

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
 Data File : BP020478.D
 Acq On : 29 May 2024 19:34
 Operator : MA/JU
 Sample : PB160893BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 30 04:04:19 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)

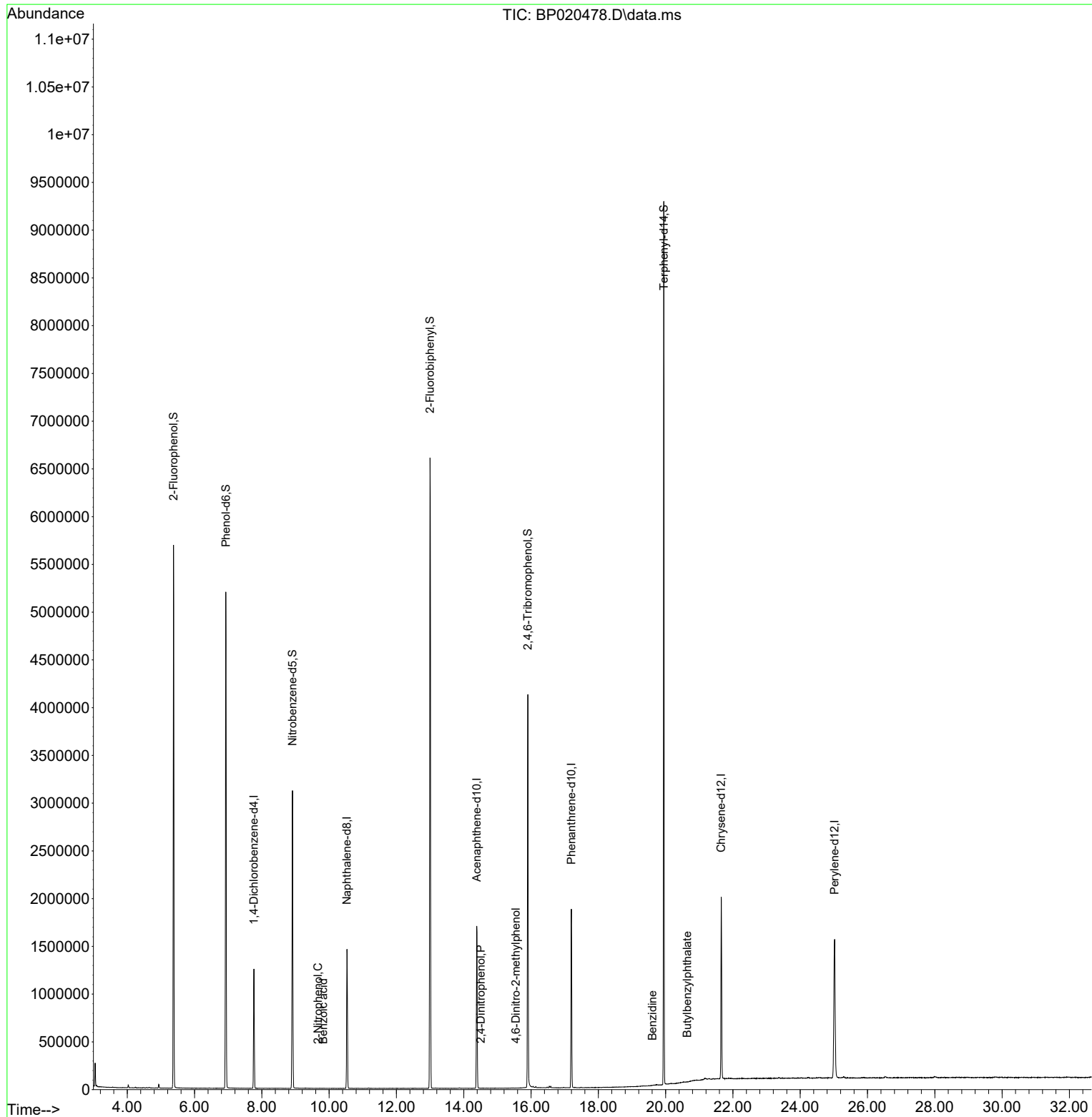
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	321347	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1213656	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	664722	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1192871	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1075602	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1420135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2278902	126.974	ng	0.00
7) Phenol-d6	6.928	99	2808507	110.960	ng	0.00
23) Nitrobenzene-d5	8.910	82	1773358	79.985	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	741643	107.507	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3747884	84.051	ng	0.00
79) Terphenyl-d14	19.945	244	4314694	66.779	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.663	139	27	3.794	ng	# 1
32) Benzoic acid	9.822	122	39	6.851	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	37	4.984	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.545	198	62	7.663	ng	# 1
77) Benzidine	19.610	184	98	5.973	ng	# 98
80) Butylbenzylphthalate	20.639	149	327	2.441	ng	# 61

