

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004719.D
 Acq On : 11 Feb 2021 16:51
 Operator : CG/JU
 Sample : M1333-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT27339-CHRT20101

Quant Time: Feb 11 23:38:46 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)

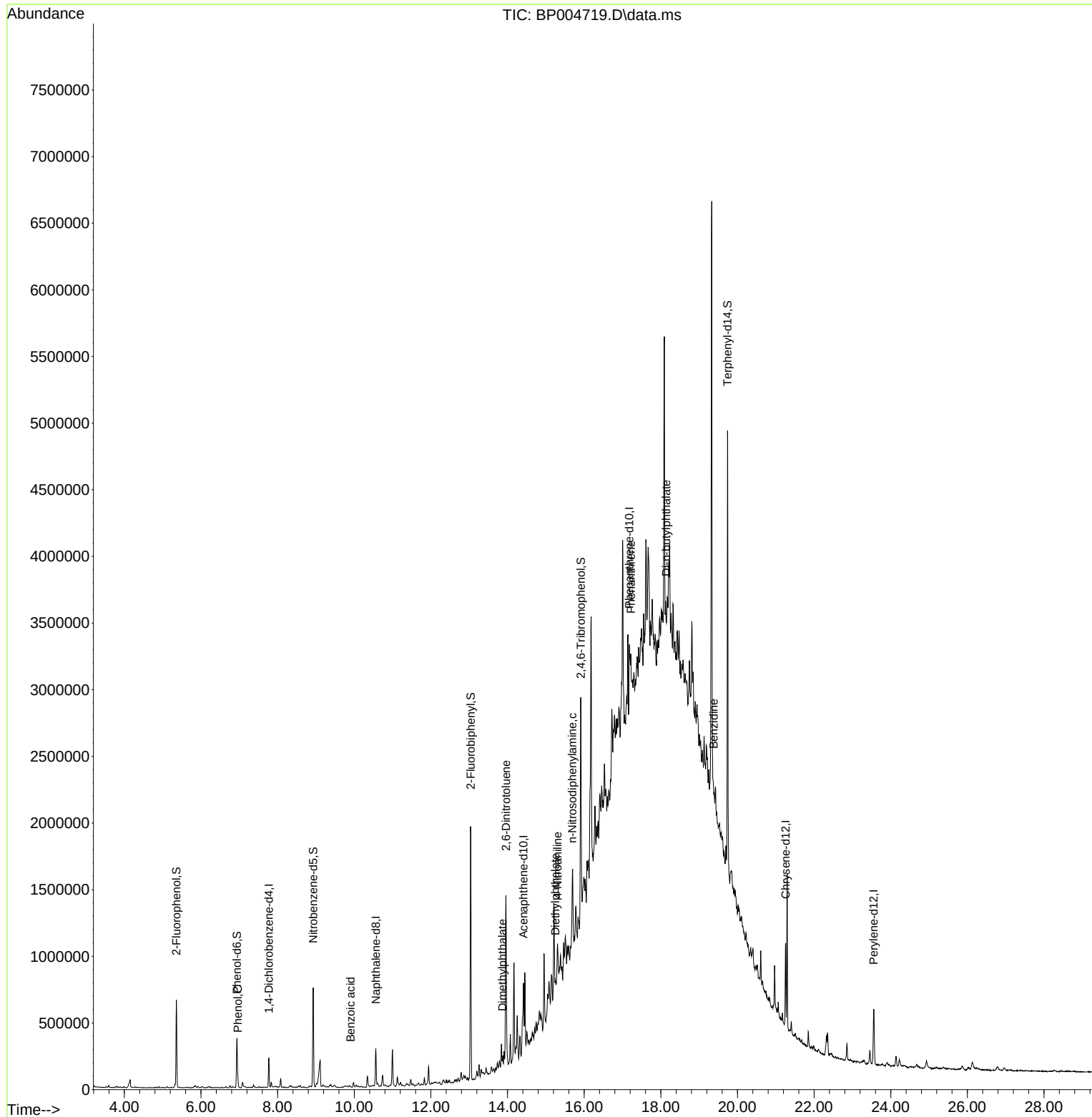
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	55478	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	214405	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	131275	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	275733	20.00	ng	# 0.00
76) Chrysene-d12	21.257	240	281797	20.00	ng	0.00
86) Perylene-d12	23.557	264	293107	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	257837	71.76	ng	0.00
7) Phenol-d6	6.940	99	200063	40.49	ng	0.00
23) Nitrobenzene-d5	8.928	82	413833	84.10	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	233219	133.72	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	916167	85.30	ng	0.00
79) Terphenyl-d14	19.739	244	1308427	77.99	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.964	94	32476	6.79	ng	68
32) Benzoic acid	9.905	122	88	6.88	ng	# 1
50) Dimethylphthalate	13.869	163	47623	4.12	ng	99
51) 2,6-Dinitrotoluene	13.957	165	142169	61.10	ng	# 49
60) Diethylphthalate	15.245	149	23244	2.01	ng	# 74
62) 4-Nitroaniline	15.304	138	14567	5.51	ng	88
66) n-Nitrosodiphenylamine	15.687	169	27156	3.03	ng	# 58
71) Phenanthrene	17.222	178	91744	5.43	ng	# 67
74) Di-n-butylphthalate	18.139	149	63362	3.47	ng	# 67
77) Benzidine	19.381	184	638	2.25	ng	# 1

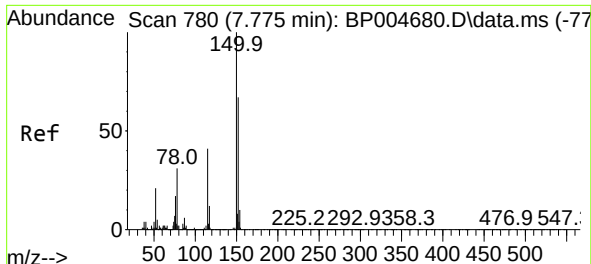
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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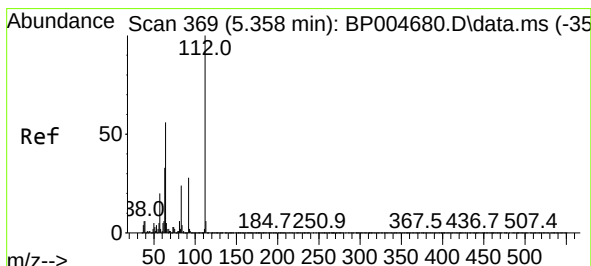
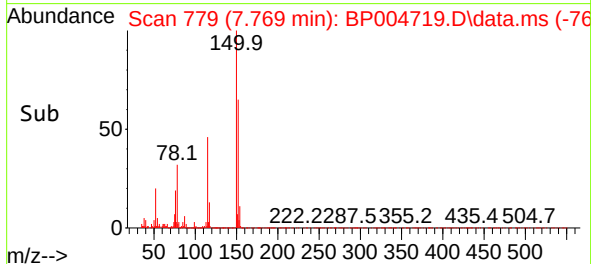
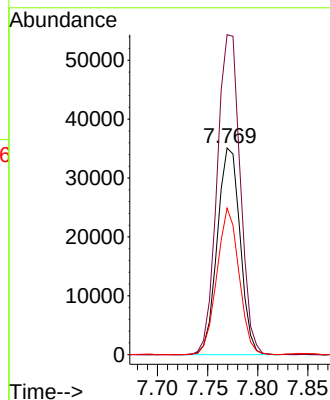
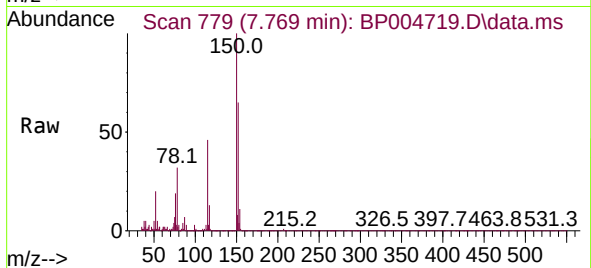




