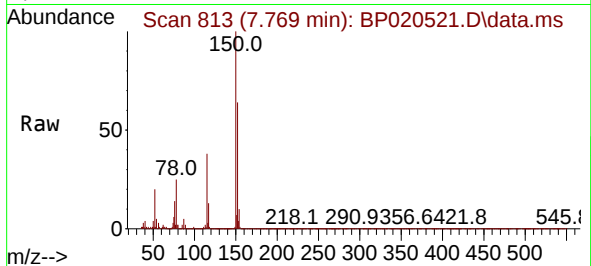




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

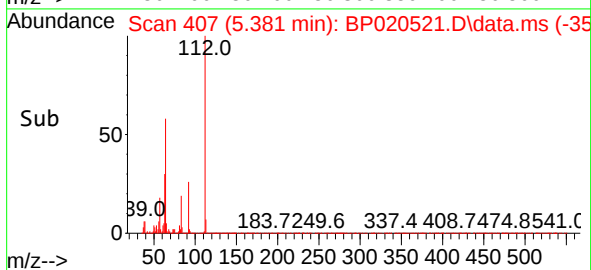
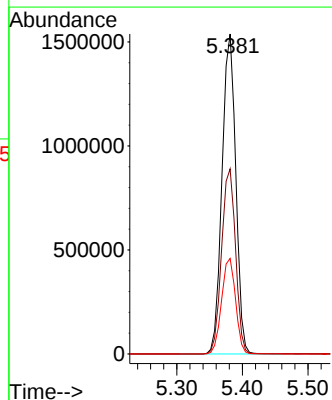
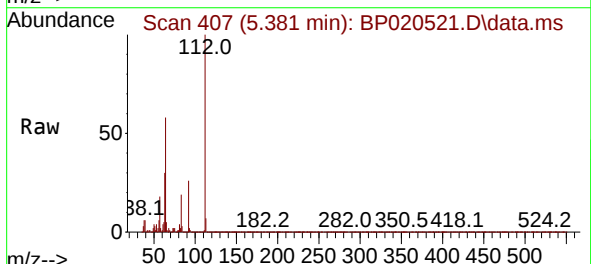
Instrument :
BNA_P
ClientSampleId :
PB161290BL

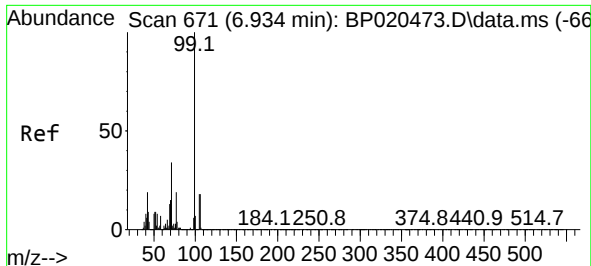
Tgt Ion:152 Resp: 310050
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 128.746 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:112 Resp: 2229479
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.9 25.7 38.5



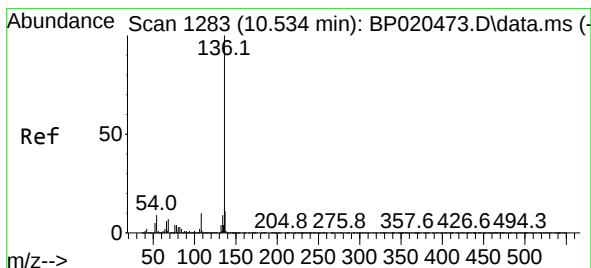
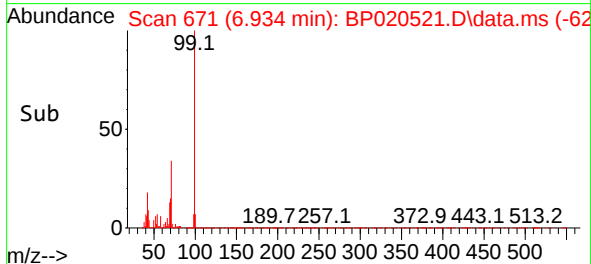
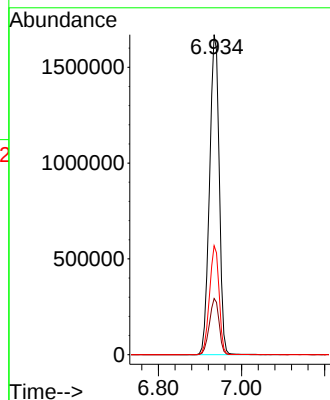
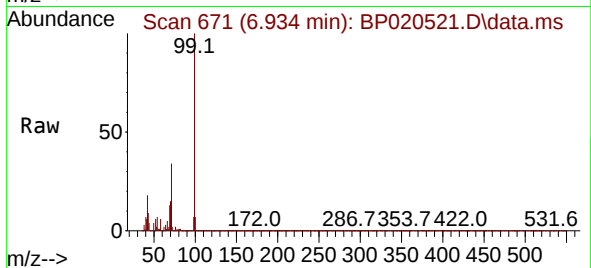