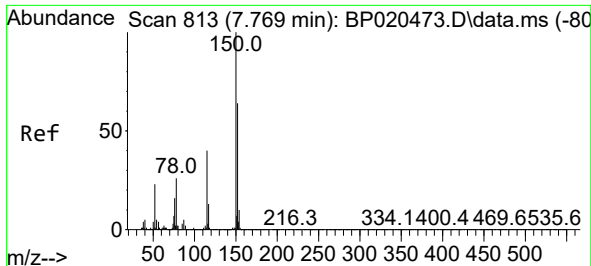
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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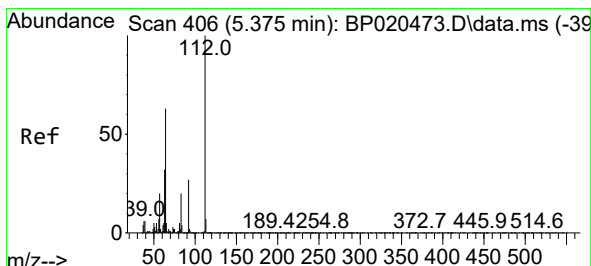
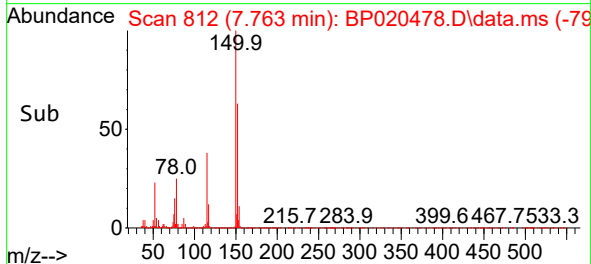
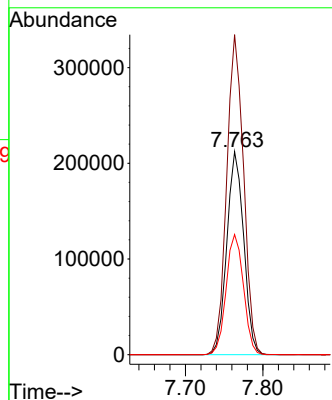
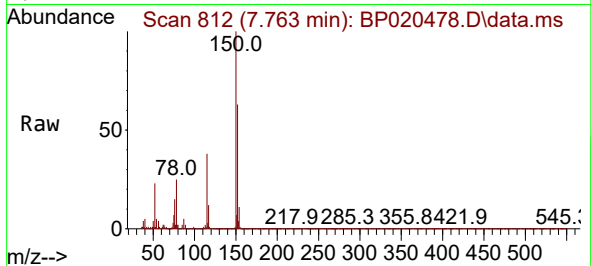




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

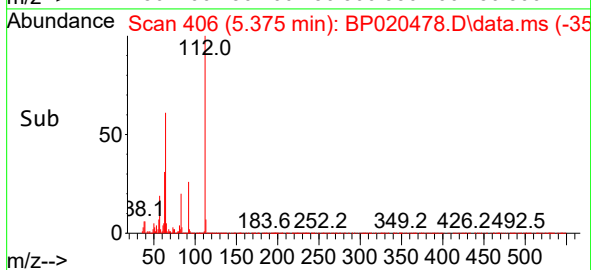
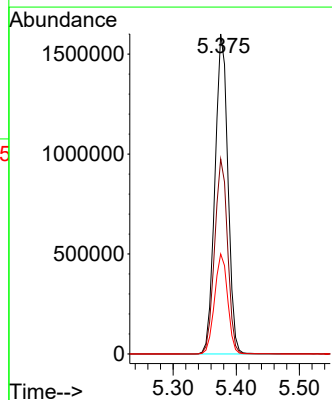
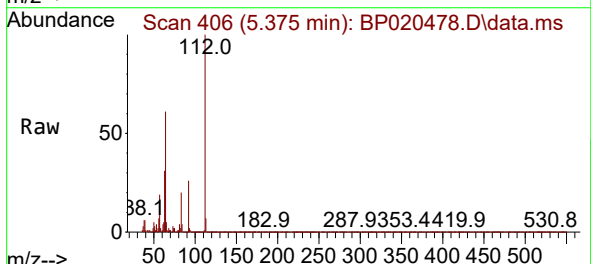
Instrument :
BNA_P
ClientSampleId :
PB160983BL

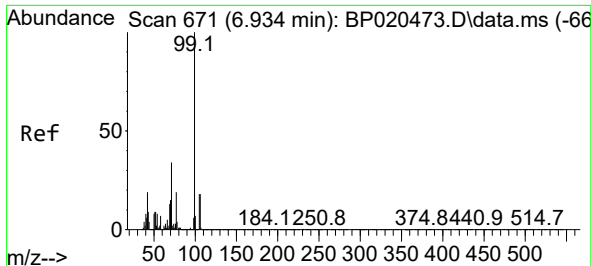
Tgt Ion:152 Resp: 321347
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 126.974 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:112 Resp: 2278902
Ion Ratio Lower Upper
112 100
64 60.9 50.1 75.1
63 31.3 25.7 38.5

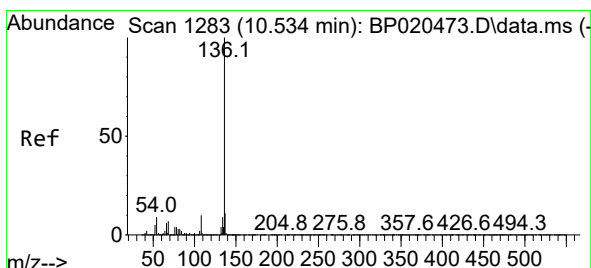
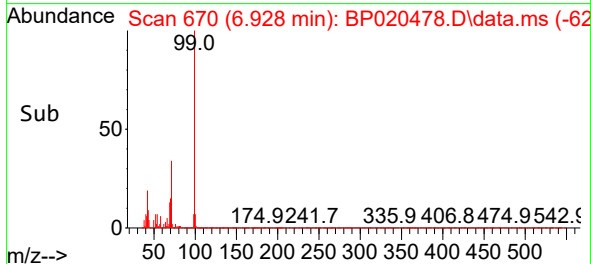
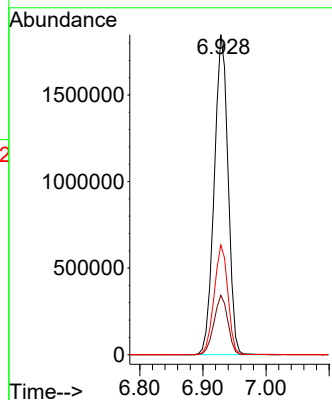
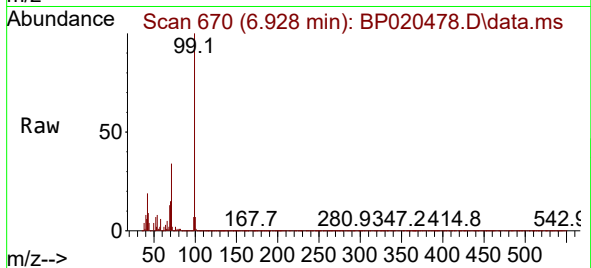




