

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020591.D
 Acq On : 11 Jun 2024 17:10
 Operator : MA/JU
 Sample : P2770-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20240606

Quant Time: Jun 11 17:42:12 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)

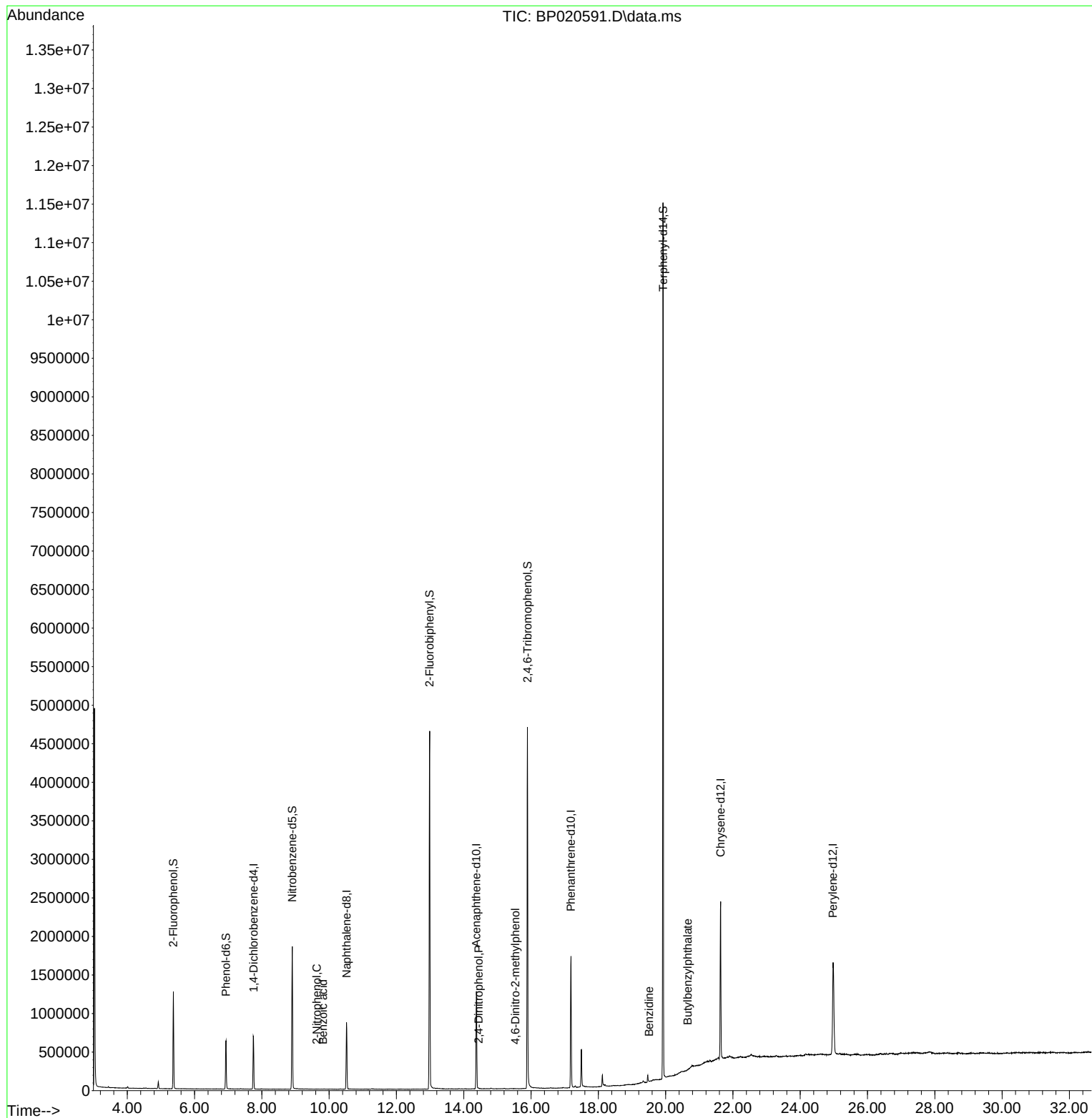
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	194375	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	739193	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	496048	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1138500	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1148172	20.000	ng	-0.04
86) Perylene-d12	24.974	264	1317305	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	536866	49.452	ng	0.00
7) Phenol-d6	6.934	99	379375	24.780	ng	0.00
23) Nitrobenzene-d5	8.905	82	1090053	80.723	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	938660	182.334	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2629073	79.009	ng	-0.02
79) Terphenyl-d14	19.922	244	5514448	79.953	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.628	139	46	3.799	ng	# 1
32) Benzoic acid	9.816	122	288	6.881	ng	# 56
54) 2,4-Dinitrophenol	14.445	184	15	4.980	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	26	7.658	ng	# 1
77) Benzidine	19.510	184	133	5.973	ng	# 1
80) Butylbenzylphthalate	20.657	149	794	2.453	ng	# 64

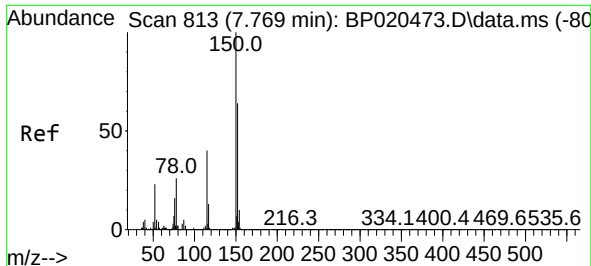
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020591.D
Acq On : 11 Jun 2024 17:10
Operator : MA/JU
Sample : P2770-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

Quant Time: Jun 11 17:42:12 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