#7
Phenol-d6
Concen: 110.386 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Instrument :
BNA_P
ClientSampleId :
PB161290BL

Tgt Ion: 99 Resp: 2695763

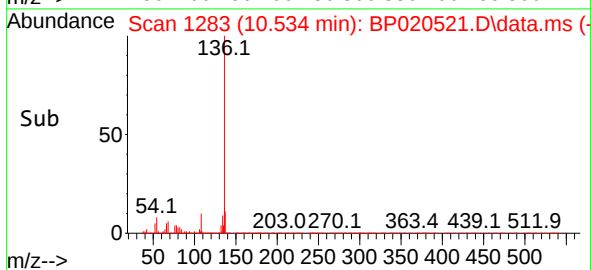
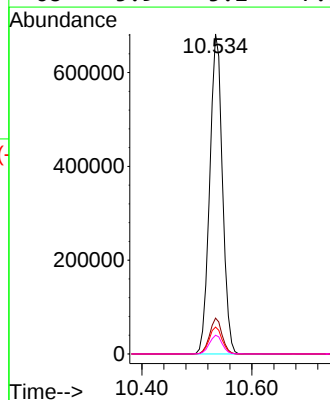
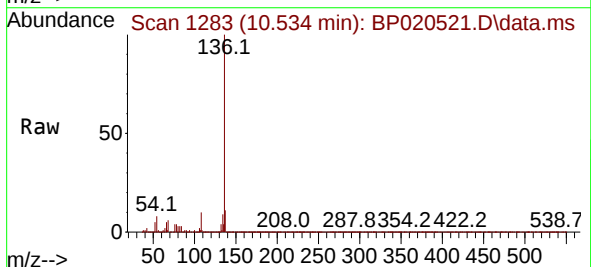
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	34.1	27.3	40.9

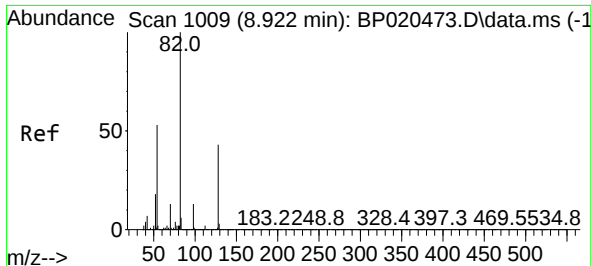


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:136 Resp: 1093613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.4	7.4	11.0
68	5.9	5.2	7.8





#23

Nitrobenzene-d5

Concen: 85.454 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

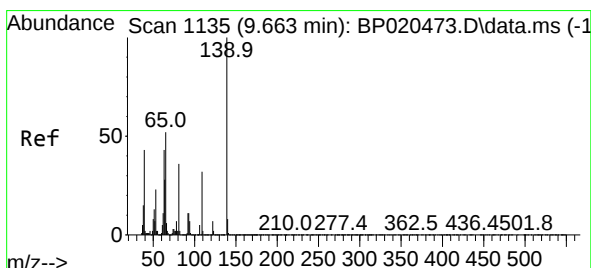
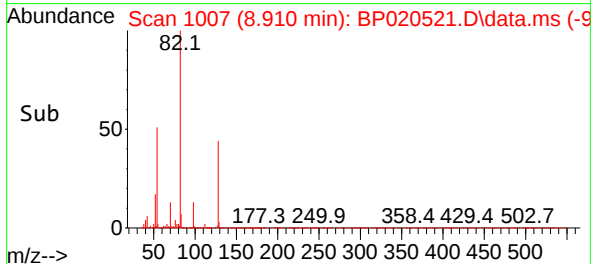
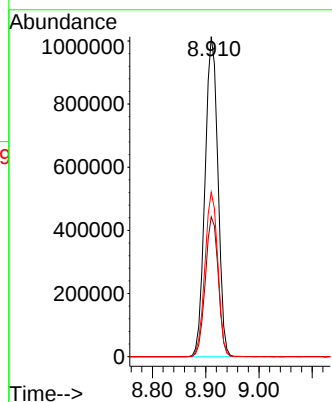
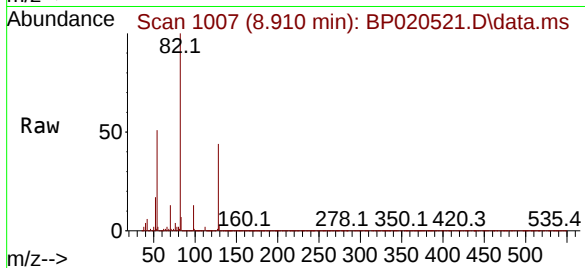
Tgt Ion: 82 Resp: 1707215

