

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004714.D
 Acq On : 11 Feb 2021 14:02
 Operator : CG/JU
 Sample : M1354-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T22-216481

Quant Time: Feb 11 14:39:00 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)

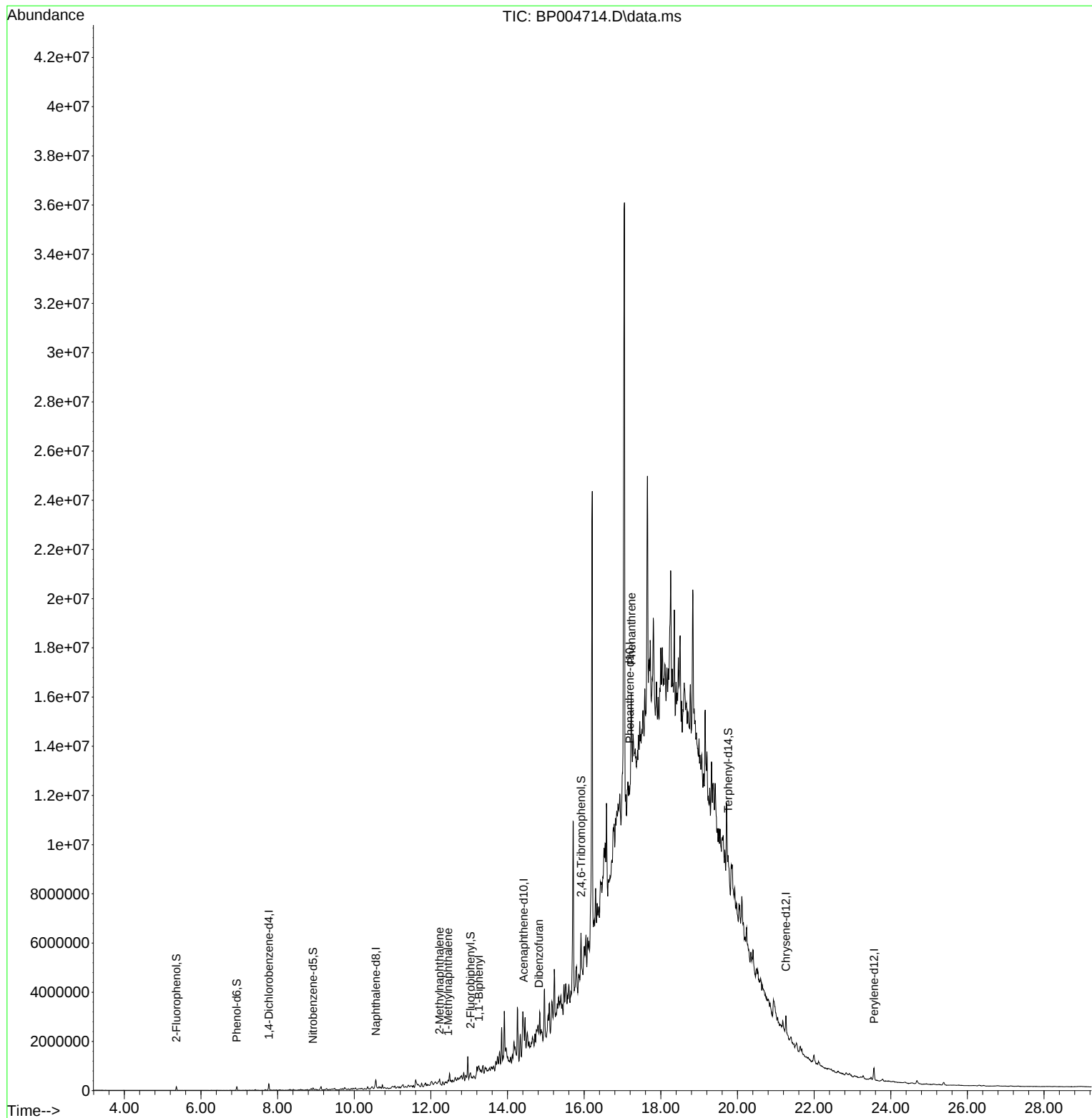
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	65466	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	243267	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	155009	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	343775	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	319763	20.00	ng	0.00
86) Perylene-d12	23.563	264	317362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	60258	14.21	ng	0.00
7) Phenol-d6	6.934	99	71905	12.33	ng	0.00
23) Nitrobenzene-d5	8.922	82	46552	8.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	25680	12.47	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	98236	7.75	ng	0.00
79) Terphenyl-d14	19.757	244	164098	8.62	ng	0.02
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.228	142	35351	3.50	ng	# 88
38) 1-Methylnaphthalene	12.452	142	36105	3.78	ng	# 96
46) 1,1'-Biphenyl	13.251	154	53891	4.15	ng	92
55) Dibenzofuran	14.822	168	37443	2.39	ng	# 2
71) Phenanthrene	17.234	178	166328	7.90	ng	# 7

