

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020540.D
 Acq On : 06 Jun 2024 13:42
 Operator : MA/JU
 Sample : PB161222BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161222BL

Quant Time: Jun 06 14:31:15 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)

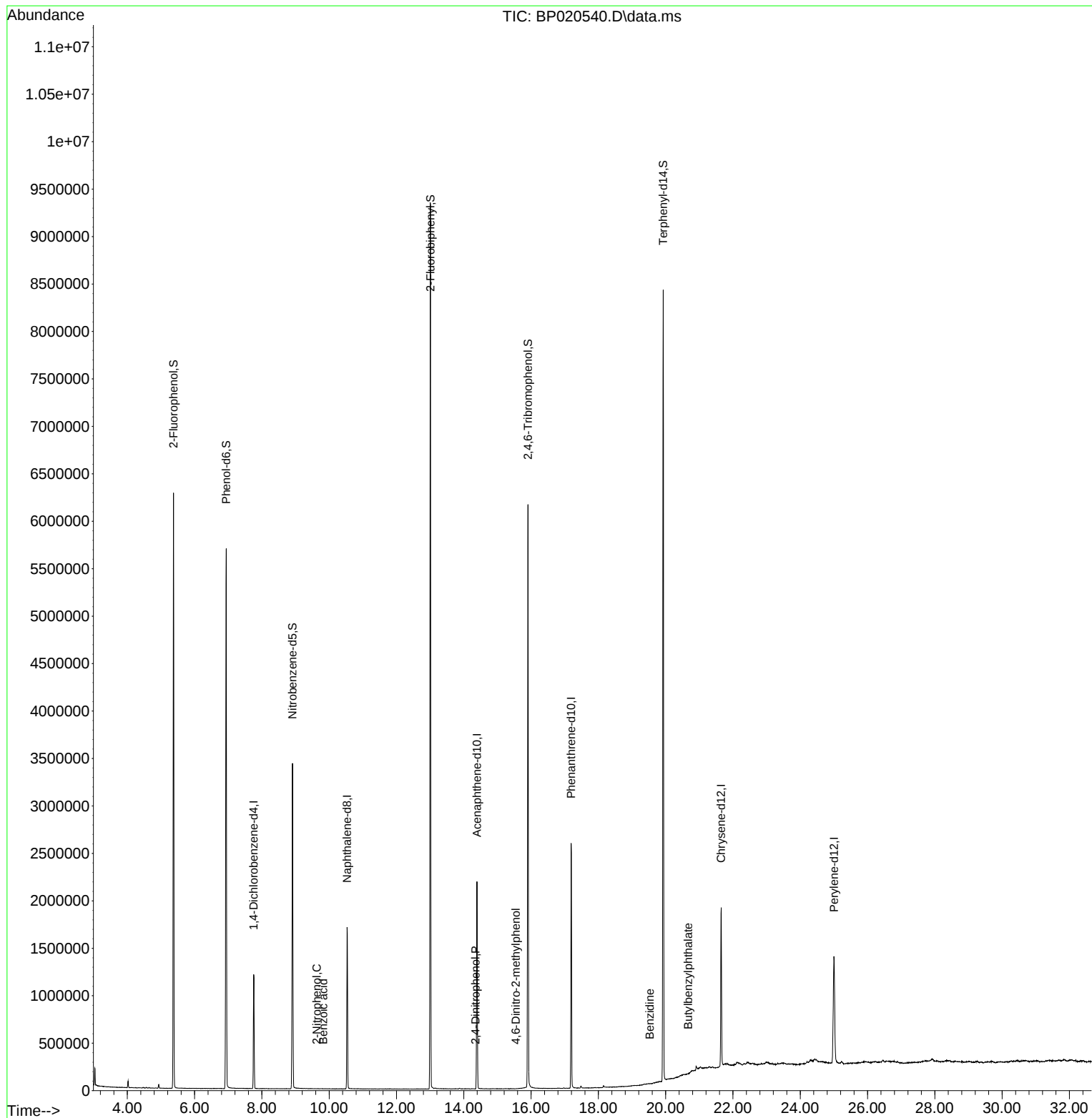
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	331259	20.000	ng	-0.01
21) Naphthalene-d8	10.533	136	1319361	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	836597	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1567267	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1033935	20.000	ng	-0.02
86) Perylene-d12	25.003	264	1301453	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2595139	140.267	ng	0.00
7) Phenol-d6	6.940	99	3314606	127.037	ng	0.00
23) Nitrobenzene-d5	8.910	82	2037096	84.519	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1212471	139.649	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4645323	82.775	ng	0.00
79) Terphenyl-d14	19.927	244	5088529	81.930	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.628	139	42	3.795	ng	# 1
32) Benzoic acid	9.822	122	26	6.850	ng	# 1
54) 2,4-Dinitrophenol	14.351	184	13	4.977	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	115	7.667	ng	# 1
77) Benzidine	19.527	184	100	5.973	ng	# 74
80) Butylbenzylphthalate	20.668	149	402	2.443	ng	# 84

