

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020611.D
 Acq On : 13 Jun 2024 14:16
 Operator : MA/JU
 Sample : PB161479BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161479BL

Quant Time: Jun 13 14:47:30 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)

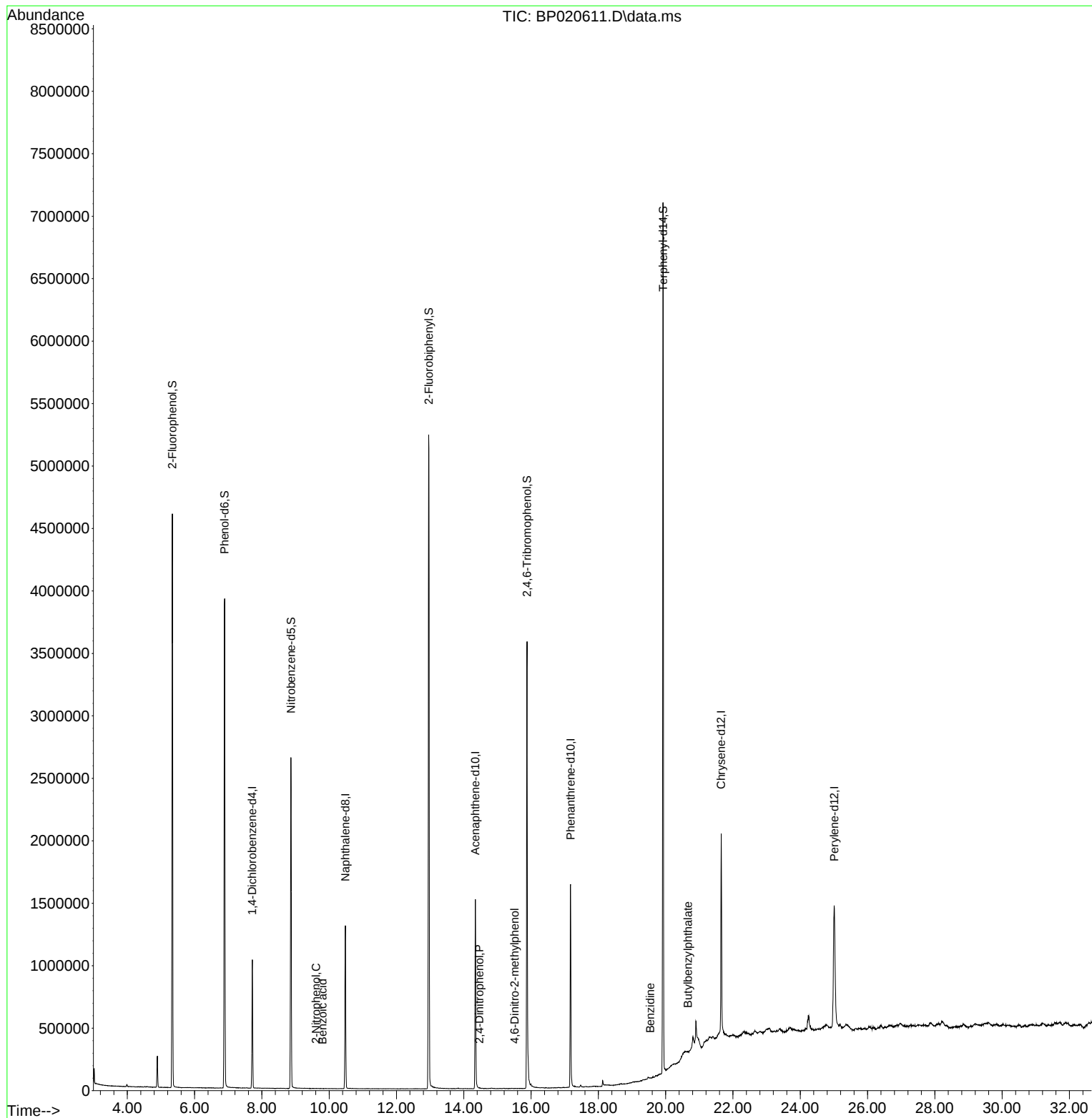
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	277688	20.000	ng	-0.05
21) Naphthalene-d8	10.481	136	1024407	20.000	ng	-0.05
39) Acenaphthene-d10	14.345	164	603109	20.000	ng	-0.05
64) Phenanthrene-d10	17.174	188	1076458	20.000	ng	-0.03
76) Chrysene-d12	21.651	240	951596	20.000	ng	-0.02
86) Perylene-d12	25.009	264	1306086	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1974423	127.305	ng	-0.04
7) Phenol-d6	6.893	99	2379542	108.793	ng	-0.04
23) Nitrobenzene-d5	8.863	82	1512080	80.799	ng	-0.06
42) 2,4,6-Tribromophenol	15.880	330	816862	130.508	ng	-0.03
45) 2-Fluorobiphenyl	12.963	172	3288366	81.280	ng	-0.04
79) Terphenyl-d14	19.921	244	4041644	70.705	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.610	139	50	3.797	ng	# 1
32) Benzoic acid	9.798	122	50	6.852	ng	# 26
54) 2,4-Dinitrophenol	14.463	184	13	4.978	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.510	198	19	7.657	ng	# 1
77) Benzidine	19.545	184	677	5.988	ng	# 65
80) Butylbenzylphthalate	20.662	149	449	2.446	ng	# 67

