

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004717.D
 Acq On : 11 Feb 2021 15:43
 Operator : CG/JU
 Sample : M1357-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1109-346592

Quant Time: Feb 11 16:26:09 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)

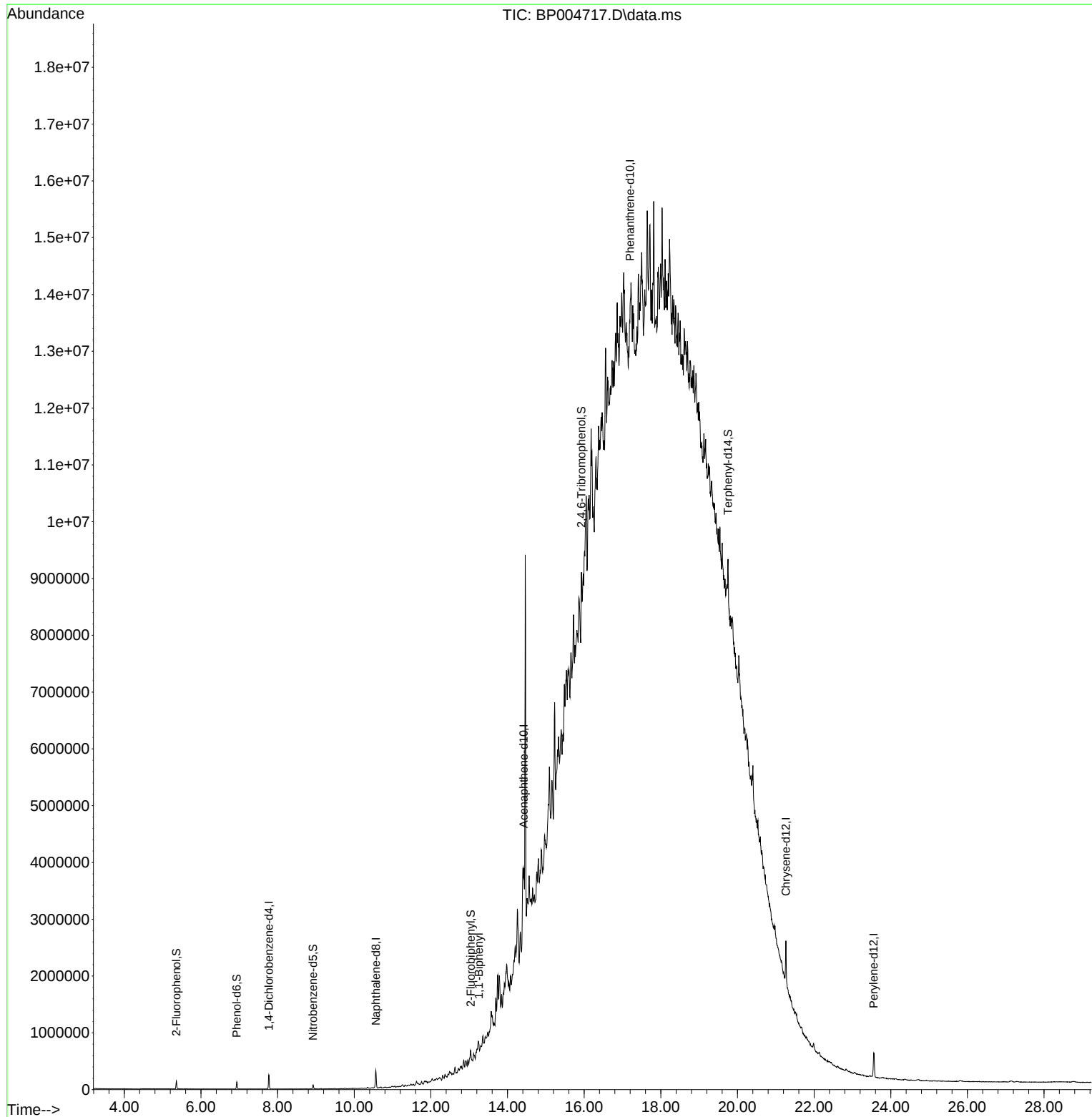
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	62804	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	239778	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	170909	20.00	ng	0.00
64) Phenanthrene-d10	17.198	188	362878	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	310379	20.00	ng	0.00
86) Perylene-d12	23.557	264	317516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	54848	13.48	ng	0.00
7) Phenol-d6	6.934	99	65530	11.71	ng	0.00
23) Nitrobenzene-d5	8.922	82	41337	7.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.928	330	26032	11.46	ng	0.01
45) 2-Fluorobiphenyl	13.040	172	95734	6.85	ng	0.00
79) Terphenyl-d14	19.751	244	160996	8.71	ng	0.01
Target Compounds						
46) 1,1'-Biphenyl	13.251	154	39203	2.74	ng	Qvalue 92