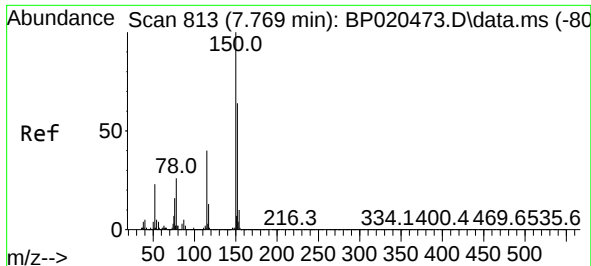
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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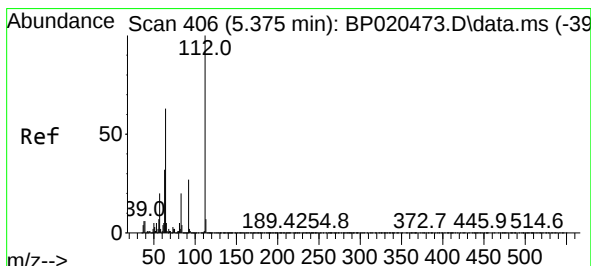
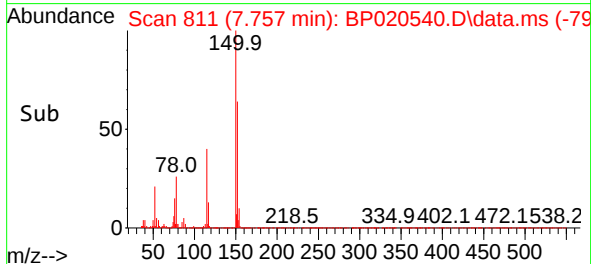
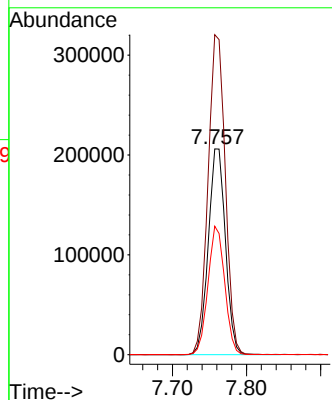
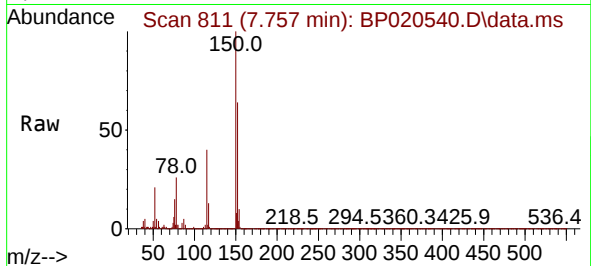




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

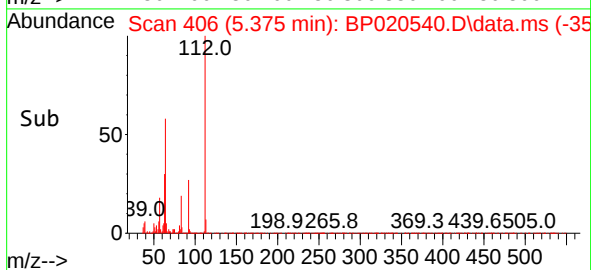
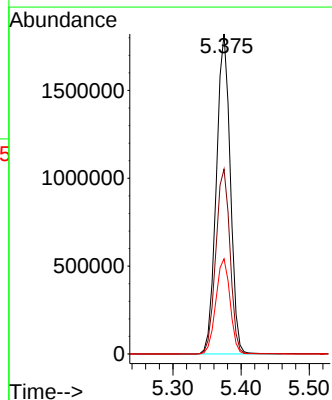
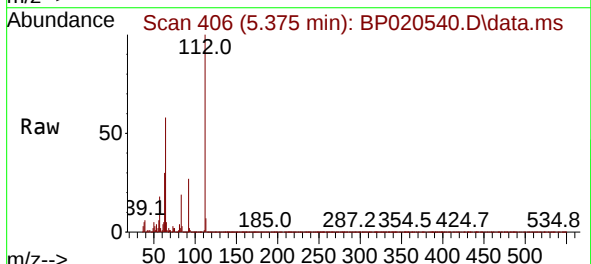
Instrument :
BNA_P
ClientSampleId :
PB161222BL

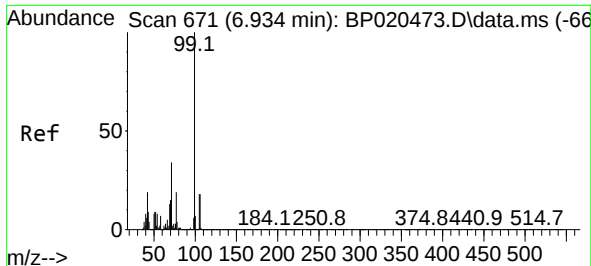
Tgt Ion:152 Resp: 331259
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 62.4 49.5 74.3



#5
2-Fluorophenol
Concen: 140.267 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:112 Resp: 2595139
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.8 25.7 38.5

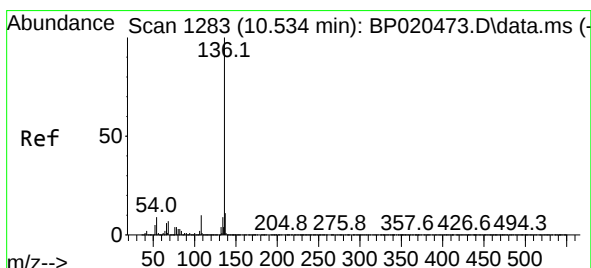
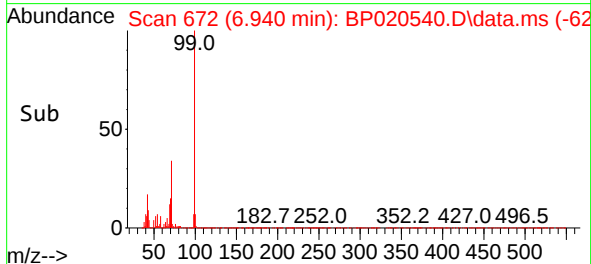
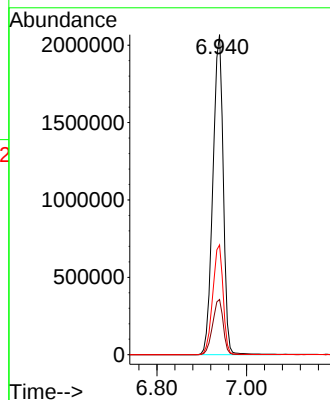
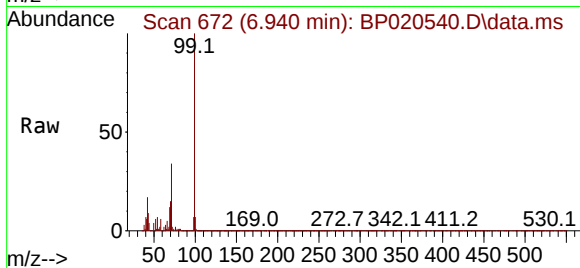