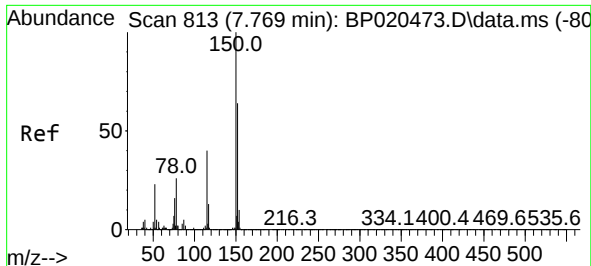
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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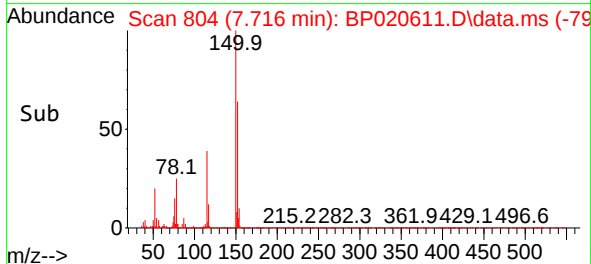
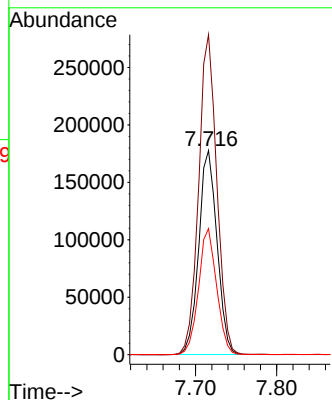
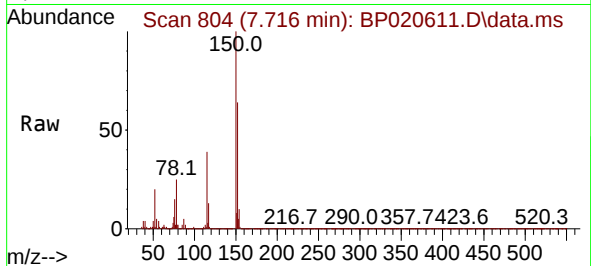




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.053 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

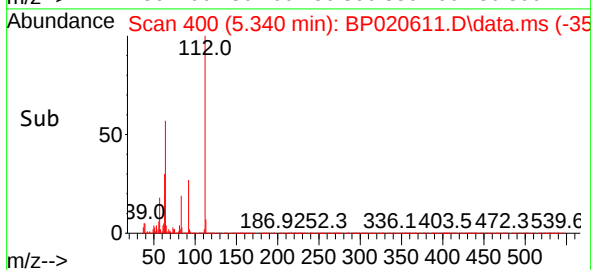
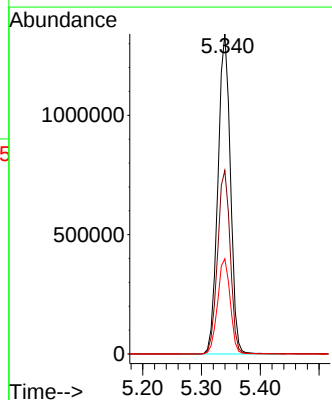
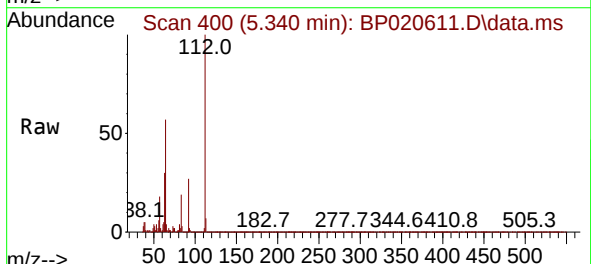
Instrument :
BNA_P
ClientSampleId :
PB161479BL

Tgt Ion:152 Resp: 277688
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 61.7 49.5 74.3



#5
2-Fluorophenol
Concen: 127.305 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.036 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:112 Resp: 1974423
Ion Ratio Lower Upper
112 100
64 57.4 50.1 75.1
63 29.8 25.7 38.5

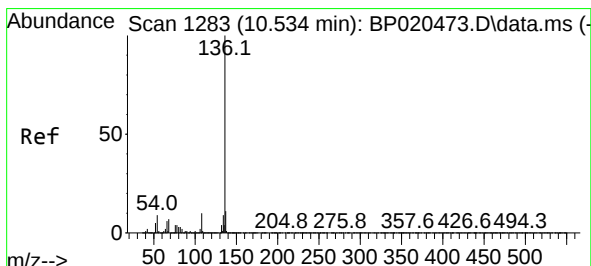
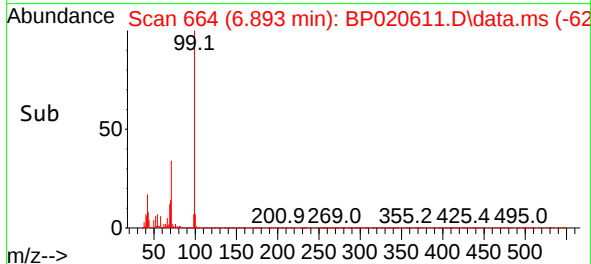
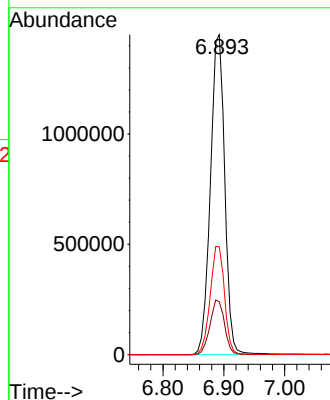
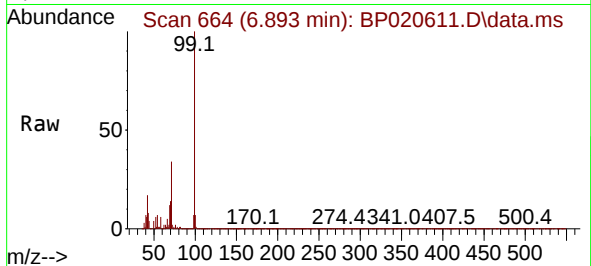