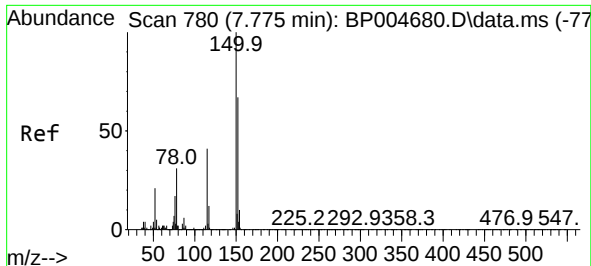
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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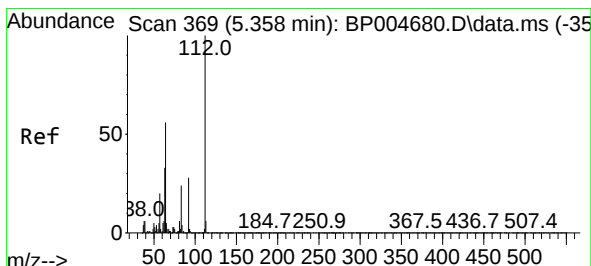
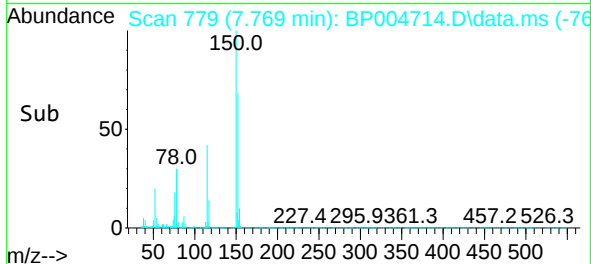
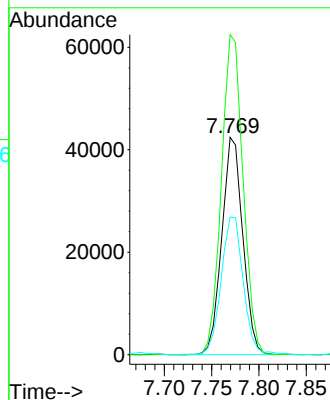
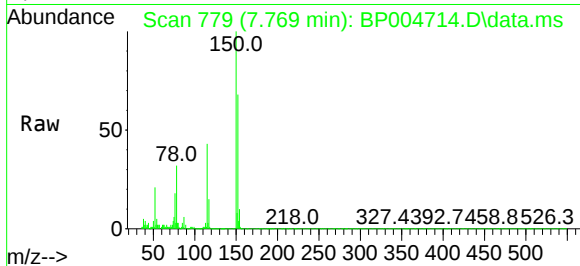




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

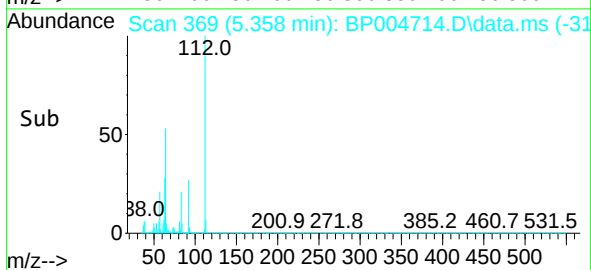
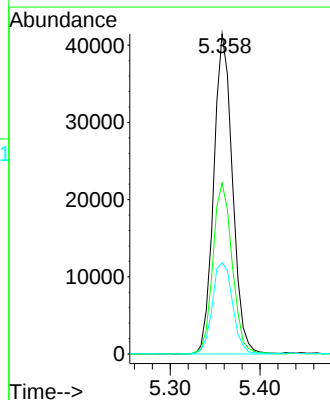
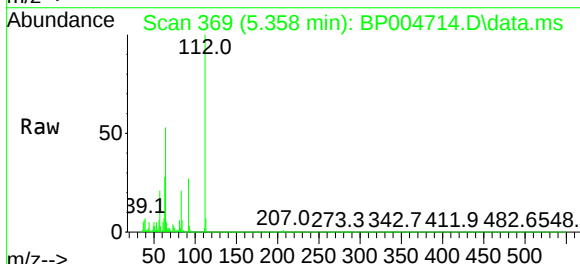
Instrument :
BNA_P
ClientSampleId :
T22-216481

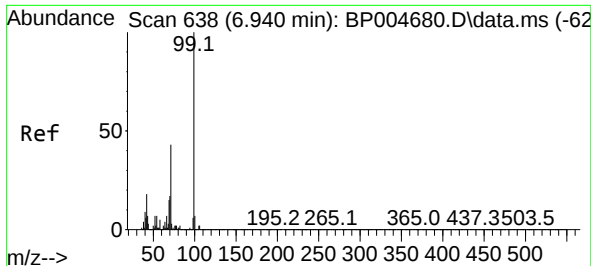
Tgt Ion:152 Resp: 65466
Ion Ratio Lower Upper
152 100
150 147.3 123.8 185.6
115 63.4 43.8 65.6



#5
2-Fluorophenol
Concen: 14.21 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:112 Resp: 60258
Ion Ratio Lower Upper
112 100
64 53.4 32.8 49.2#
63 28.5 17.0 25.4#

