

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
 Data File : BP020604.D
 Acq On : 12 Jun 2024 17:29
 Operator : MA/JU
 Sample : P2812-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061024

Quant Time: Jun 12 18:25:44 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

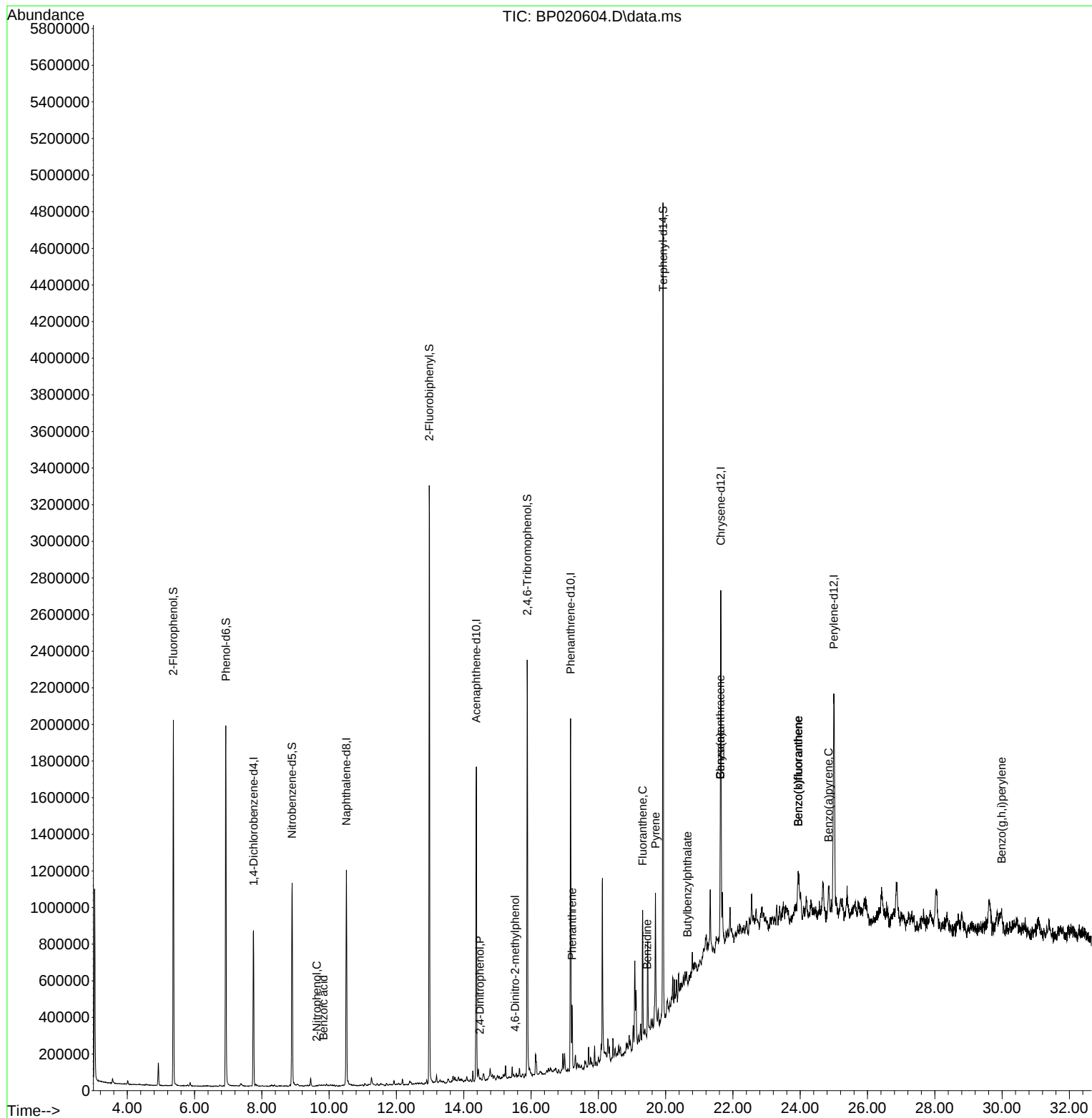
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	251958	20.000	ng	-0.02
21) Naphthalene-d8	10.510	136	965953	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	606492	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1233571	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	1110346	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1282537	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	879819	62.521	ng	0.00
7) Phenol-d6	6.928	99	1131651	57.023	ng	0.00
23) Nitrobenzene-d5	8.899	82	702169	39.792	ng	-0.02
42) 2,4,6-Tribromophenol	15.887	330	469362	74.570	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	1662334	40.859	ng	-0.03
79) Terphenyl-d14	19.922	244	2478269	37.156	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.628	139	205	3.818	ng	# 1
32) Benzoic acid	9.834	122	305	6.875	ng	# 28
54) 2,4-Dinitrophenol	14.475	184	139	5.018	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.528	198	58	7.662	ng	# 1
71) Phenanthrene	17.216	178	220988	3.644	ng	100
75) Fluoranthene	19.316	202	393193	5.481	ng	99
77) Benzidine	19.451	184	1164	5.996	ng	# 1
78) Pyrene	19.698	202	394723	4.726	ng	98
80) Butylbenzylphthalate	20.651	149	575	2.447	ng	# 72
81) Benzo(a)anthracene	21.622	228	201444	2.755	ng	94
83) Chrysene	21.622	228	201444	2.924	ng	97
88) Benzo(b)fluoranthene	23.939	252	269777	3.376	ng	# 86
89) Benzo(k)fluoranthene	23.939	252	269777	3.462	ng	# 86
90) Benzo(a)pyrene	24.839	252	196152	2.964	ng	# 91
92) Benzo(g,h,i)perylene	29.986	276	144645	2.225	ng	# 92

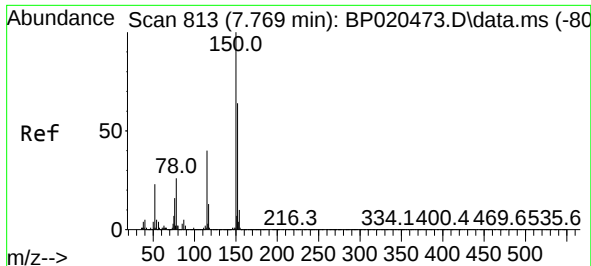
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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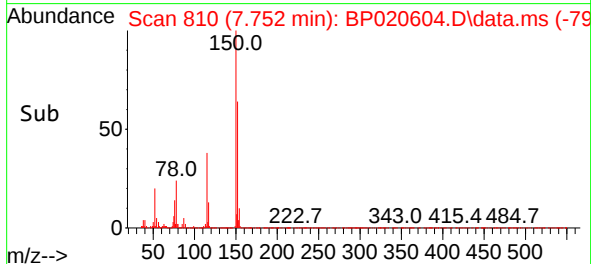
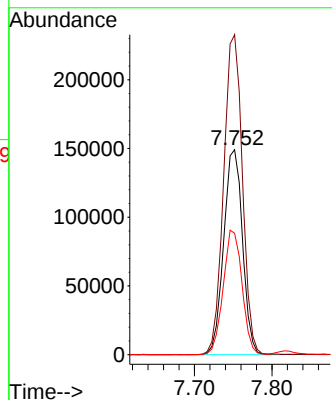
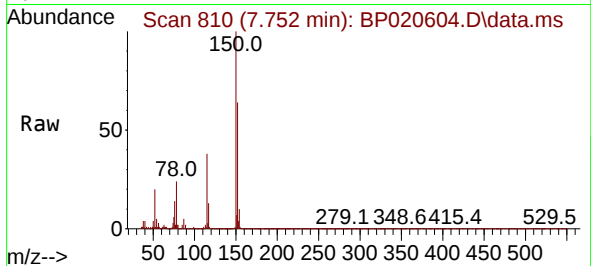