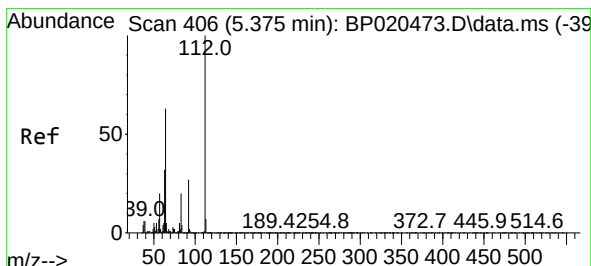
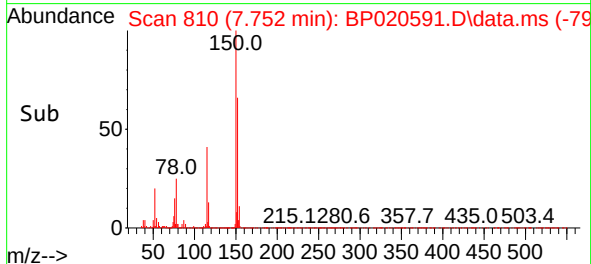
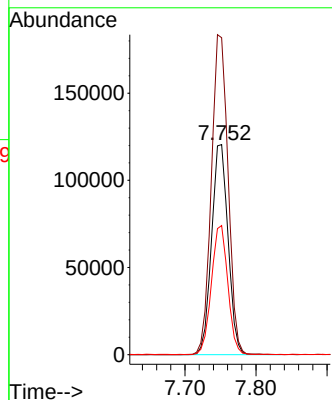
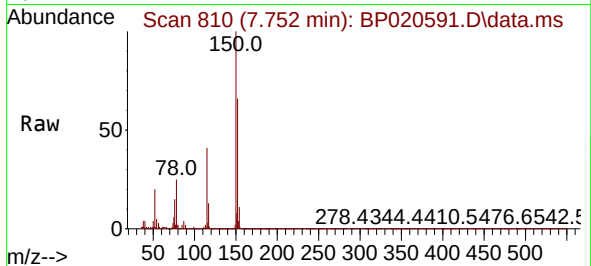




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

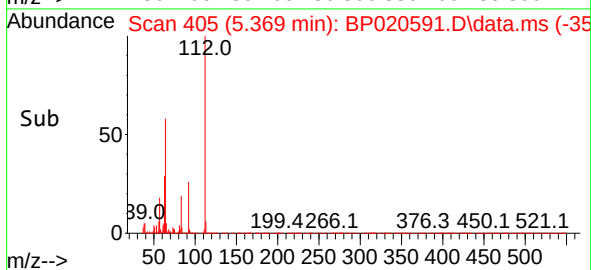
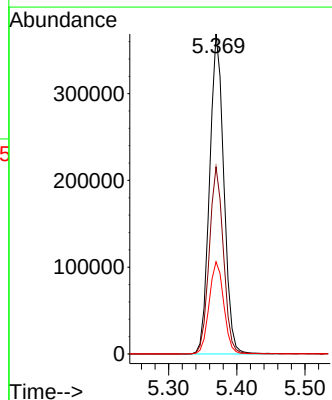
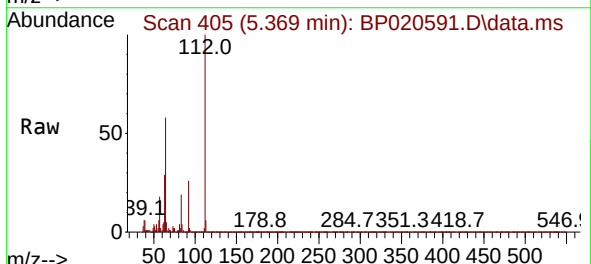
Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

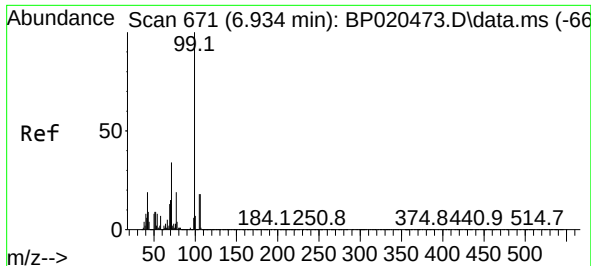
Tgt Ion:152 Resp: 194375
Ion Ratio Lower Upper
152 100
150 150.9 124.2 186.2
115 61.5 49.5 74.3



#5
2-Fluorophenol
Concen: 49.452 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

Tgt Ion:112 Resp: 536866
Ion Ratio Lower Upper
112 100
64 58.5 50.1 75.1
63 28.8 25.7 38.5

