

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004721.D
 Acq On : 11 Feb 2021 17:58
 Operator : CG/JU
 Sample : M1360-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T756-364398

Quant Time: Feb 11 23:39:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

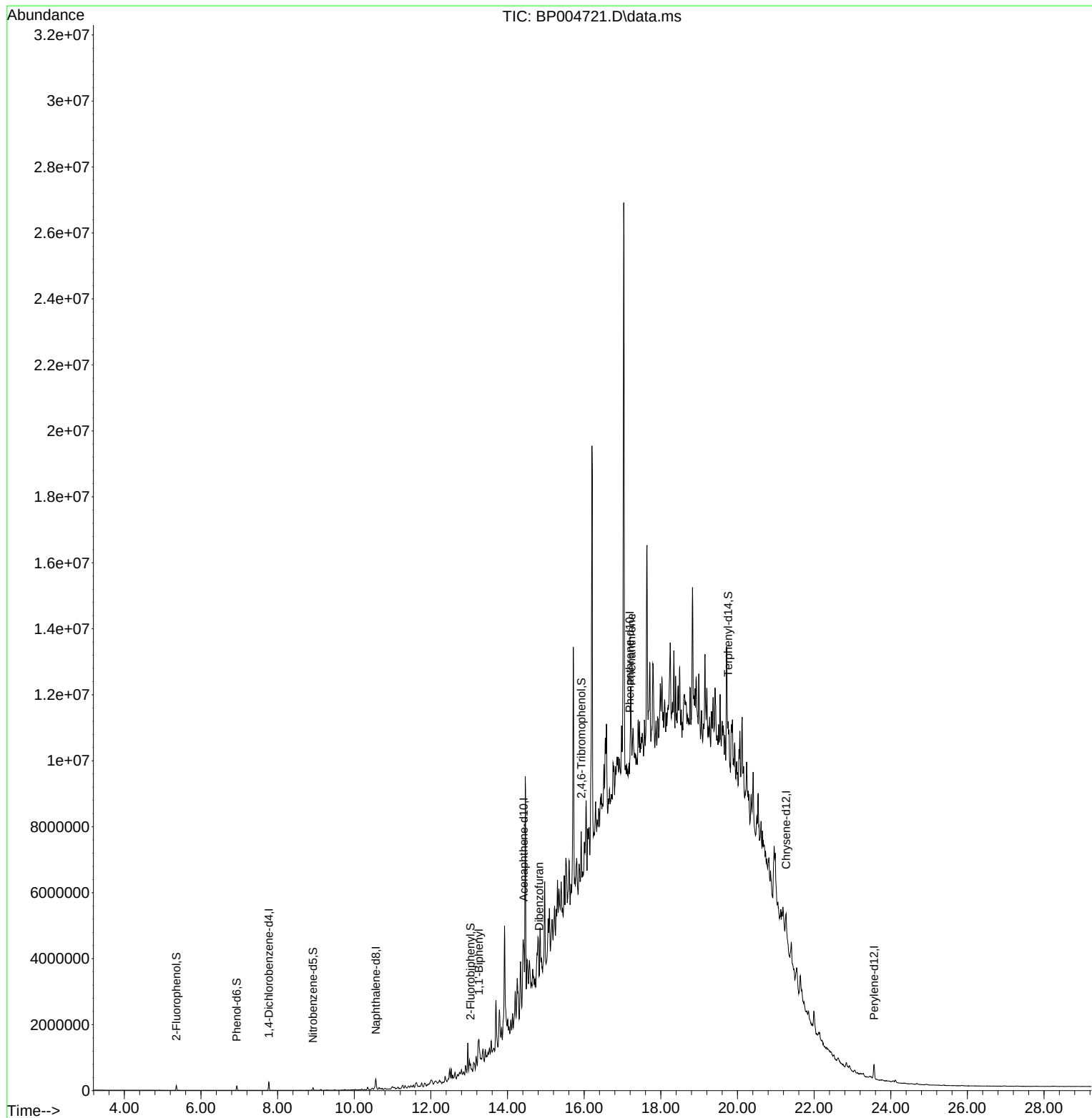
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	61914	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	231509	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	167516	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	329342	20.00	ng	# 0.02
76) Chrysene-d12	21.269	240	328070	20.00	ng	# 0.01
86) Perylene-d12	23.563	264	303566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	58359	14.55	ng	0.00
7) Phenol-d6	6.934	99	70597	12.80	ng	0.00
23) Nitrobenzene-d5	8.922	82	44923	8.45	ng	-0.01
42) 2,4,6-Tribromophenol	15.928	330	27413	12.32	ng	0.01
45) 2-Fluorobiphenyl	13.034	172	99344	7.25	ng	0.00
79) Terphenyl-d14	19.757	244	170620	8.74	ng	0.02
Target Compounds						
46) 1,1'-Biphenyl	13.251	154	122209	8.71	ng	Qvalue 96
55) Dibenzofuran	14.828	168	38183	2.26	ng	# 29
71) Phenanthrene	17.234	178	48854	2.42	ng	# 1