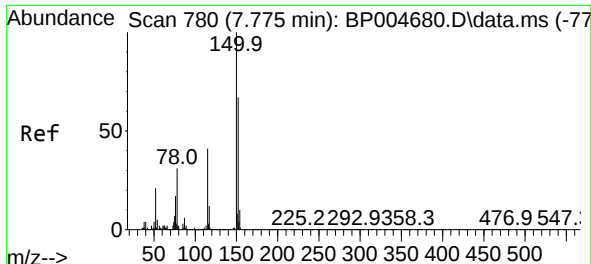
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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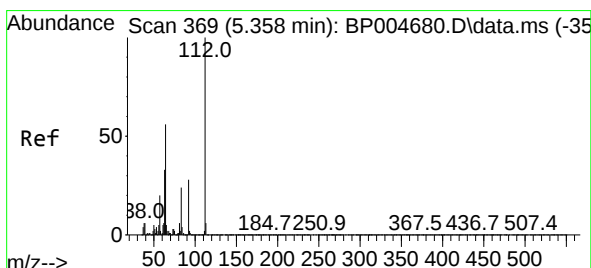
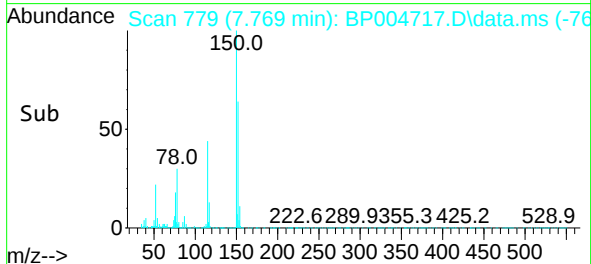
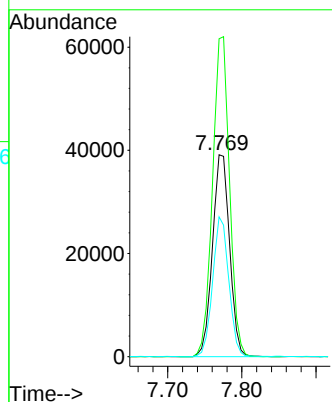
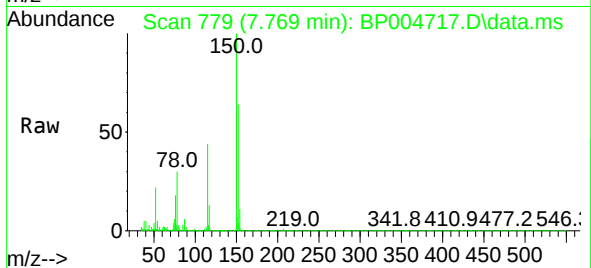