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

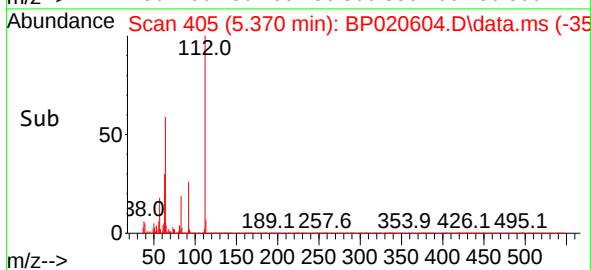
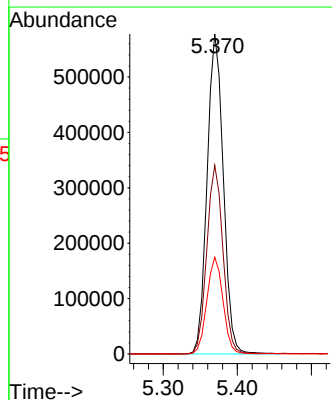
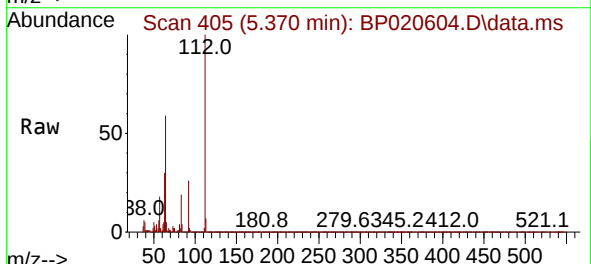
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

Tgt Ion:152 Resp: 251958
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 62.521 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:112 Resp: 879819
Ion Ratio Lower Upper
112 100
64 59.0 50.1 75.1
63 30.2 25.7 38.5

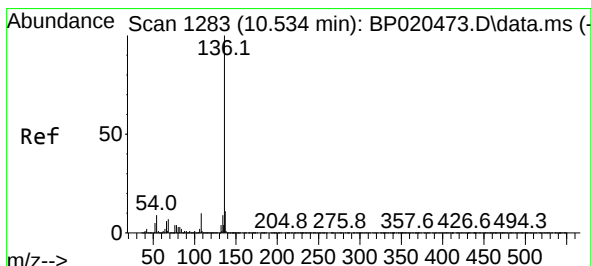
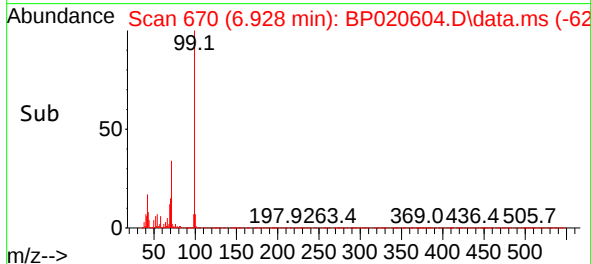
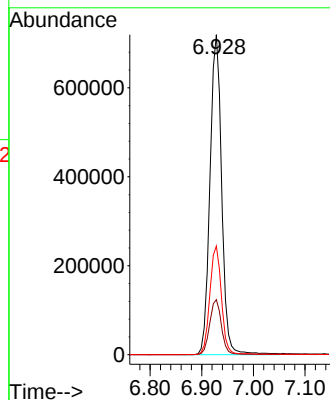
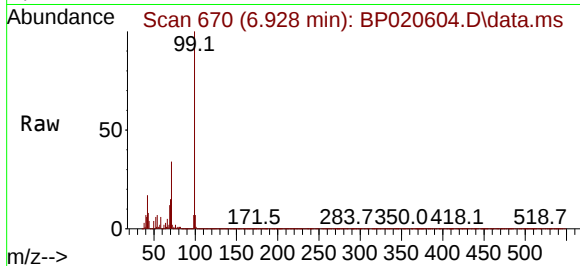




#7
Phenol-d6
Concen: 57.023 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

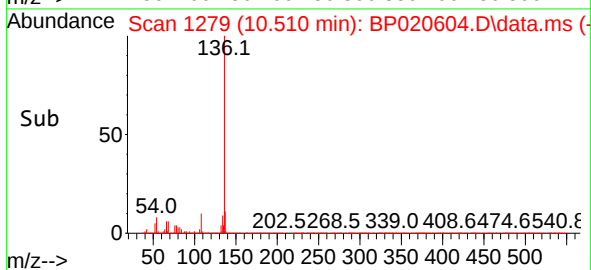
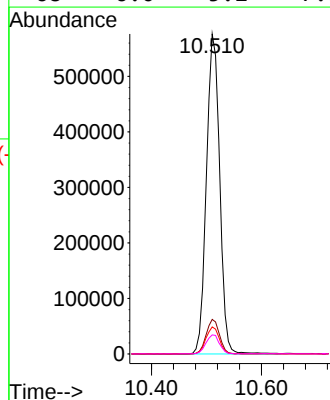
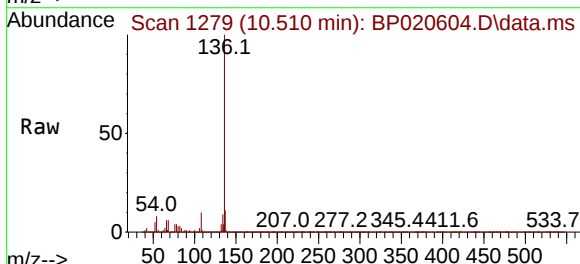
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ClientSampleId :
TR-05-061024

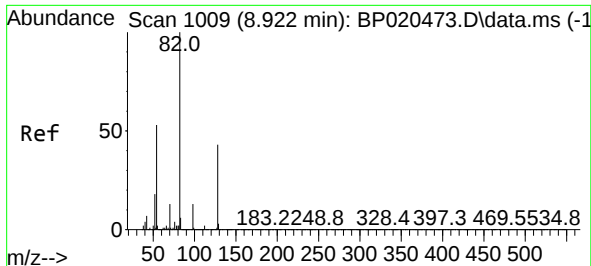
Tgt Ion: 99 Resp: 1131651
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion: 136 Resp: 965953
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 7.4 11.0
68 6.0 5.2 7.8

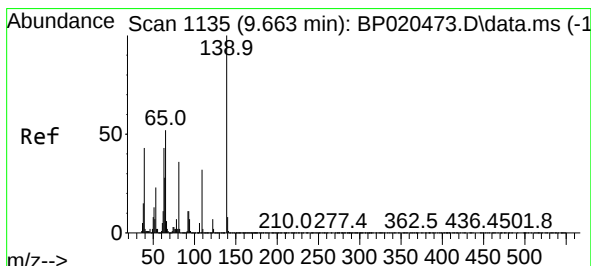
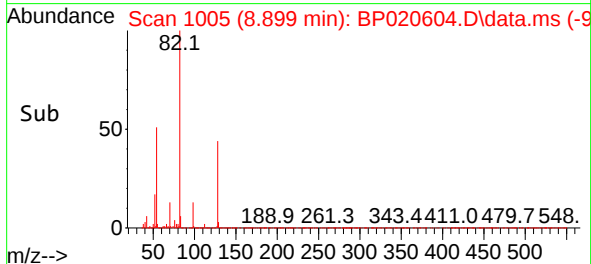
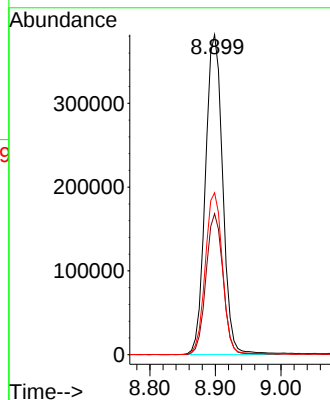
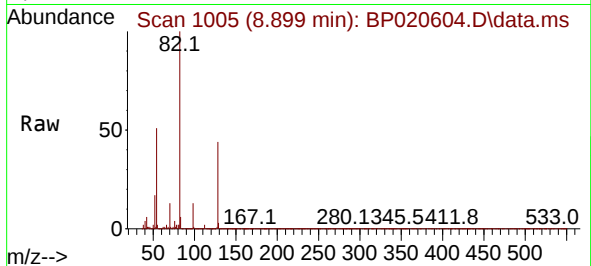




#23
Nitrobenzene-d5
Concen: 39.792 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

