

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020514.D
 Acq On : 05 Jun 2024 12:09
 Operator : MA/JU
 Sample : PB161253TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161253TB

Quant Time: Jun 05 12:55:23 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)

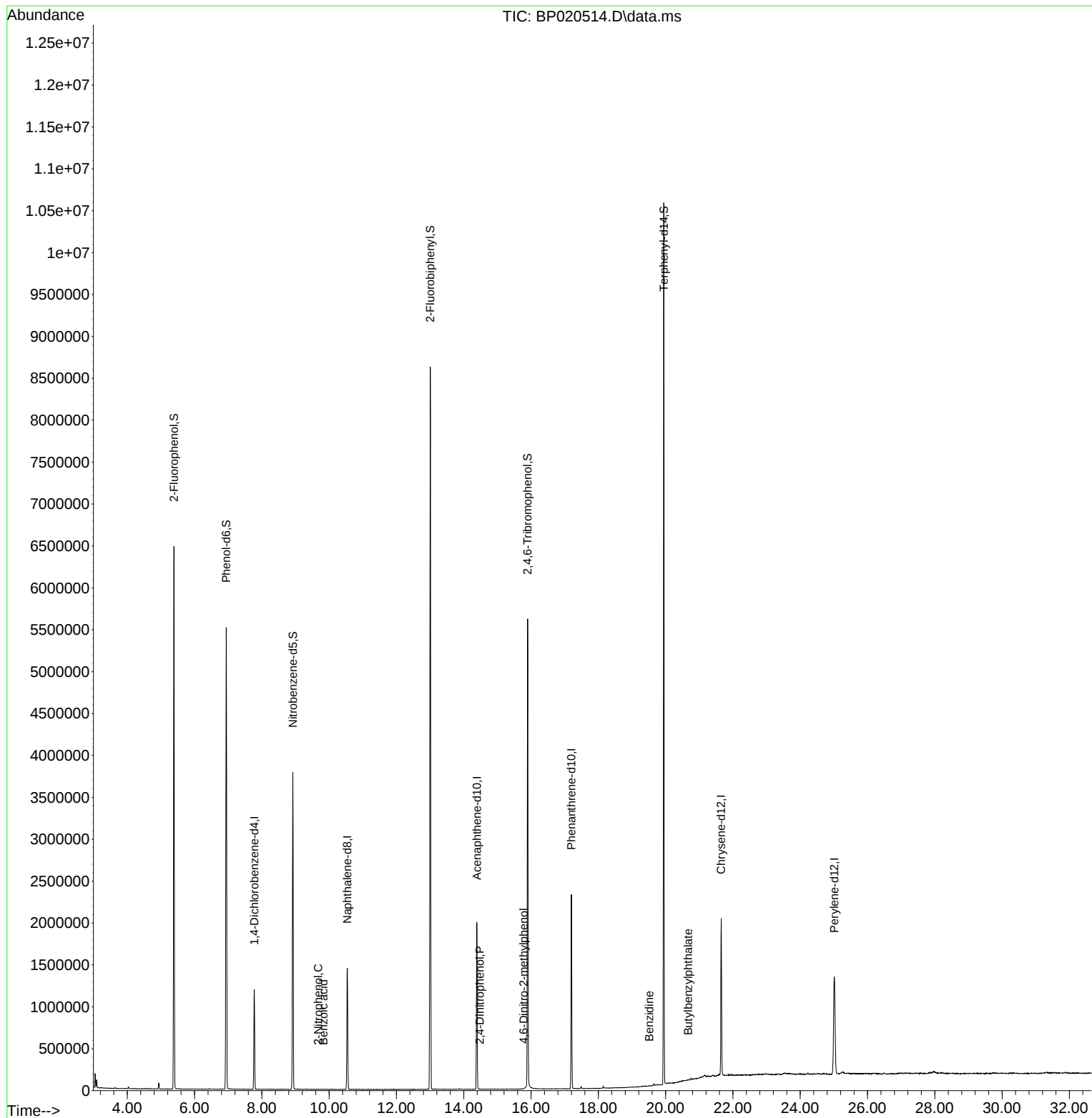
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	333837	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1276819	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	767901	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1431190	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1104903	20.000	ng	-0.02
86) Perylene-d12	25.016	264	1358489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2698151	144.709	ng	0.01
7) Phenol-d6	6.940	99	3395352	129.127	ng	0.00
23) Nitrobenzene-d5	8.922	82	2095528	89.840	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1098803	137.879	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	4680373	90.860	ng	0.00
79) Terphenyl-d14	19.945	244	5369977	80.908	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.675	139	21	3.793	ng	# 1
32) Benzoic acid	9.828	122	56	6.852	ng	# 1
54) 2,4-Dinitrophenol	14.481	184	21	4.979	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.787	198	275	7.690	ng	85
77) Benzidine	19.516	184	524	5.982	ng	# 90
80) Butylbenzylphthalate	20.669	149	191	2.436	ng	# 68