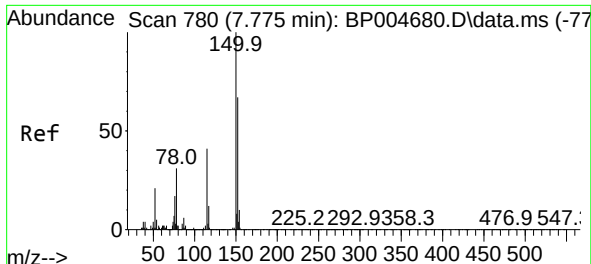
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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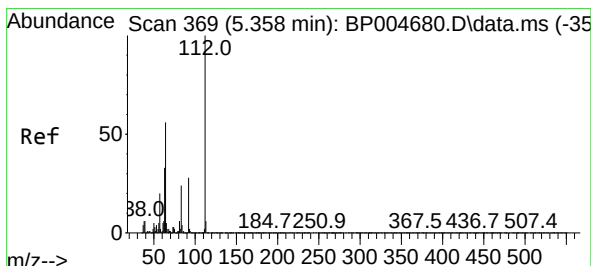
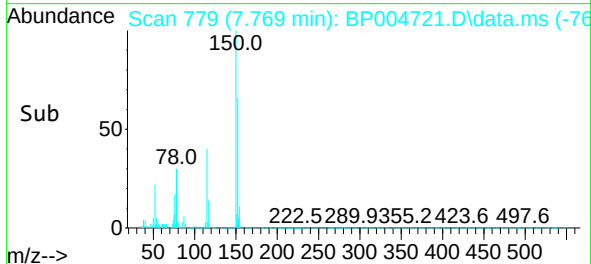
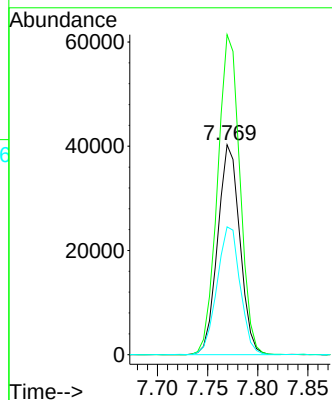
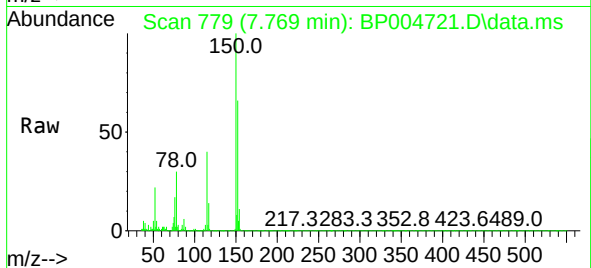




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

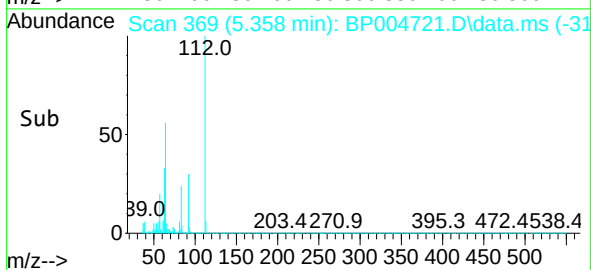
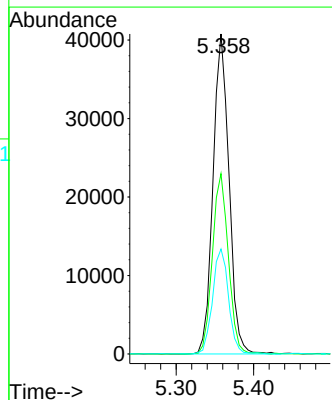
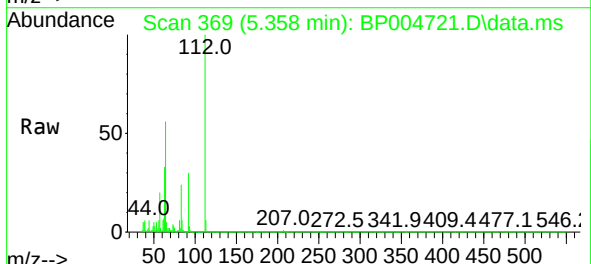
Instrument :
BNA_P
ClientSampleId :
T756-364398