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

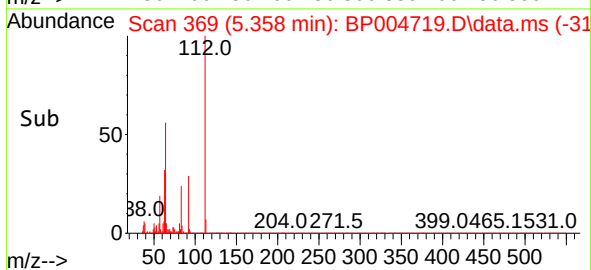
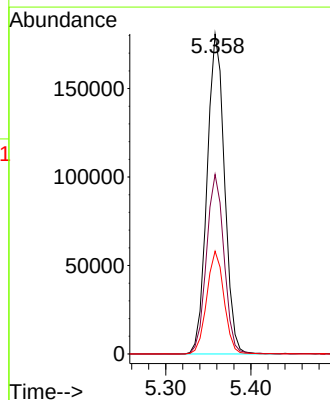
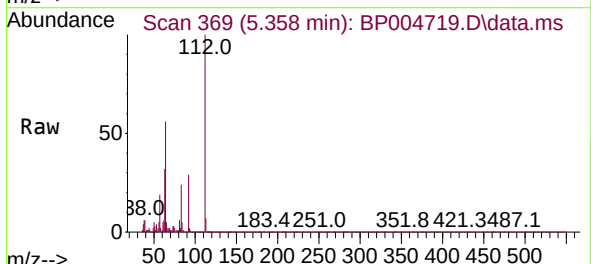
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

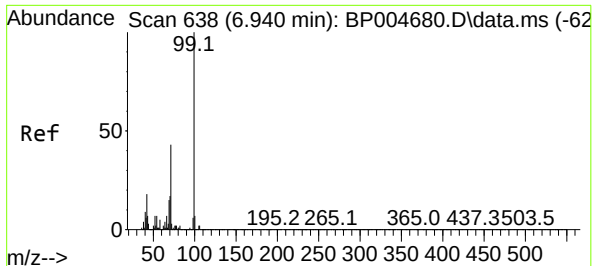
Tgt Ion:152 Resp: 55478
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 70.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 71.76 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:112 Resp: 257837
Ion Ratio Lower Upper
112 100
64 56.1 32.8 49.2#
63 32.1 17.0 25.4#

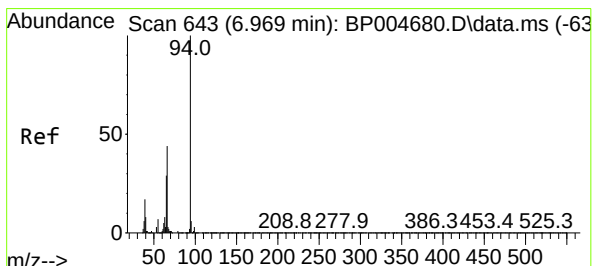
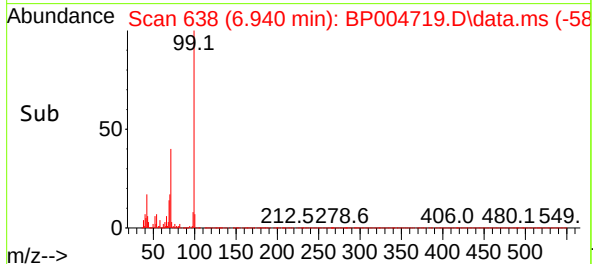
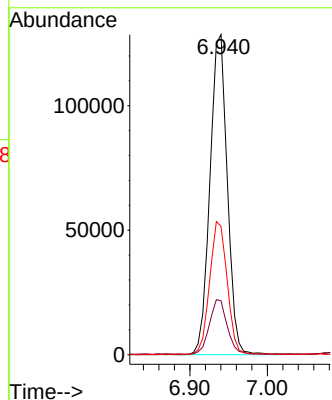
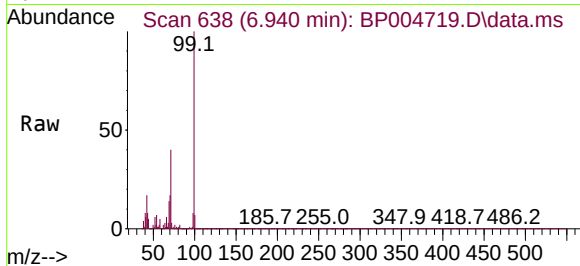




#7
Phenol-d6
Concen: 40.49 ng
RT: 6.940 min Scan# 638
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

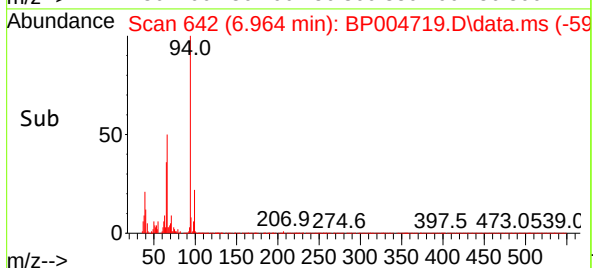
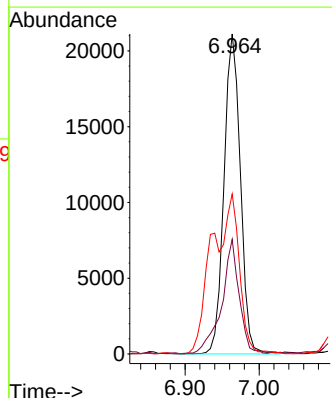
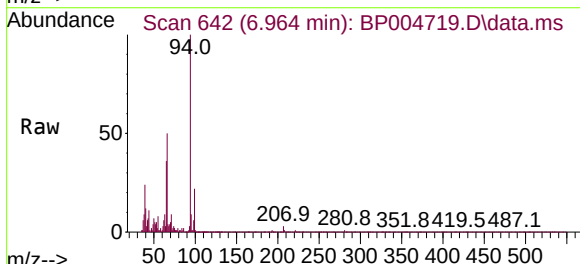
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