#7
Phenol-d6
Concen: 108.793 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.042 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

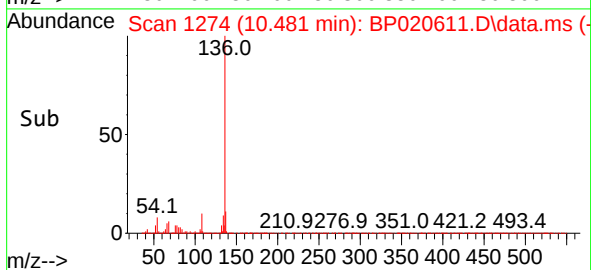
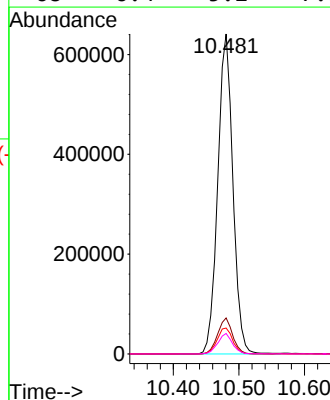
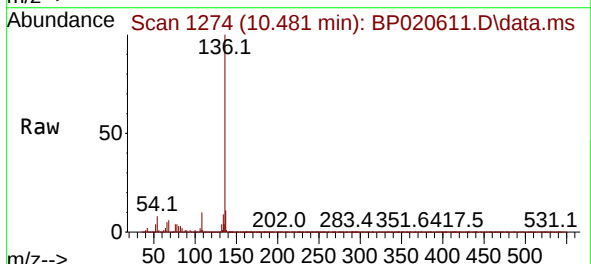
Instrument :
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ClientSampleId :
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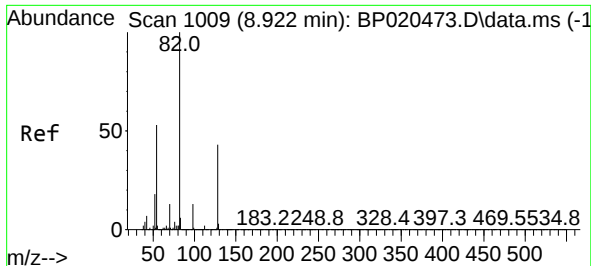
Tgt Ion: 99 Resp: 2379542
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.4
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1274
Delta R.T. -0.053 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:136 Resp: 1024407
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 7.4 11.0
68 6.4 5.2 7.8

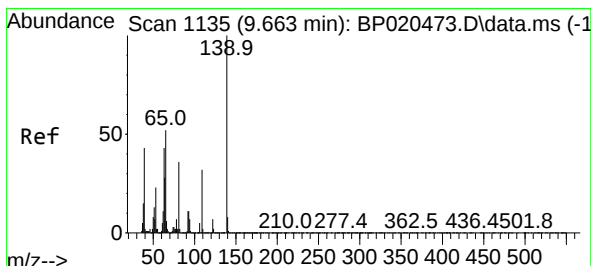
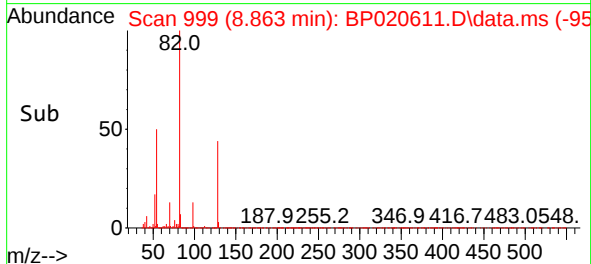
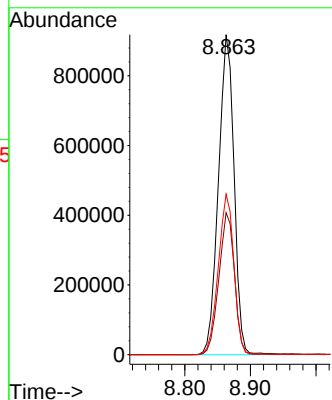
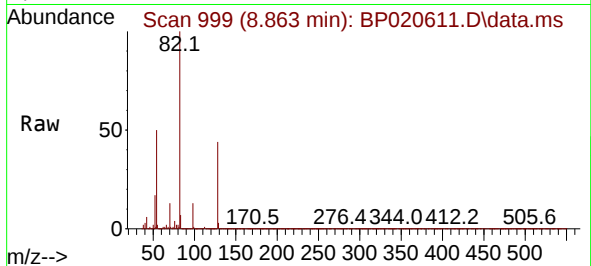




#23
Nitrobenzene-d5
Concen: 80.799 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.059 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