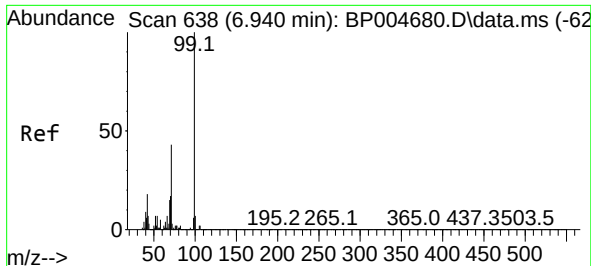
Tgt Ion:152 Resp: 61914
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 14.55 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

Tgt Ion:112 Resp: 58359
Ion Ratio Lower Upper
112 100
64 56.3 32.8 49.2#
63 32.8 17.0 25.4#

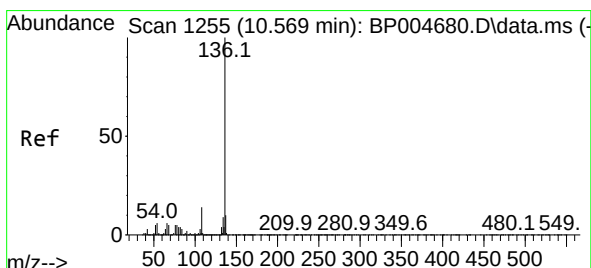
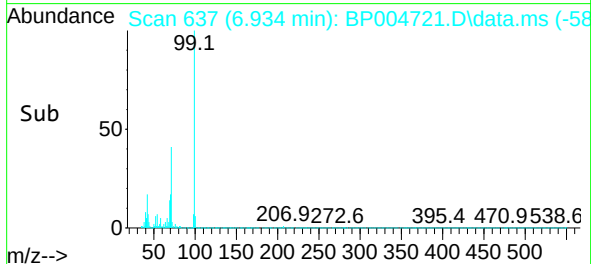
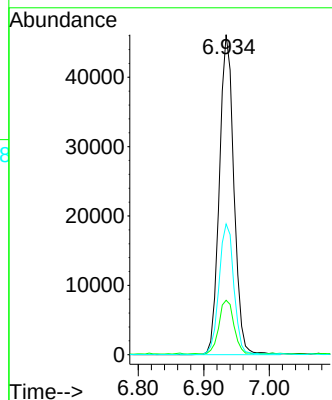
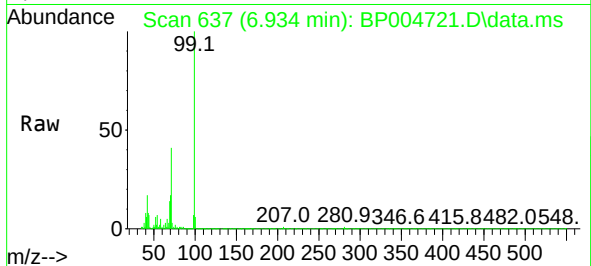




#7
Phenol-d6
Concen: 12.80 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

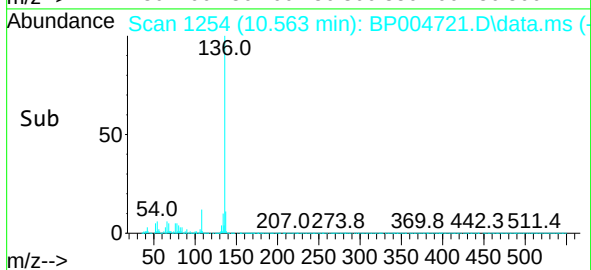
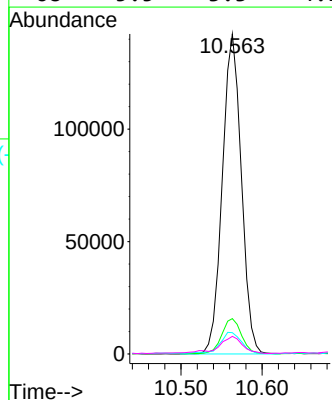
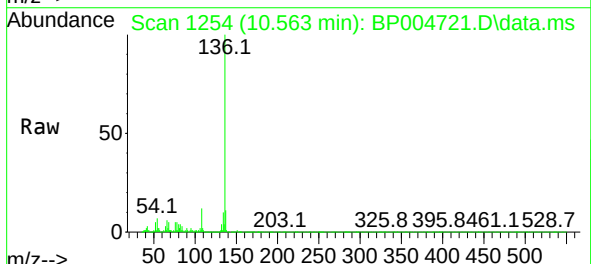
Instrument :
BNA_P
ClientSampleId :
T756-364398

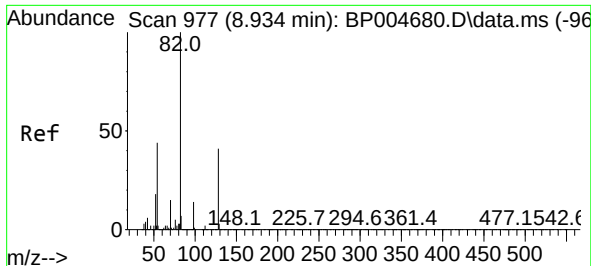
Tgt Ion: 99 Resp: 70597
Ion Ratio Lower Upper
99 100
42 17.0 8.6 13.0#
71 40.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