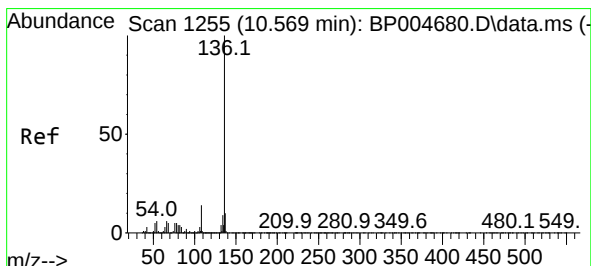
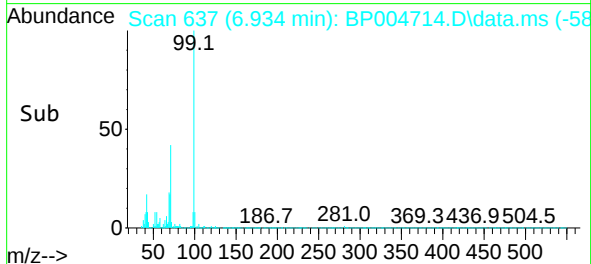
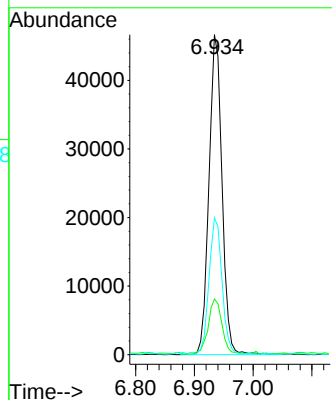
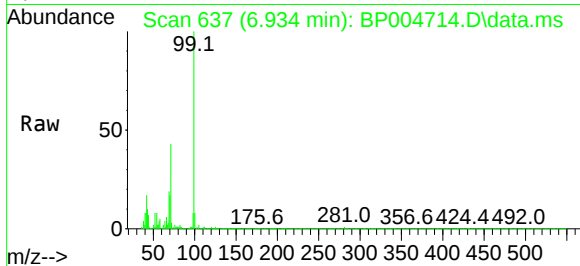




#7
Phenol-d6
Concen: 12.33 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

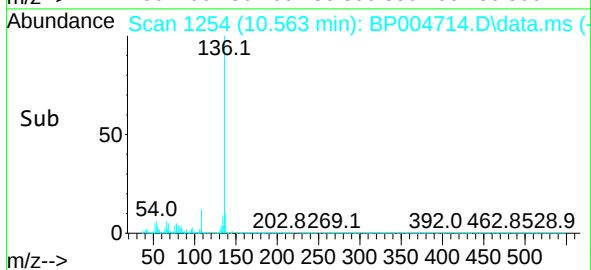
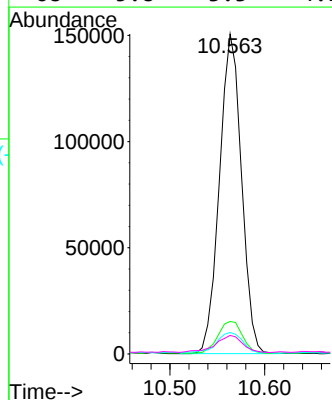
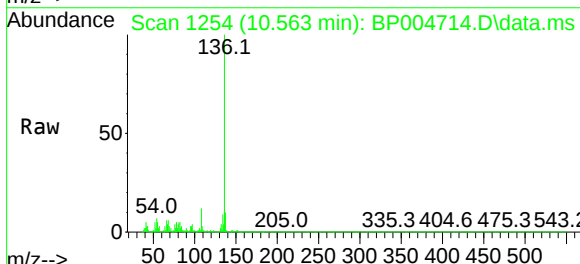
Instrument :
BNA_P
ClientSampleId :
T22-216481

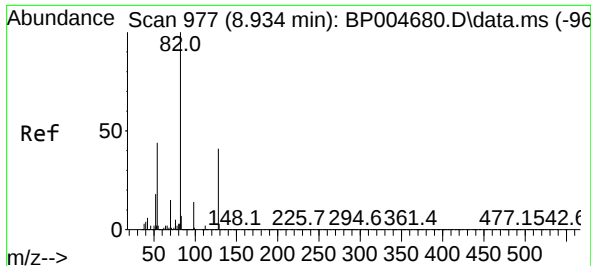
Tgt Ion: 99 Resp: 71905
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 42.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion: 136 Resp: 243267
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 6.7 3.6 5.4#
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.34 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

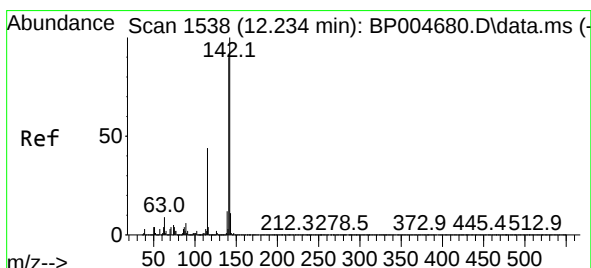
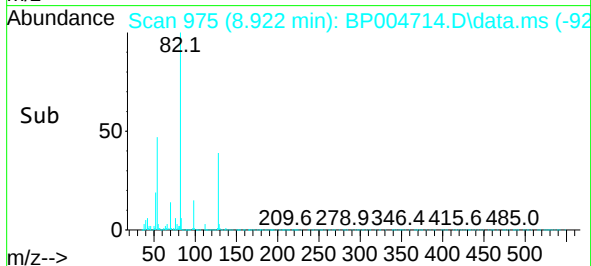
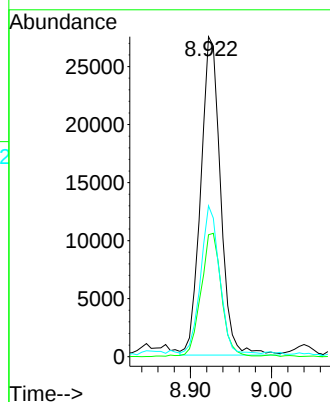
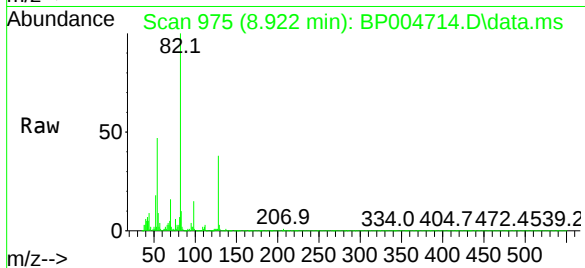
Instrument :

