

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004718.D
 Acq On : 11 Feb 2021 16:17
 Operator : CG/JU
 Sample : M1358-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T494-472828

Quant Time: Feb 11 17:03:11 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)

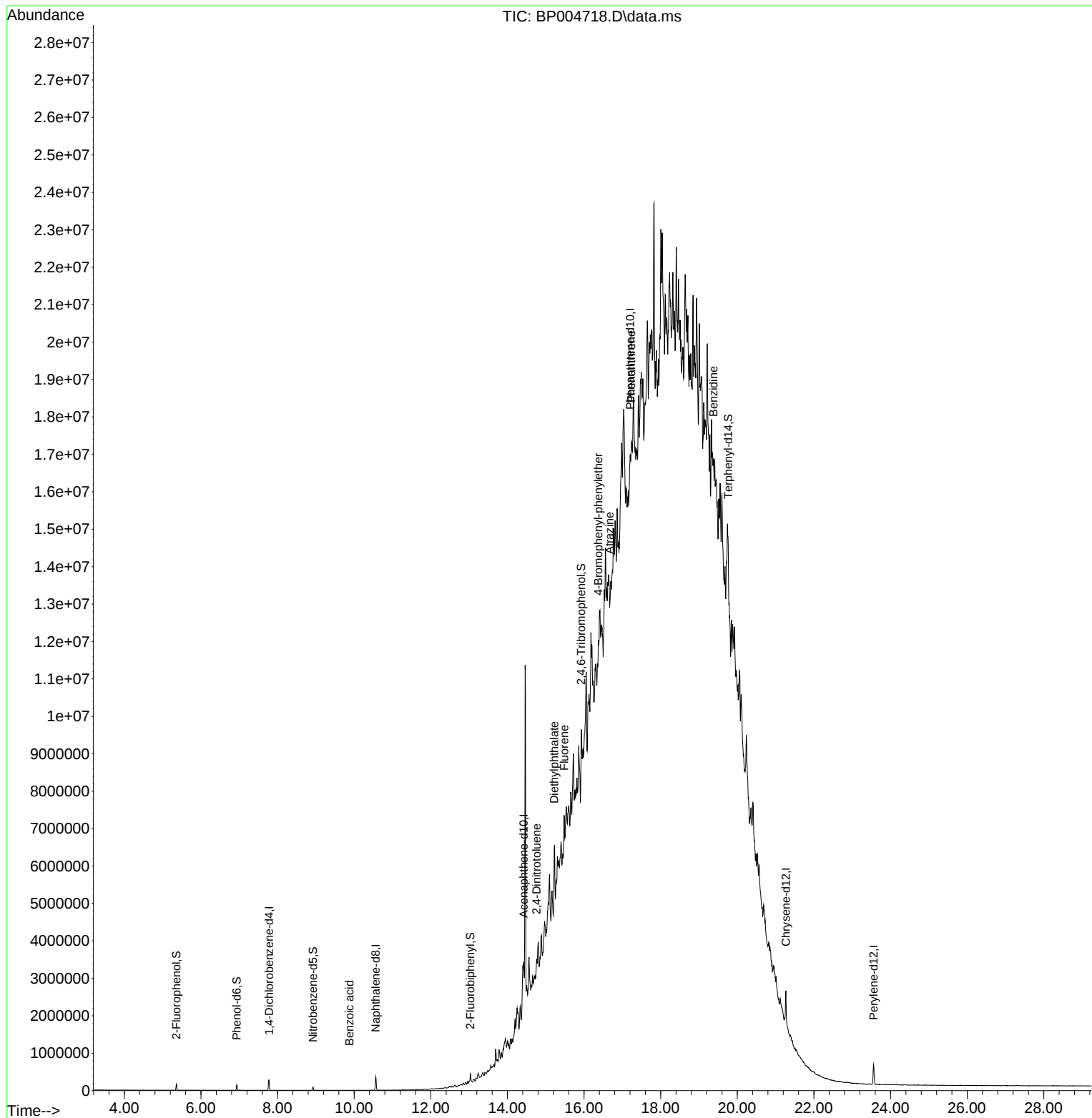
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	72126	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	278422	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	180647	20.00	ng	0.00
64) Phenanthrene-d10	17.204	188	439359	20.00	ng	# 0.03
76) Chrysene-d12	21.268	240	373819	20.00	ng	0.01
86) Perylene-d12	23.557	264	376188	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	64511	13.81	ng	0.00
7) Phenol-d6	6.934	99	76768	11.95	ng	0.00
23) Nitrobenzene-d5	8.922	82	49640	7.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.928	330	31699	13.21	ng	0.01
45) 2-Fluorobiphenyl	13.034	172	114911	7.77	ng	0.00
79) Terphenyl-d14	19.763	244	211198	9.49	ng	0.02
Target Compounds						
32) Benzoic acid	9.875	122	23	6.86	ng	# 1
57) 2,4-Dinitrotoluene	14.763	165	11523	2.63	ng	# 69
58) Fluorene	15.480	166	44098	2.94	ng	# 1
60) Diethylphthalate	15.222	149	43592	2.74	ng	# 50
67) 4-Bromophenyl-phenylether	16.375	248	13238	2.34	ng	# 1
69) Atrazine	16.663	200	38712	8.26	ng	# 1
71) Phenanthrene	17.233	178	56351	2.09	ng	# 1
77) Benzidine	19.380	184	2728	2.50	ng	# 1

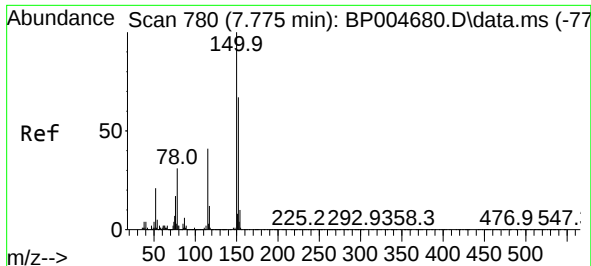
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 05 18:04:48 2021
Response via : Initial Calibration