Tgt Ion: 136 Resp: 231509
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.7 3.6 5.4#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.45 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

Instrument :

BNA_P

ClientSampleId :

T756-364398

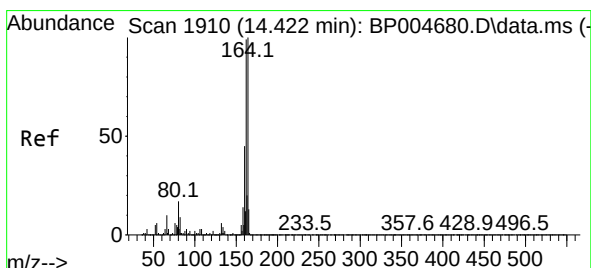
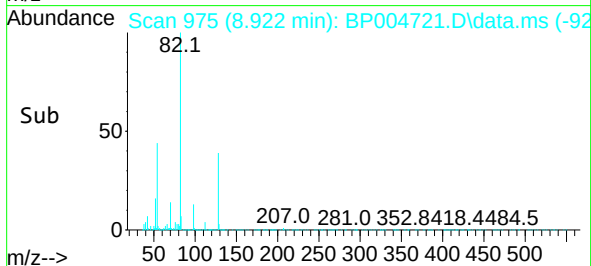
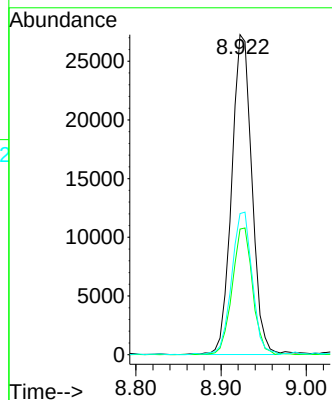
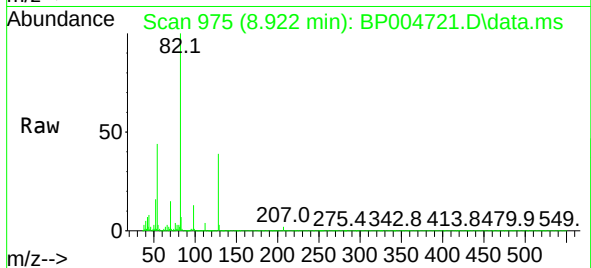
Tgt Ion: 82 Resp: 44923

Ion Ratio Lower Upper

82 100

128 39.3 45.6 68.4#

54 44.1 30.1 45.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.422 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

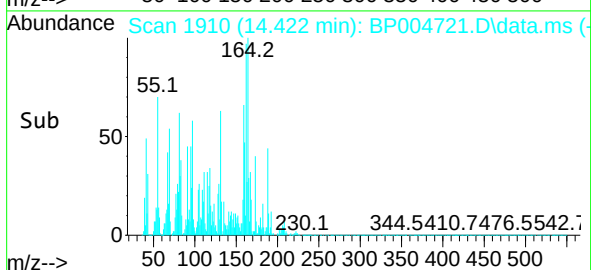
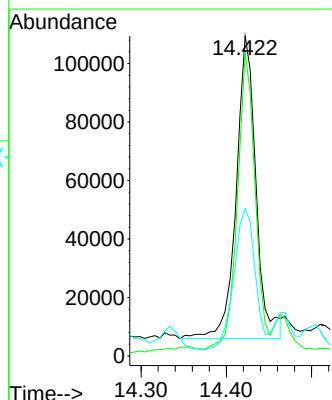
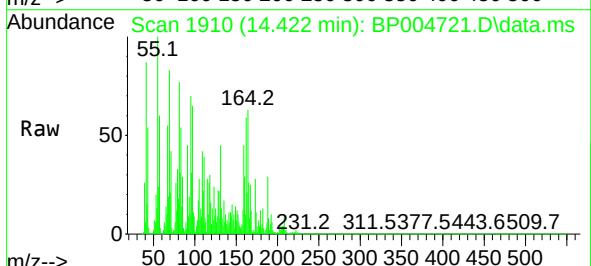
Tgt Ion: 164 Resp: 167516