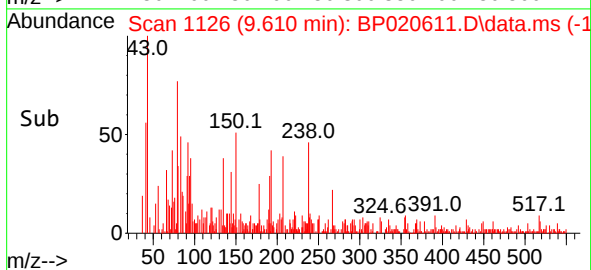
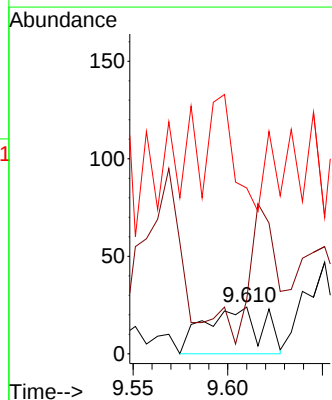
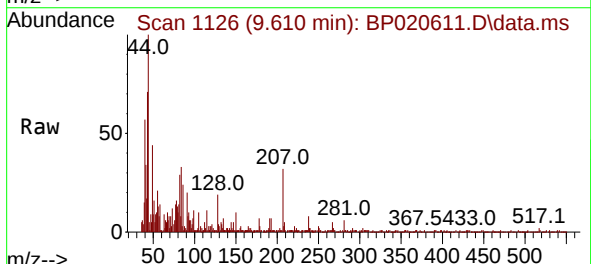
Instrument :
BNA_P
ClientSampleId :
PB161479BL

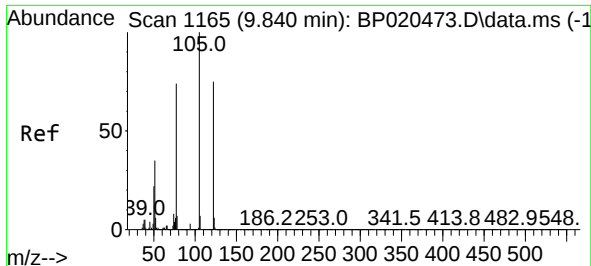
Tgt Ion: 82 Resp: 1512080
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 50.2 42.7 64.1



#26
2-Nitrophenol
Concen: 3.797 ng
RT: 9.610 min Scan# 1126
Delta R.T. -0.053 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 59.2 25.8 38.8#
65 173.5 41.8 62.8#

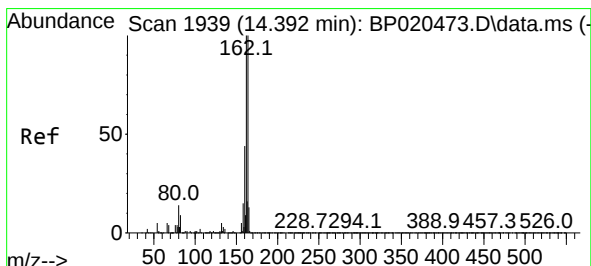
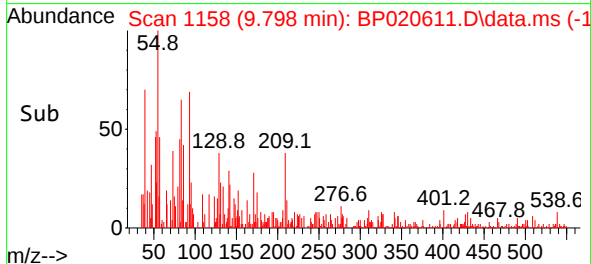
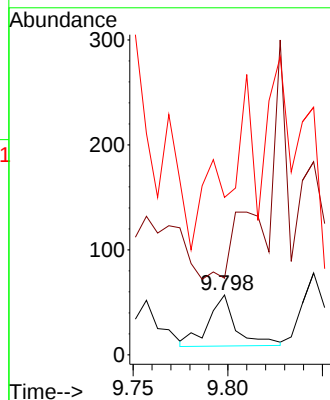
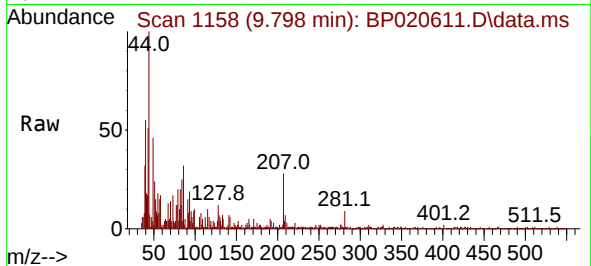




#32
Benzoic acid
Concen: 6.852 ng
RT: 9.798 min Scan# 1165
Delta R.T. -0.042 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

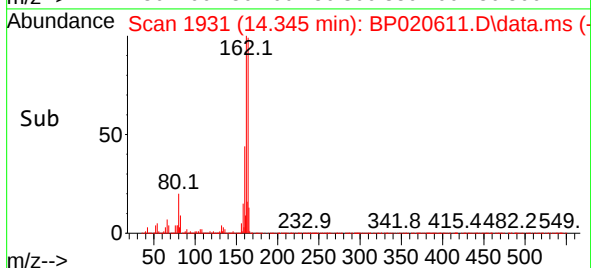
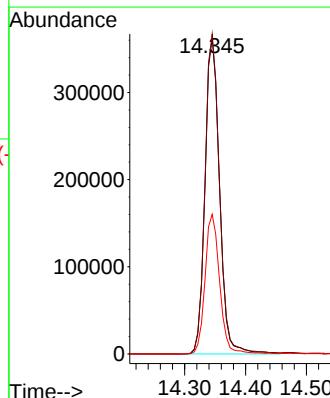
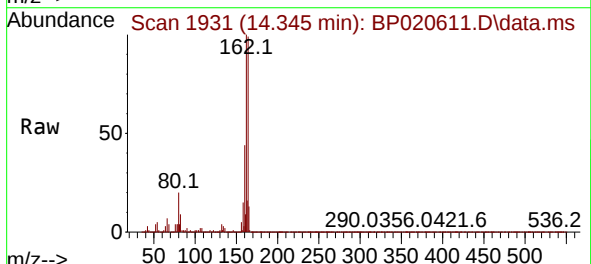
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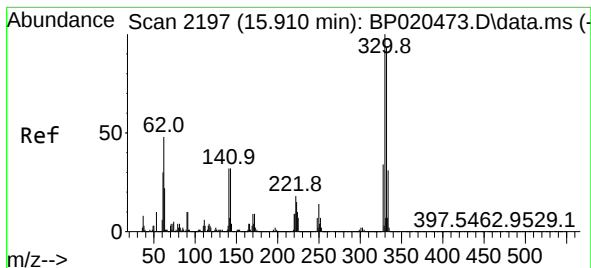
Tgt Ion:122 Resp: 50
Ion Ratio Lower Upper
122 100
105 128.1 107.5 147.5
77 263.2 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.047 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:164 Resp: 603109
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 44.3 35.4 53.2