#7
Phenol-d6
Concen: 127.037 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

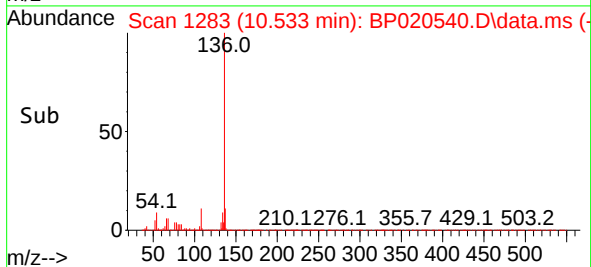
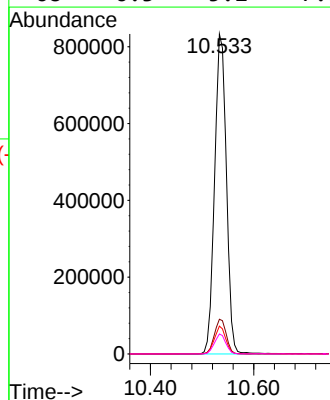
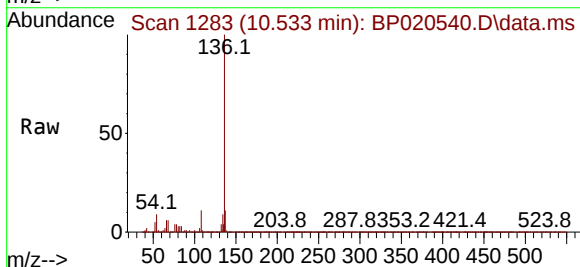
Instrument :
BNA_P
ClientSampleId :
PB161222BL

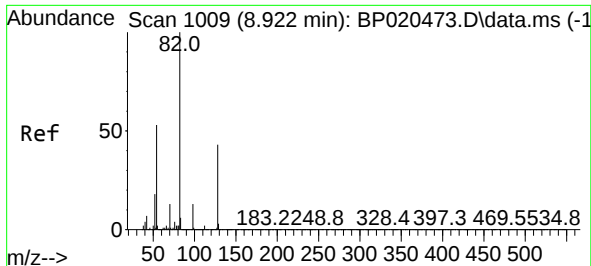
Tgt Ion: 99 Resp: 3314606
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:136 Resp: 1319361
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.7 7.4 11.0
68 6.3 5.2 7.8

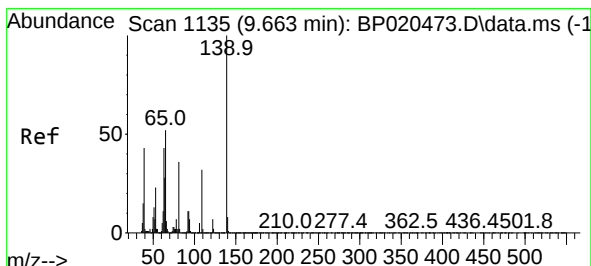
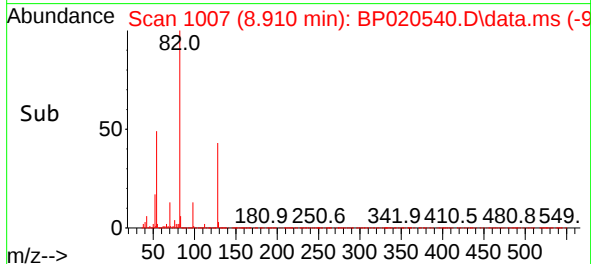
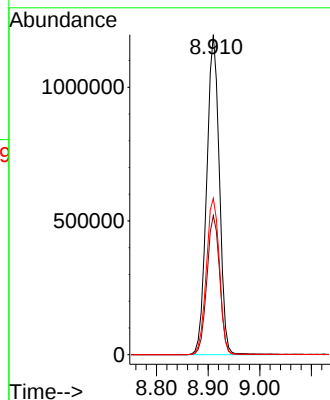
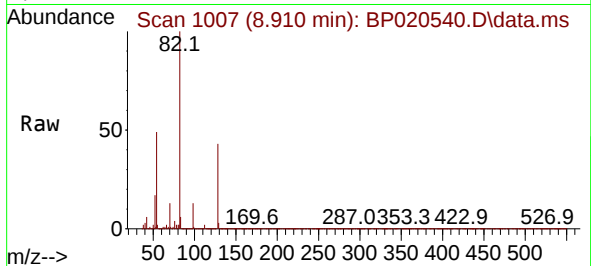




#23
Nitrobenzene-d5
Concen: 84.519 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