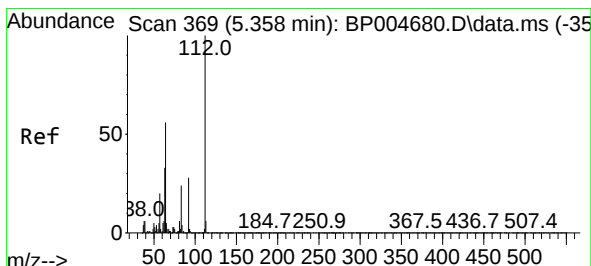
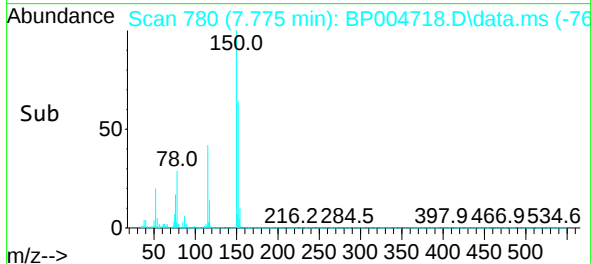
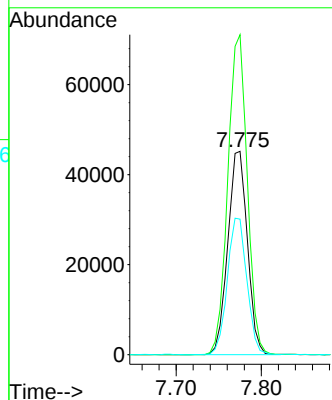
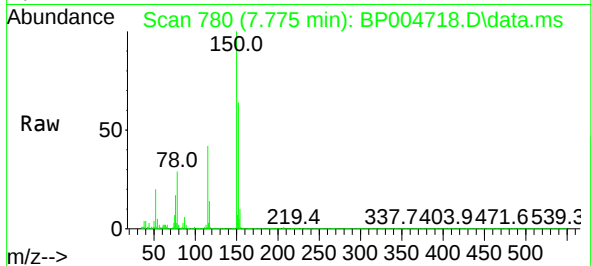




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.775 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

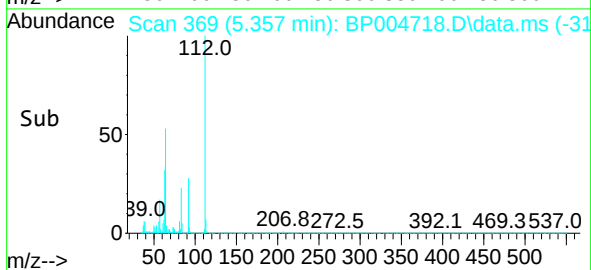
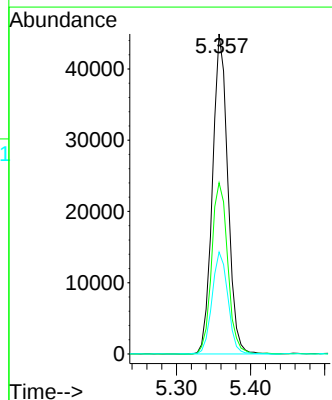
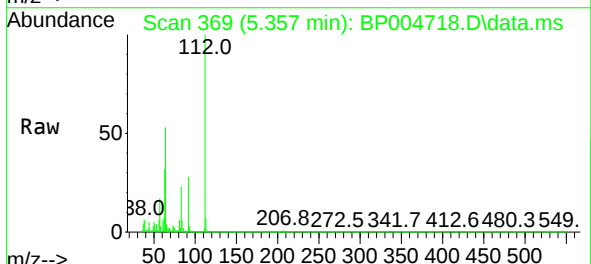
Instrument :
BNA_P
ClientSampleId :
T494-472828

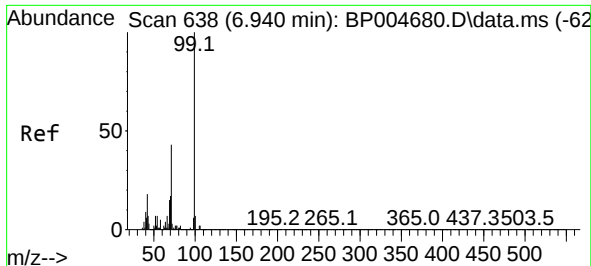
Tgt Ion:152 Resp: 72126
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 66.6 43.8 65.6#



#5
2-Fluorophenol
Concen: 13.81 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:112 Resp: 64511
Ion Ratio Lower Upper
112 100
64 53.5 32.8 49.2#
63 31.8 17.0 25.4#

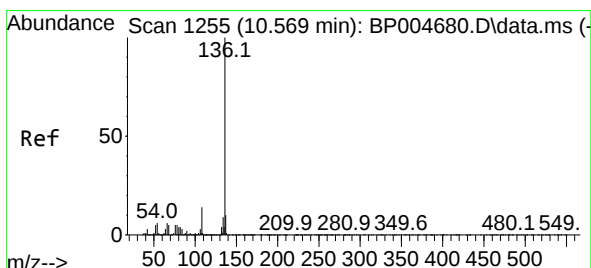
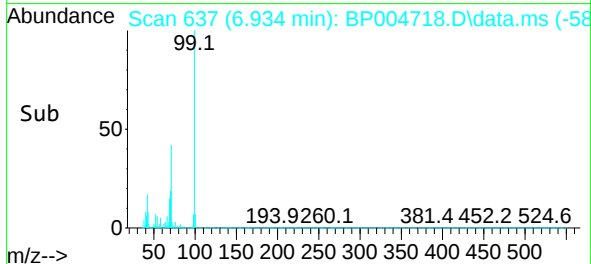
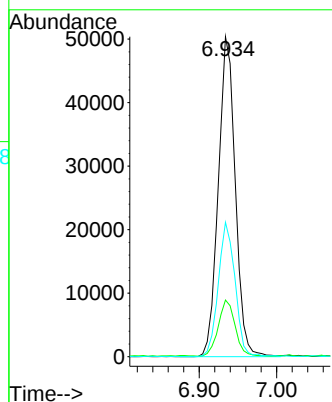
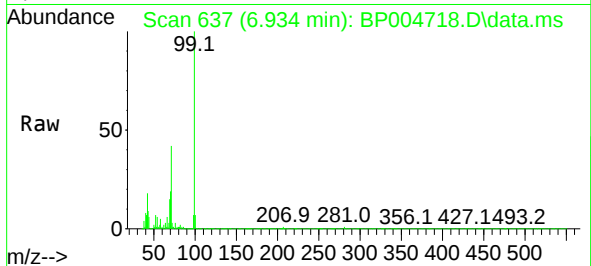