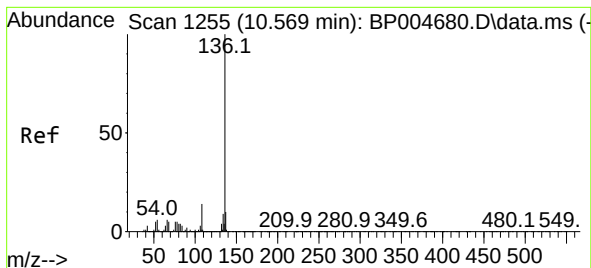
Tgt Ion: 99 Resp: 200063
Ion Ratio Lower Upper
99 100
42 16.8 8.6 13.0#
71 40.1 23.4 35.2#



#10
Phenol
Concen: 6.79 ng
RT: 6.964 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion: 94 Resp: 32476
Ion Ratio Lower Upper
94 100
65 35.8 2.3 42.3
66 50.0 10.9 50.9

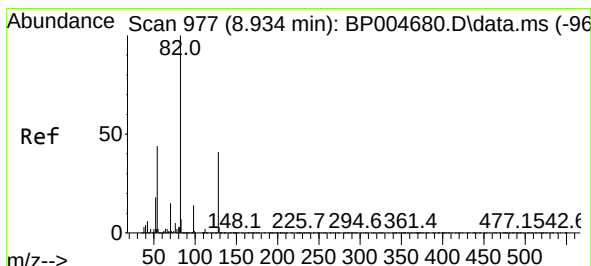
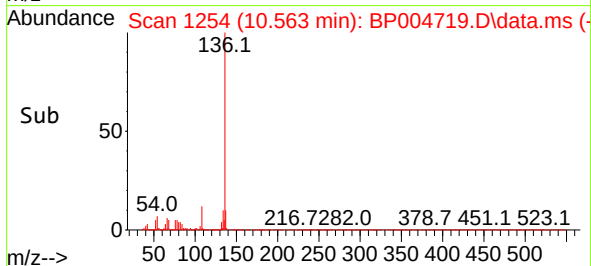
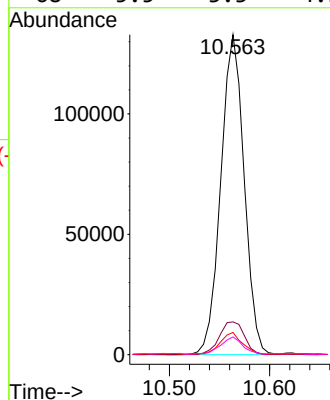
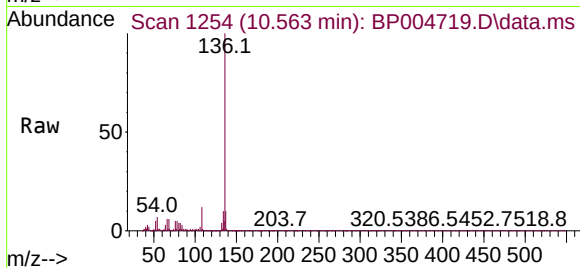




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

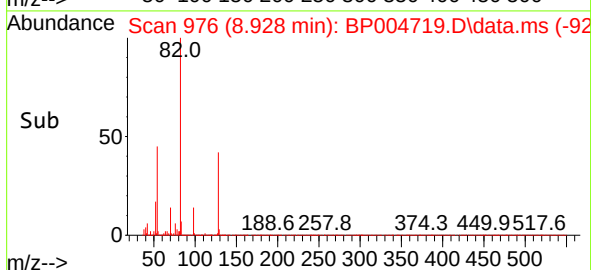
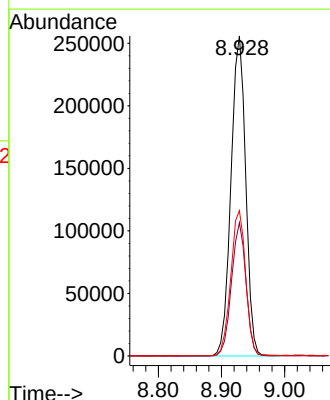
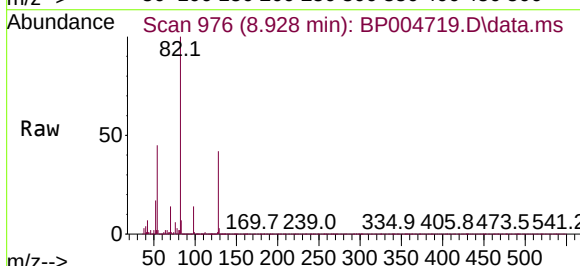
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

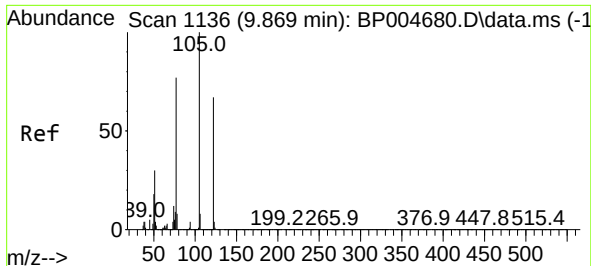
Tgt Ion:	136	Resp:	214405
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	6.9	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 84.10 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:	82	Resp:	413833
Ion Ratio	Lower	Upper	
82	100		
128	41.6	45.6	68.4#
54	45.4	30.1	45.1#