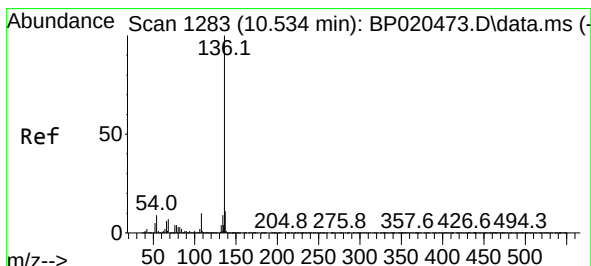
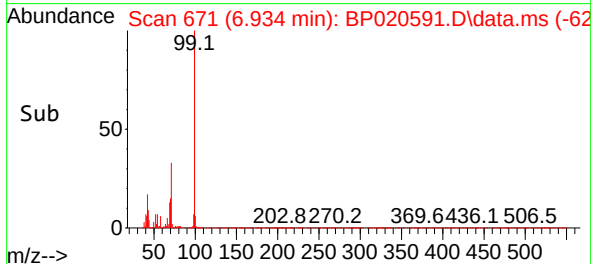
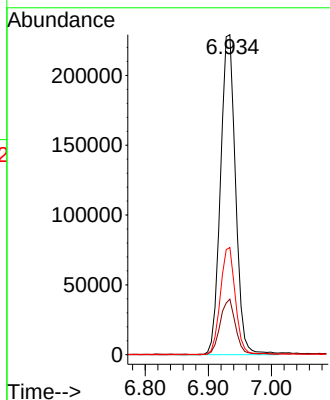
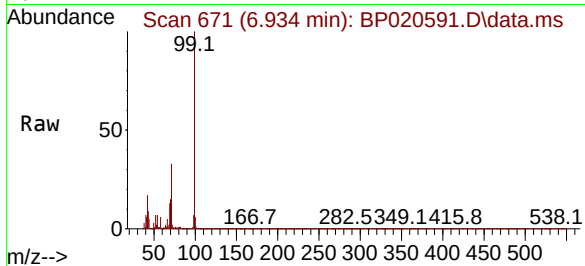




#7
Phenol-d6
Concen: 24.780 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

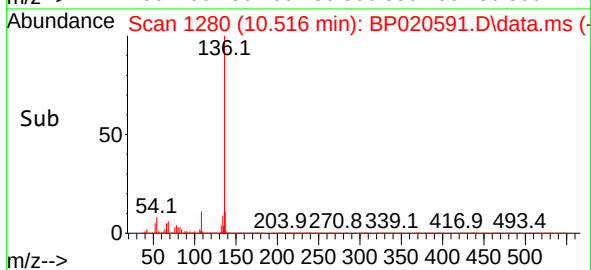
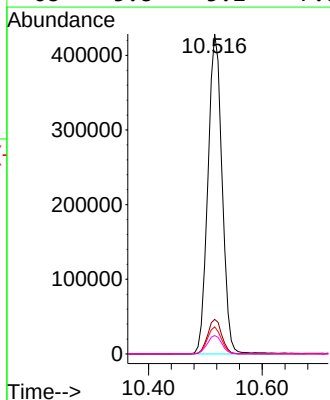
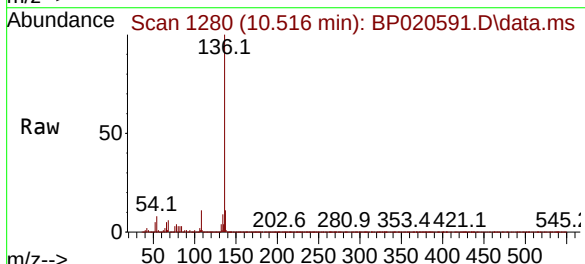
Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

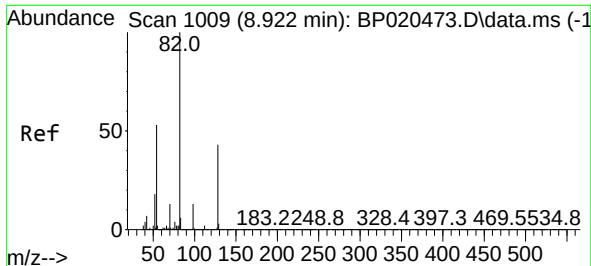
Tgt Ion: 99 Resp: 379375
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 33.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

Tgt Ion: 136 Resp: 739193
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.5 7.4 11.0
68 5.8 5.2 7.8

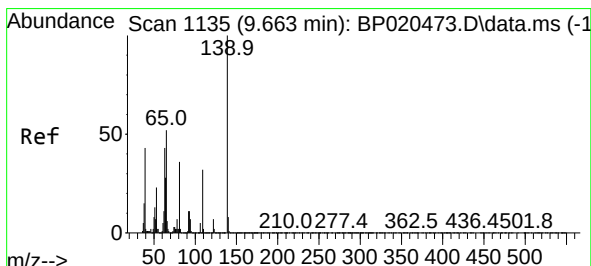
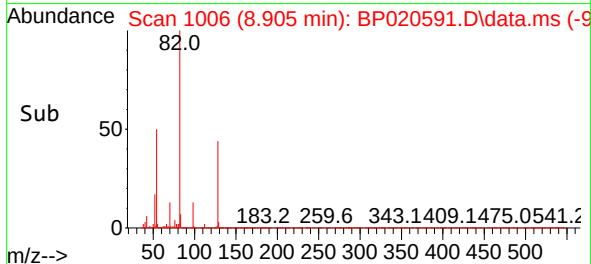
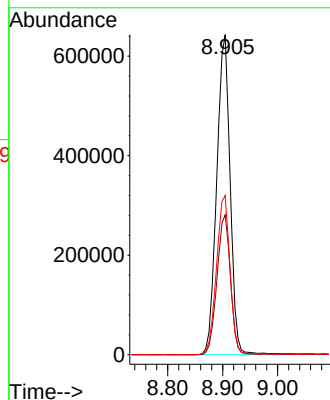
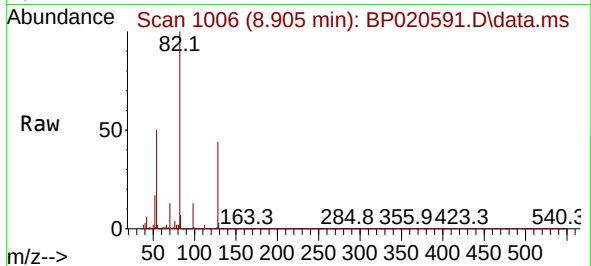




#23
Nitrobenzene-d5
Concen: 80.723 ng
RT: 8.905 min Scan# 1100
Delta R.T. -0.018 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