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.4

54 51.4 42.7 64.1



#26

2-Nitrophenol

Concen: 3.794 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

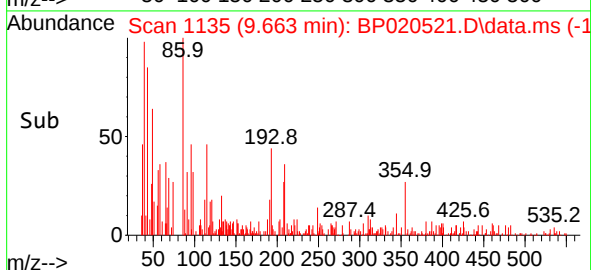
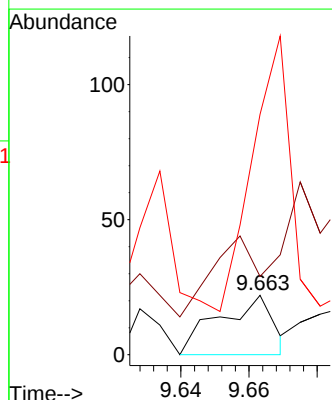
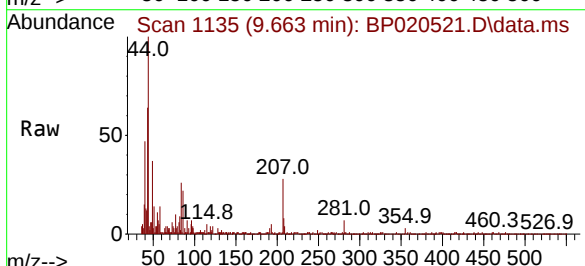
Tgt Ion:139 Resp: 24

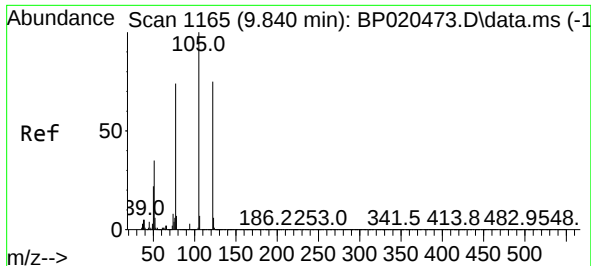
Ion Ratio Lower Upper

139 100

109 131.8 25.8 38.8#

65 404.5 41.8 62.8#

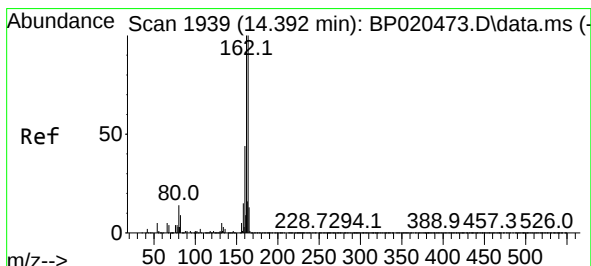
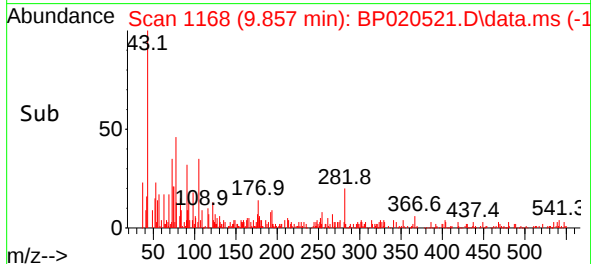
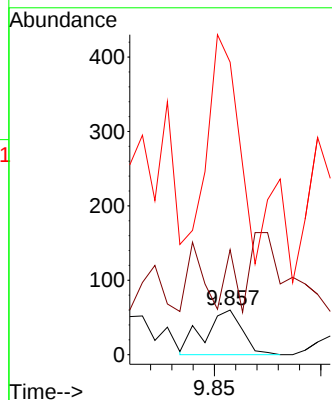
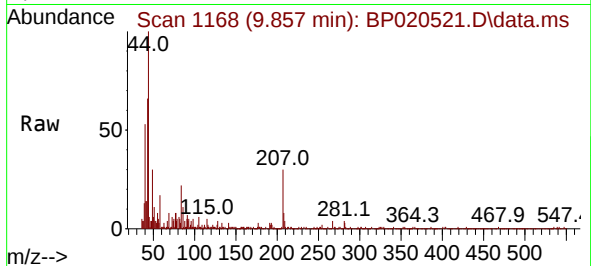