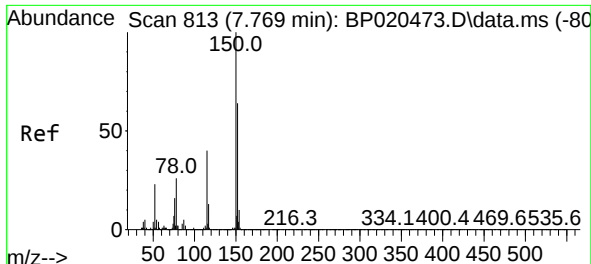
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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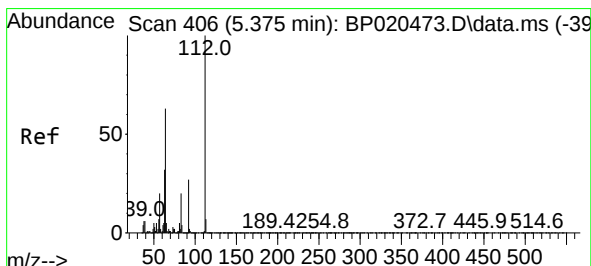
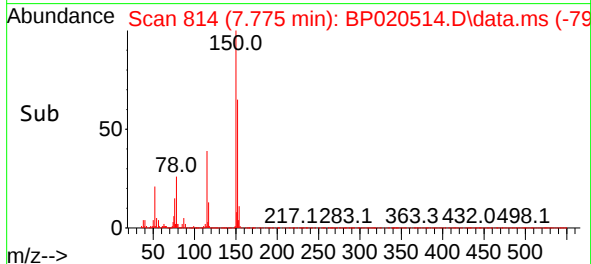
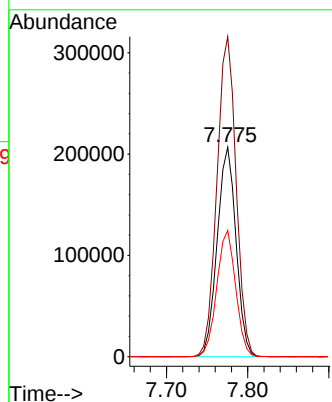
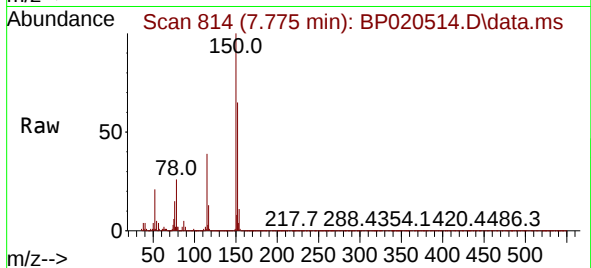




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 813
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

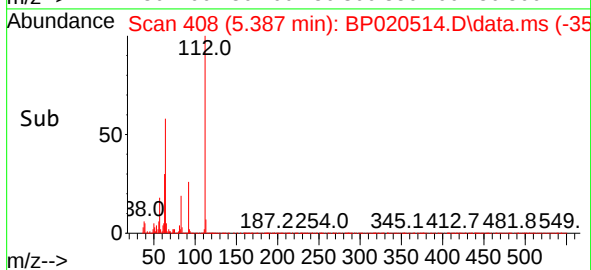
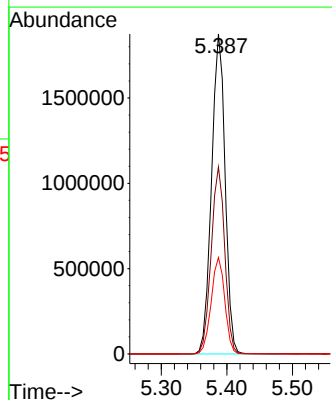
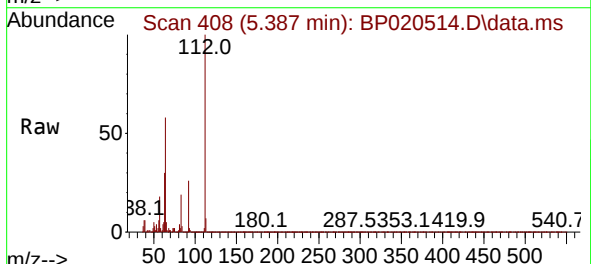
Instrument :
BNA_P
ClientSampleId :
PB161253TB

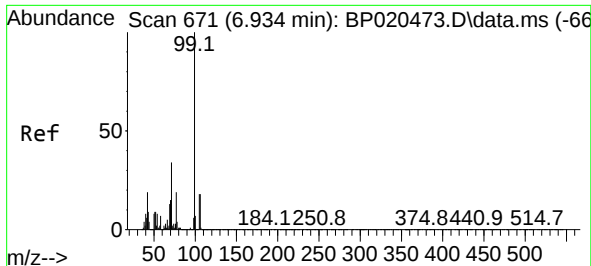
Tgt Ion:152 Resp: 333837
Ion Ratio Lower Upper
152 100
150 152.8 124.2 186.2
115 60.3 49.5 74.3



#5
2-Fluorophenol
Concen: 144.709 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.012 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:112 Resp: 2698151
Ion Ratio Lower Upper
112 100
64 58.4 50.1 75.1
63 30.1 25.7 38.5