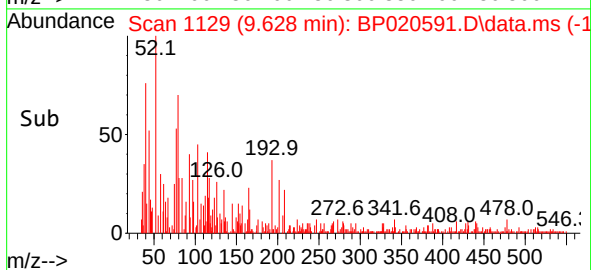
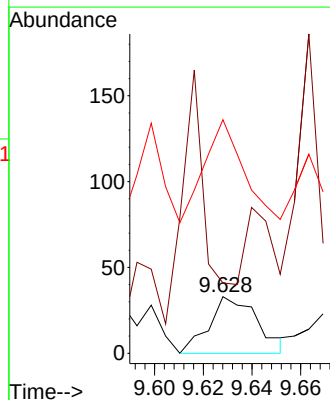
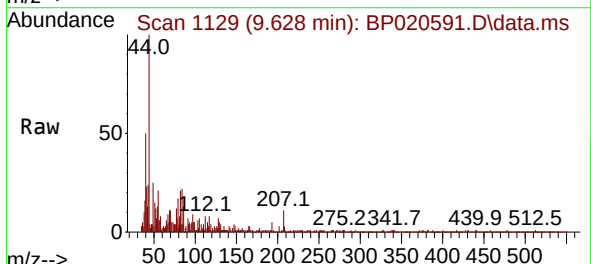
Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

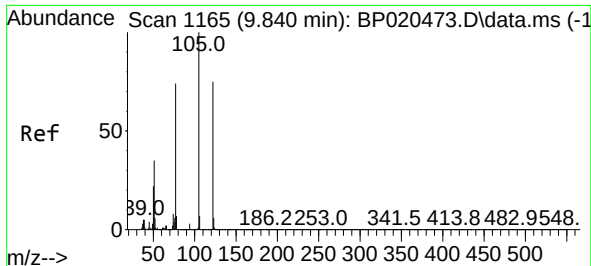
Tgt Ion: 82 Resp: 1090053
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 49.7 42.7 64.1



#26
2-Nitrophenol
Concen: 3.799 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.035 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

Tgt Ion:139 Resp: 46
Ion Ratio Lower Upper
139 100
109 124.2 25.8 38.8#
65 412.1 41.8 62.8#

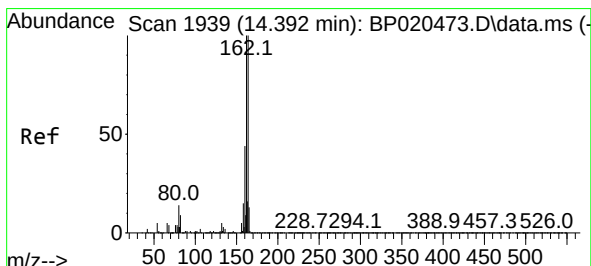
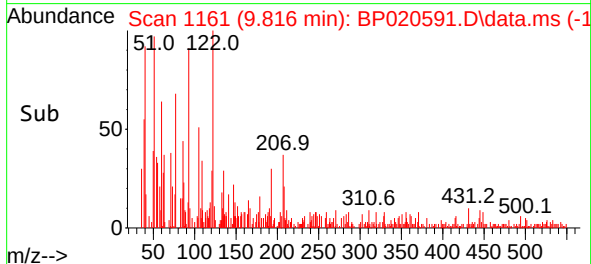
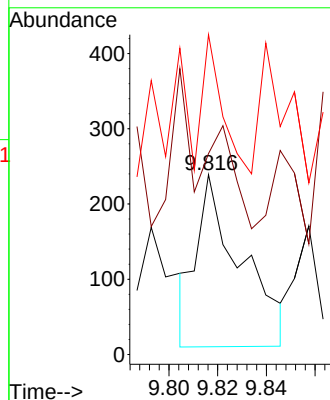
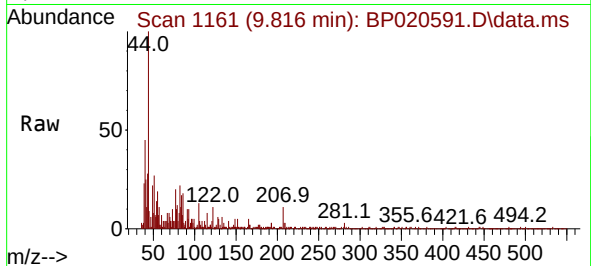




#32
Benzoic acid
Concen: 6.881 ng
RT: 9.816 min Scan# 1161
Delta R.T. -0.024 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

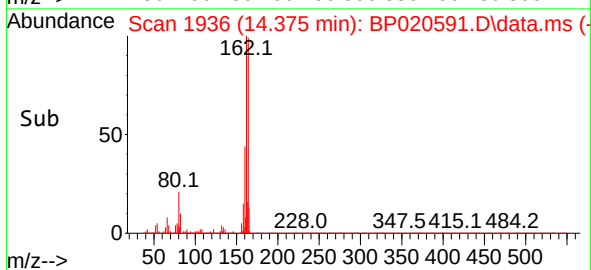
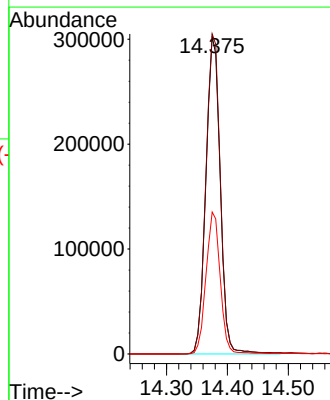
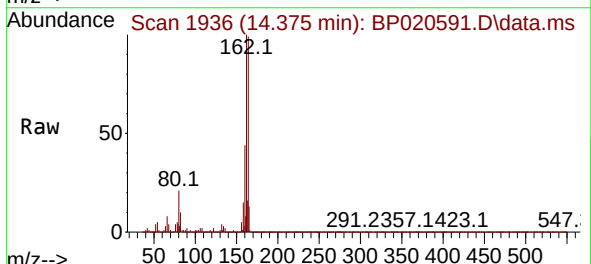
Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