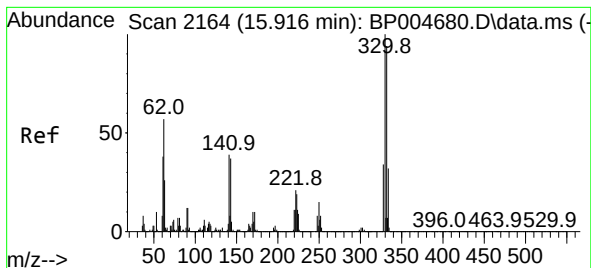
Ion Ratio Lower Upper

164 100

162 94.8 79.4 119.2

160 46.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 12.32 ng

RT: 15.928 min Scan# 2166

Delta R.T. 0.012 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

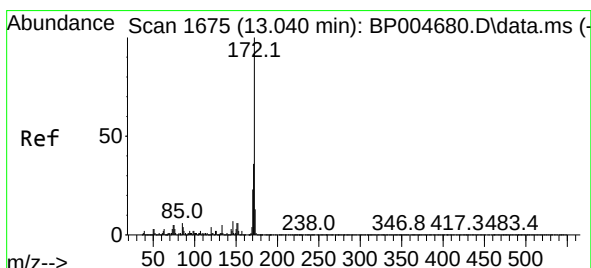
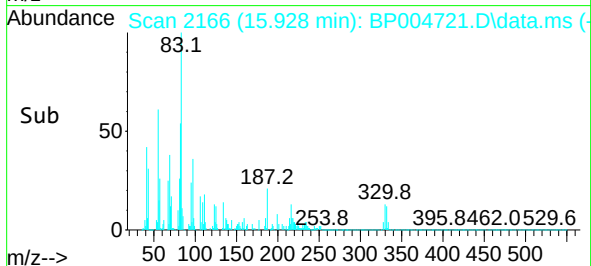
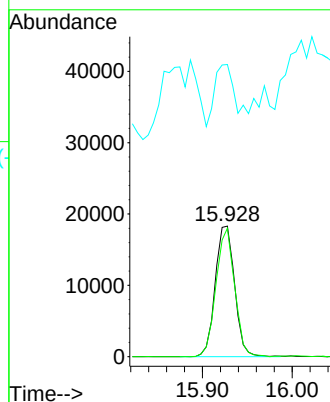
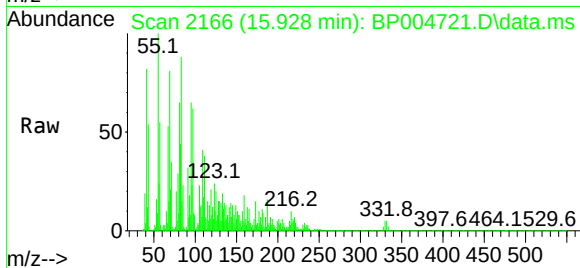
Tgt Ion: 330 Resp: 27413

Ion Ratio Lower Upper

330 100

332 94.7 77.1 115.7

141 51.3 23.4 35.2#



#45

2-Fluorobiphenyl

Concen: 7.25 ng

RT: 13.034 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

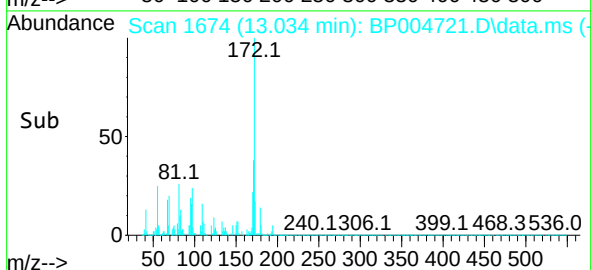
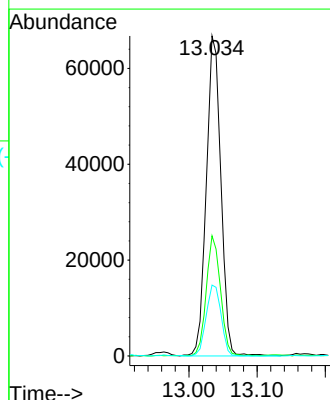
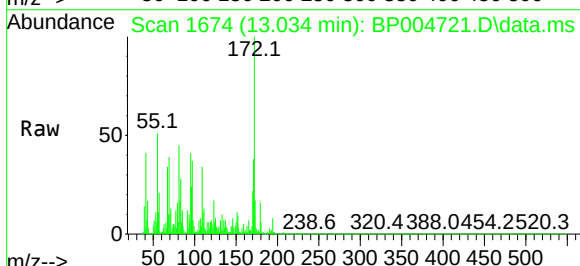
Tgt Ion: 172 Resp: 99344