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

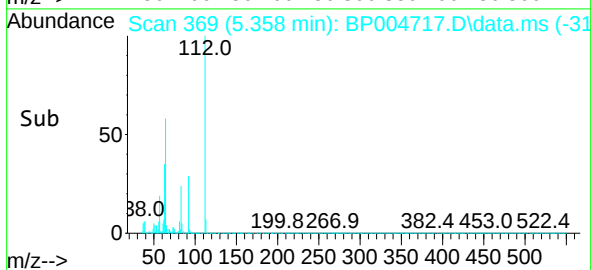
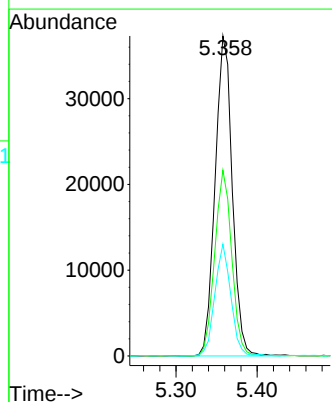
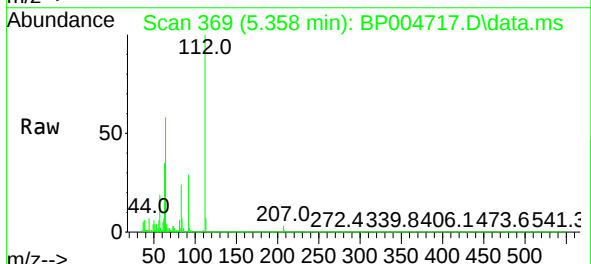
Instrument :
BNA_P
ClientSampleId :
T1109-346592

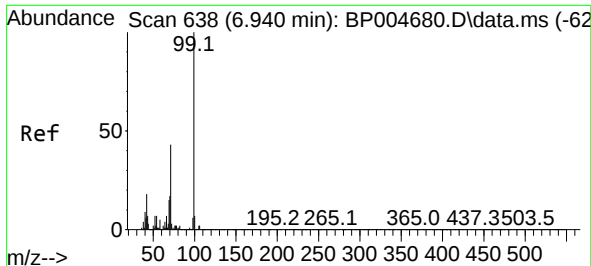
Tgt Ion:152 Resp: 62804
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 69.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 13.48 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:112 Resp: 54848
Ion Ratio Lower Upper
112 100
64 58.1 32.8 49.2#
63 34.9 17.0 25.4#

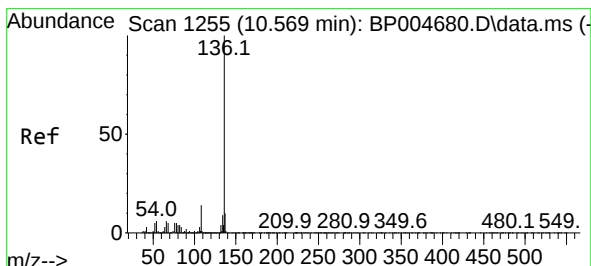
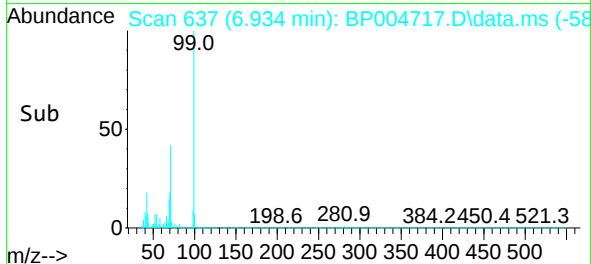
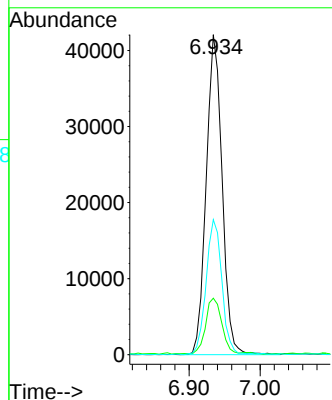
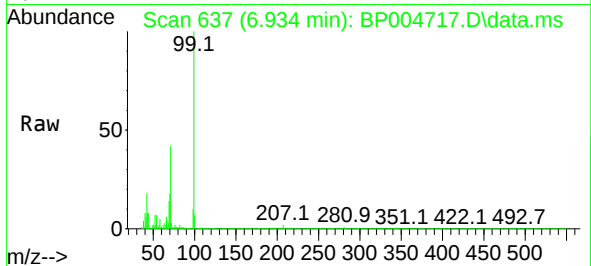