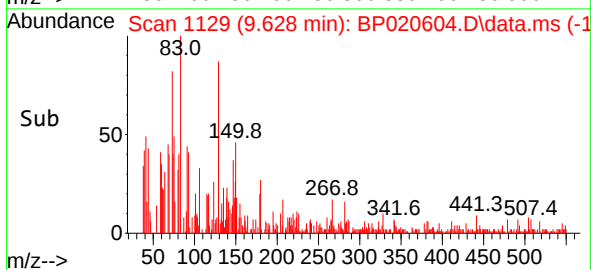
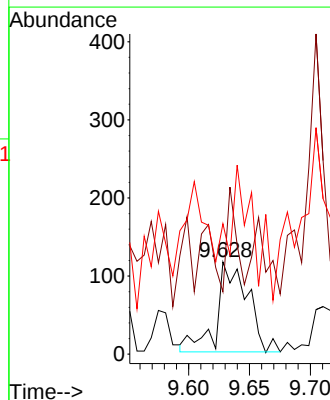
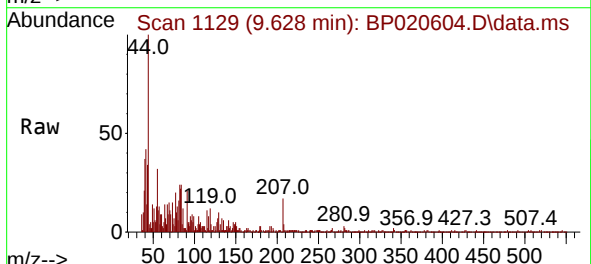
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

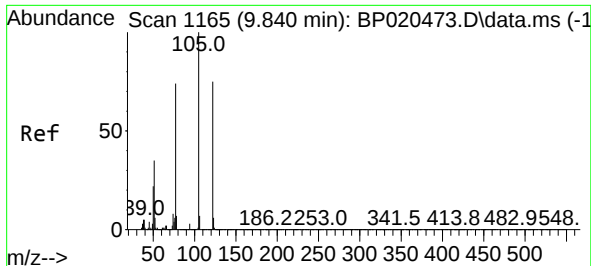
Tgt Ion: 82 Resp: 702169
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 50.6 42.7 64.1



#26
2-Nitrophenol
Concen: 3.818 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.035 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:139 Resp: 205
Ion Ratio Lower Upper
139 100
109 67.8 25.8 38.8#
65 141.5 41.8 62.8#

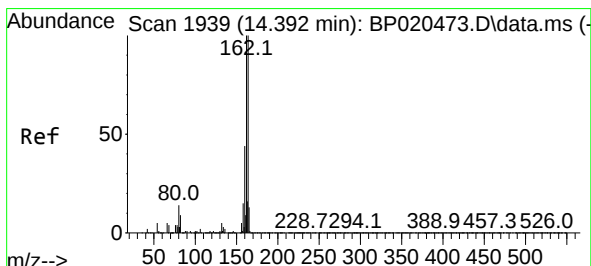
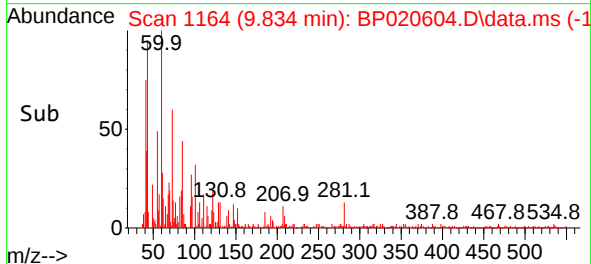
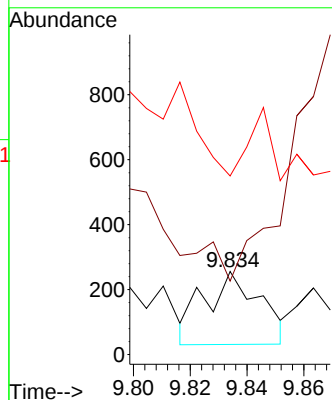
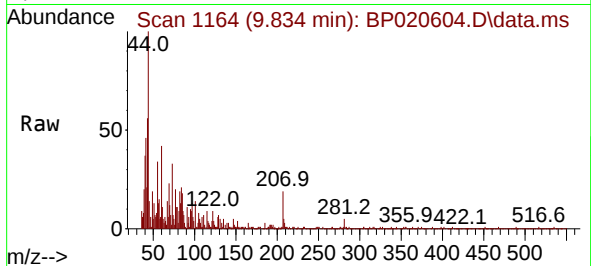




#32
Benzoic acid
Concen: 6.875 ng
RT: 9.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

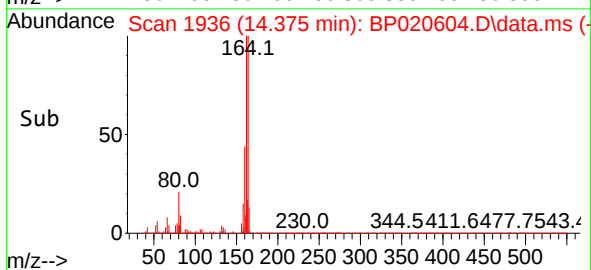
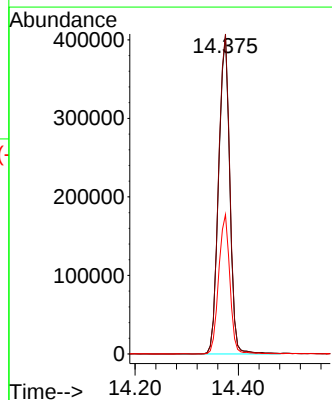
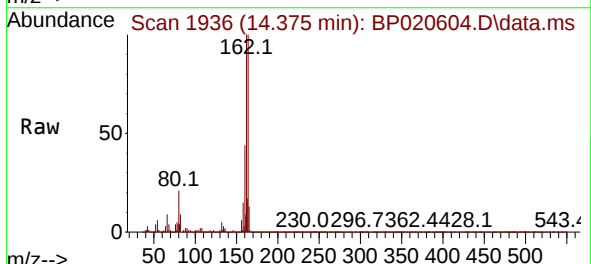
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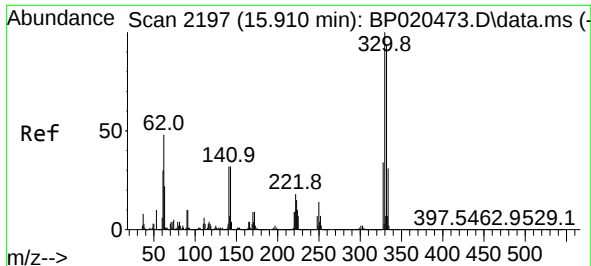
Tgt Ion:122 Resp: 305
Ion Ratio Lower Upper
122 100
105 88.3 107.5 147.5#
77 214.8 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:164 Resp: 606492
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 43.7 35.4 53.2

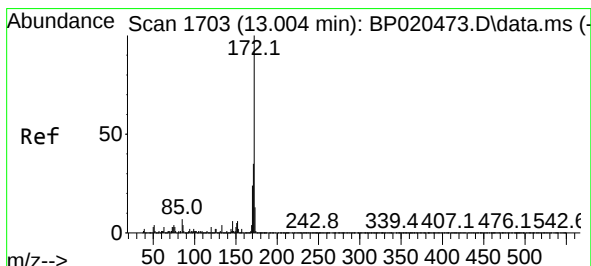
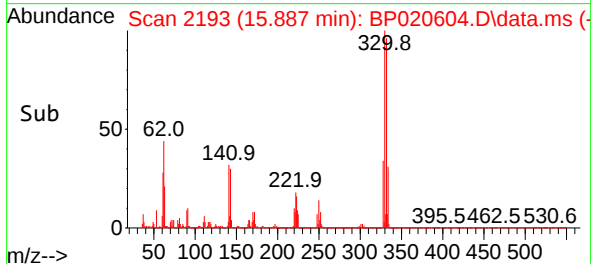
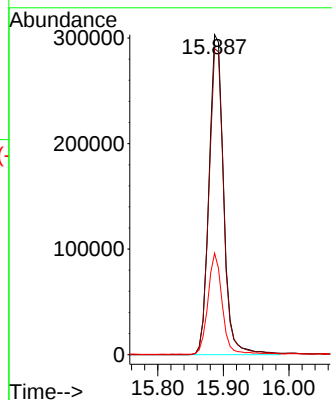
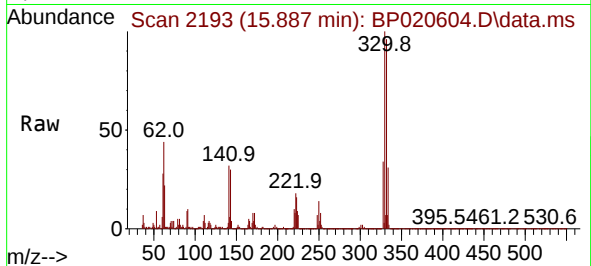