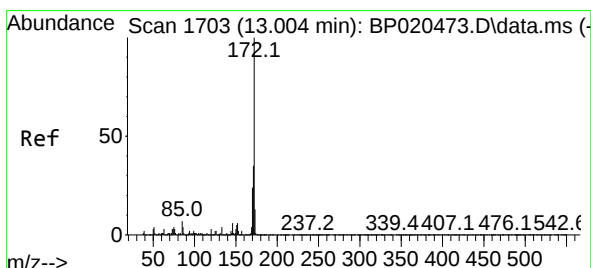
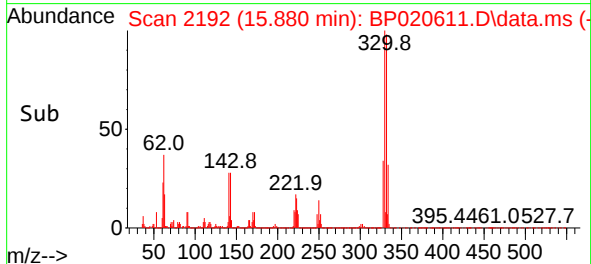
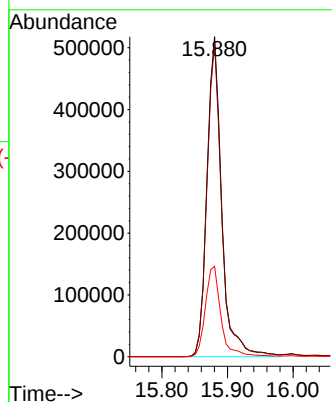
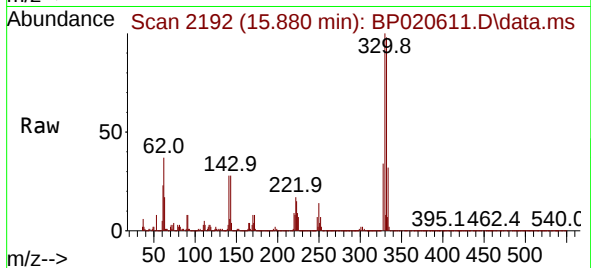




#42
2,4,6-Tribromophenol
Concen: 130.508 ng
RT: 15.880 min Scan# 2197
Delta R.T. -0.030 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

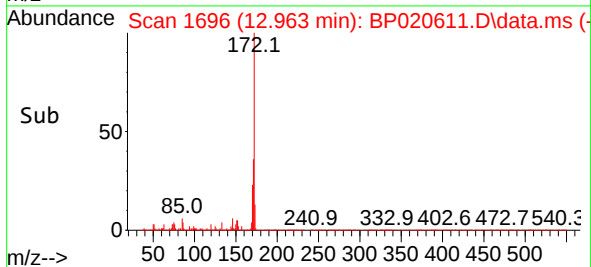
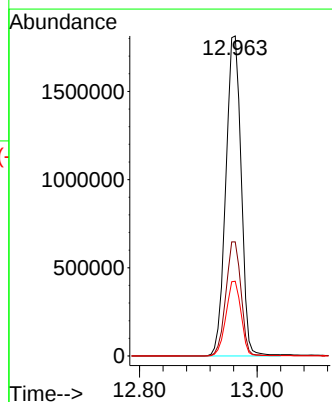
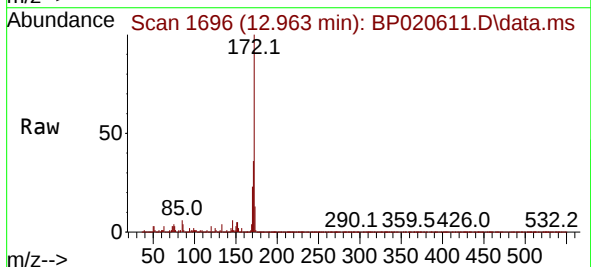
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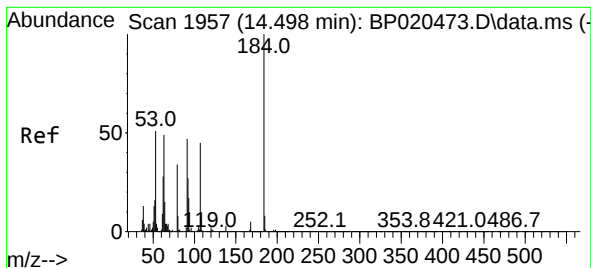
Tgt Ion:330 Resp: 816862
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 29.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 81.280 ng
RT: 12.963 min Scan# 1696
Delta R.T. -0.042 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:172 Resp: 3288366
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.9 28.3