#7
Phenol-d6
Concen: 11.71 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

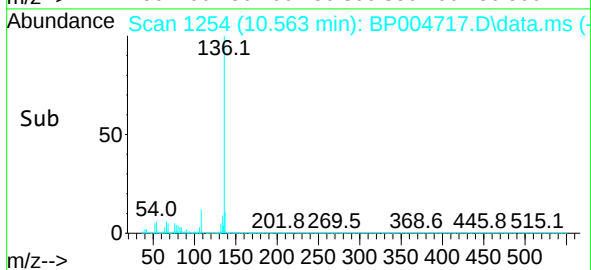
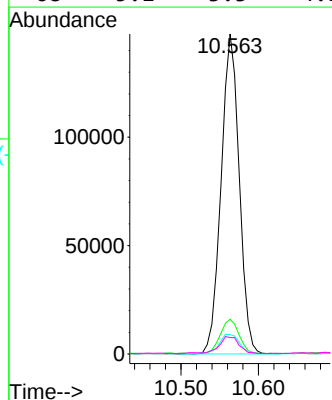
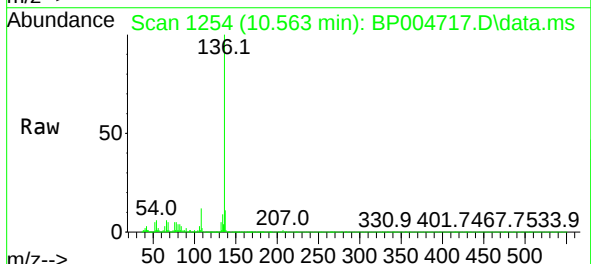
Instrument :
BNA_P
ClientSampleId :
T1109-346592

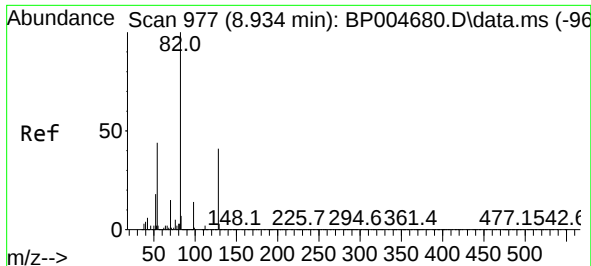
Tgt Ion: 99 Resp: 65530
Ion Ratio Lower Upper
99 100
42 17.7 8.6 13.0#
71 42.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion: 136 Resp: 239778
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.0 3.6 5.4#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 7.51 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004717.D

Acq: 11 Feb 2021 15:43

Instrument :

BNA_P

ClientSampleId :

T1109-346592

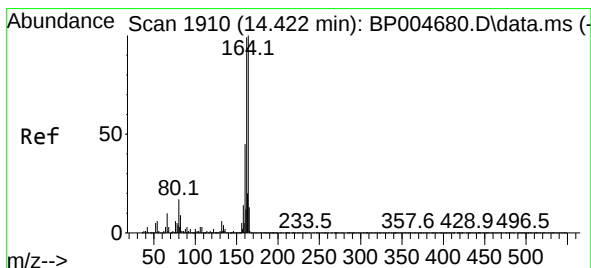
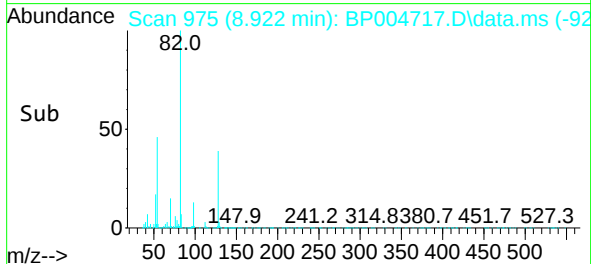
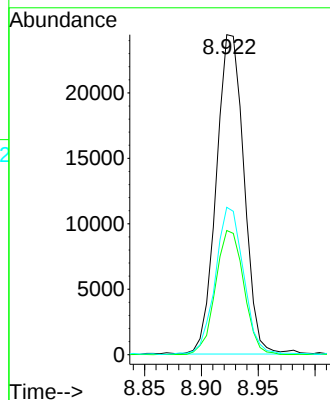
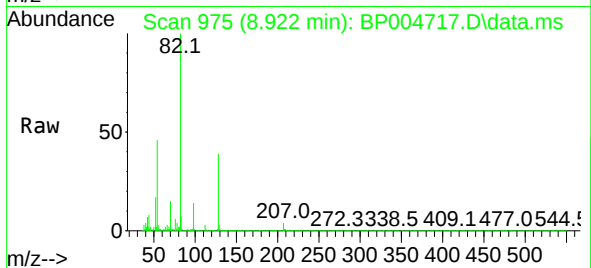
Tgt Ion: 82 Resp: 41337