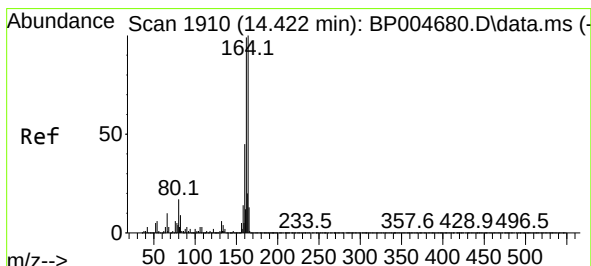
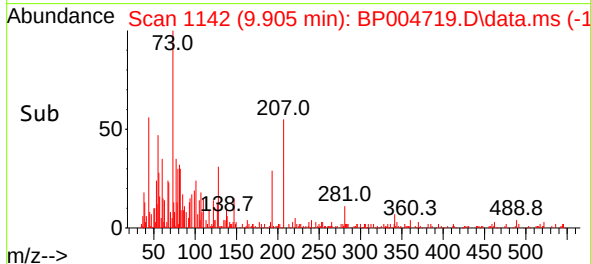
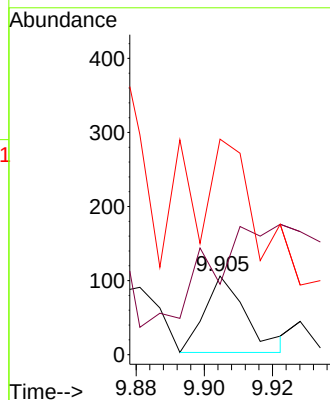
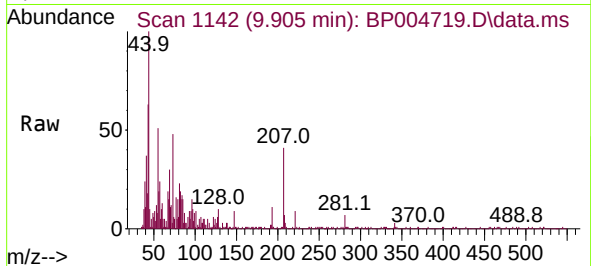




#32
Benzoic acid
Concen: 6.88 ng
RT: 9.905 min Scan# 1142
Delta R.T. 0.036 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

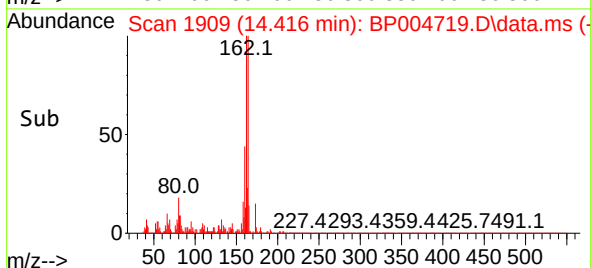
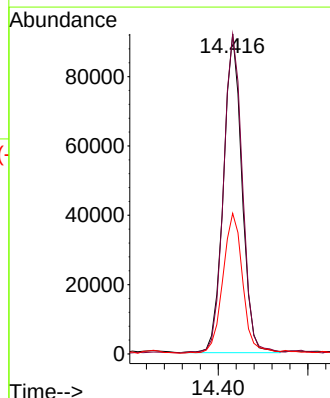
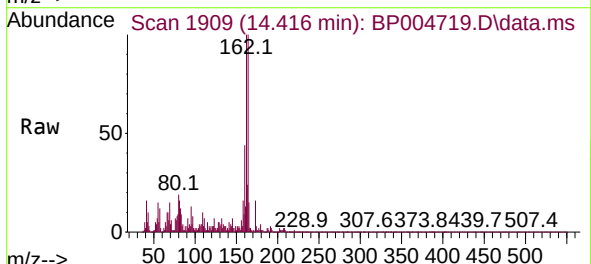
Instrument :
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ClientSampleId :
CHRT27339-CHRT20101

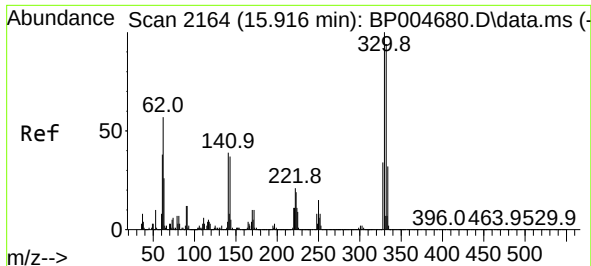
Tgt Ion:122 Resp: 88
Ion Ratio Lower Upper
122 100
105 89.6 94.1 134.1#
77 274.5 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:164 Resp: 131275
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 44.0 36.1 54.1

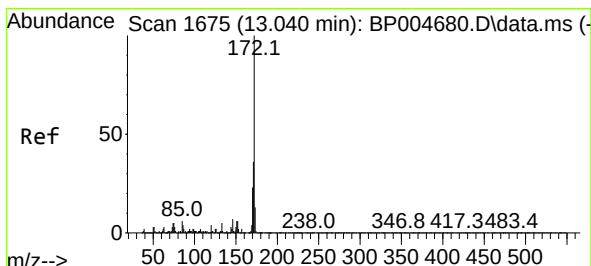
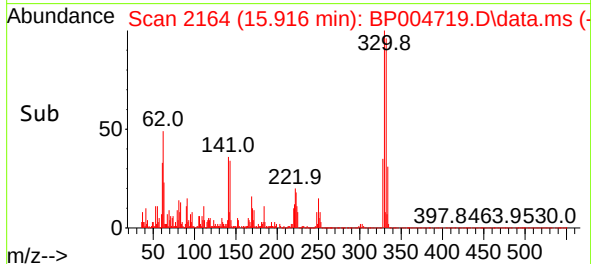
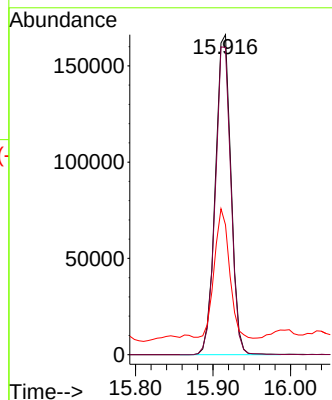
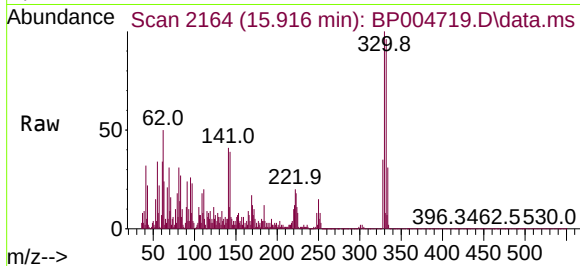




#42
2,4,6-Tribromophenol
Concen: 133.72 ng
RT: 15.916 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