#32
Benzoic acid
Concen: 6.854 ng
RT: 9.857 min Scan# 1165
Delta R.T. 0.017 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

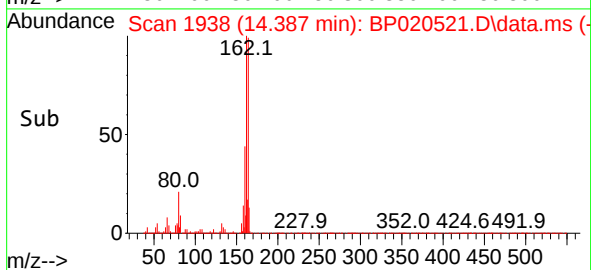
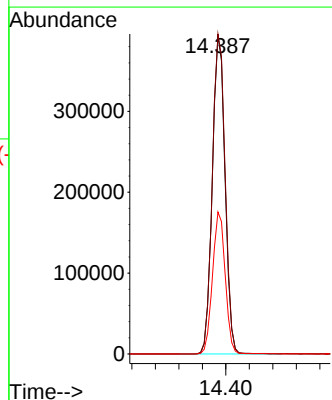
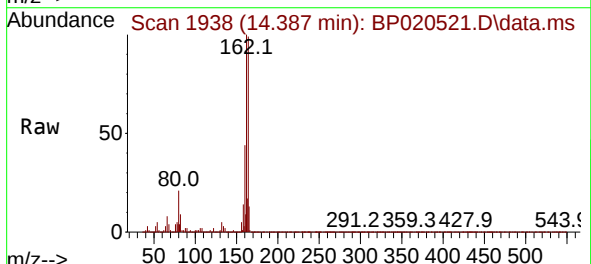
Instrument :
BNA_P
ClientSampleId :
PB161290BL

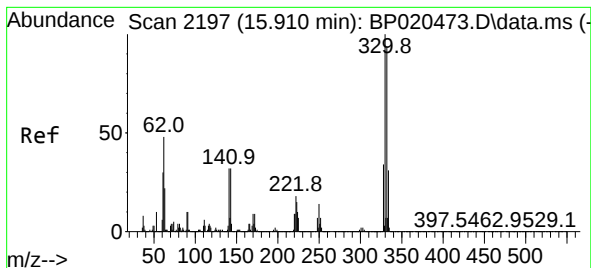
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 235.0 107.5 147.5#
77 655.0 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:164 Resp: 588546
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 123.167 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

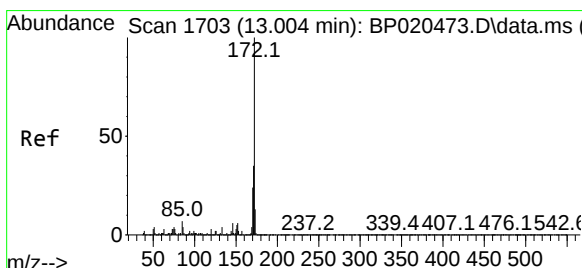
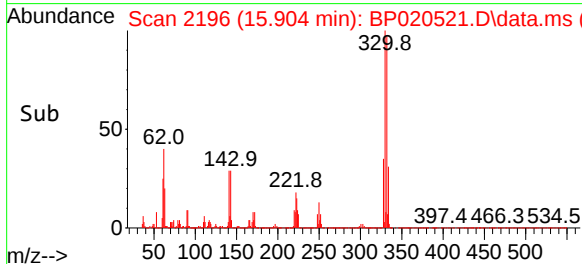
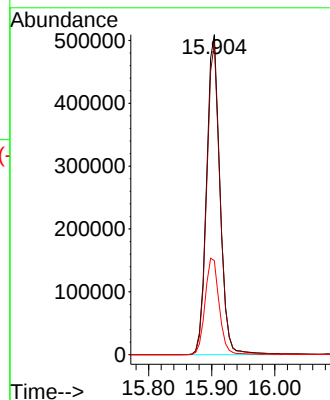
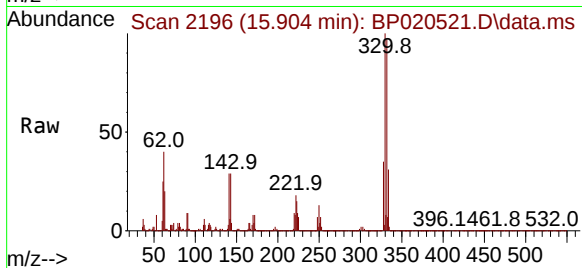
Tgt Ion:330 Resp: 752299