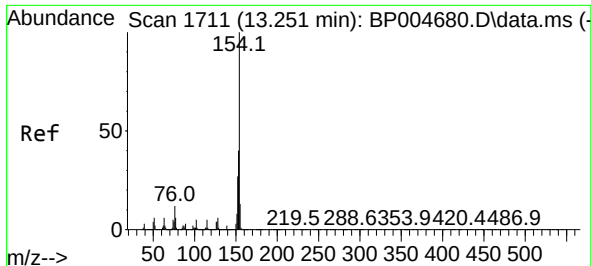
Ion Ratio Lower Upper

172 100

171 37.5 28.5 42.7

170 22.2 19.2 28.8

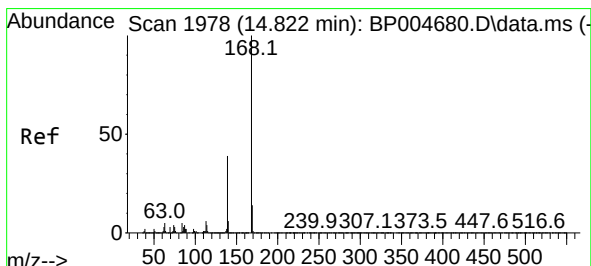
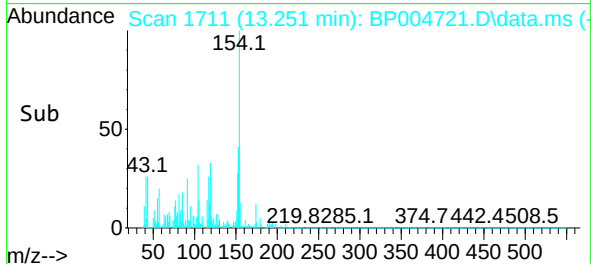
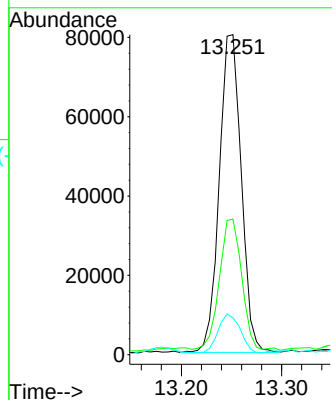
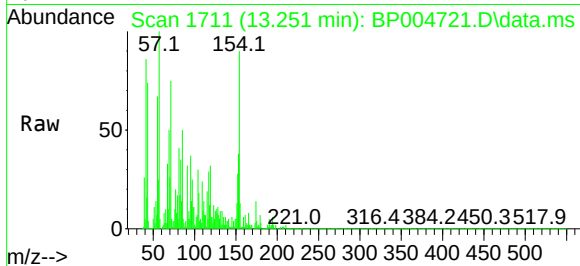




#46
1,1'-Biphenyl
Concen: 8.71 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

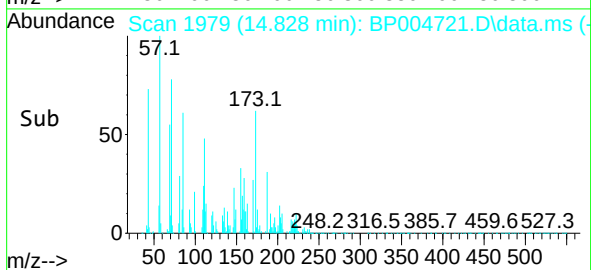
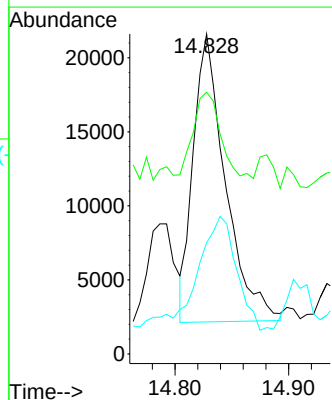
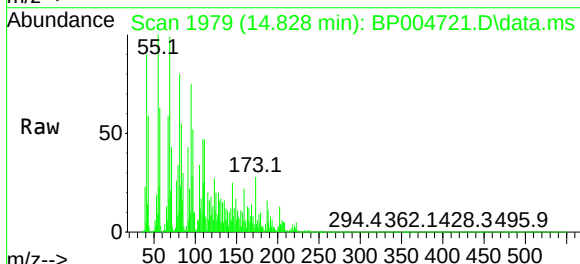
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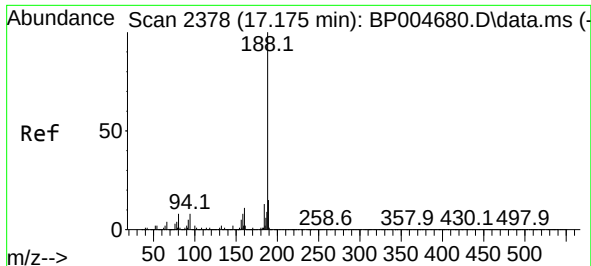
Tgt Ion:154 Resp: 122209
Ion Ratio Lower Upper
154 100
153 42.3 20.4 60.4
76 11.5 0.0 29.3



#55
Dibenzofuran
Concen: 2.26 ng
RT: 14.828 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

Tgt Ion:168 Resp: 38183
Ion Ratio Lower Upper
168 100
139 81.8 29.1 43.7#
169 34.8 10.4 15.6#