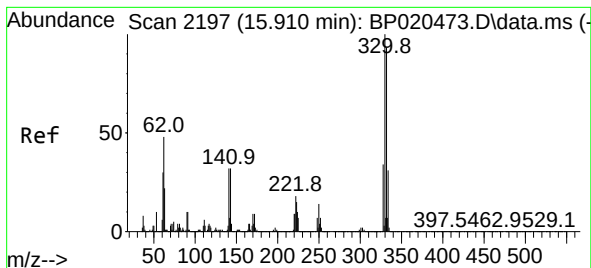
Tgt Ion:122 Resp: 288
Ion Ratio Lower Upper
122 100
105 111.7 107.5 147.5
77 177.8 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

Tgt Ion:164 Resp: 496048
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 182.334 ng

RT: 15.892 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

Instrument :

BNA_P

ClientSampleId :

SP-303-20240606

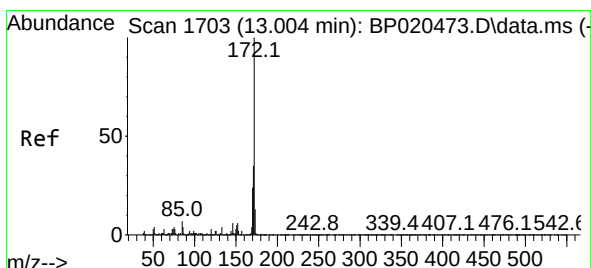
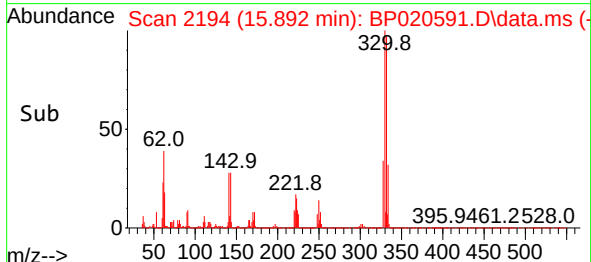
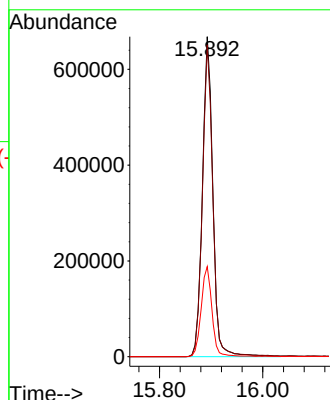
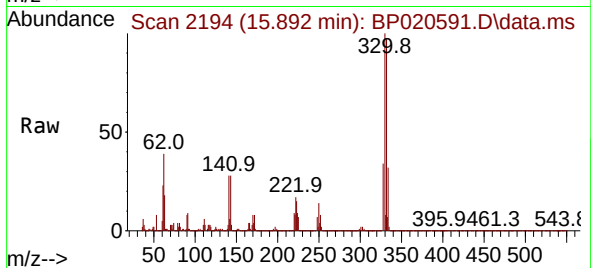
Tgt Ion:330 Resp: 938660

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 29.3 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 79.009 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

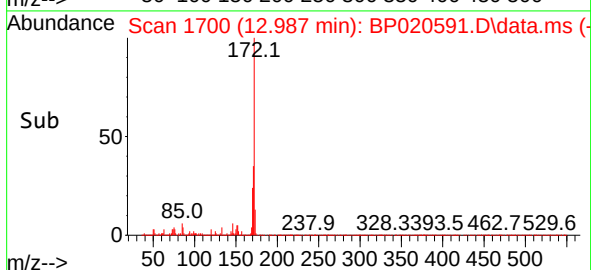
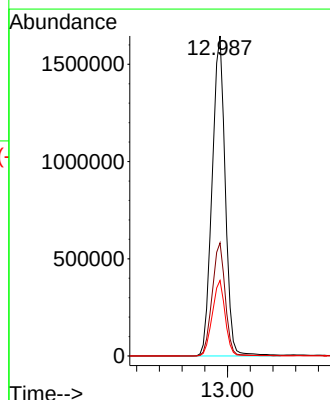
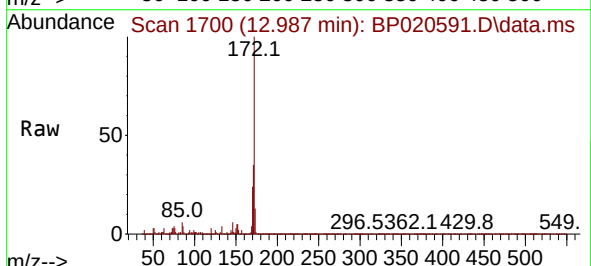
Tgt Ion:172 Resp: 2629073