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 31.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 88.175 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

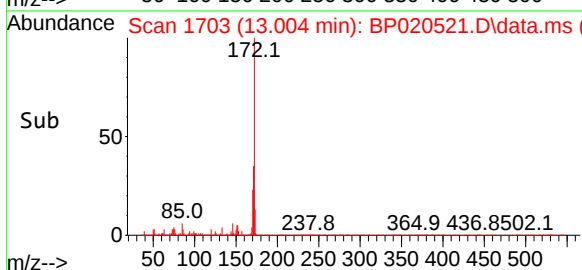
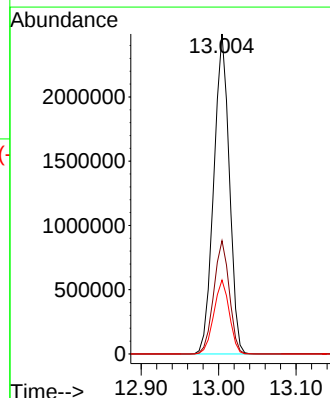
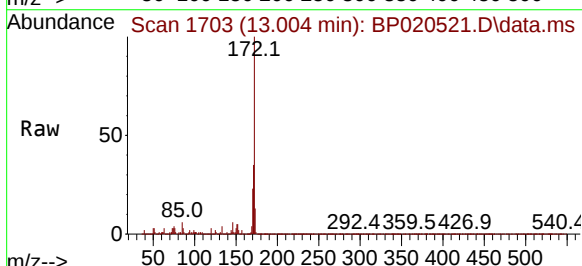
Tgt Ion:172 Resp: 3481196

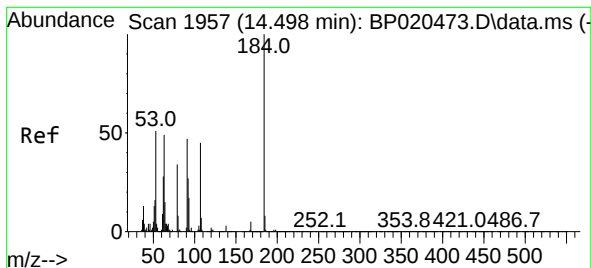
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.1 18.9 28.3

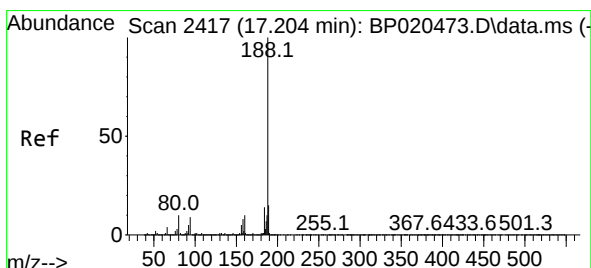
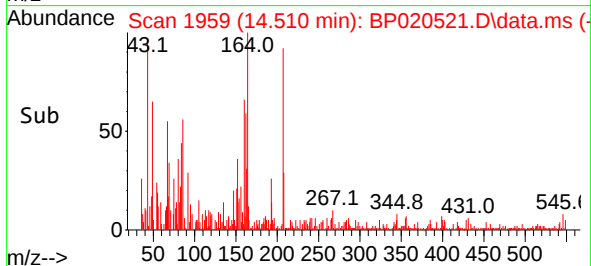
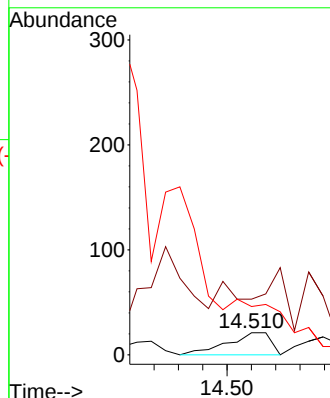
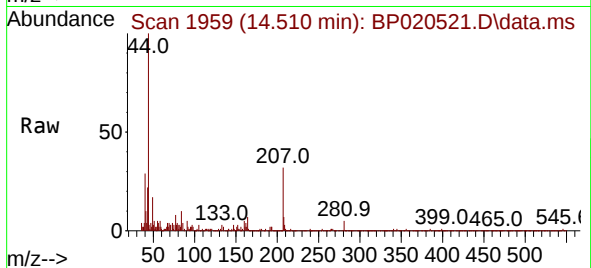