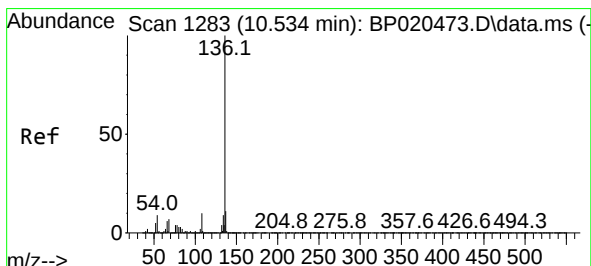
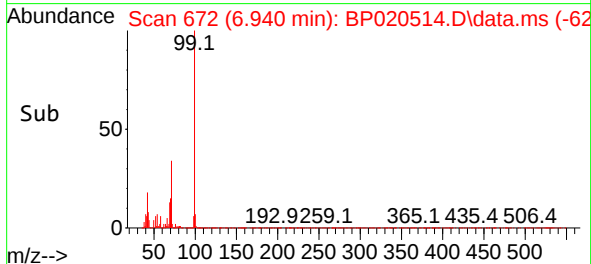
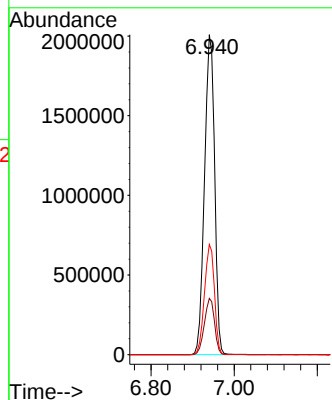
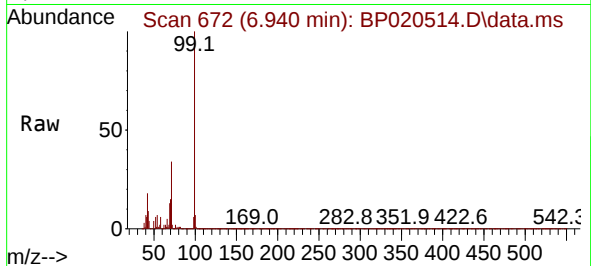




#7
Phenol-d6
Concen: 129.127 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

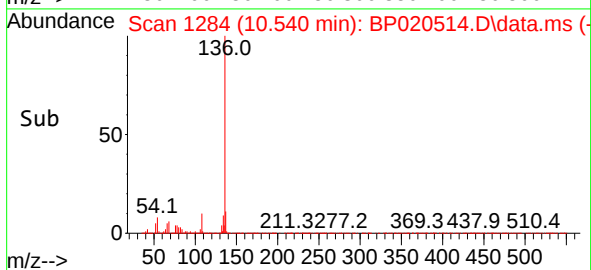
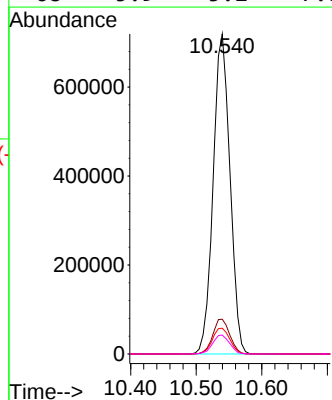
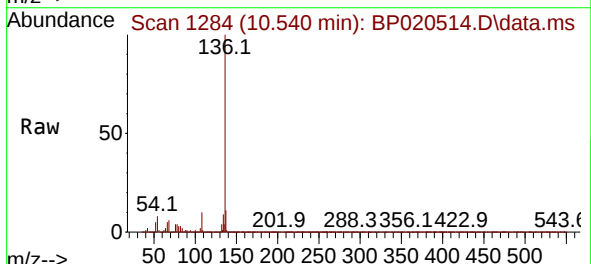
Instrument :
BNA_P
ClientSampleId :
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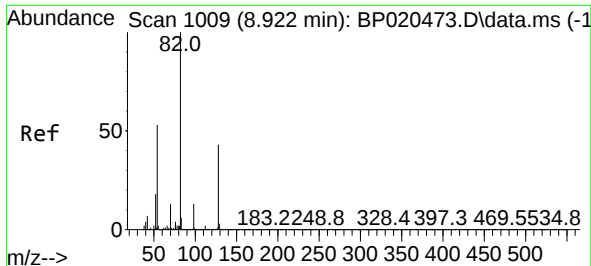
Tgt Ion: 99 Resp: 3395352
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:136 Resp: 1276819
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.4 11.0
68 5.9 5.2 7.8

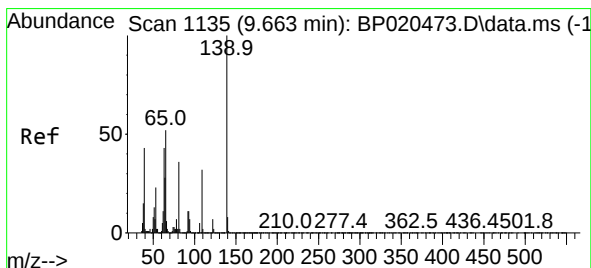
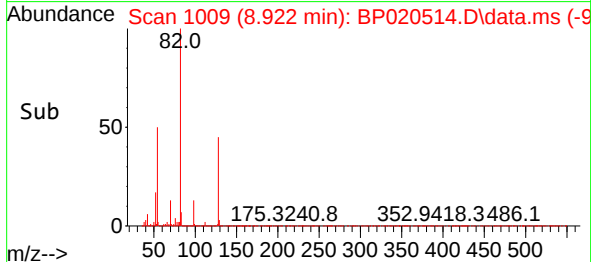
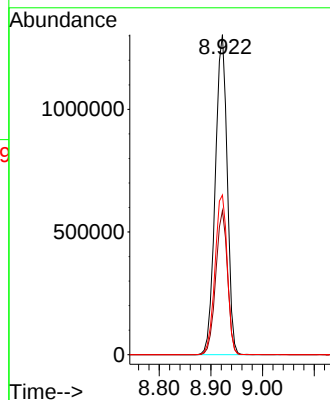
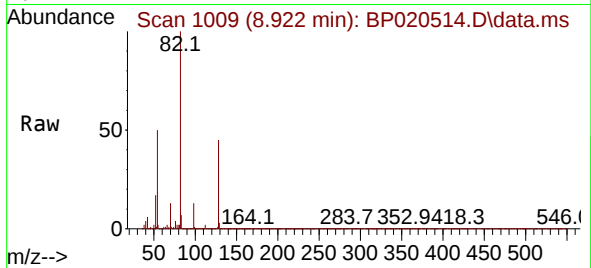