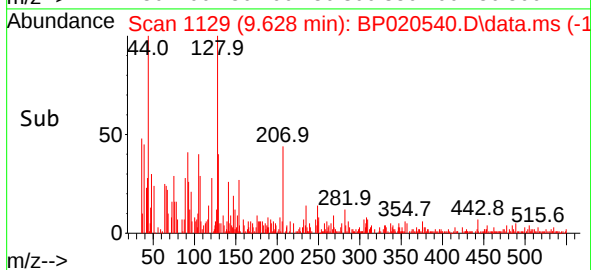
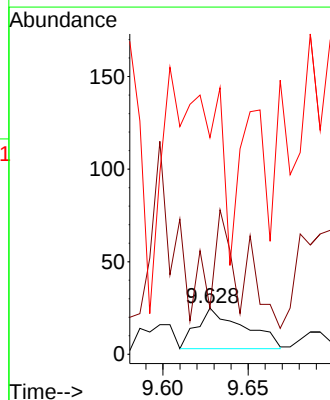
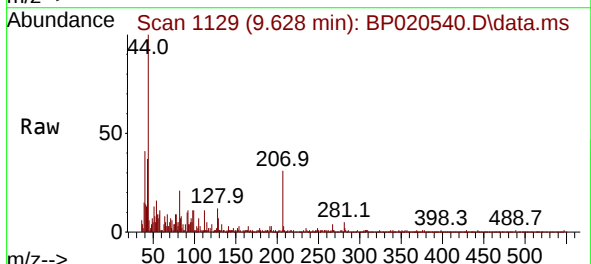
Instrument :
BNA_P
ClientSampleId :
PB161222BL

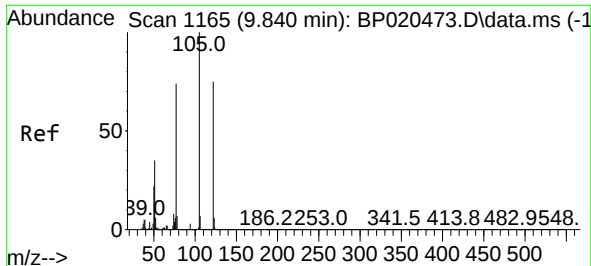
Tgt Ion: 82 Resp: 2037096
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 48.9 42.7 64.1



#26
2-Nitrophenol
Concen: 3.795 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.035 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:139 Resp: 42
Ion Ratio Lower Upper
139 100
109 100.0 25.8 38.8#
65 468.0 41.8 62.8#

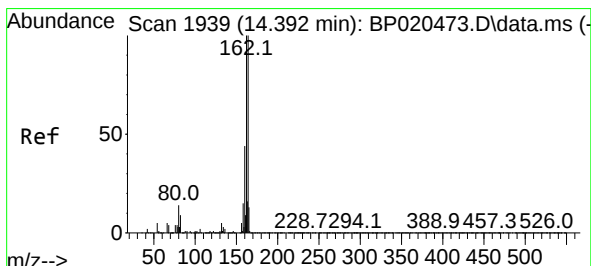
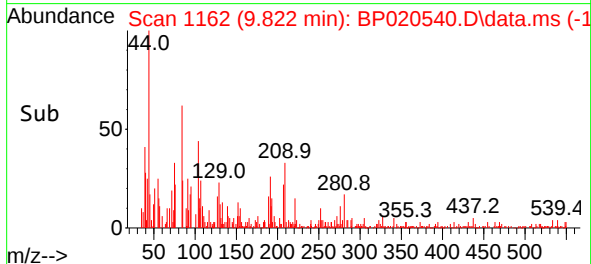
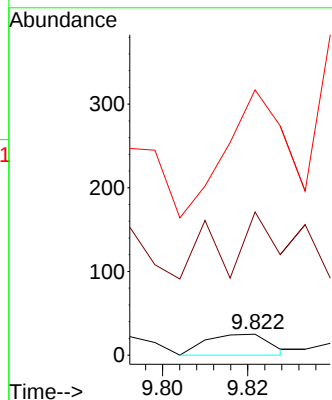
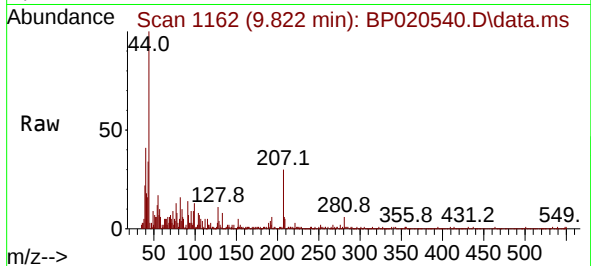




#32
Benzoic acid
Concen: 6.850 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

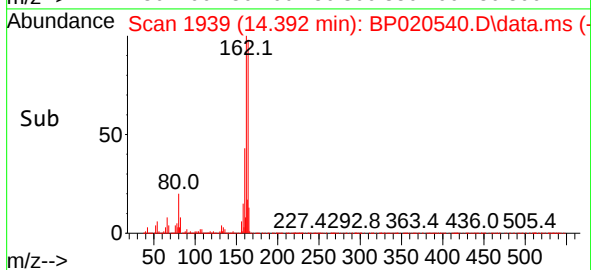
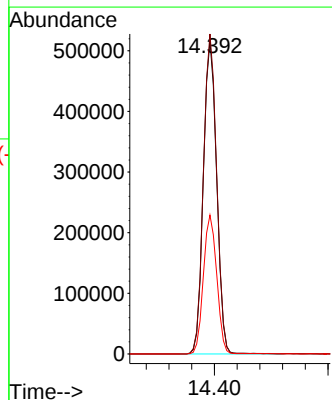
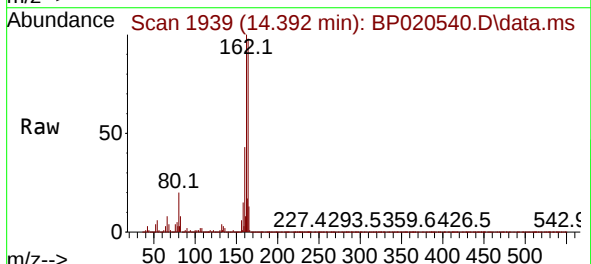
Instrument :
BNA_P
ClientSampleId :
PB161222BL