#54
2,4-Dinitrophenol
Concen: 4.982 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

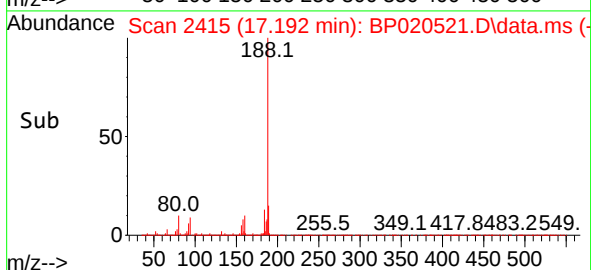
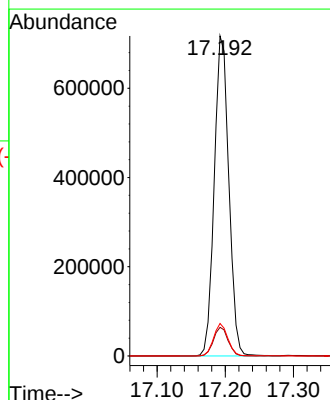
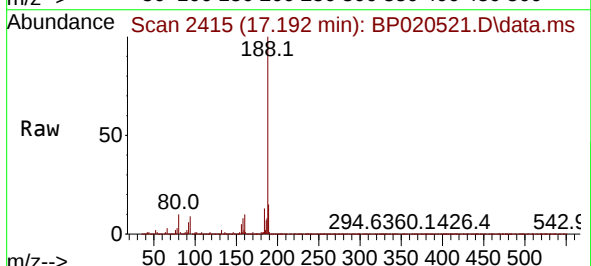
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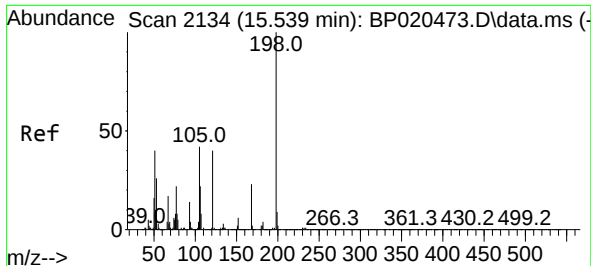
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 252.4 54.2 81.4#
154 219.0 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:188 Resp: 1066386
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.1 8.1 12.1

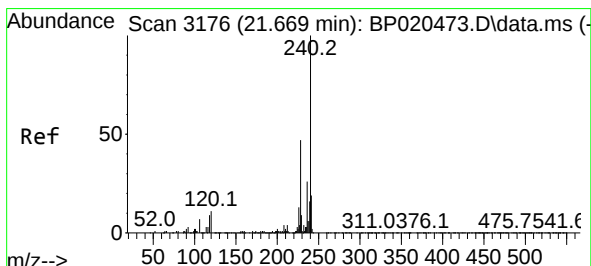
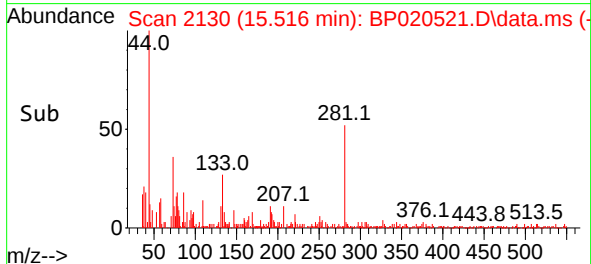
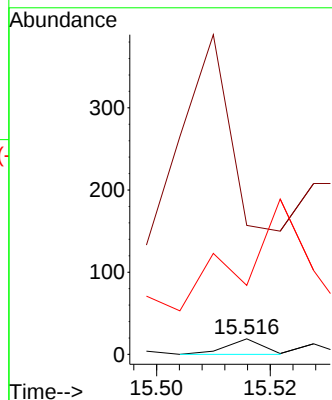
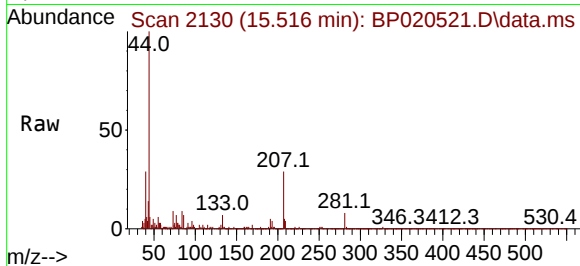