#7
Phenol-d6
Concen: 11.95 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

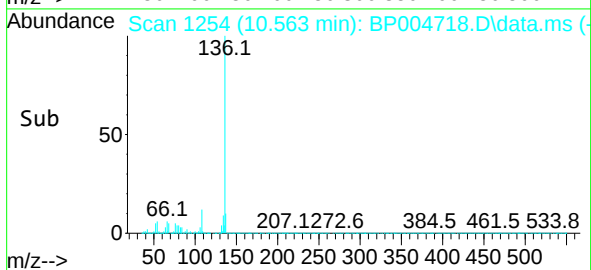
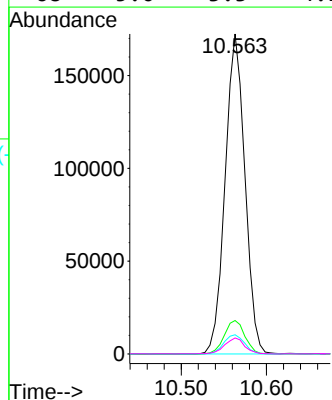
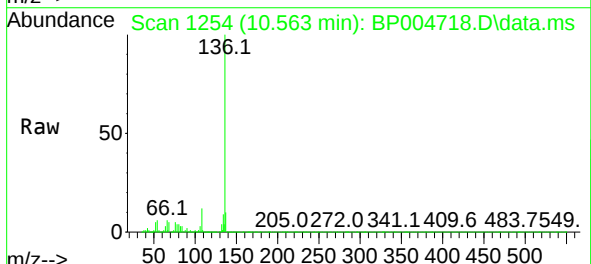
Instrument :
BNA_P
ClientSampleId :
T494-472828

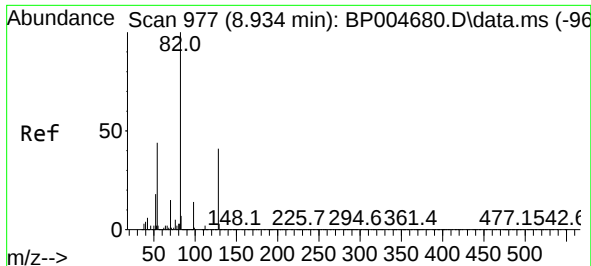
Tgt Ion: 99 Resp: 76768
Ion Ratio Lower Upper
99 100
42 17.7 8.6 13.0#
71 42.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion: 136 Resp: 278422
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 6.0 3.6 5.4#
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 7.77 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004718.D

Acq: 11 Feb 2021 16:17

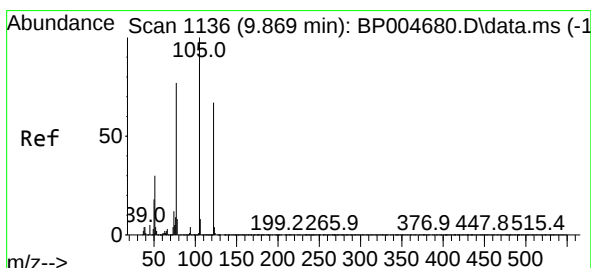
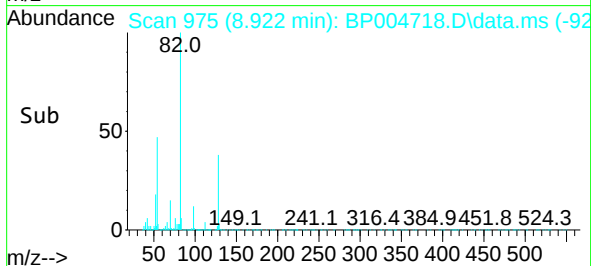
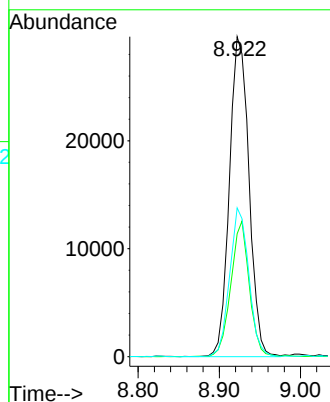
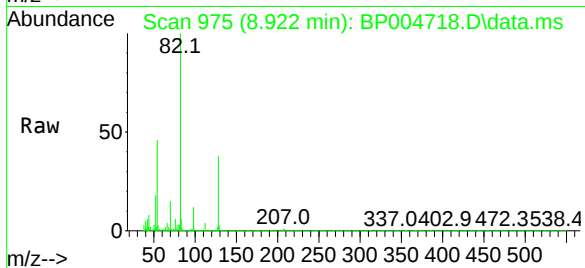
Instrument :

BNA_P

ClientSampleId :

T494-472828

Tgt Ion:	82	Resp:	49640
Ion Ratio	Lower	Upper	
82	100		
128	38.4	45.6	68.4#
54	46.5	30.1	45.1#



#32

Benzoic acid

Concen: 6.86 ng

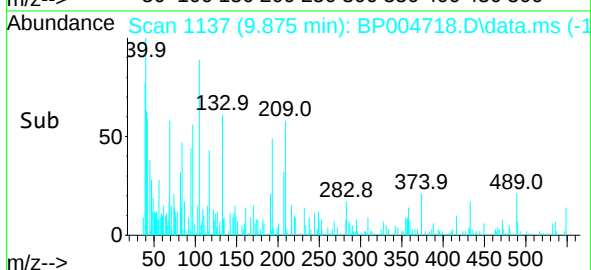
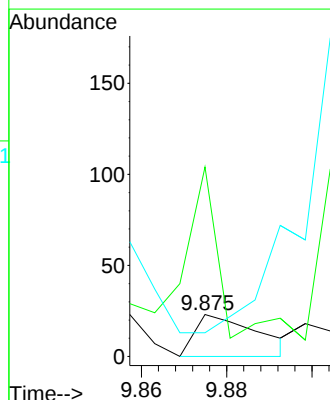
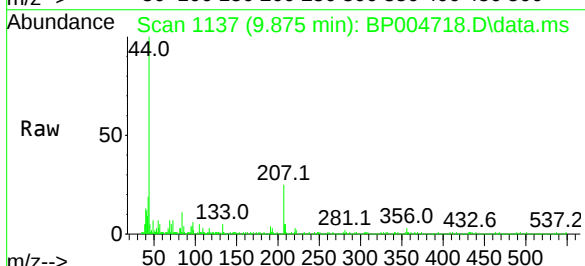
RT: 9.875 min Scan# 1137