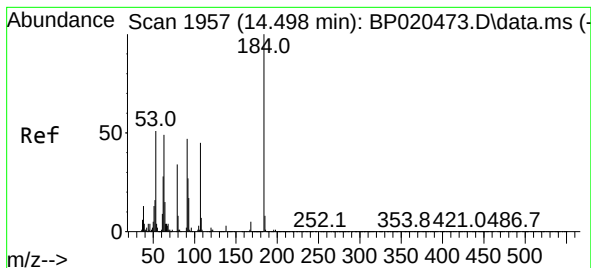
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.980 ng

RT: 14.445 min Scan# 1957

Delta R.T. -0.053 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

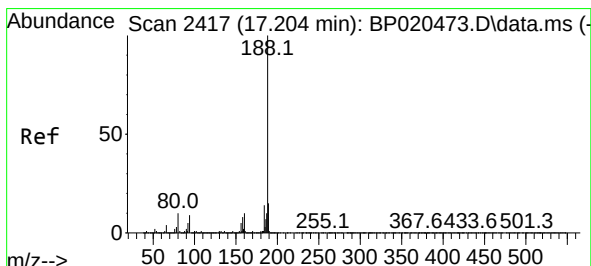
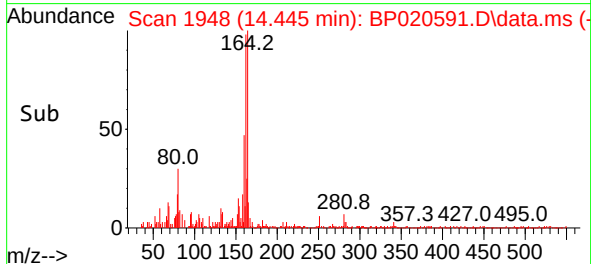
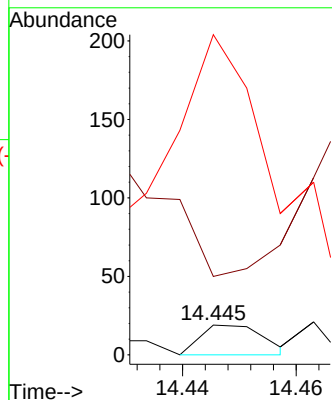
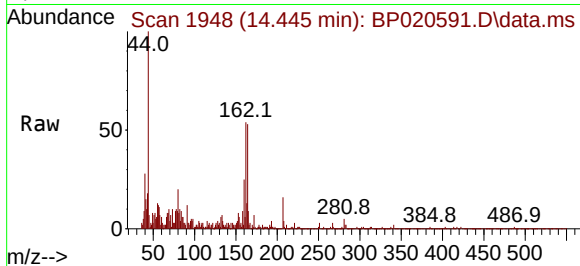
Instrument :

BNA_P

ClientSampleId :

SP-303-20240606

Tgt Ion:184	Resp:	15
Ion	Ratio	Lower Upper
184	100	
63	263.2	54.2 81.4#
154	1073.7	51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

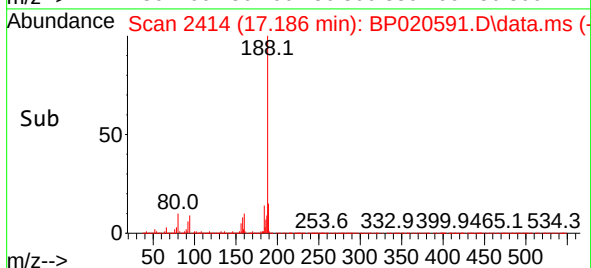
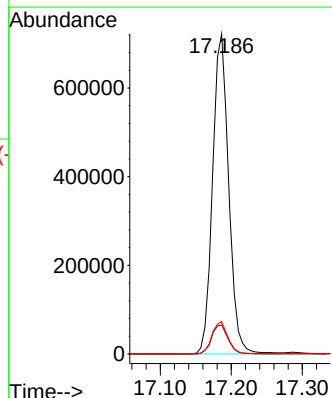
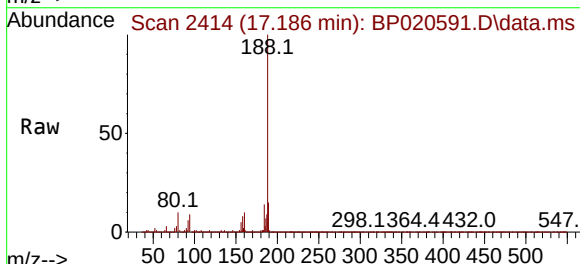
RT: 17.186 min Scan# 2414

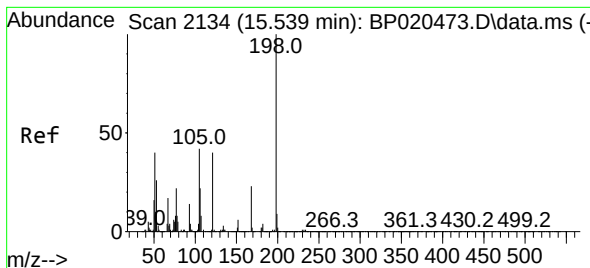
Delta R.T. -0.018 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

Tgt Ion:188	Resp:	1138500
Ion	Ratio	Lower Upper
188	100	
94	9.1	7.2 10.8
80	10.1	8.1 12.1