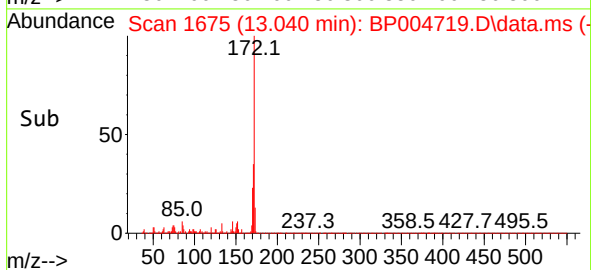
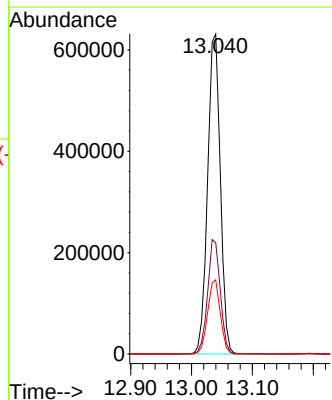
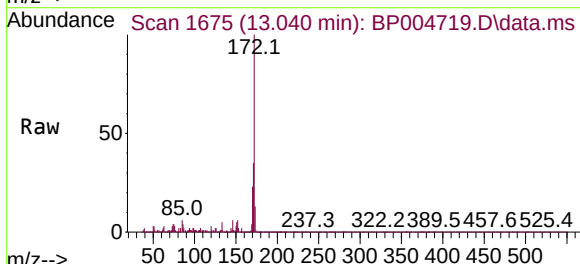
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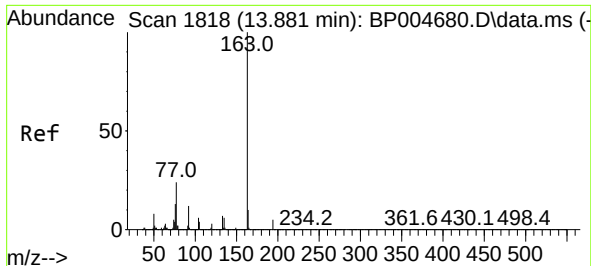
Tgt Ion:330 Resp: 233219
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 39.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 85.30 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:172 Resp: 916167
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.2 19.2 28.8

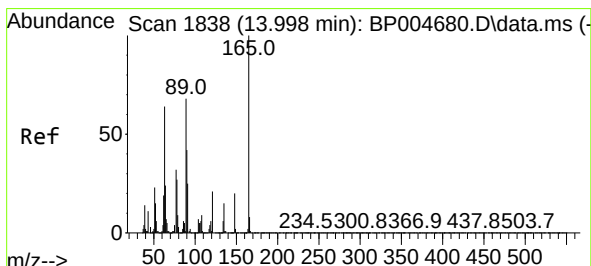
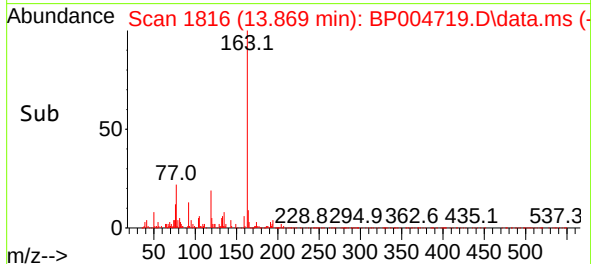
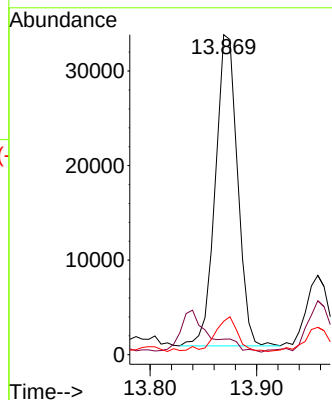
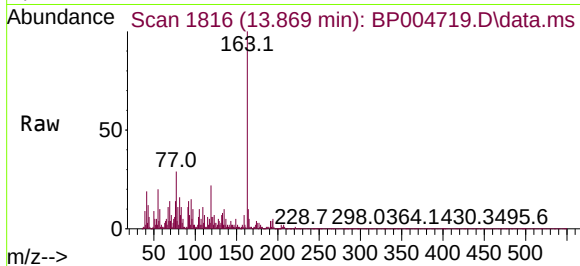




#50
Dimethylphthalate
Concen: 4.12 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

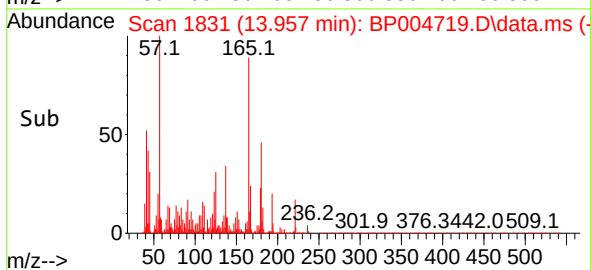
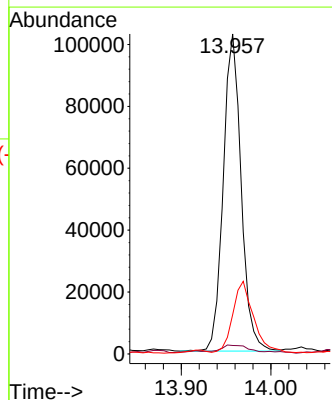
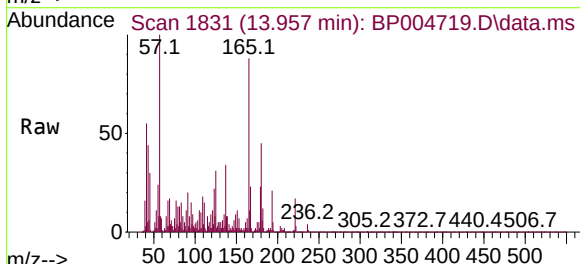
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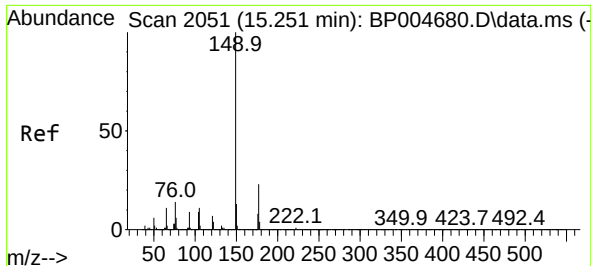
Tgt Ion:163 Resp: 47623
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 61.10 ng
RT: 13.957 min Scan# 1831
Delta R.T. -0.041 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:165 Resp: 142169
Ion Ratio Lower Upper
165 100
63 2.6 27.8 41.6#
89 12.3 34.6 52.0#