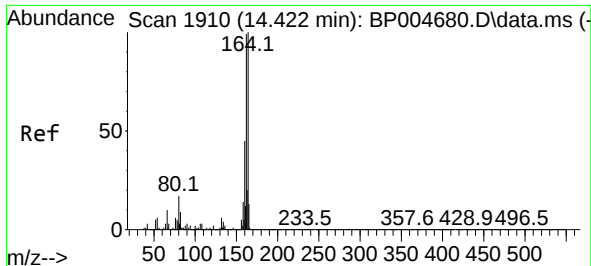
Delta R.T. 0.006 min

Lab File: BP004718.D

Acq: 11 Feb 2021 16:17

Tgt Ion:	122	Resp:	23
Ion Ratio	Lower	Upper	
122	100		
105	452.2	94.1	134.1#
77	56.5	50.1	90.1

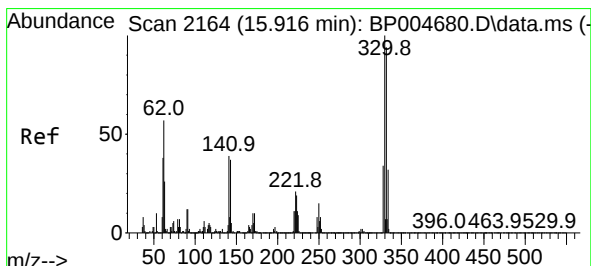
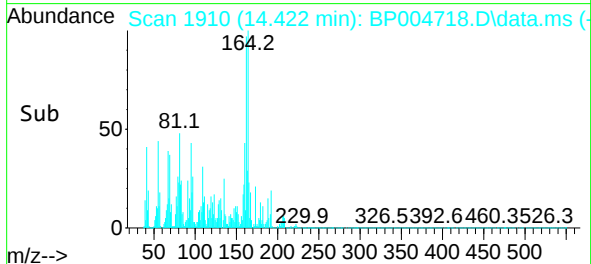
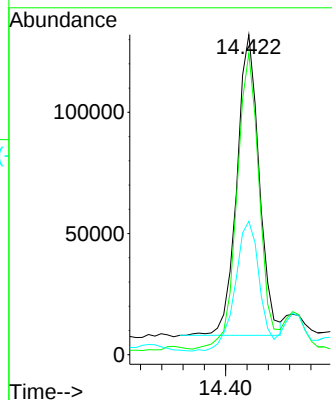
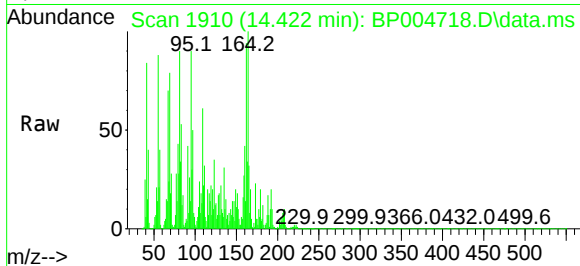




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

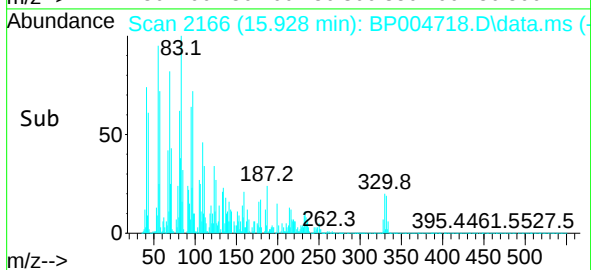
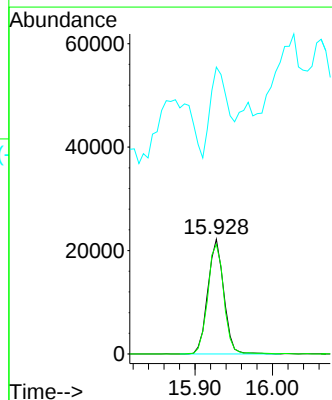
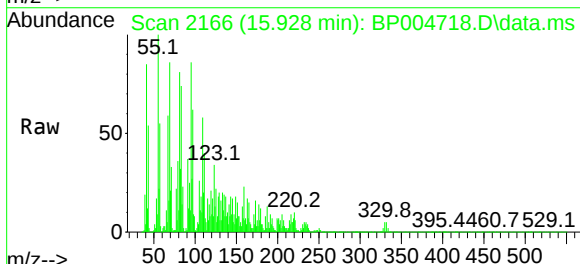
Instrument :
BNA_P
ClientSampleId :
T494-472828

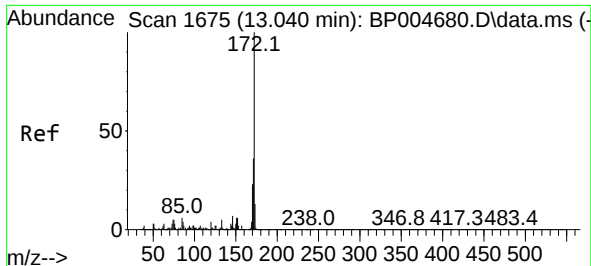
Tgt Ion:164 Resp: 180647
Ion Ratio Lower Upper
164 100
162 94.2 79.4 119.2
160 41.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 13.21 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:330 Resp: 31699
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 88.7 23.4 35.2#