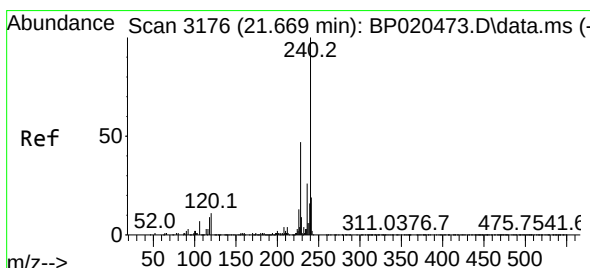
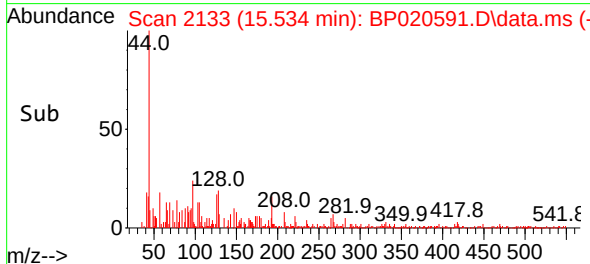
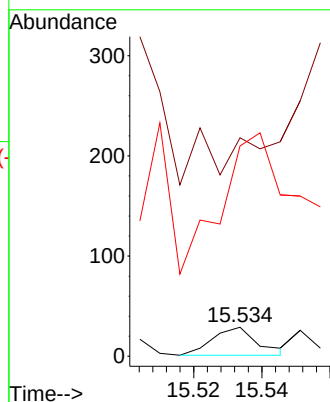
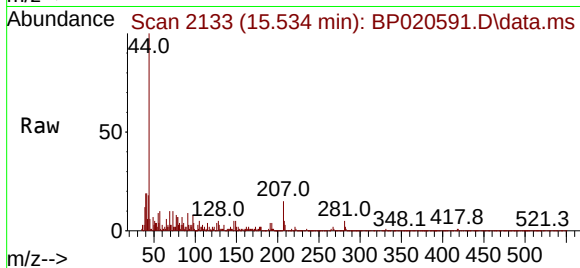




#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

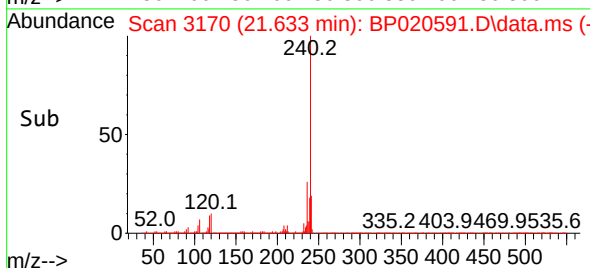
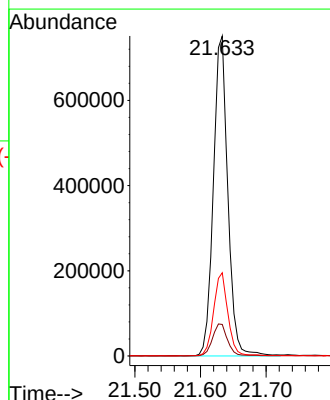
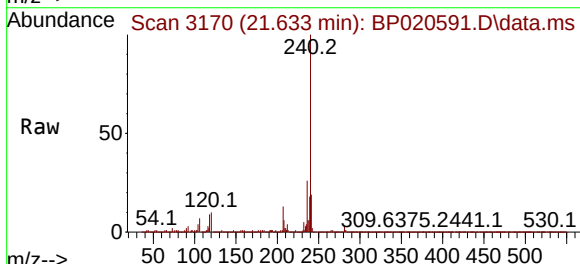
Instrument :
BNA_P
ClientSampleId :
SP-303-20240606

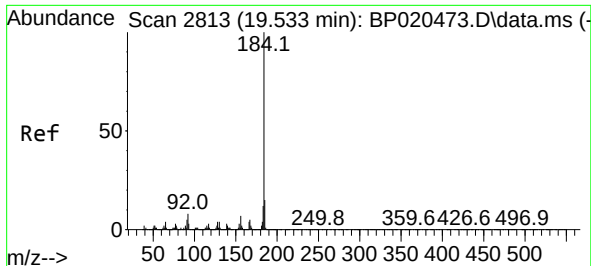
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 751.7 24.8 64.8#
105 789.7 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BP020591.D
Acq: 11 Jun 2024 17:10

Tgt Ion:240 Resp: 1148172
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 26.0 20.5 30.7





#77

Benzidine

Concen: 5.973 ng

RT: 19.510 min Scan# 2809

Delta R.T. -0.023 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

Instrument :

BNA_P

ClientSampleId :

SP-303-20240606

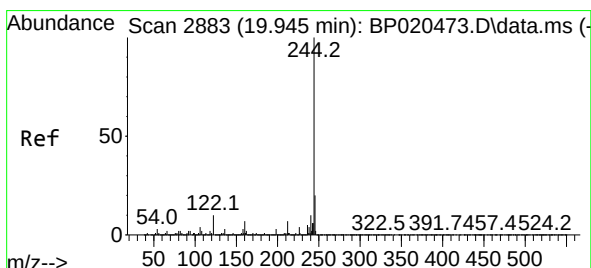
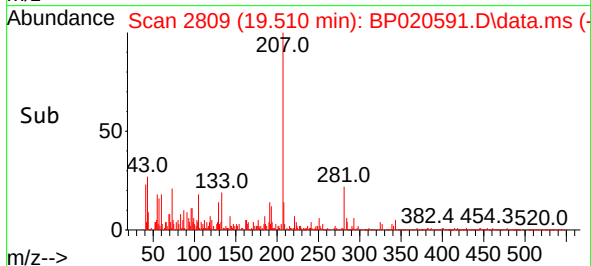
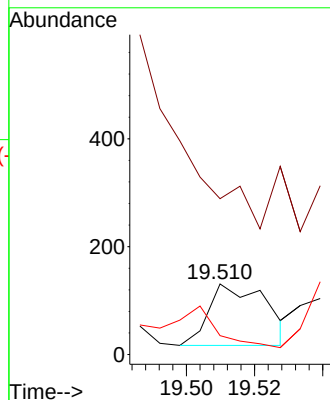
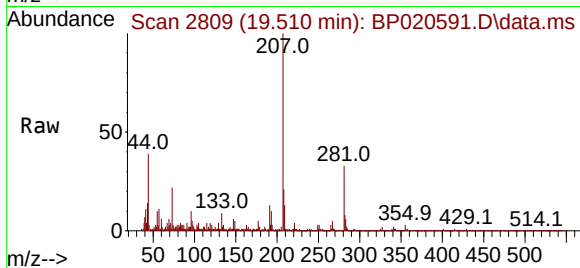
Tgt Ion:184 Resp: 133