#23
Nitrobenzene-d5
Concen: 89.840 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

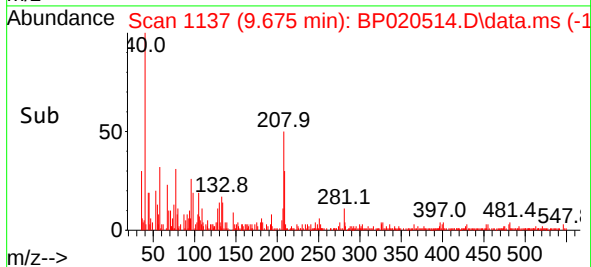
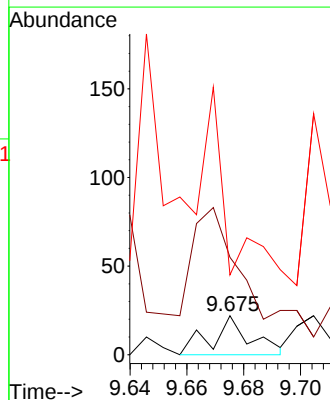
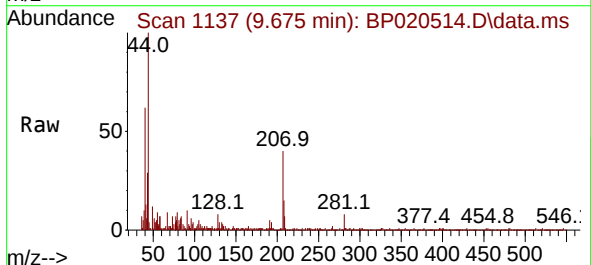
Instrument :
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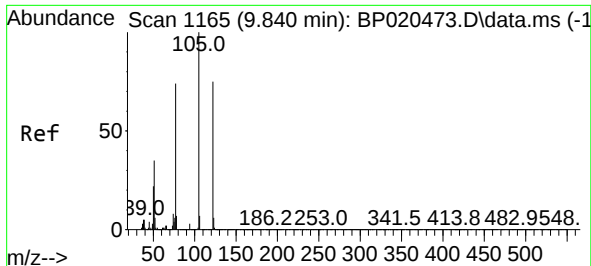
Tgt Ion: 82 Resp: 2095528
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 49.9 42.7 64.1



#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.675 min Scan# 1137
Delta R.T. 0.012 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 250.0 25.8 38.8#
65 204.5 41.8 62.8#

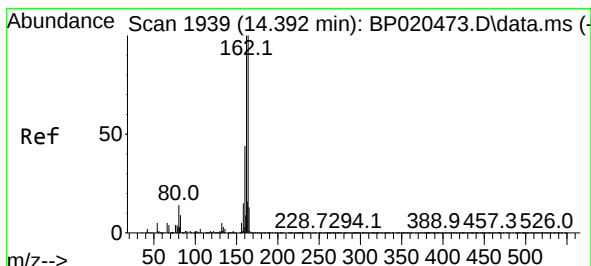
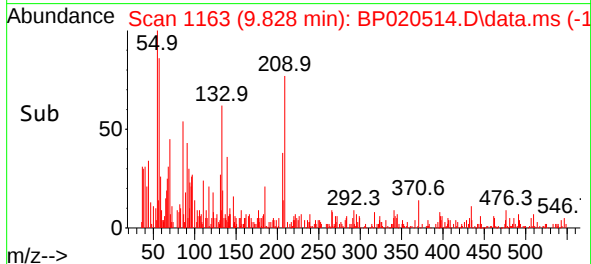
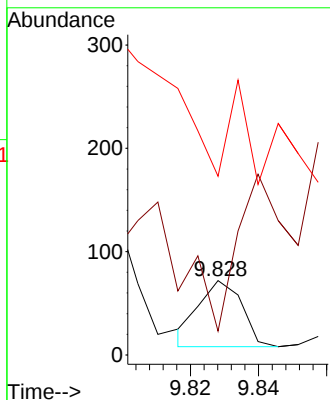
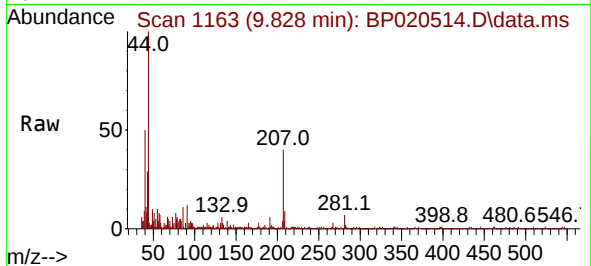




#32
Benzoic acid
Concen: 6.852 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