#7
Phenol-d6
Concen: 110.960 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

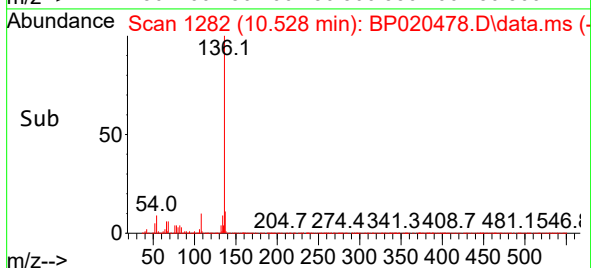
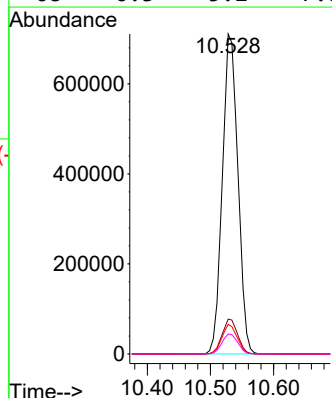
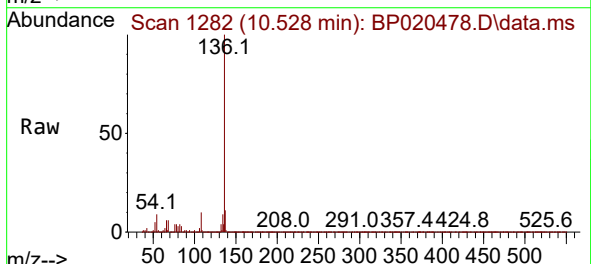
Instrument :
BNA_P
ClientSampleId :
PB160983BL

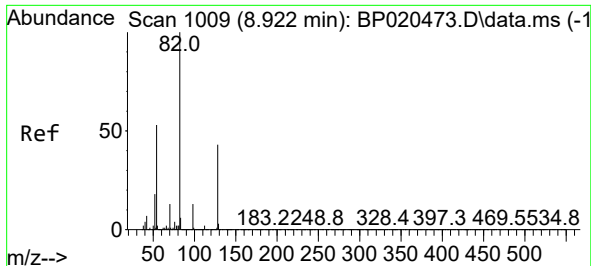
Tgt Ion: 99 Resp: 2808507
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 34.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:136 Resp: 1213656
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.2 7.4 11.0
68 6.3 5.2 7.8

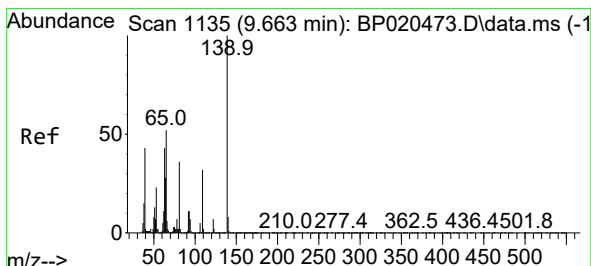
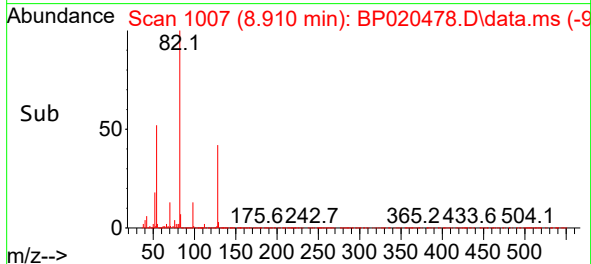
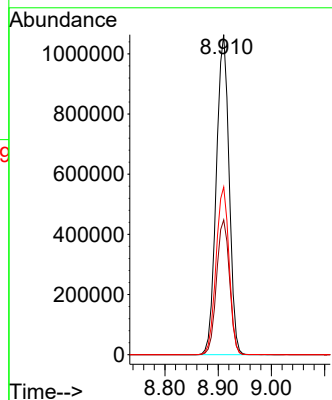
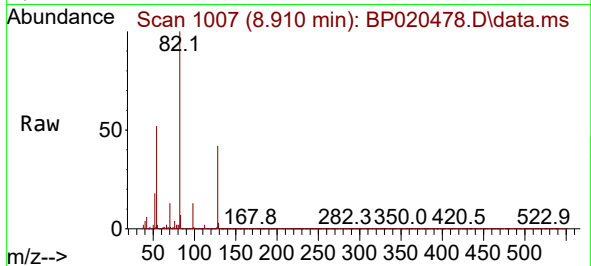