BNA_P

ClientSampleId :

T22-216481

Tgt Ion:	82	Resp:	46552
Ion Ratio	Lower	Upper	
82	100		
128	38.1	45.6	68.4#
54	47.1	30.1	45.1#



#37

2-Methylnaphthalene

Concen: 3.50 ng

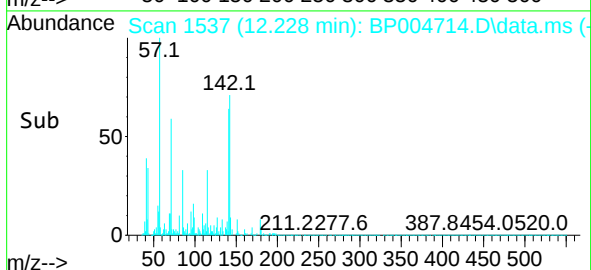
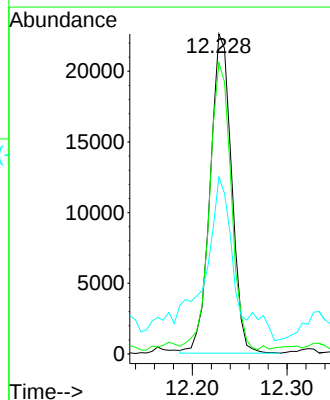
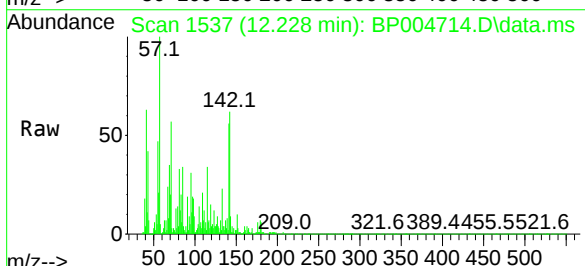
RT: 12.228 min Scan# 1537

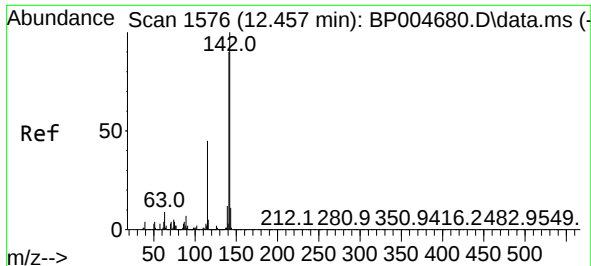
Delta R.T. -0.006 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

Tgt Ion:	142	Resp:	35351
Ion Ratio	Lower	Upper	
142	100		
141	91.0	71.4	107.2
115	55.3	25.8	38.6#

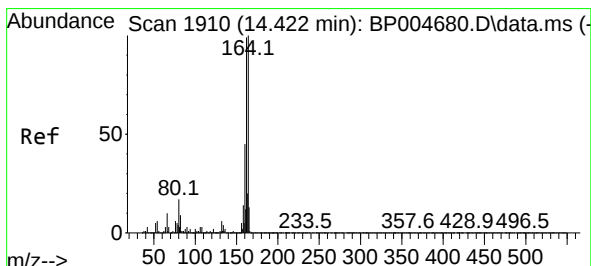
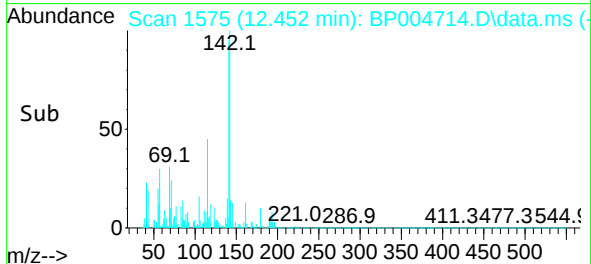
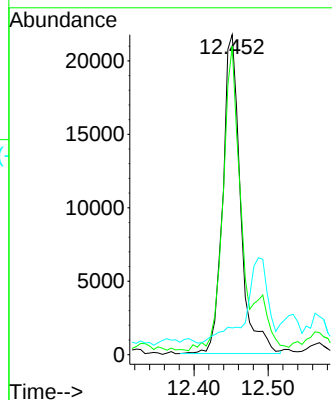
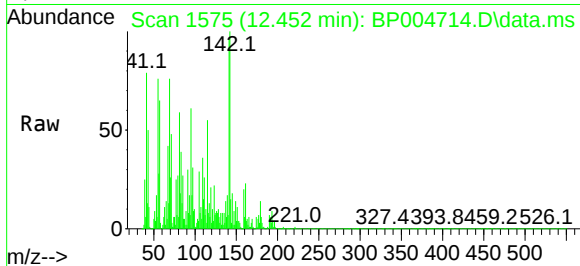




#38
1-Methylnaphthalene
Concen: 3.78 ng
RT: 12.452 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