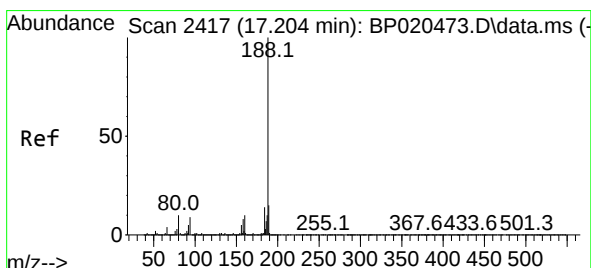
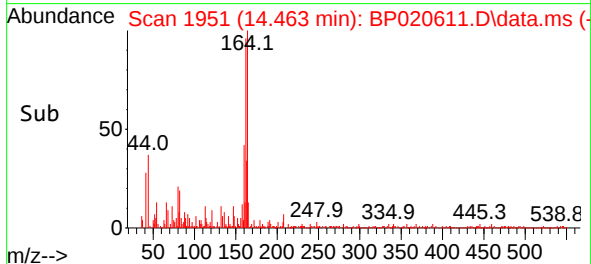
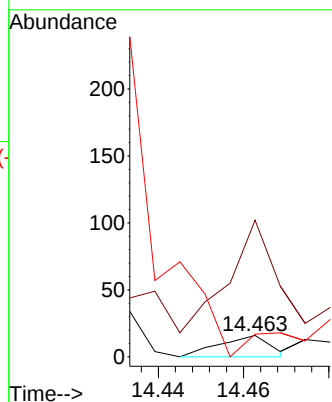
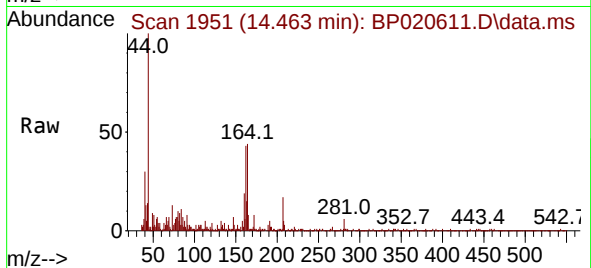




#54
2,4-Dinitrophenol
Concen: 4.978 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.035 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

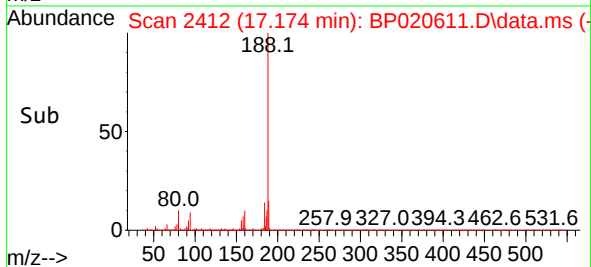
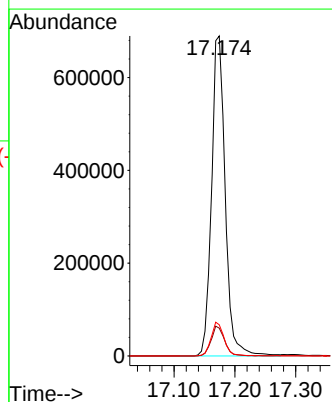
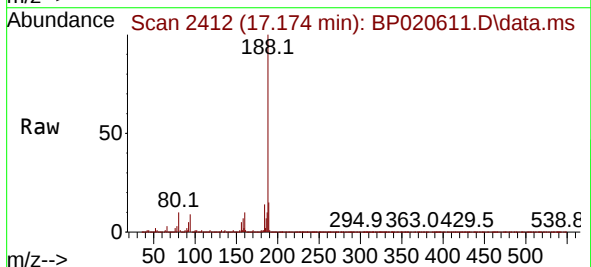
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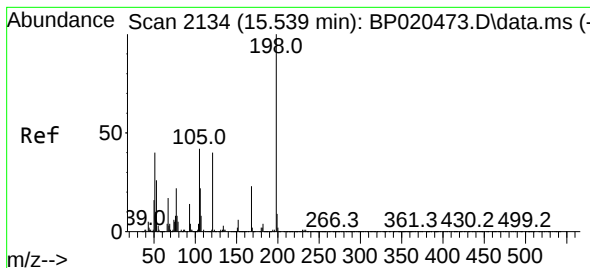
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 637.5 54.2 81.4#
154 150.0 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.030 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:188 Resp: 1076458
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.7 8.1 12.1