Ion Ratio Lower Upper

82 100

128 38.8 45.6 68.4#

54 46.1 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: BP004717.D

Acq: 11 Feb 2021 15:43

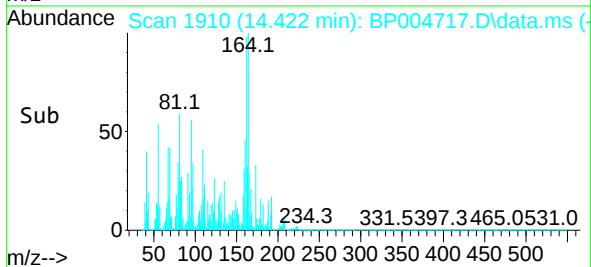
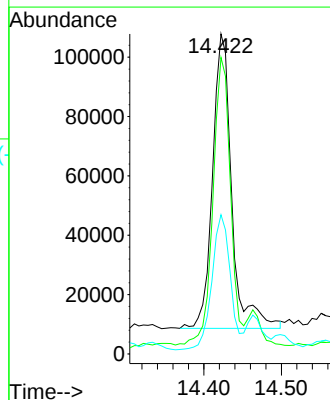
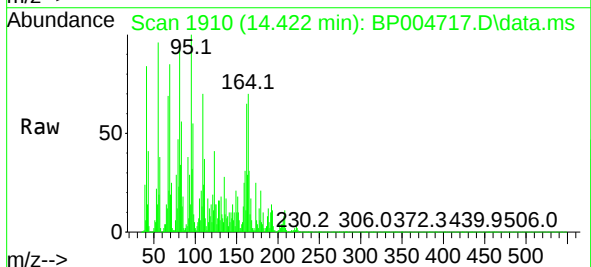
Tgt Ion:164 Resp: 170909

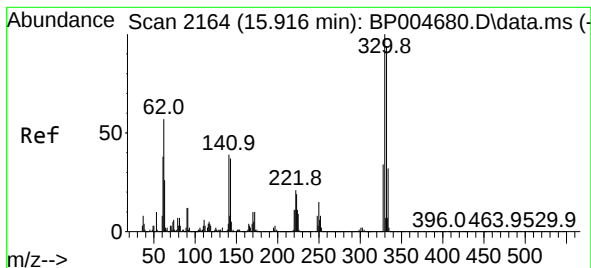
Ion Ratio Lower Upper

164 100

162 92.7 79.4 119.2

160 43.5 36.1 54.1

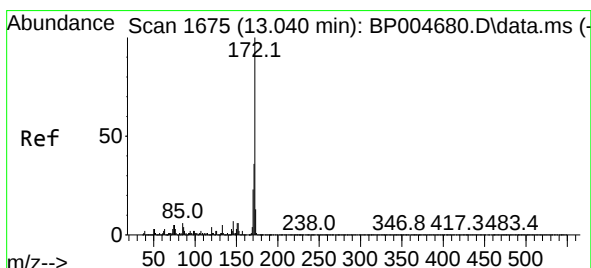
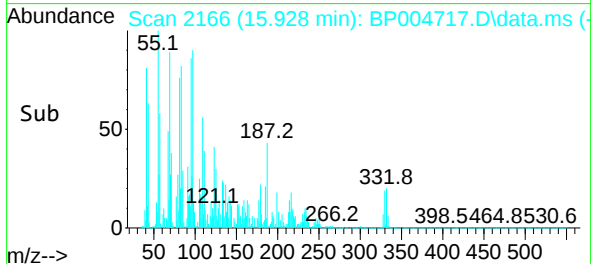
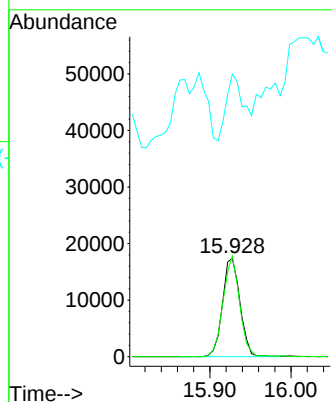
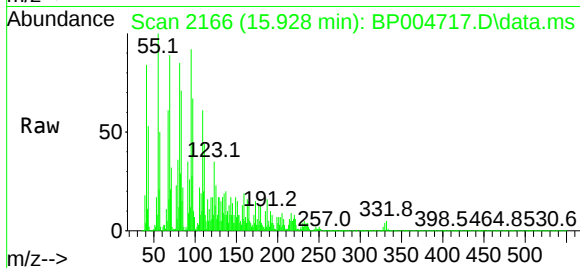