#23
Nitrobenzene-d5
Concen: 79.985 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

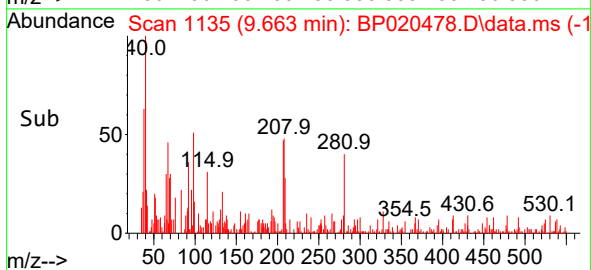
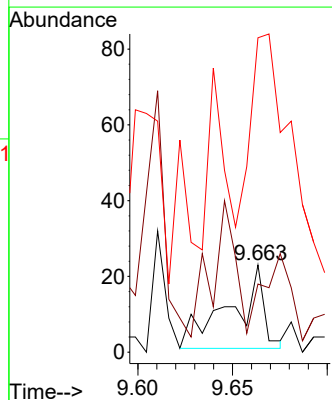
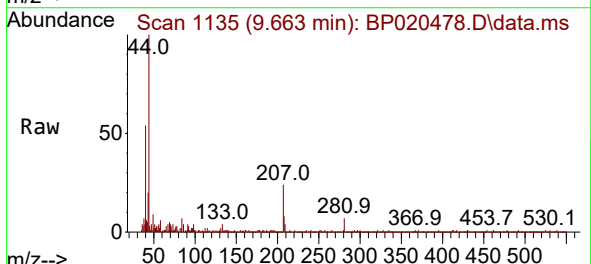
Instrument :
BNA_P
ClientSampleId :
PB160983BL

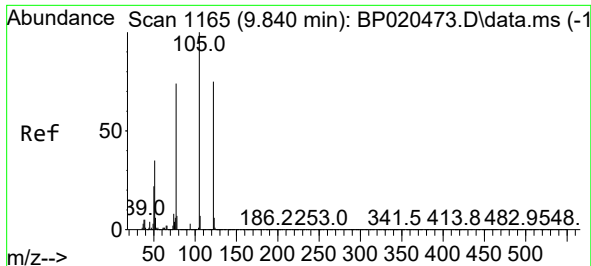
Tgt Ion: 82 Resp: 1773358
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 52.4 42.7 64.1



#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 78.3 25.8 38.8#
65 360.9 41.8 62.8#

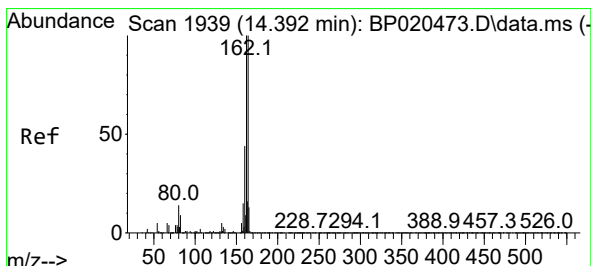
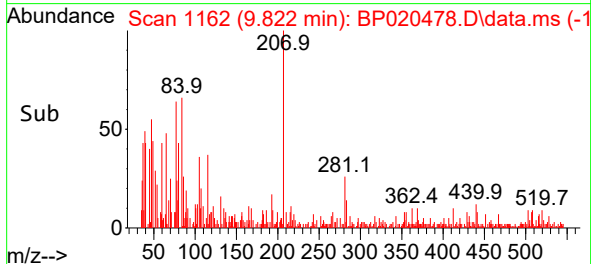
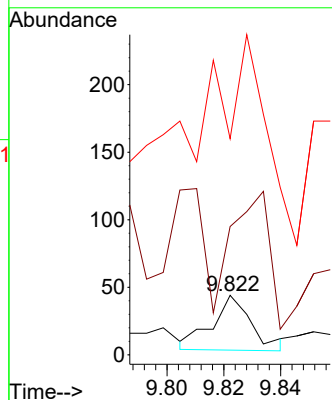
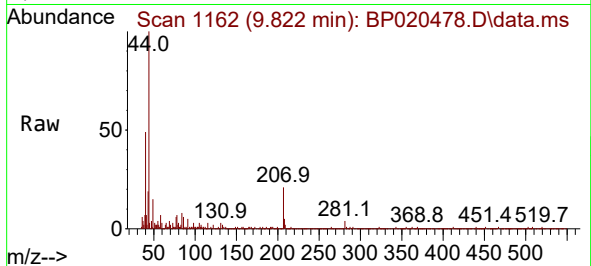




#32
Benzoic acid
Concen: 6.851 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