#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

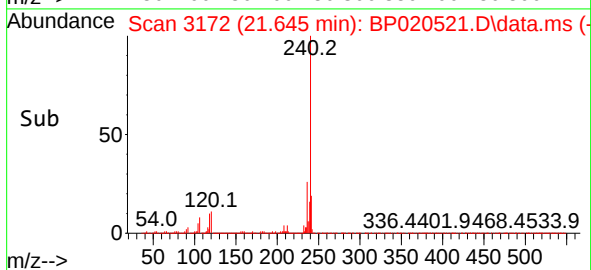
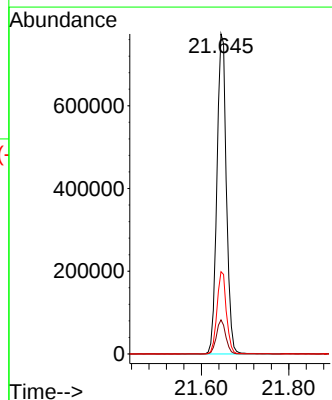
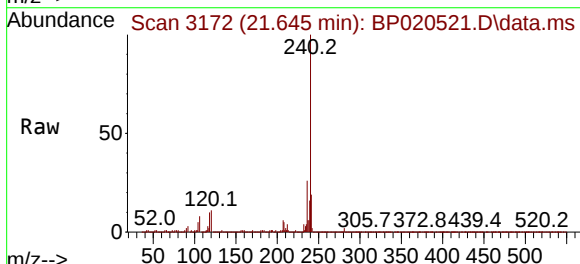
Instrument :
BNA_P
ClientSampleId :
PB161290BL

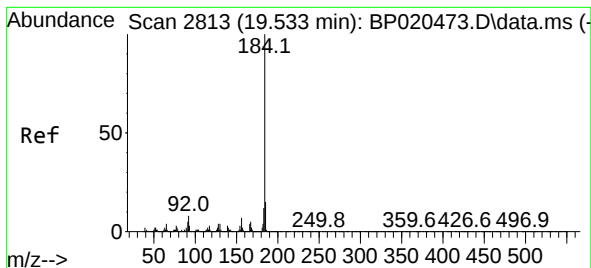
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 826.3 24.8 64.8#
105 442.1 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:240 Resp: 1156500
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.7 20.5 30.7





#77

Benzidine

Concen: 6.012 ng

RT: 19.533 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

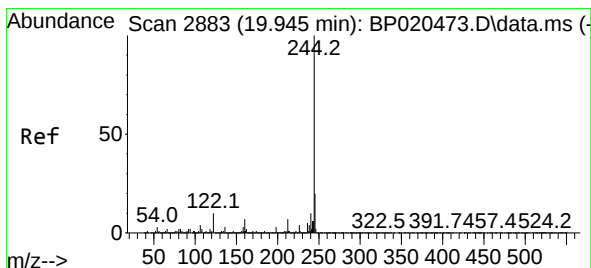
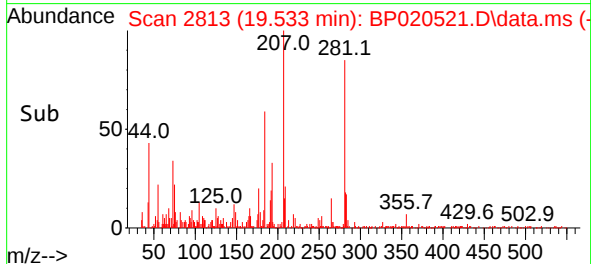
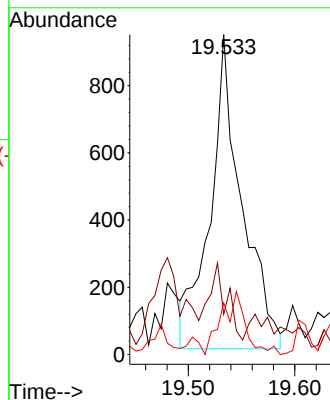
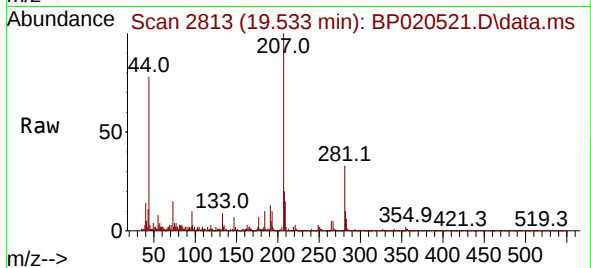
Tgt Ion:184 Resp: 1927