#42
2,4,6-Tribromophenol
Concen: 11.46 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

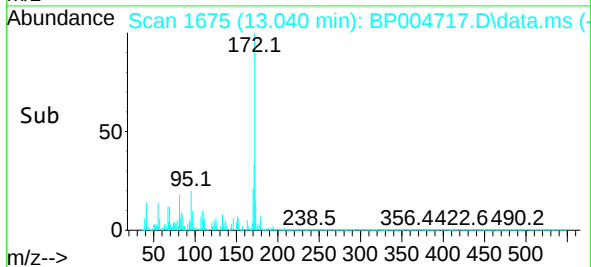
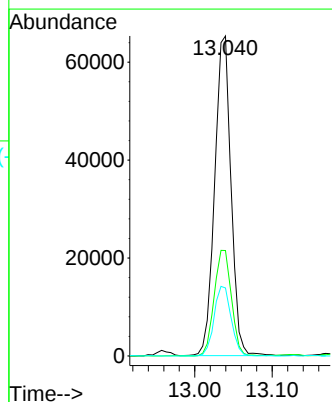
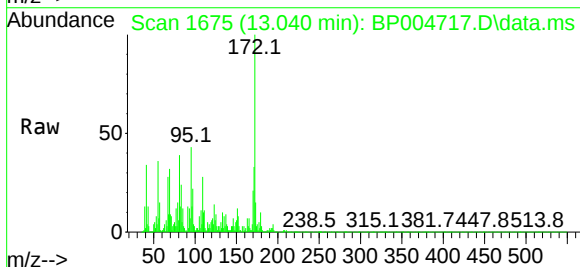
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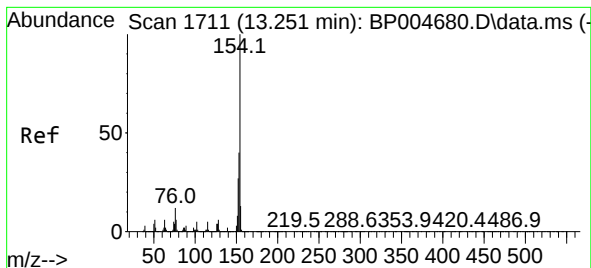
Tgt Ion:330 Resp: 26032
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 68.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 6.85 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:172 Resp: 95734
Ion Ratio Lower Upper
172 100
171 32.9 28.5 42.7
170 21.2 19.2 28.8