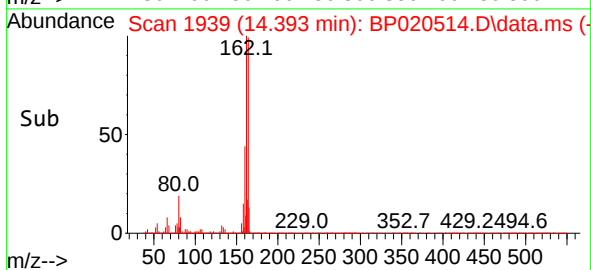
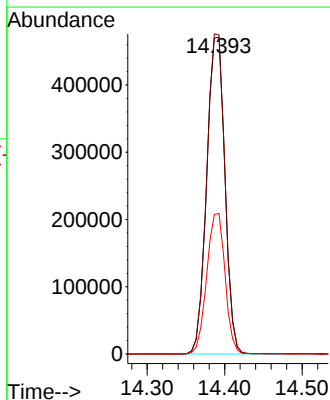
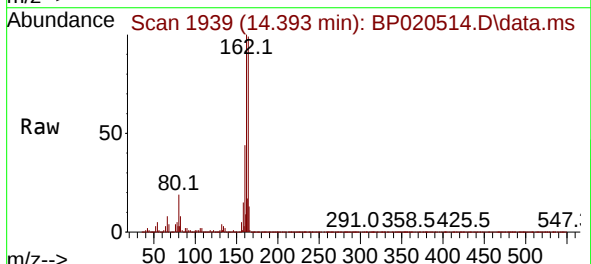
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BNA_P
ClientSampleId :
PB161253TB

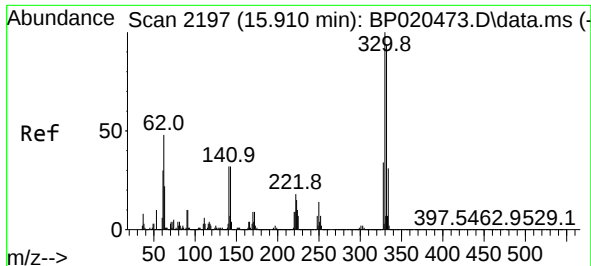
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 31.9 107.5 147.5#
77 240.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:164 Resp: 767901
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 44.4 35.4 53.2

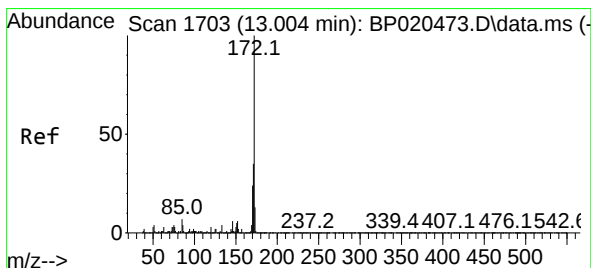
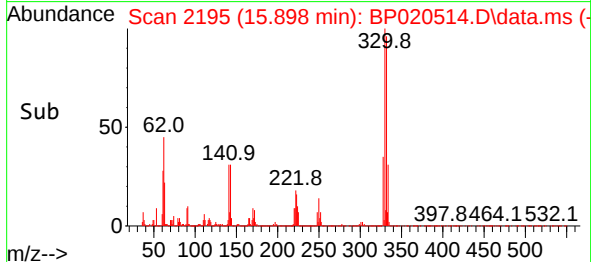
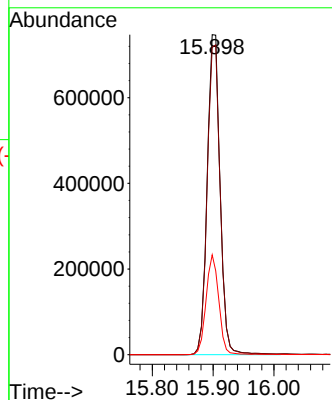
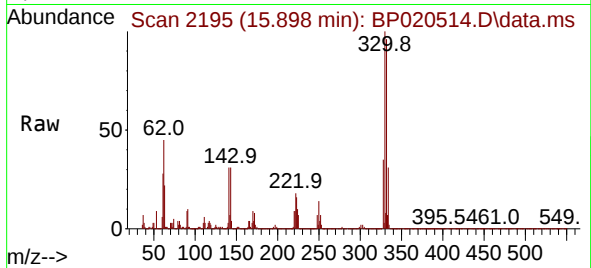




#42
2,4,6-Tribromophenol
Concen: 137.879 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

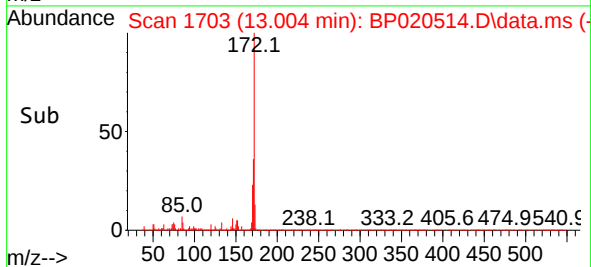
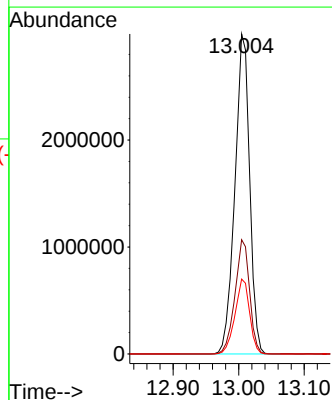
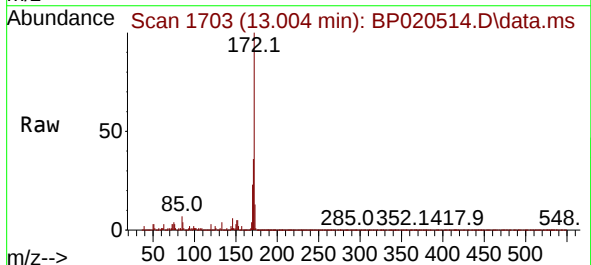
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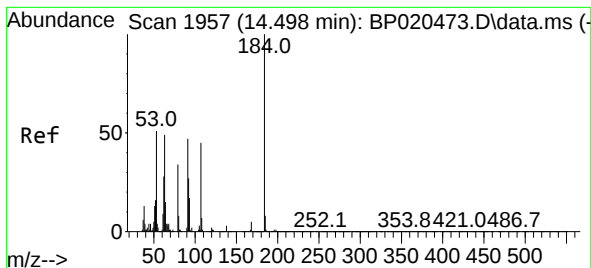
Tgt Ion:330 Resp: 1098803
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 30.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 90.860 ng
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:172 Resp: 4680373
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.4 18.9 28.3