#42
2,4,6-Tribromophenol
Concen: 74.570 ng
RT: 15.887 min Scan# 2197
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

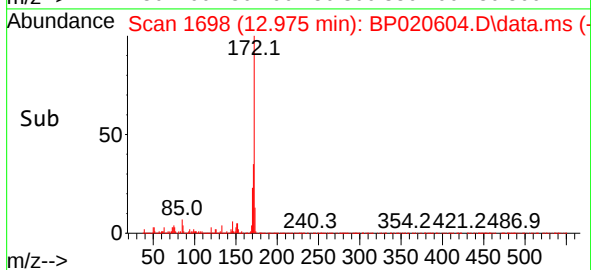
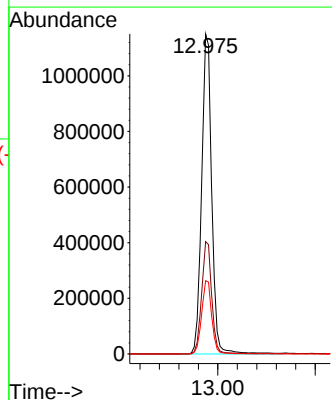
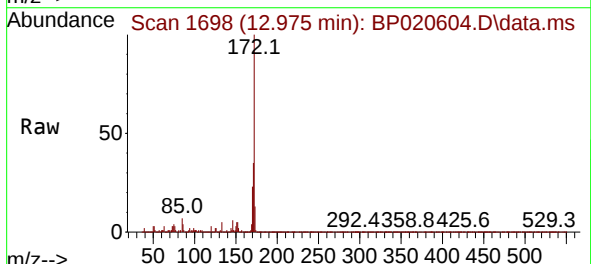
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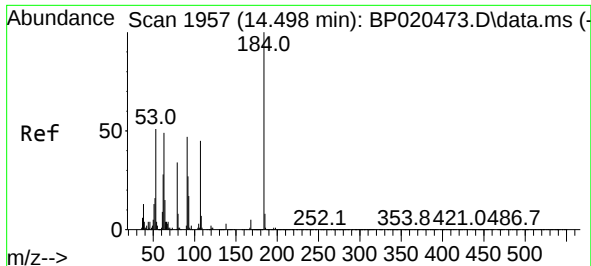
Tgt Ion:330 Resp: 469362
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 30.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 40.859 ng
RT: 12.975 min Scan# 1698
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:172 Resp: 1662334
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 22.9 18.9 28.3

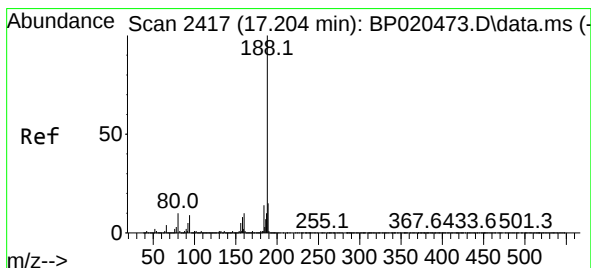
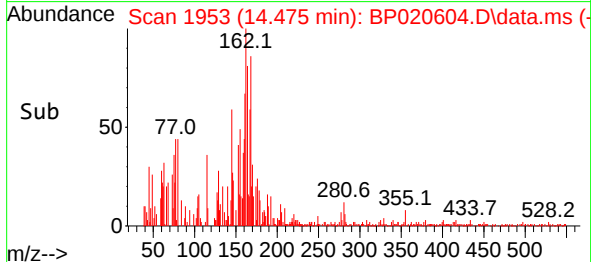
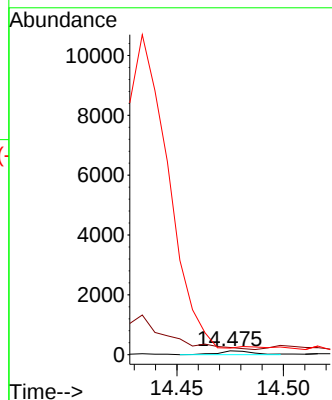
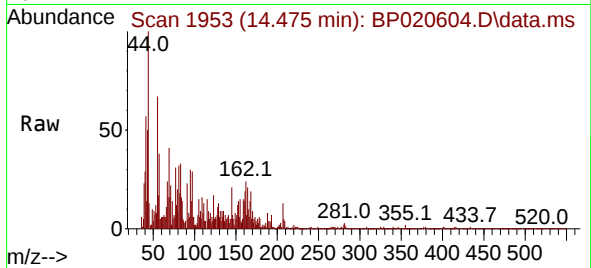




#54
2,4-Dinitrophenol
Concen: 5.018 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

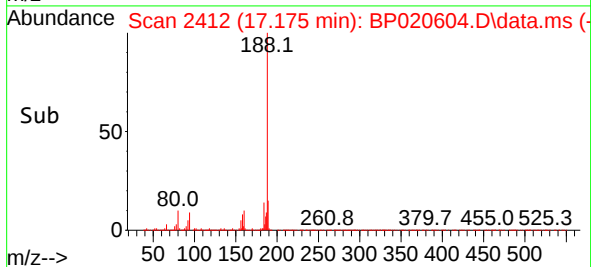
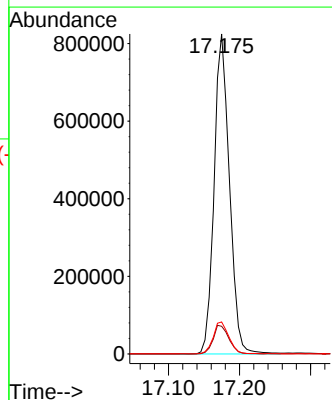
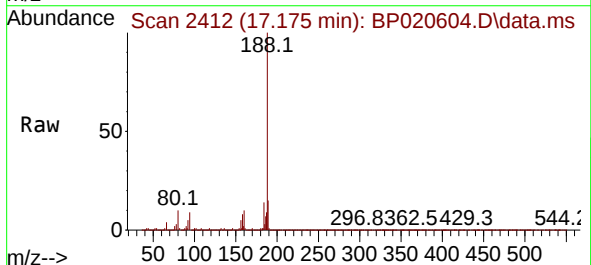
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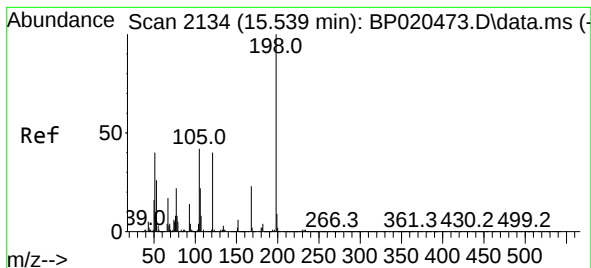
Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
63 189.0 54.2 81.4#
154 170.9 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:188 Resp: 1233571
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.0 8.1 12.1