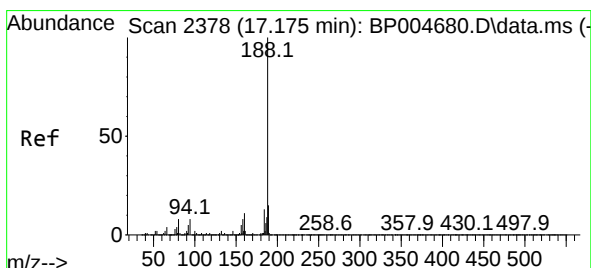
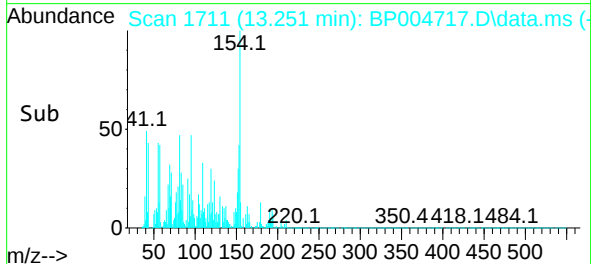
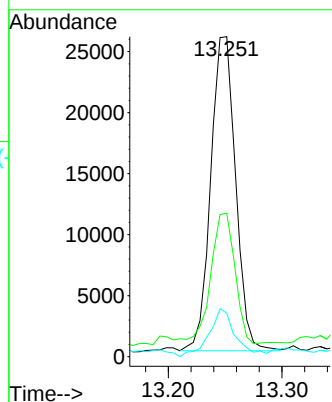
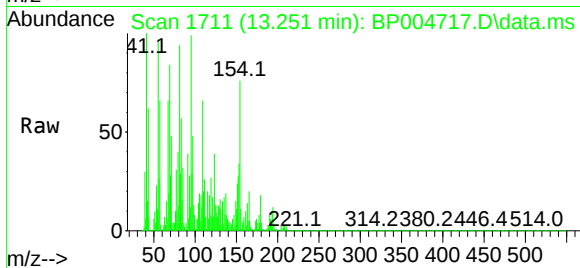




#46
1,1'-Biphenyl
Concen: 2.74 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

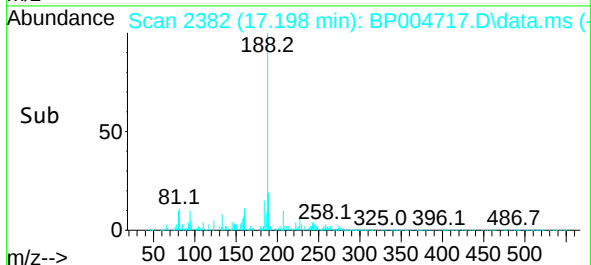
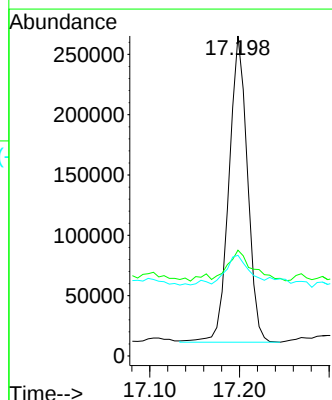
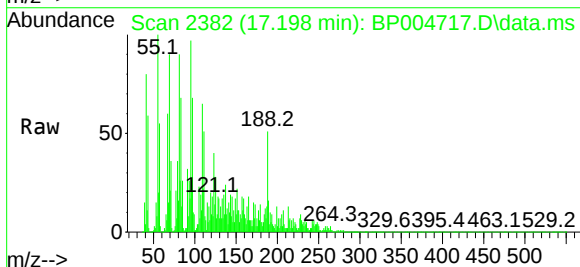
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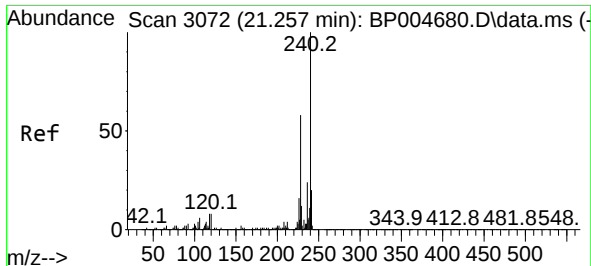
Tgt Ion:154	Resp:	39203
Ion Ratio	Lower	Upper
154	100	
153	44.8	20.4 60.4
76	13.6	0.0 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.024 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:188	Resp:	362878
Ion Ratio	Lower	Upper
188	100	
94	33.1	6.2 9.2#
80	31.5	6.2 9.2#