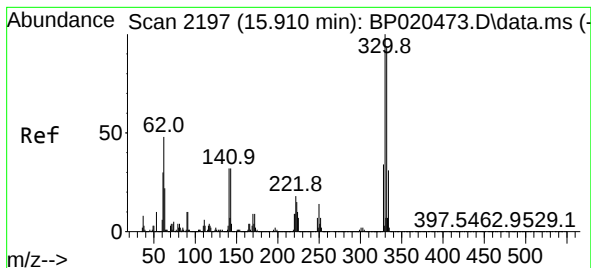
Tgt Ion:122 Resp: 26
Ion Ratio Lower Upper
122 100
105 684.0 107.5 147.5#
77 1268.0 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:164 Resp: 836597
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 139.649 ng

RT: 15.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020540.D

Acq: 06 Jun 2024 13:42

Instrument :

BNA_P

ClientSampleId :

PB161222BL

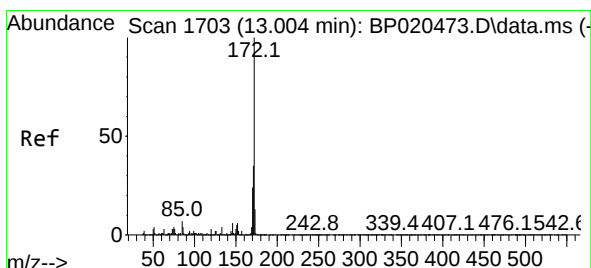
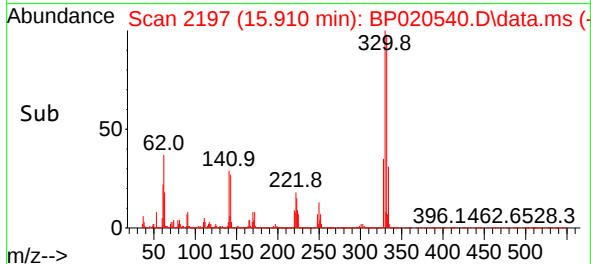
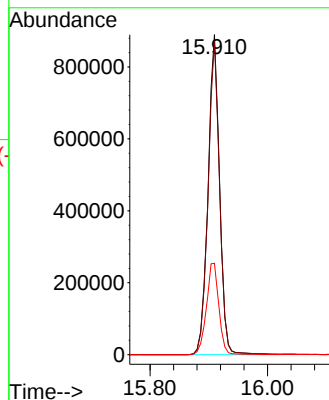
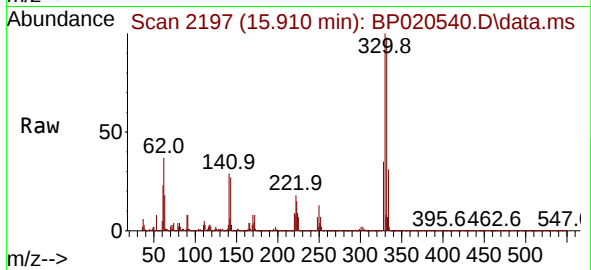
Tgt Ion:330 Resp: 1212471

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

141 30.8 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 82.775 ng

RT: 13.010 min Scan# 1704

Delta R.T. 0.005 min

Lab File: BP020540.D

Acq: 06 Jun 2024 13:42

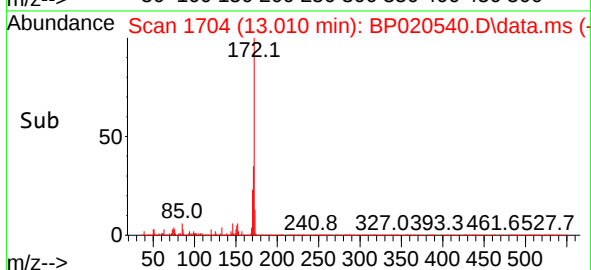
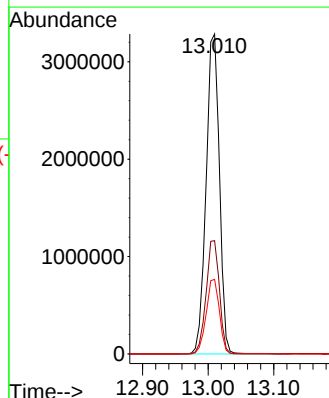
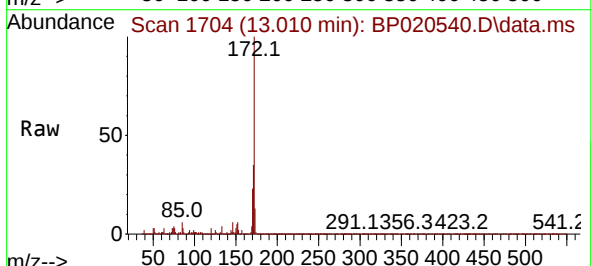
Tgt Ion:172 Resp: 4645323