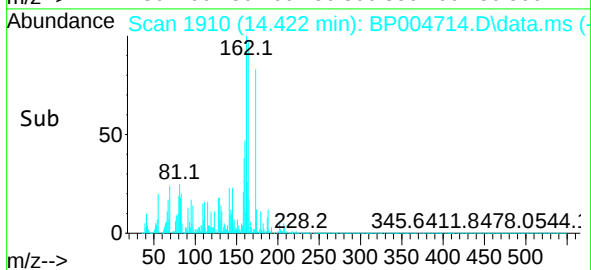
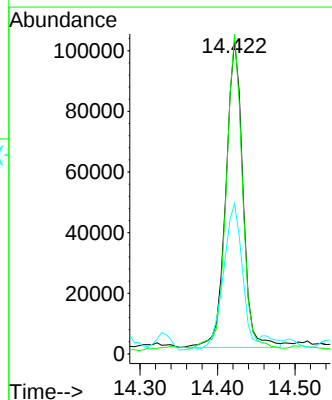
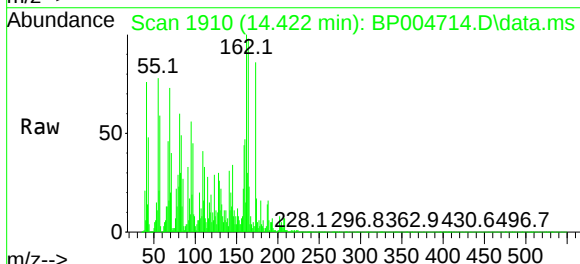
Instrument :
BNA_P
ClientSampleId :
T22-216481

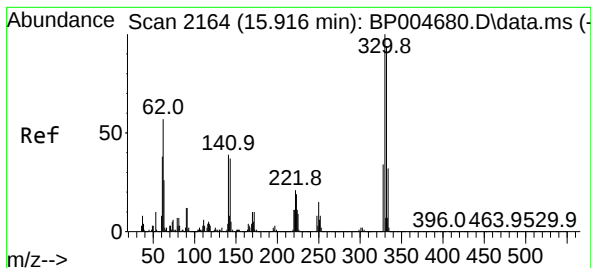
Tgt Ion:142 Resp: 36105
Ion Ratio Lower Upper
142 100
141 96.4 74.4 111.6
116 8.3 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:164 Resp: 155009
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 48.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 12.47 ng

RT: 15.922 min Scan# 2165

Delta R.T. 0.006 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

Tgt Ion: 330 Resp: 25680

Ion Ratio Lower Upper

330 100

332 99.4 77.1 115.7

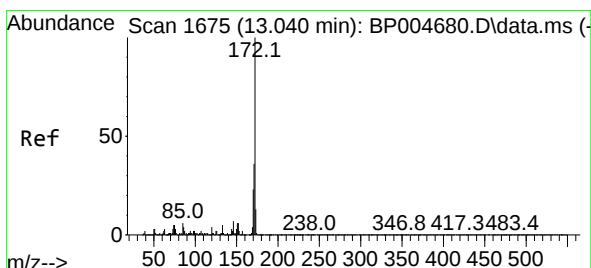
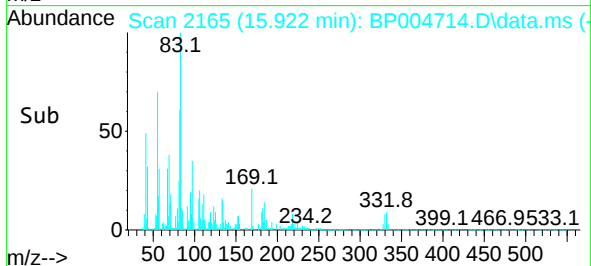
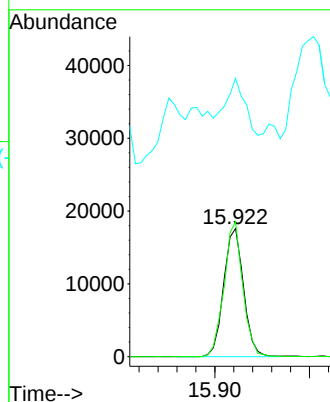
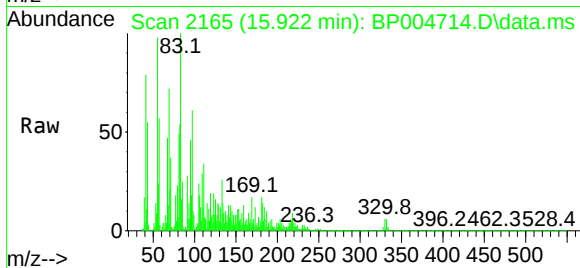
141 38.5 23.4 35.2#

Instrument :

BNA_P

ClientSampleId :