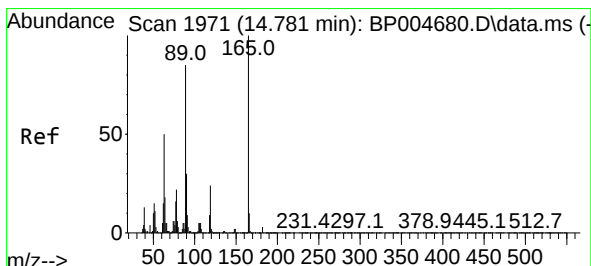
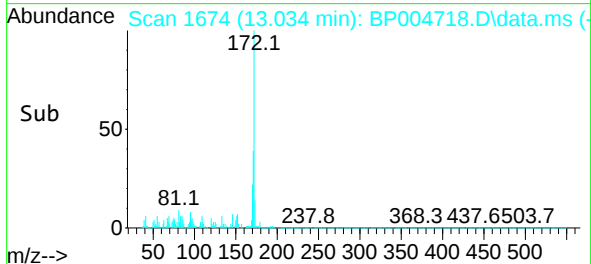
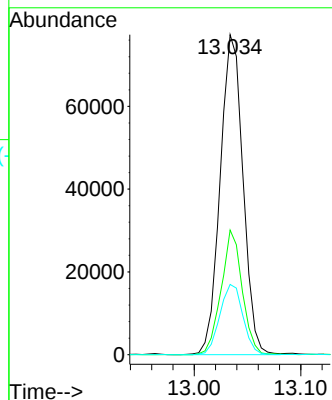
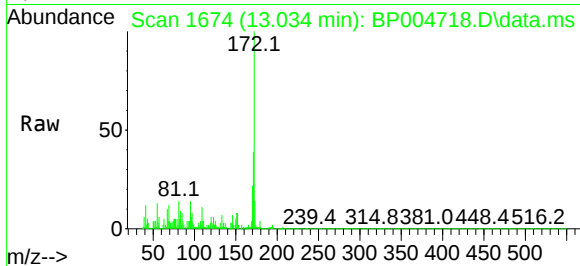




#45
2-Fluorobiphenyl
Concen: 7.77 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

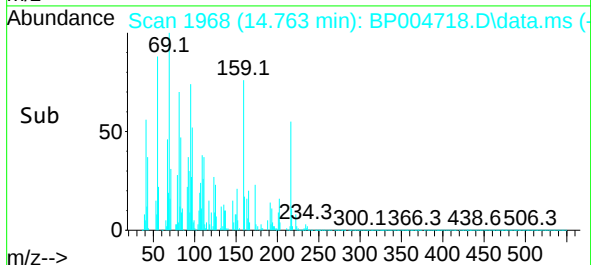
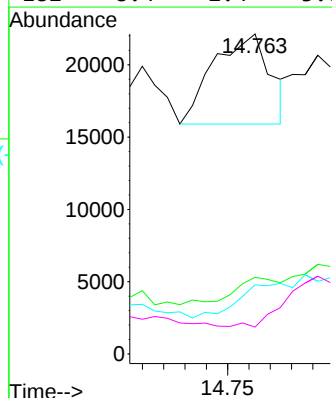
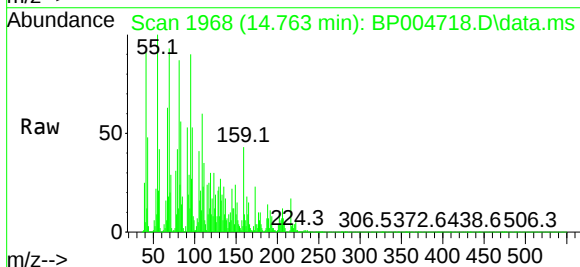
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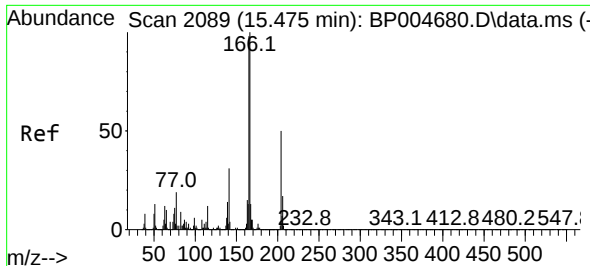
Tgt Ion:172 Resp: 114911
Ion Ratio Lower Upper
172 100
171 39.0 28.5 42.7
170 22.0 19.2 28.8



#57
2,4-Dinitrotoluene
Concen: 2.63 ng
RT: 14.763 min Scan# 1968
Delta R.T. -0.018 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:165 Resp: 11523
Ion Ratio Lower Upper
165 100
63 24.0 20.6 31.0
89 21.6 42.6 63.8#
182 8.4 2.4 3.6#

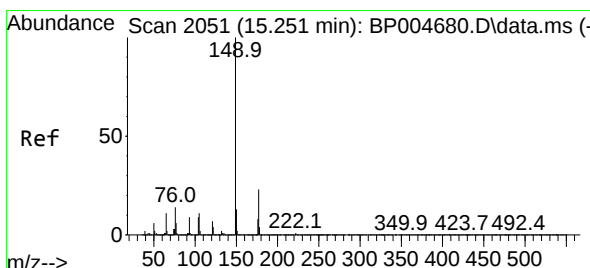
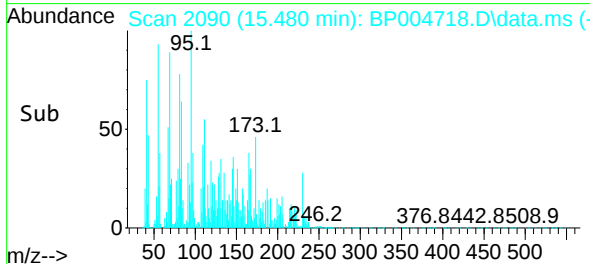
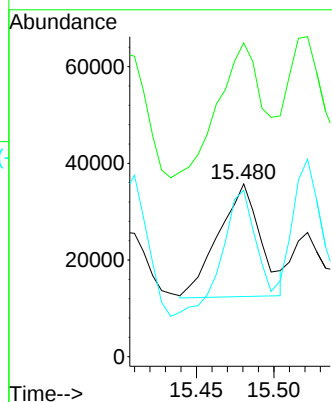
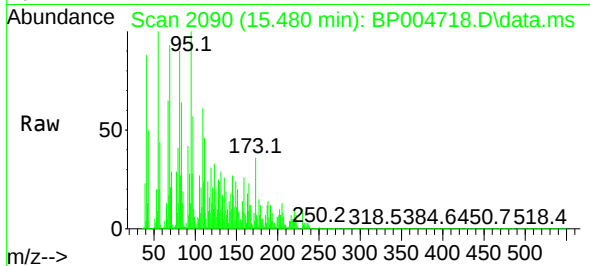




#58
Fluorene
Concen: 2.94 ng
RT: 15.480 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