Ion Ratio Lower Upper

184 100

185 220.6 12.0 18.0#

183 26.7 9.4 14.0#



#79

Terphenyl-d14

Concen: 79.953 ng

RT: 19.922 min Scan# 2879

Delta R.T. -0.023 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

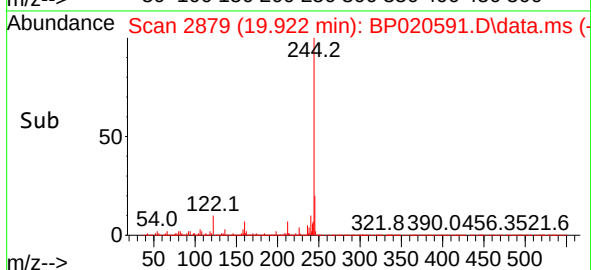
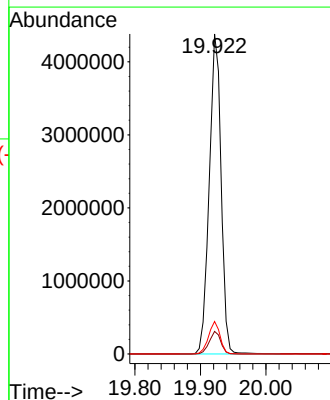
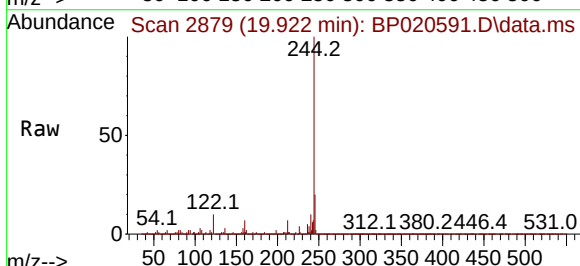
Tgt Ion:244 Resp: 5514448

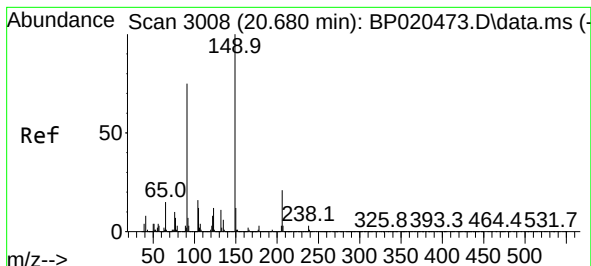
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.453 ng

RT: 20.657 min Scan# 3004

Delta R.T. -0.023 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

Instrument :

BNA_P

ClientSampleId :

SP-303-20240606

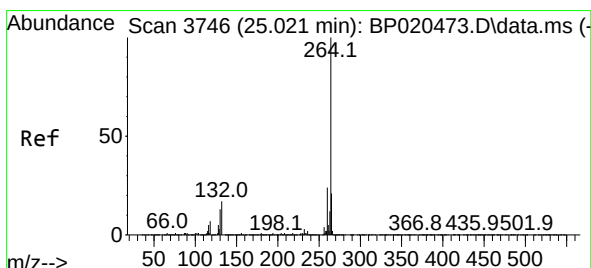
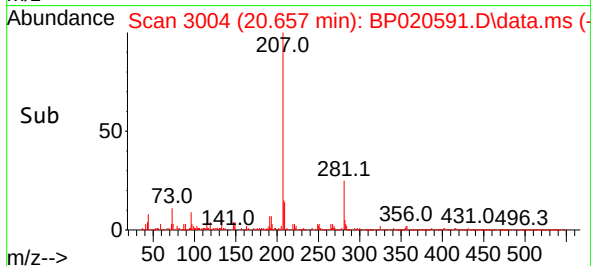
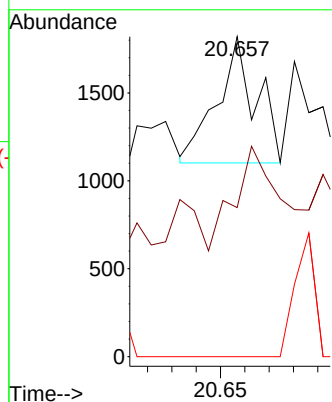
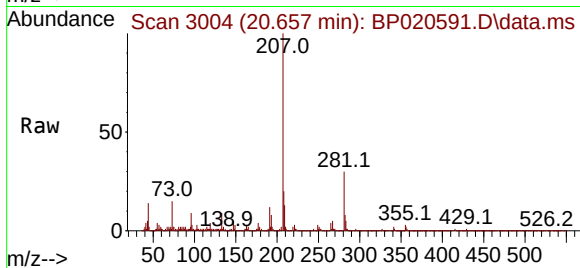
Tgt Ion:149 Resp: 794

Ion Ratio Lower Upper

149 100

91 46.6 60.0 90.0#

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3738

Delta R.T. -0.047 min

Lab File: BP020591.D

Acq: 11 Jun 2024 17:10

Tgt Ion:264 Resp: 1317305

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.0 17.4 26.0