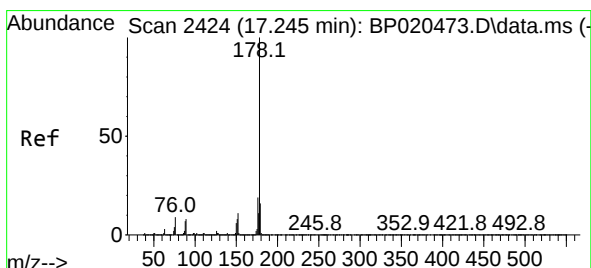
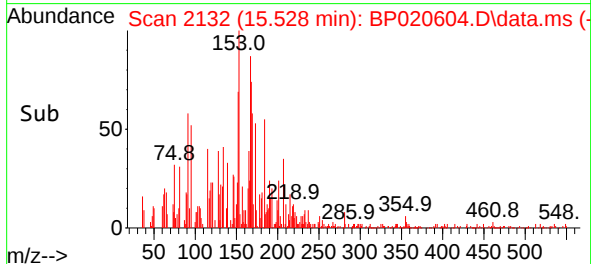
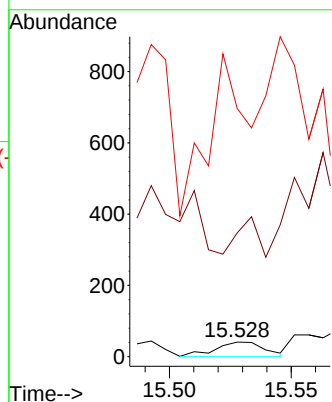
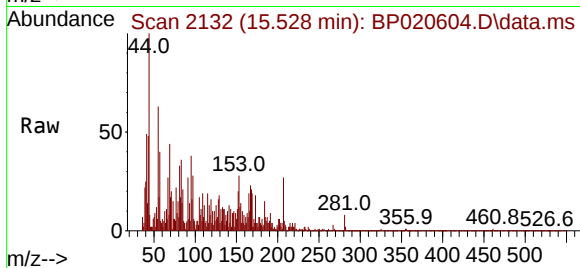




#65
4,6-Dinitro-2-methylphenol
Concen: 7.662 ng
RT: 15.528 min Scan# 2134
Delta R.T. -0.011 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

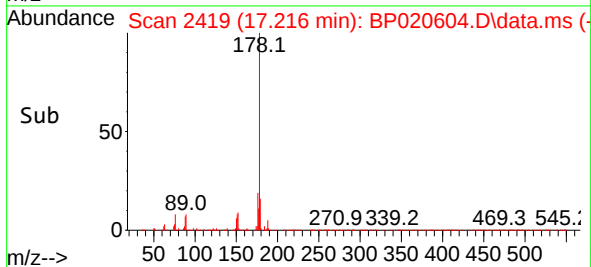
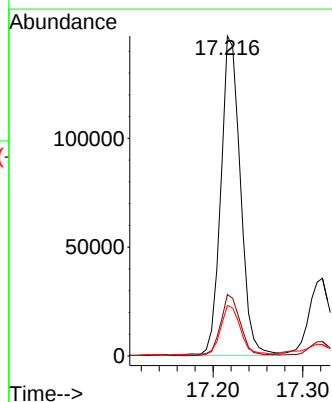
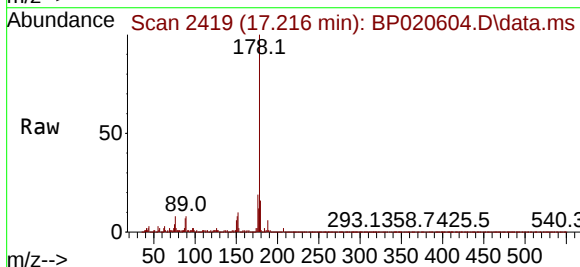
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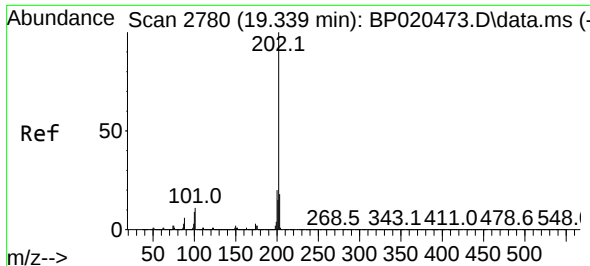
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 846.3 24.8 64.8#
105 1700.0 23.2 63.2#



#71
Phenanthrene
Concen: 3.644 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:178 Resp: 220988
Ion Ratio Lower Upper
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176 19.2 15.4 23.2
179 15.8 12.5 18.7

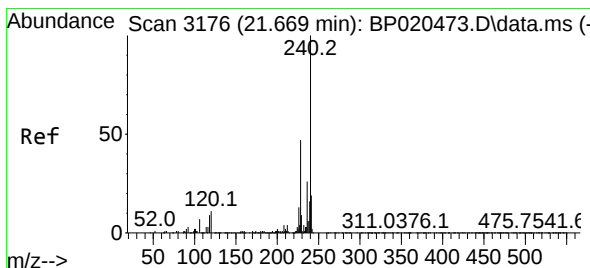
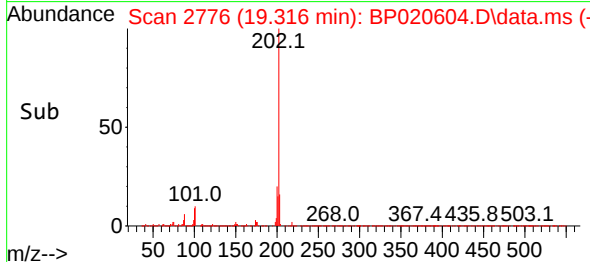
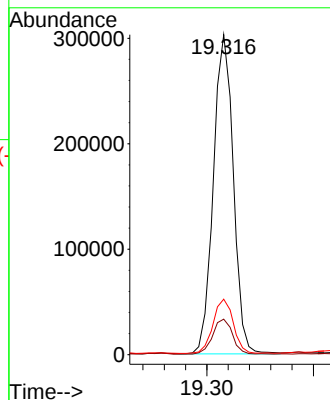
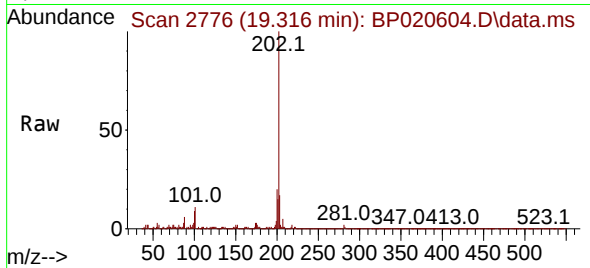




#75
Fluoranthene
Concen: 5.481 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

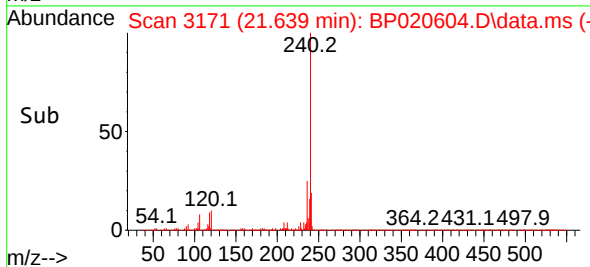
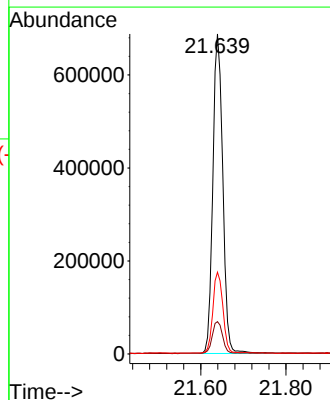
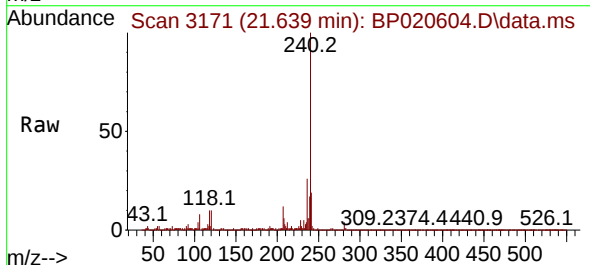
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