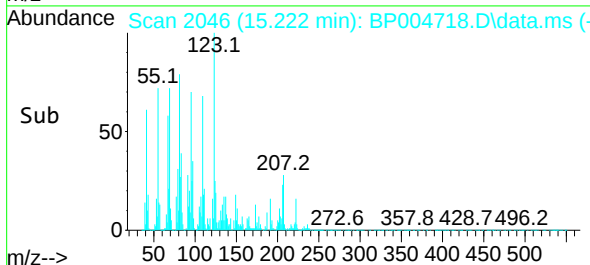
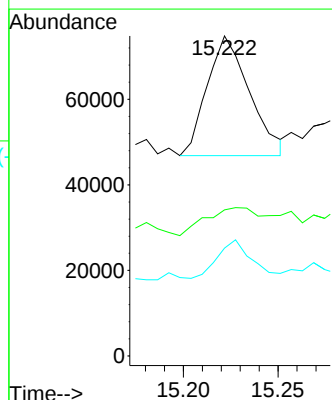
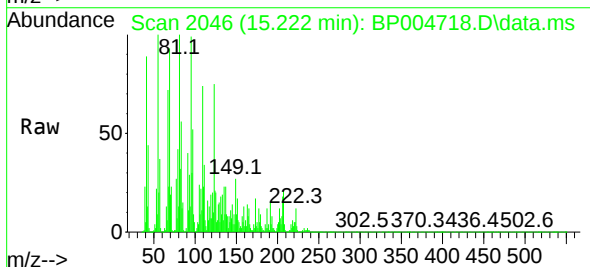
Instrument :
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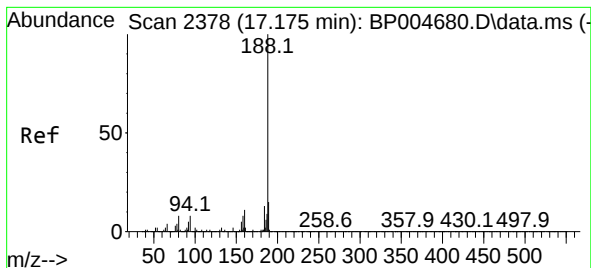
Tgt Ion:166 Resp: 44098
Ion Ratio Lower Upper
166 100
165 181.5 77.8 116.8#
167 96.2 11.0 16.4#



#60
Diethylphthalate
Concen: 2.74 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.030 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:149 Resp: 43592
Ion Ratio Lower Upper
149 100
177 45.6 18.0 27.0#
150 33.7 10.0 15.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.204 min Scan# 2383

Delta R.T. 0.029 min

Lab File: BP004718.D

Acq: 11 Feb 2021 16:17

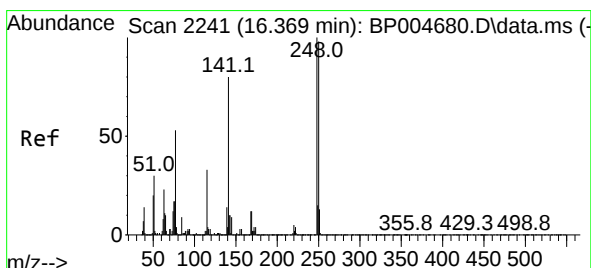
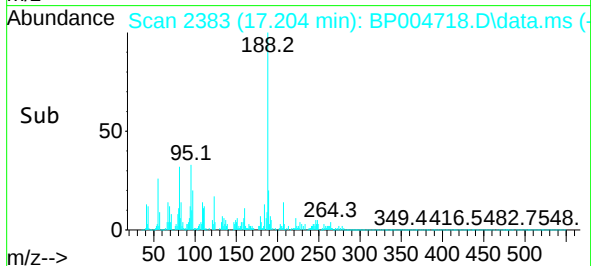
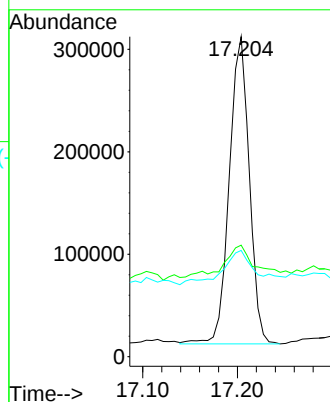
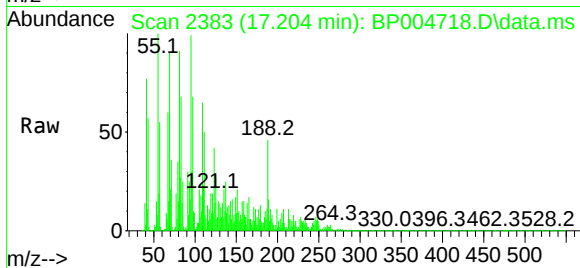
Instrument :

BNA_P

ClientSampleId :

T494-472828

Tgt Ion:188	Resp: 439359
Ion Ratio	Lower Upper
188	100
94	34.9 6.2 9.2#
80	33.2 6.2 9.2#



#67

4-Bromophenyl-phenylether

Concen: 2.34 ng

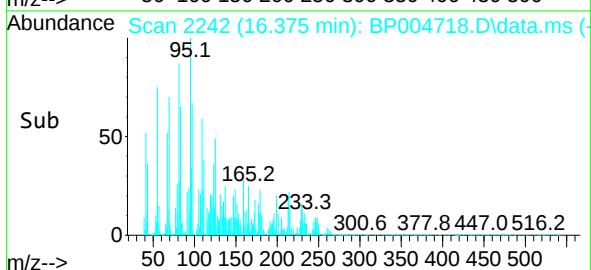
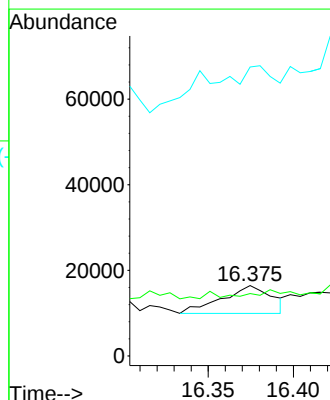
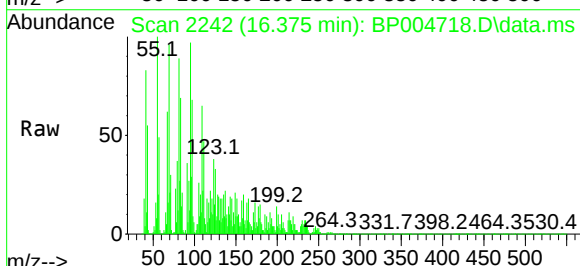
RT: 16.375 min Scan# 2242