Ion Ratio Lower Upper

184 100

185 12.6 12.0 18.0

183 16.2 9.4 14.0#



#79

Terphenyl-d14

Concen: 67.270 ng

RT: 19.939 min Scan# 2882

Delta R.T. -0.006 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

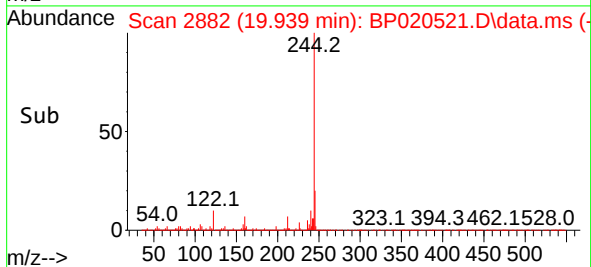
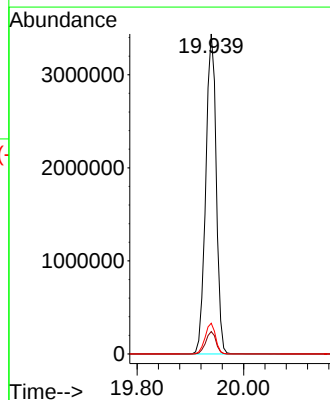
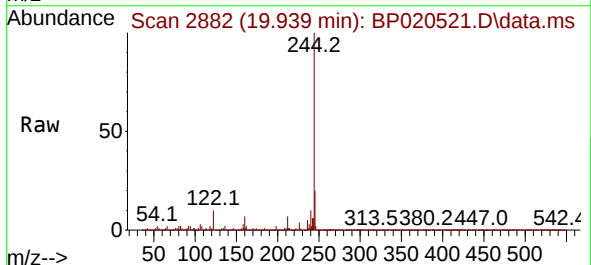
Tgt Ion:244 Resp: 4673343

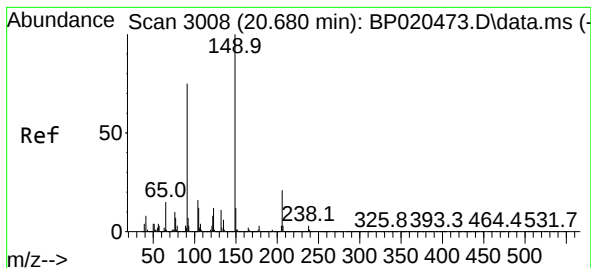
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.432 ng

RT: 20.639 min Scan# 3008

Delta R.T. -0.041 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

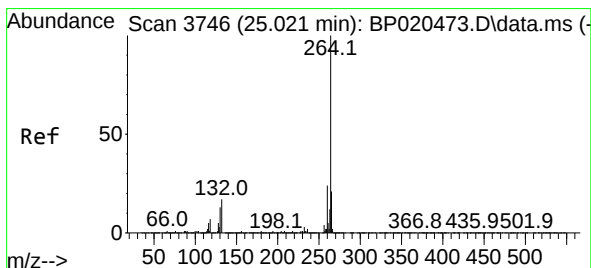
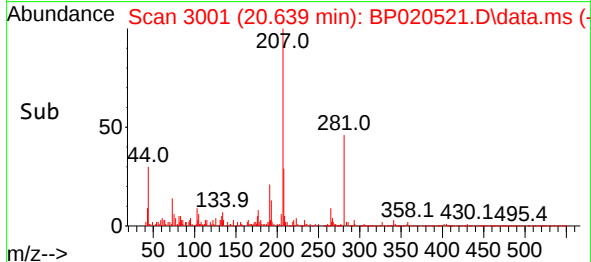
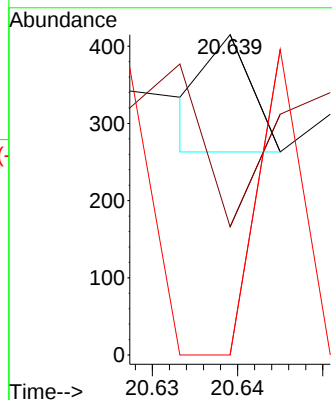
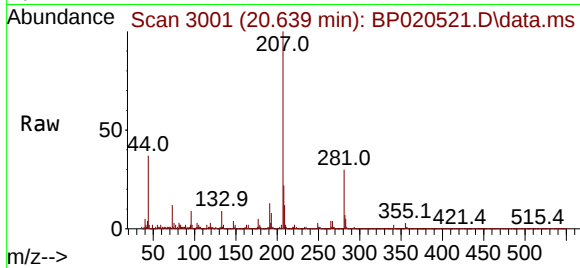
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

91 40.0 60.0 90.0#

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3742

Delta R.T. -0.024 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Tgt Ion:264 Resp: 1515771

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 17.4 26.0