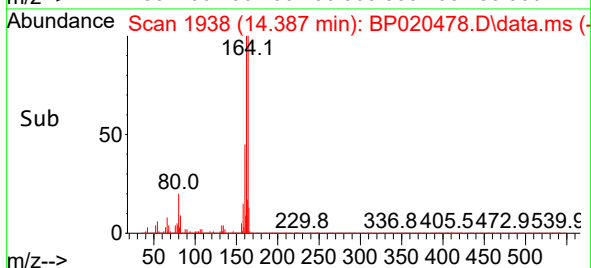
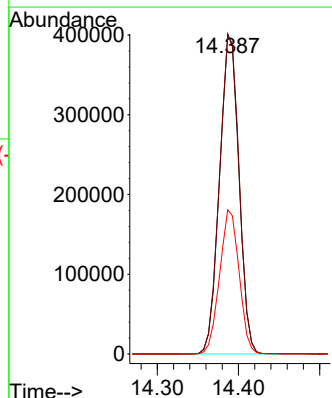
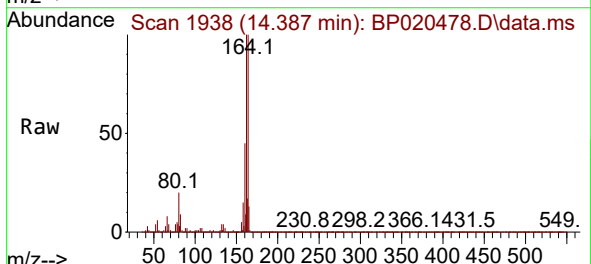
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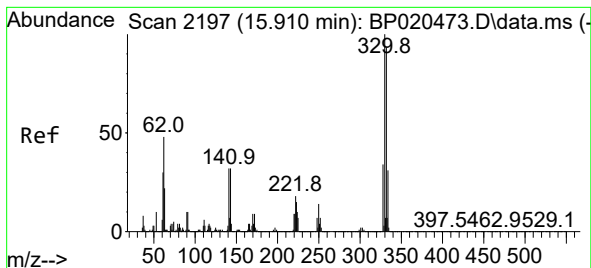
Tgt Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 215.9 107.5 147.5#
77 363.6 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:164 Resp: 664722
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 107.507 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020478.D

Acq: 29 May 2024 19:34

Instrument :

BNA_P

ClientSampleId :

PB160983BL

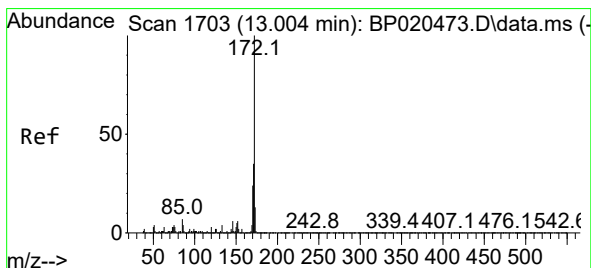
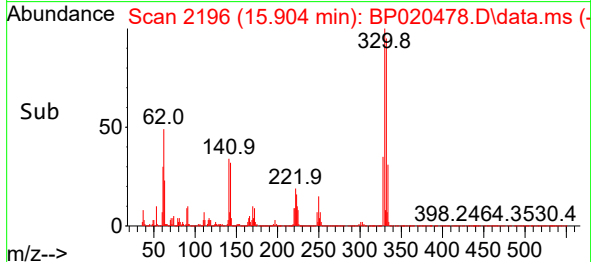
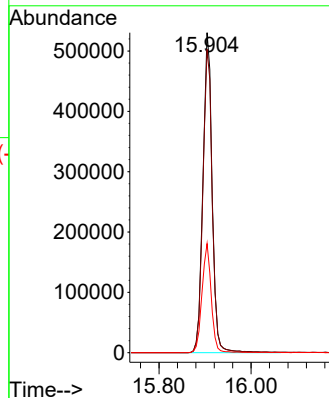
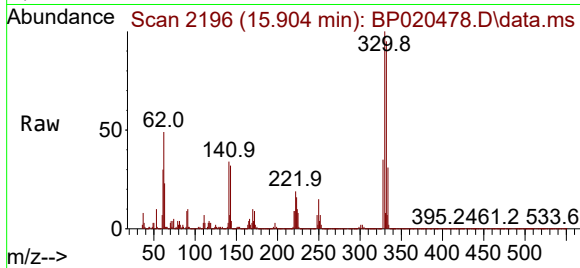
Tgt Ion:330 Resp: 741643

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 34.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 84.051 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020478.D

Acq: 29 May 2024 19:34

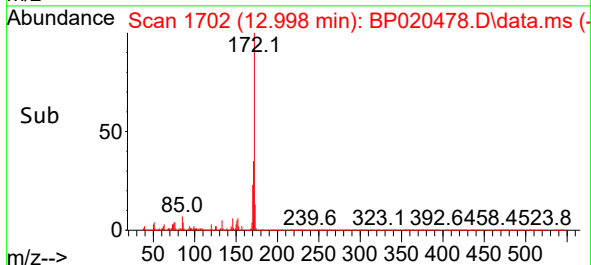
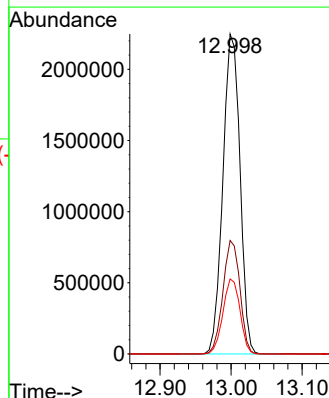
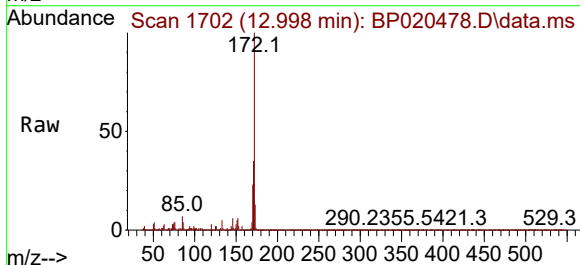
Tgt Ion:172 Resp: 3747884