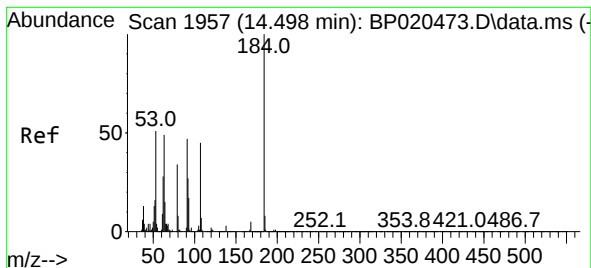
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.9 28.3

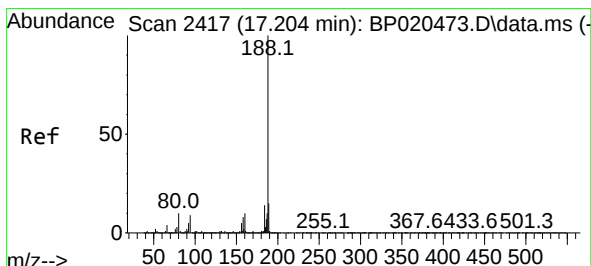
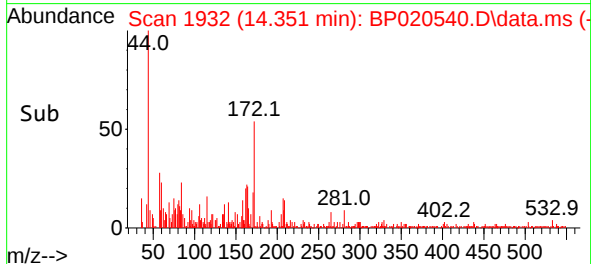
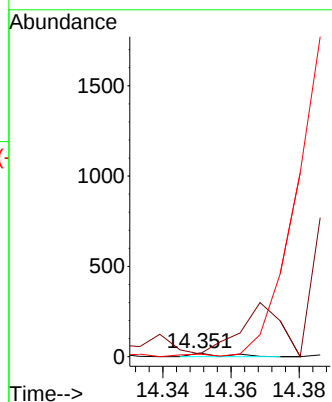
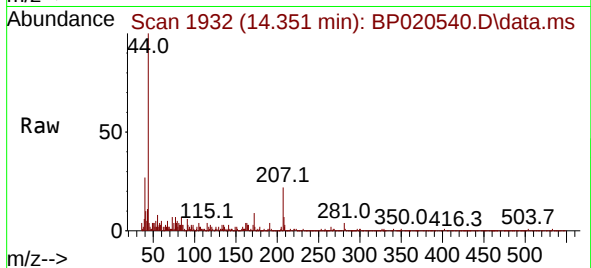




#54
2,4-Dinitrophenol
Concen: 4.977 ng
RT: 14.351 min Scan# 1957
Delta R.T. -0.147 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

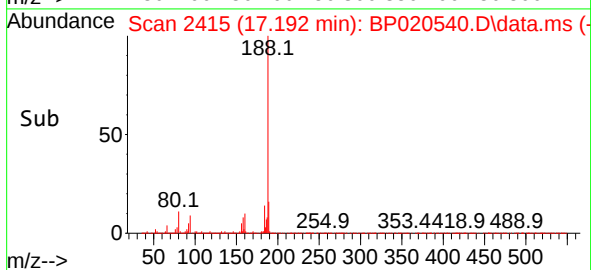
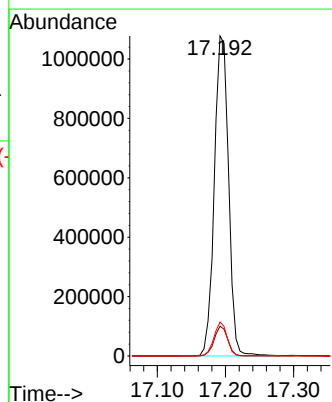
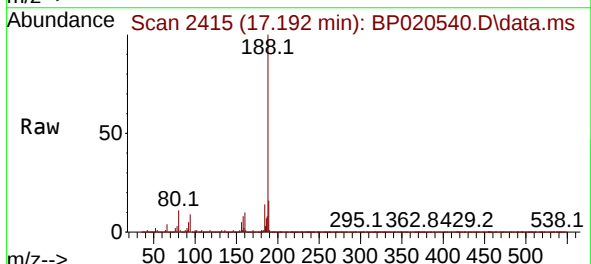
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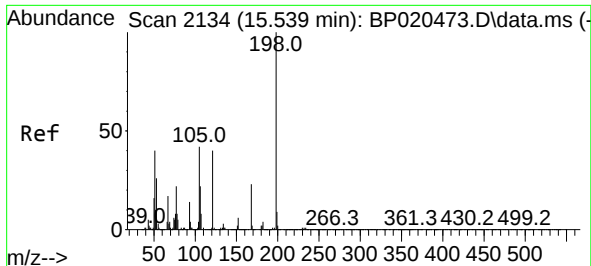
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 71.4 54.2 81.4
154 66.7 51.0 76.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:188 Resp: 1567267
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.6 8.1 12.1