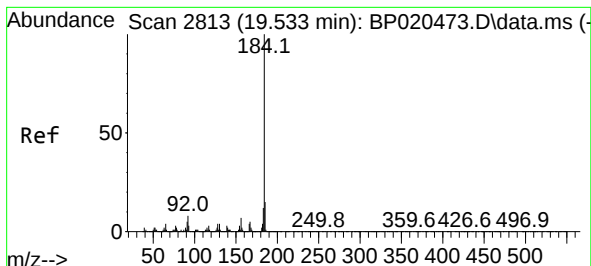
Tgt Ion:202 Resp: 393193
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:240 Resp: 1110346
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.6 20.5 30.7





#77

Benzidine

Concen: 5.996 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.082 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

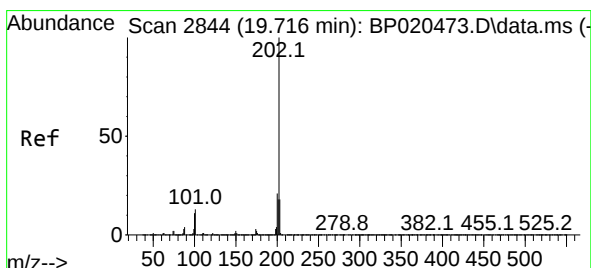
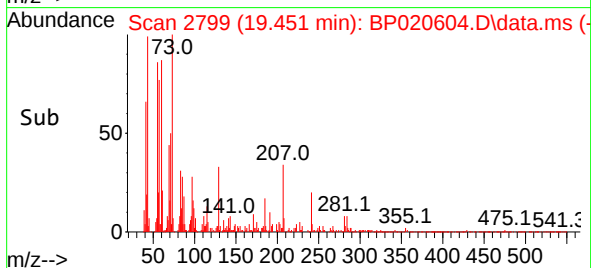
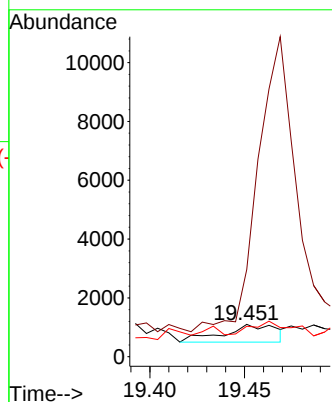
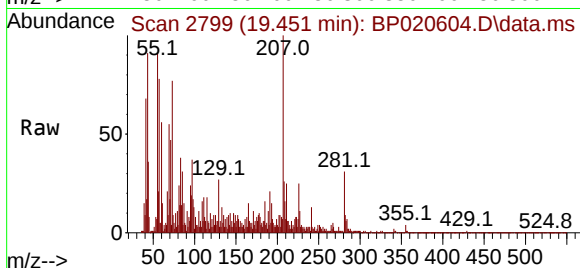
Tgt Ion:184 Resp: 1164

Ion Ratio Lower Upper

184 100

185 270.1 12.0 18.0#

183 94.1 9.4 14.0#



#78

Pyrene

Concen: 4.726 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

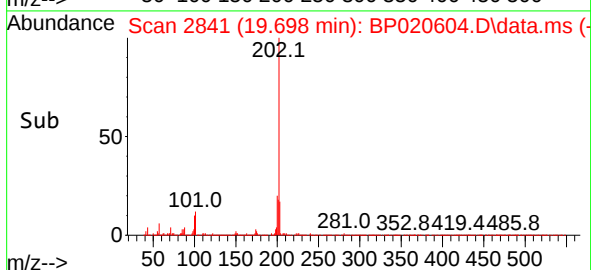
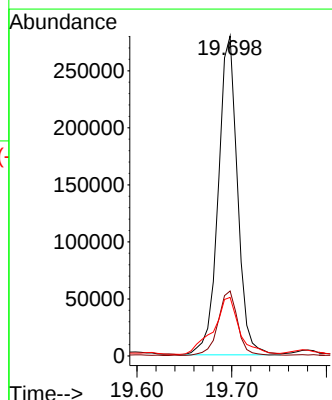
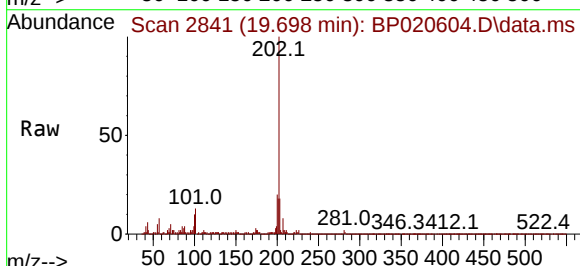
Tgt Ion:202 Resp: 394723

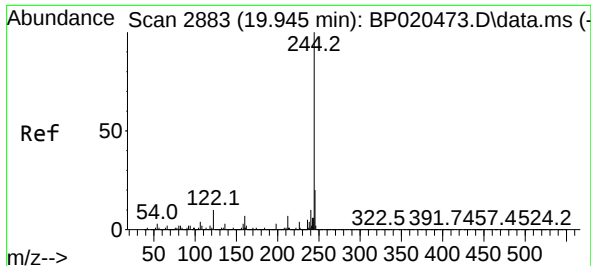
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

203 18.3 14.1 21.1

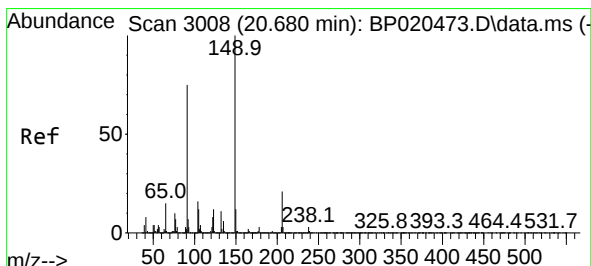
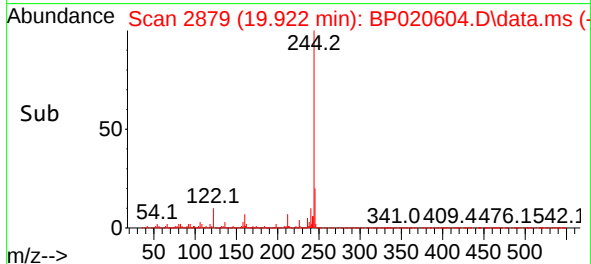
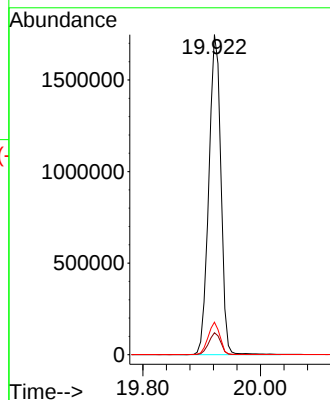
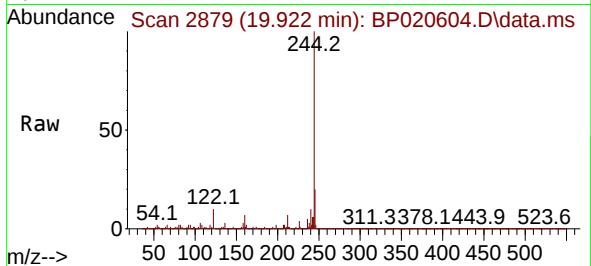




#79
Terphenyl-d14
Concen: 37.156 ng
RT: 19.922 min Scan# 2879
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

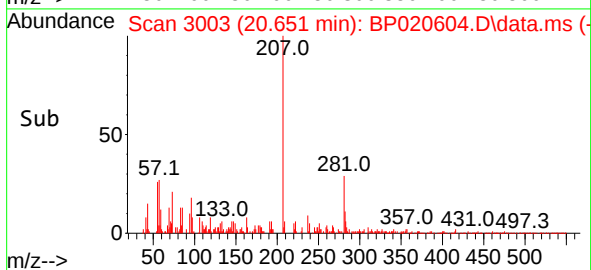
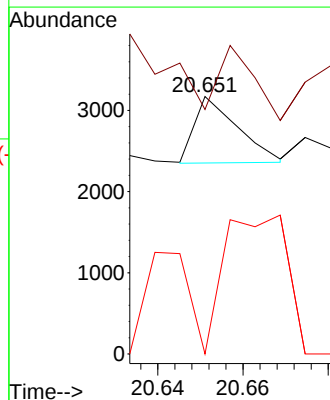
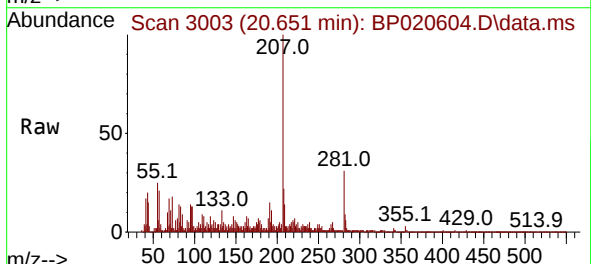
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