T22-216481



#45

2-Fluorobiphenyl

Concen: 7.75 ng

RT: 13.034 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

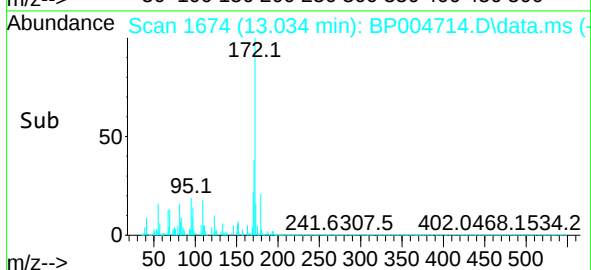
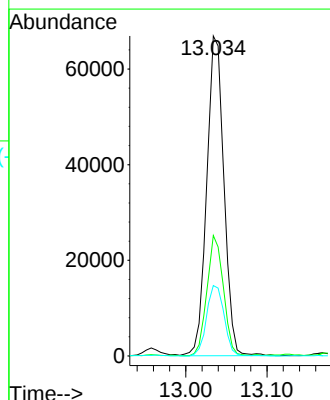
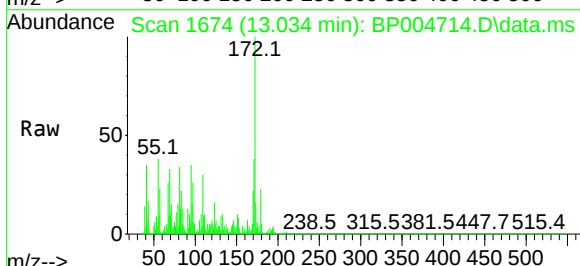
Tgt Ion: 172 Resp: 98236

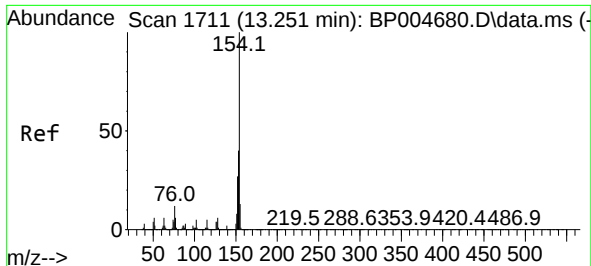
Ion Ratio Lower Upper

172 100

171 37.6 28.5 42.7

170 22.0 19.2 28.8

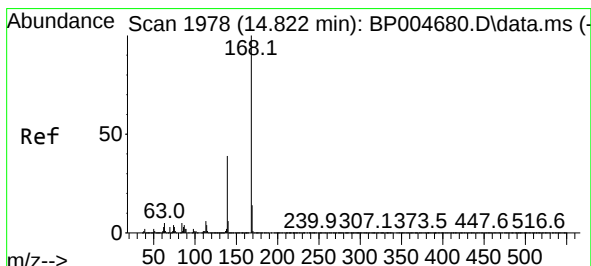
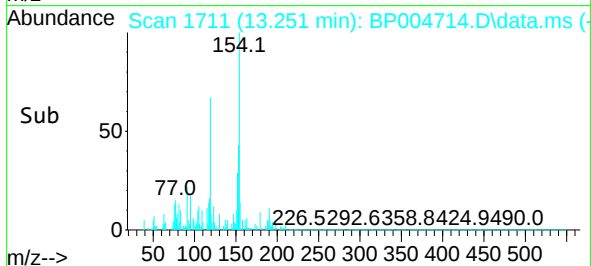
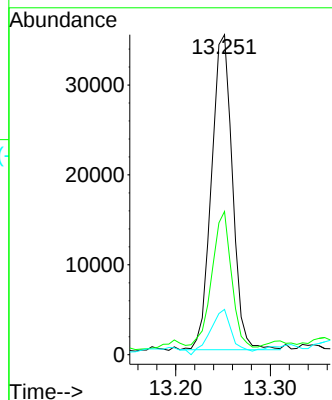
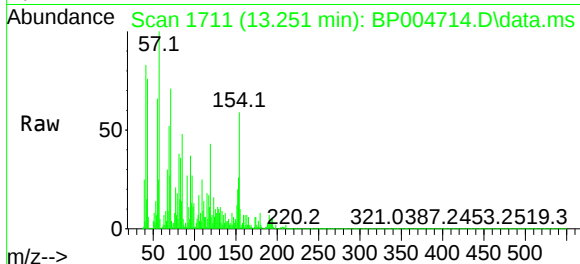




#46
1,1'-Biphenyl
Concen: 4.15 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

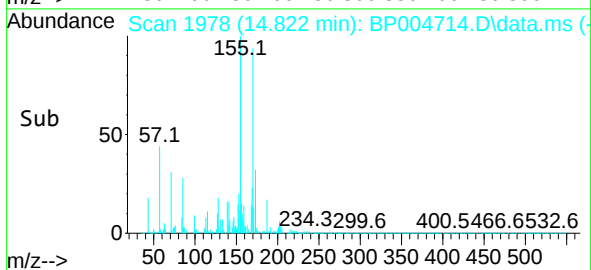
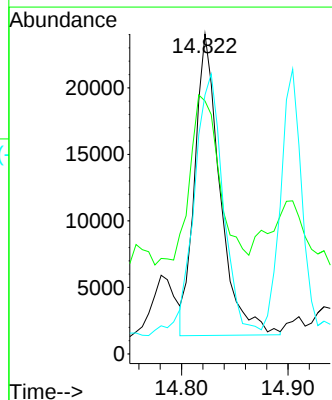
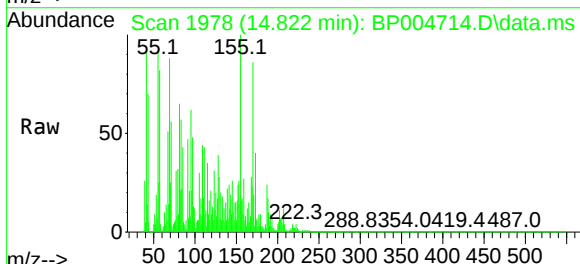
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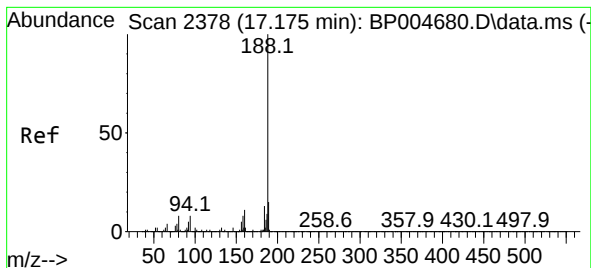
Tgt Ion:154 Resp: 53891
Ion Ratio Lower Upper
154 100
153 44.7 20.4 60.4
76 14.2 0.0 29.3