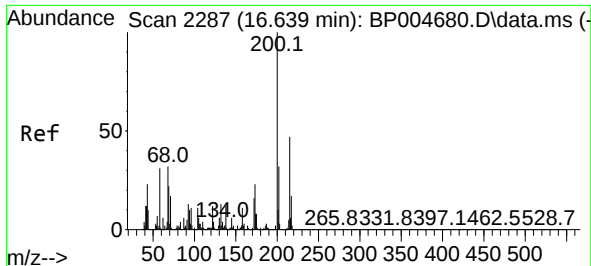
Delta R.T. 0.006 min

Lab File: BP004718.D

Acq: 11 Feb 2021 16:17

Tgt Ion:248	Resp: 13238
Ion Ratio	Lower Upper
248	100
250	88.6 76.7 115.1
141	410.5 53.0 79.6#

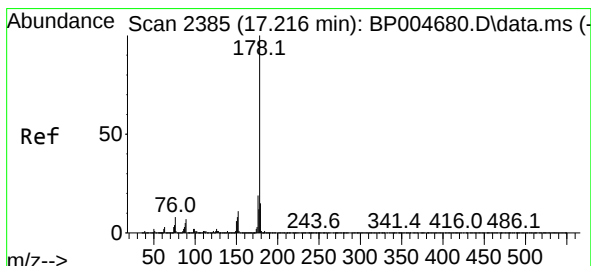
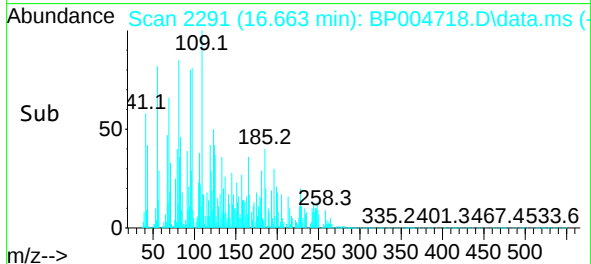
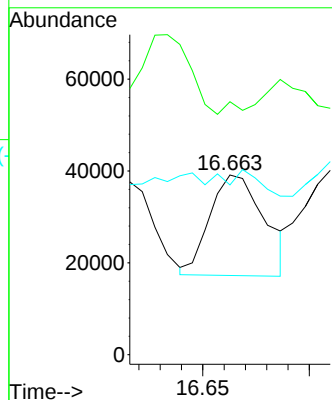
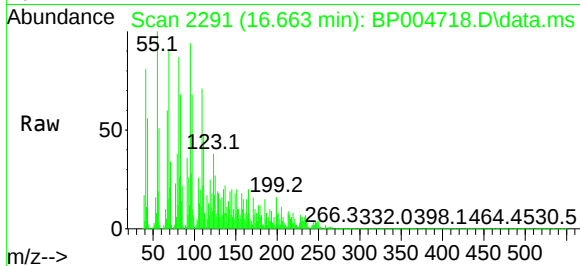




#69
Atrazine
Concen: 8.26 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.023 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

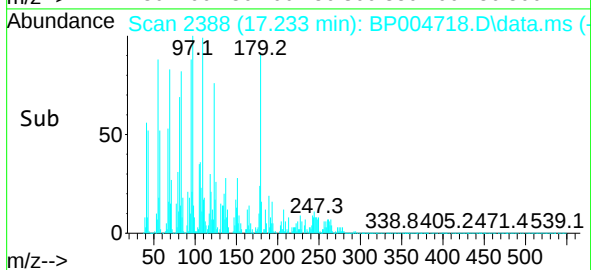
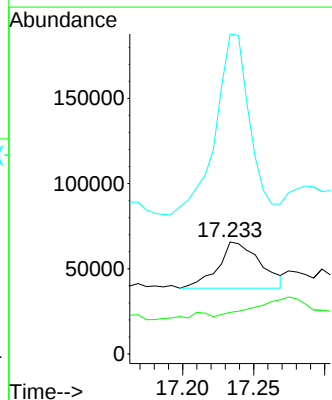
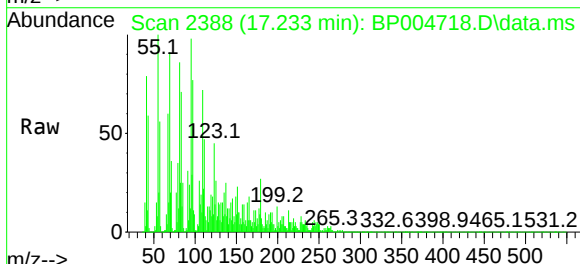
Instrument :
BNA_P
ClientSampleId :
T494-472828

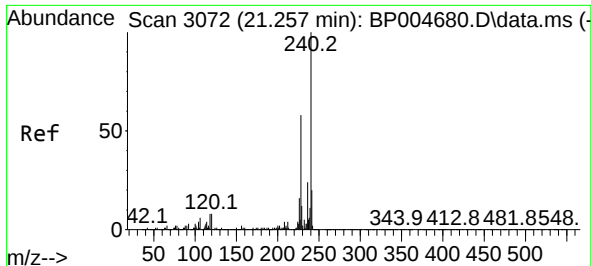
Tgt Ion:200 Resp: 38712
Ion Ratio Lower Upper
200 100
173 140.9 5.9 45.9#
215 94.5 28.4 68.4#



#71
Phenanthrene
Concen: 2.09 ng
RT: 17.233 min Scan# 2388
Delta R.T. 0.017 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:178 Resp: 56351
Ion Ratio Lower Upper
178 100
176 37.2 15.3 22.9#
179 285.7 12.5 18.7#