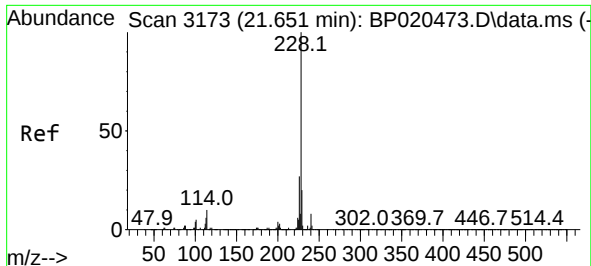
Tgt Ion:244 Resp: 2478269
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.1 8.2 12.2



#80
Butylbenzylphthalate
Concen: 2.447 ng
RT: 20.651 min Scan# 3003
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:149 Resp: 575
Ion Ratio Lower Upper
149 100
91 95.0 60.0 90.0#
206 0.0 16.6 25.0#

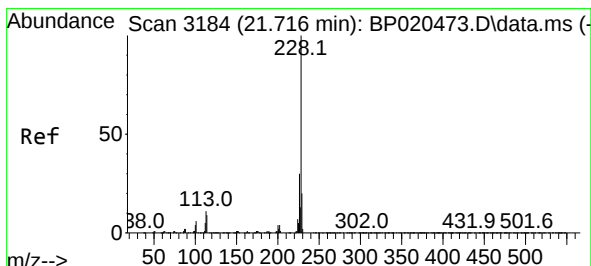
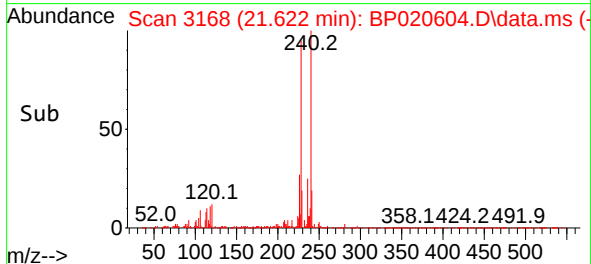
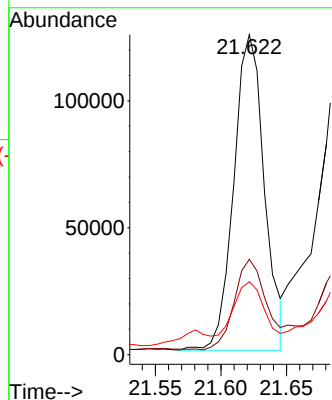
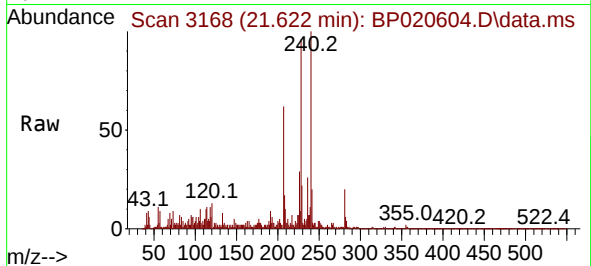




#81
Benzo(a)anthracene
Concen: 2.755 ng
RT: 21.622 min Scan# 3168
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

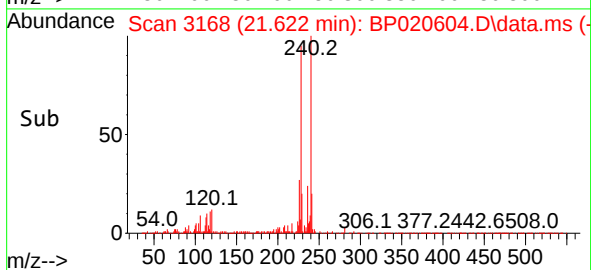
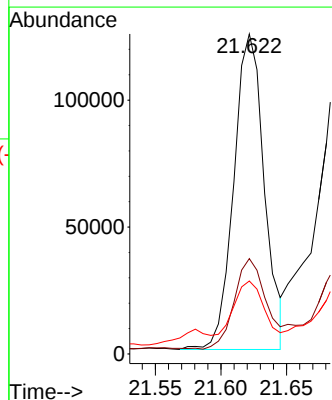
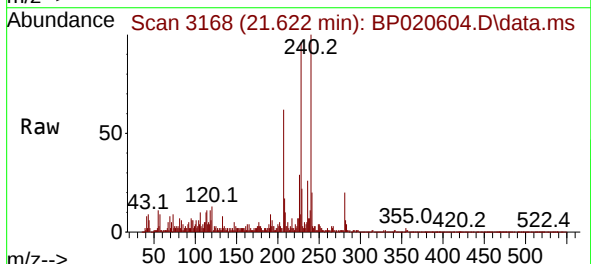
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

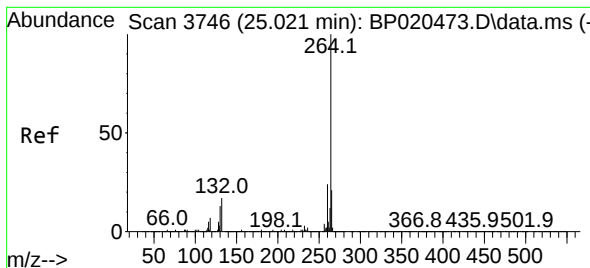
Tgt Ion:228 Resp: 201444
Ion Ratio Lower Upper
228 100
226 29.8 21.7 32.5
229 22.8 15.8 23.6



#83
Chrysene
Concen: 2.924 ng
RT: 21.622 min Scan# 3168
Delta R.T. -0.094 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:228 Resp: 201444
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 22.8 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

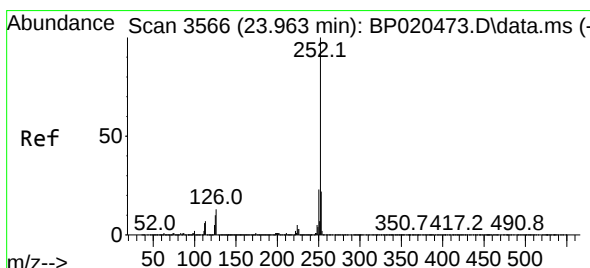
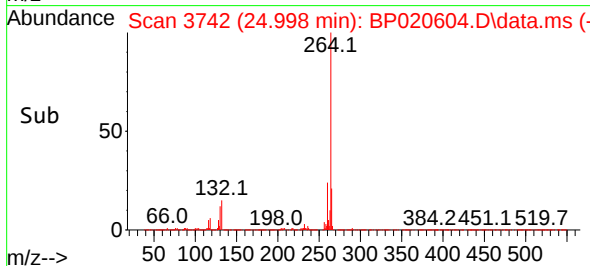
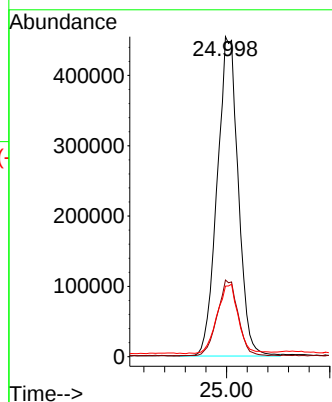
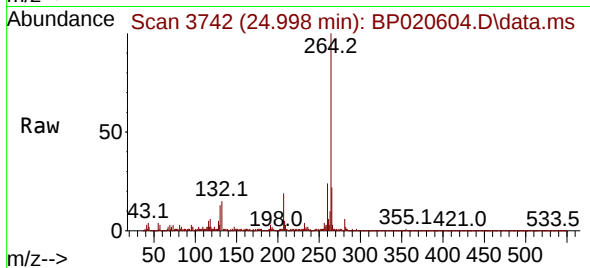
Tgt Ion:264 Resp: 1282537