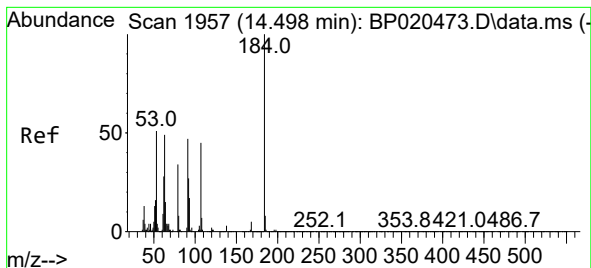
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.9 28.3

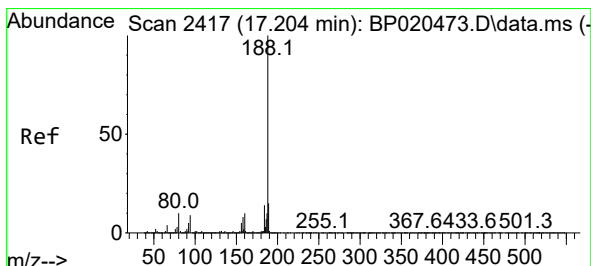
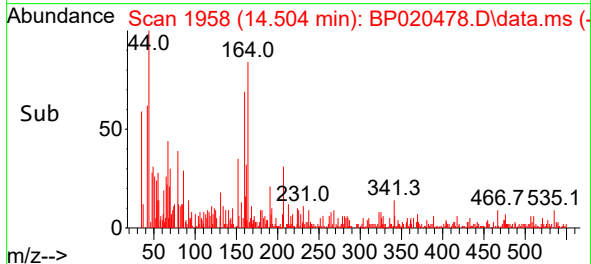
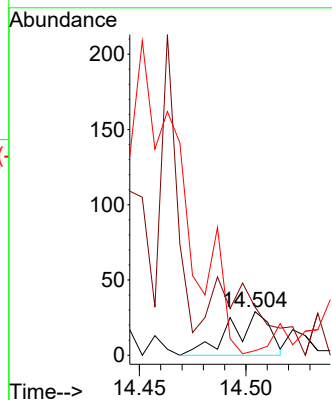
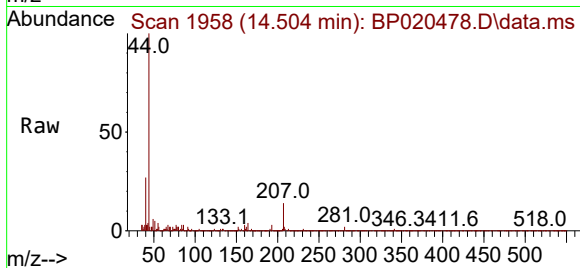




#54
2,4-Dinitrophenol
Concen: 4.984 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

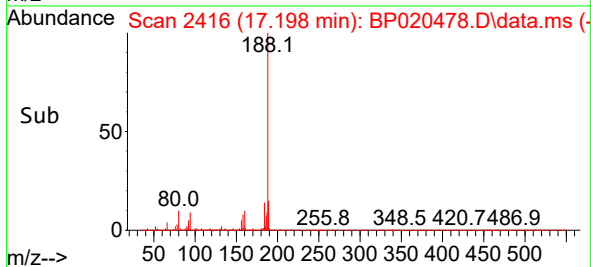
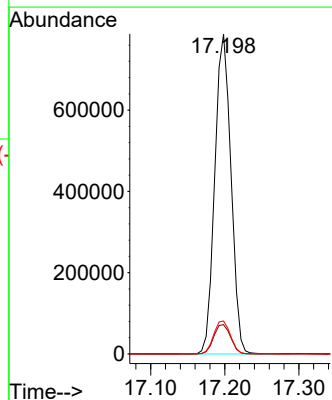
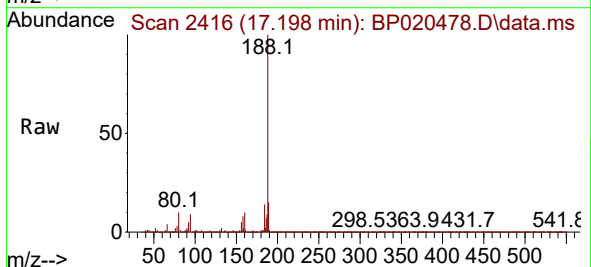
Instrument :
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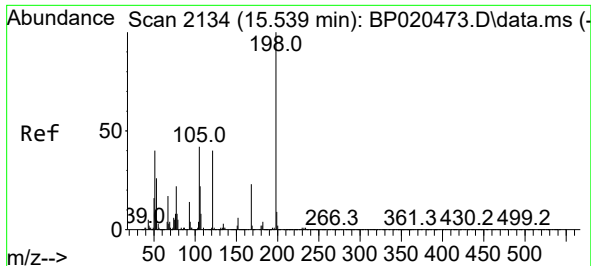
Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 110.3 54.2 81.4#
154 10.3 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:188 Resp: 1192871
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.3 8.1 12.1