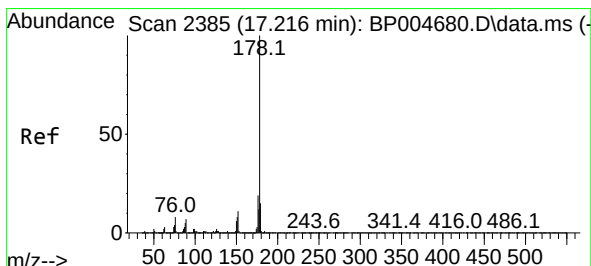
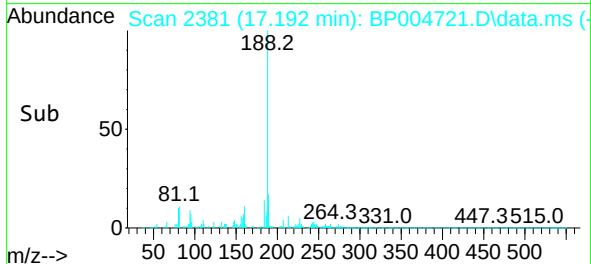
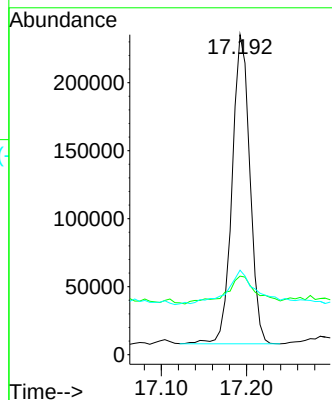
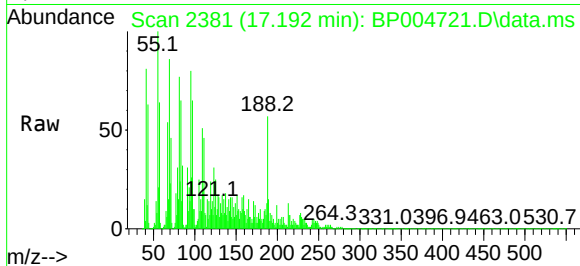




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.018 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

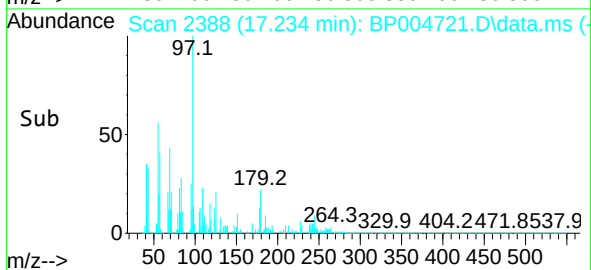
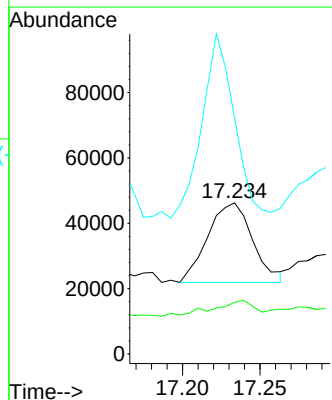
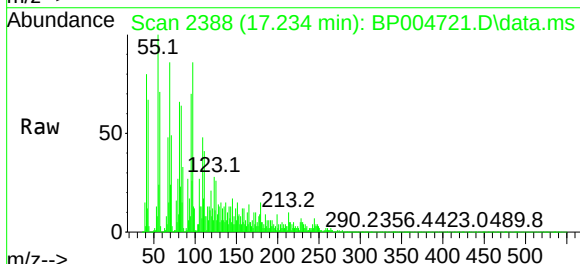
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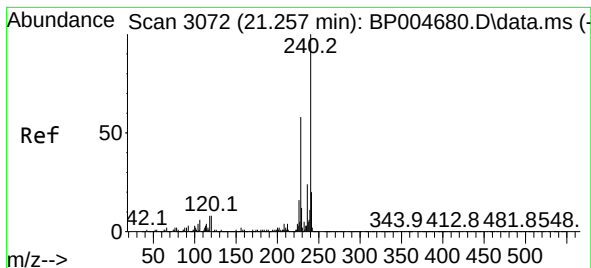
Tgt Ion:188 Resp: 329342
Ion Ratio Lower Upper
188 100
94 24.5 6.2 9.2#
80 26.4 6.2 9.2#



#71
Phenanthrene
Concen: 2.42 ng
RT: 17.234 min Scan# 2388
Delta R.T. 0.018 min
Lab File: BP004721.D
Acq: 11 Feb 2021 17:58

Tgt Ion:178 Resp: 48854
Ion Ratio Lower Upper
178 100
176 34.2 15.3 22.9#
179 156.1 12.5 18.7#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.269 min Scan# 3074

Delta R.T. 0.012 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

Instrument :

BNA_P

ClientSampleId :