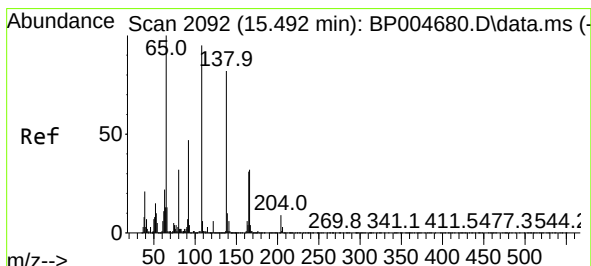
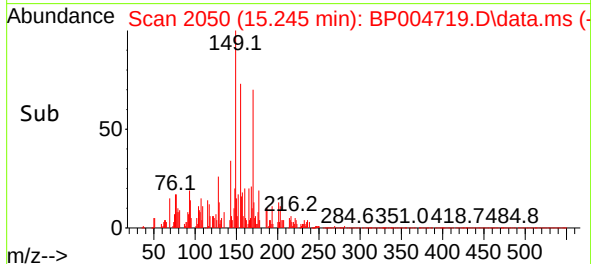
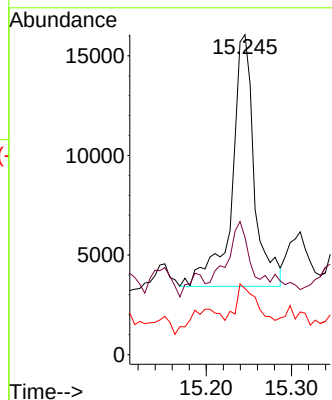
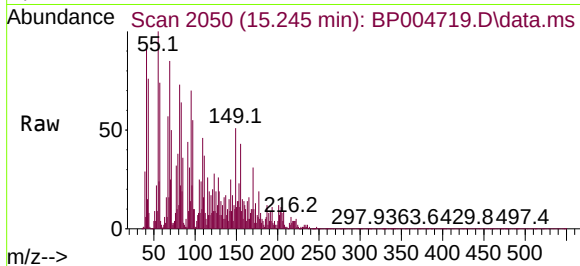




#60
Diethylphthalate
Concen: 2.01 ng
RT: 15.245 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

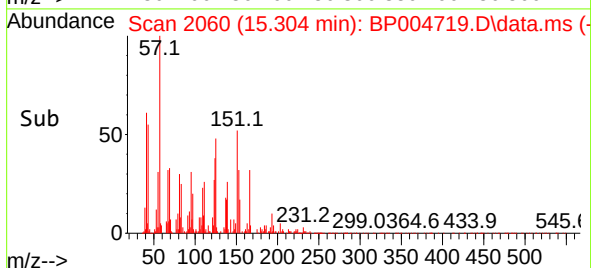
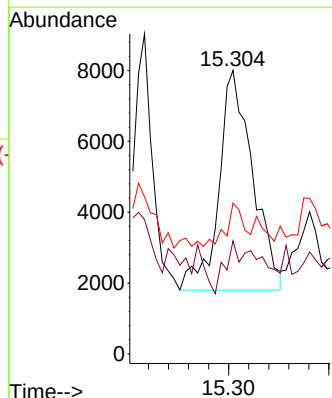
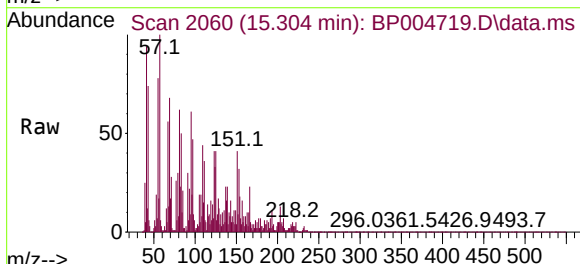
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

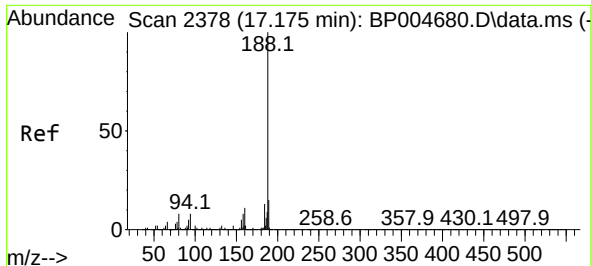
Tgt Ion:149 Resp: 23244
Ion Ratio Lower Upper
149 100
177 36.7 18.0 27.0#
150 20.7 10.0 15.0#



#62
4-Nitroaniline
Concen: 5.51 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.188 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:138 Resp: 14567
Ion Ratio Lower Upper
138 100
92 39.9 20.7 60.7
108 53.2 47.8 87.8

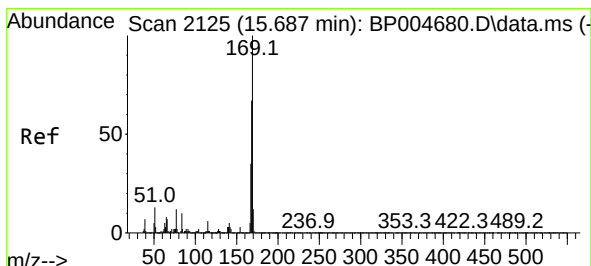
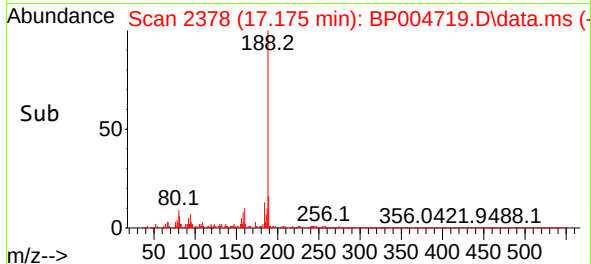
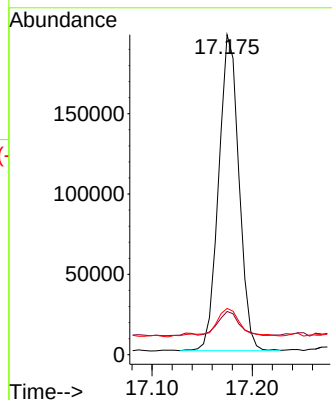
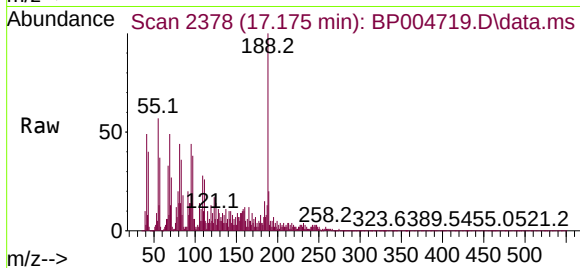