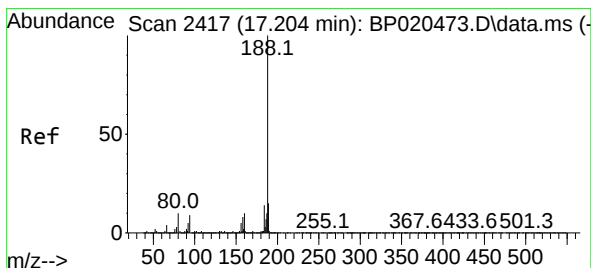
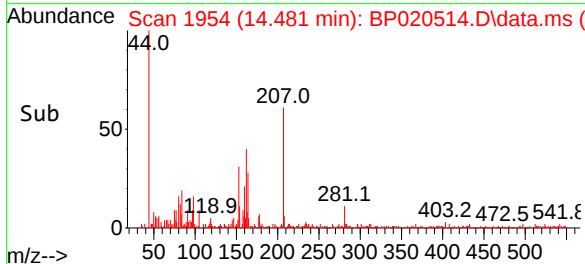
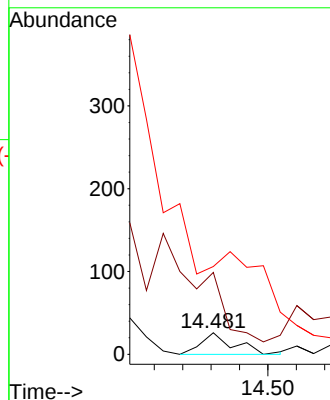
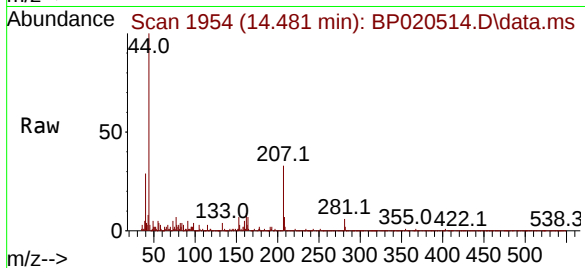




#54
2,4-Dinitrophenol
Concen: 4.979 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.017 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

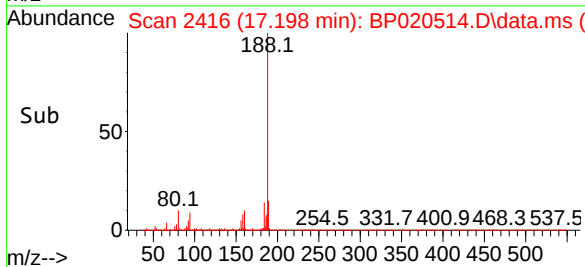
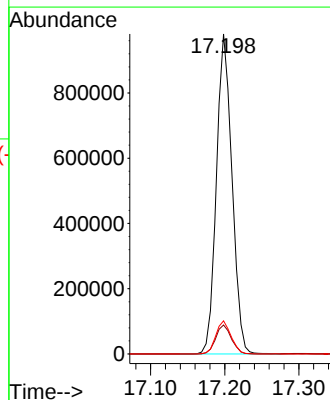
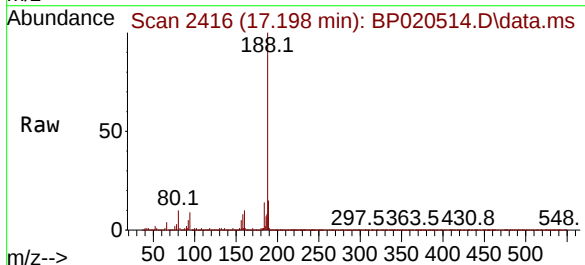
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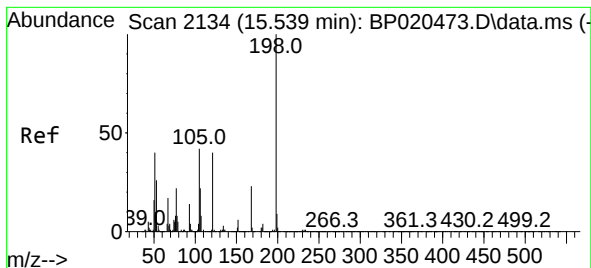
Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 380.8 54.2 81.4#
154 407.7 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:188 Resp: 1431190
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 8.1 12.1