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.0 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 3.376 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.023 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

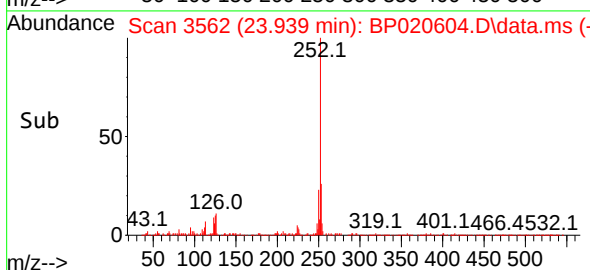
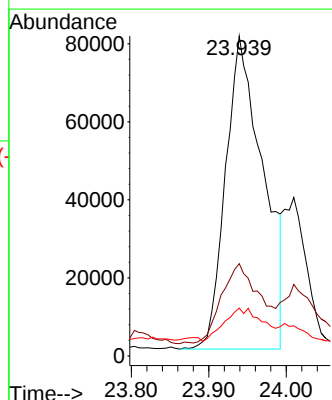
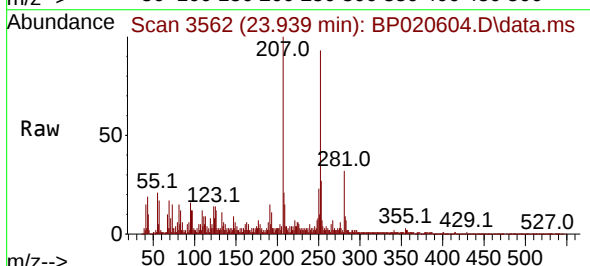
Tgt Ion:252 Resp: 269777

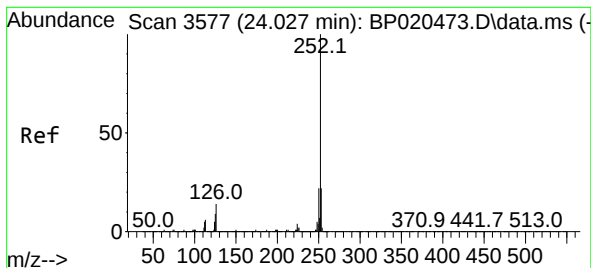
Ion Ratio Lower Upper

252 100

253 28.8 17.6 26.4#

125 15.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 3.462 ng

RT: 23.939 min Scan# 31

Delta R.T. -0.088 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

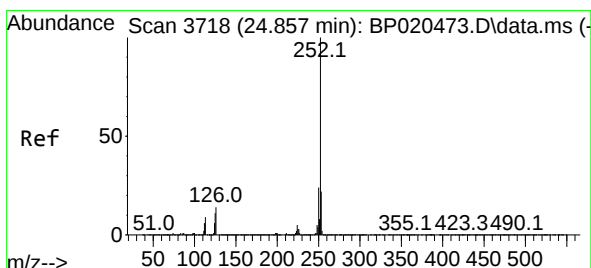
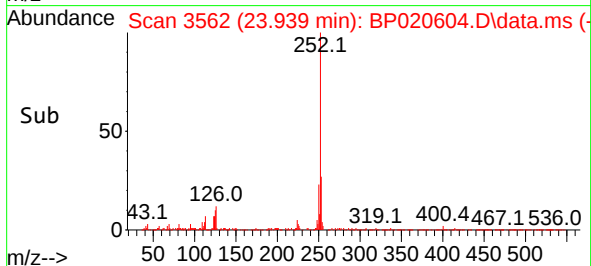
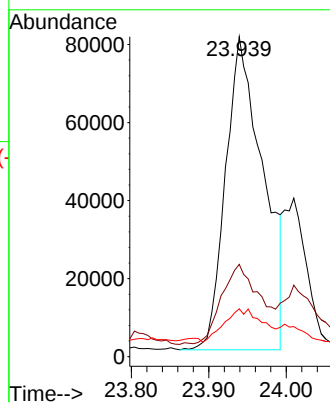
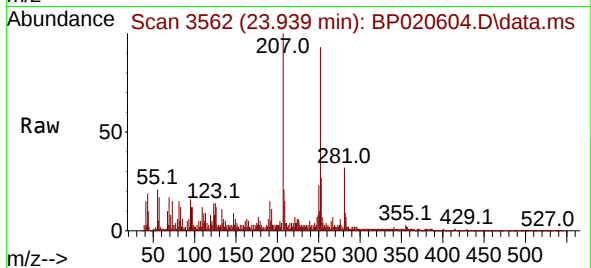
Tgt Ion:252 Resp: 269777

Ion Ratio Lower Upper

252 100

253 28.8 17.7 26.5#

125 15.0 7.8 11.6#



#90

Benzo(a)pyrene

Concen: 2.964 ng

RT: 24.839 min Scan# 3715

Delta R.T. -0.018 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

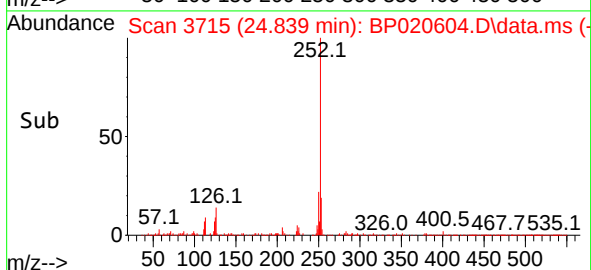
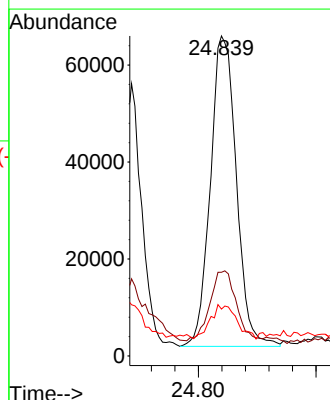
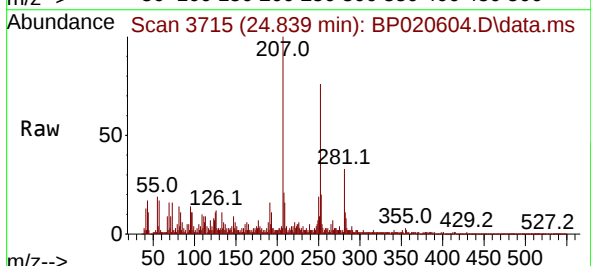
Tgt Ion:252 Resp: 196152

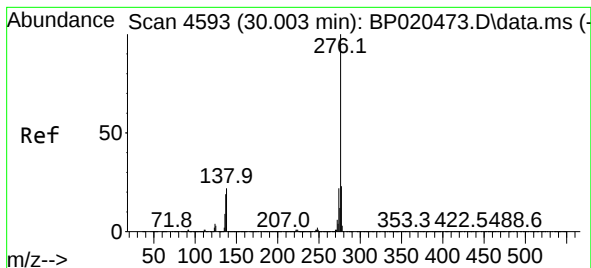
Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 14.7 8.9 13.3#





#92

Benzo(g,h,i)perylene

Concen: 2.225 ng

RT: 29.986 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP020604.D

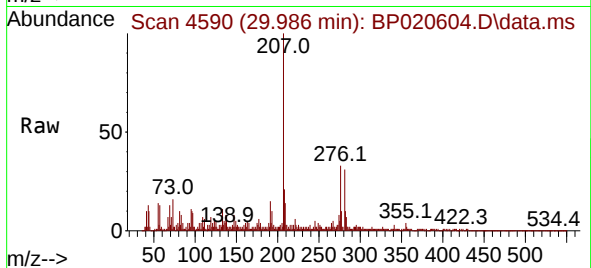
Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024



Tgt Ion:276 Resp: 144645

Ion Ratio Lower Upper

276 100

277 29.7 18.7 28.1#

138 23.6 17.7 26.5