#55
Dibenzofuran
Concen: 2.39 ng
RT: 14.822 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:168 Resp: 37443
Ion Ratio Lower Upper
168 100
139 79.1 29.1 43.7#
169 80.9 10.4 15.6#

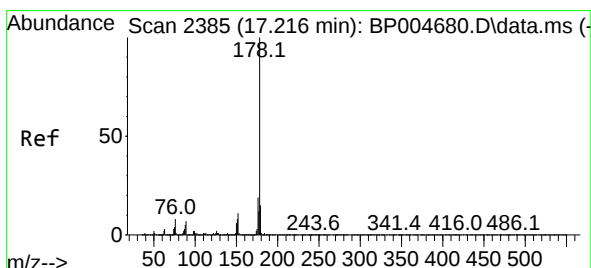
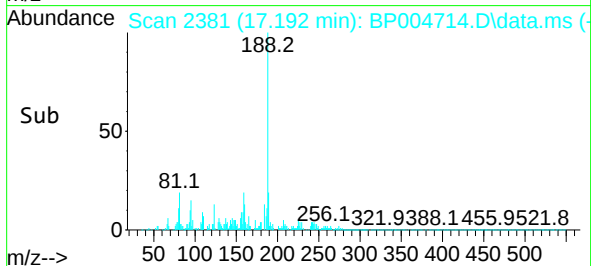
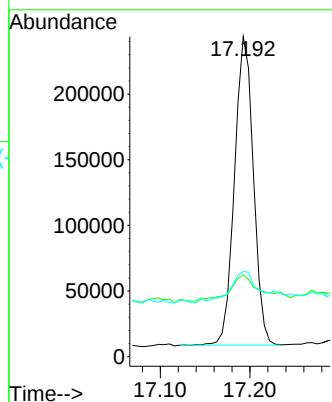
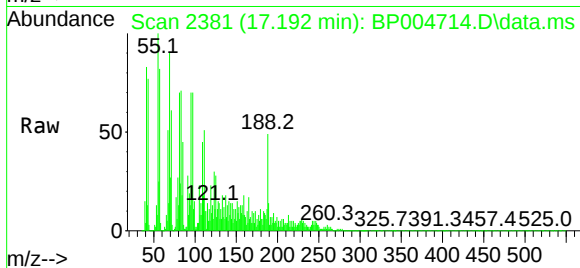




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

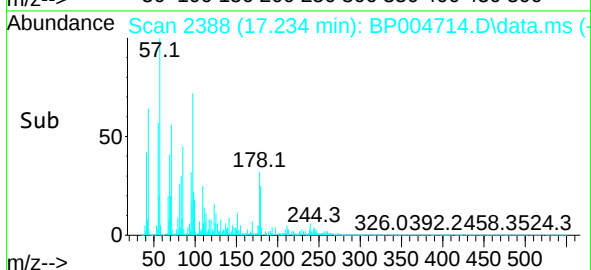
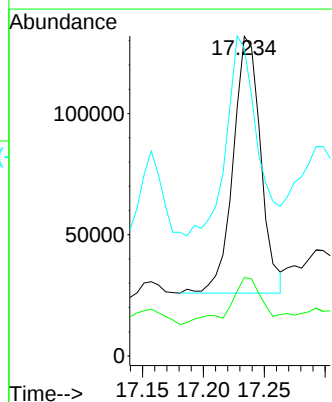
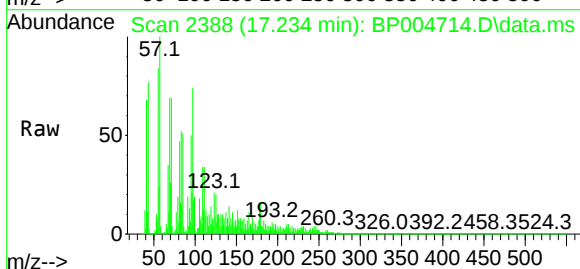
Instrument :
BNA_P
ClientSampleId :
T22-216481

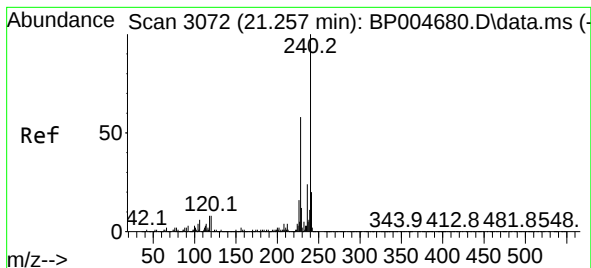
Tgt Ion:188 Resp: 343775
Ion Ratio Lower Upper
188 100
94 25.6 6.2 9.2#
80 26.6 6.2 9.2#