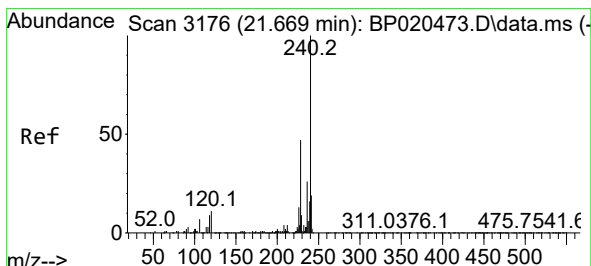
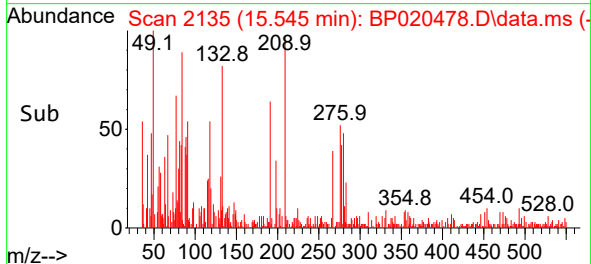
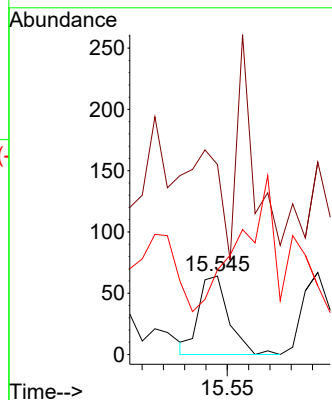
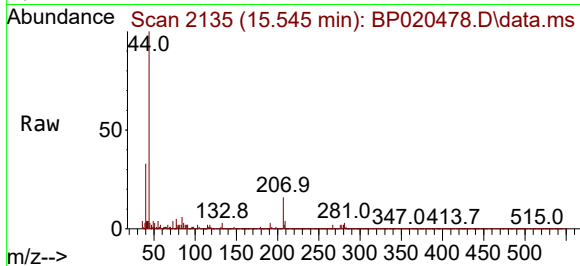




#65
4,6-Dinitro-2-methylphenol
Concen: 7.663 ng
RT: 15.545 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

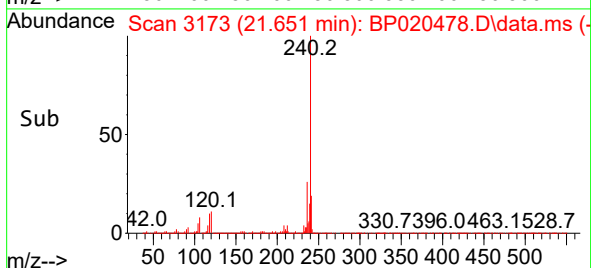
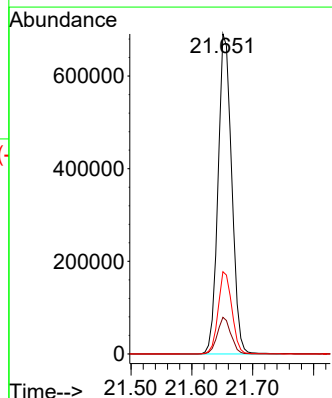
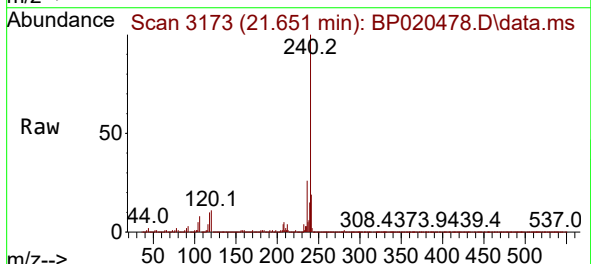
Instrument :
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PB160983BL

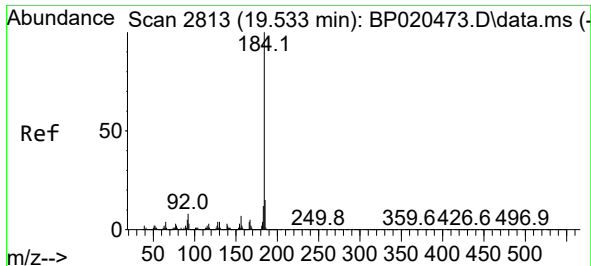
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 242.2 24.8 64.8#
105 125.0 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:240 Resp: 1075602
Ion Ratio Lower Upper
240 100
120 11.5 8.5 12.7
236 25.7 20.5 30.7

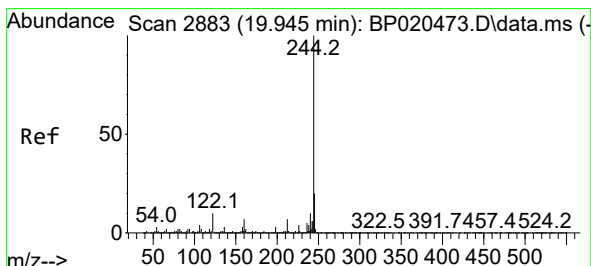
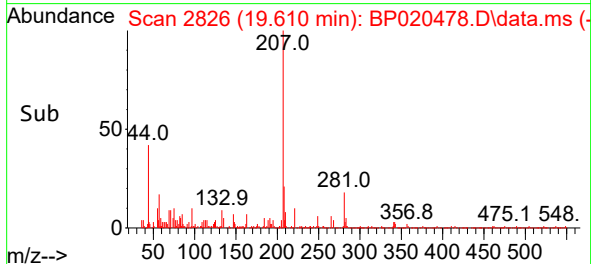
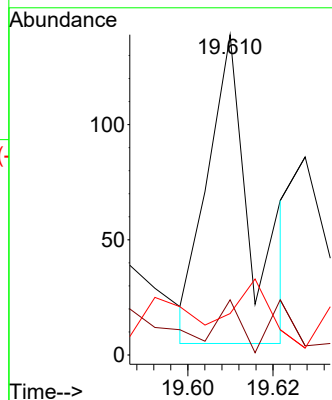
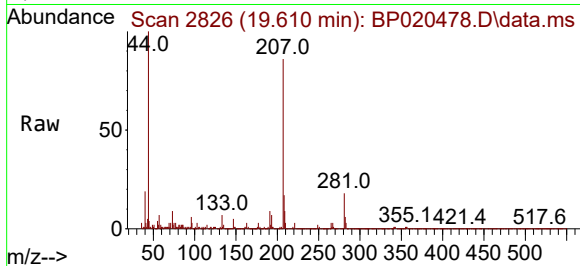