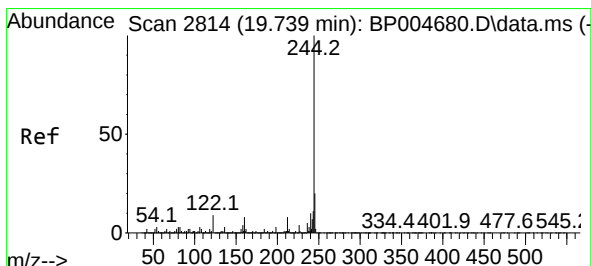
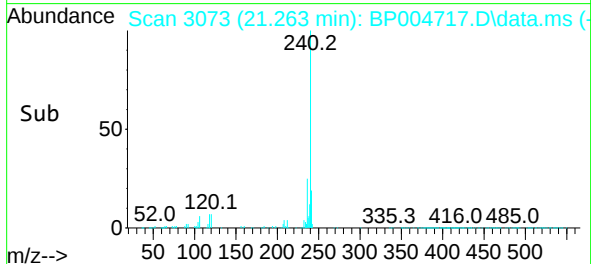
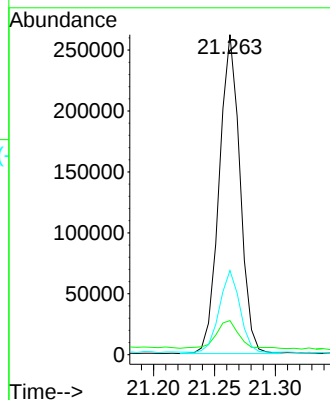
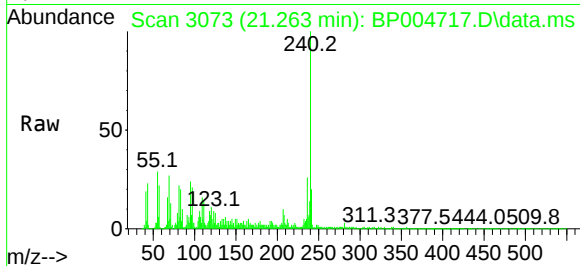




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

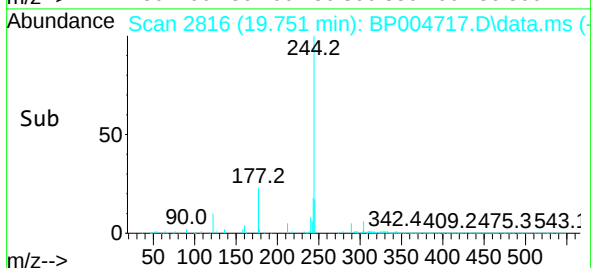
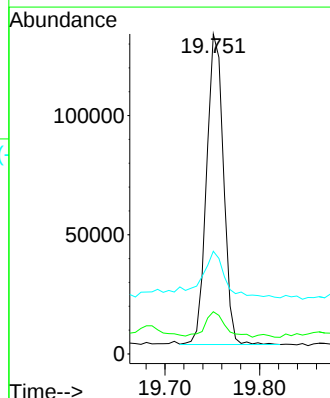
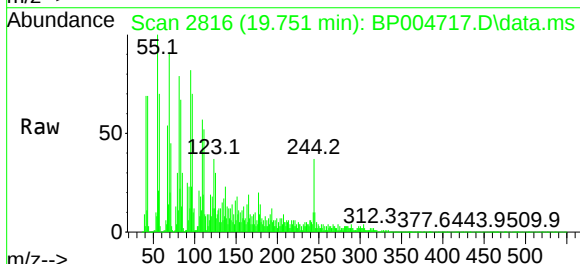
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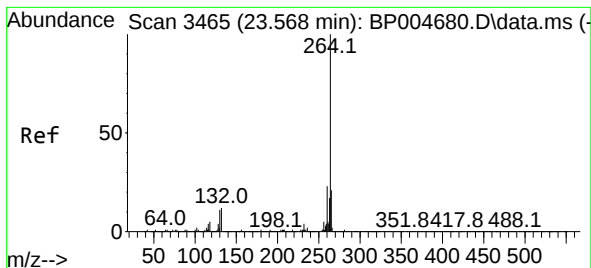
Tgt Ion:240 Resp: 310379
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 8.71 ng
RT: 19.751 min Scan# 2816
Delta R.T. 0.012 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:244 Resp: 160996
Ion Ratio Lower Upper
244 100
212 13.2 5.8 8.6#
122 32.1 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.557 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BP004717.D
 Acq: 11 Feb 2021 15:43

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 317516
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.6 17.4 26.2