T756-364398

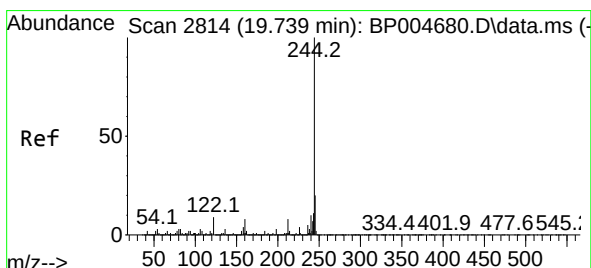
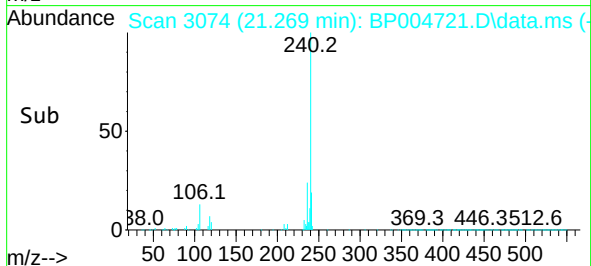
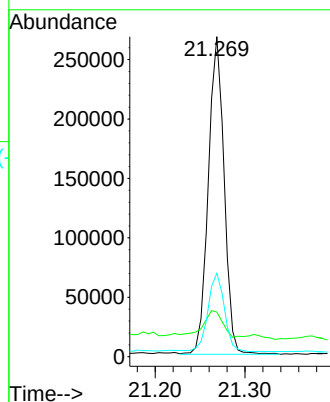
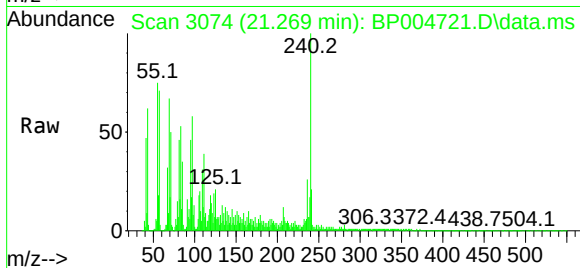
Tgt Ion:240 Resp: 328070

Ion Ratio Lower Upper

240 100

120 13.9 7.8 11.6#

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 8.74 ng

RT: 19.757 min Scan# 2817

Delta R.T. 0.018 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

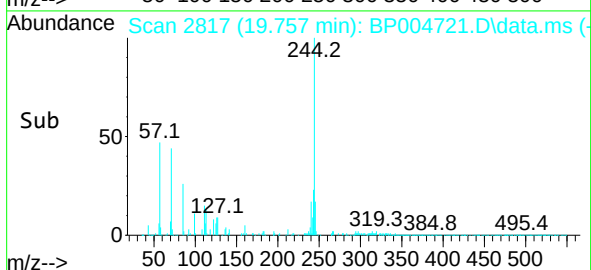
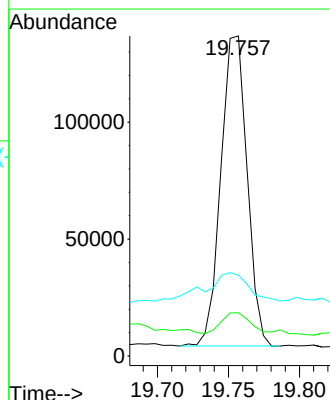
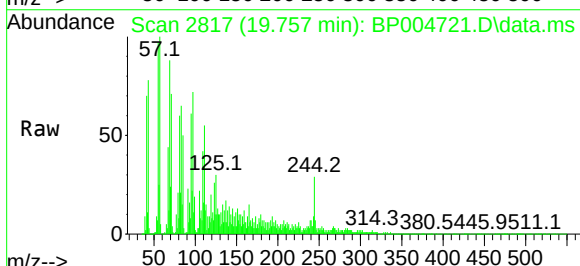
Tgt Ion:244 Resp: 170620

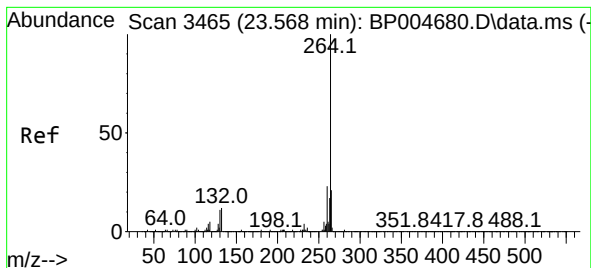
Ion Ratio Lower Upper

244 100

212 13.5 5.8 8.6#

122 25.2 7.8 11.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.563 min Scan# 3464

Delta R.T. -0.006 min

Lab File: BP004721.D

Acq: 11 Feb 2021 17:58

Instrument :

BNA_P

ClientSampleId :

T756-364398

Tgt Ion:264 Resp: 303566

Ion Ratio Lower Upper

264 100

260 22.2 18.8 28.2

265 21.7 17.4 26.2