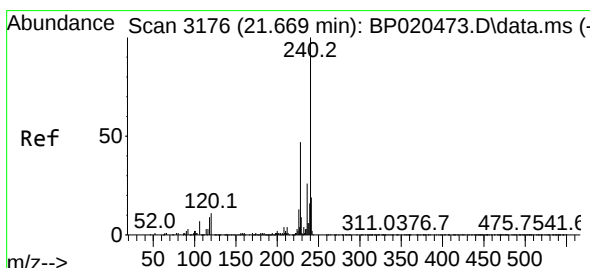
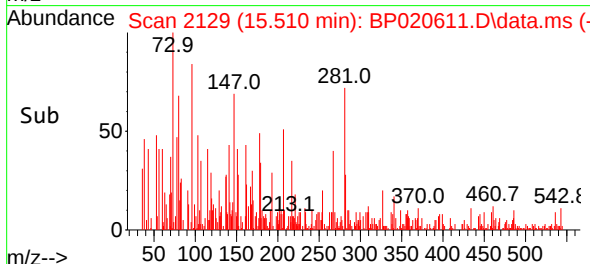
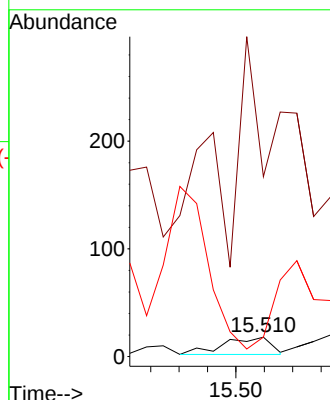
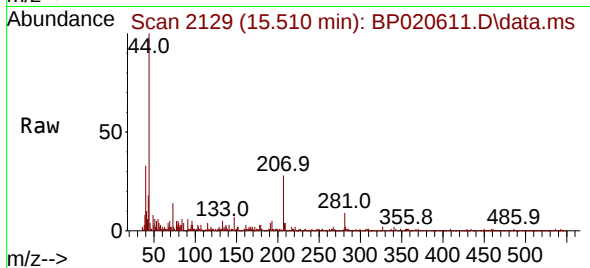




#65
4,6-Dinitro-2-methylphenol
Concen: 7.657 ng
RT: 15.510 min Scan# 2134
Delta R.T. -0.029 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

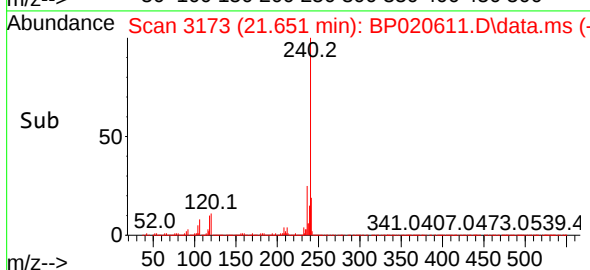
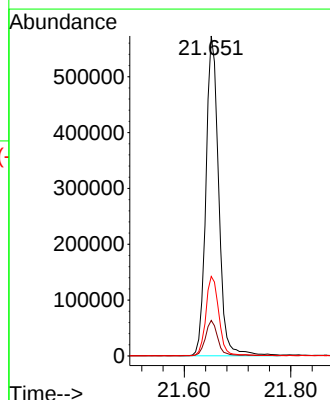
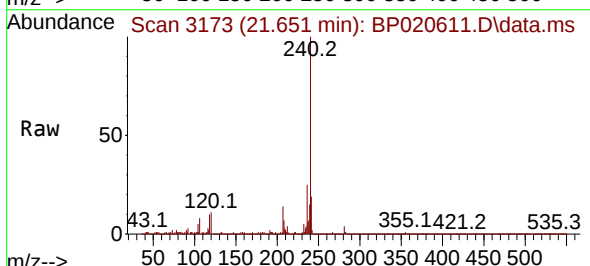
Instrument :
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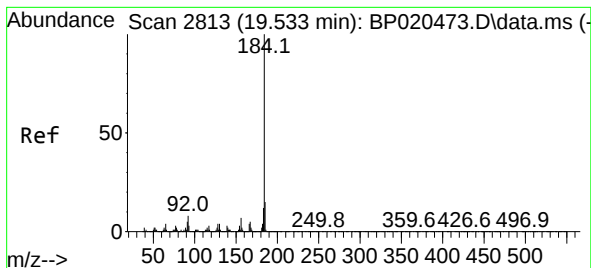
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 927.8 24.8 64.8#
105 100.0 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:240 Resp: 951596
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 24.8 20.5 30.7





#77

Benzidine

Concen: 5.988 ng

RT: 19.545 min Scan# 2815

Delta R.T. 0.012 min

Lab File: BP020611.D

Acq: 13 Jun 2024 14:16

Instrument :

BNA_P

ClientSampleId :

PB161479BL

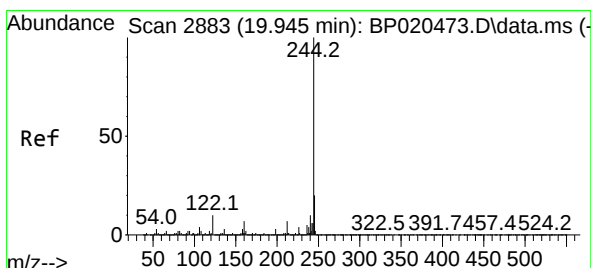
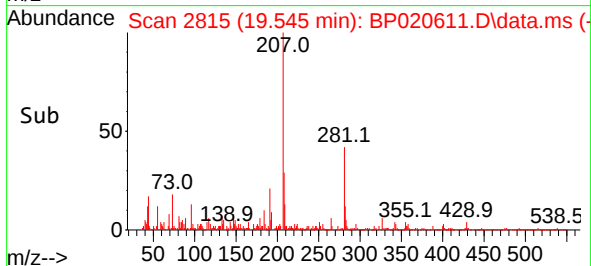
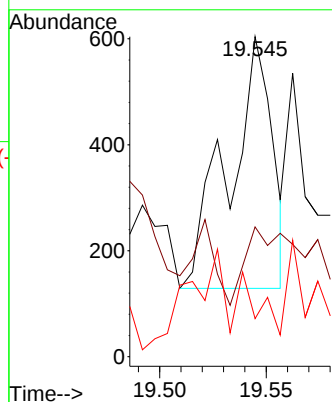
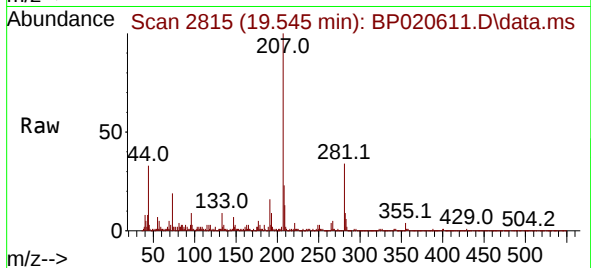
Tgt Ion:184 Resp: 677