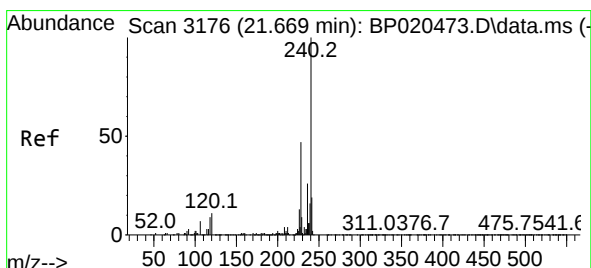
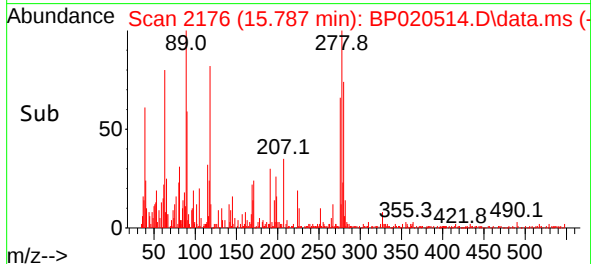
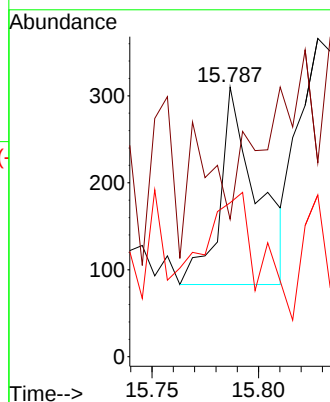
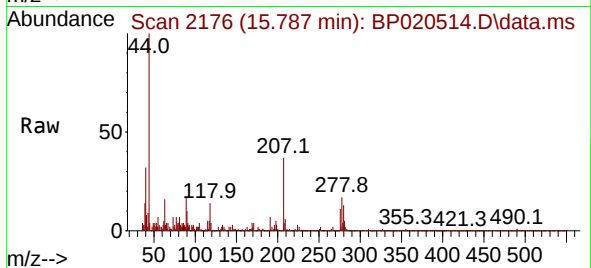




#65
4,6-Dinitro-2-methylphenol
Concen: 7.690 ng
RT: 15.787 min Scan# 2134
Delta R.T. 0.248 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

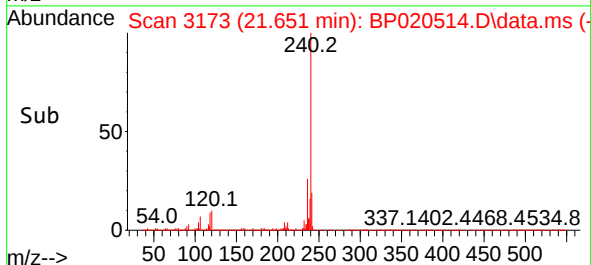
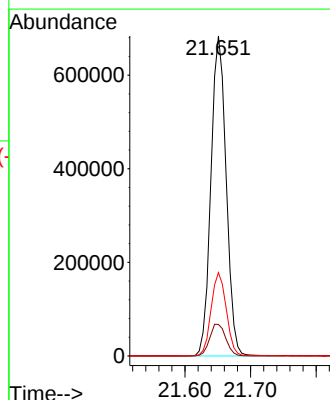
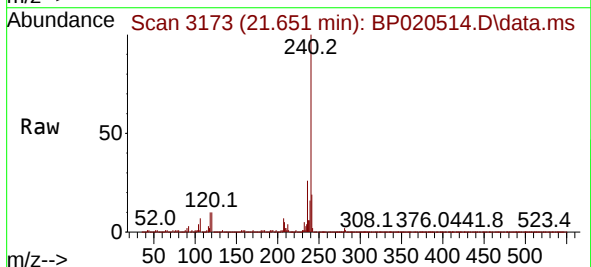
Instrument :
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ClientSampleId :
PB161253TB

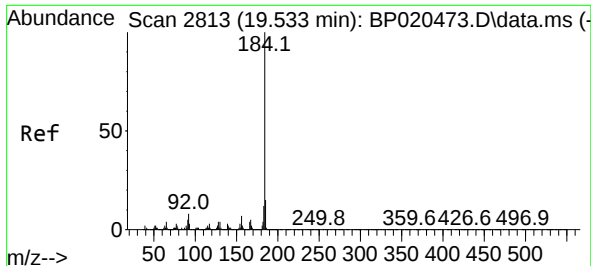
Tgt Ion:198 Resp: 275
Ion Ratio Lower Upper
198 100
51 51.0 24.8 64.8
105 57.1 23.2 63.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:240 Resp: 1104903
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 26.0 20.5 30.7

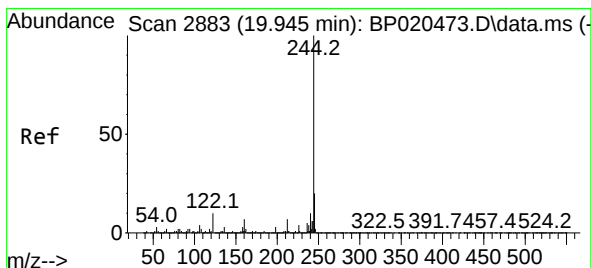
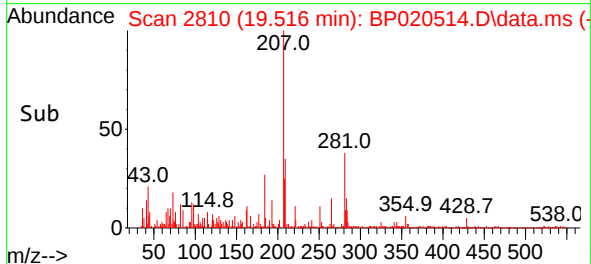
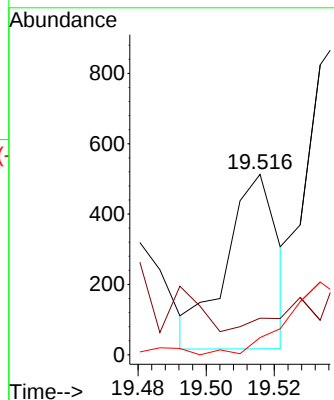
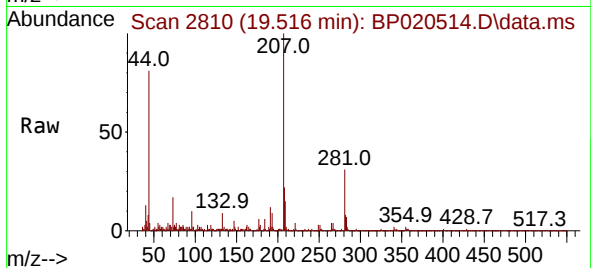