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

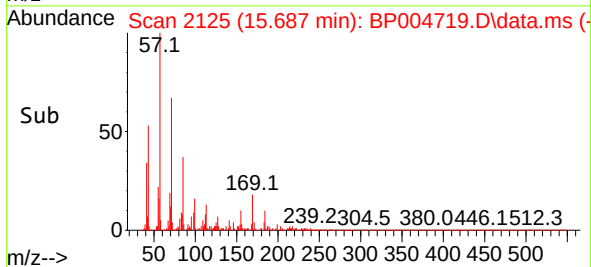
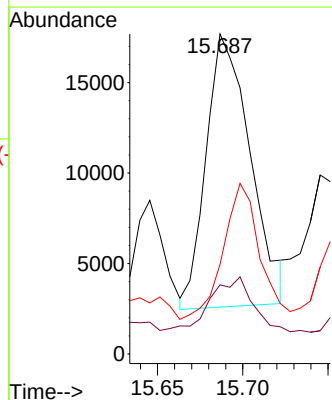
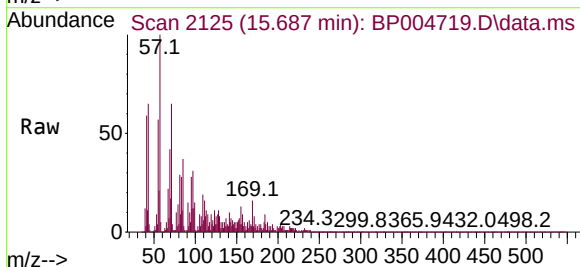
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

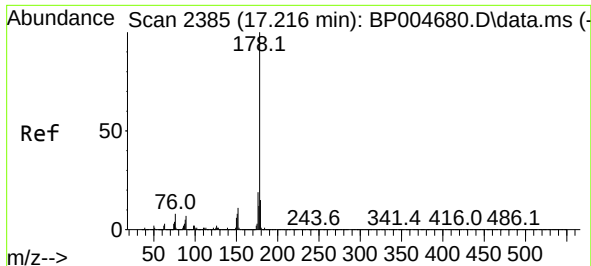
Tgt Ion:188 Resp: 275733
Ion Ratio Lower Upper
188 100
94 13.5 6.2 9.2#
80 14.5 6.2 9.2#



#66
n-Nitrosodiphenylamine
Concen: 3.03 ng
RT: 15.687 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:169 Resp: 27156
Ion Ratio Lower Upper
169 100
168 21.6 53.8 80.6#
167 28.0 28.9 43.3#

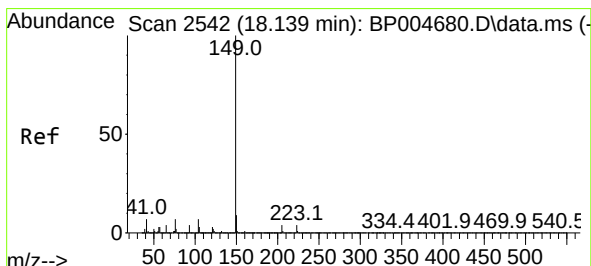
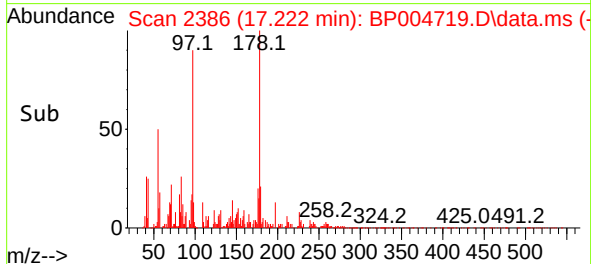
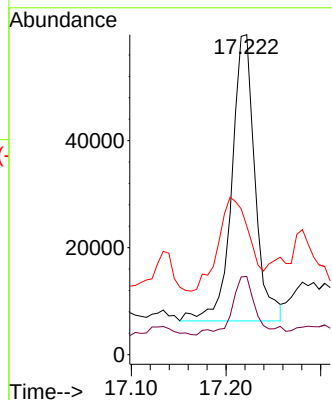
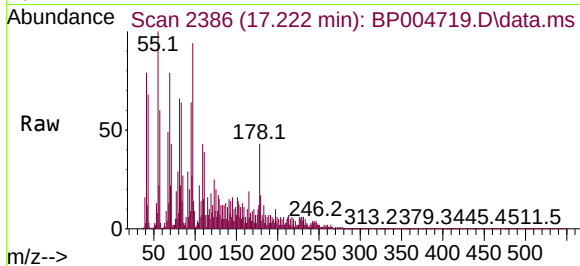




#71
Phenanthrene
Concen: 5.43 ng
RT: 17.222 min Scan# 2386
Delta R.T. 0.006 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

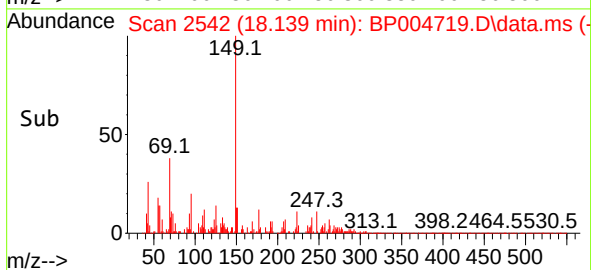
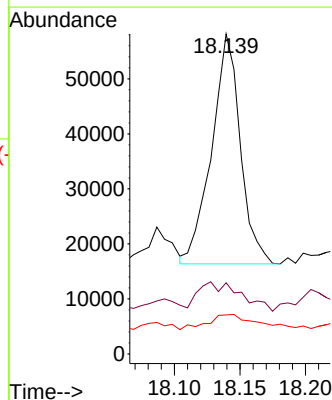
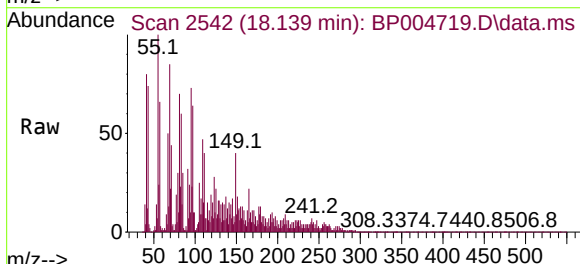
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

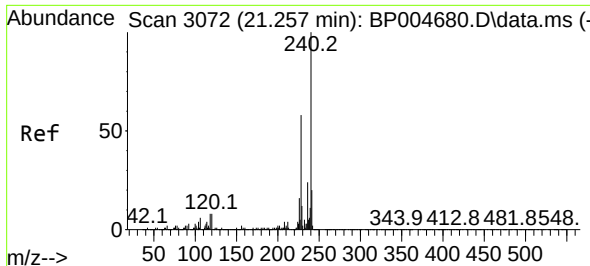
Tgt Ion:178 Resp: 91744
Ion Ratio Lower Upper
178 100
176 24.4 15.3 22.9#
179 40.2 12.5 18.7#



#74
Di-n-butylphthalate
Concen: 3.47 ng
RT: 18.139 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:149 Resp: 63362
Ion Ratio Lower Upper
149 100
150 22.2 7.3 10.9#
104 12.2 3.4 5.0#