Ion Ratio Lower Upper

184 100

185 40.6 12.0 18.0#

183 11.9 9.4 14.0



#79

Terphenyl-d14

Concen: 70.705 ng

RT: 19.921 min Scan# 2879

Delta R.T. -0.024 min

Lab File: BP020611.D

Acq: 13 Jun 2024 14:16

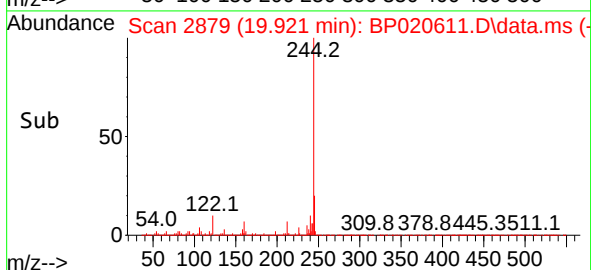
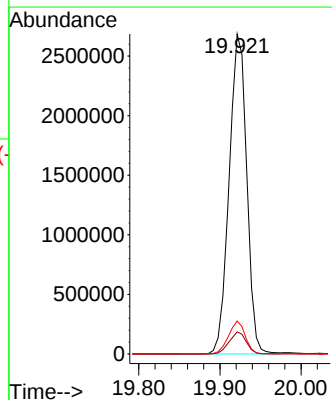
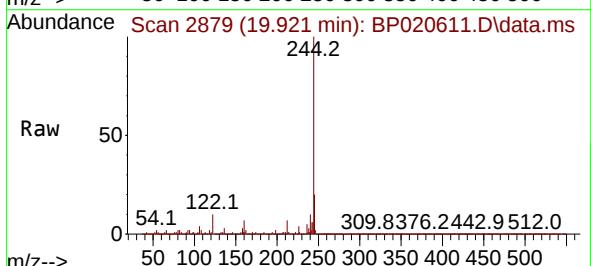
Tgt Ion:244 Resp: 4041644

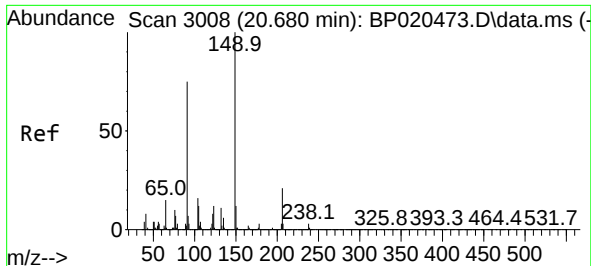
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.3 8.2 12.2

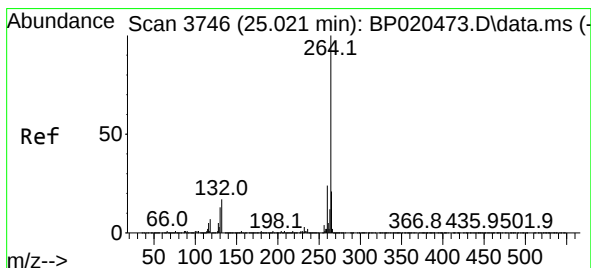
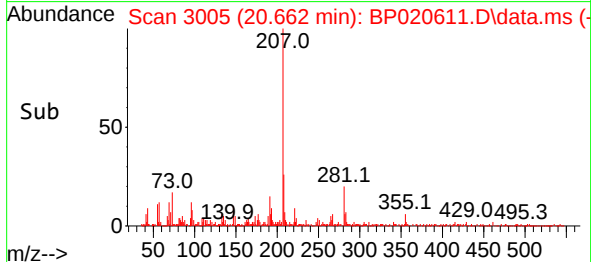
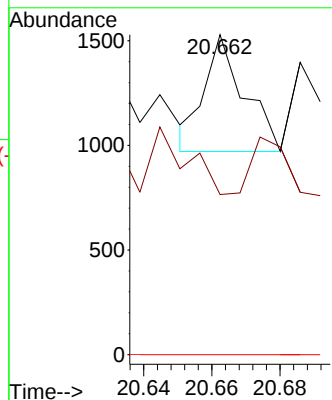
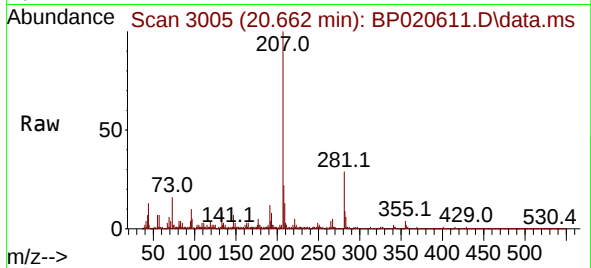




#80
Butylbenzylphthalate
Concen: 2.446 ng
RT: 20.662 min Scan# 3008
Delta R.T. -0.018 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Instrument :
BNA_P
ClientSampleId :
PB161479BL

Tgt Ion:149 Resp: 449
Ion Ratio Lower Upper
149 100
91 50.0 60.0 90.0#
206 0.0 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3744
Delta R.T. -0.012 min
Lab File: BP020611.D
Acq: 13 Jun 2024 14:16

Tgt Ion:264 Resp: 1306086
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.0 17.4 26.0