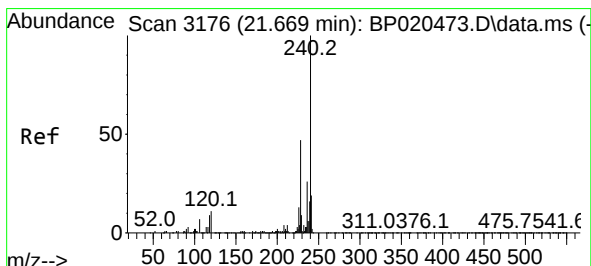
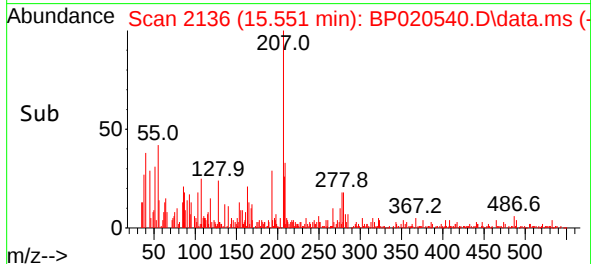
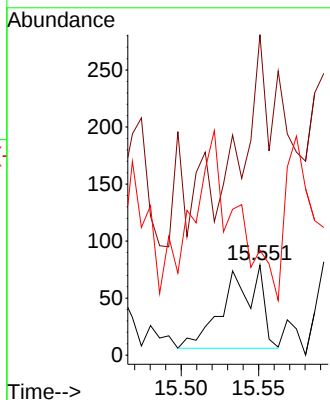
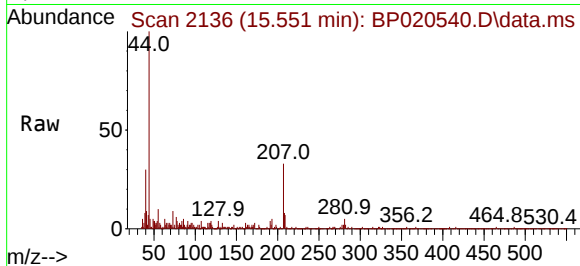




#65
4,6-Dinitro-2-methylphenol
Concen: 7.667 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

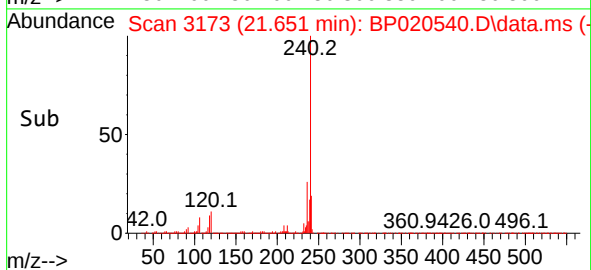
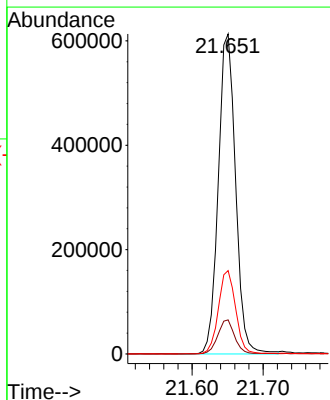
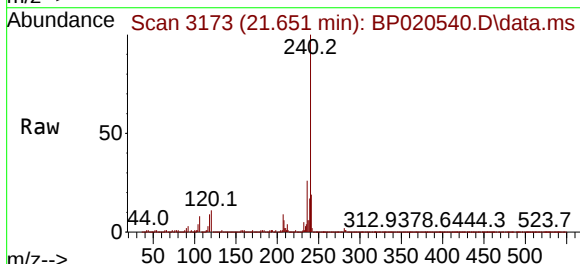
Instrument :
BNA_P
ClientSampleId :
PB161222BL

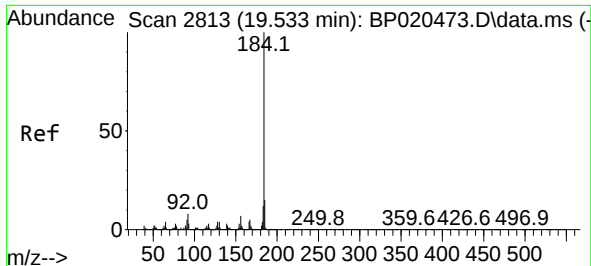
Tgt Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
51 355.7 24.8 64.8#
105 129.1 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:240 Resp: 1033935
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.1 20.5 30.7





#77

Benzidine

Concen: 5.973 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP020540.D

Acq: 06 Jun 2024 13:42

Instrument :

BNA_P

ClientSampleId :

PB161222BL

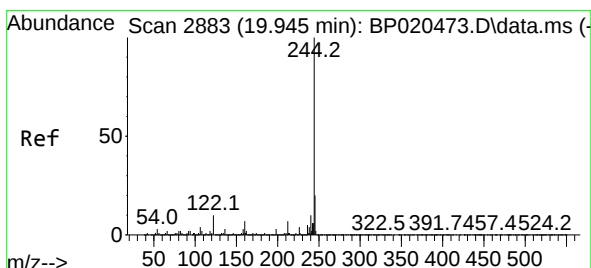
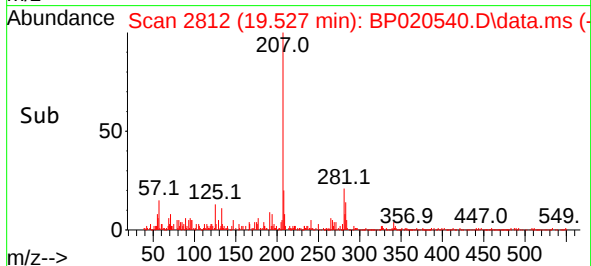
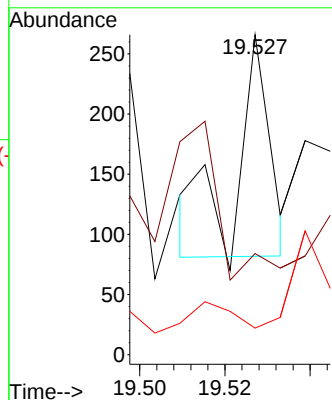
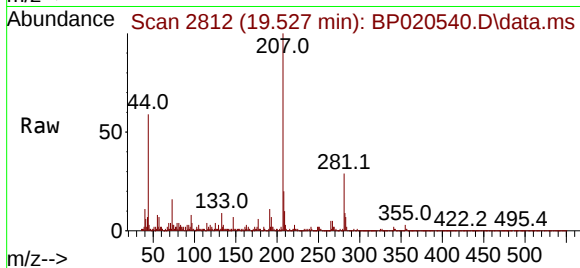
Tgt Ion:184 Resp: 100