#77
Benzidine
Concen: 5.973 ng
RT: 19.610 min Scan# 2826
Delta R.T. 0.077 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

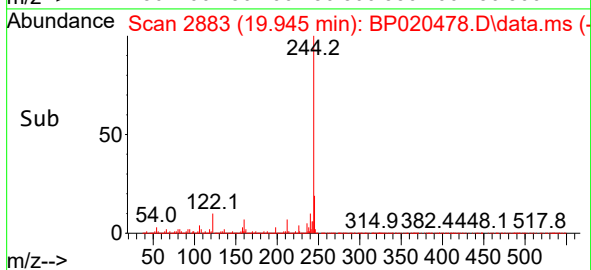
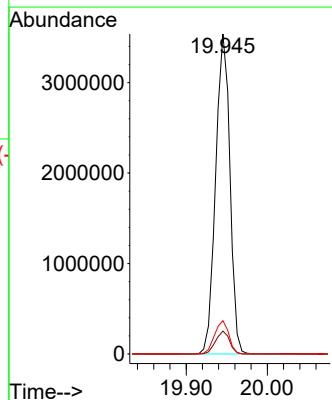
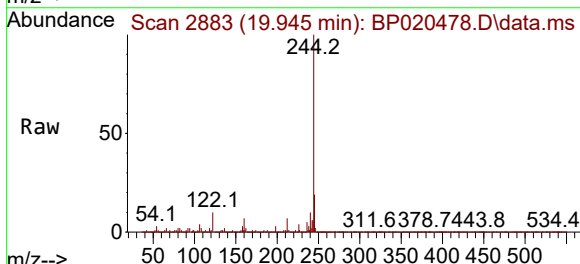
Instrument :
BNA_P
ClientSampleId :
PB160983BL

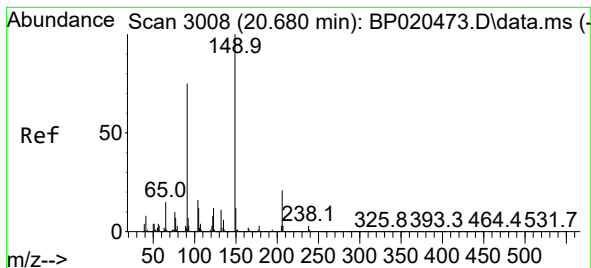
Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
185 16.1 12.0 18.0
183 12.1 9.4 14.0



#79
Terphenyl-d14
Concen: 66.779 ng
RT: 19.945 min Scan# 2883
Delta R.T. 0.000 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:244 Resp: 4314694
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.441 ng

RT: 20.639 min Scan# 3008

Delta R.T. -0.041 min

Lab File: BP020478.D

Acq: 29 May 2024 19:34

Instrument :

BNA_P

ClientSampleId :

PB160983BL

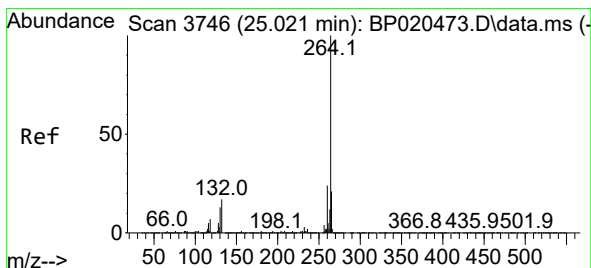
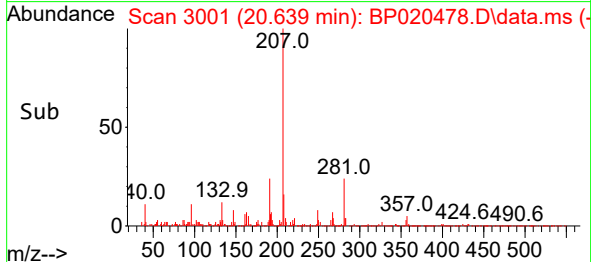
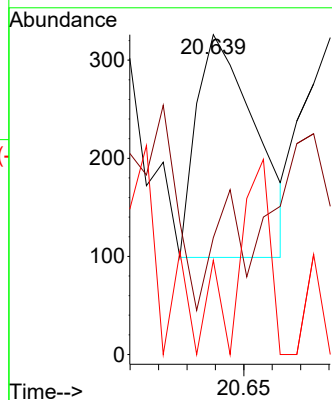
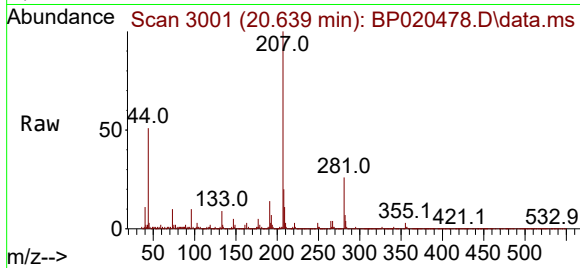
Tgt Ion:149 Resp: 327

Ion Ratio Lower Upper

149 100

91 36.5 60.0 90.0#

206 29.4 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: BP020478.D

Acq: 29 May 2024 19:34

Tgt Ion:264 Resp: 1420135

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.0 17.4 26.0