#71
Phenanthrene
Concen: 7.90 ng
RT: 17.234 min Scan# 2388
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:178 Resp: 166328
Ion Ratio Lower Upper
178 100
176 24.6 15.3 22.9#
179 96.2 12.5 18.7#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.263 min Scan# 3073

Delta R.T. 0.006 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

Tgt Ion:240 Resp: 319763

Ion Ratio Lower Upper

240 100

120 10.7 7.8 11.6

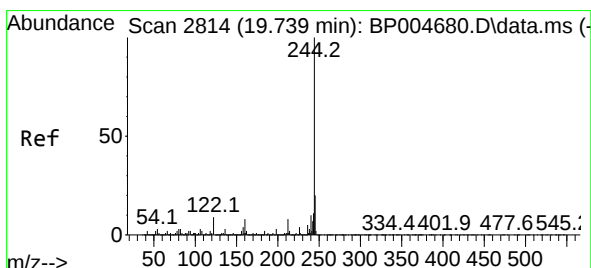
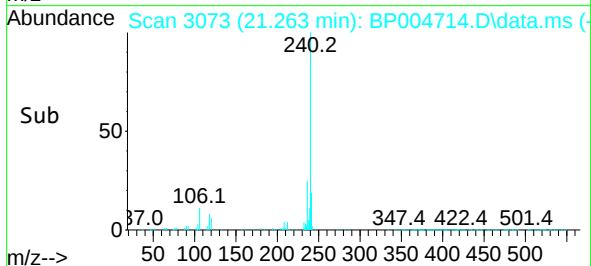
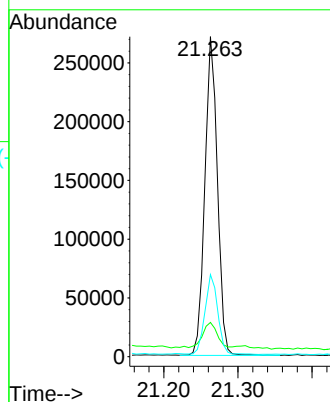
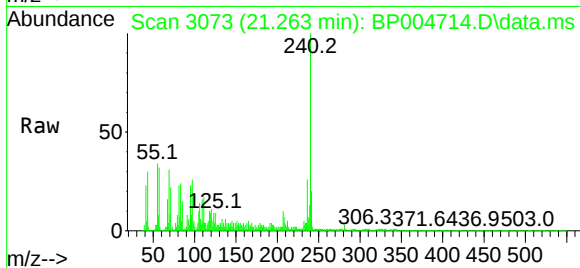
236 25.7 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

T22-216481



#79

Terphenyl-d14

Concen: 8.62 ng

RT: 19.757 min Scan# 2817

Delta R.T. 0.018 min

Lab File: BP004714.D

Acq: 11 Feb 2021 14:02

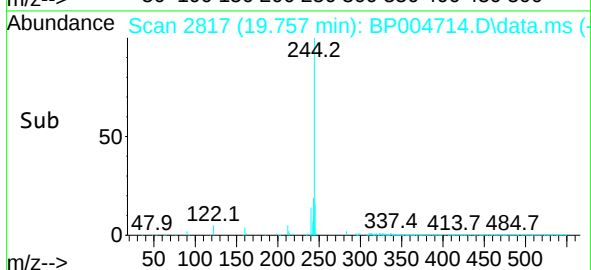
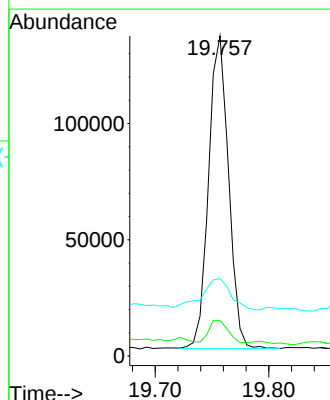
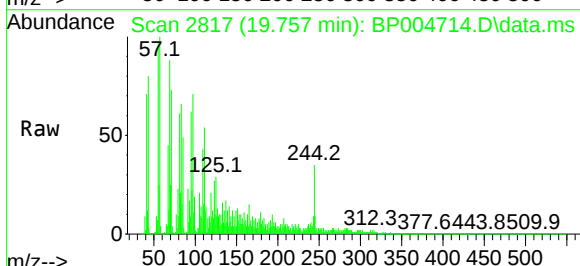
Tgt Ion:244 Resp: 164098

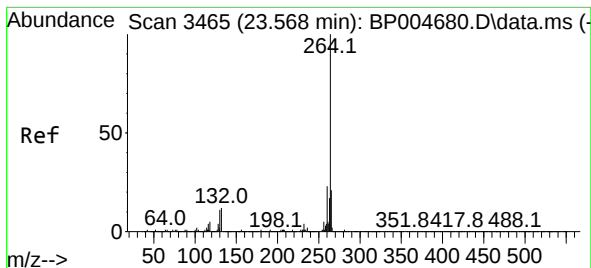
Ion Ratio Lower Upper

244 100

212 11.2 5.8 8.6#

122 24.2 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: BP004714.D

Acq: 11 Feb 2021 14:02

Instrument :

BNA_P

ClientSampleId :

T22-216481

Tgt Ion:264 Resp: 317362

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.4 26.2