#77
Benzidine
Concen: 5.982 ng
RT: 19.516 min Scan# 2810
Delta R.T. -0.017 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

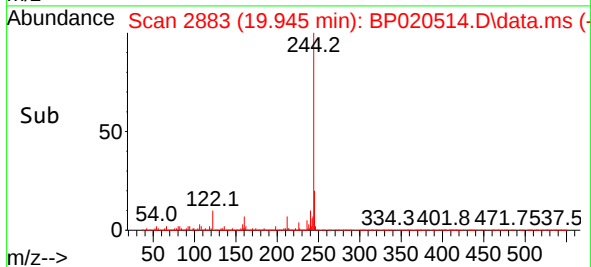
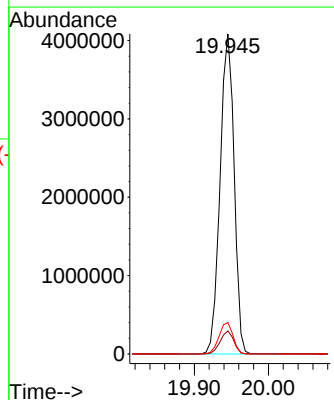
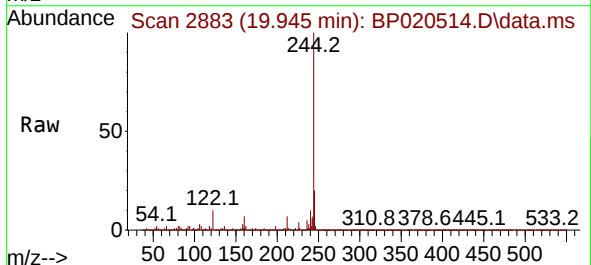
Instrument :
BNA_P
ClientSampleId :
PB161253TB

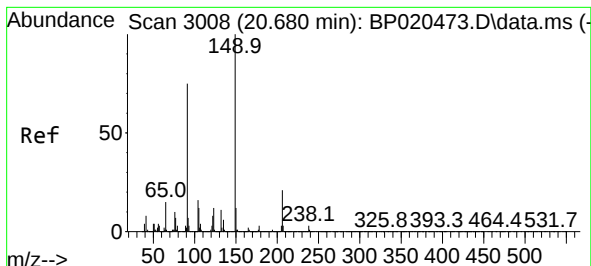
Tgt Ion:184 Resp: 524
Ion Ratio Lower Upper
184 100
185 20.3 12.0 18.0#
183 9.6 9.4 14.0



#79
Terphenyl-d14
Concen: 80.908 ng
RT: 19.945 min Scan# 2883
Delta R.T. 0.000 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:244 Resp: 5369977
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.8 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.436 ng

RT: 20.669 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Instrument :

BNA_P

ClientSampleId :

PB161253TB

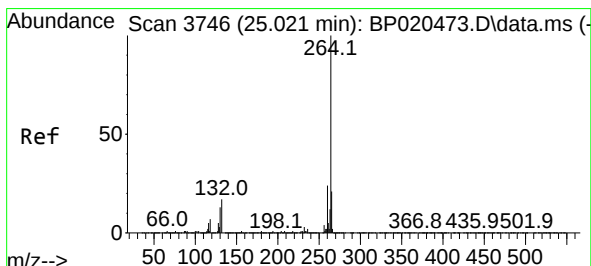
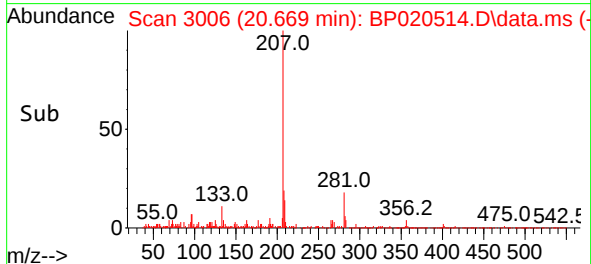
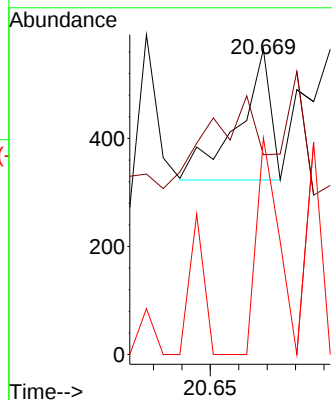
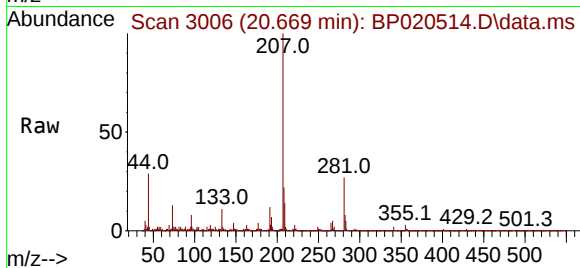
Tgt Ion:149 Resp: 191

Ion Ratio Lower Upper

149 100

91 65.5 60.0 90.0

206 71.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.016 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Tgt Ion:264 Resp: 1358489

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.5 17.4 26.0