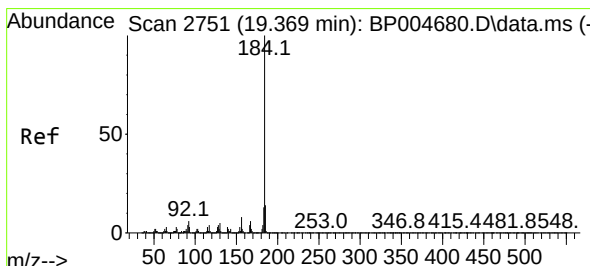
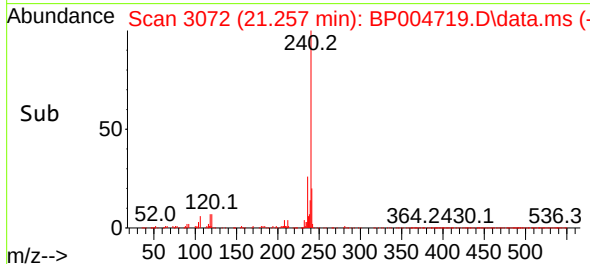
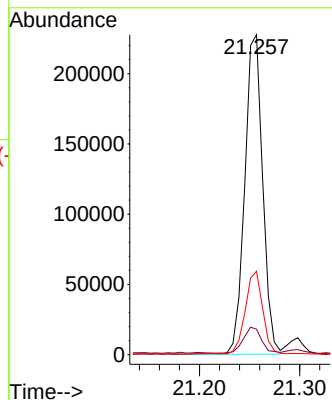
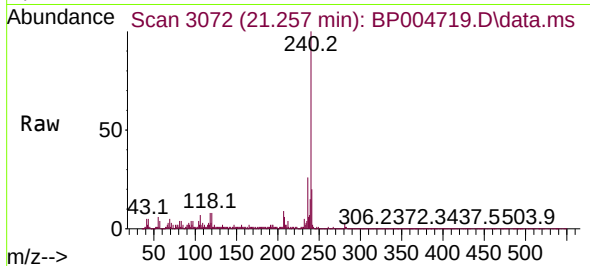




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

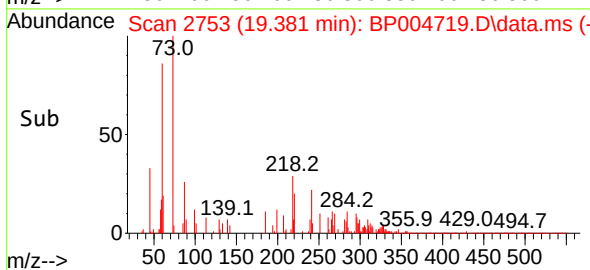
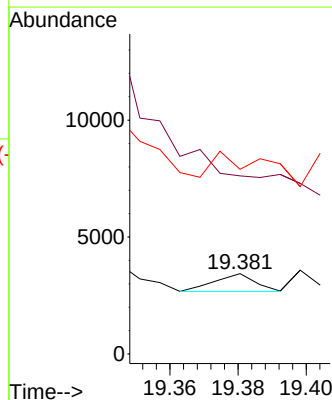
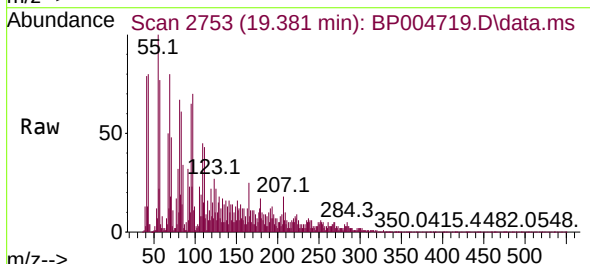
Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

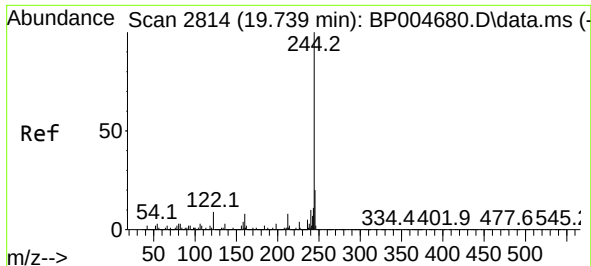
Tgt Ion:240 Resp: 281797
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.25 ng
RT: 19.381 min Scan# 2753
Delta R.T. 0.012 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:184 Resp: 638
Ion Ratio Lower Upper
184 100
185 221.7 11.5 17.3#
183 229.7 9.6 14.4#

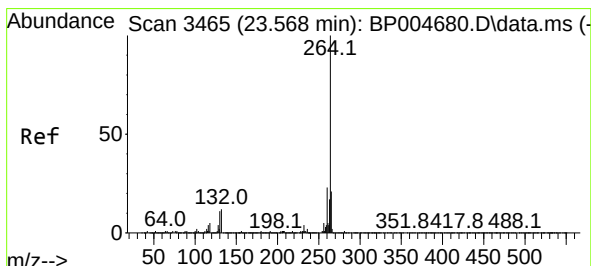
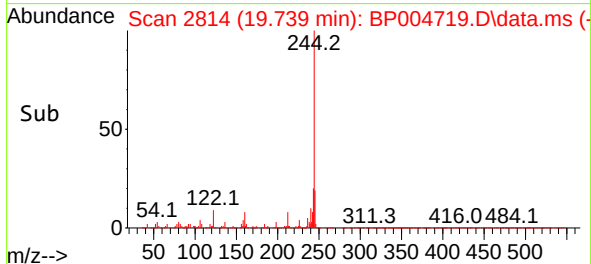
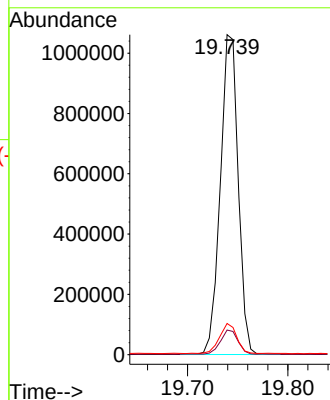
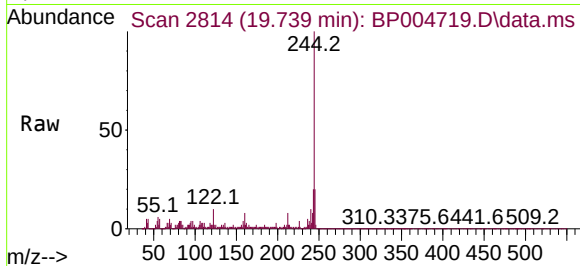




#79
Terphenyl-d14
Concen: 77.99 ng
RT: 19.739 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP004719.D
Acq: 11 Feb 2021 16:51

Instrument :
BNA_P
ClientSampleId :
CHRT27339-CHRT20101

Tgt Ion:244 Resp: 1308427
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 9.8 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: BP004719.D
Acq: 11 Feb 2021 16:51

Tgt Ion:264 Resp: 293107
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.6 17.4 26.2