Ion Ratio Lower Upper

184 100

185 31.6 12.0 18.0#

183 8.3 9.4 14.0#



#79

Terphenyl-d14

Concen: 81.930 ng

RT: 19.927 min Scan# 2880

Delta R.T. -0.018 min

Lab File: BP020540.D

Acq: 06 Jun 2024 13:42

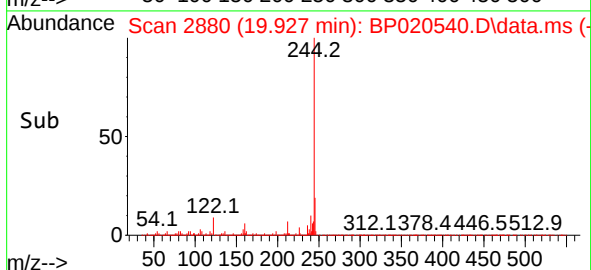
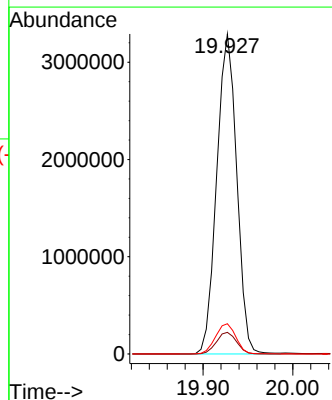
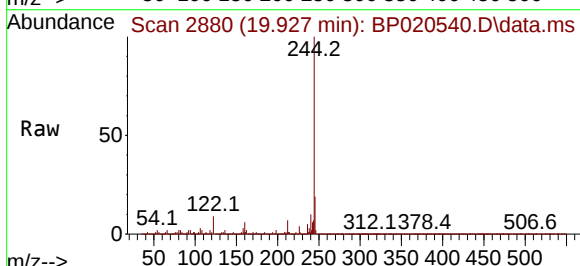
Tgt Ion:244 Resp: 5088529

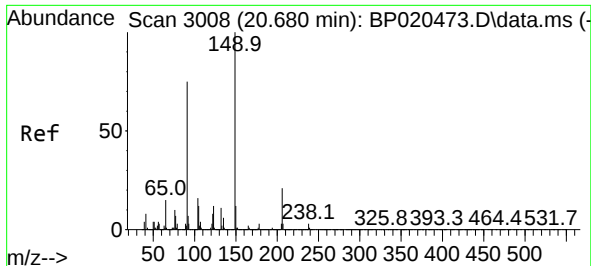
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.5 8.2 12.2

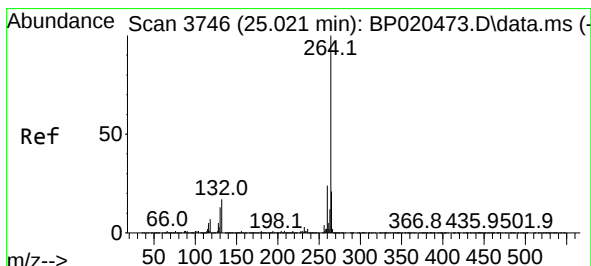
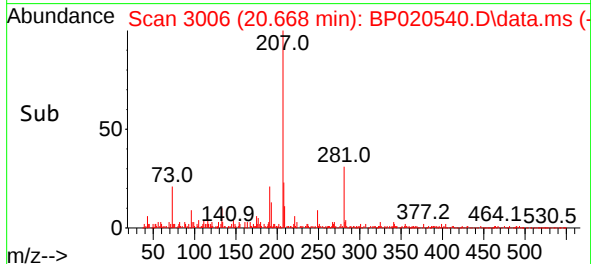
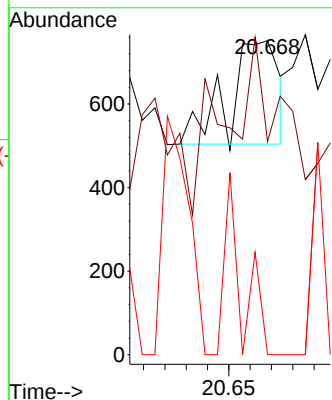
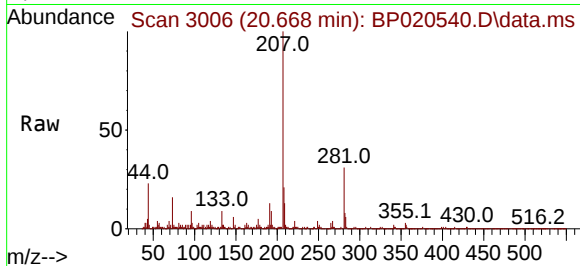




#80
Butylbenzylphthalate
Concen: 2.443 ng
RT: 20.668 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Instrument :
BNA_P
ClientSampleId :
PB161222BL

Tgt Ion:149 Resp: 402
Ion Ratio Lower Upper
149 100
91 67.8 60.0 90.0
206 0.0 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3743
Delta R.T. -0.018 min
Lab File: BP020540.D
Acq: 06 Jun 2024 13:42

Tgt Ion:264 Resp: 1301453
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.4 17.4 26.0