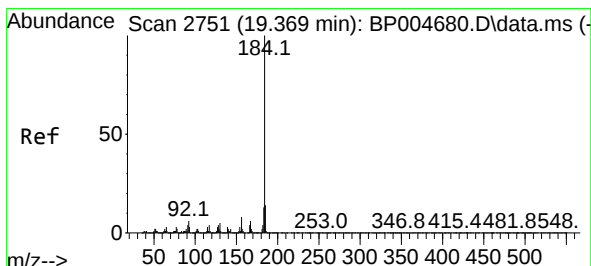
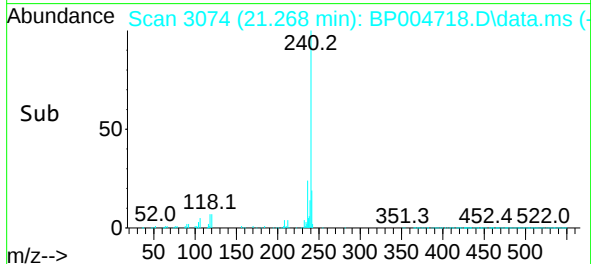
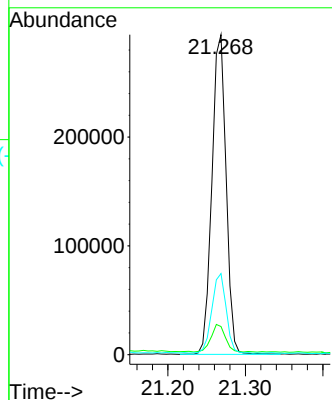
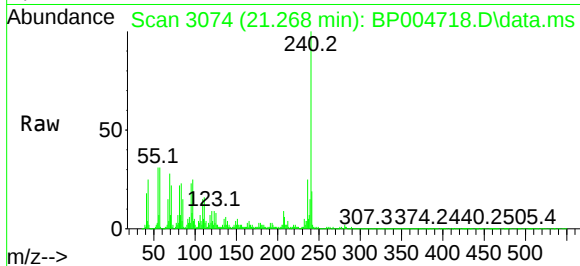




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.268 min Scan# 3074
Delta R.T. 0.011 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

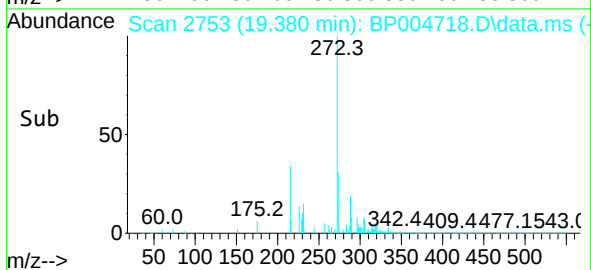
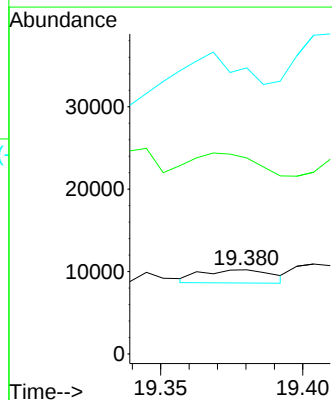
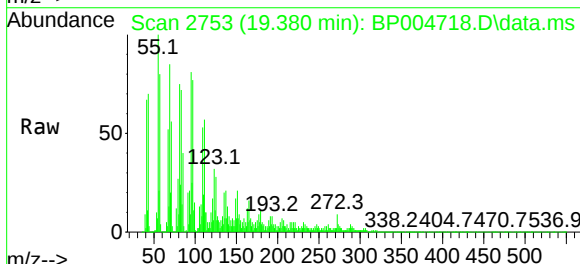
Instrument :
BNA_P
ClientSampleId :
T494-472828

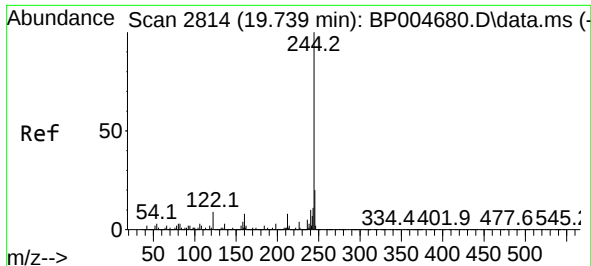
Tgt Ion:240 Resp: 373819
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.50 ng
RT: 19.380 min Scan# 2753
Delta R.T. 0.011 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:184 Resp: 2728
Ion Ratio Lower Upper
184 100
185 233.0 11.5 17.3#
183 340.0 9.6 14.4#

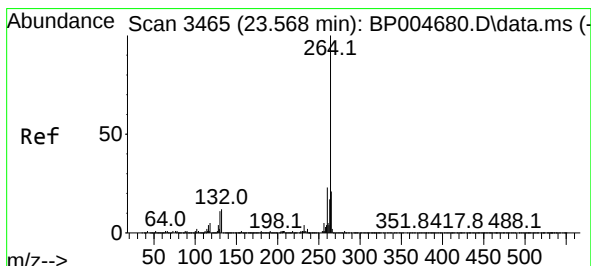
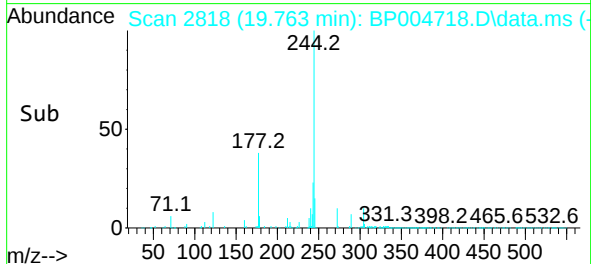
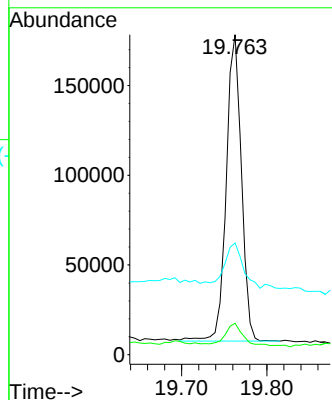
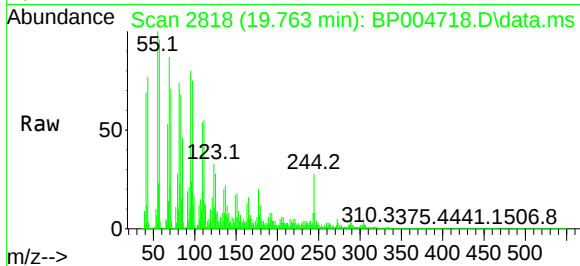




#79
Terphenyl-d14
Concen: 9.49 ng
RT: 19.763 min Scan# 2818
Delta R.T. 0.023 min
Lab File: BP004718.D
Acq: 11 Feb 2021 16:17

Instrument :
BNA_P
ClientSampleId :
T494-472828

Tgt Ion:244 Resp: 211198
Ion Ratio Lower Upper
244 100
212 9.8 5.8 8.6#
122 34.9 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: BP004718.D
Acq: 11 Feb 2021 16:17

Tgt Ion:264 Resp: 376188
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 20.7 17.4 26.2

